

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
 Data File : BN005299.D
 Acq On : 26 Apr 2019 02:26
 Operator : JU/SJ
 Sample : K2481-06 10X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHW1

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	6.705	626	632	637	rBV	979364	1461575	1.54%	0.170%
2	7.257	719	726	734	rVV2	3297335	5968199	6.29%	0.693%
3	7.593	776	783	789	rBV	1723791	2750039	2.90%	0.319%
4	8.122	868	873	882	rVV	1896089	3253277	3.43%	0.378%
5	8.687	963	969	974	rVV	1112007	1774222	1.87%	0.206%
6	8.851	993	997	1006	rVV	1696351	3138347	3.31%	0.364%
7	9.263	1061	1067	1075	rVB2	989108	1632193	1.72%	0.189%
8	9.340	1075	1080	1085	rBV	1330184	2053352	2.16%	0.238%
9	9.793	1148	1157	1163	rBV3	3741594	8519423	8.97%	0.989%
10	9.863	1163	1169	1173	rBV	2899383	5310118	5.59%	0.616%
11	10.357	1246	1253	1257	rBV2	3415343	6253342	6.59%	0.726%
12	10.422	1257	1264	1271	rVB2	29992151	62622142	65.97%	7.269%
13	11.293	1403	1412	1418	rBV2	671831	1491783	1.57%	0.173%
14	11.398	1418	1430	1434	rBV	1268702	3186890	3.36%	0.370%
15	11.445	1434	1438	1445	rVB2	815093	1941335	2.04%	0.225%
16	11.551	1451	1456	1465	rVB	1133605	2211962	2.33%	0.257%
17	11.675	1469	1477	1485	rBV3	538414	1613614	1.70%	0.187%
18	11.810	1495	1500	1507	rBV2	1700900	2679202	2.82%	0.311%
19	11.887	1508	1513	1516	rBV2	642308	1287642	1.36%	0.149%
20	12.051	1530	1541	1547	rVB2	41276503	94931897	100.00%	11.019%
21	12.263	1564	1577	1585	rBV	27215005	48485915	51.07%	5.628%
22	13.057	1706	1712	1726	rBV2	5573819	10238582	10.79%	1.188%
23	13.251	1739	1745	1757	rVB	5767584	12394901	13.06%	1.439%
24	13.392	1762	1769	1770	rBV	13812161	19124622	20.15%	2.220%
25	13.469	1778	1782	1787	rVB	1148688	1630409	1.72%	0.189%
26	13.557	1788	1797	1802	rBV	16511010	32068327	33.78%	3.722%
27	13.610	1802	1806	1813	rVV	10939048	16328483	17.20%	1.895%
28	13.687	1813	1819	1824	rVB	11418030	16964412	17.87%	1.969%
29	13.792	1830	1837	1840	rBV	8806745	13438373	14.16%	1.560%
30	13.957	1854	1865	1876	rVB	17734410	28690237	30.22%	3.330%
31	14.157	1894	1899	1902	rBV	1082983	1449995	1.53%	0.168%
32	14.216	1902	1909	1917	rVV3	6251820	13462459	14.18%	1.563%
33	14.292	1917	1922	1925	rVV2	2821237	4400126	4.64%	0.511%
34	14.322	1925	1927	1932	rVV2	2732225	3173605	3.34%	0.368%

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

35	14.445	1942	1948	1957	rVB	2679951	5871135	6.18%	0.681%
36	14.528	1957	1962	1966	rBV	814981	1366980	1.44%	0.159%
37	14.634	1971	1980	1988	rVV3	4564972	9898282	10.43%	1.149%
38	14.716	1988	1994	1998	rVB	3767486	5560198	5.86%	0.645%
39	14.839	2009	2015	2021	rBV2	6547823	12520488	13.19%	1.453%
40	14.910	2024	2027	2030	rVB	2667369	3180554	3.35%	0.369%
41	14.945	2030	2033	2038	rVB	1392117	1771942	1.87%	0.206%
42	15.004	2038	2043	2045	rBV2	2049137	2971959	3.13%	0.345%
43	15.110	2056	2061	2066	rVB	4634530	6870741	7.24%	0.797%
44	15.175	2067	2072	2075	rBV	1341754	2212078	2.33%	0.257%
45	15.228	2076	2081	2086	rVB3	4515956	7194831	7.58%	0.835%
46	15.286	2086	2091	2103	rBV	11749256	21877335	23.05%	2.539%
47	15.410	2109	2112	2115	rVV3	1719302	1912404	2.01%	0.222%
48	15.486	2121	2125	2131	rBV2	1302925	2581258	2.72%	0.300%
49	15.581	2136	2141	2145	rBV2	2088800	3648858	3.84%	0.424%
50	15.698	2156	2161	2165	rBV	4884317	7326167	7.72%	0.850%
51	15.969	2201	2207	2212	rBV3	1295882	2566030	2.70%	0.298%
52	16.292	2254	2262	2266	rVV2	3732982	8983911	9.46%	1.043%
53	16.339	2266	2270	2276	rVB	3848407	5373880	5.66%	0.624%
54	16.439	2283	2287	2293	rVB2	1952891	2934749	3.09%	0.341%
55	16.645	2319	2322	2330	rVB	1898846	2871065	3.02%	0.333%
56	16.798	2341	2348	2353	rBV2	3108787	4800773	5.06%	0.557%
57	16.986	2374	2380	2383	rBV	4448514	7155208	7.54%	0.831%
58	17.039	2383	2389	2394	rVV2	31809518	53308152	56.15%	6.188%
59	17.122	2398	2403	2408	rVB	8596660	11844622	12.48%	1.375%
60	17.180	2408	2413	2418	rVB2	1270455	2056029	2.17%	0.239%
61	17.510	2465	2469	2473	rBV2	1203788	1493005	1.57%	0.173%
62	17.563	2475	2478	2485	rVB2	1414577	2244969	2.36%	0.261%
63	17.863	2524	2529	2534	rVV	10591440	16296722	17.17%	1.892%
64	17.916	2534	2538	2546	rVV	12270189	16525506	17.41%	1.918%
65	17.992	2546	2551	2556	rVV	3874742	5520167	5.81%	0.641%
66	18.057	2556	2562	2566	rVV2	8905184	16613388	17.50%	1.928%
67	18.098	2566	2569	2574	rVB	5924715	7741304	8.15%	0.899%
68	18.375	2611	2616	2621	rVB	4456035	6051806	6.37%	0.702%
69	18.622	2654	2658	2662	rBV2	1358794	1859843	1.96%	0.216%
70	18.669	2663	2666	2670	rVB	1383519	1779822	1.87%	0.207%
71	18.710	2670	2673	2677	rVB	977775	1241375	1.31%	0.144%

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72	18.792	2682	2687	2692	rBV2	3822725	6515159	6.86%	0.756%
73	18.857	2692	2698	2701	rBV3	2092688	4078543	4.30%	0.473%
74	18.886	2701	2703	2707	rVB	2494753	2574785	2.71%	0.299%
75	18.933	2707	2711	2713	rBV2	838449	1260466	1.33%	0.146%
76	19.057	2727	2732	2741	rBV2	9780630	14903888	15.70%	1.730%
77	19.133	2741	2745	2748	rVV	1174995	1595675	1.68%	0.185%
78	19.210	2754	2758	2763	rVB	5106110	6544636	6.89%	0.760%
79	19.327	2775	2778	2785	rVB	788000	1328195	1.40%	0.154%
80	19.427	2785	2795	2804	rBV	14096807	22389121	23.58%	2.599%
81	19.757	2847	2851	2861	rVB	1851827	3572346	3.76%	0.415%
82	19.898	2869	2875	2877	rVV2	1942529	3650105	3.84%	0.424%
83	19.927	2877	2880	2885	rVB	4440954	5894335	6.21%	0.684%
84	20.033	2894	2898	2903	rBV	3736103	4750132	5.00%	0.551%
85	20.092	2904	2908	2911	rVB	2326823	2857370	3.01%	0.332%
86	20.186	2919	2924	2927	rBV4	789710	1341998	1.41%	0.156%
87	20.227	2927	2931	2935	rVV	1972686	2835807	2.99%	0.329%
88	20.274	2935	2939	2948	rVB2	2800374	5011062	5.28%	0.582%
89	20.651	2998	3003	3010	rBV2	792508	2243269	2.36%	0.260%
90	20.892	3041	3044	3048	rVV	1470334	1706457	1.80%	0.198%
91	21.210	3092	3098	3103	rBV2	9991823	20212742	21.29%	2.346%
92	21.257	3103	3106	3113	rVB	5218993	7007861	7.38%	0.813%
93	21.774	3190	3194	3199	rVV2	2179582	3129269	3.30%	0.363%
94	21.821	3199	3202	3209	rVB	1114076	1401192	1.48%	0.163%
95	21.998	3229	3232	3239	rVB	1782059	2330670	2.46%	0.271%
96	22.780	3358	3365	3368	rBV	1659989	3951359	4.16%	0.459%
97	22.939	3387	3392	3399	rVB	958558	1722331	1.81%	0.200%
98	23.233	3437	3442	3447	rBV	1310247	2287066	2.41%	0.265%
99	23.327	3453	3458	3464	rBV	2647494	4313045	4.54%	0.501%
100	23.427	3468	3475	3480	rBV	4511582	8173435	8.61%	0.949%

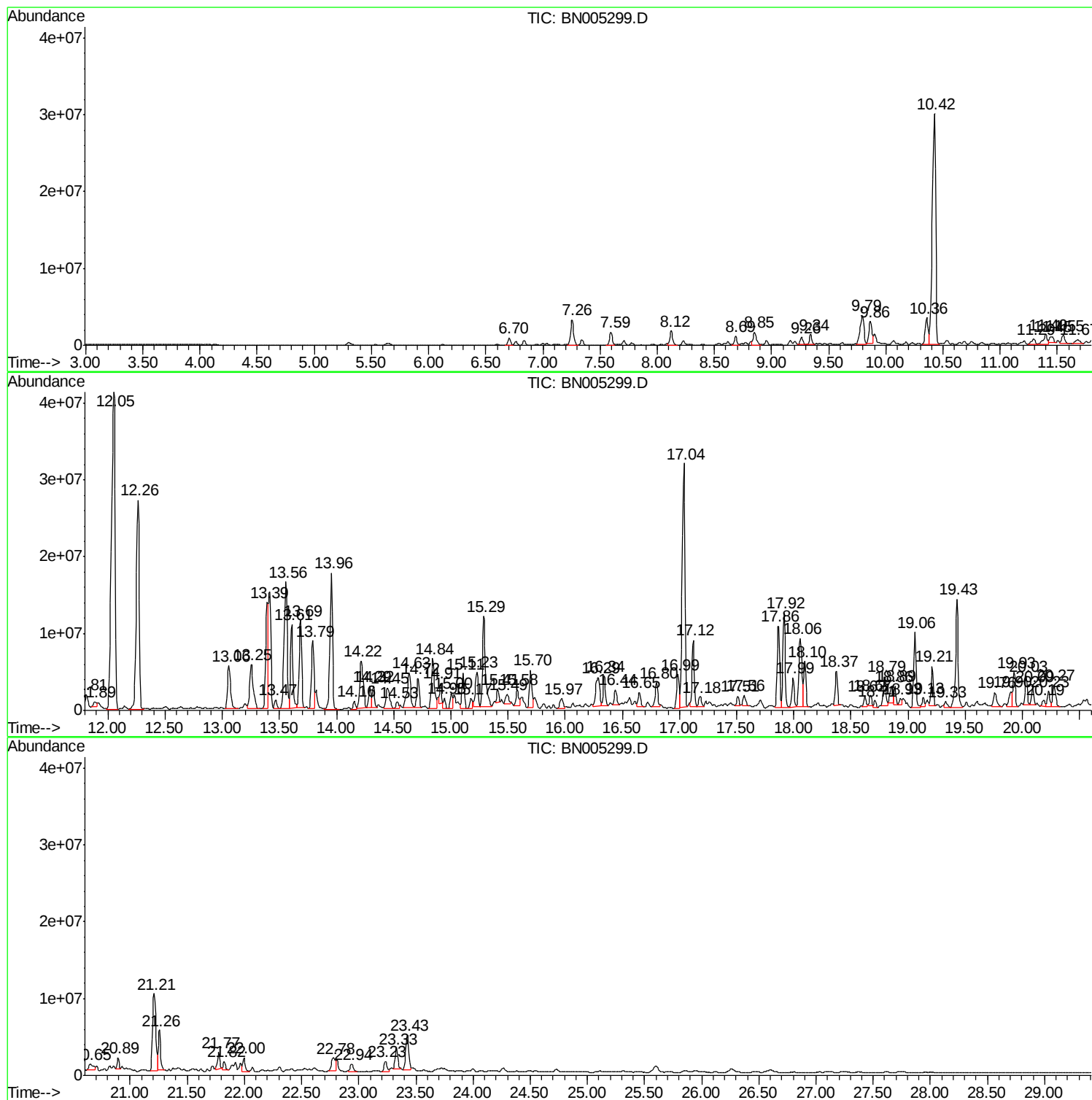
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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



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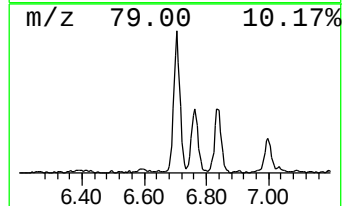
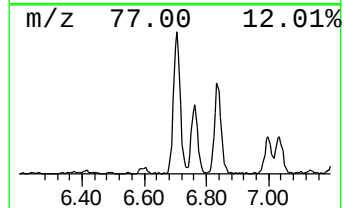
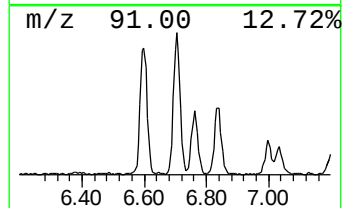
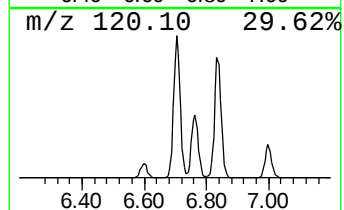
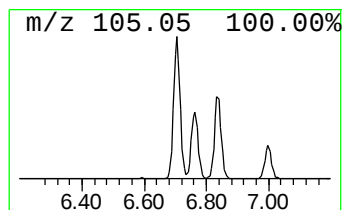
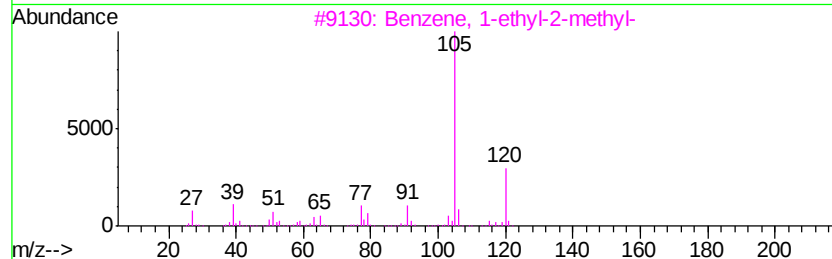
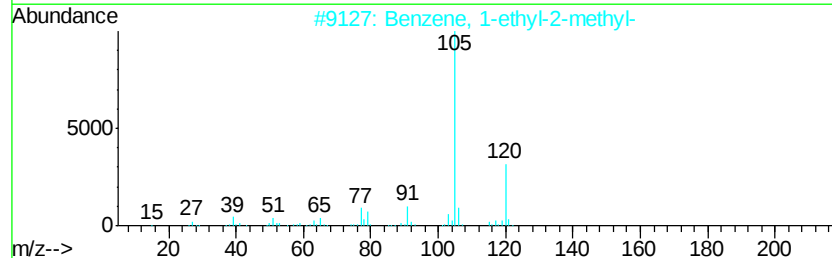
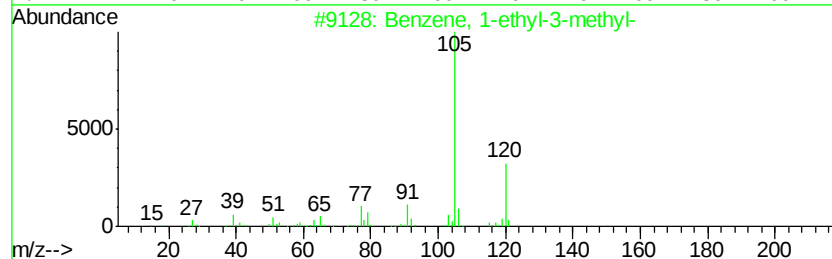
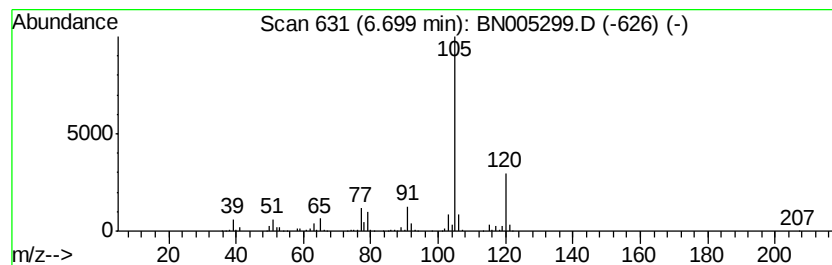
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Benzene, 1-ethyl-3-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.70	10.63 ng/ul	1461580	1,4-Dichlorobenzene-d4	7.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91



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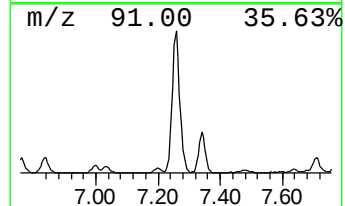
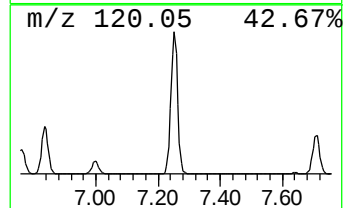
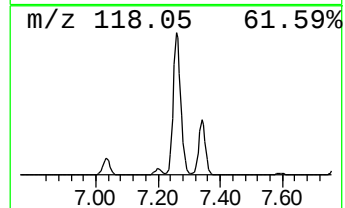
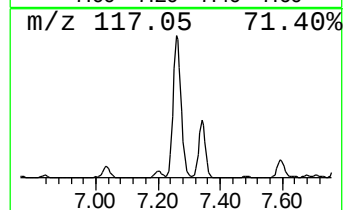
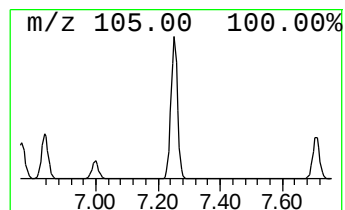
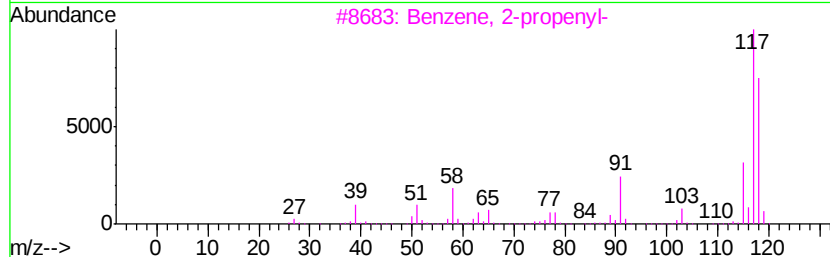
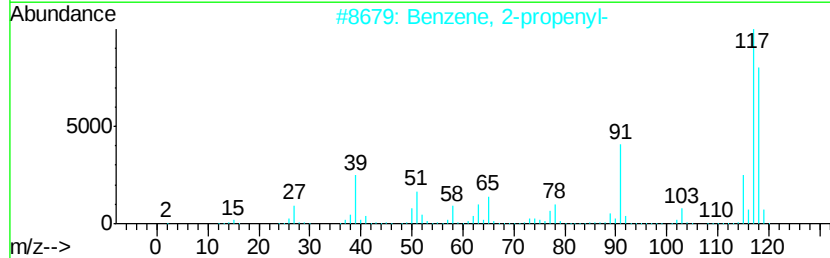
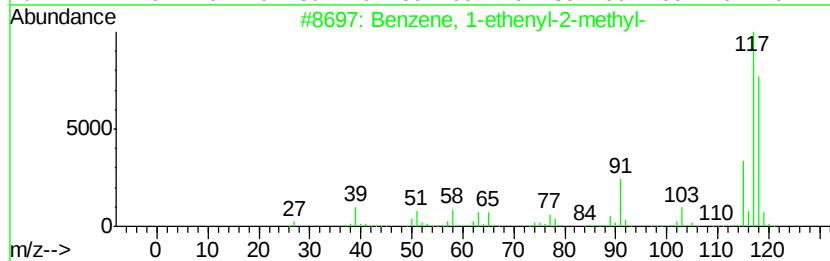
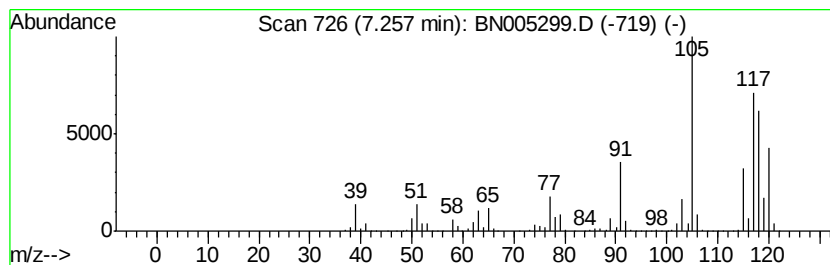
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Benzene, 1-ethenyl-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.26	43.40 ng/ul	5968200	1,4-Dichlorobenzene-d4	7.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	89
2		Benzene, 2-propenyl-	118	C9H10	000300-57-2	83
3		Benzene, 2-propenyl-	118	C9H10	000300-57-2	50
4		Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	50
5		Benzene, 1-propenyl-	118	C9H10	000637-50-3	50



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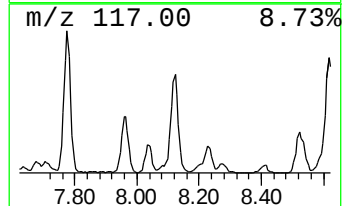
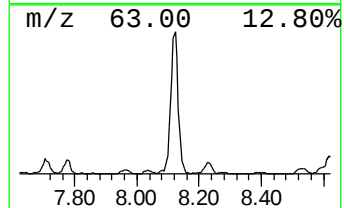
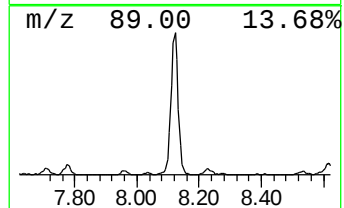
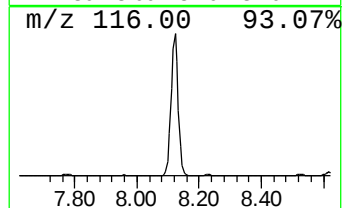
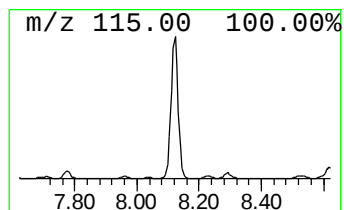
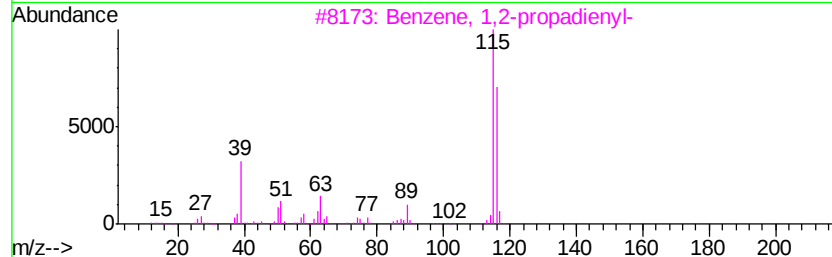
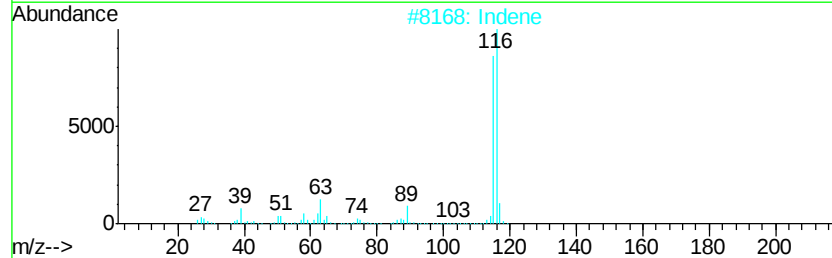
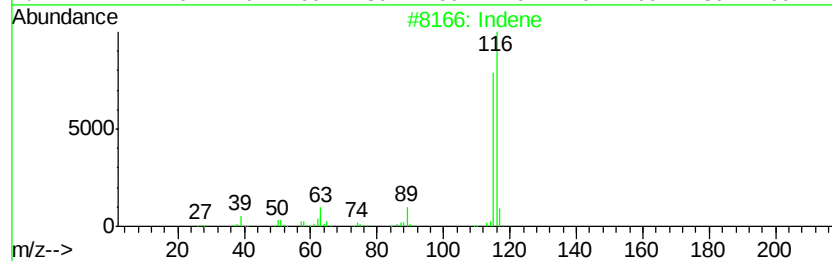
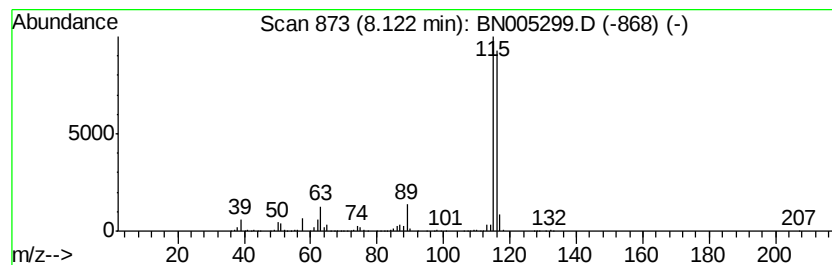
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 Indene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.12	23.66 ng/ul	3253280	1,4-Dichlorobenzene-d4	7.59

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene		116	C9H8	000095-13-6	97
2	Indene		116	C9H8	000095-13-6	95
3	Benzene, 1,2-propadienyl-		116	C9H8	002327-99-3	91
4	Benzene, 1-propynyl-		116	C9H8	000673-32-5	91
5	Benzene,1-ethynyl-2-methyl-		116	C9H8	000766-47-2	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005299.D
Acq On : 26 Apr 2019 02:26
Operator : JU/SJ
Sample : K2481-06 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHW1

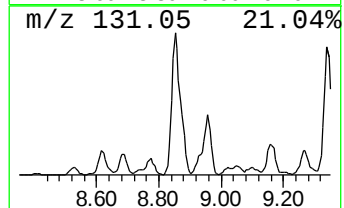
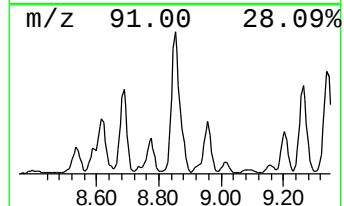
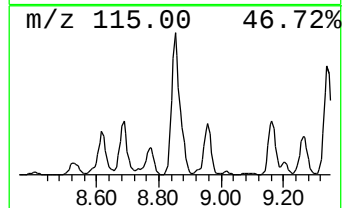
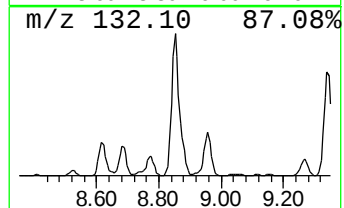
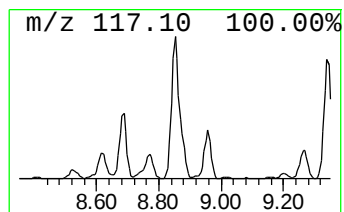
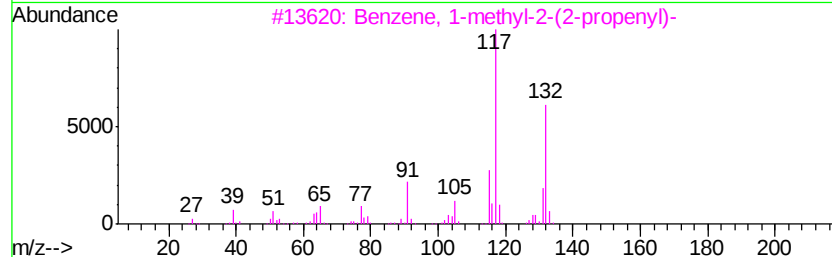
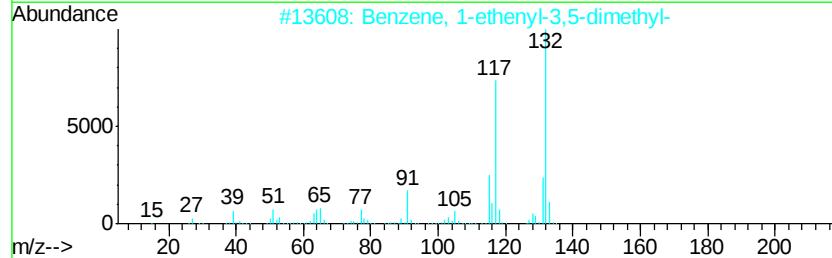
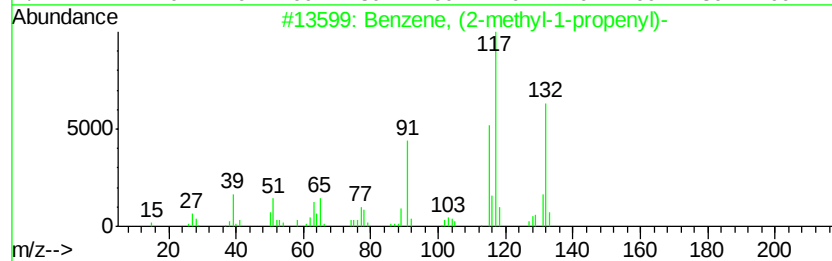
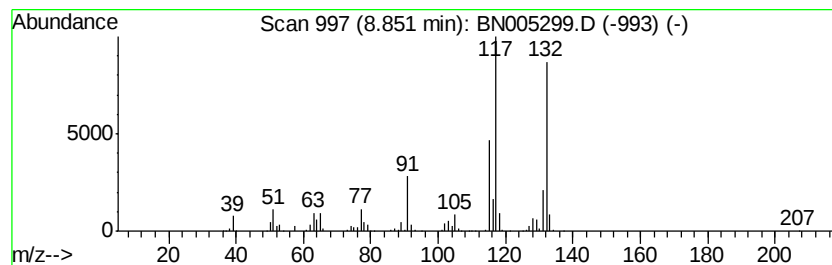
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Benzene, (2-methyl-1-propen... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.85	22.82 ng/ul	3138350	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	96
2		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	95
3		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	95
4		Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	95
5		Benzene, 2-butenyl-	132	C10H12	001560-06-1	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005299.D
Acq On : 26 Apr 2019 02:26
Operator : JU/SJ
Sample : K2481-06 10X
Misc :
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Instrument :
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ClientSampleId :
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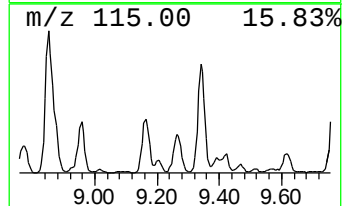
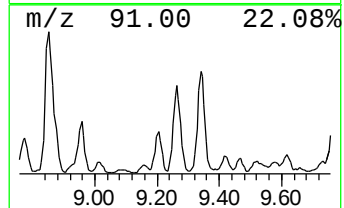
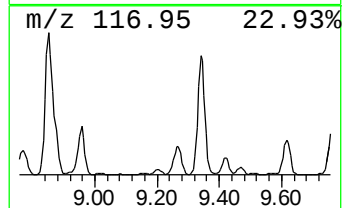
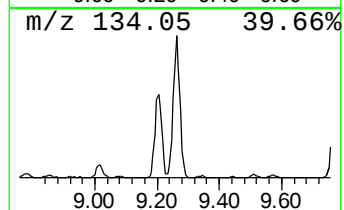
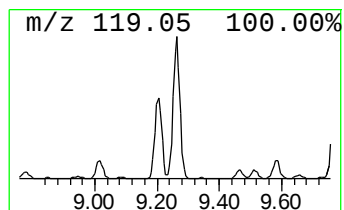
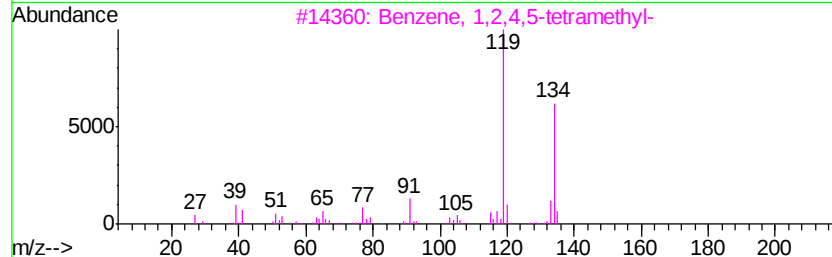
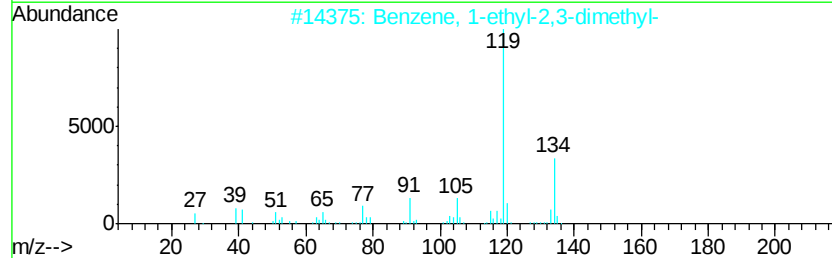
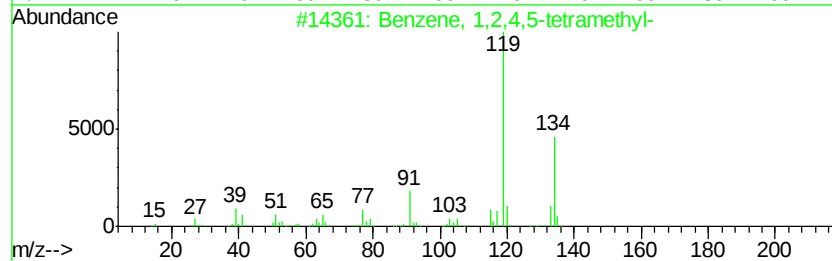
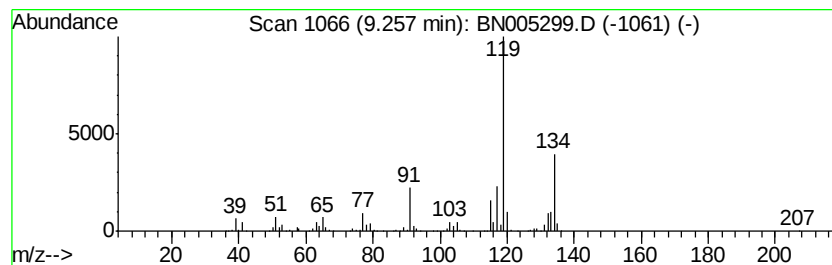
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.26	5.22 ng/ul	1632190	Naphthalene-d8	10.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	89
2		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87
3		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	83
4		1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	81
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005299.D
Acq On : 26 Apr 2019 02:26
Operator : JU/SJ
Sample : K2481-06 10X
Misc :
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ClientSampleId :
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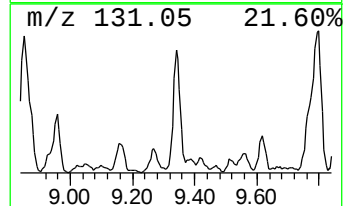
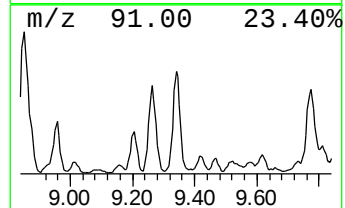
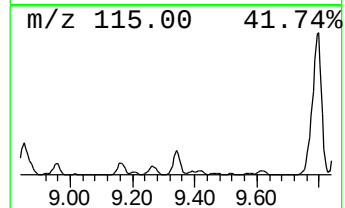
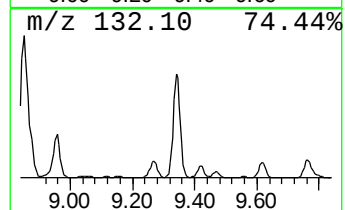
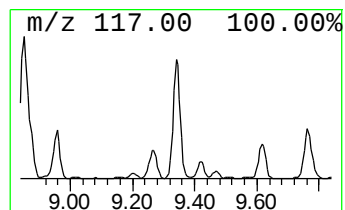
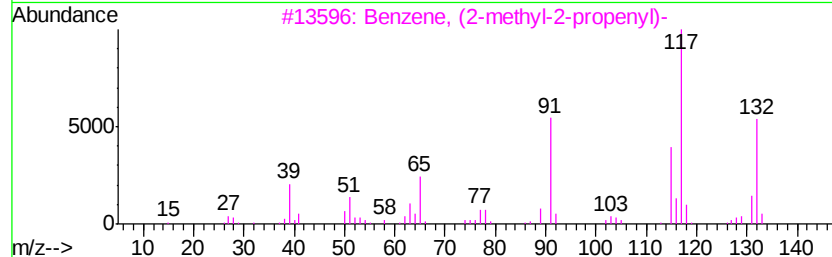
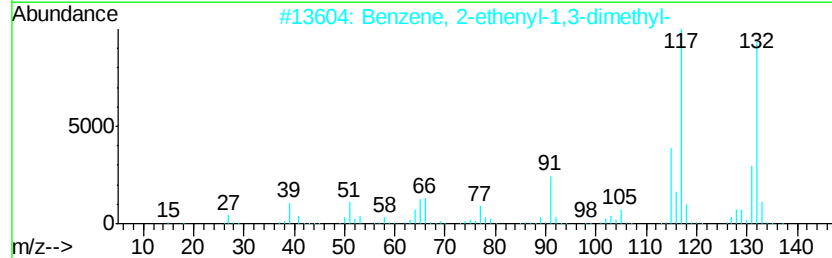
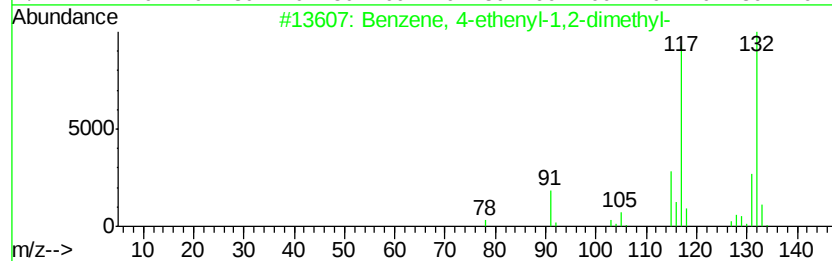
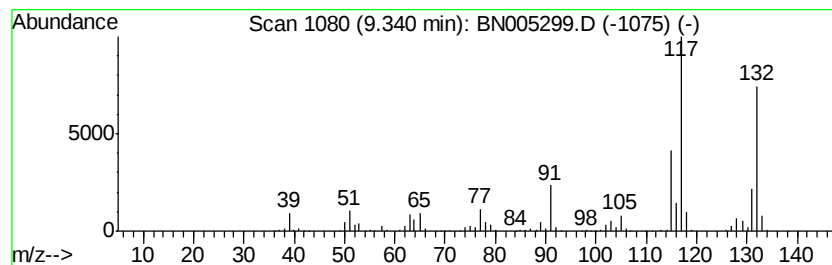
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Benzene, 4-ethenyl-1,2-dime... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.34	6.57 ng/ul	2053350	Napthalene-d8	10.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	97
2		Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	95
3		Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	94
4		Benzene, 1-butenyl-, (E)-	132	C10H12	001005-64-7	94
5		Benzene, (1-methyl-1-propenyl)-, ...	132	C10H12	000768-00-3	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005299.D
Acq On : 26 Apr 2019 02:26
Operator : JU/SJ
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ClientSampleId :
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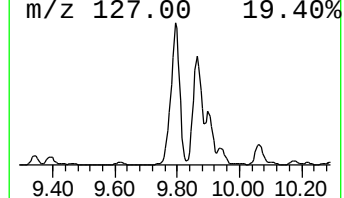
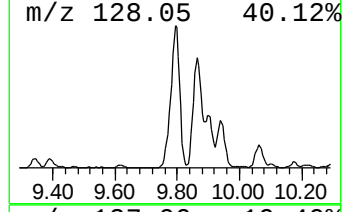
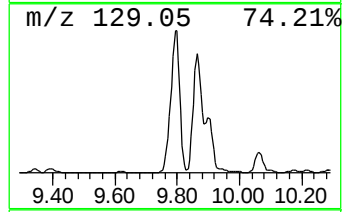
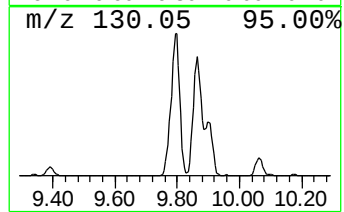
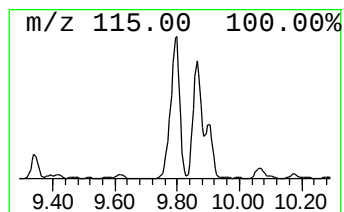
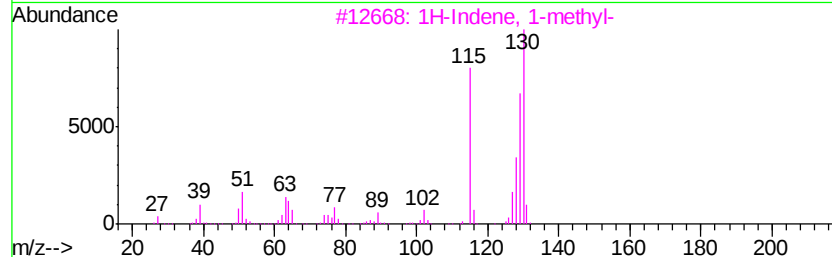
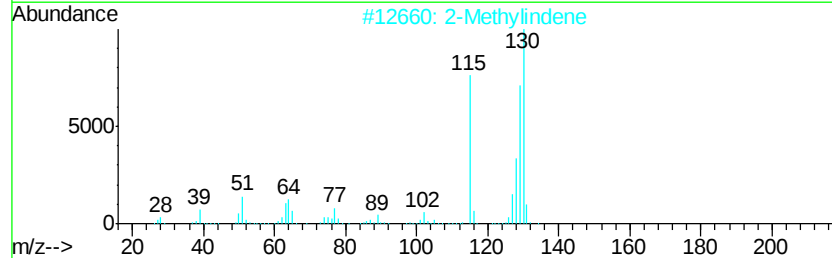
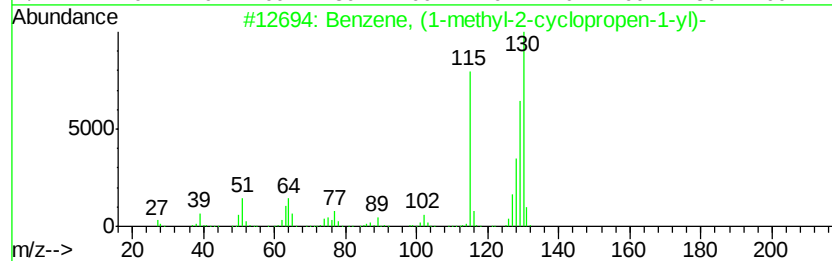
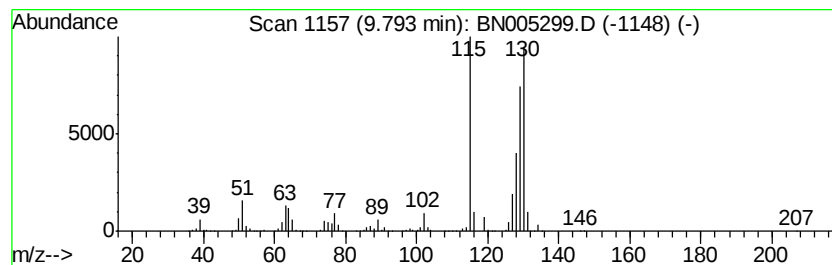
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Benzene, (1-methyl-2-cyclop... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	27.25 ng/ul	8519420	Naphthalene-d8	10.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	97
2		2-Methylindene	130	C10H10	002177-47-1	97
3		1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
4		Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	96
5		1H-Indene, 3-methyl-	130	C10H10	000767-60-2	95



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Data File : BN005299.D
Acq On : 26 Apr 2019 02:26
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Sample : K2481-06 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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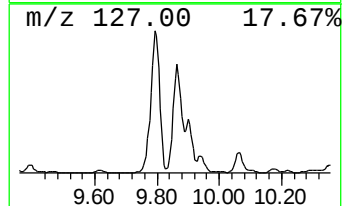
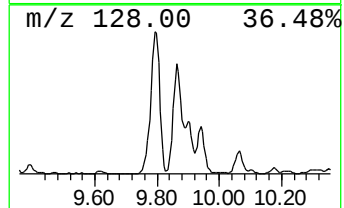
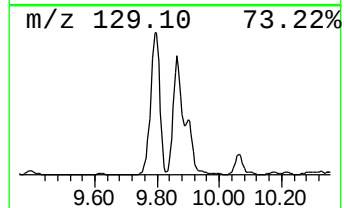
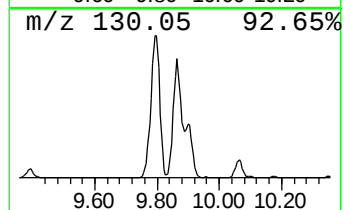
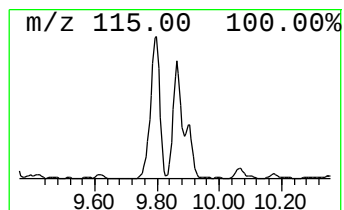
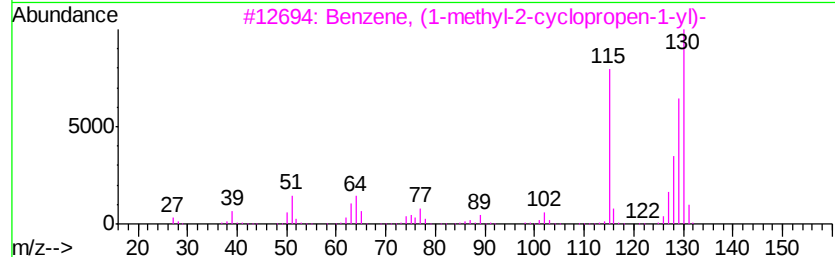
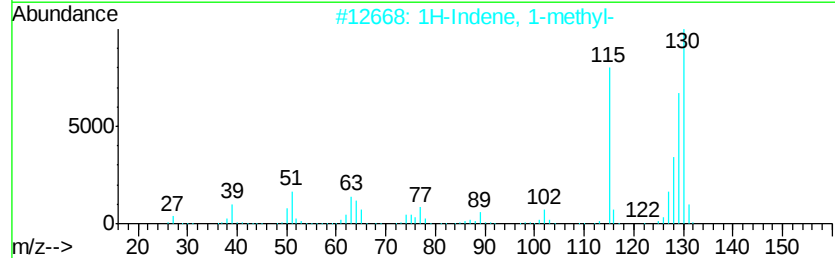
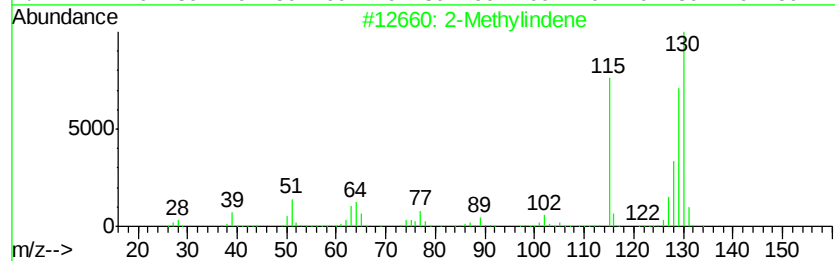
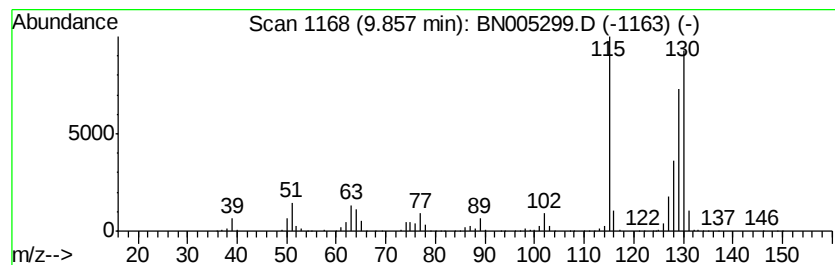
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 2-Methylindene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.86	16.98 ng/ul	5310120	Naphthalene-d8	10.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Methylindene	130	C10H10	002177-47-1	97
2		1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
3		Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	95
4		1,4-Dihydronaphthalene	130	C10H10	000612-17-9	94
5		Benzene, 1-butynyl-	130	C10H10	000622-76-4	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
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Acq On : 26 Apr 2019 02:26
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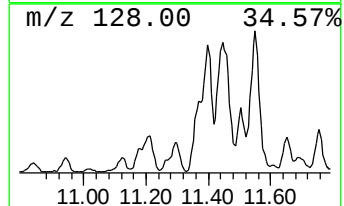
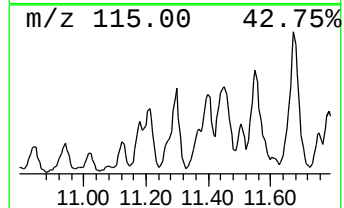
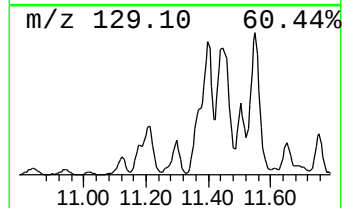
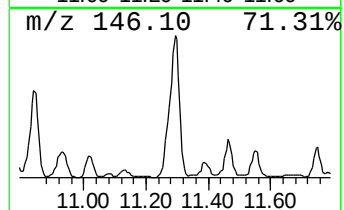
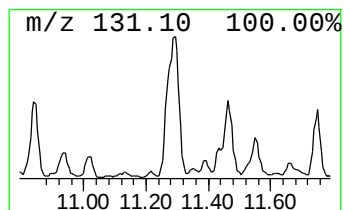
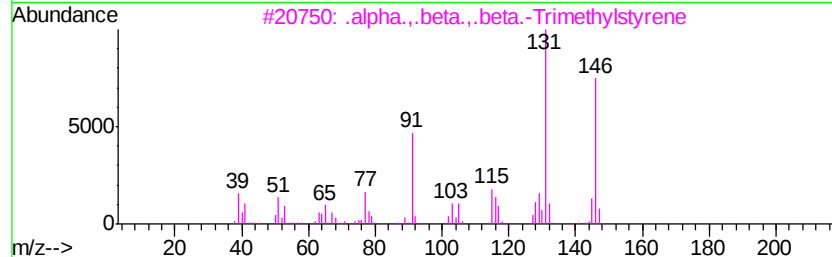
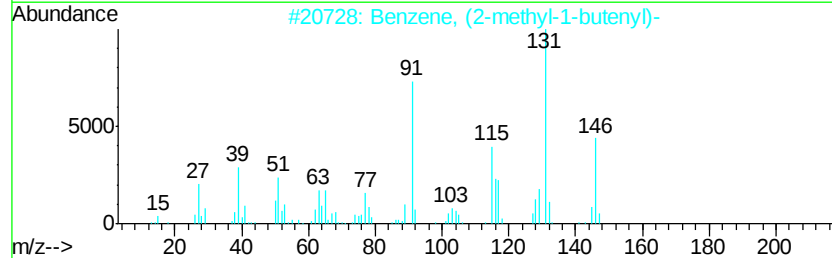
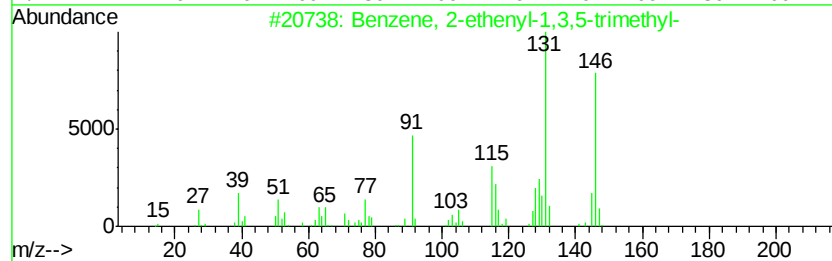
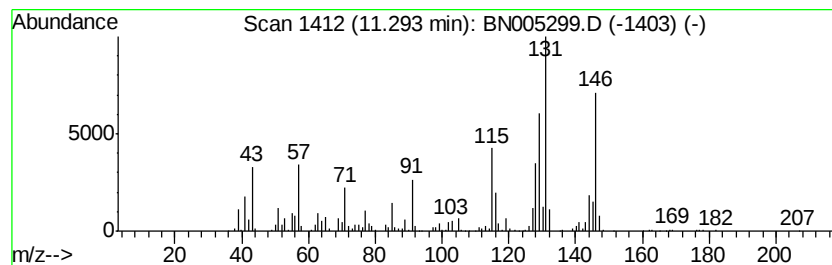
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Benzene, 2-ethenyl-1,3,5-tr... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	4.77 ng/ul	1491780	Naphthalene-d8	10.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	89
2		Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	59
3		.alpha.,.beta.,.beta.-Trimethyls...	146	C11H14	000769-57-3	58
4		Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	52
5		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005299.D
Acq On : 26 Apr 2019 02:26
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ClientSampleId :
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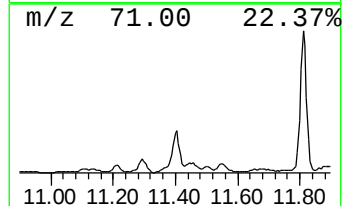
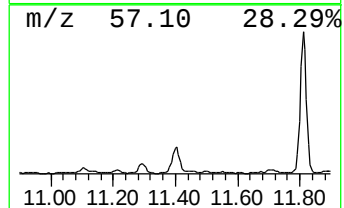
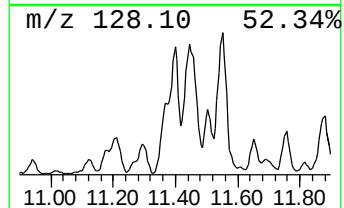
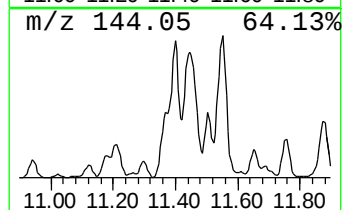
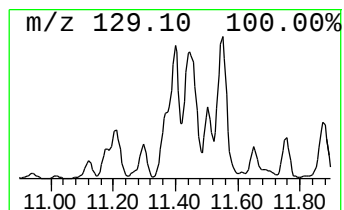
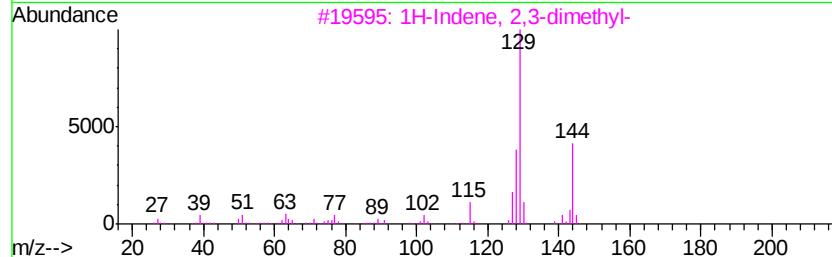
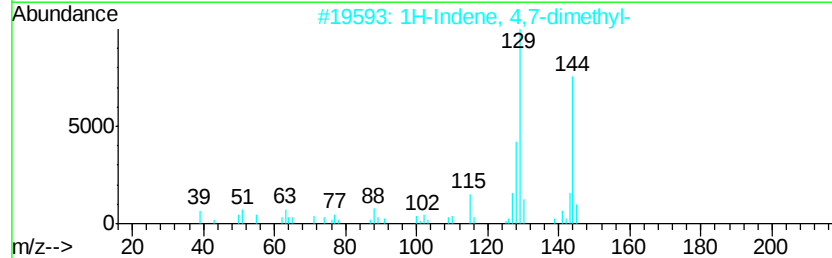
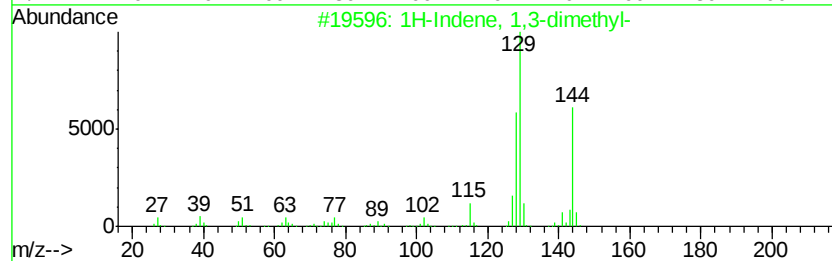
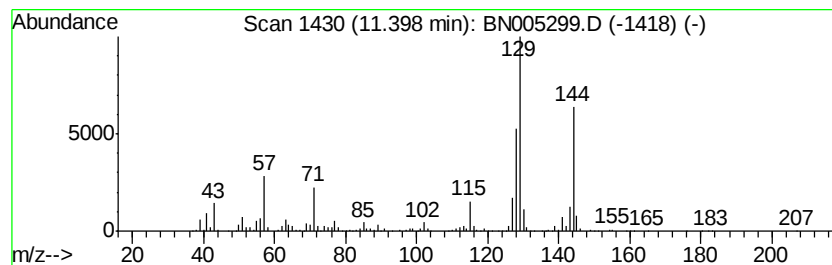
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 1H-Indene, 1,3-dimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.40	10.19 ng/ul	3186890	Naphthalene-d8	10.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	96
2		1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	93
3		1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	93
4		Naphthalene, 1,2-dihydro-6-methyl-	144	C11H12	002717-47-7	90
5		Naphthalene, 1,2-dihydro-4-methyl-	144	C11H12	004373-13-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005299.D
Acq On : 26 Apr 2019 02:26
Operator : JU/SJ
Sample : K2481-06 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHW1

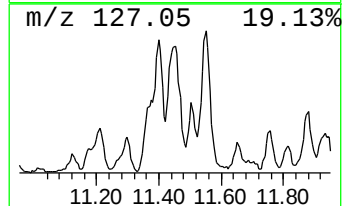
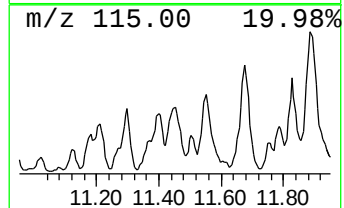
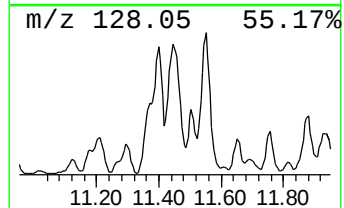
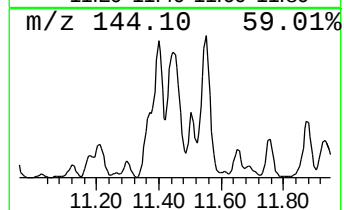
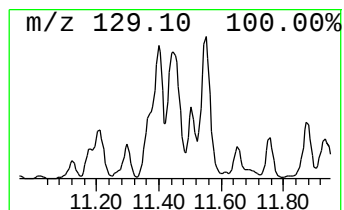
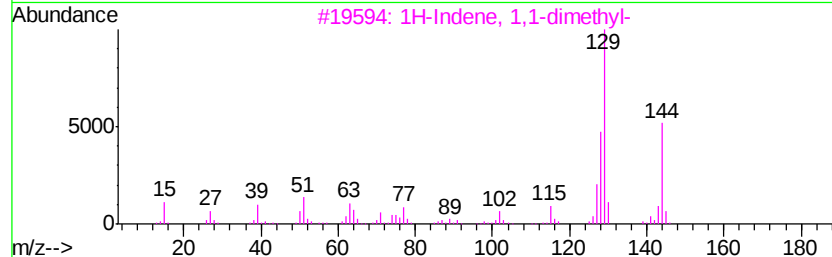
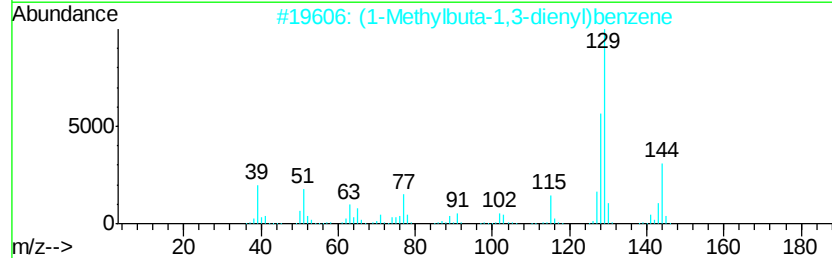
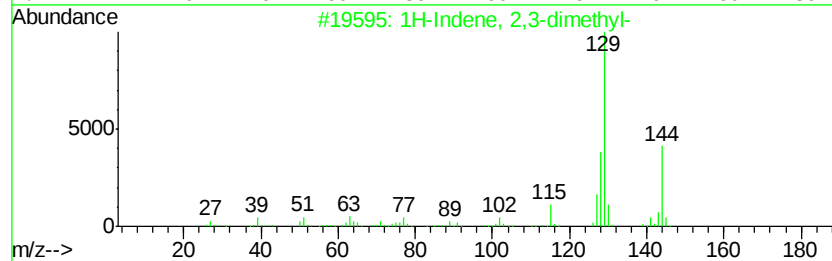
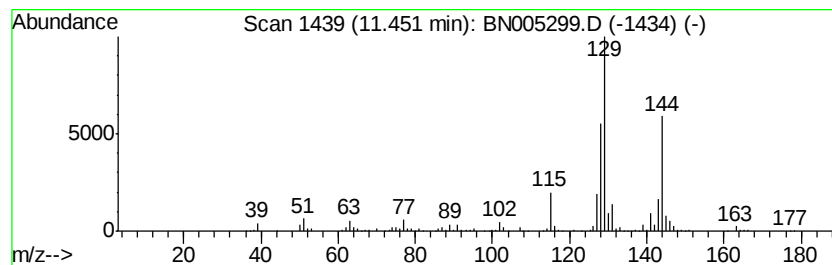
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 1H-Indene, 2,3-dimethyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.45	6.21 ng/ul	1941340	Napthalene-d8	10.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	91
2		(1-Methylbuta-1,3-dienyl)benzene	144	C11H12	054758-36-0	91
3		1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	91
4		1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	90
5		1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005299.D
Acq On : 26 Apr 2019 02:26
Operator : JU/SJ
Sample : K2481-06 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHW1

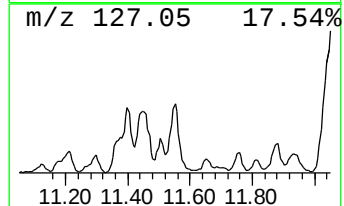
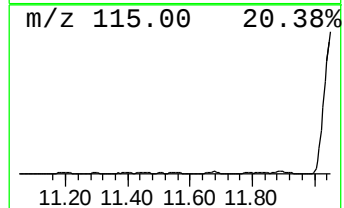
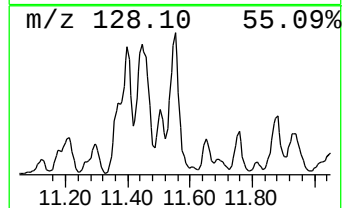
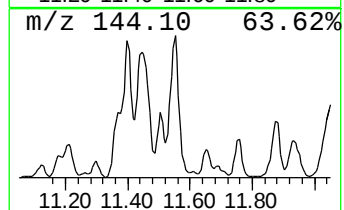
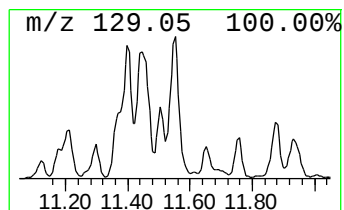
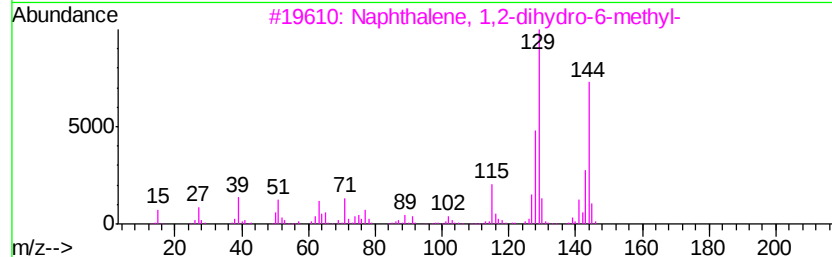
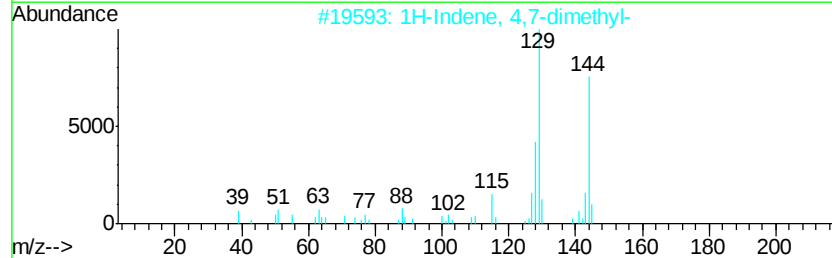
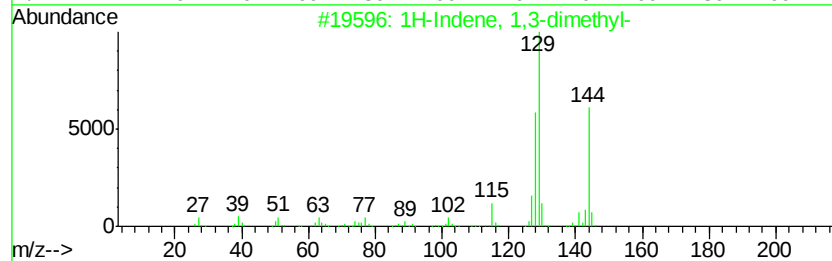
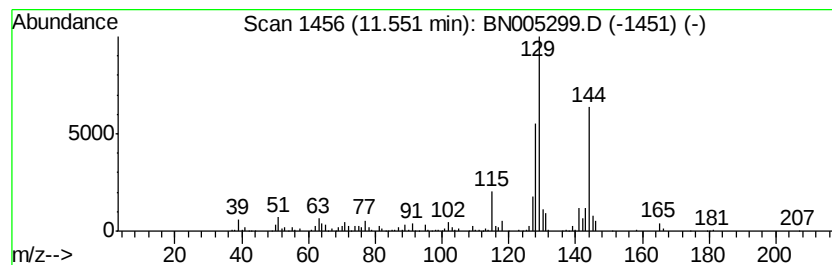
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 1H-Indene, 4,7-dimethyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	7.07 ng/ul	2211960	Naphthalene-d8	10.36

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	94
2			1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	83
3			Naphthalene, 1,2-dihydro-6-methyl-	144	C11H12	002717-47-7	83
4			2-Ethyl-1-H-indene	144	C11H12	017059-50-6	81
5			1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005299.D
Acq On : 26 Apr 2019 02:26
Operator : JU/SJ
Sample : K2481-06 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHW1

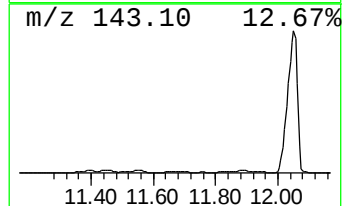
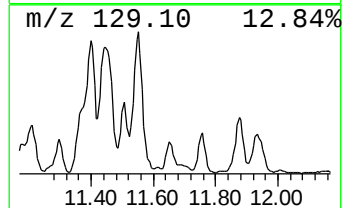
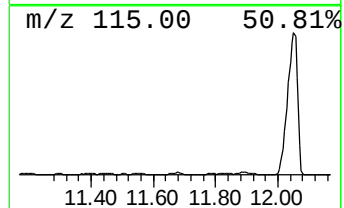
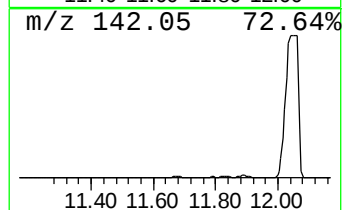
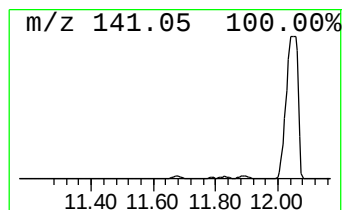
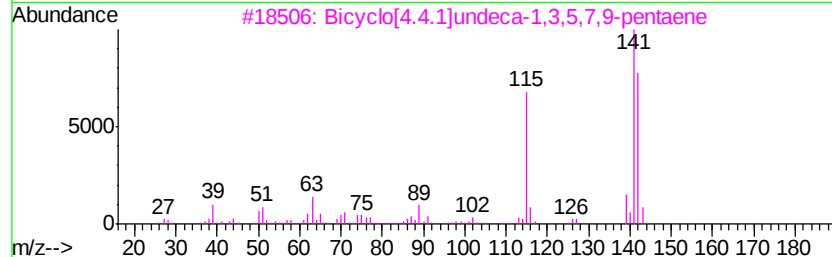
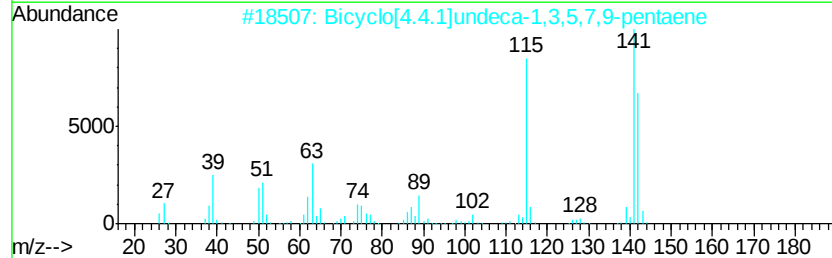
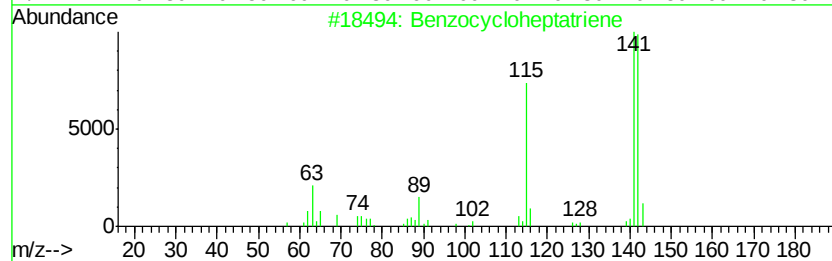
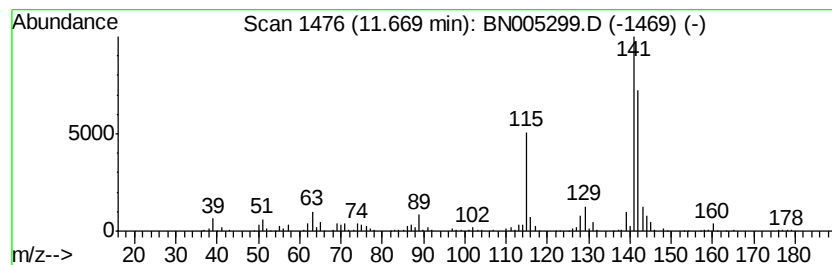
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 Benzocycloheptatriene Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.67	5.16 ng/ul	1613610	Naphthalene-d8	10.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzocycloheptatriene	142	C11H10	000264-09-5	93
2		Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	93
3		Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	93
4		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	93
5		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005299.D
Acq On : 26 Apr 2019 02:26
Operator : JU/SJ
Sample : K2481-06 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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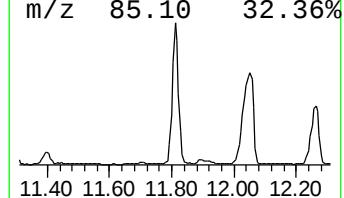
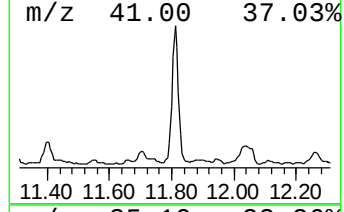
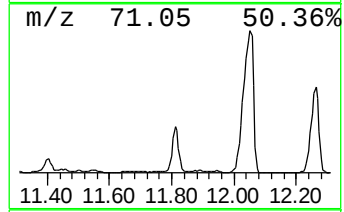
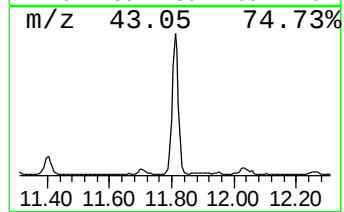
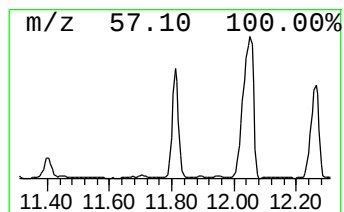
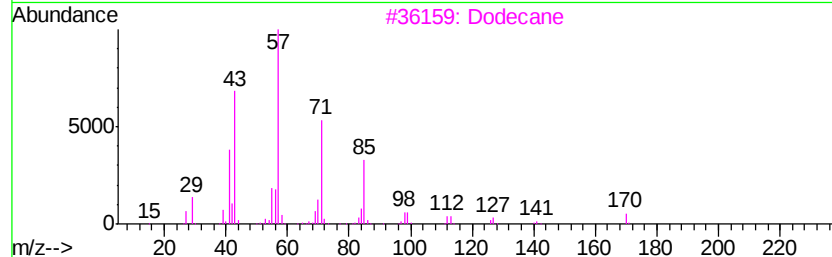
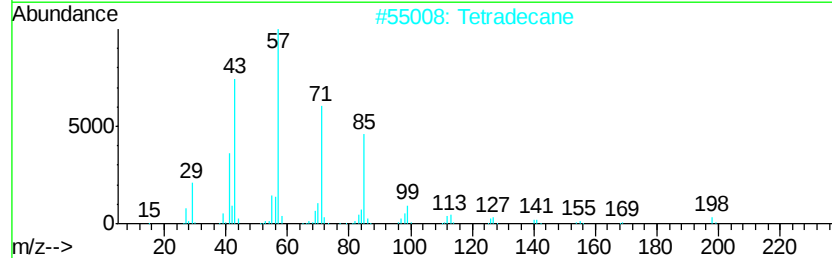
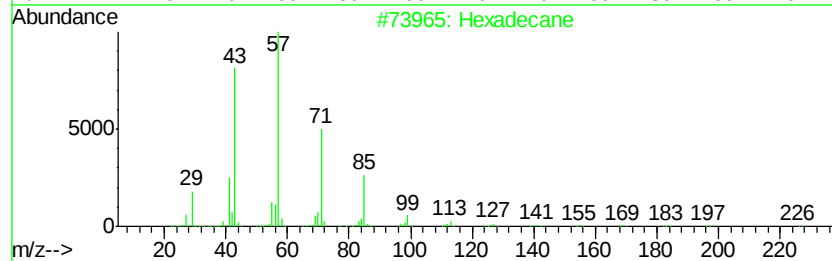
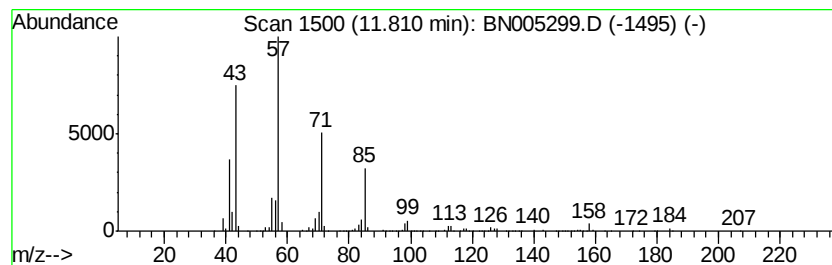
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	8.57 ng/ul	2679200	Napthalene-d8	10.36

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	87
2			Tetradecane	198	C14H30	000629-59-4	86
3			Dodecane	170	C12H26	000112-40-3	86
4			Pentadecane	212	C15H32	000629-62-9	86
5			Hexadecane	226	C16H34	000544-76-3	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005299.D
Acq On : 26 Apr 2019 02:26
Operator : JU/SJ
Sample : K2481-06 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHW1

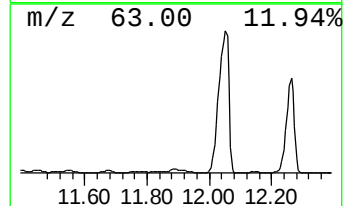
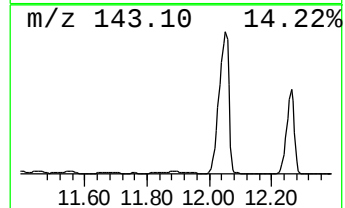
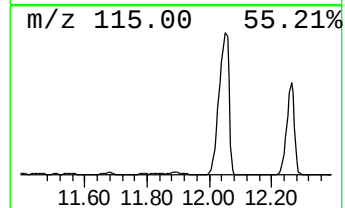
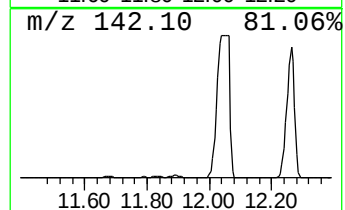
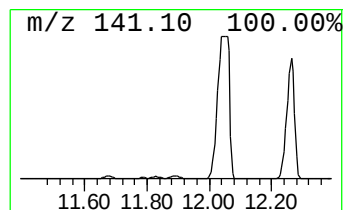
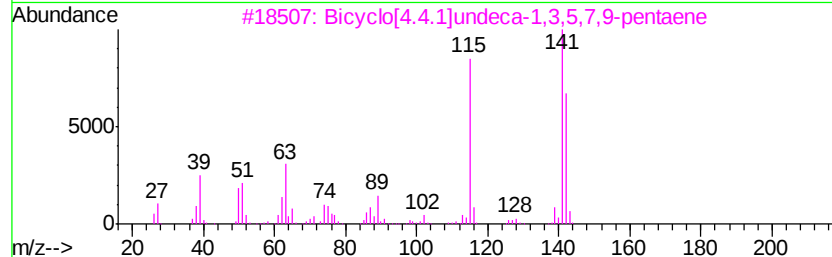
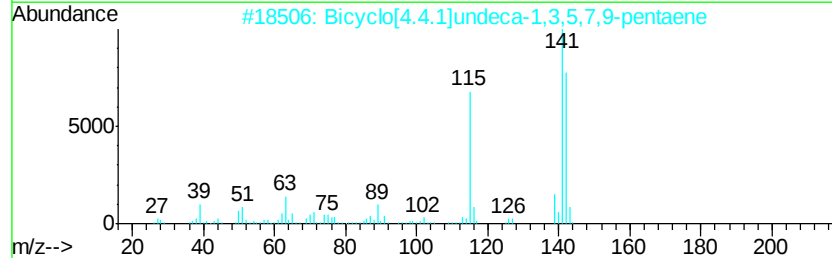
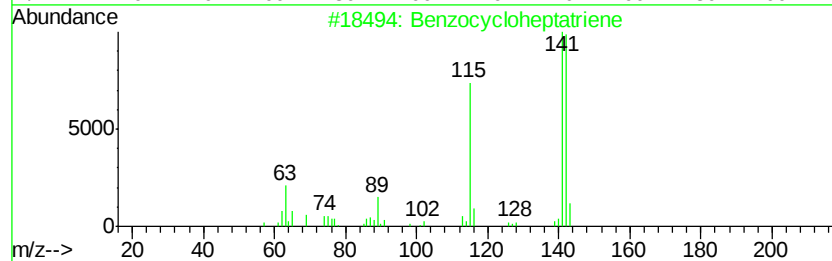
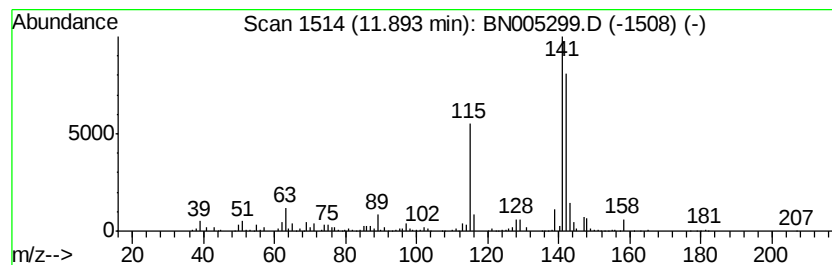
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 Bicyclo[4.4.1]undeca-1,3,5,... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	4.12 ng/ul	1287640	Naphthalene-d8	10.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzocycloheptatriene	142	C11H10	000264-09-5	92
2		Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	90
3		Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	89
4		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	81
5		Benzocycloheptatriene	142	C11H10	000264-09-5	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
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Acq On : 26 Apr 2019 02:26
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Misc :
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ClientSampleId :
GAHW1

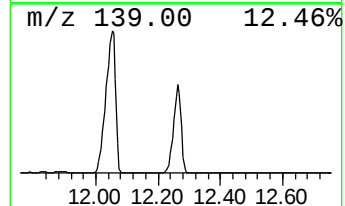
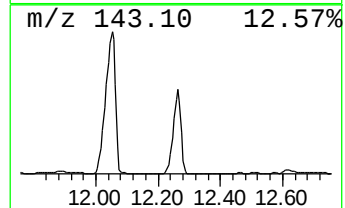
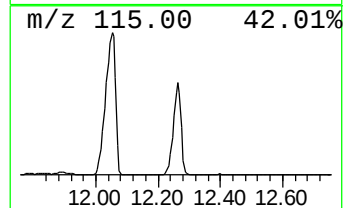
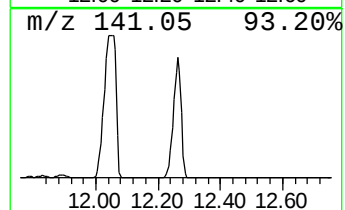
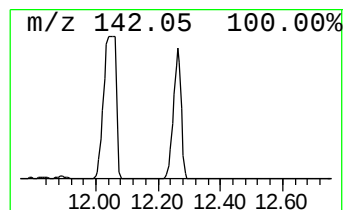
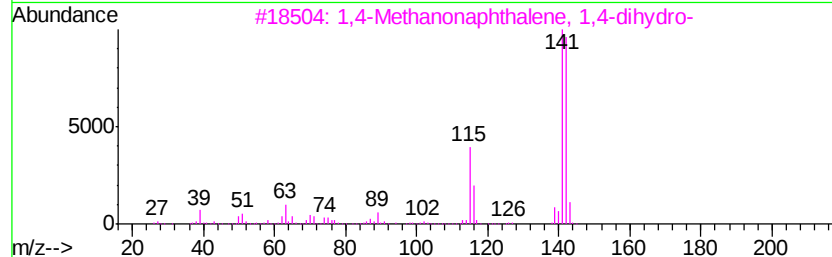
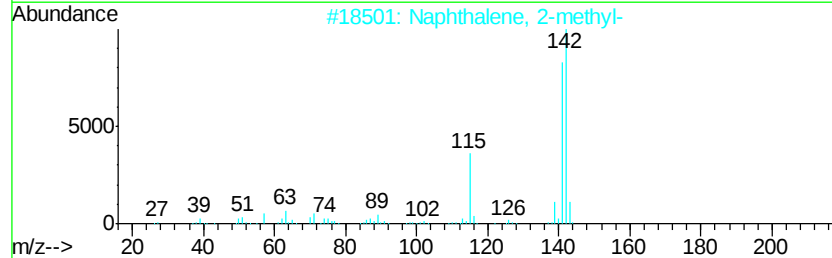
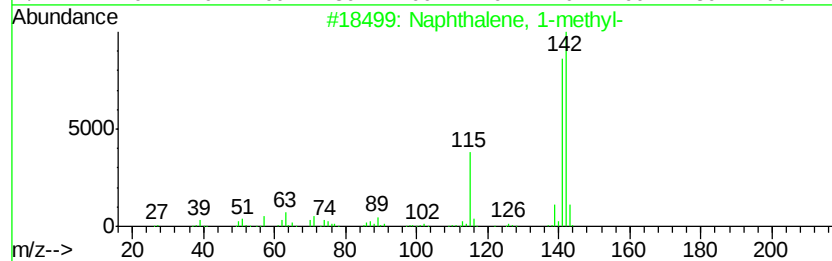
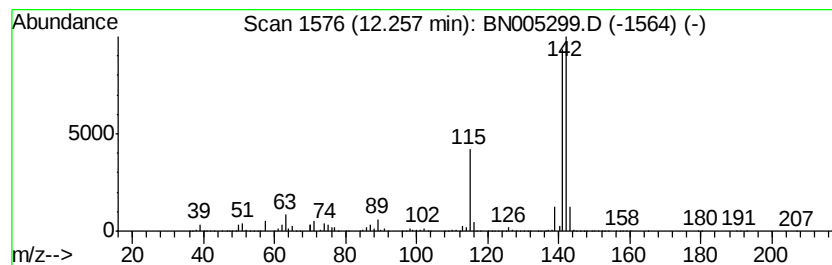
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	155.07 ng/ul	48485900	Naphthalene-d8	10.36

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	96
3		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
4		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5		Benzocycloheptatriene	142	C11H10	000264-09-5	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005299.D
Acq On : 26 Apr 2019 02:26
Operator : JU/SJ
Sample : K2481-06 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHW1

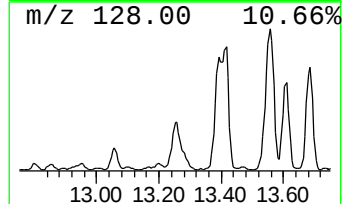
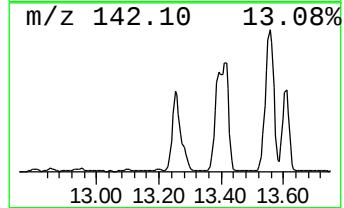
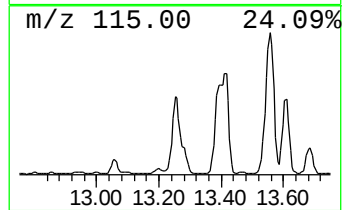
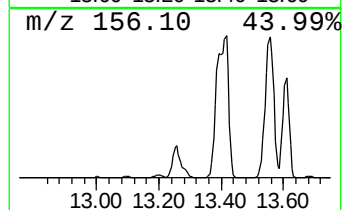
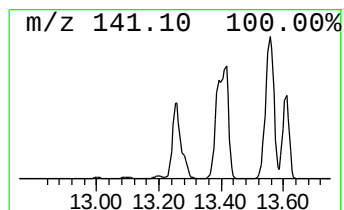
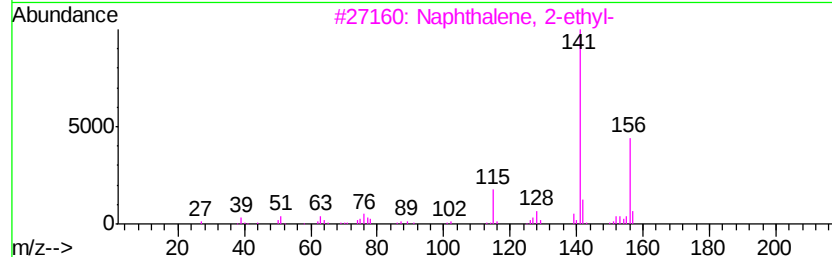
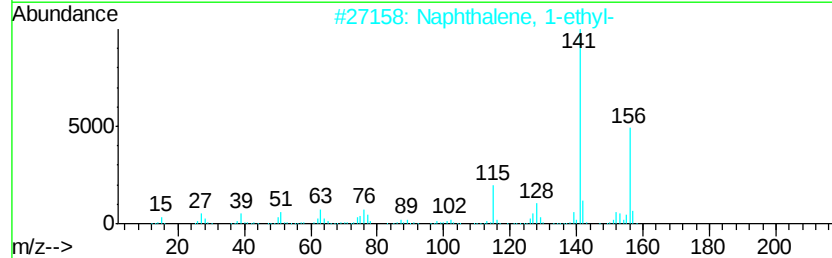
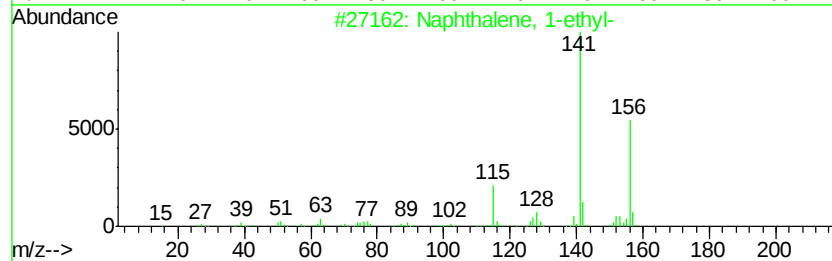
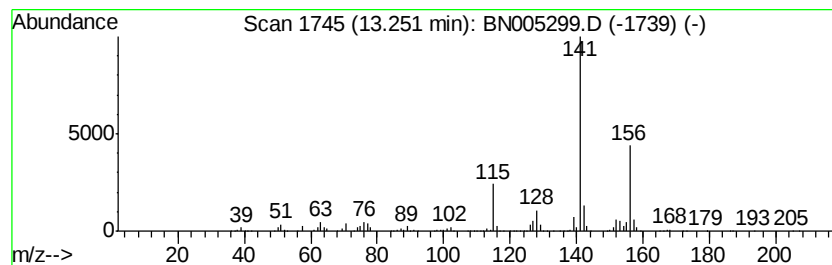
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 Naphthalene, 1-ethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	18.41 ng/ul	12394900	Acenaphthene-d10	14.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
2			Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
3			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
4			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
5			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005299.D
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Operator : JU/SJ
Sample : K2481-06 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

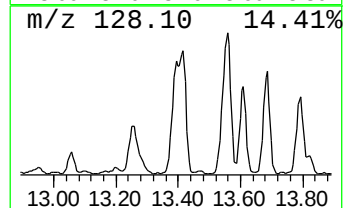
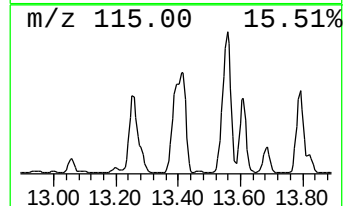
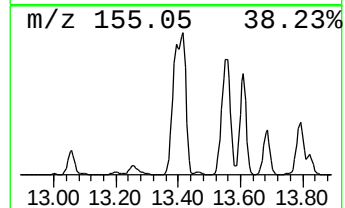
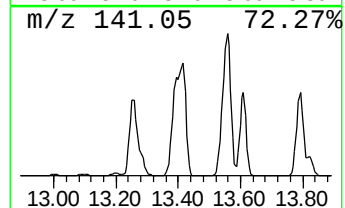
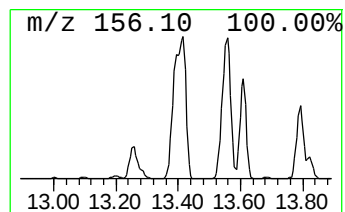
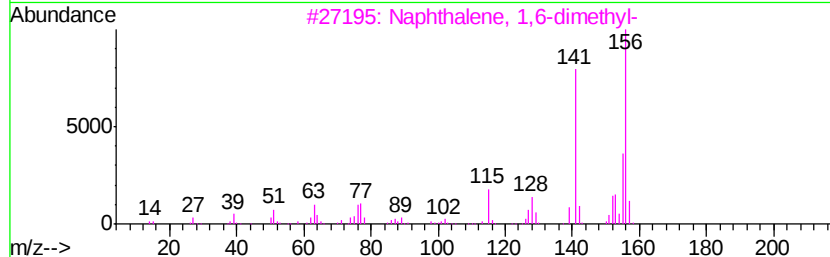
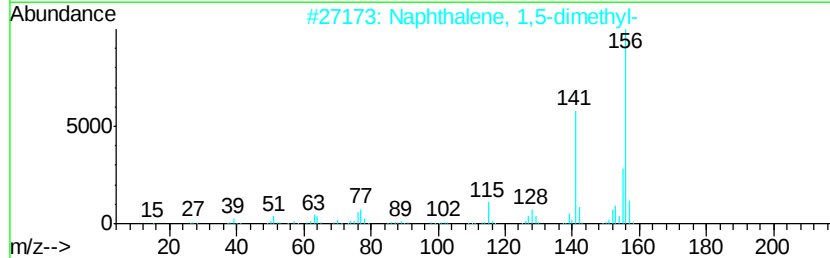
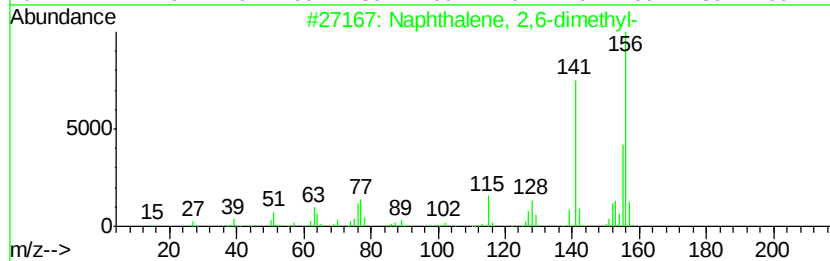
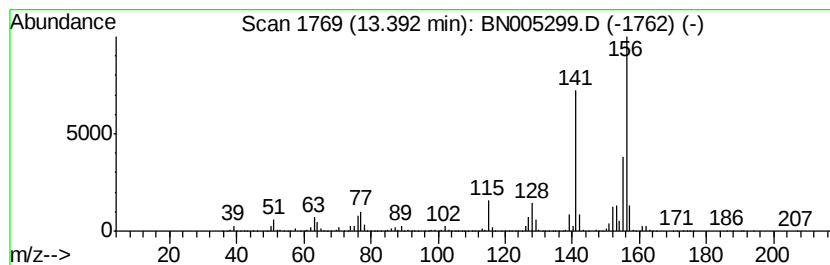
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 18 Naphthalene, 2,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	28.41 ng/ul	19124600	Acenaphthene-d10	14.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 97
2		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 97
3		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 97
4		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 97
5		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 97



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005299.D
Acq On : 26 Apr 2019 02:26
Operator : JU/SJ
Sample : K2481-06 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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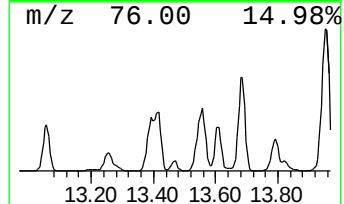
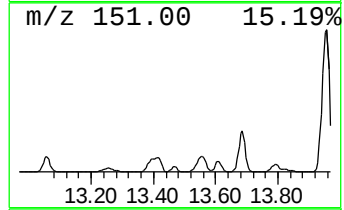
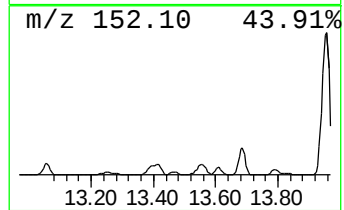
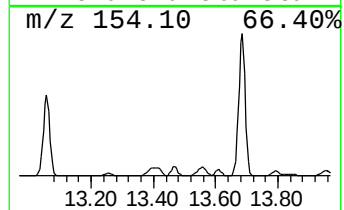
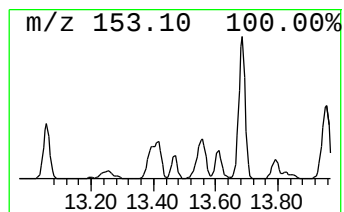
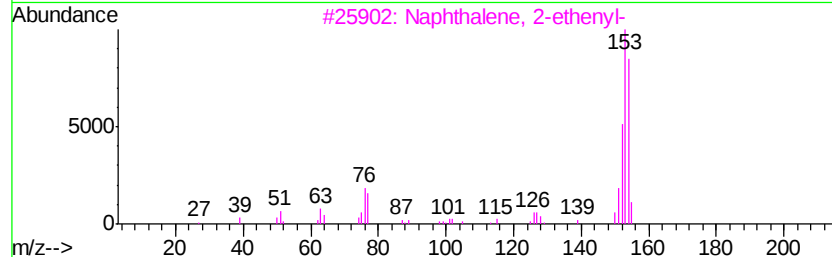
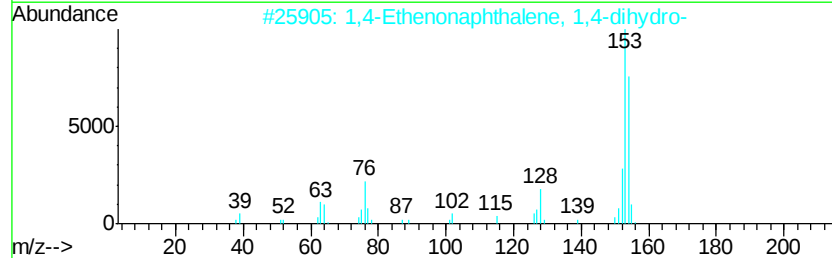
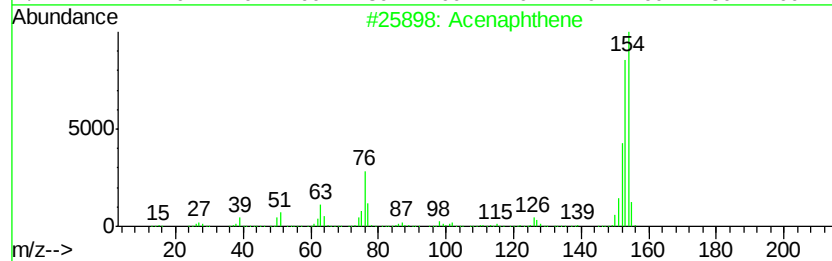
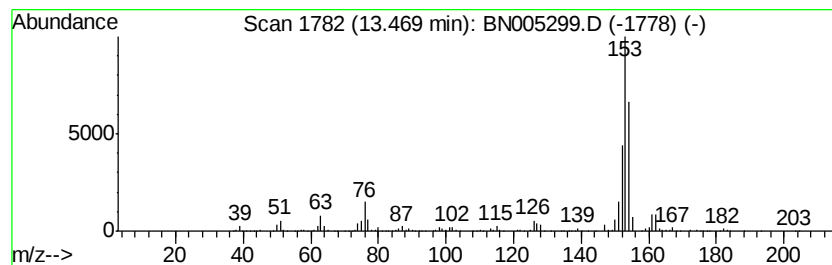
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 1,4-Ethenonaphthalene, 1,4-... Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	2.42 ng/ul	1630410	Acenaphthene-d10	14.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acenaphthene	154	C12H10	000083-32-9	50
2			1,4-Ethenonaphthalene, 1,4-dihydro-	154	C12H10	007322-47-6	50
3			Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	46
4			Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	46
5			Acenaphthene	154	C12H10	000083-32-9	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005299.D
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Operator : JU/SJ
Sample : K2481-06 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

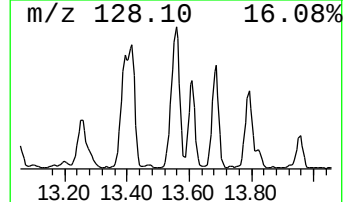
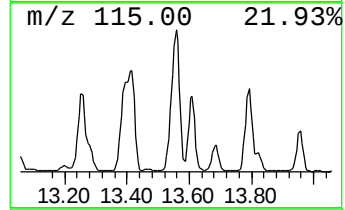
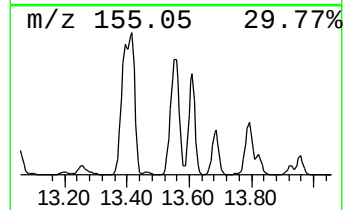
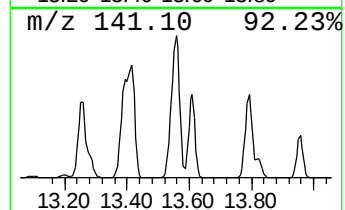
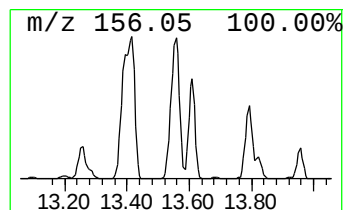
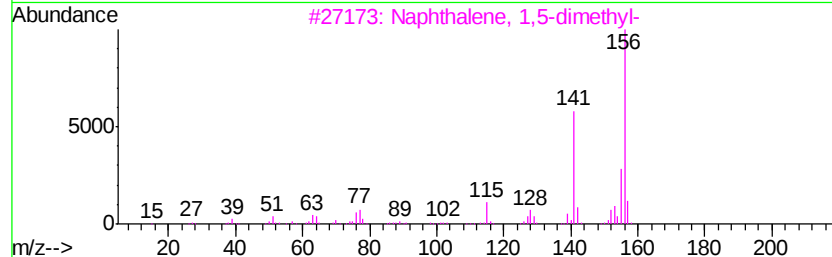
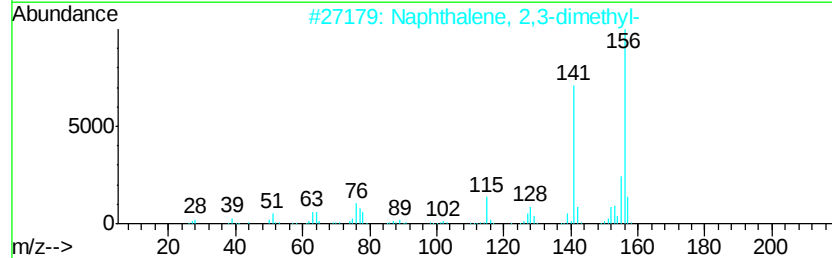
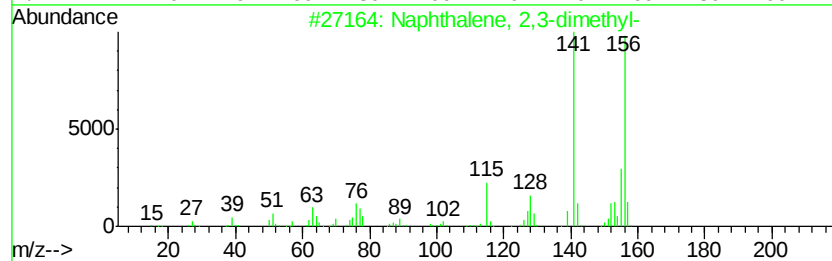
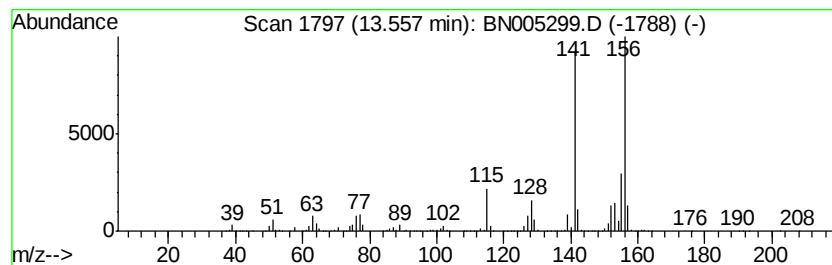
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 20 Naphthalene, 2,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.56	47.64 ng/ul	32068300	Acenaphthene-d10	14.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 98
2		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97
3		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 97
4		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 97
5		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 97



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005299.D
Acq On : 26 Apr 2019 02:26
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Sample : K2481-06 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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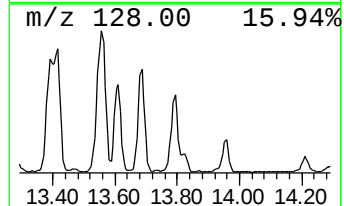
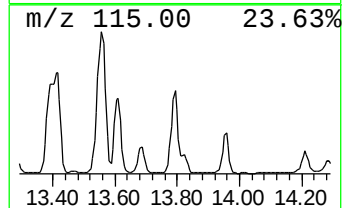
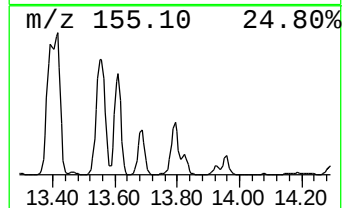
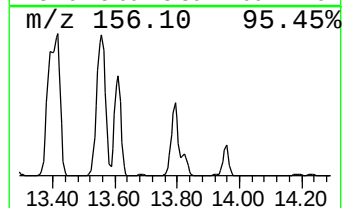
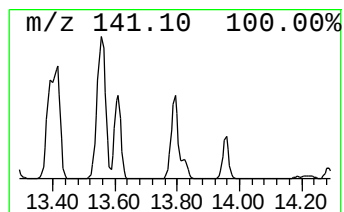
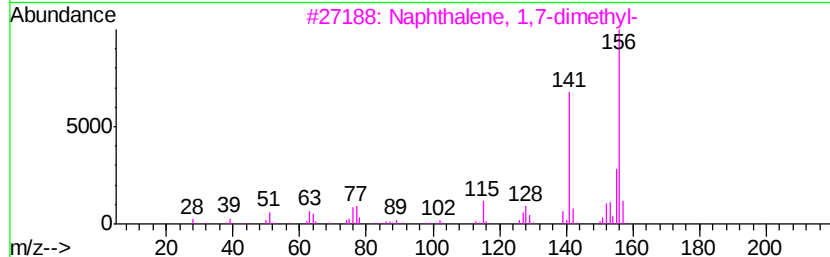
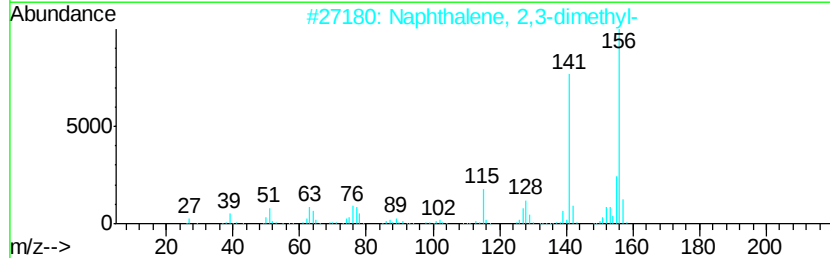
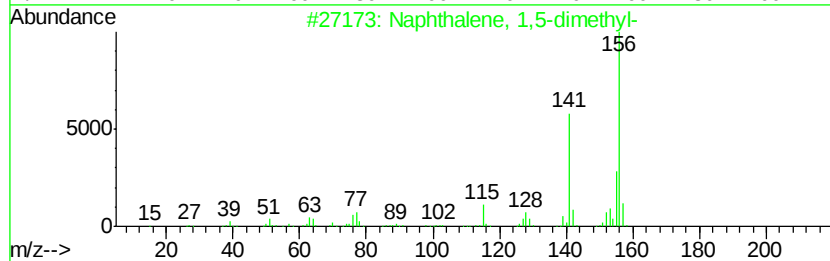
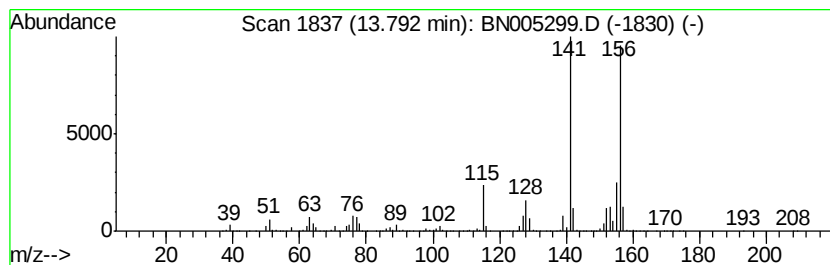
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 Naphthalene, 1,5-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	19.96 ng/ul	13438400	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005299.D
Acq On : 26 Apr 2019 02:26
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Misc :
ALS Vial : 16 Sample Multiplier: 1

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BNA_N
ClientSampleId :
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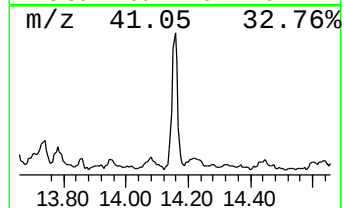
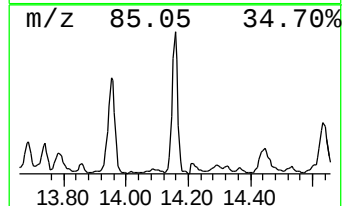
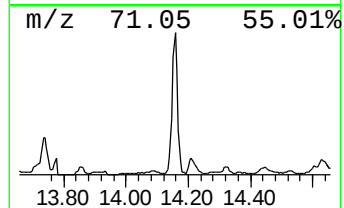
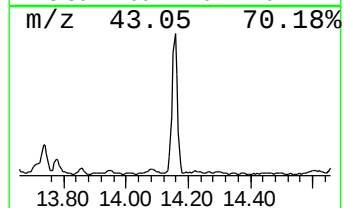
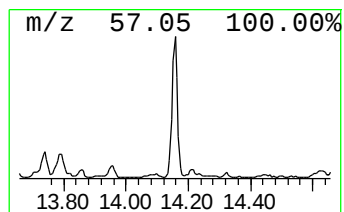
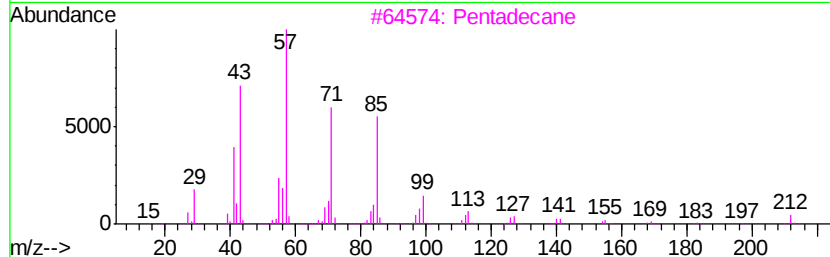
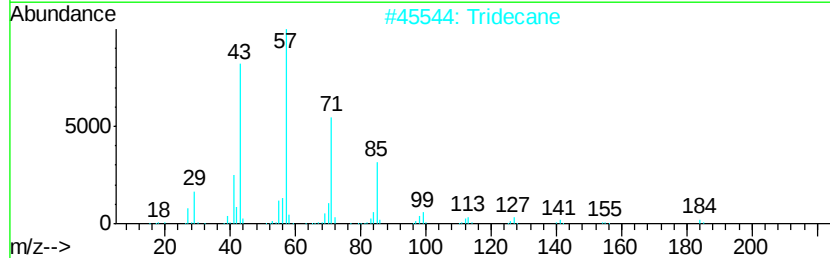
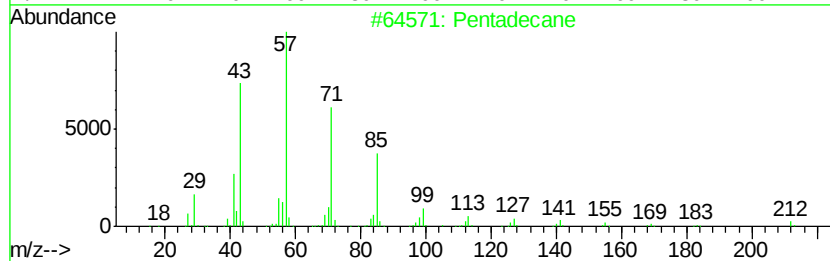
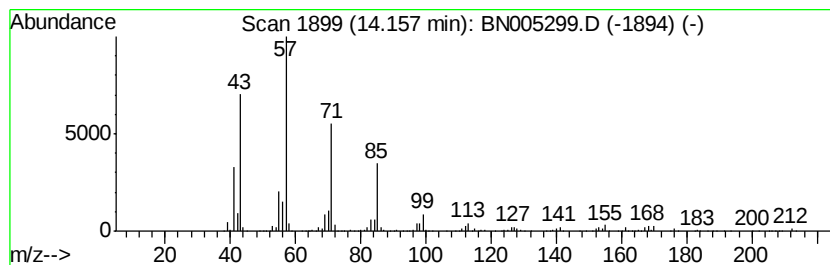
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.16	2.15 ng/ul	1450000	Acenaphthene-d10	14.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	94
2			Tridecane	184	C13H28	000629-50-5	93
3			Pentadecane	212	C15H32	000629-62-9	91
4			Eicosane	282	C20H42	000112-95-8	91
5			Tetradecane	198	C14H30	000629-59-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005299.D
Acq On : 26 Apr 2019 02:26
Operator : JU/SJ
Sample : K2481-06 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHW1

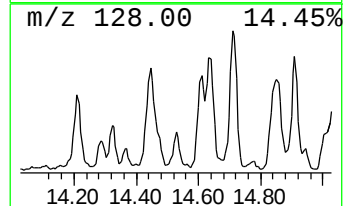
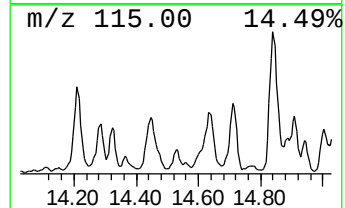
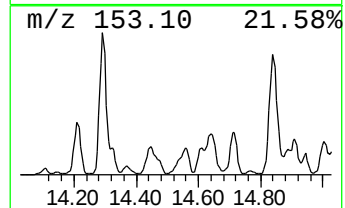
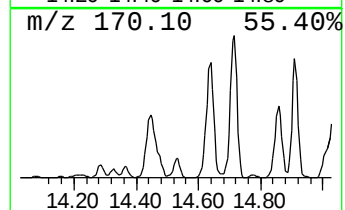
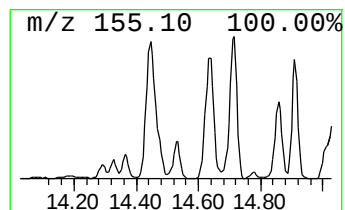
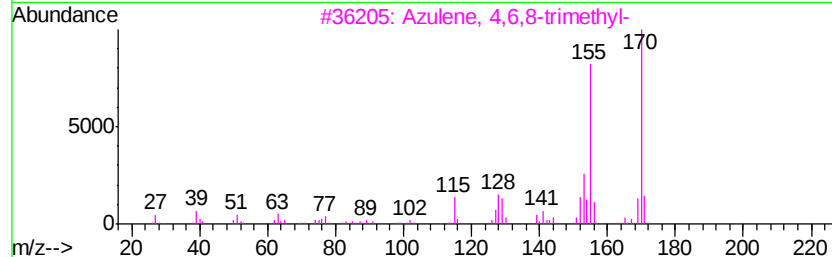
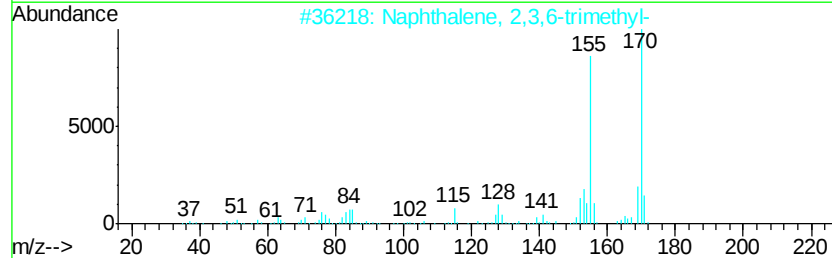
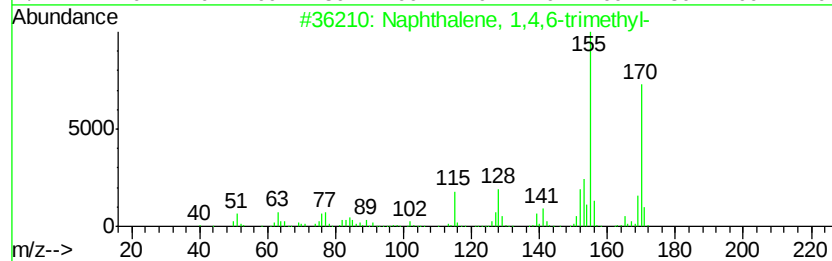
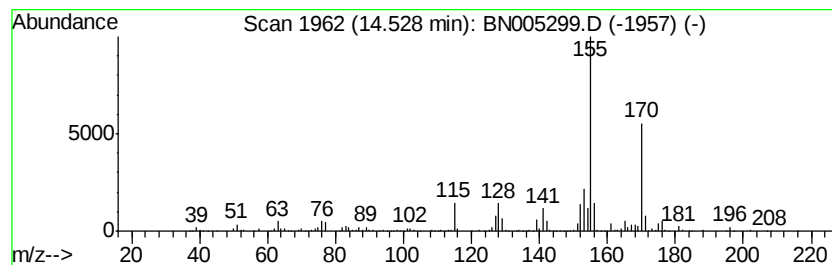
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 Naphthalene, 1,4,6-trimethyl- Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.53	2.03 ng/ul	1366980	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
3		Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	94
4		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
5		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005299.D
Acq On : 26 Apr 2019 02:26
Operator : JU/SJ
Sample : K2481-06 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHW1

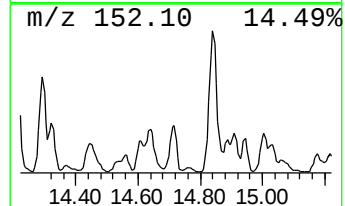
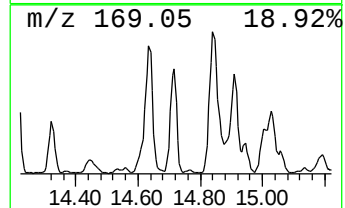
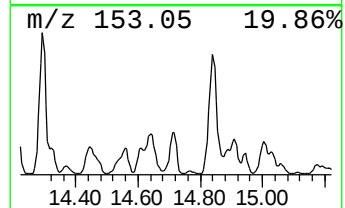
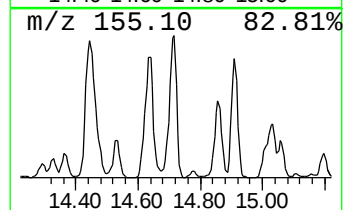
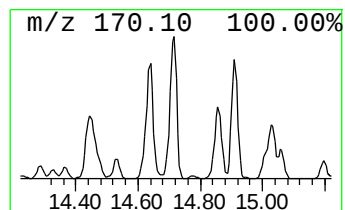
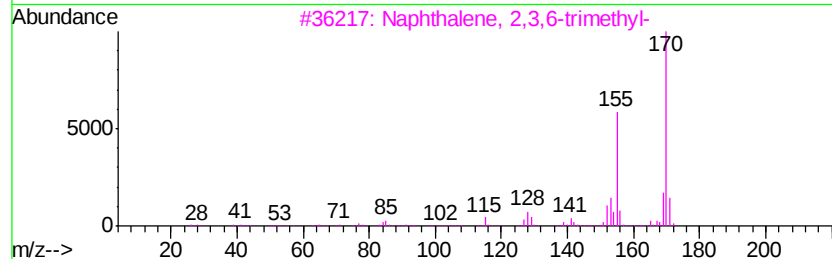
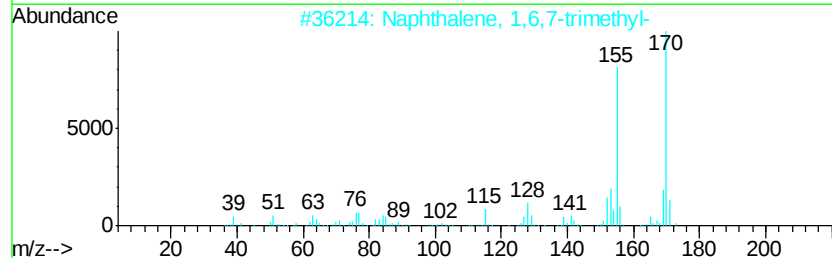
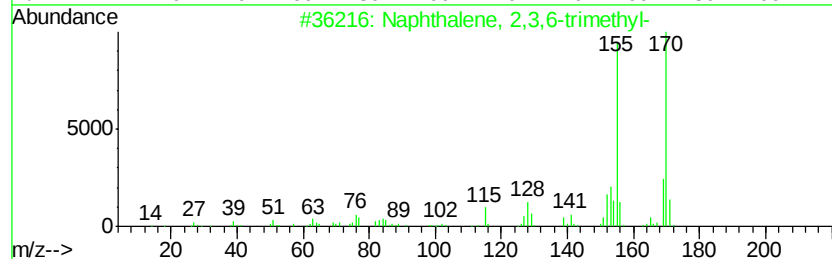
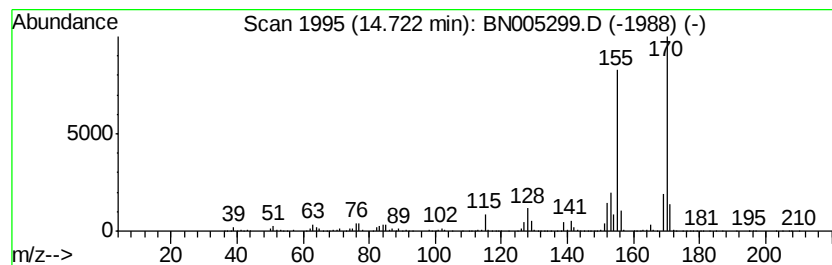
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 Naphthalene, 2,3,6-trimethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	8.26 ng/ul	5560200	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
4		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
5		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005299.D
Acq On : 26 Apr 2019 02:26
Operator : JU/SJ
Sample : K2481-06 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHW1

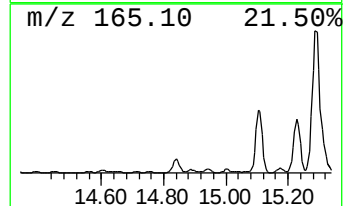
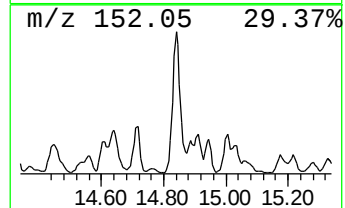
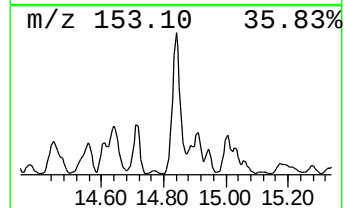
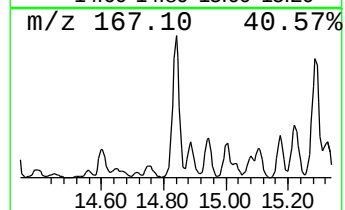
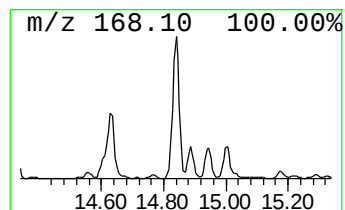
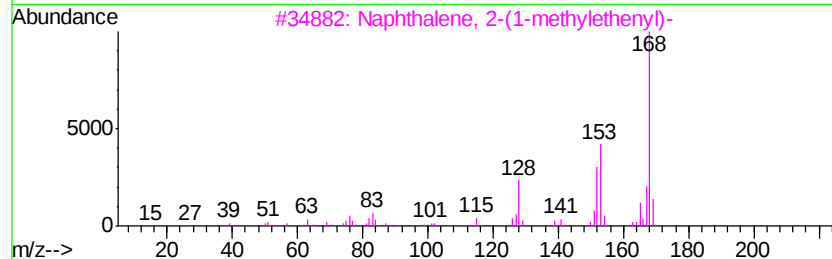
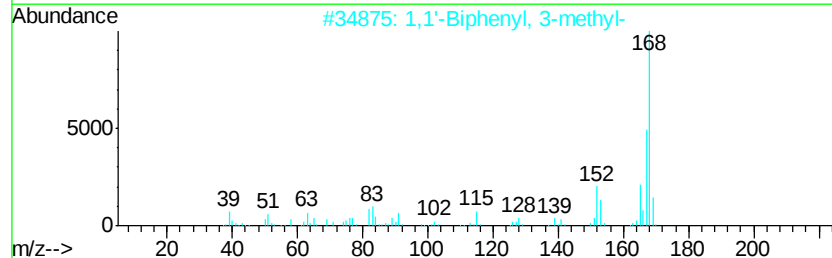
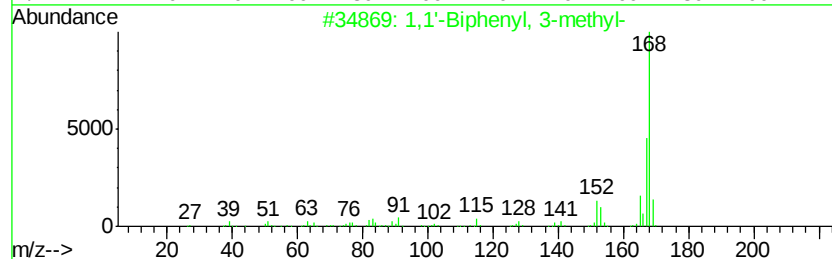
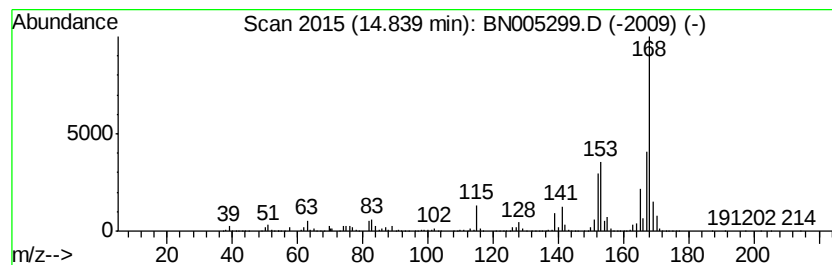
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 1,1'-Biphenyl, 3-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	18.60 ng/ul	12520500	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	80
2		1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	74
3		Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	58
4		1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	58
5		Diphenylmethane	168	C13H12	000101-81-5	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005299.D
Acq On : 26 Apr 2019 02:26
Operator : JU/SJ
Sample : K2481-06 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHW1

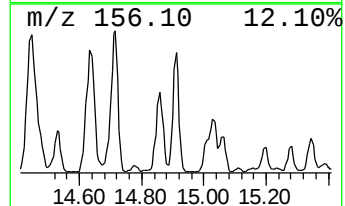
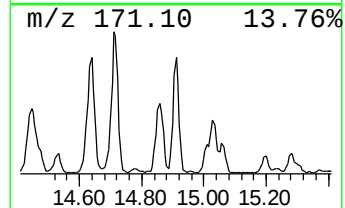
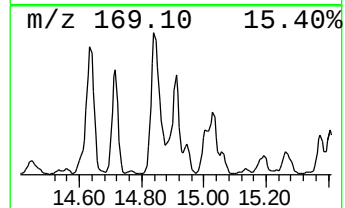
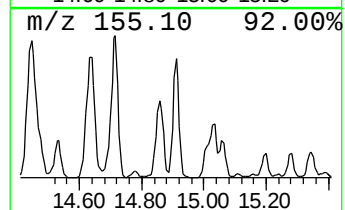
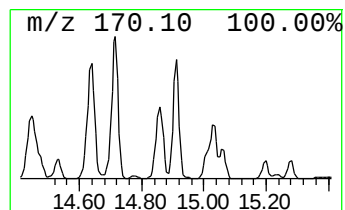
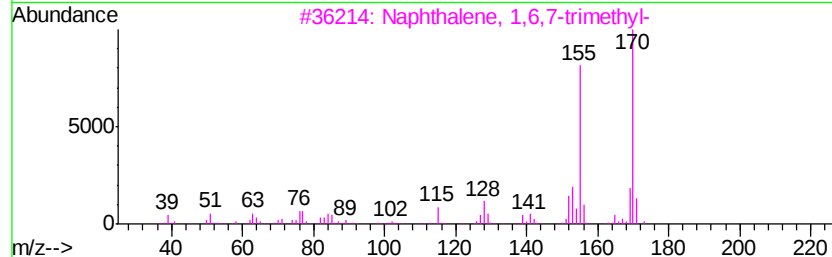
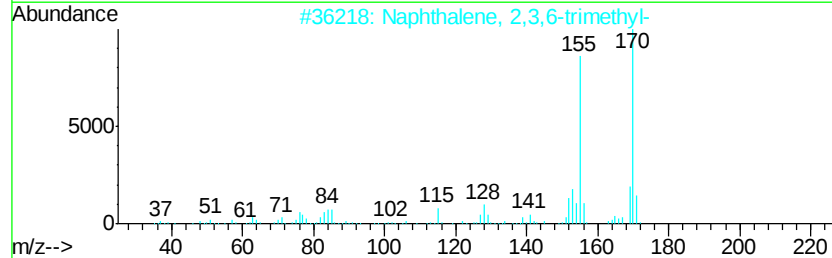
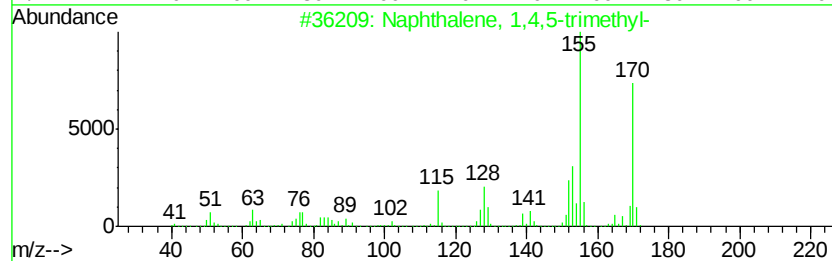
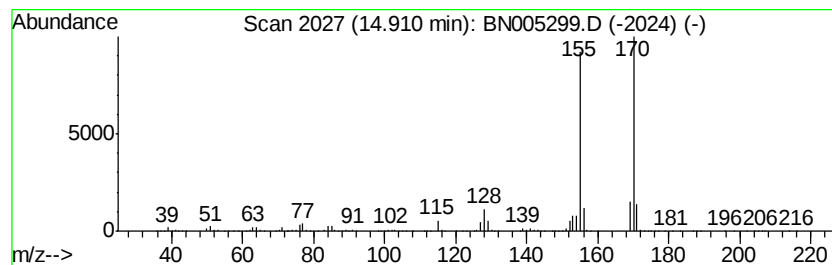
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 Naphthalene, 1,4,5-trimethyl- Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.91	4.73 ng/ul	3180550	Acenaphthene-d10	14.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	91
3			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	90
4			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	90
5			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005299.D
Acq On : 26 Apr 2019 02:26
Operator : JU/SJ
Sample : K2481-06 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHW1

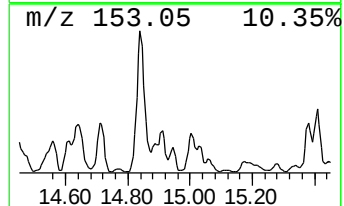
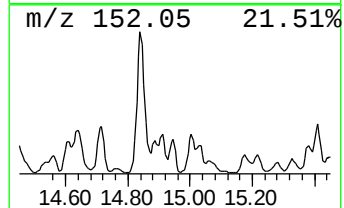
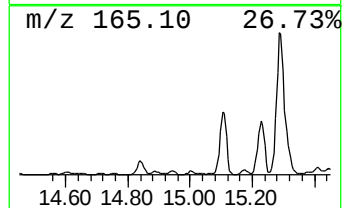
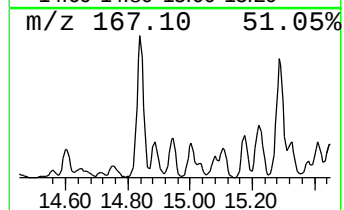
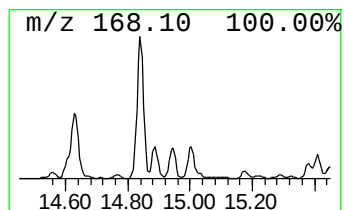
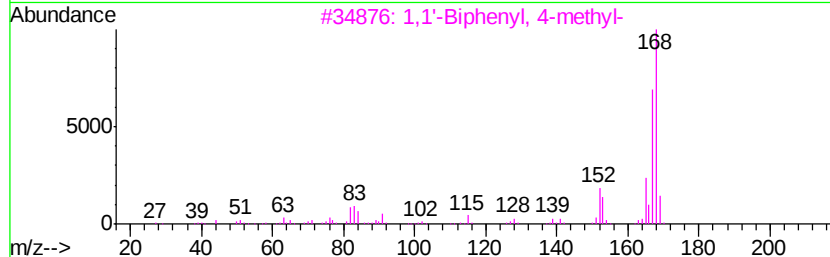
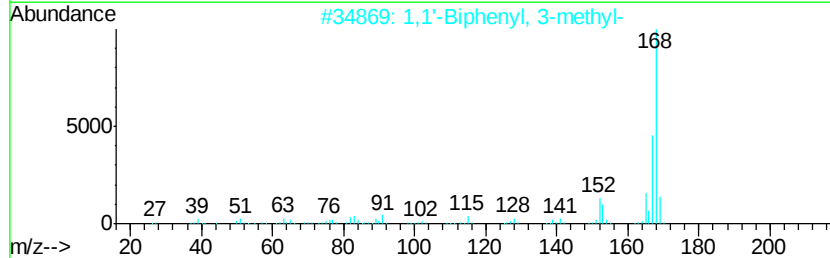
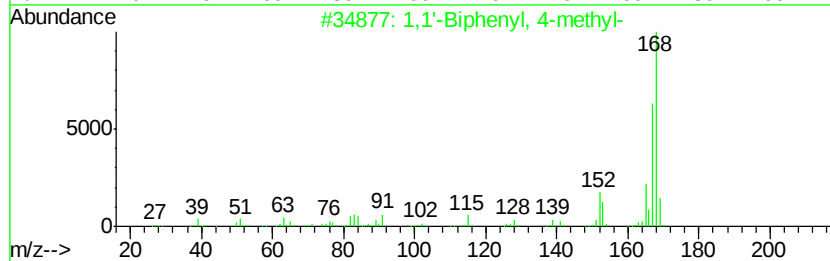
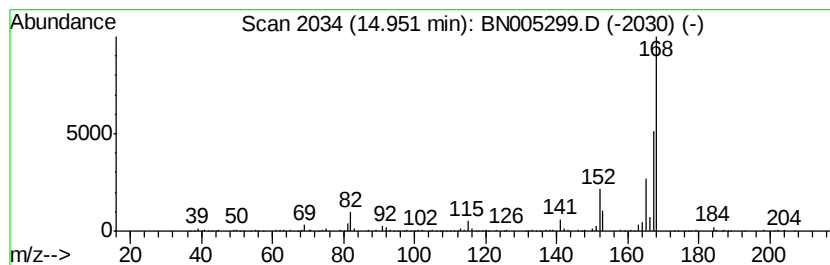
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Quant Title : SVOA CALIBRATION

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

Peak Number 27 1,1'-Biphenyl, 4-methyl- Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.95	2.63 ng/ul	1771940	Acenaphthene-d10	14.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	87
2			1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	87
3			1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	83
4			1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	81
5			1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005299.D
Acq On : 26 Apr 2019 02:26
Operator : JU/SJ
Sample : K2481-06 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHW1

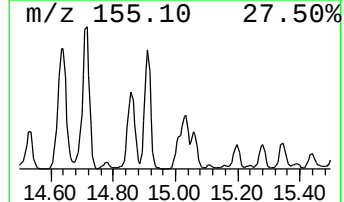
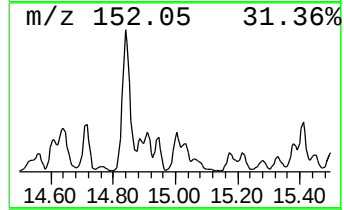
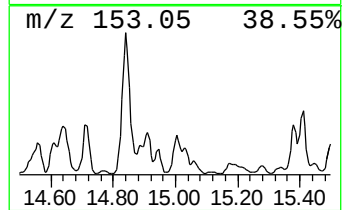
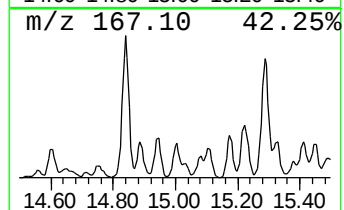
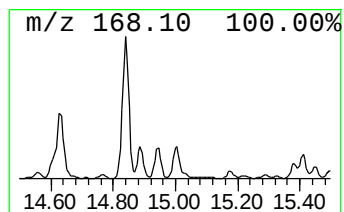
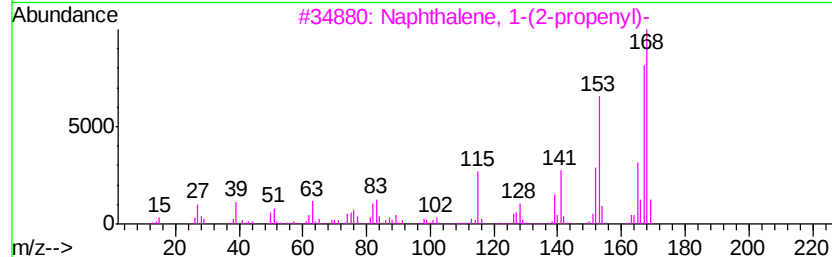
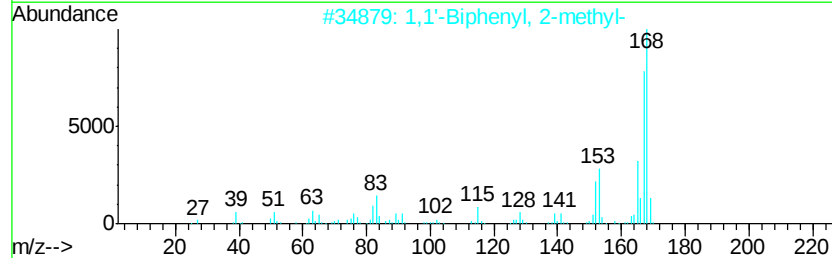
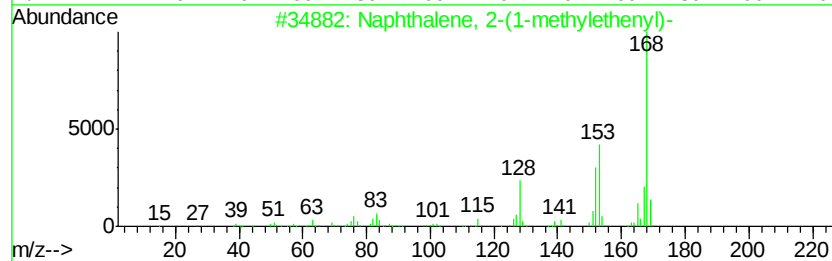
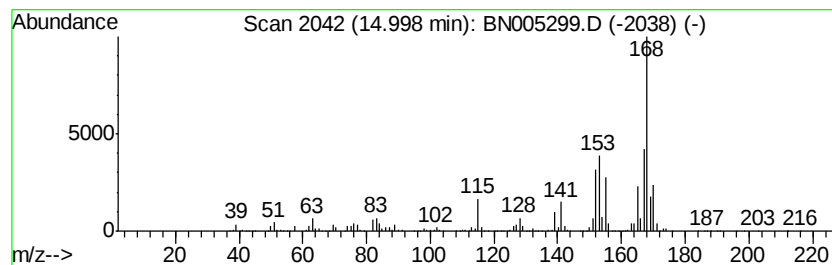
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 unknown-01 Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.00	4.42 ng/ul	2971960	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	43
2		1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	43
3		Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	38
4		1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	38
5		1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	32



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005299.D
Acq On : 26 Apr 2019 02:26
Operator : JU/SJ
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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
GAHW1

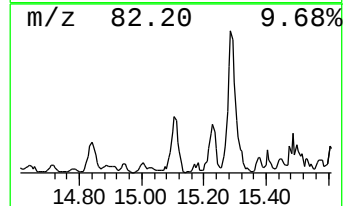
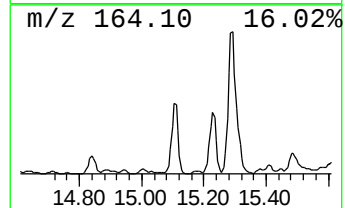
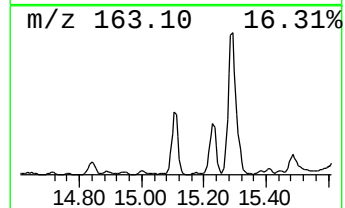
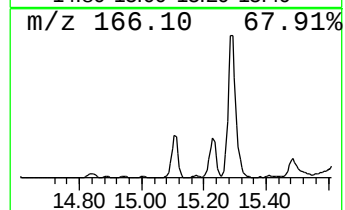
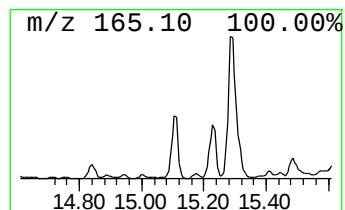
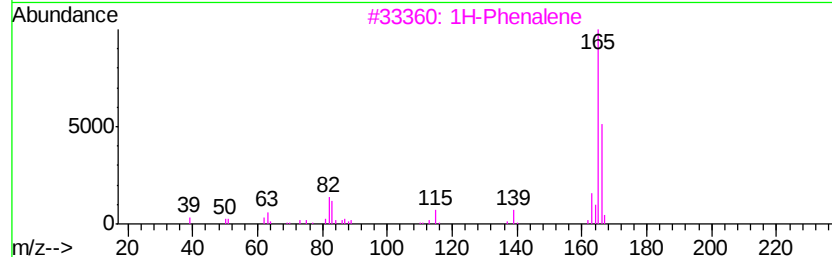
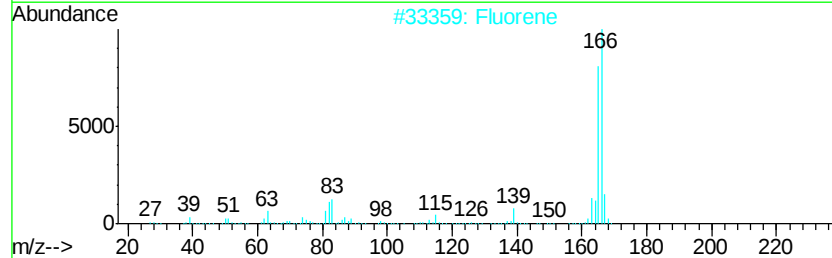
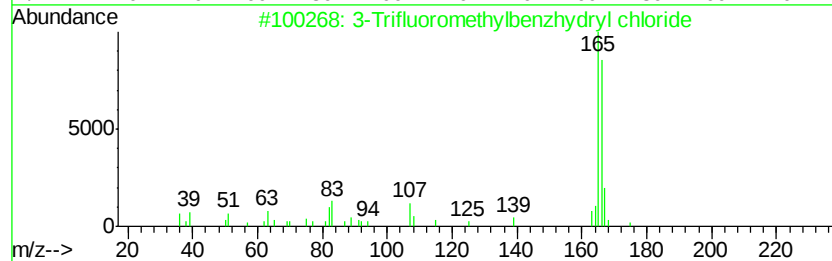
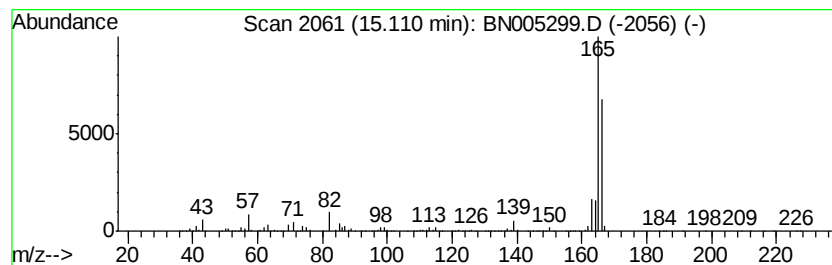
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Quant Title : SVOA CALIBRATION

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

Peak Number 29 3-Trifluoromethylbenzhydryl... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.11	10.21 ng/ul	6870740	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Trifluoromethylbenzhydryl chlo...	270	C14H10ClF3	067240-79-3	78
2		Fluorene	166	C13H10	000086-73-7	58
3		1H-Phenylene	166	C13H10	000203-80-5	56
4		Fluorene	166	C13H10	000086-73-7	50
5		9H-Fluorene, 9-bromo-	244	C13H9Br	001940-57-4	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005299.D
Acq On : 26 Apr 2019 02:26
Operator : JU/SJ
Sample : K2481-06 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHW1

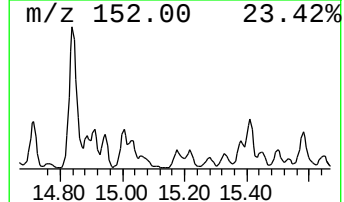
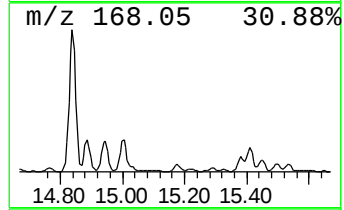
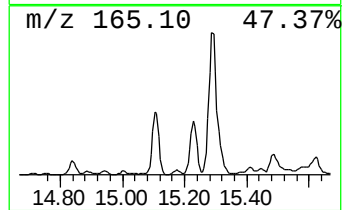
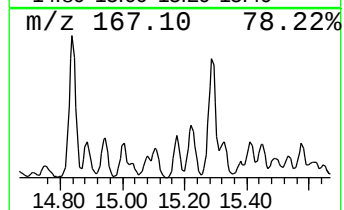
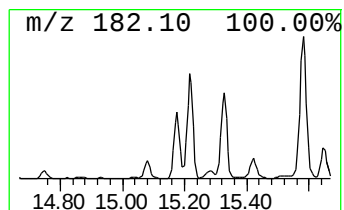
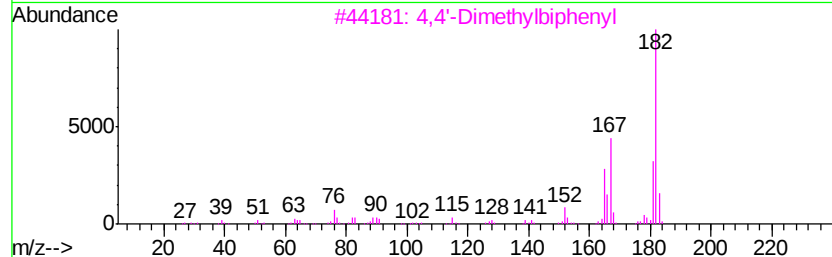
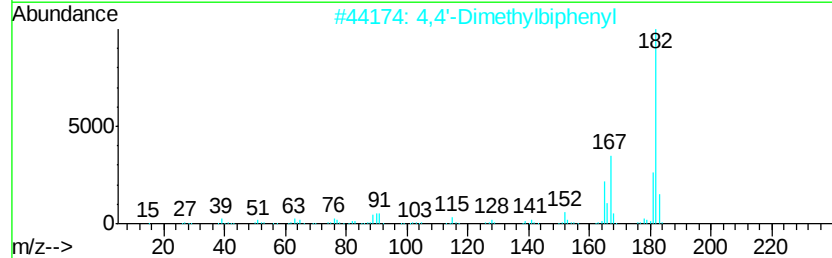
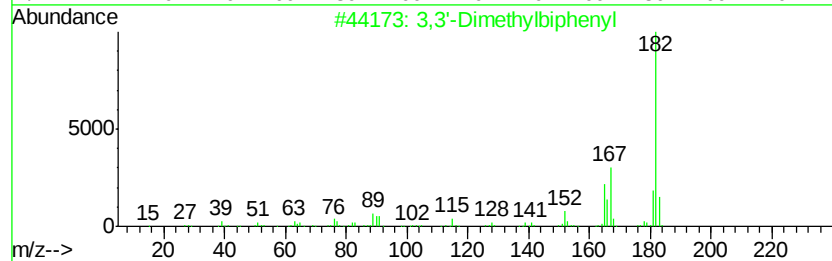
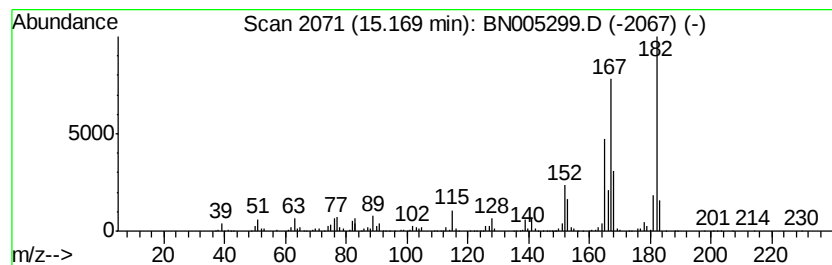
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Quant Title : SVOA CALIBRATION

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

Peak Number 30 3,3'-Dimethylbiphenyl Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	3.29 ng/ul	2212080	Acenaphthene-d10	14.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	93
2			4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	91
3			4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	83
4			4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	83
5			Bicyclo[3.2.1]octa-2,6-diene, 2-...	182	C14H14	101166-08-9	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
 Data File : BN005299.D
 Acq On : 26 Apr 2019 02:26
 Operator : JU/SJ
 Sample : K2481-06 10X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHW1

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-ethyl-...	6.70	10.6	ng/ul	1461580	1	7.59	2750040	20.0
Benzene, 1-etheny...	7.26	43.4	ng/ul	5968200	1	7.59	2750040	20.0
Indene	8.12	23.7	ng/ul	3253280	1	7.59	2750040	20.0
Benzene, (2-methy...	8.85	22.8	ng/ul	3138350	1	7.59	2750040	20.0
Benzene, 1,2,4,5-...	9.26	5.2	ng/ul	1632190	2	10.36	6253340	20.0
Benzene, 4-etheny...	9.34	6.6	ng/ul	2053350	2	10.36	6253340	20.0
Benzene, (1-methy...	9.79	27.3	ng/ul	8519420	2	10.36	6253340	20.0
2-Methylindene	9.86	17.0	ng/ul	5310120	2	10.36	6253340	20.0
Benzene, 2-etheny...	11.29	4.8	ng/ul	1491780	2	10.36	6253340	20.0
1H-Indene, 1,3-di...	11.40	10.2	ng/ul	3186890	2	10.36	6253340	20.0
1H-Indene, 2,3-di...	11.45	6.2	ng/ul	1941340	2	10.36	6253340	20.0
1H-Indene, 4,7-di...	11.55	7.1	ng/ul	2211960	2	10.36	6253340	20.0
Benzocycloheptatr...	11.67	5.2	ng/ul	1613610	2	10.36	6253340	20.0
(DEL) Alkane: Str...	11.81	8.6	ng/ul	2679200	2	10.36	6253340	20.0
Bicyclo[4.4.1]und...	11.89	4.1	ng/ul	1287640	2	10.36	6253340	20.0
Naphthalene, 1-me...	12.26	155.1	ng/ul	48485900	2	10.36	6253340	20.0
Naphthalene, 1-et...	13.25	18.4	ng/ul	12394900	3	14.23	13462500	20.0
Naphthalene, 2,6-...	13.39	28.4	ng/ul	19124600	3	14.23	13462500	20.0
1,4-Ethenonaphtha...	13.47	2.4	ng/ul	1630410	3	14.23	13462500	20.0
Naphthalene, 2,3-...	13.56	47.6	ng/ul	32068300	3	14.23	13462500	20.0
Naphthalene, 1,5-...	13.79	20.0	ng/ul	13438400	3	14.23	13462500	20.0
(DEL) Alkane: Str...	14.16	2.1	ng/ul	1450000	3	14.23	13462500	20.0
Naphthalene, 1,4,...	14.53	2.0	ng/ul	1366980	3	14.23	13462500	20.0
Naphthalene, 2,3,...	14.72	8.3	ng/ul	5560200	3	14.23	13462500	20.0
1,1'-Biphenyl, 3-...	14.84	18.6	ng/ul	12520500	3	14.23	13462500	20.0
Naphthalene, 1,4,...	14.91	4.7	ng/ul	3180550	3	14.23	13462500	20.0
1,1'-Biphenyl, 4-...	14.95	2.6	ng/ul	1771940	3	14.23	13462500	20.0
unknown-01	15.00	4.4	ng/ul	2971960	3	14.23	13462500	20.0
3-Trifluoromethyl...	15.11	10.2	ng/ul	6870740	3	14.23	13462500	20.0
3,3'-Dimethylbiph...	15.17	3.3	ng/ul	2212080	3	14.23	13462500	20.0