

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
 Data File : BN005342.D
 Acq On : 27 Apr 2019 06:16
 Operator : JU/SJ
 Sample : K2481-11
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHW4

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.634	443	450	462	rBV	802397	1298388	9.18%	0.465%
2	6.775	636	644	652	rVV	1121760	1807789	12.77%	0.648%
3	6.940	666	672	684	rBV	830647	1338334	9.46%	0.480%
4	7.128	698	704	712	rVB	1104099	1747304	12.35%	0.626%
5	7.258	720	726	735	rVV	1081558	1933680	13.66%	0.693%
6	7.340	735	740	748	rVV	465644	710791	5.02%	0.255%
7	7.593	775	783	791	rBV	1779920	2798434	19.78%	1.003%
8	8.122	864	873	882	rBV	729131	1241026	8.77%	0.445%
9	8.293	895	902	910	rVB	1394814	2235769	15.80%	0.801%
10	8.734	972	977	989	rVB	1102100	1805970	12.76%	0.647%
11	8.852	989	997	1009	rBV	517839	1089221	7.70%	0.390%
12	9.163	1044	1050	1060	rVB2	280646	493339	3.49%	0.177%
13	9.340	1075	1080	1085	rBV	432070	700820	4.95%	0.251%
14	9.446	1093	1098	1105	rVB	916845	1501216	10.61%	0.538%
15	9.793	1148	1157	1163	rBV	491655	943552	6.67%	0.338%
16	9.857	1163	1168	1172	rVV	351175	579414	4.09%	0.208%
17	9.940	1172	1182	1185	rVV	1703726	3254690	23.00%	1.166%
18	9.981	1185	1189	1198	rVB	1518359	2511083	17.74%	0.900%
19	10.351	1245	1252	1258	rBV	2431191	4163191	29.42%	1.492%
20	10.399	1258	1260	1270	rVB3	191415	367428	2.60%	0.132%
21	10.493	1270	1276	1282	rBV	587446	1105491	7.81%	0.396%
22	10.746	1314	1319	1329	rVB5	151886	345393	2.44%	0.124%
23	11.398	1419	1430	1433	rBV	217900	430533	3.04%	0.154%
24	11.434	1433	1436	1448	rVB4	194127	487607	3.45%	0.175%
25	11.551	1450	1456	1457	rBV	795039	1078991	7.62%	0.387%
26	11.575	1458	1460	1469	rVB	1047637	1628402	11.51%	0.583%
27	11.687	1469	1479	1484	rBV	933740	1830632	12.94%	0.656%
28	11.781	1491	1495	1499	rVV	206377	381974	2.70%	0.137%
29	11.875	1499	1511	1521	rVB	1987057	5980685	42.26%	2.143%
30	12.022	1531	1536	1545	rVB2	209538	408648	2.89%	0.146%
31	12.245	1568	1574	1580	rBV	768867	1347050	9.52%	0.483%
32	12.669	1634	1646	1651	rBV7	183653	505825	3.57%	0.181%
33	12.769	1656	1663	1668	rVV4	219293	494418	3.49%	0.177%
34	12.998	1697	1702	1706	rBV	295861	541149	3.82%	0.194%

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35	13.192	1729	1735	1741	rBV	1668746	3334601	23.56%	1.195%
36	13.281	1743	1750	1758	rVB	968333	2487597	17.58%	0.891%
37	13.463	1776	1781	1785	rBV	1176414	1876238	13.26%	0.672%
38	13.545	1791	1795	1801	rBV3	213761	372773	2.63%	0.134%
39	13.645	1807	1812	1814	rBV	2937856	3940442	27.84%	1.412%
40	13.681	1814	1818	1824	rVV	8508857	12826649	90.64%	4.596%
41	13.734	1824	1827	1831	rVB	331352	422400	2.98%	0.151%
42	13.922	1853	1859	1860	rBV	2867768	4115905	29.08%	1.475%
43	13.951	1860	1864	1870	rVB	9590620	14151347	100.00%	5.071%
44	14.151	1894	1898	1903	rBV	386132	537586	3.80%	0.193%
45	14.228	1906	1911	1916	rVV2	3563279	5406092	38.20%	1.937%
46	14.275	1916	1919	1927	rVB3	425187	753012	5.32%	0.270%
47	14.439	1942	1947	1956	rVB2	1048261	1745345	12.33%	0.625%
48	14.557	1964	1967	1971	rBV	494211	617600	4.36%	0.221%
49	14.663	1980	1985	1998	rVB3	641974	1551332	10.96%	0.556%
50	14.769	1998	2003	2009	rBV2	722879	1442489	10.19%	0.517%
51	14.839	2009	2015	2019	rVV	3636207	5788604	40.90%	2.074%
52	14.887	2019	2023	2028	rVB	995491	1441992	10.19%	0.517%
53	14.939	2028	2032	2038	rBV	1072304	1650009	11.66%	0.591%
54	15.004	2039	2043	2051	rVB2	896080	1613081	11.40%	0.578%
55	15.104	2056	2060	2068	rVB2	2806905	4151659	29.34%	1.488%
56	15.228	2076	2081	2087	rVB	4886209	7063678	49.92%	2.531%
57	15.304	2089	2094	2100	rVV	1277191	2356326	16.65%	0.844%
58	15.357	2100	2103	2108	rVV2	768310	1123343	7.94%	0.403%
59	15.410	2108	2112	2115	rVB	485602	608052	4.30%	0.218%
60	15.486	2120	2125	2127	rBV	1008922	1716106	12.13%	0.615%
61	15.963	2201	2206	2210	rBV3	1730357	3712375	26.23%	1.330%
62	16.004	2210	2213	2217	rVB	1741022	2278918	16.10%	0.817%
63	16.281	2256	2260	2263	rBV3	452179	626289	4.43%	0.224%
64	16.563	2303	2308	2313	rBV	2526689	3717456	26.27%	1.332%
65	16.775	2340	2344	2348	rVB	1046332	1267605	8.96%	0.454%
66	16.828	2349	2353	2360	rVB	1010402	1505763	10.64%	0.540%
67	16.986	2374	2380	2385	rBV	4395290	6324795	44.69%	2.266%
68	17.081	2391	2396	2399	rBV2	3947050	5648262	39.91%	2.024%
69	17.116	2399	2402	2407	rVB	4095896	5373285	37.97%	1.925%
70	17.469	2458	2462	2466	rVV	1033310	1609111	11.37%	0.577%
71	17.516	2466	2470	2477	rVB2	1290817	1969492	13.92%	0.706%

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72	17.657	2489	2494	2503	rVB3	2634756	5133238	36.27%	1.839%
73	17.910	2533	2537	2540	rBV	1224524	1653386	11.68%	0.592%
74	17.992	2547	2551	2556	rVB	1276961	1786656	12.63%	0.640%
75	18.069	2560	2564	2569	rVB	1217357	1736563	12.27%	0.622%
76	18.210	2584	2588	2592	rVB3	938323	1200455	8.48%	0.430%
77	18.339	2607	2610	2618	rVB	1458176	2296853	16.23%	0.823%
78	18.786	2683	2686	2694	rVB3	1004508	1938907	13.70%	0.695%
79	18.851	2694	2697	2700	rBV2	802477	982364	6.94%	0.352%
80	18.933	2707	2711	2716	rBV2	1168619	1590005	11.24%	0.570%
81	19.210	2753	2758	2765	rBV	2065506	3429935	24.24%	1.229%
82	19.327	2774	2778	2785	rBV	4540399	6328712	44.72%	2.268%
83	19.398	2785	2790	2794	rBV	4492228	6666642	47.11%	2.389%
84	19.663	2832	2835	2840	rVB2	981739	1324508	9.36%	0.475%
85	19.774	2851	2854	2859	rVB	1116968	1382208	9.77%	0.495%
86	19.910	2873	2877	2885	rVB2	2628670	4073245	28.78%	1.460%
87	19.986	2887	2890	2893	rVV	752801	815312	5.76%	0.292%
88	20.027	2893	2897	2904	rVV	1431777	2215764	15.66%	0.794%
89	20.233	2928	2932	2936	rBV	1708817	2274954	16.08%	0.815%
90	20.486	2972	2975	2978	rBV	1129096	1197514	8.46%	0.429%
91	20.957	3052	3055	3060	rVB2	1965615	2723454	19.25%	0.976%
92	21.216	3094	3099	3105	rBV4	5534147	9014319	63.70%	3.230%
93	22.774	3359	3364	3381	rVB2	3786916	11692798	82.63%	4.190%
94	22.939	3388	3392	3399	rVB	2114716	3622813	25.60%	1.298%
95	23.239	3438	3443	3447	rBV	2925315	5300961	37.46%	1.899%
96	23.286	3448	3451	3455	rVV2	2230236	3811774	26.94%	1.366%
97	23.339	3455	3460	3467	rVB	6628699	12254687	86.60%	4.391%
98	23.427	3470	3475	3479	rBV	2286394	3649529	25.79%	1.308%
99	25.621	3840	3848	3858	rVB	2760229	7901493	55.84%	2.831%
100	26.286	3955	3961	3972	rVB	1761558	4865441	34.38%	1.743%

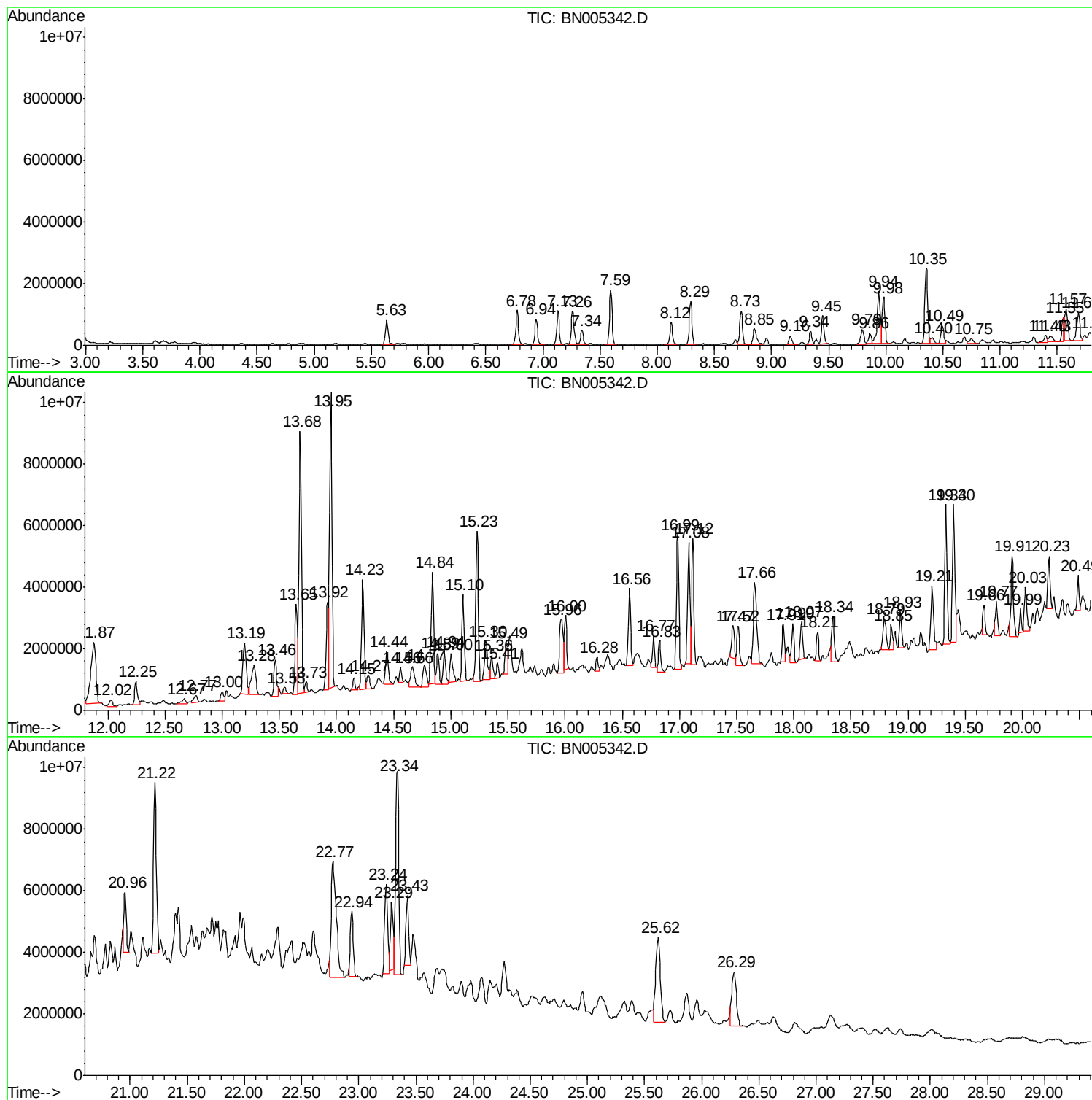
Sum of corrected areas: 279080336

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ClientSampleId :
GAHW4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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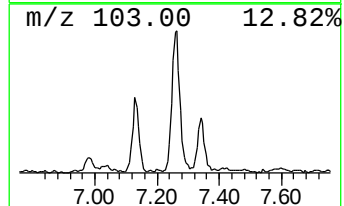
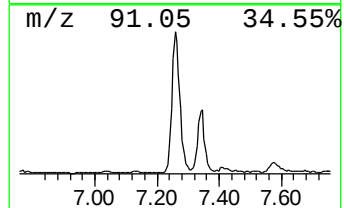
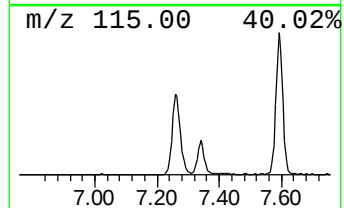
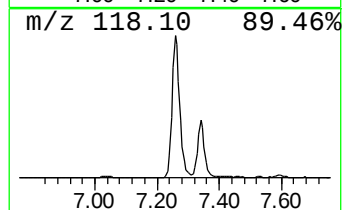
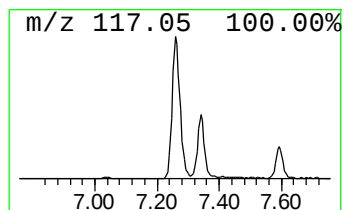
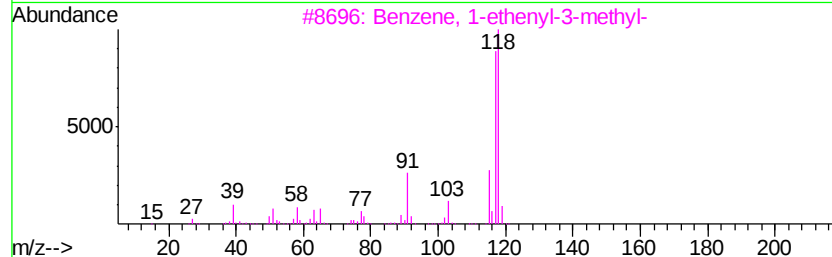
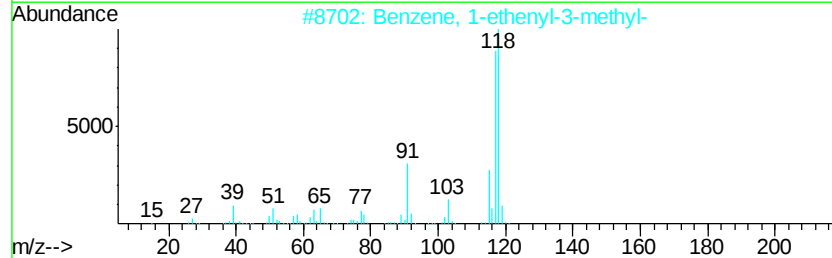
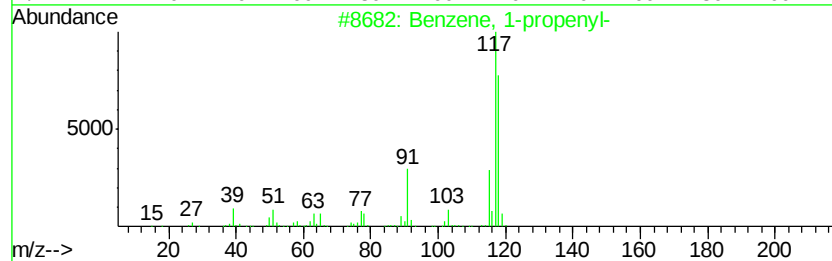
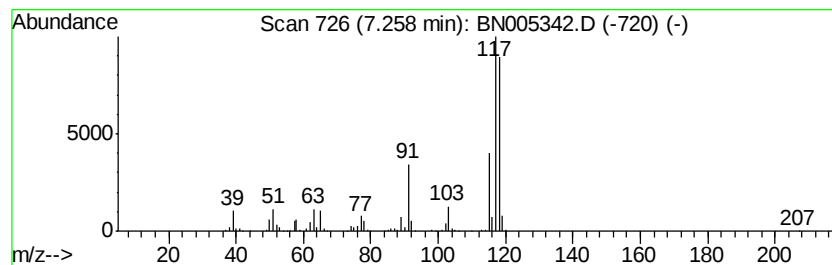
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, 1-propenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.26	13.82 ng/ul	1933680	1,4-Dichlorobenzene-d4	7.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	95
2		Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	95
3		Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	95
4		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94
5		Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	93



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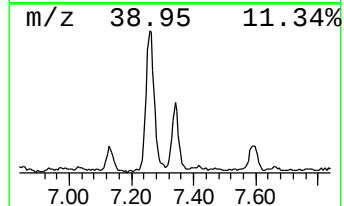
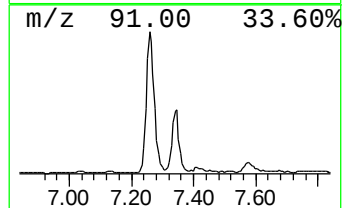
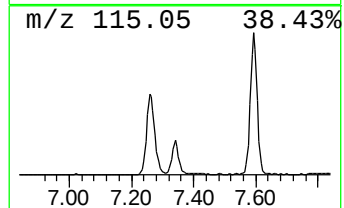
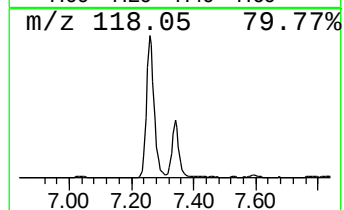
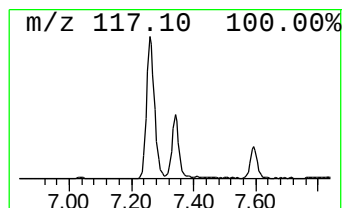
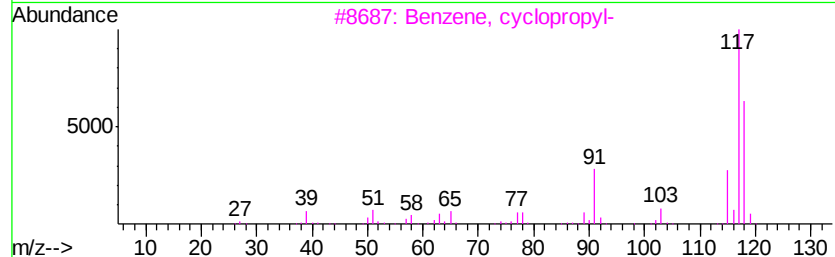
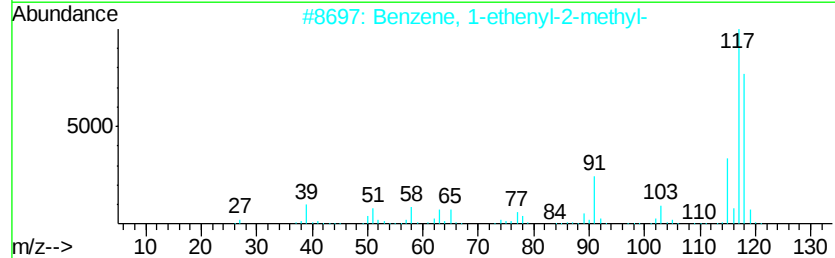
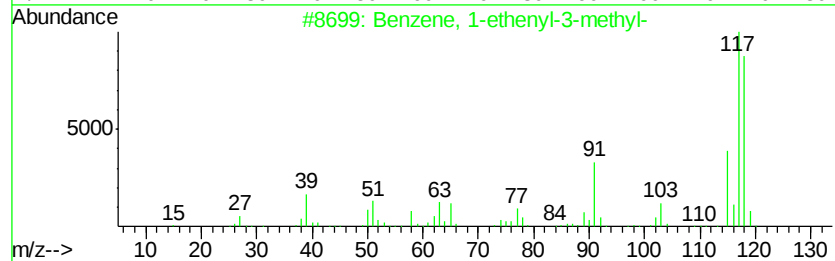
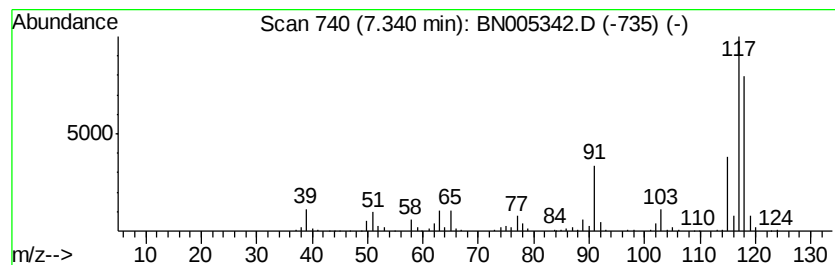
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1-ethenyl-3-methyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.34	5.08 ng/ul	710791	1,4-Dichlorobenzene-d4	7.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
2		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	95
3		Benzene, cyclopropyl-	118	C9H10	000873-49-4	94
4		Benzene, 1-propenyl-	118	C9H10	000637-50-3	94
5		Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	93



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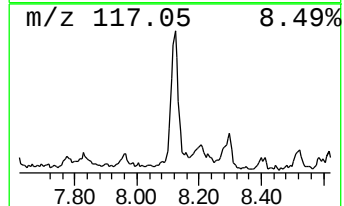
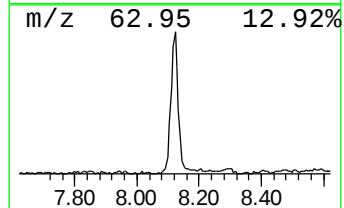
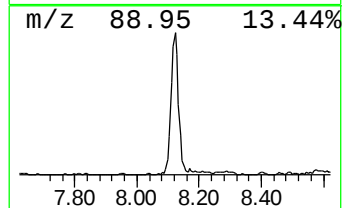
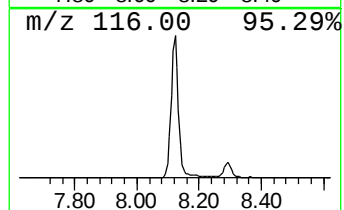
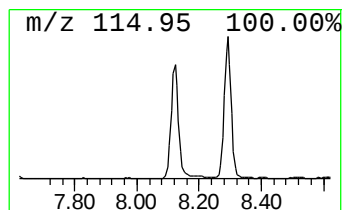
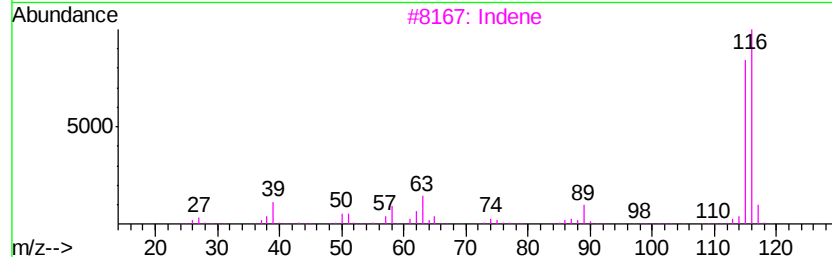
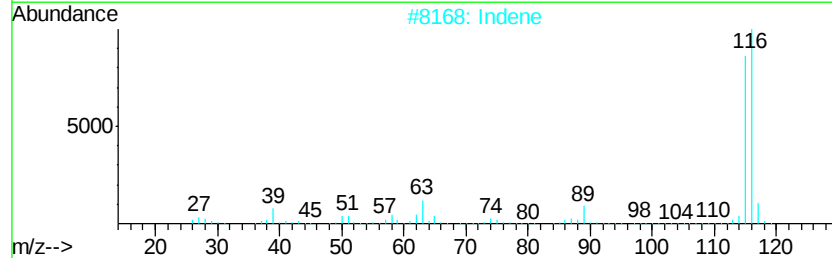
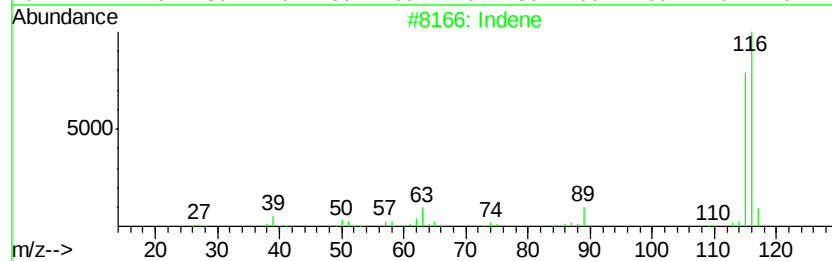
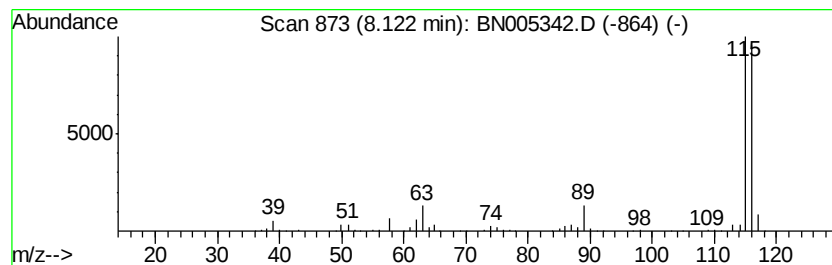
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Indene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.12	8.87 ng/ul	1241030	1,4-Dichlorobenzene-d4	7.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene		116	C9H8	000095-13-6	97
2	Indene		116	C9H8	000095-13-6	95
3	Indene		116	C9H8	000095-13-6	94
4	Benzene, 1-propynyl-		116	C9H8	000673-32-5	91
5	Benzene, 1-propynyl-		116	C9H8	000673-32-5	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005342.D
Acq On : 27 Apr 2019 06:16
Operator : JU/SJ
Sample : K2481-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
GAHW4

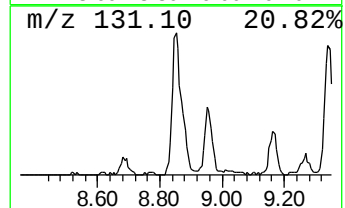
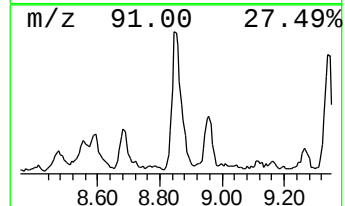
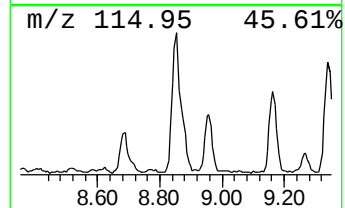
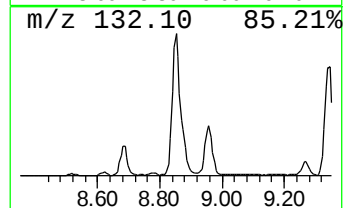
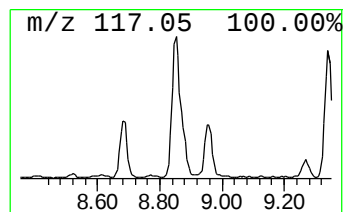
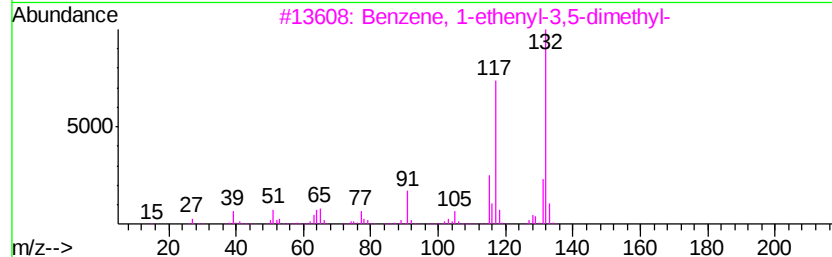
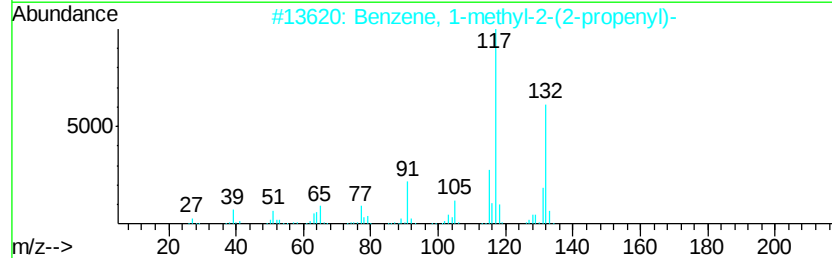
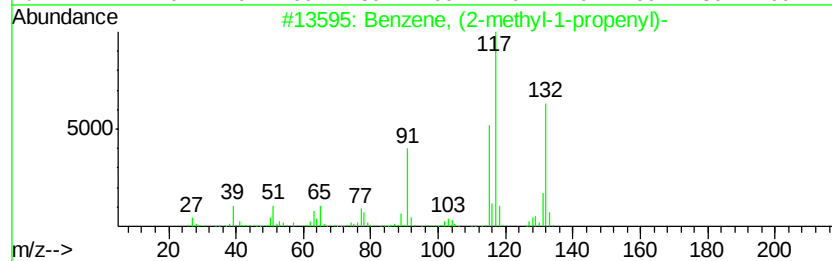
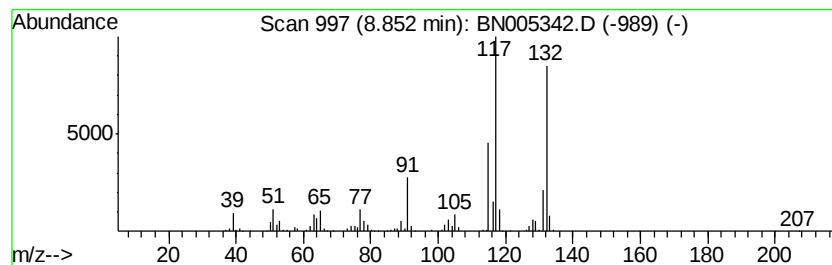
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, (2-methyl-1-propen... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.85	7.78 ng/ul	1089220	1,4-Dichlorobenzene-d4	7.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	95
2		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	95
3		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	95
4		Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	95
5		Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005342.D
Acq On : 27 Apr 2019 06:16
Operator : JU/SJ
Sample : K2481-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHW4

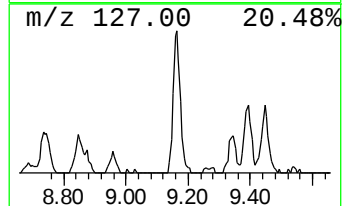
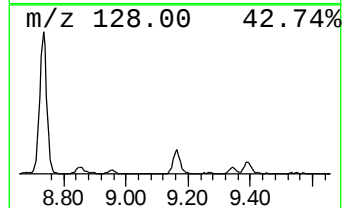
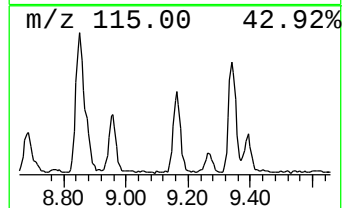
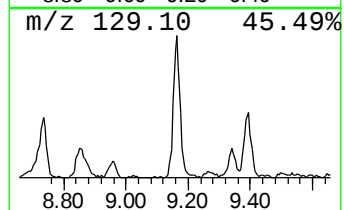
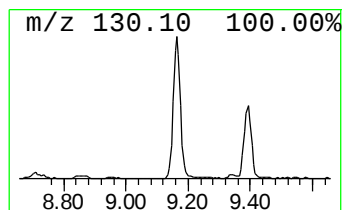
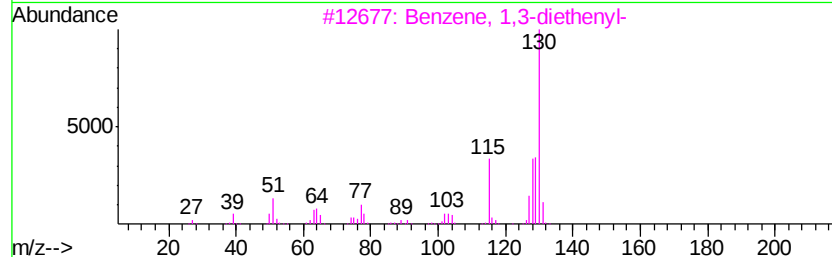
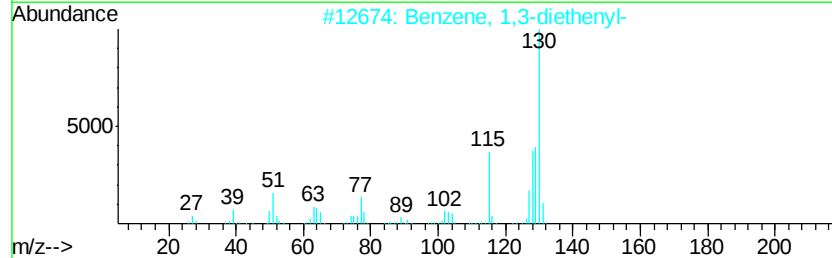
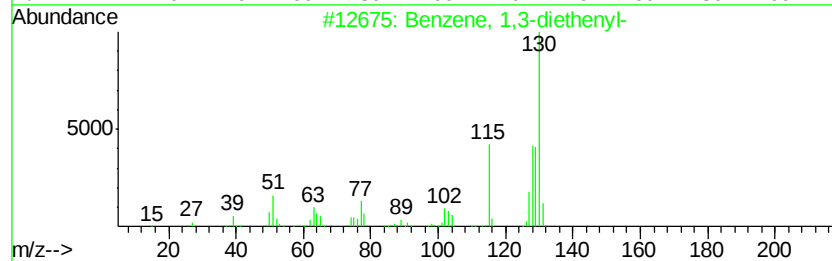
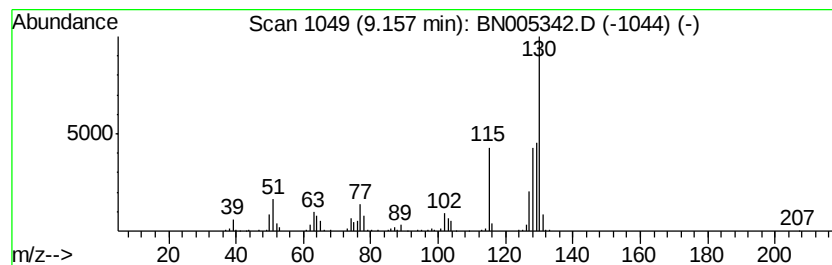
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Benzene, 1,3-diethenyl- Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.16	2.37 ng/ul	493339	Napthalene-d8	10.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethenyl-	130	C10H10	000108-57-6	97
2		Benzene, 1,3-diethenyl-	130	C10H10	000108-57-6	96
3		Benzene, 1,3-diethenyl-	130	C10H10	000108-57-6	93
4		Benzene, 1,4-diethenyl-	130	C10H10	000105-06-6	93
5		Benzene, 1,4-diethenyl-	130	C10H10	000105-06-6	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005342.D
Acq On : 27 Apr 2019 06:16
Operator : JU/SJ
Sample : K2481-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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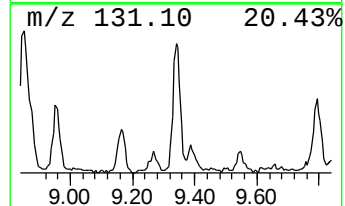
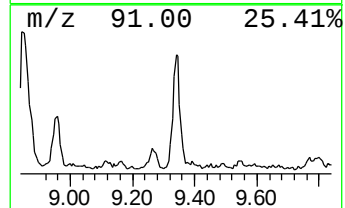
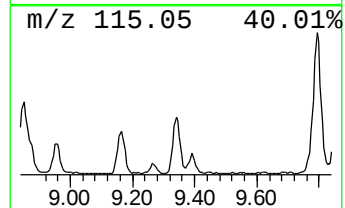
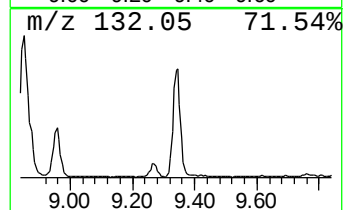
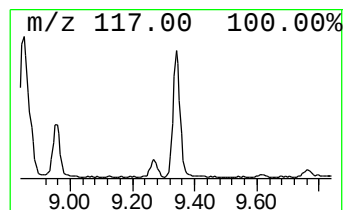
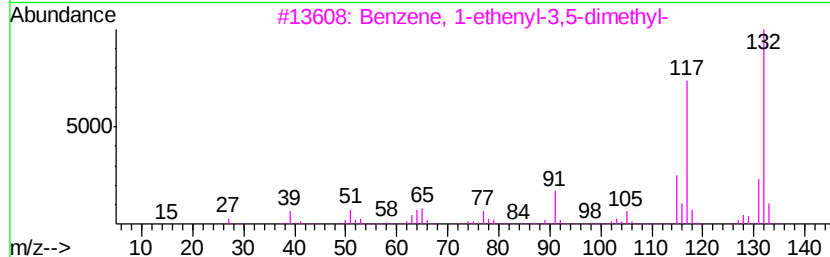
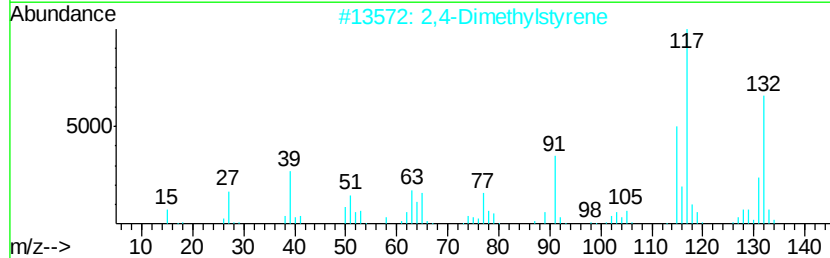
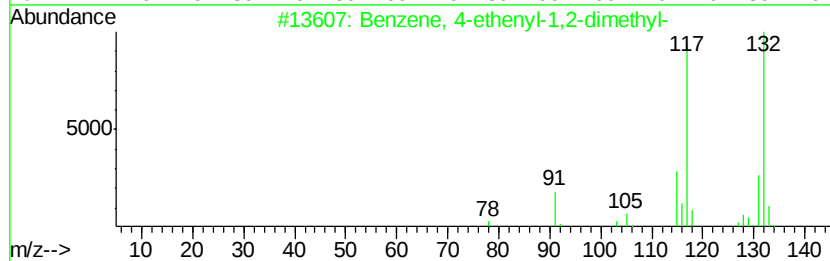
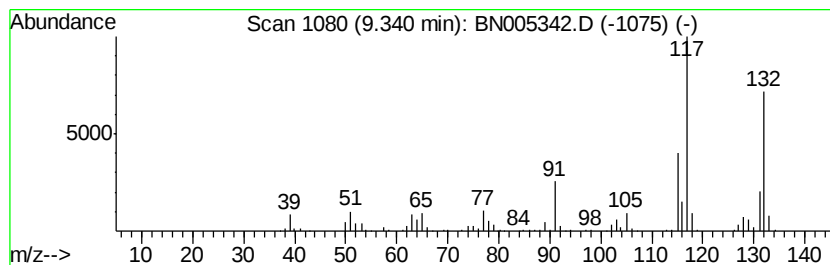
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Benzene, 4-ethenyl-1,2-dime... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.34	3.37 ng/ul	700820	Naphthalene-d8	10.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	97
2		2,4-Dimethylstyrene	132	C10H12	002234-20-0	96
3		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	96
4		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
5		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005342.D
Acq On : 27 Apr 2019 06:16
Operator : JU/SJ
Sample : K2481-11
Misc :
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Instrument :
BNA_N
ClientSampleId :
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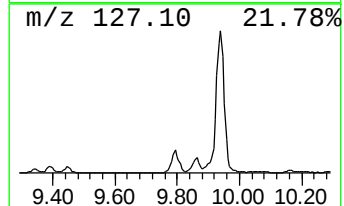
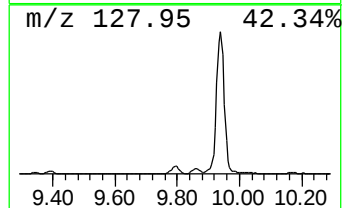
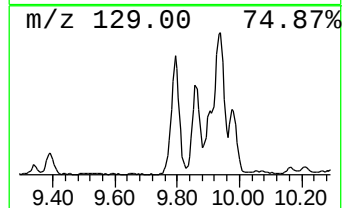
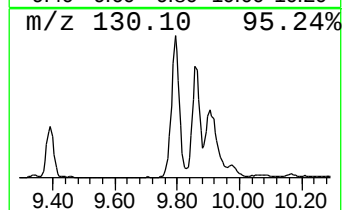
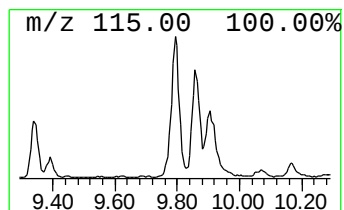
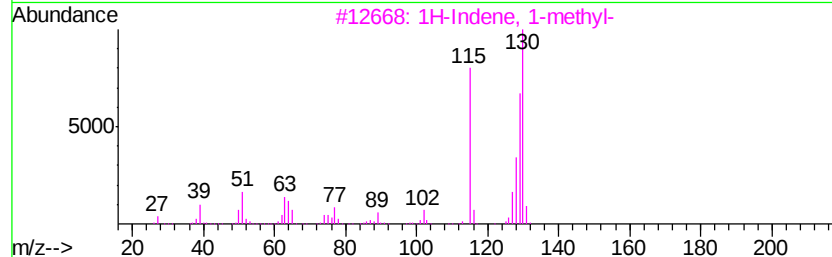
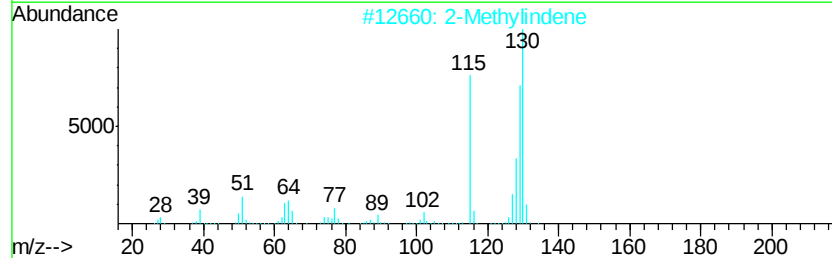
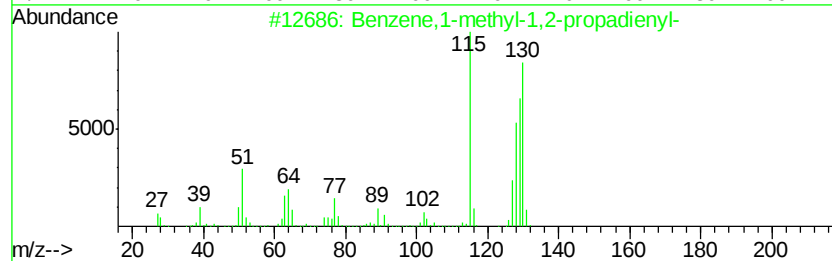
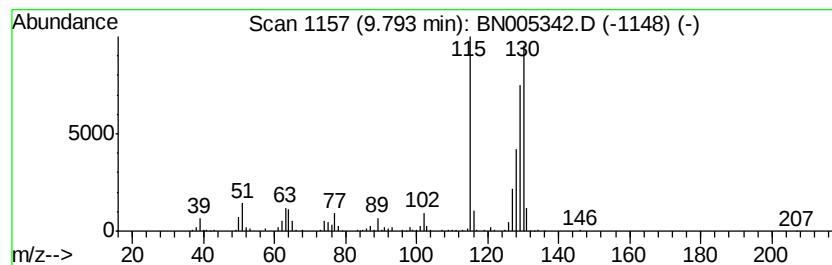
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Benzene,1-methyl-1,2-propad... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	4.53 ng/ul	943552	Napthalene-d8	10.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	96
2		2-Methylindene	130	C10H10	002177-47-1	96
3		1H-Indene, 1-methyl-	130	C10H10	000767-59-9	95
4		1H-Indene, 3-methyl-	130	C10H10	000767-60-2	94
5		Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005342.D
Acq On : 27 Apr 2019 06:16
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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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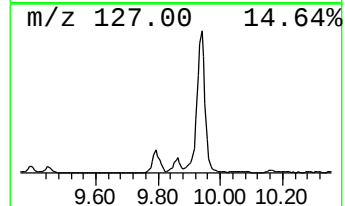
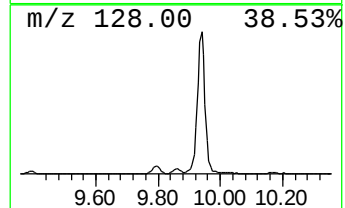
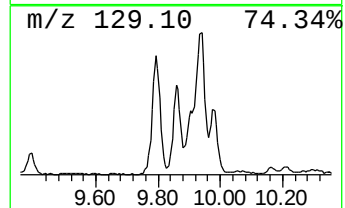
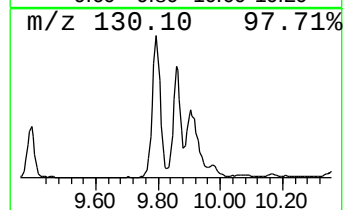
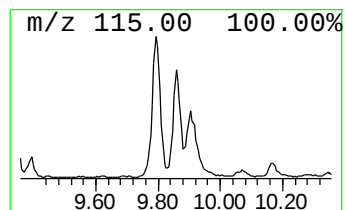
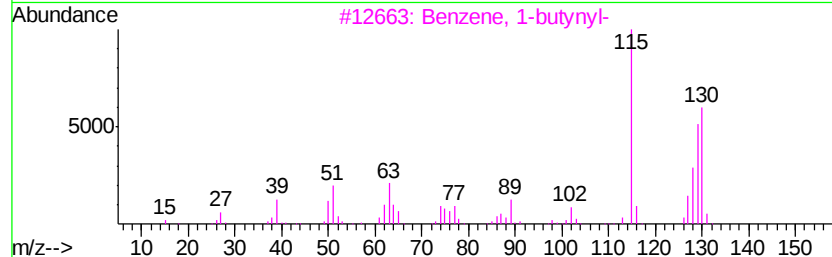
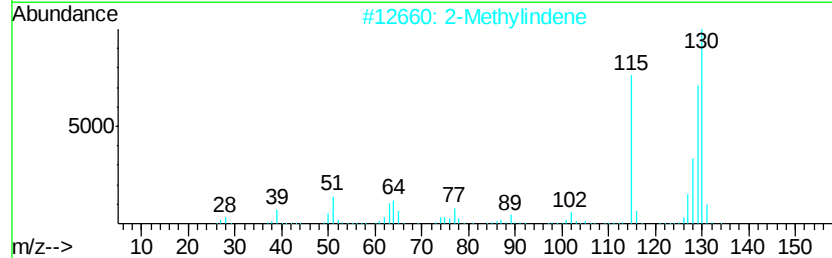
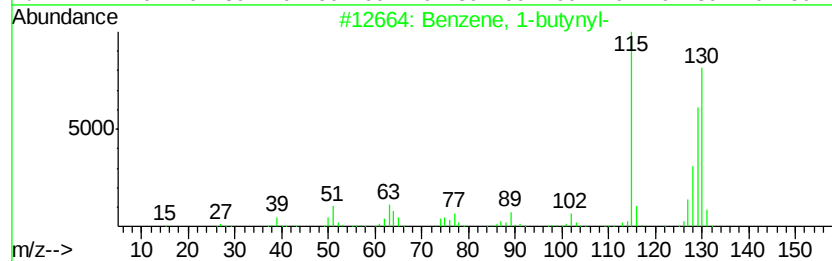
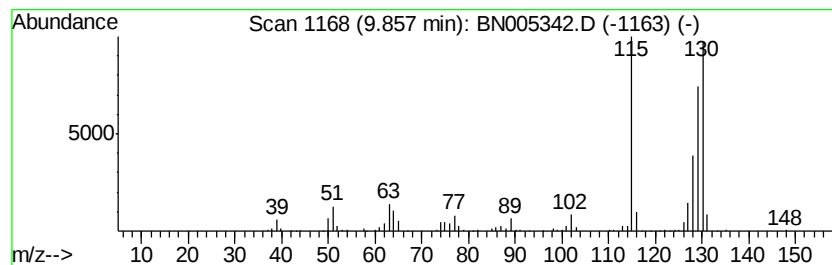
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Benzene, 1-butynyl- Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.86	2.78 ng/ul	579414	Naphthalene-d8	10.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-butynyl-	130	C10H10	000622-76-4	96
2		2-Methylindene	130	C10H10	002177-47-1	95
3		Benzene, 1-butynyl-	130	C10H10	000622-76-4	95
4		2-Methylindene	130	C10H10	002177-47-1	95
5		Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005342.D
Acq On : 27 Apr 2019 06:16
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Sample : K2481-11
Misc :
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ClientSampleId :
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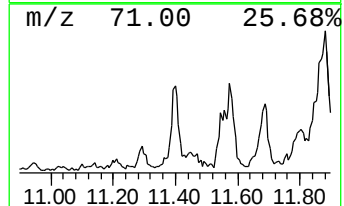
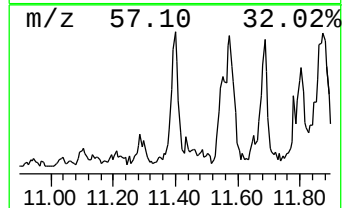
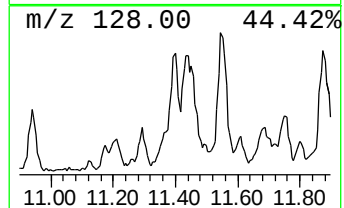
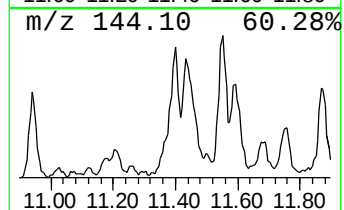
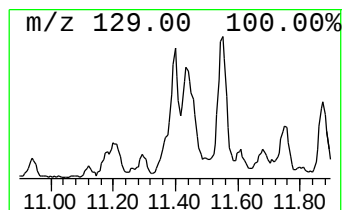
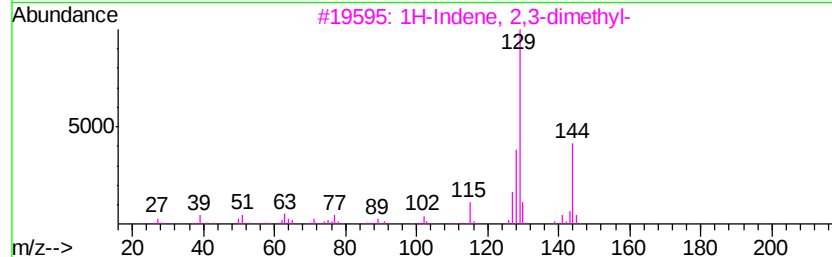
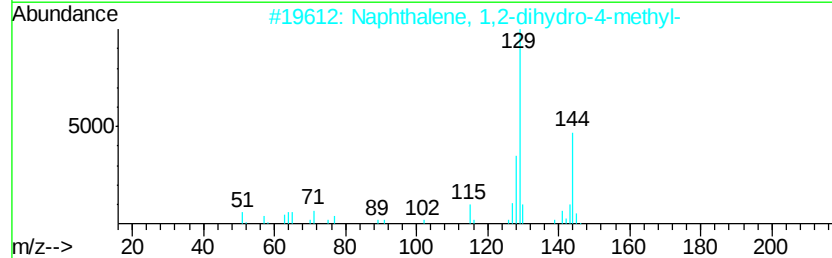
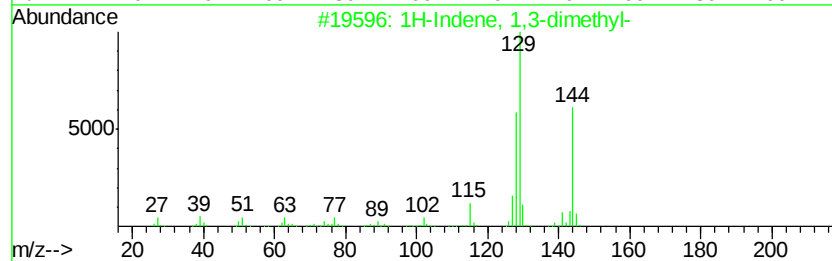
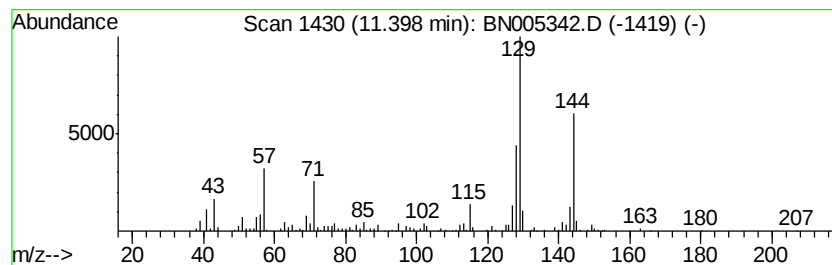
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 1H-Indene, 1,3-dimethyl- Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.40	2.07 ng/ul	430533	Naphthalene-d8	10.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	93
2		Naphthalene, 1,2-dihydro-4-methyl-	144	C11H12	004373-13-1	93
3		1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	90
4		1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	87
5		1H-Indene, 1-ethenyl-2,3-dihydro-	144	C11H12	051783-46-1	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005342.D
Acq On : 27 Apr 2019 06:16
Operator : JU/SJ
Sample : K2481-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHW4

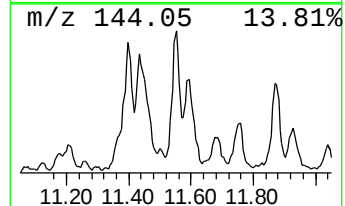
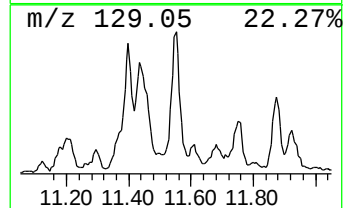
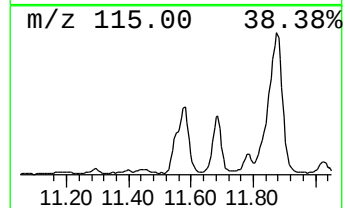
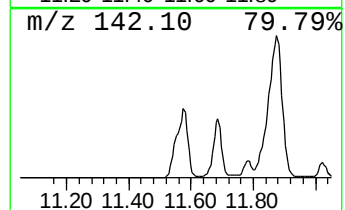
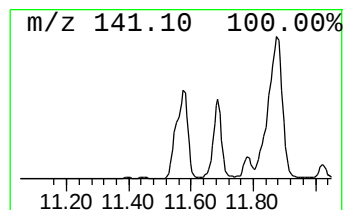
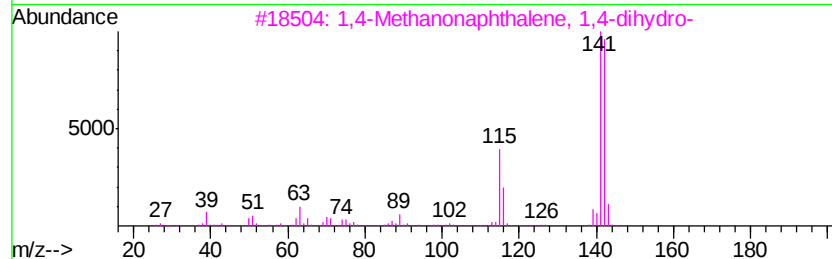
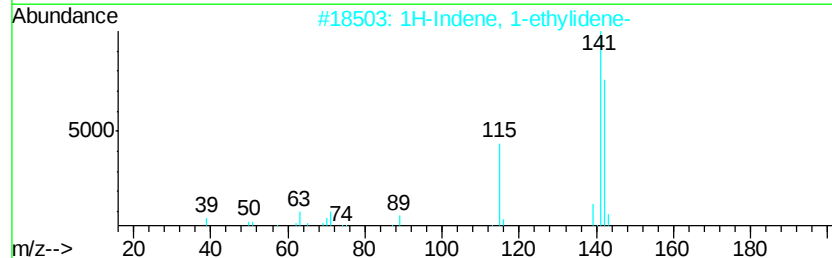
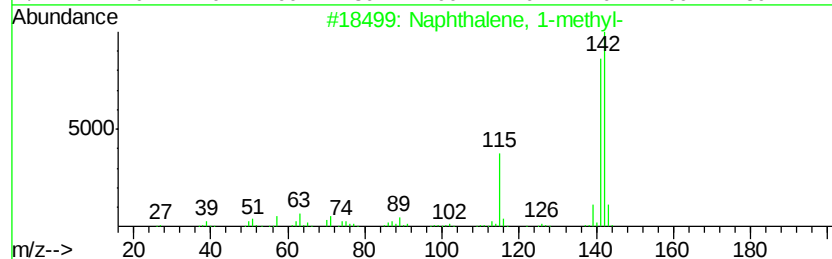
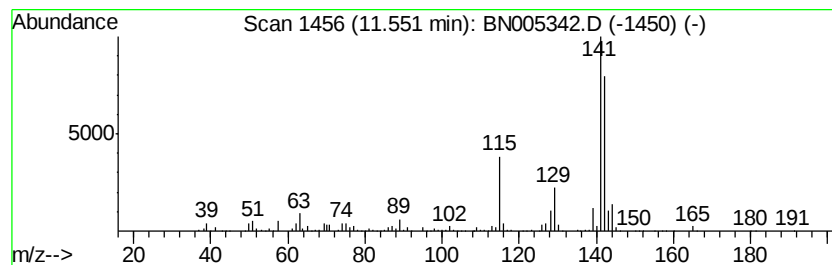
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 1H-Indene, 1-ethylidene- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	5.18 ng/ul	1078990	Naphthalene-d8	10.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
2		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	90
3		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	90
4		Benzocycloheptatriene	142	C11H10	000264-09-5	87
5		Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005342.D
Acq On : 27 Apr 2019 06:16
Operator : JU/SJ
Sample : K2481-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHW4

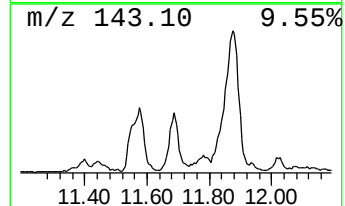
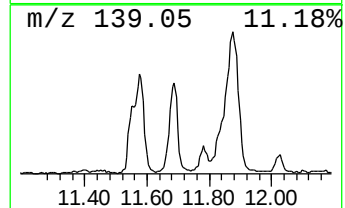
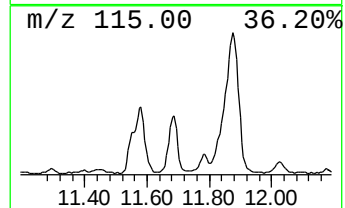
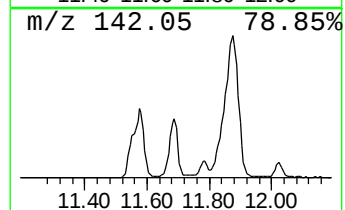
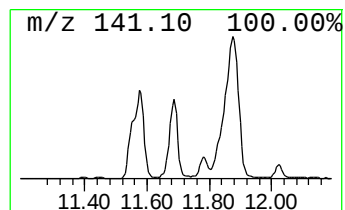
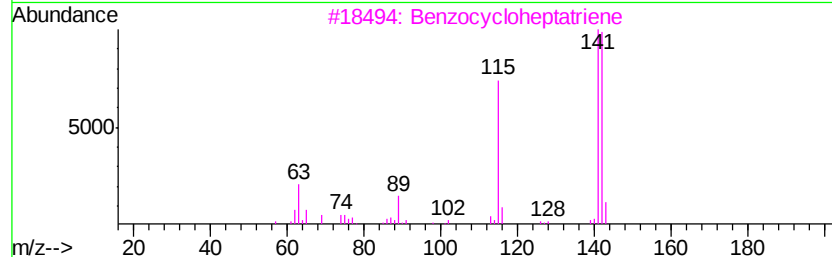
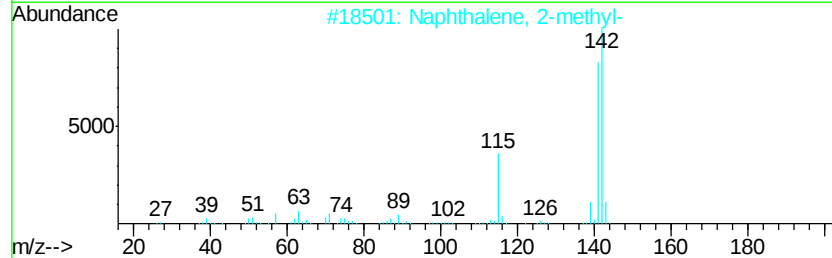
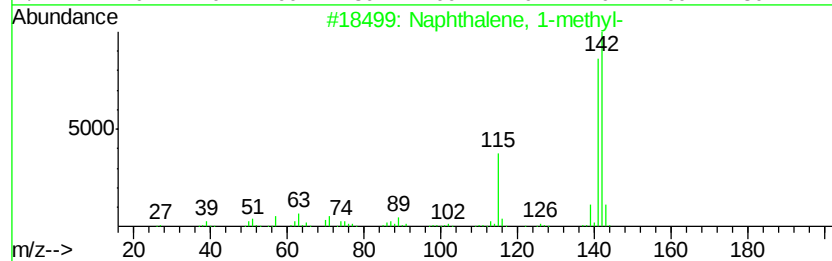
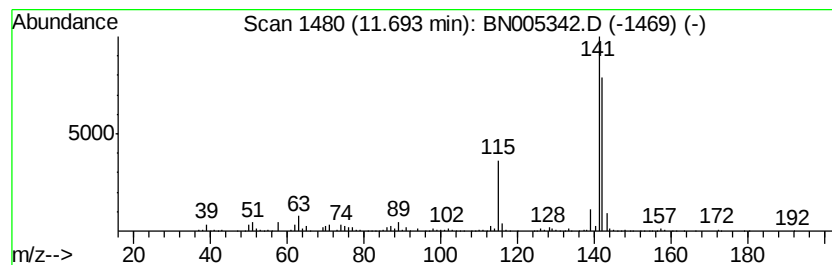
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Benzocycloheptatriene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	8.79 ng/ul	1830630	Naphthalene-d8	10.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
3		Benzocycloheptatriene	142	C11H10	000264-09-5	94
4		Benzocycloheptatriene	142	C11H10	000264-09-5	94
5		Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005342.D
Acq On : 27 Apr 2019 06:16
Operator : JU/SJ
Sample : K2481-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
GAHW4

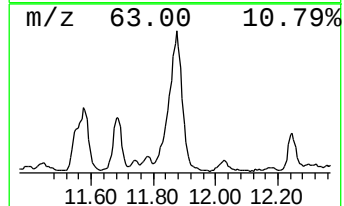
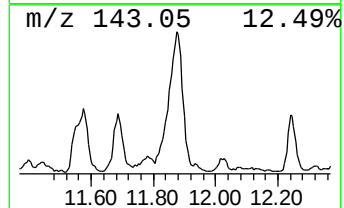
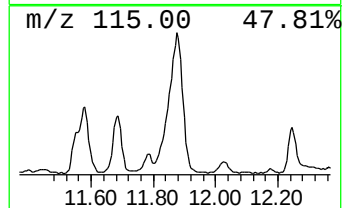
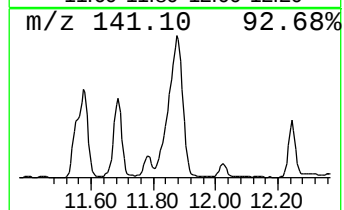
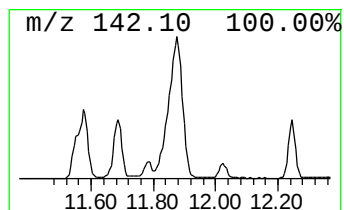
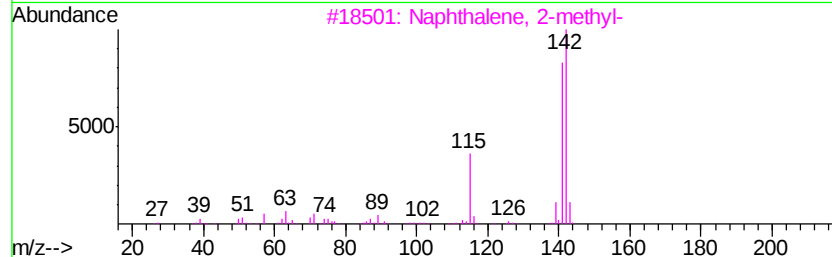
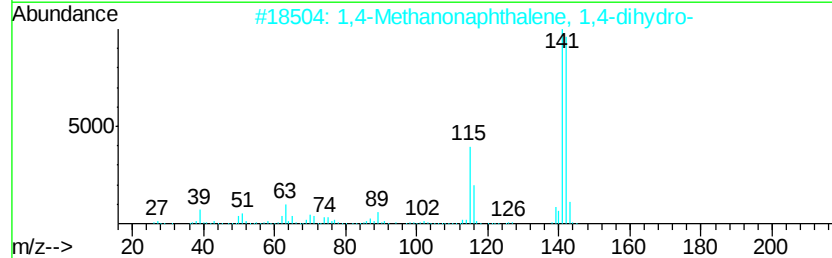
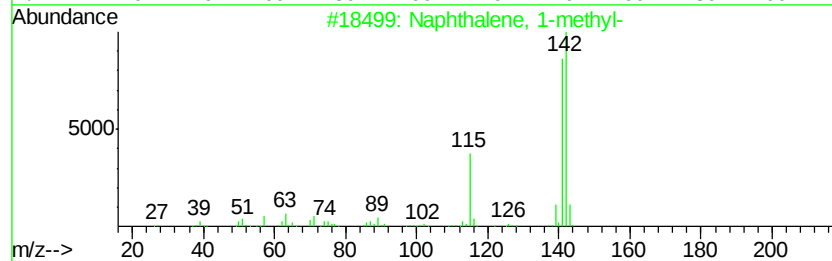
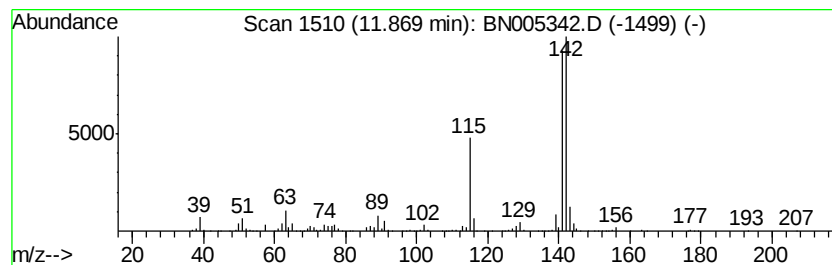
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 1,4-Methanonaphthalene, 1,4... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	28.73 ng/ul	5980690	Naphthalene-d8	10.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
2		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	93
3		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91
4		Benzocycloheptatriene	142	C11H10	000264-09-5	90
5		Benzocycloheptatriene	142	C11H10	000264-09-5	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005342.D
Acq On : 27 Apr 2019 06:16
Operator : JU/SJ
Sample : K2481-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHW4

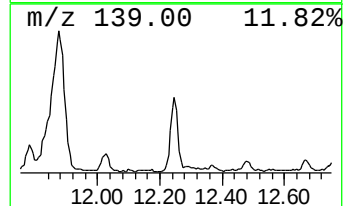
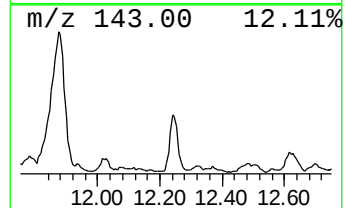
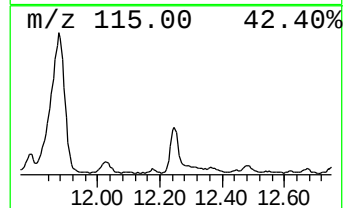
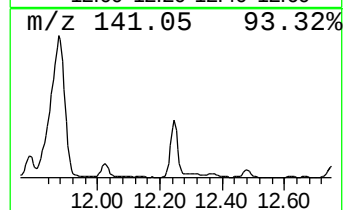
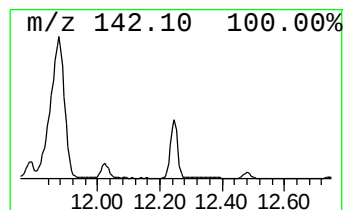
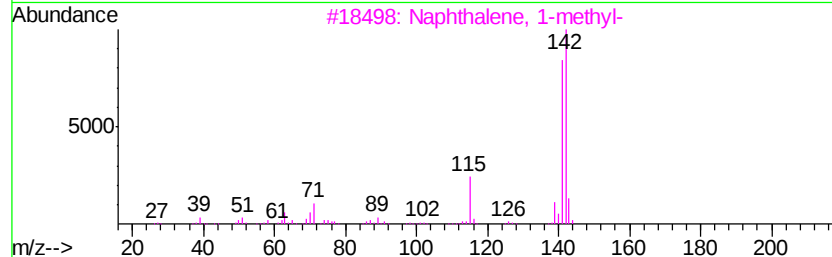
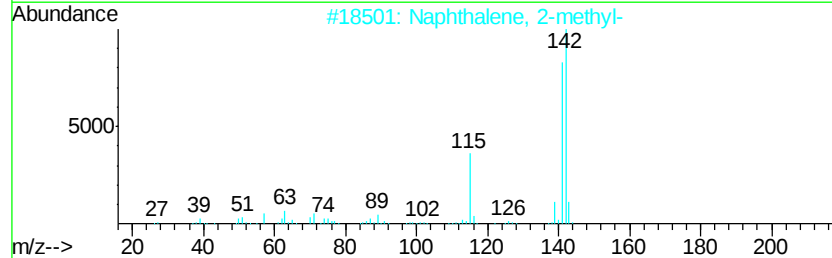
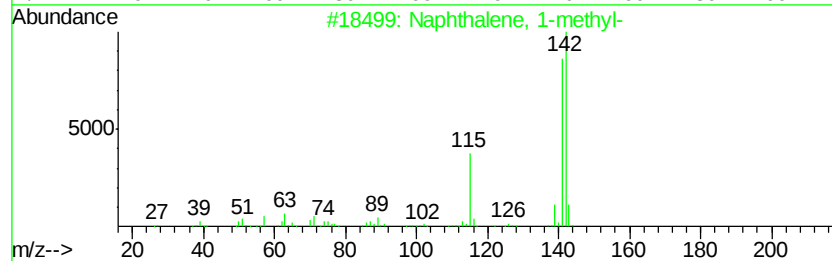
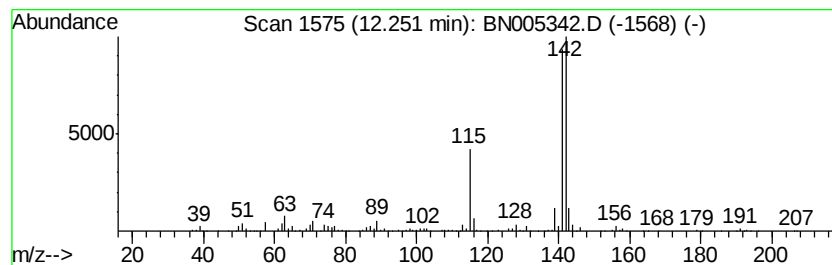
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Naphthalene, 1-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	6.47 ng/ul	1347050	Naphthalene-d8	10.35

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
4			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
5			Benzocycloheptatriene	142	C11H10	000264-09-5	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005342.D
Acq On : 27 Apr 2019 06:16
Operator : JU/SJ
Sample : K2481-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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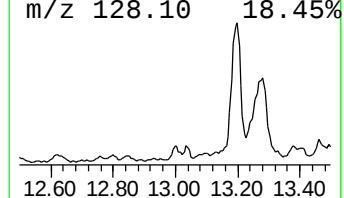
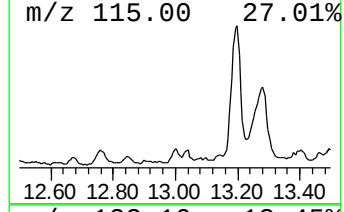
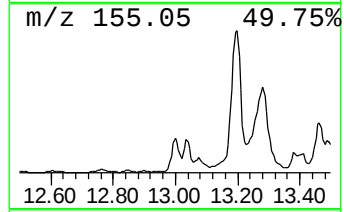
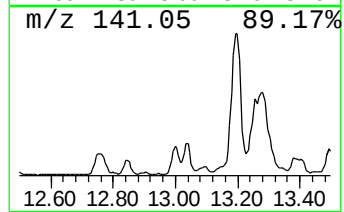
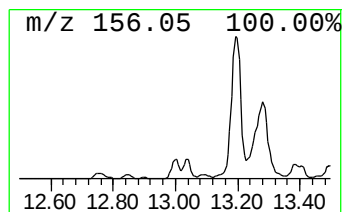
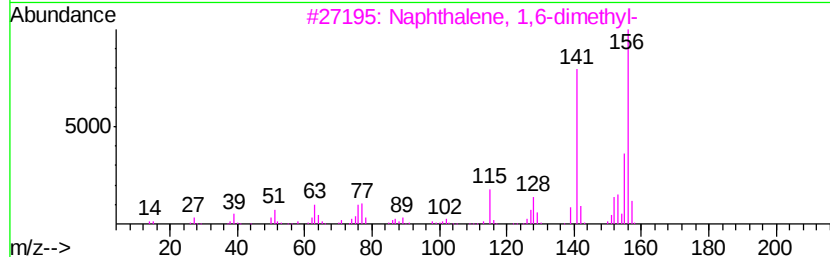
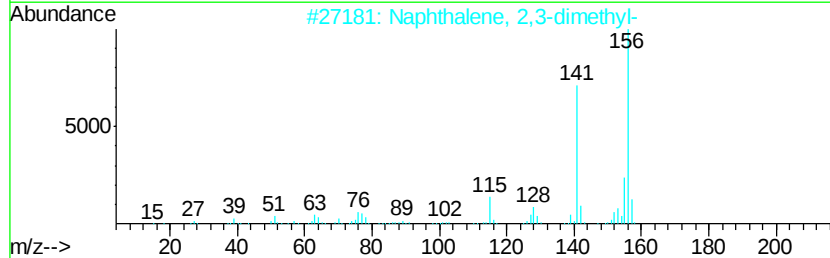
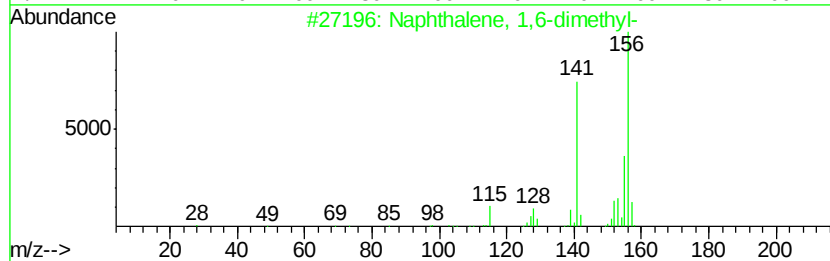
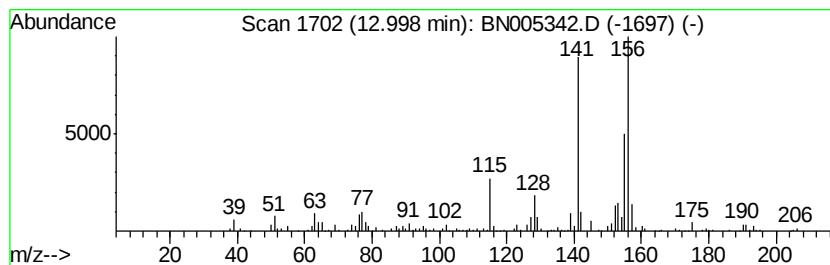
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Naphthalene, 1,6-dimethyl- Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	2.00 ng/ul	541149	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94
4		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94
5		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005342.D
Acq On : 27 Apr 2019 06:16
Operator : JU/SJ
Sample : K2481-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHW4

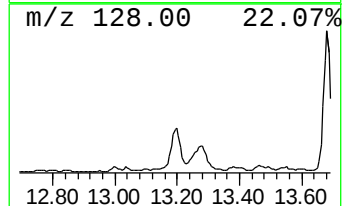
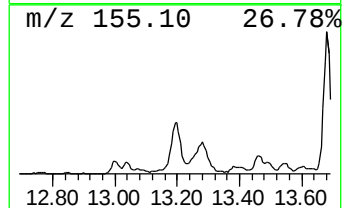
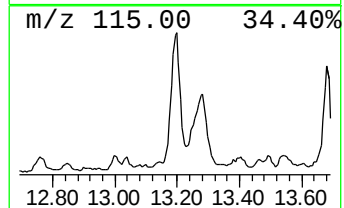
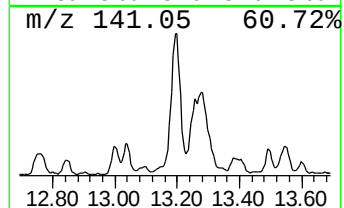
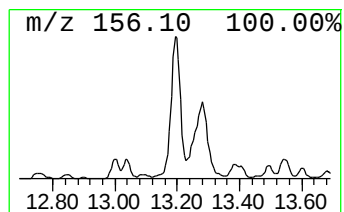
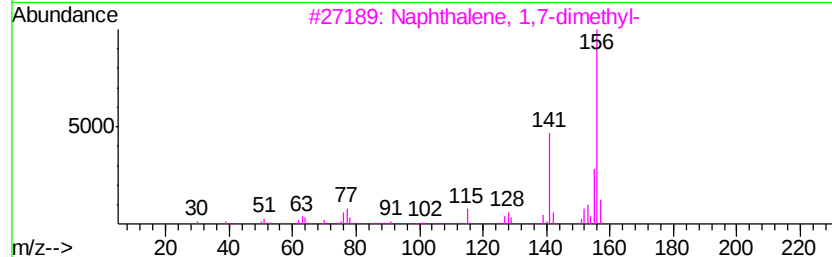
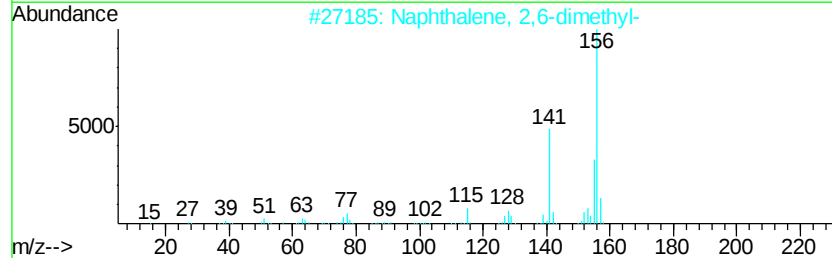
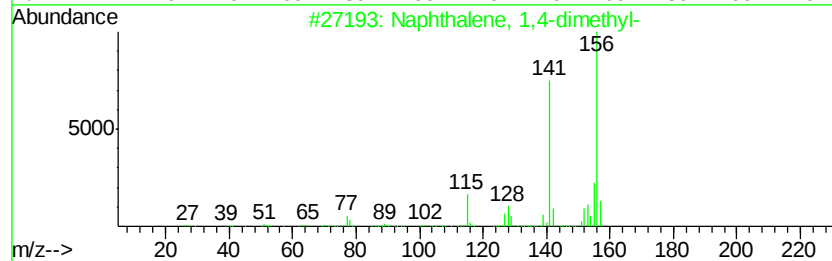
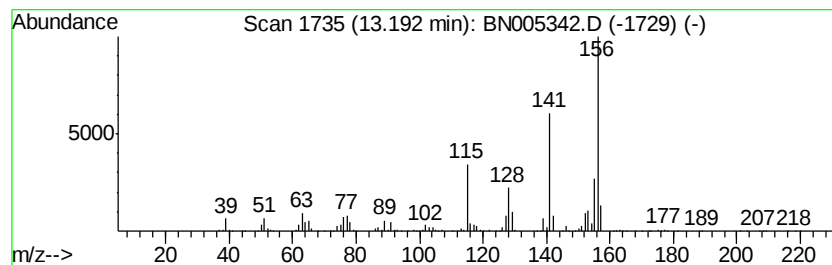
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Naphthalene, 1,4-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	12.34 ng/ul	3334600	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
2		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	94
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94
5		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
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Sample : K2481-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

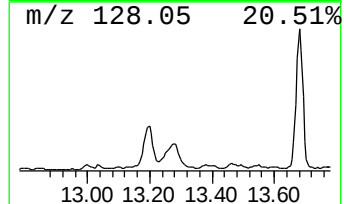
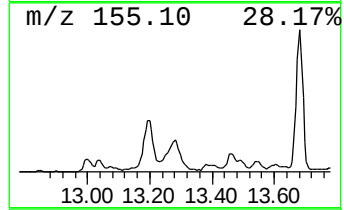
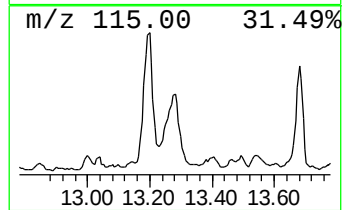
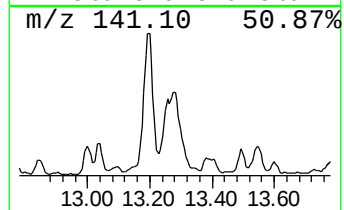
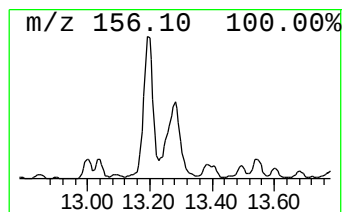
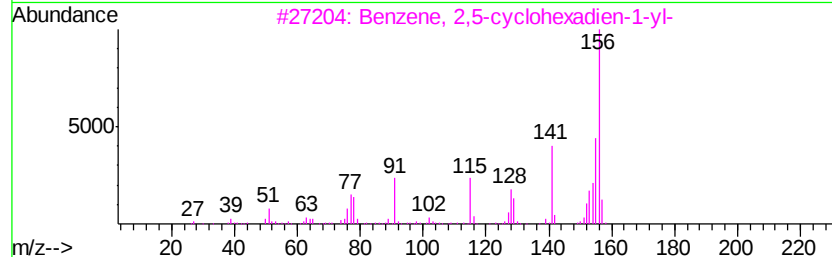
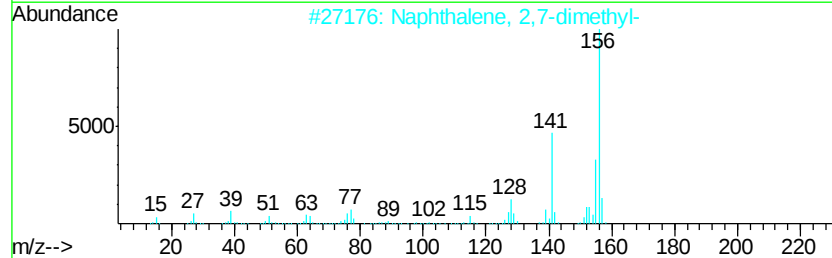
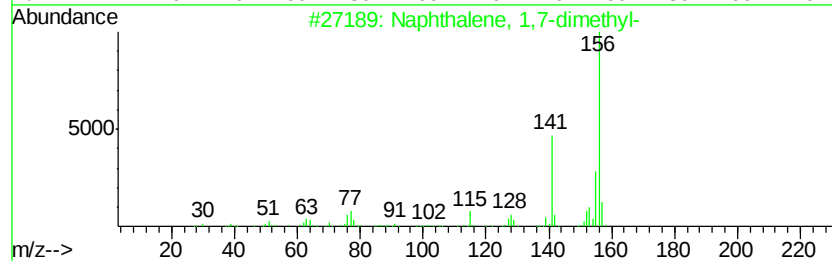
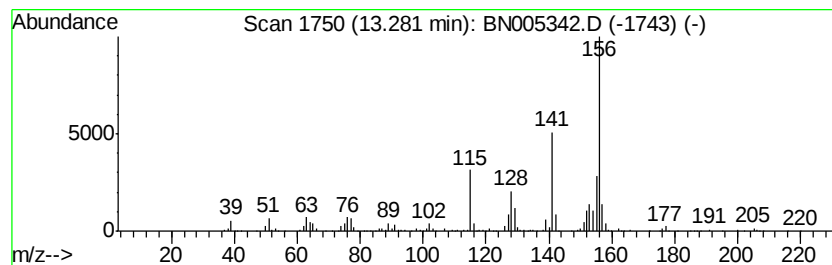
Instrument :
BNA_N
ClientSampled :
GAHW4

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Naphthalene, 1,7-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.28	9.20 ng/ul	2487600	Acenaphthene-d10	14.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 93
2		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 93
3		Benzene, 2,5-cyclohexadien-1-yl-	156 C12H12	004794-05-2 89
4		Naphthalene, 1,4-dimethyl-	156 C12H12	000571-58-4 87
5		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 81



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005342.D
Acq On : 27 Apr 2019 06:16
Operator : JU/SJ
Sample : K2481-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHW4

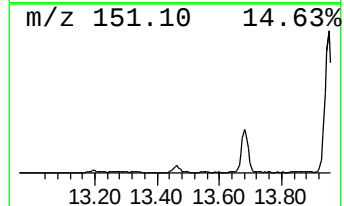
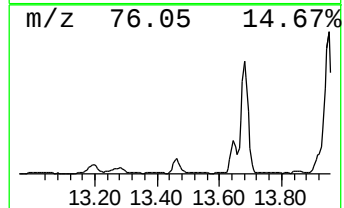
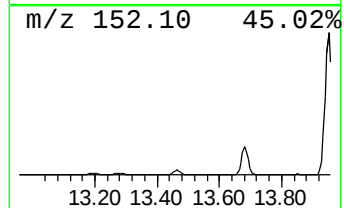
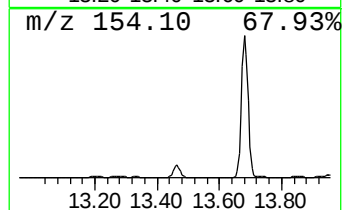
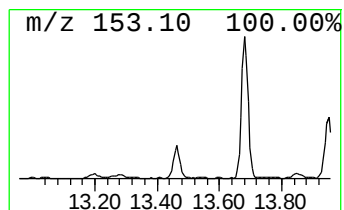
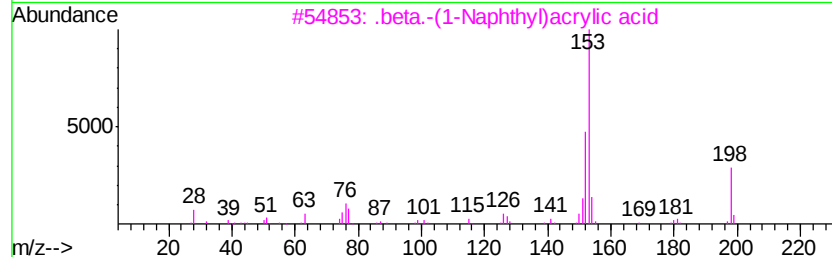
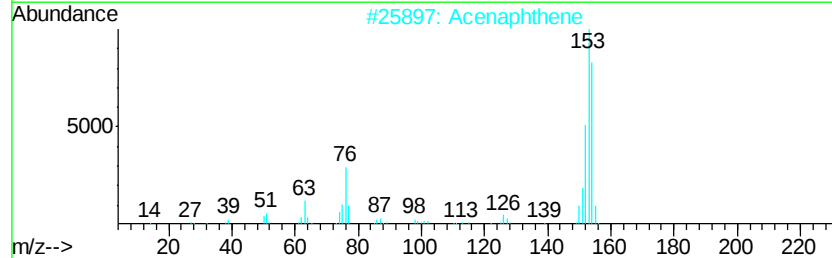
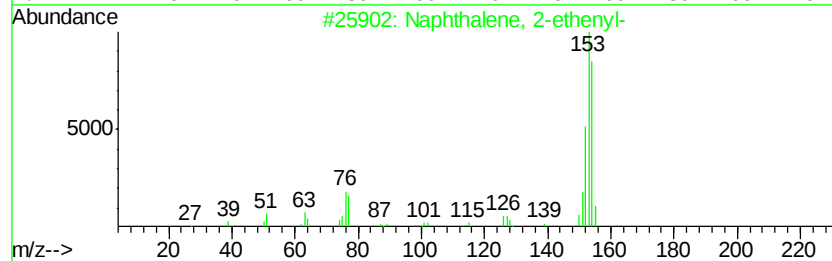
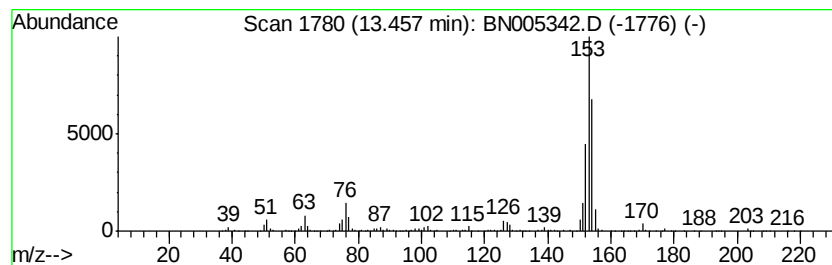
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Naphthalene, 2-ethenyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.46	6.94 ng/ul	1876240	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	89
2		Acenaphthene	154	C12H10	000083-32-9	70
3		.beta.-(1-Naphthyl)acrylic acid	198	C13H10O2	013026-12-5	64
4		Acenaphthene	154	C12H10	000083-32-9	60
5		1,4-Ethenonaphthalene, 1,4-dihydro-	154	C12H10	007322-47-6	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005342.D
Acq On : 27 Apr 2019 06:16
Operator : JU/SJ
Sample : K2481-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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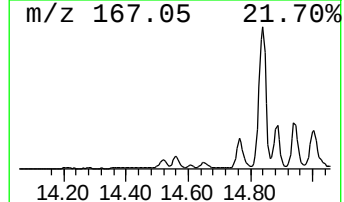
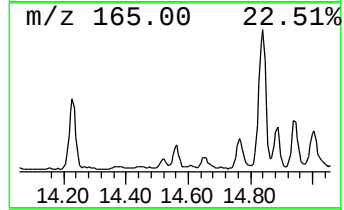
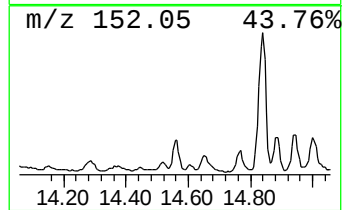
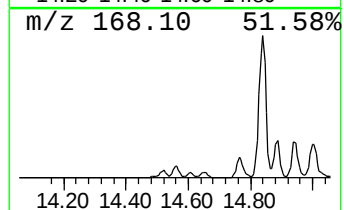
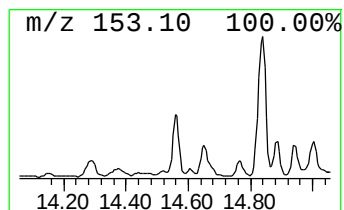
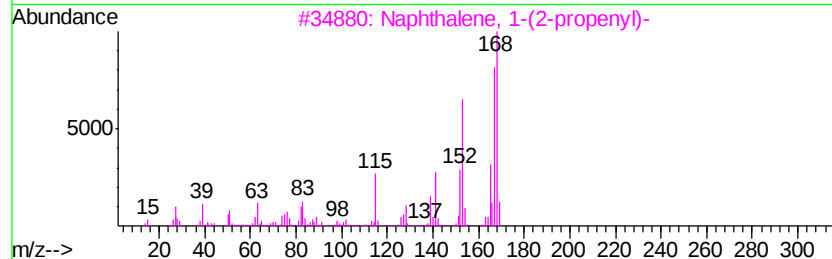
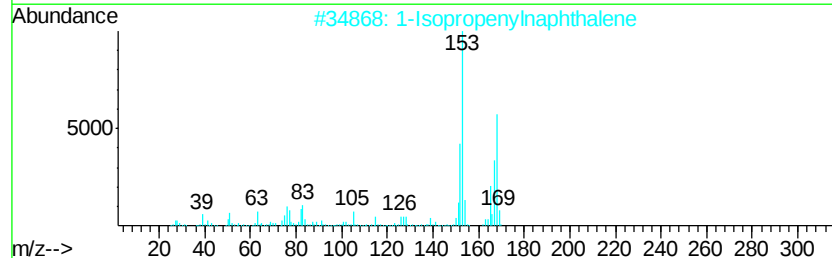
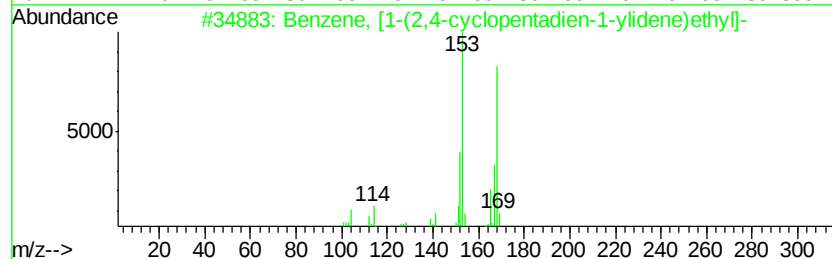
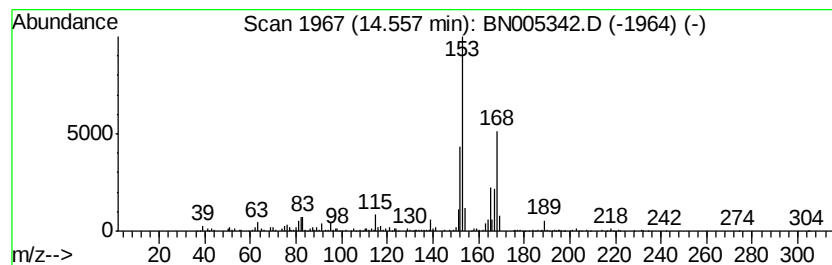
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 Benzene, [1-(2,4-cyclopenta... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	2.28 ng/ul	617600	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	87
2		1-Isopropenylnaphthalene	168	C13H12	001855-47-6	81
3		Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	72
4		Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	53
5		5-Acetyl-2-methyl-3-thiophenecar...	168	C8H8O2S	090345-55-4	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005342.D
Acq On : 27 Apr 2019 06:16
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Sample : K2481-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHW4

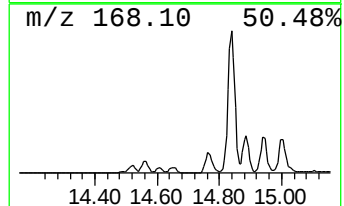
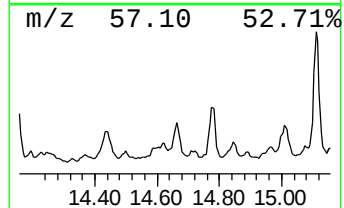
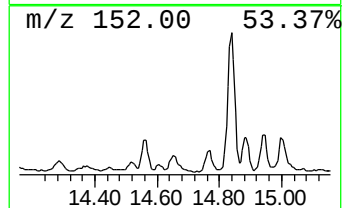
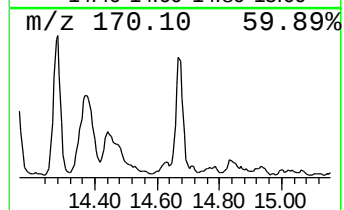
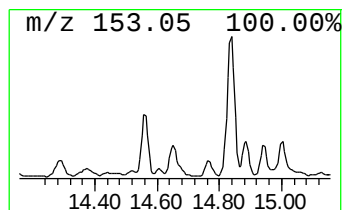
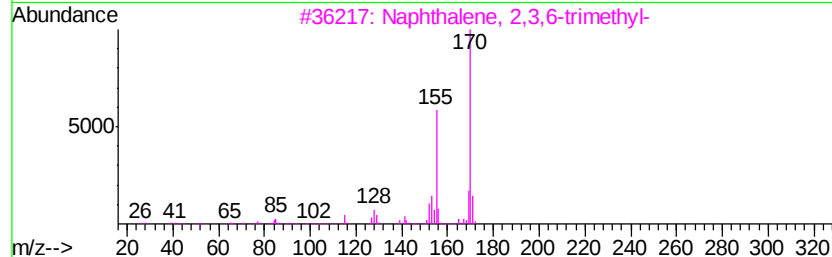
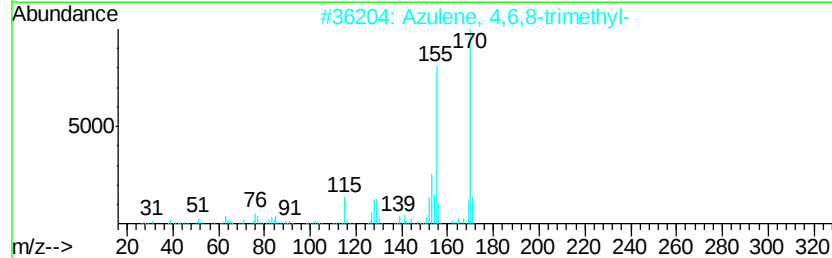
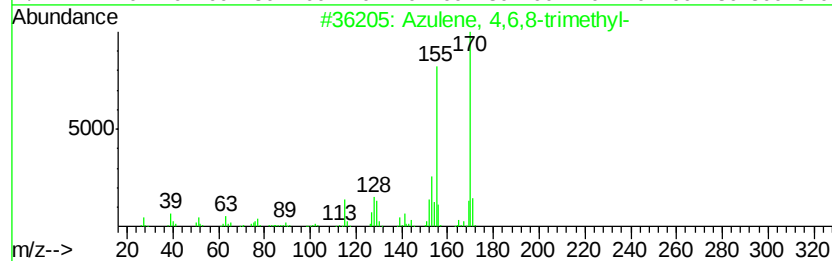
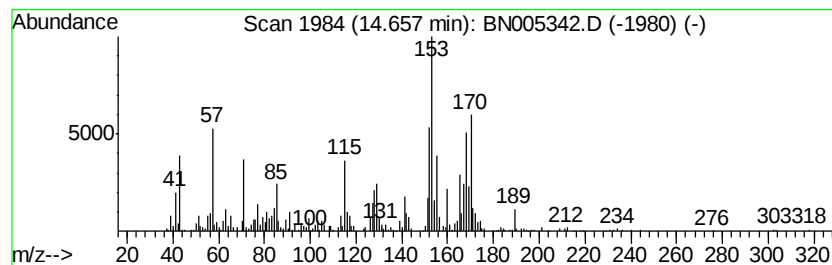
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 Azulene, 4,6,8-trimethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	5.74 ng/ul	1551330	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	89
2		Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	87
3		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	76
4		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	70
5		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005342.D
Acq On : 27 Apr 2019 06:16
Operator : JU/SJ
Sample : K2481-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

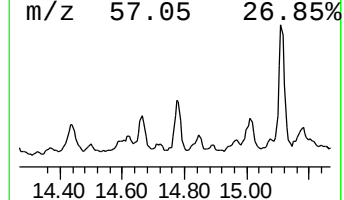
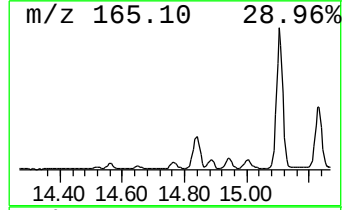
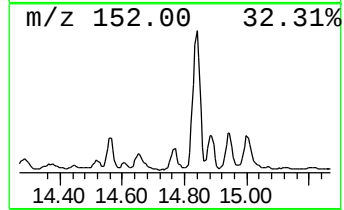
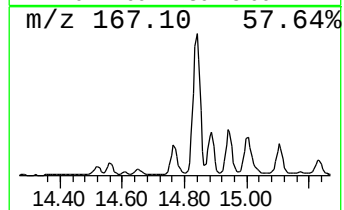
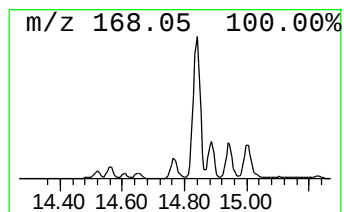
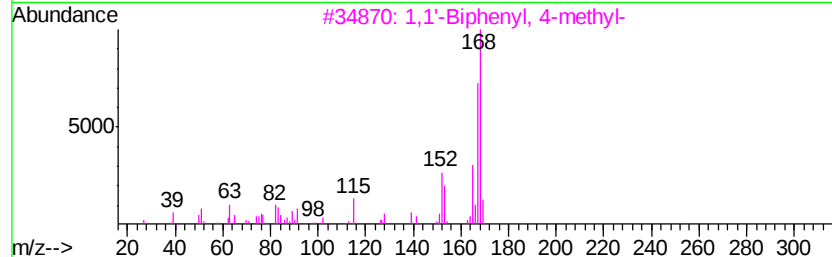
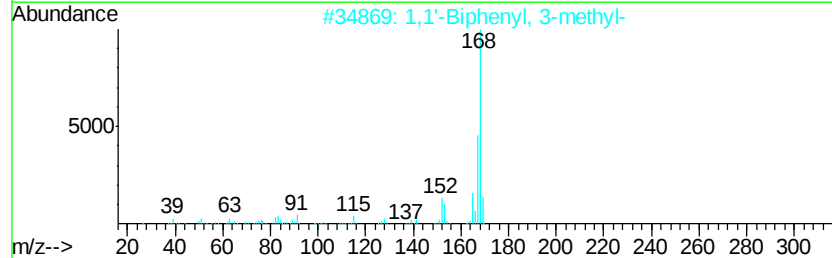
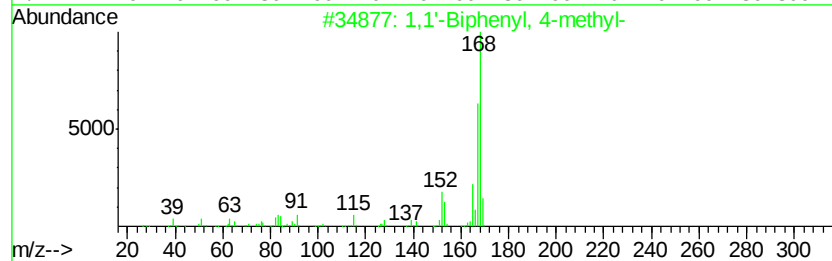
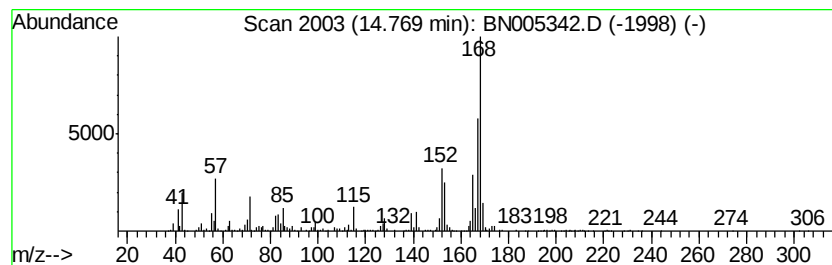
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 1,1'-Biphenyl, 4-methyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD		R.T.
14.77	5.34 ng/ul	1442490	Acenaphthene-d10		14.23
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	96
2	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	93
3	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	91
4	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	91
5	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
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Acq On : 27 Apr 2019 06:16
Operator : JU/SJ
Sample : K2481-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

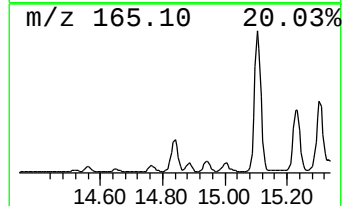
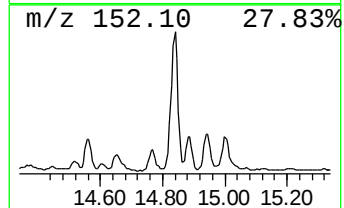
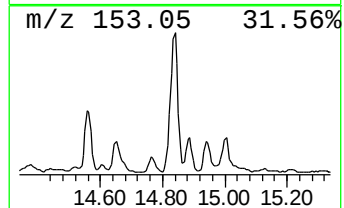
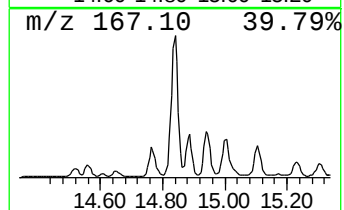
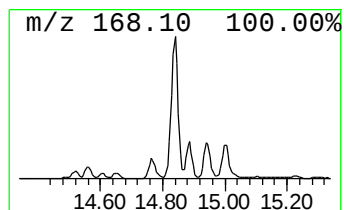
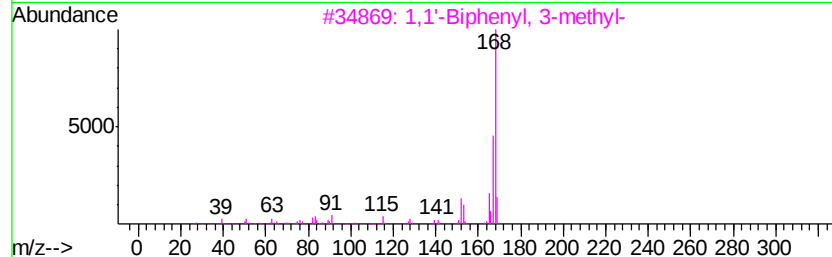
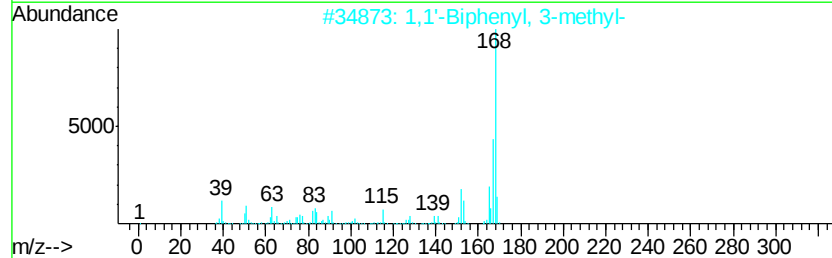
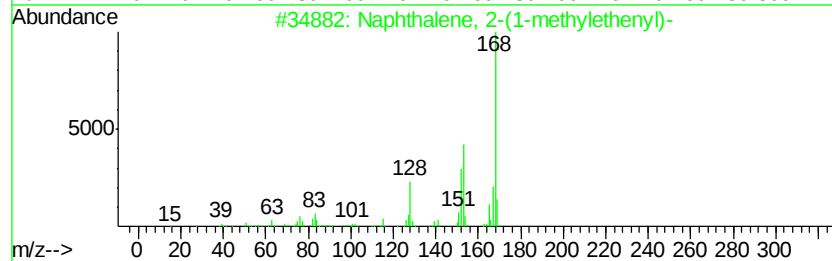
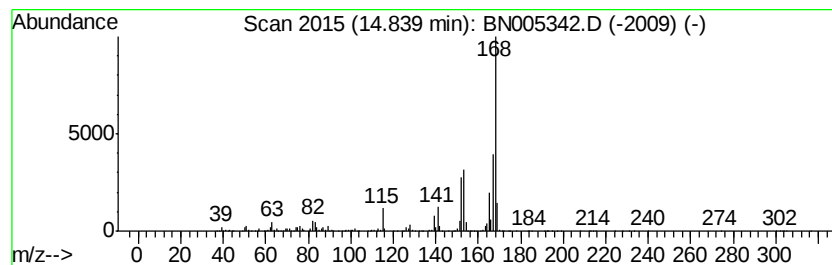
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 Naphthalene, 2-(1-methyleth... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	21.42 ng/ul	5788600	Acenaphthene-d10	14.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2-(1-methylethenyl)-	168 C13H12	003710-23-4 72
2		1,1'-Biphenyl, 3-methyl-	168 C13H12	000643-93-6 64
3		1,1'-Biphenyl, 3-methyl-	168 C13H12	000643-93-6 58
4		1,1'-Biphenyl, 2-methyl-	168 C13H12	000643-58-3 58
5		1,1'-Biphenyl, 2-methyl-	168 C13H12	000643-58-3 50



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005342.D
Acq On : 27 Apr 2019 06:16
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Sample : K2481-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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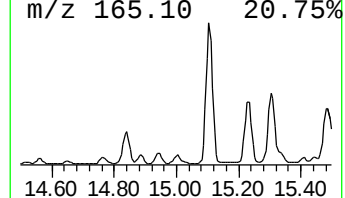
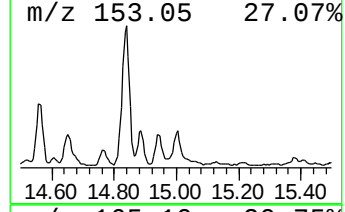
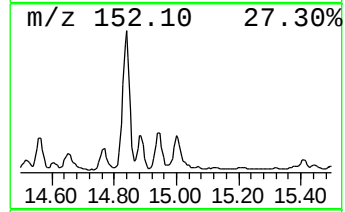
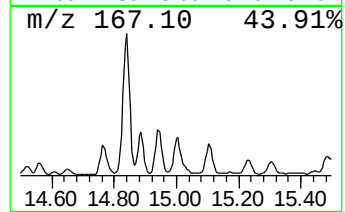
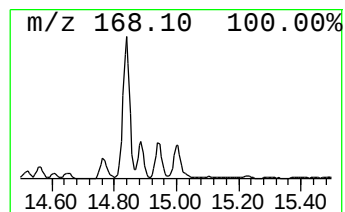
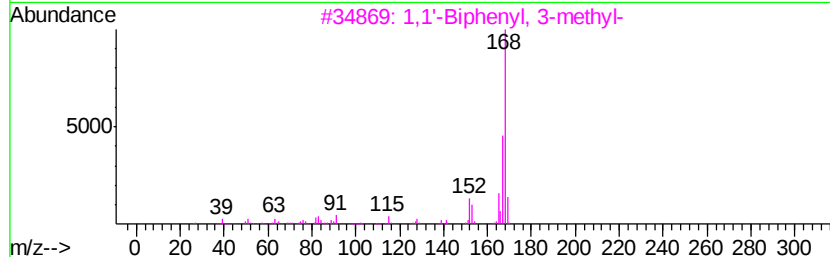
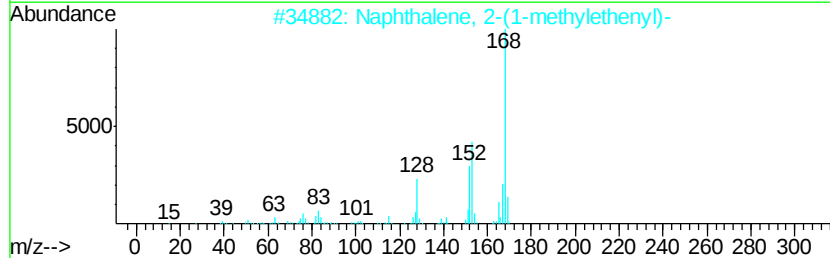
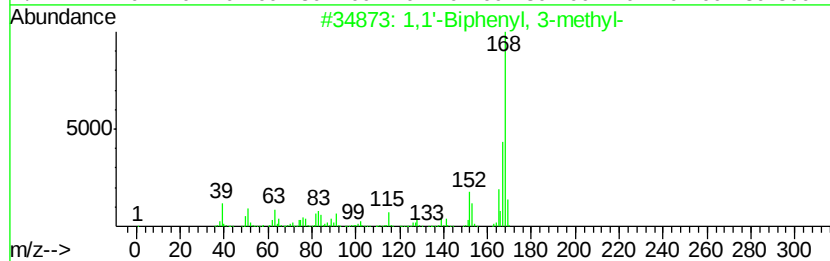
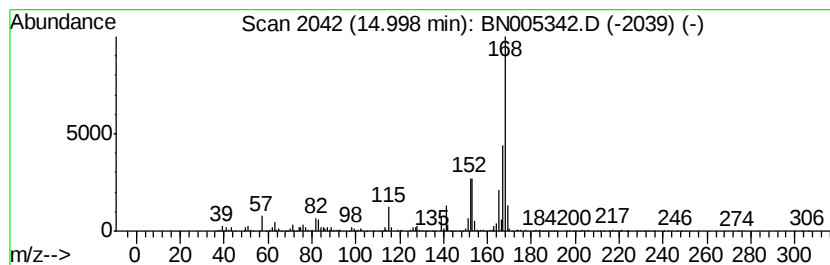
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 27 1,1'-Biphenyl, 3-methyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.00	5.97 ng/ul	1613080	Acenaphthene-d10	14.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	72
2			Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	68
3			1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	64
4			1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	59
5			1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
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Acq On : 27 Apr 2019 06:16
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Misc :
ALS Vial : 25 Sample Multiplier: 1

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ClientSampleId :
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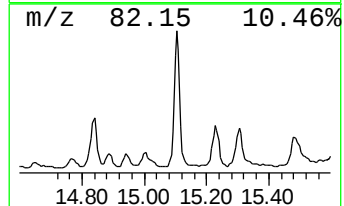
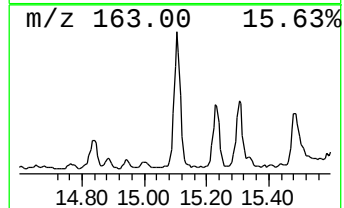
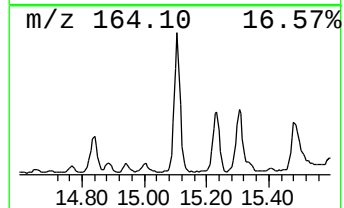
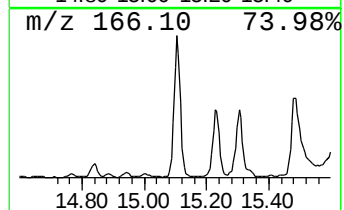
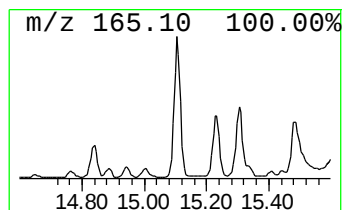
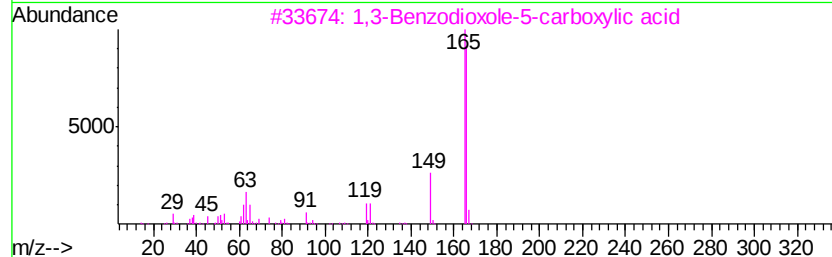
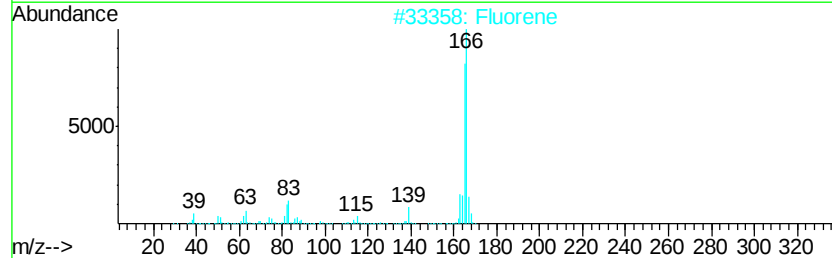
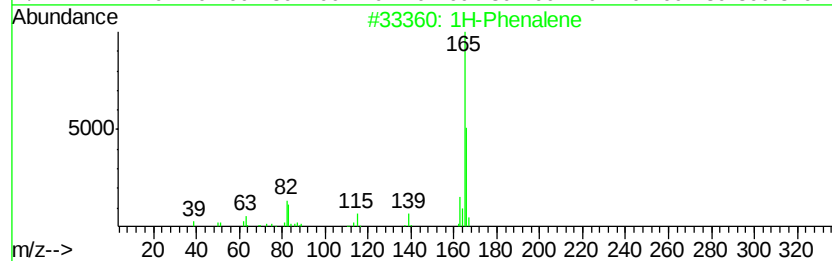
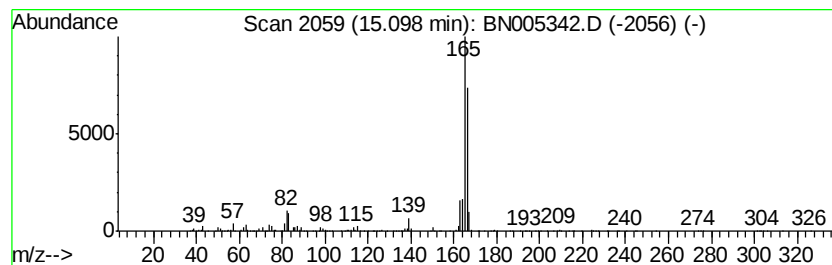
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 28 1H-Phenalene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	15.36 ng/ul	4151660	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Phenalene	166	C13H10	000203-80-5	87
2		Fluorene	166	C13H10	000086-73-7	70
3		1,3-Benzodioxole-5-carboxylic acid	166	C8H6O4	000094-53-1	64
4		Benzaldehyde, 2,4-dihydroxy-3,6-...	166	C9H10O3	034883-14-2	64
5		Fluorene	166	C13H10	000086-73-7	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005342.D
Acq On : 27 Apr 2019 06:16
Operator : JU/SJ
Sample : K2481-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHW4

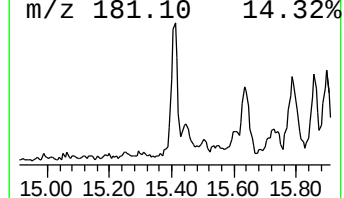
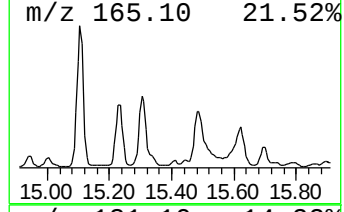
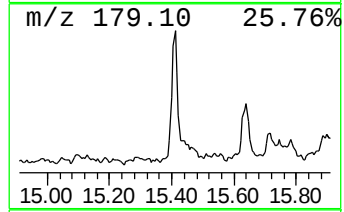
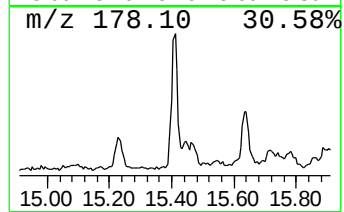
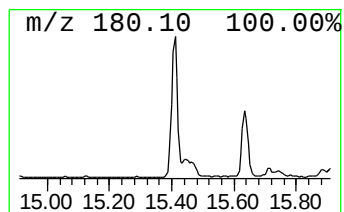
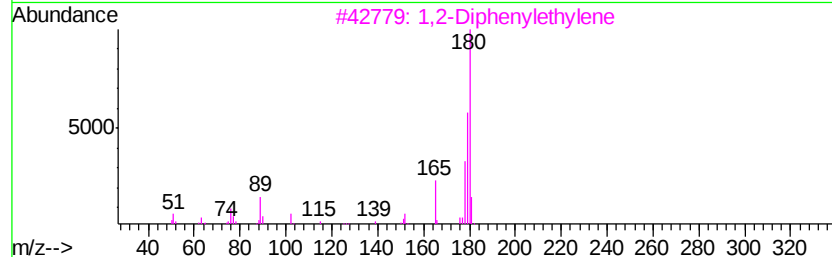
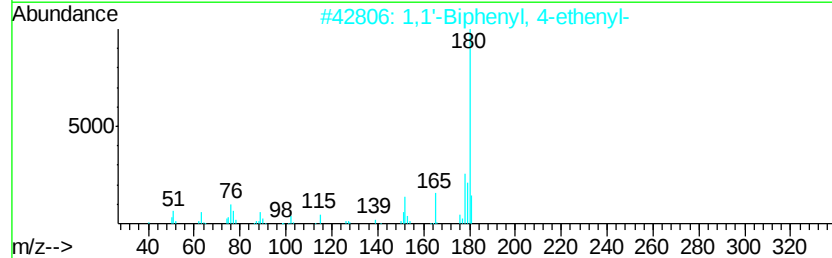
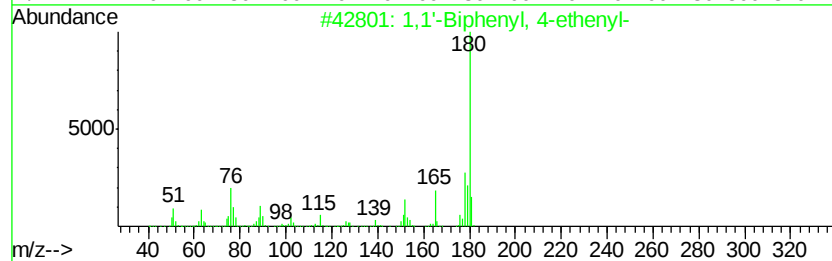
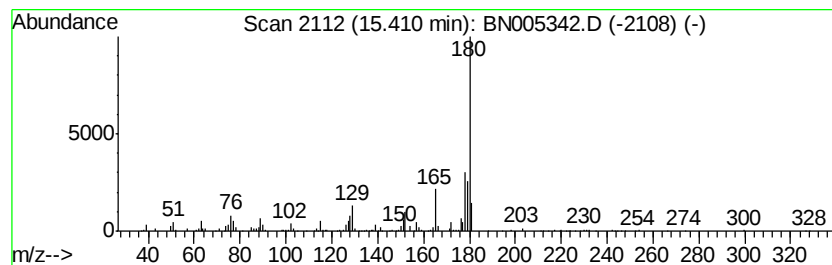
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 29 1,1'-Biphenyl, 4-ethenyl- Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.41	2.25 ng/ul	608052	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 4-ethenyl-	180	C14H12	002350-89-2	95
2		1,1'-Biphenyl, 4-ethenyl-	180	C14H12	002350-89-2	76
3		1,2-Diphenylethylene	180	C14H12	000588-59-0	58
4		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	53
5		9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005342.D
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Operator : JU/SJ
Sample : K2481-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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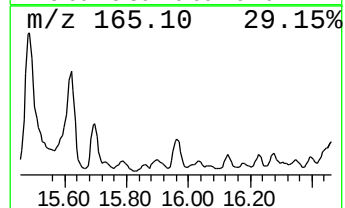
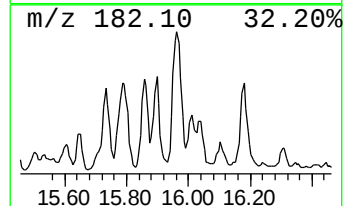
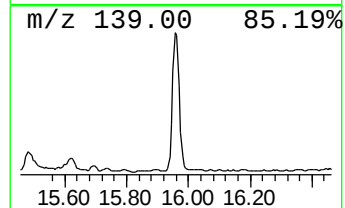
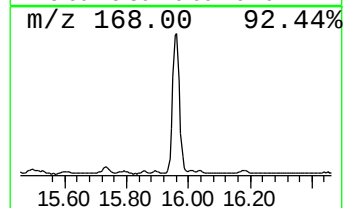
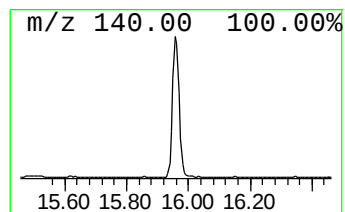
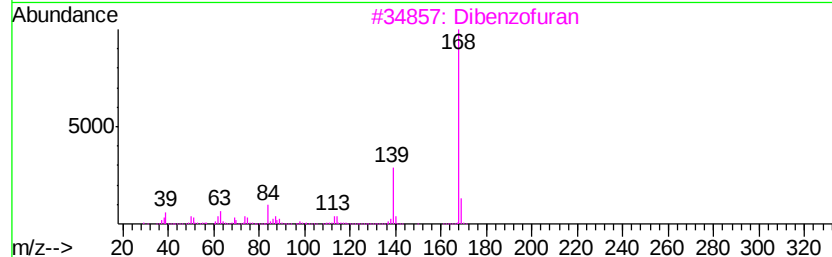
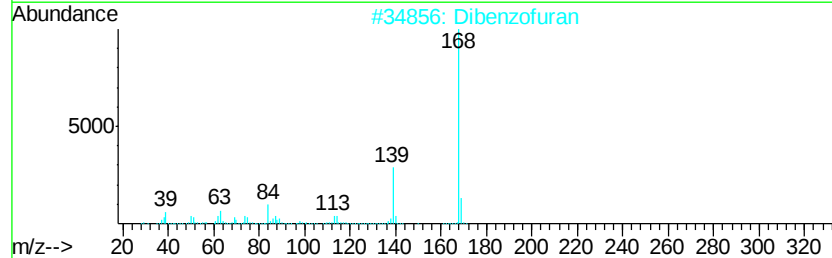
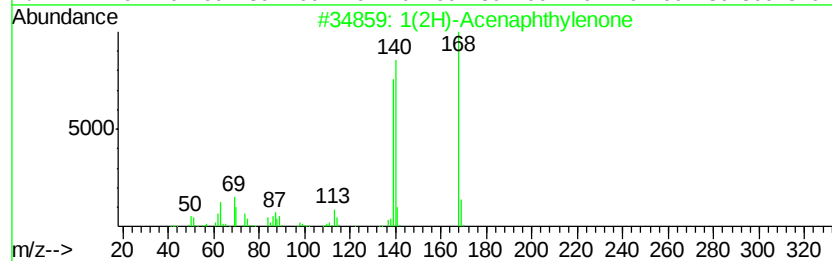
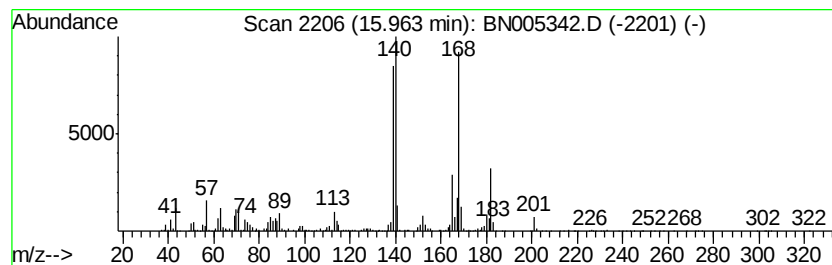
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 31 1(2H)-Acenaphthylenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	11.74 ng/ul	3712380	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	97
2		Dibenzofuran	168	C12H8O	000132-64-9	55
3		Dibenzofuran	168	C12H8O	000132-64-9	55
4		1H-Inden-1-one, 4,7-difluoro-2,3...	168	C9H6F2O	130408-16-1	50
5		7(4H)-Benzothiazolone, 2-amino-5...	168	C7H8N2OS	017583-10-7	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005342.D
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Operator : JU/SJ
Sample : K2481-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
GAHW4

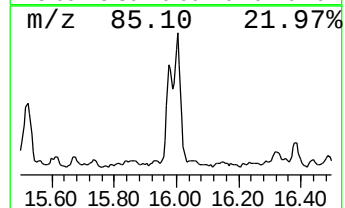
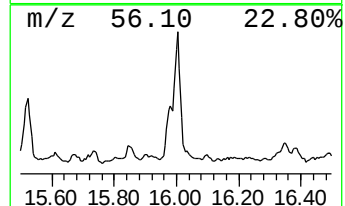
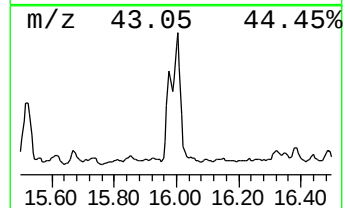
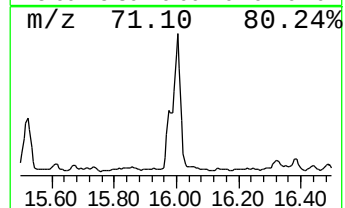
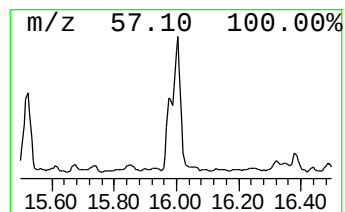
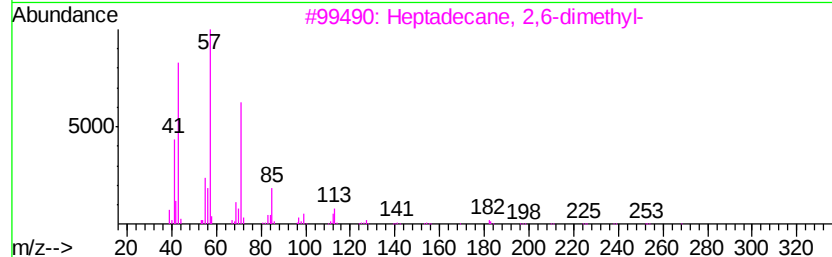
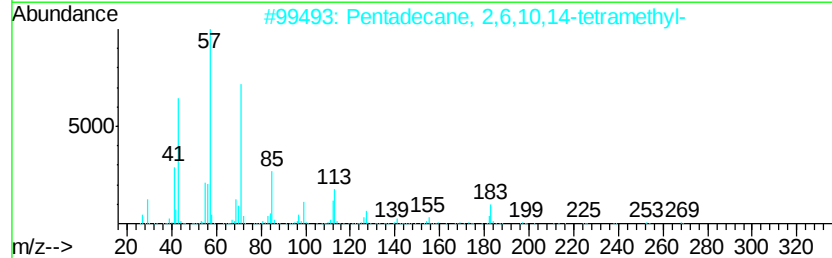
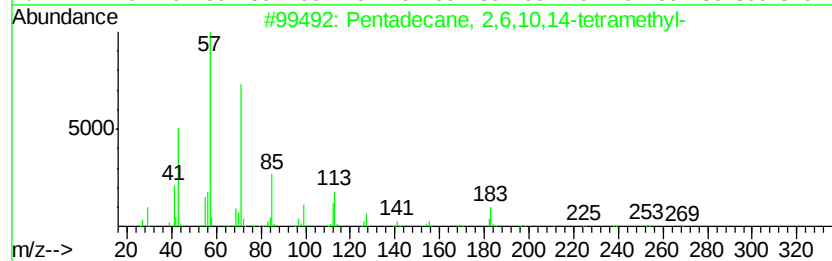
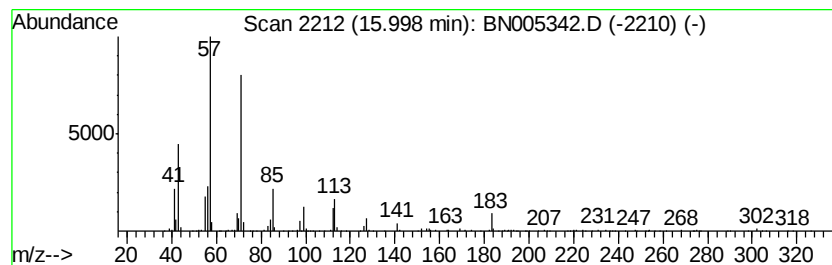
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.00	7.21 ng/ul	2278920	Phenanthrene-d10	16.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	91
2			Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	90
3			Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	86
4			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
5			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005342.D
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Operator : JU/SJ
Sample : K2481-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHW4

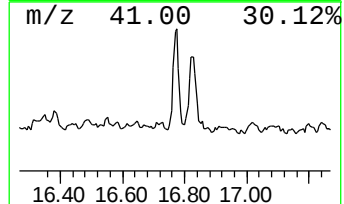
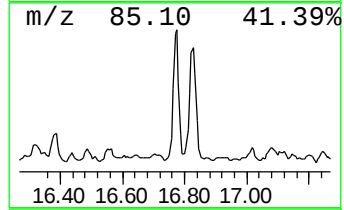
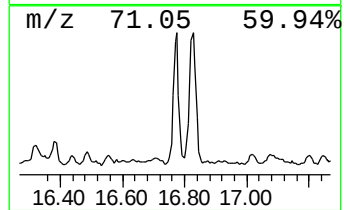
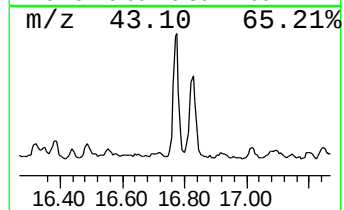
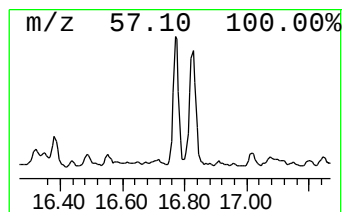
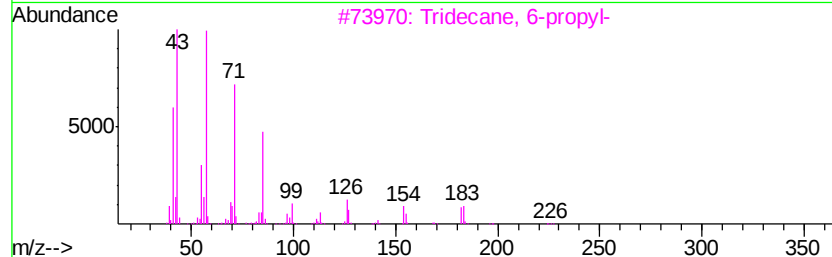
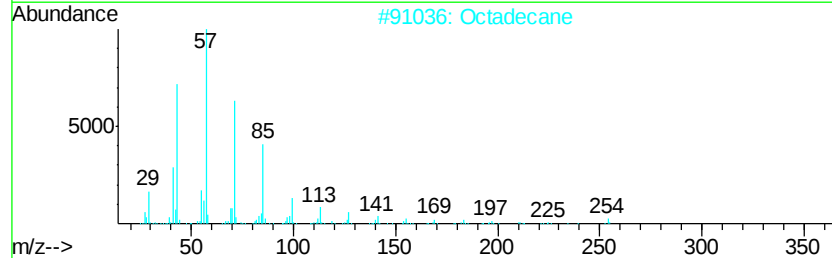
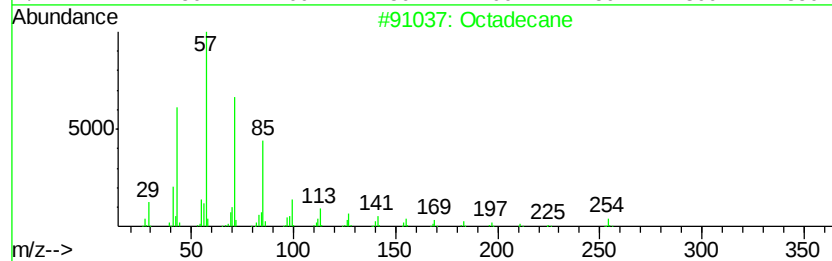
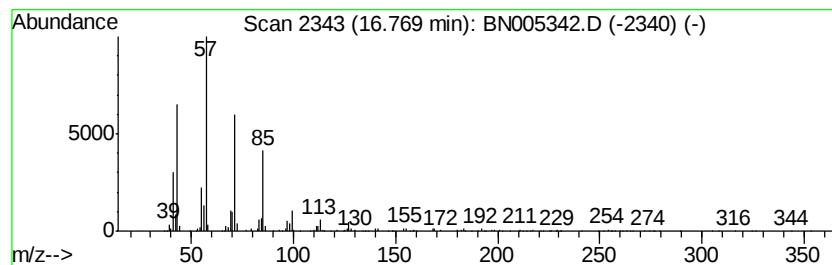
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.77	4.01 ng/ul	1267610	Phenanthrene-d10	16.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	94
2			Octadecane	254	C18H38	000593-45-3	94
3			Tridecane, 6-propyl-	226	C16H34	055045-10-8	91
4			Heptacosane	380	C27H56	000593-49-7	91
5			Nonadecane	268	C19H40	000629-92-5	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005342.D
Acq On : 27 Apr 2019 06:16
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Sample : K2481-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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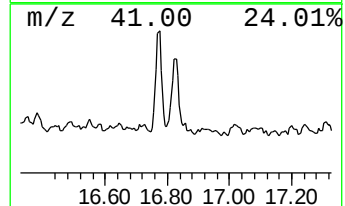
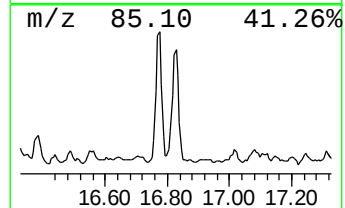
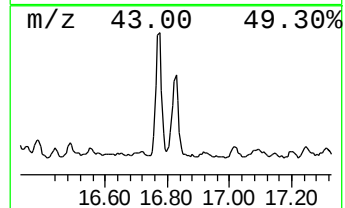
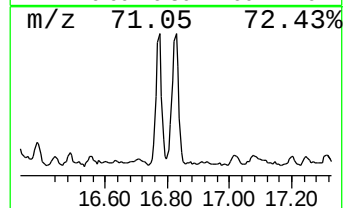
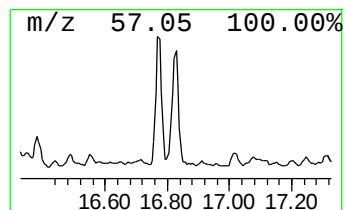
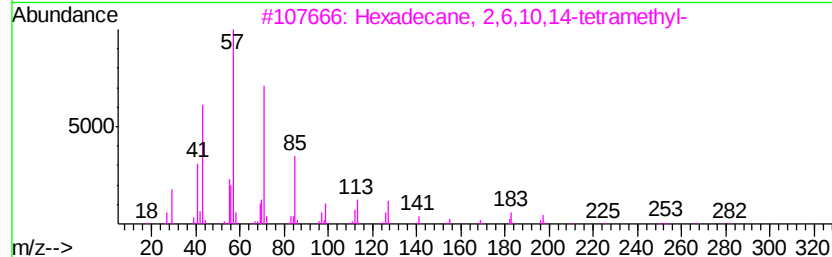
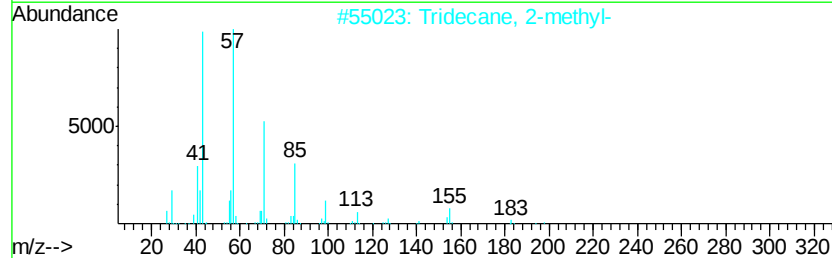
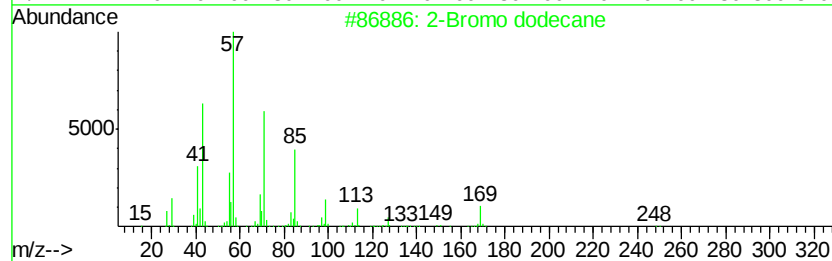
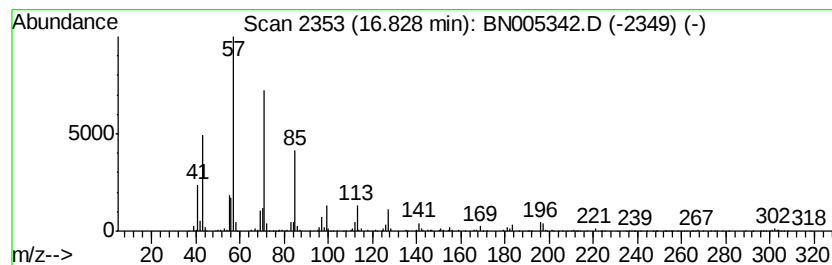
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 35 2-Bromo dodecane Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.83	4.76 ng/ul	1505760	Phenanthrene-d10	16.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Bromo dodecane	248	C12H25Br	013187-99-0	91
2			Tridecane, 2-methyl-	198	C14H30	001560-96-9	87
3			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
4			Hexacosane	366	C26H54	000630-01-3	86
5			Octadecane	254	C18H38	000593-45-3	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005342.D
Acq On : 27 Apr 2019 06:16
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Sample : K2481-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
GAHW4

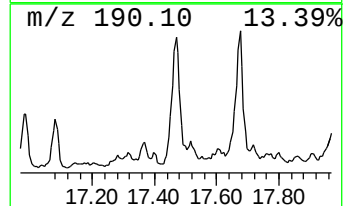
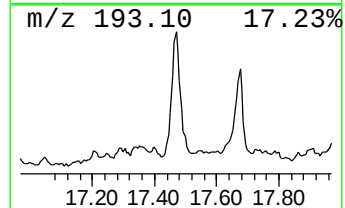
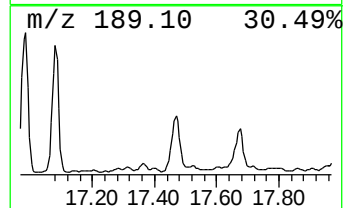
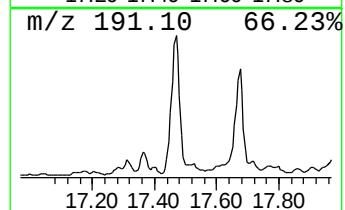
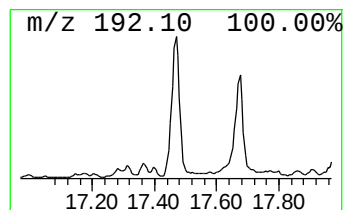
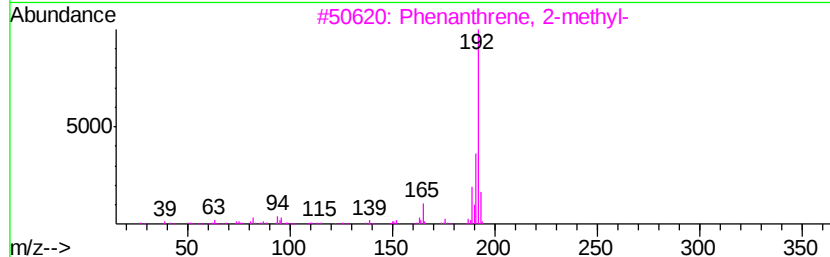
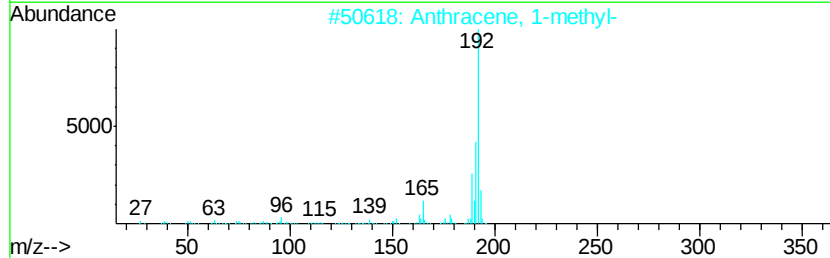
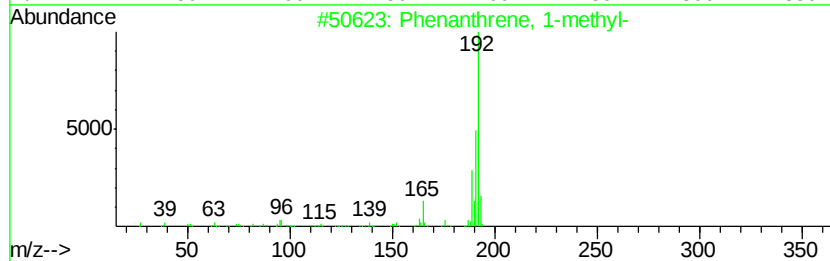
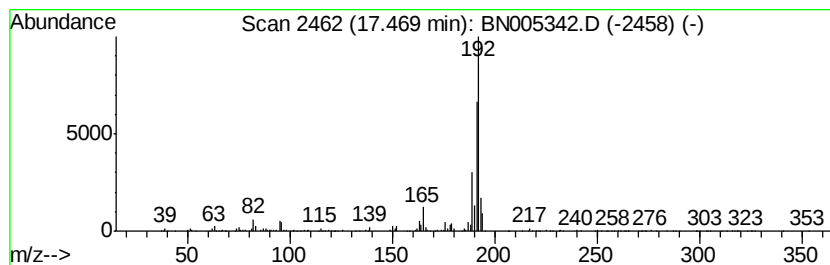
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 36 Phenanthrene, 1-methyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.47	5.09 ng/ul	1609110	Phenanthrene-d10	16.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2			Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
5			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005342.D
Acq On : 27 Apr 2019 06:16
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Sample : K2481-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

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ClientSampleId :
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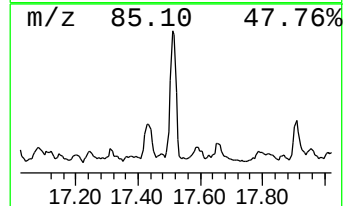
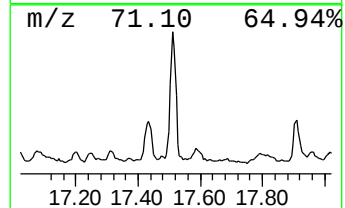
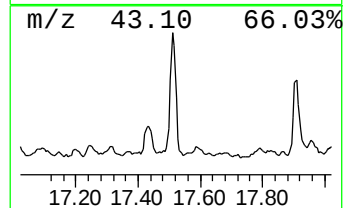
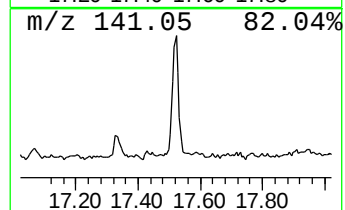
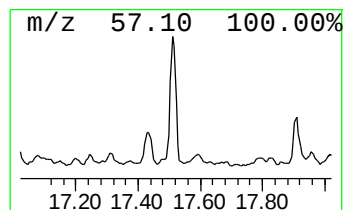
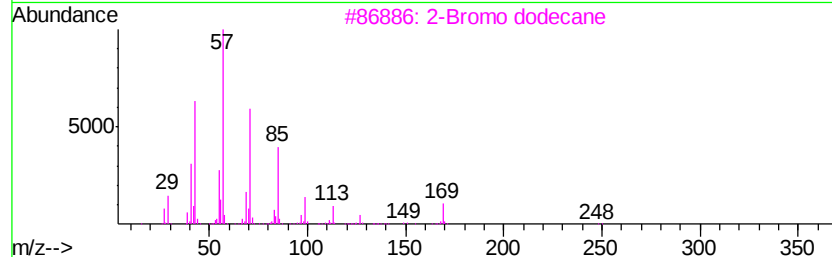
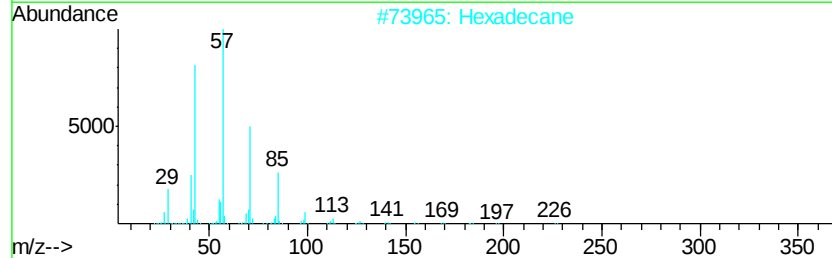
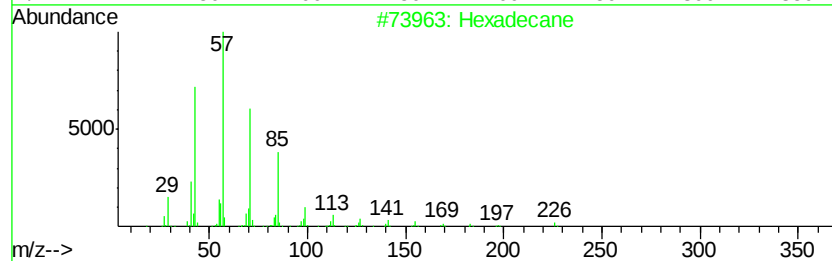
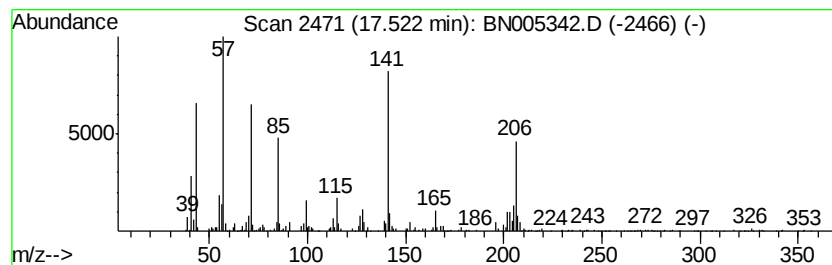
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.52	6.23 ng/ul	1969490	Phenanthrene-d10	16.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	58
2			Hexadecane	226	C16H34	000544-76-3	58
3			2-Bromo dodecane	248	C12H25Br	013187-99-0	58
4			Nonadecane	268	C19H40	000629-92-5	58
5			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005342.D
Acq On : 27 Apr 2019 06:16
Operator : JU/SJ
Sample : K2481-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHW4

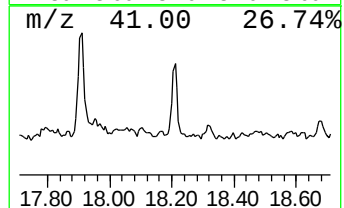
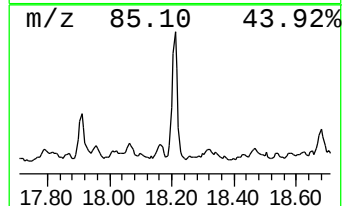
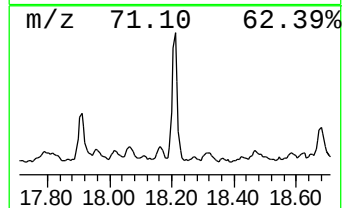
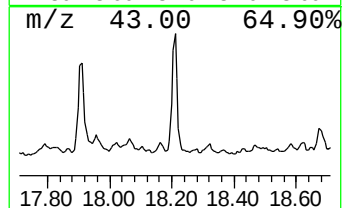
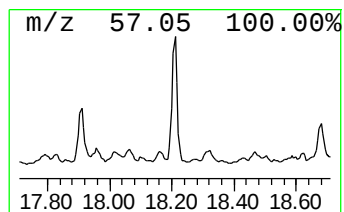
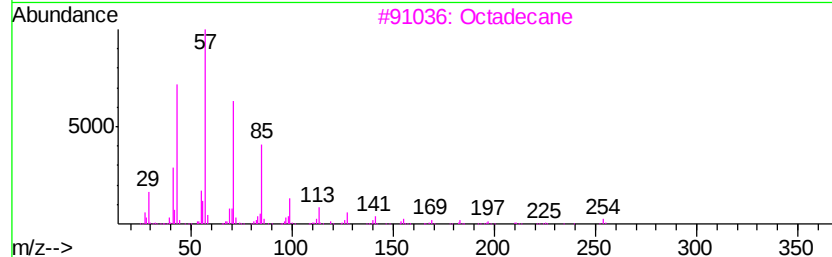
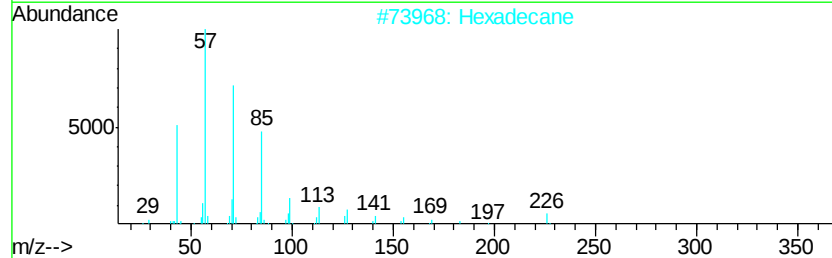
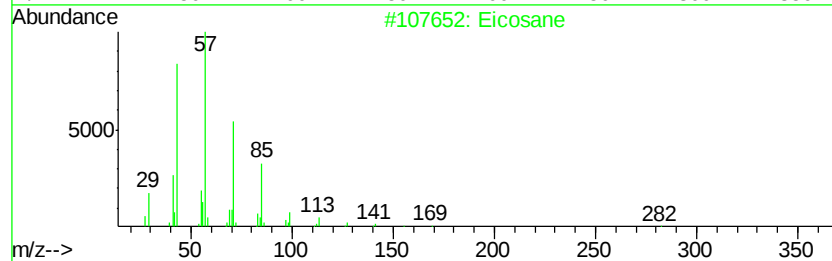
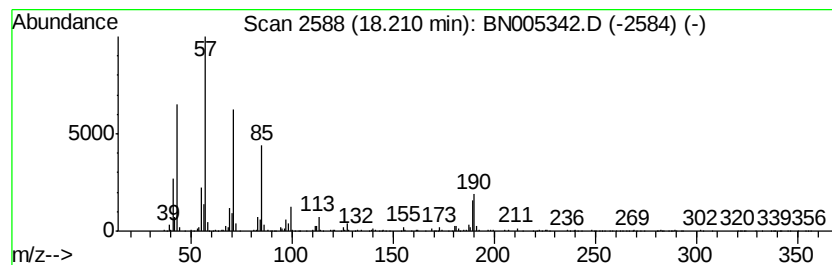
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.21	3.80 ng/ul	1200460	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	96
2		Hexadecane	226	C16H34	000544-76-3	95
3		Octadecane	254	C18H38	000593-45-3	93
4		Eicosane	282	C20H42	000112-95-8	91
5		Heptadecane	240	C17H36	000629-78-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005342.D
Acq On : 27 Apr 2019 06:16
Operator : JU/SJ
Sample : K2481-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHW4

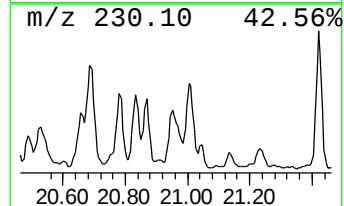
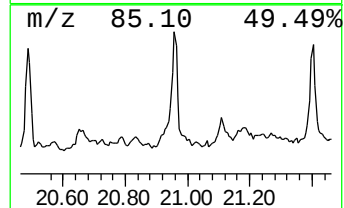
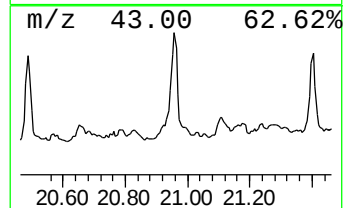
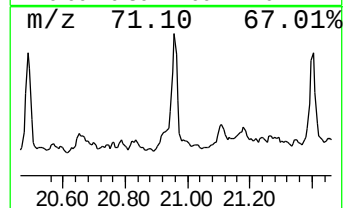
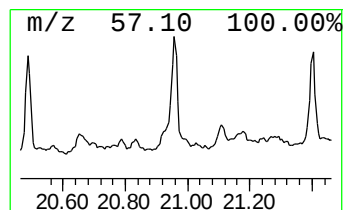
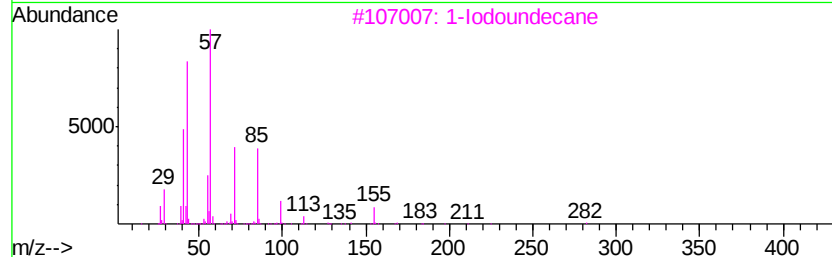
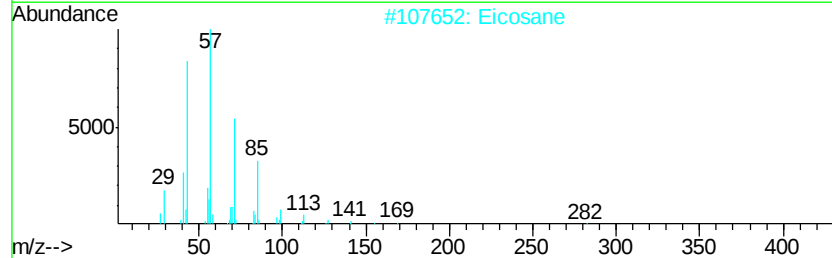
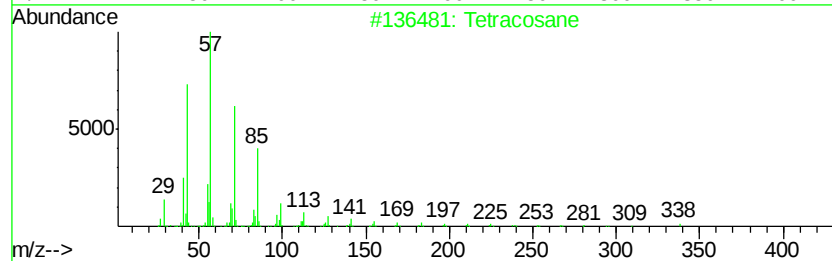
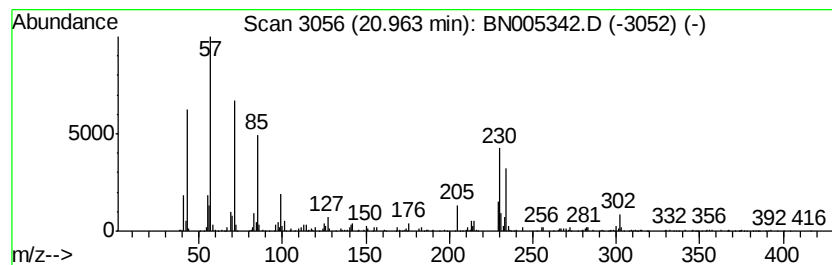
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 55 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.96	6.04 ng/ul	2723450	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	15
2		Eicosane	282	C20H42	000112-95-8	15
3		1-Iodoundecane	282	C11H23I	004282-44-4	15
4		Pyrrolidine-2,5-dione, 3-(4-meth...	234	C12H14N2O3	1000273-87-1	14
5		Tetradecane	198	C14H30	000629-59-4	11



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
 Data File : BN005342.D
 Acq On : 27 Apr 2019 06:16
 Operator : JU/SJ
 Sample : K2481-11
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHW4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1-propenyl-	7.26	13.8	ng/ul	1933680	1	7.59	2798430	20.0
Benzene, 1-etheny...	7.34	5.1	ng/ul	710791	1	7.59	2798430	20.0
Indene	8.12	8.9	ng/ul	1241030	1	7.59	2798430	20.0
Benzene, (2-methy...	8.85	7.8	ng/ul	1089220	1	7.59	2798430	20.0
Benzene, 1,3-diet...	9.16	2.4	ng/ul	493339	2	10.35	4163190	20.0
Benzene, 4-etheny...	9.34	3.4	ng/ul	700820	2	10.35	4163190	20.0
Benzene,1-methyl-...	9.79	4.5	ng/ul	943552	2	10.35	4163190	20.0
Benzene, 1-butynyl-	9.86	2.8	ng/ul	579414	2	10.35	4163190	20.0
1H-Indene, 1,3-di...	11.40	2.1	ng/ul	430533	2	10.35	4163190	20.0
1H-Indene, 1-ethy...	11.55	5.2	ng/ul	1078990	2	10.35	4163190	20.0
Benzocycloheptatr...	11.69	8.8	ng/ul	1830630	2	10.35	4163190	20.0
1,4-Methanonaphth...	11.87	28.7	ng/ul	5980690	2	10.35	4163190	20.0
Naphthalene, 1-me...	12.25	6.5	ng/ul	1347050	2	10.35	4163190	20.0
Naphthalene, 1,6-...	13.00	2.0	ng/ul	541149	3	14.23	5406090	20.0
Naphthalene, 1,4-...	13.19	12.3	ng/ul	3334600	3	14.23	5406090	20.0
Naphthalene, 1,7-...	13.28	9.2	ng/ul	2487600	3	14.23	5406090	20.0
Naphthalene, 2-et...	13.46	6.9	ng/ul	1876240	3	14.23	5406090	20.0
Benzene, [1-(2,4-...	14.56	2.3	ng/ul	617600	3	14.23	5406090	20.0
Azulene, 4,6,8-tr...	14.66	5.7	ng/ul	1551330	3	14.23	5406090	20.0
1,1'-Biphenyl, 4-...	14.77	5.3	ng/ul	1442490	3	14.23	5406090	20.0
Naphthalene, 2-(1...	14.84	21.4	ng/ul	5788600	3	14.23	5406090	20.0
1,1'-Biphenyl, 3-...	15.00	6.0	ng/ul	1613080	3	14.23	5406090	20.0
1H-Phenylene	15.10	15.4	ng/ul	4151660	3	14.23	5406090	20.0
1,1'-Biphenyl, 4-...	15.41	2.3	ng/ul	608052	3	14.23	5406090	20.0
1(2H)-Acenaphthyl...	15.96	11.7	ng/ul	3712380	4	16.99	6324800	20.0
(DEL) Alkane: Str...	16.00	7.2	ng/ul	2278920	4	16.99	6324800	20.0
(DEL) Alkane: Str...	16.77	4.0	ng/ul	1267610	4	16.99	6324800	20.0
2-Bromo dodecane	16.83	4.8	ng/ul	1505760	4	16.99	6324800	20.0
Phenanthrene, 1-m...	17.47	5.1	ng/ul	1609110	4	16.99	6324800	20.0
(DEL) Alkane: Str...	17.52	6.2	ng/ul	1969490	4	16.99	6324800	20.0
(DEL) Alkane: Str...	18.21	3.8	ng/ul	1200460	4	16.99	6324800	20.0
(DEL) Alkane: Str...	20.96	6.0	ng/ul	2723450	5	21.22	9014320	20.0