

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
 Data File : BN005315.D
 Acq On : 26 Apr 2019 11:39
 Operator : JU/SJ
 Sample : K2481-15 10X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHW8

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	7.252	719	725	735	rBV2	1462593	2657647	4.24%	0.354%
2	7.593	776	783	792	rBV	1849046	2933996	4.68%	0.390%
3	8.852	988	997	1006	rVV	821293	1567446	2.50%	0.209%
4	9.769	1140	1153	1162	rBV2	1135410	2373767	3.79%	0.316%
5	9.858	1162	1168	1173	rBV	1989824	3469325	5.54%	0.462%
6	10.352	1244	1252	1258	rVV	3108492	5429599	8.67%	0.722%
7	11.810	1493	1500	1506	rVV	2239226	3547279	5.66%	0.472%
8	11.916	1514	1518	1527	rVV	853459	1555710	2.48%	0.207%
9	12.028	1529	1537	1546	rVB	7571310	12397424	19.79%	1.649%
10	12.269	1563	1578	1585	rBV	30668428	61823350	98.69%	8.224%
11	13.057	1705	1712	1722	rBV2	4290480	8630287	13.78%	1.148%
12	13.251	1739	1745	1748	rBV2	3431107	5875667	9.38%	0.782%
13	13.393	1759	1769	1771	rBV	16429945	27857809	44.47%	3.706%
14	13.557	1787	1797	1802	rVV	19582451	39440637	62.96%	5.247%
15	13.610	1802	1806	1814	rVV	13567006	20349172	32.49%	2.707%
16	13.681	1814	1818	1824	rVV	4249175	6552697	10.46%	0.872%
17	13.793	1831	1837	1841	rVV	10037319	16938440	27.04%	2.253%
18	13.822	1841	1842	1854	rVB	3247224	3040588	4.85%	0.404%
19	13.957	1854	1865	1871	rBV	17343967	27676481	44.18%	3.682%
20	14.157	1894	1899	1902	rVV	1243411	1633162	2.61%	0.217%
21	14.216	1902	1909	1917	rVV3	6440444	14140944	22.57%	1.881%
22	14.293	1917	1922	1925	rVV2	3310410	5490304	8.76%	0.730%
23	14.322	1925	1927	1932	rVV	3053855	3831433	6.12%	0.510%
24	14.445	1942	1948	1957	rVB	3222572	7111983	11.35%	0.946%
25	14.534	1957	1963	1970	rVB3	966013	1690170	2.70%	0.225%
26	14.634	1970	1980	1988	rBV3	5296581	10819828	17.27%	1.439%
27	14.716	1988	1994	1998	rVB	4959042	6876843	10.98%	0.915%
28	14.845	2009	2016	2022	rBV2	4942218	10956556	17.49%	1.457%
29	14.910	2023	2027	2031	rVV	3940359	5482481	8.75%	0.729%
30	15.004	2037	2043	2045	rBV	1850224	2805366	4.48%	0.373%
31	15.028	2045	2047	2050	rVV	1967711	2481171	3.96%	0.330%
32	15.104	2056	2060	2066	rVB	4071419	5945883	9.49%	0.791%
33	15.175	2066	2072	2075	rBV	1604571	2689741	4.29%	0.358%
34	15.228	2075	2081	2085	rVB2	4208460	7340406	11.72%	0.976%

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35	15.293	2085	2092	2103	rBV	12458567	22898239	36.55%	3.046%
36	15.410	2109	2112	2116	rVV2	2436298	3491525	5.57%	0.464%
37	15.504	2123	2128	2136	rVB6	1134365	2296711	3.67%	0.306%
38	15.581	2136	2141	2148	rBV2	2491776	4098241	6.54%	0.545%
39	15.728	2158	2166	2175	rVB4	1610962	4076274	6.51%	0.542%
40	15.969	2201	2207	2212	rVV2	1425822	2712726	4.33%	0.361%
41	16.292	2254	2262	2266	rVV	4200549	10864828	17.34%	1.445%
42	16.340	2266	2270	2276	rVV	4538856	7097629	11.33%	0.944%
43	16.440	2282	2287	2293	rVV3	2210595	3893455	6.22%	0.518%
44	16.522	2293	2301	2304	rVV4	853690	2173167	3.47%	0.289%
45	16.563	2304	2308	2311	rVV4	1217769	2110598	3.37%	0.281%
46	16.640	2317	2321	2328	rVV2	1608171	2657132	4.24%	0.353%
47	16.716	2328	2334	2340	rVV3	643857	1440773	2.30%	0.192%
48	16.798	2340	2348	2359	rVB	2997248	5342873	8.53%	0.711%
49	16.987	2374	2380	2383	rBV	4401783	7261288	11.59%	0.966%
50	17.045	2383	2390	2394	rVV2	34959028	62640969	100.00%	8.333%
51	17.122	2398	2403	2407	rVV	5233277	7259198	11.59%	0.966%
52	17.181	2407	2413	2418	rVV3	1306641	2521142	4.02%	0.335%
53	17.510	2465	2469	2473	rVV	1687913	2296117	3.67%	0.305%
54	17.563	2473	2478	2484	rVV3	2122484	3732096	5.96%	0.496%
55	17.675	2491	2497	2499	rVV3	725951	1381369	2.21%	0.184%
56	17.704	2499	2502	2511	rVB	1137952	2185304	3.49%	0.291%
57	17.869	2523	2530	2534	rVV	12975180	19302420	30.81%	2.568%
58	17.916	2534	2538	2543	rVV	14369689	19503168	31.13%	2.594%
59	17.992	2546	2551	2556	rBV	1716405	2321583	3.71%	0.309%
60	18.057	2556	2562	2566	rVV2	9744874	17612173	28.12%	2.343%
61	18.098	2566	2569	2574	rVB	7134101	9080641	14.50%	1.208%
62	18.375	2611	2616	2619	rVV	5569691	8085876	12.91%	1.076%
63	18.410	2619	2622	2628	rVB	4425798	6241759	9.96%	0.830%
64	18.498	2633	2637	2648	rVB3	605920	1463256	2.34%	0.195%
65	18.622	2654	2658	2662	rBV3	1610537	2266747	3.62%	0.302%
66	18.669	2662	2666	2670	rVB	1771175	2235314	3.57%	0.297%
67	18.798	2682	2688	2693	rBV3	5411778	9035158	14.42%	1.202%
68	18.857	2693	2698	2701	rBV3	1946153	3512179	5.61%	0.467%
69	18.886	2701	2703	2707	rVB	2286820	2446288	3.91%	0.325%
70	18.933	2707	2711	2714	rBV	1523609	2436060	3.89%	0.324%
71	19.063	2724	2733	2738	rVB2	11225686	16323760	26.06%	2.171%

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72	19.134	2740	2745	2748	rBV	1427639	2091053	3.34%	0.278%
73	19.163	2748	2750	2754	rVV3	989233	1489271	2.38%	0.198%
74	19.210	2754	2758	2762	rVV	4700794	6157556	9.83%	0.819%
75	19.263	2762	2767	2771	rVB	2320542	3076527	4.91%	0.409%
76	19.328	2771	2778	2785	rVB3	669881	1456039	2.32%	0.194%
77	19.428	2785	2795	2803	rBV	15074792	23451034	37.44%	3.120%
78	19.498	2803	2807	2814	rVB4	1019188	1925875	3.07%	0.256%
79	19.757	2846	2851	2861	rBV3	2159349	4346280	6.94%	0.578%
80	19.892	2869	2874	2877	rVV4	1937842	3912596	6.25%	0.520%
81	19.928	2877	2880	2885	rVB	3779509	5178608	8.27%	0.689%
82	20.033	2893	2898	2903	rVV	2746289	4062654	6.49%	0.540%
83	20.092	2903	2908	2911	rVV	2677521	3778523	6.03%	0.503%
84	20.228	2927	2931	2935	rVV	1964709	2743491	4.38%	0.365%
85	20.275	2935	2939	2945	rVB2	2462824	3208923	5.12%	0.427%
86	20.680	3005	3008	3016	rVB	1082960	2028585	3.24%	0.270%
87	20.839	3028	3035	3040	rVV5	673885	1918404	3.06%	0.255%
88	20.892	3040	3044	3047	rVV	1697971	2044629	3.26%	0.272%
89	20.986	3056	3060	3067	rVB	1283455	1914598	3.06%	0.255%
90	21.204	3091	3097	3102	rBV2	8256301	16709922	26.68%	2.223%
91	21.251	3102	3105	3111	rVB	5077686	6866716	10.96%	0.913%
92	21.416	3129	3133	3139	rVB	1726801	2219785	3.54%	0.295%
93	21.763	3186	3192	3197	rBV	1999762	2861783	4.57%	0.381%
94	21.816	3197	3201	3206	rVB	1205322	1747488	2.79%	0.232%
95	21.986	3227	3230	3234	rVB2	1087420	1398449	2.23%	0.186%
96	22.757	3356	3361	3367	rBV3	1470557	3887661	6.21%	0.517%
97	23.222	3435	3440	3445	rBV	942818	1656377	2.64%	0.220%
98	23.310	3451	3455	3465	rVB	1355358	2547195	4.07%	0.339%
99	23.410	3465	3472	3478	rBV	3123263	5771685	9.21%	0.768%
100	25.586	3836	3842	3851	rVB2	555395	1578854	2.52%	0.210%

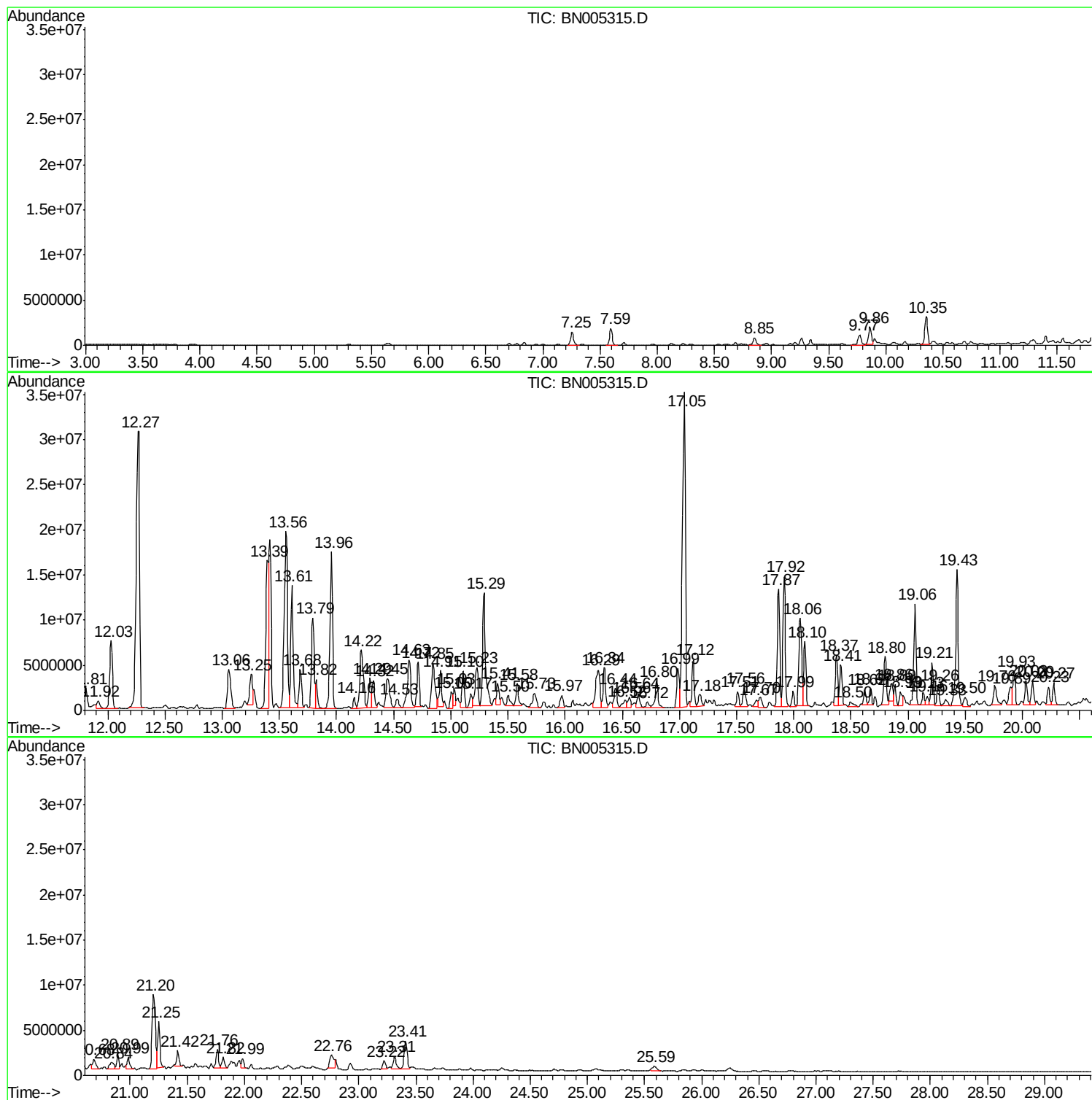
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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



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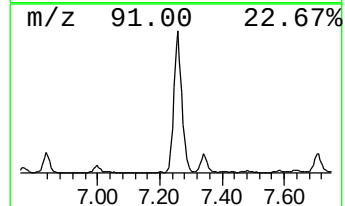
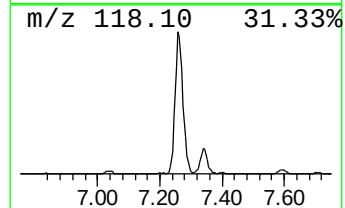
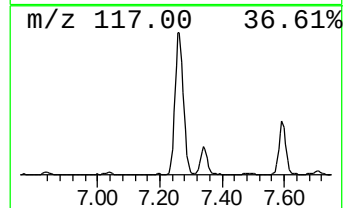
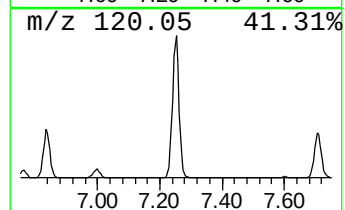
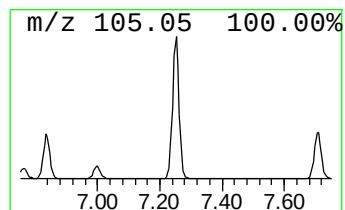
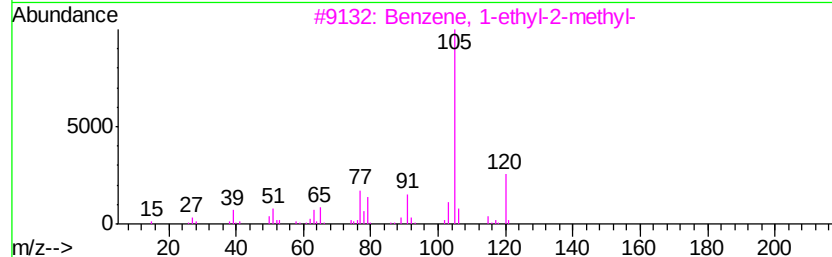
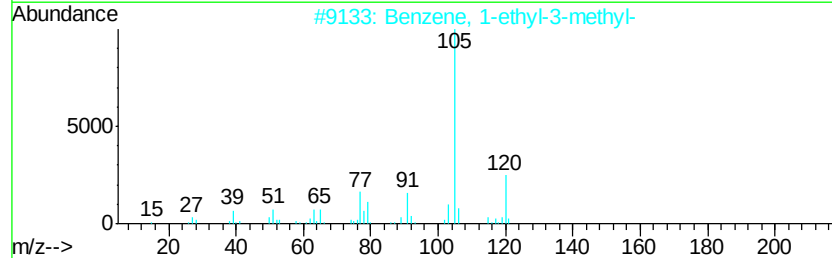
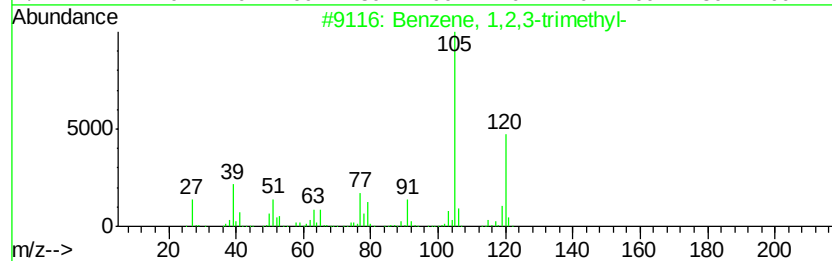
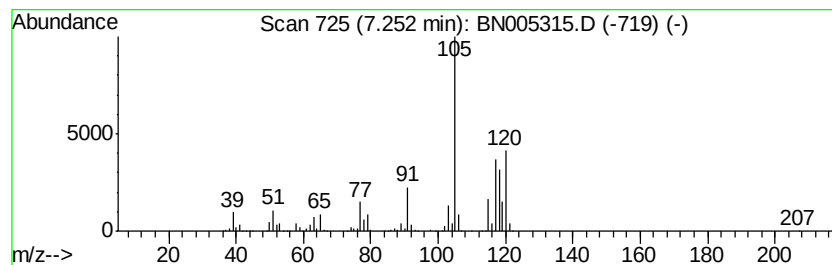
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Benzene, 1,2,3-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	18.12 ng/ul	2657650	1,4-Dichlorobenzene-d4	7.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	60
2		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	60
3		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	55
4		2,4-Nonadiyne	120	C9H12	063621-15-8	55
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	53



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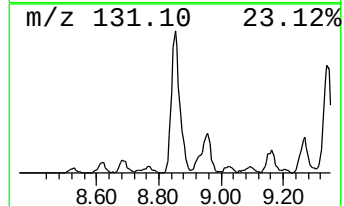
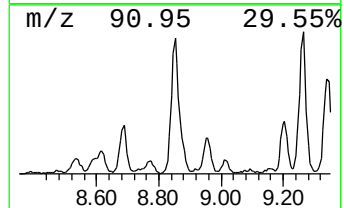
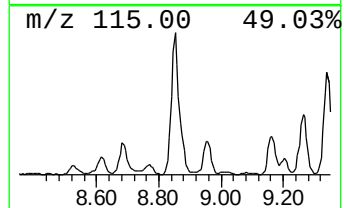
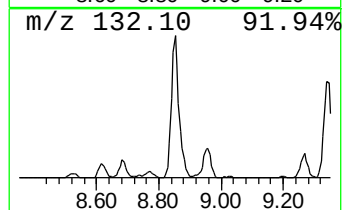
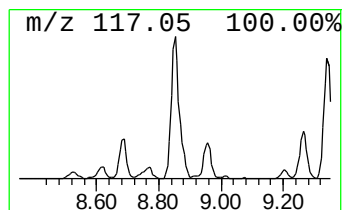
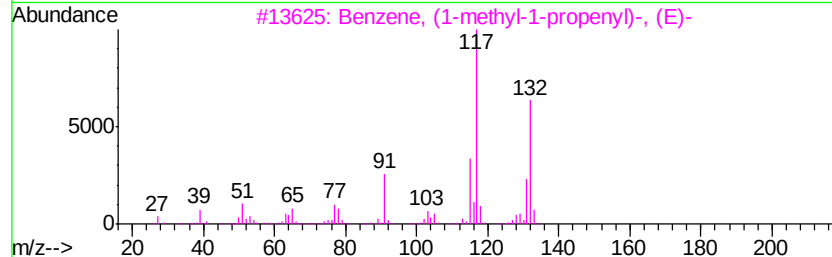
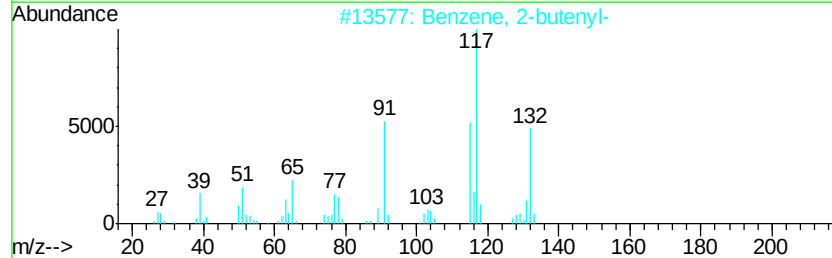
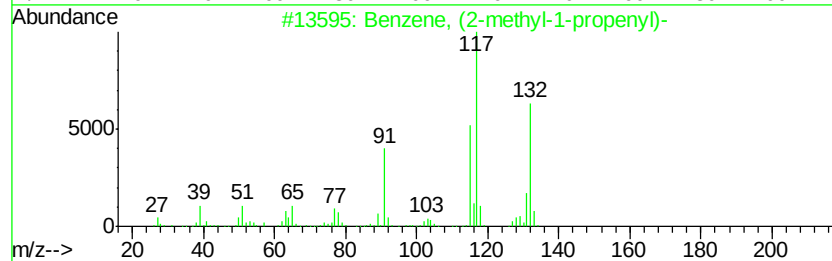
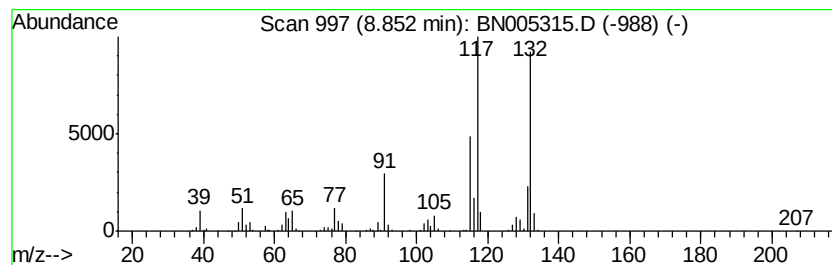
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, (2-methyl-1-propen... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.85	10.68 ng/ul	1567450	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, 2-butenyl-	132	C10H12	001560-06-1	94
3		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	94
4		Benzene, 1-methyl-4-(1-methyleth...	132	C10H12	001195-32-0	94
5		Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	94



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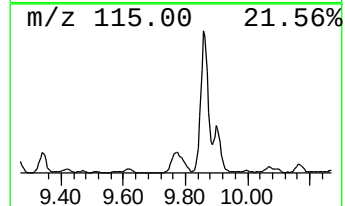
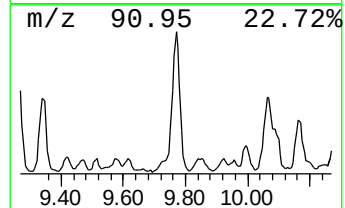
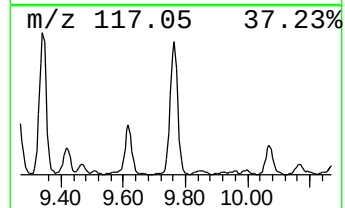
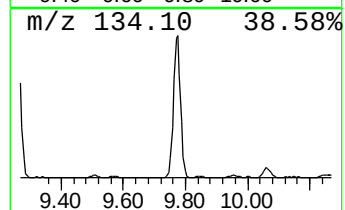
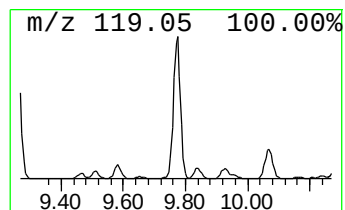
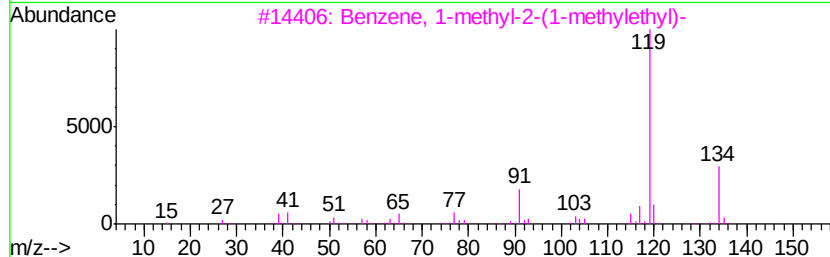
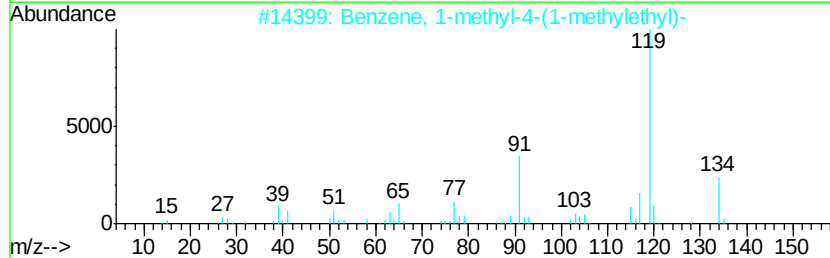
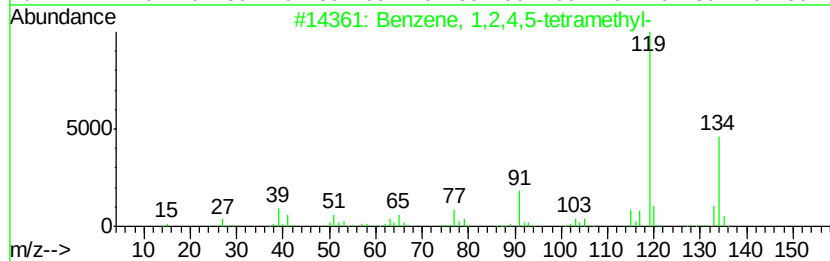
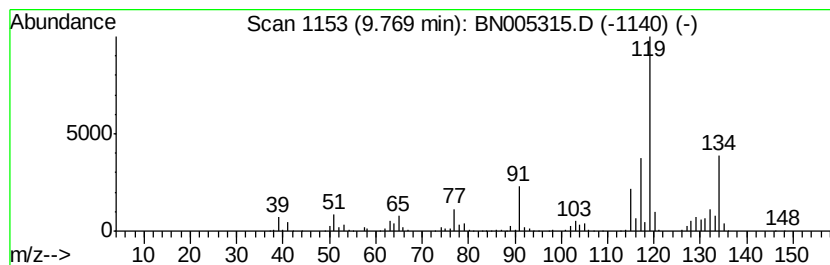
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	8.74 ng/ul	2373770	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	76
2		Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	76
3		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	76
4		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	76
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005315.D
Acq On : 26 Apr 2019 11:39
Operator : JU/SJ
Sample : K2481-15 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
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ClientSampled :
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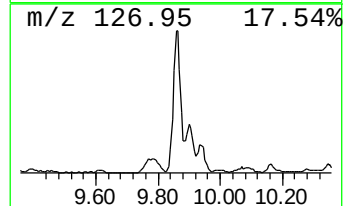
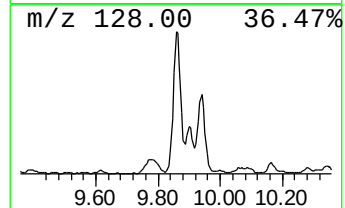
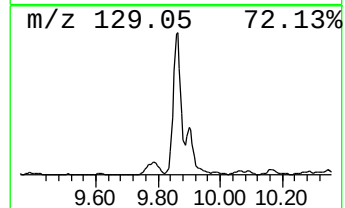
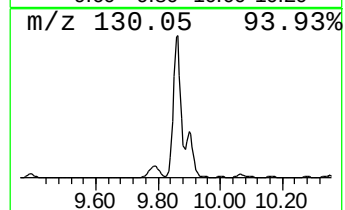
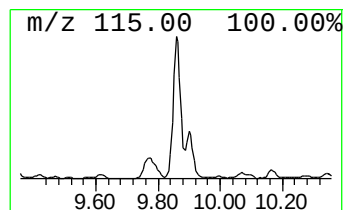
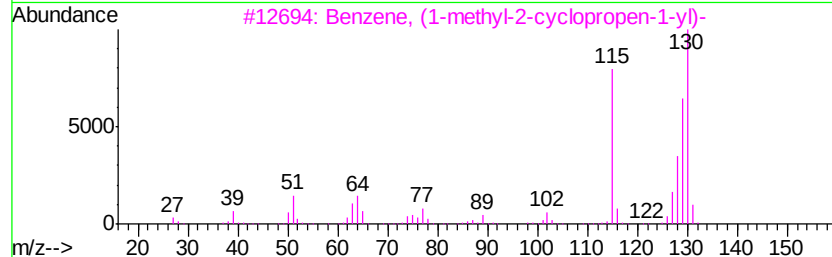
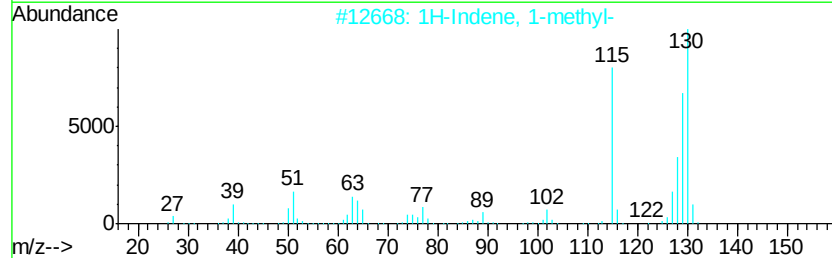
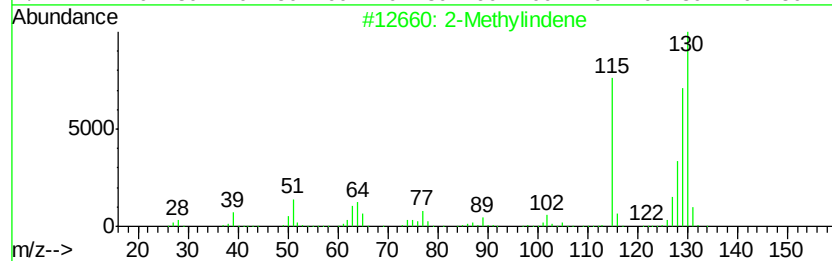
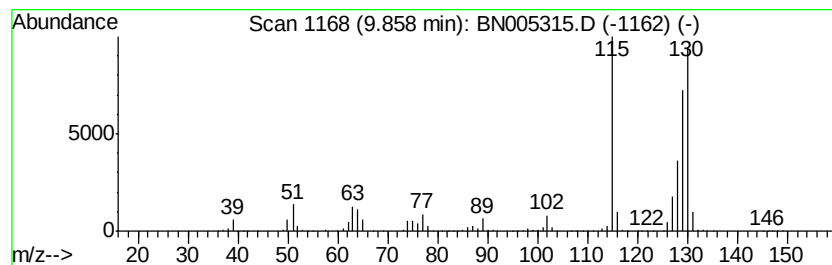
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 2-Methylindene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.86	12.78 ng/ul	3469330	Napthalene-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	95
3		Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	95
4		1H-Indene, 3-methyl-	130	C10H10	000767-60-2	95
5		Benzene, 1-butynyl-	130	C10H10	000622-76-4	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
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Sample : K2481-15 10X
Misc :
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Instrument :
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ClientSampleId :
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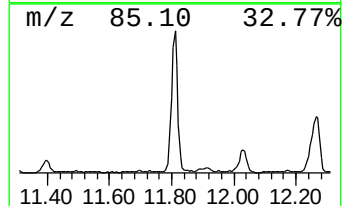
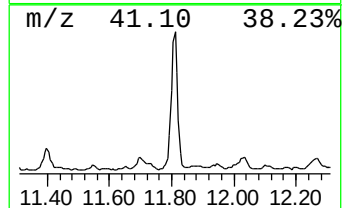
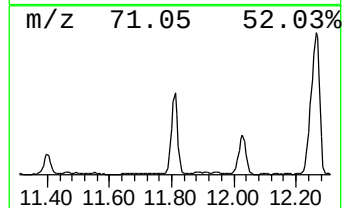
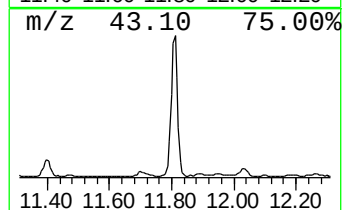
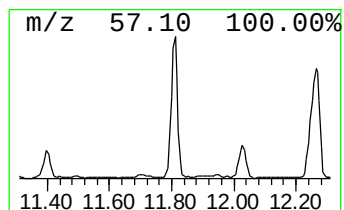
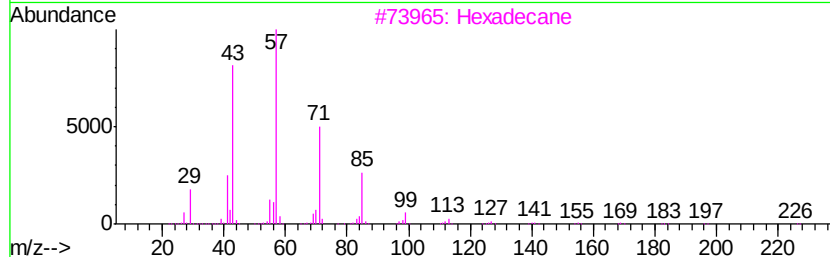
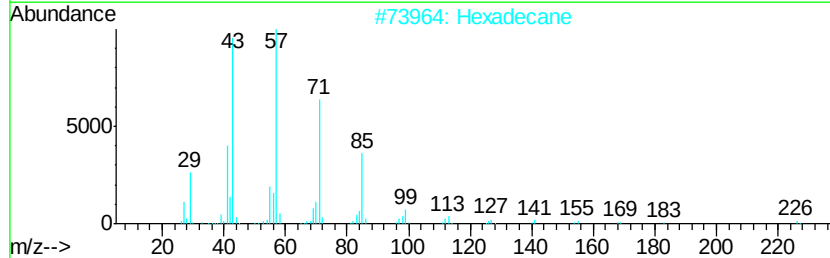
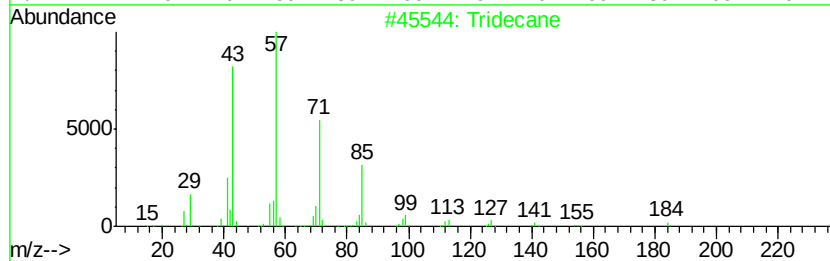
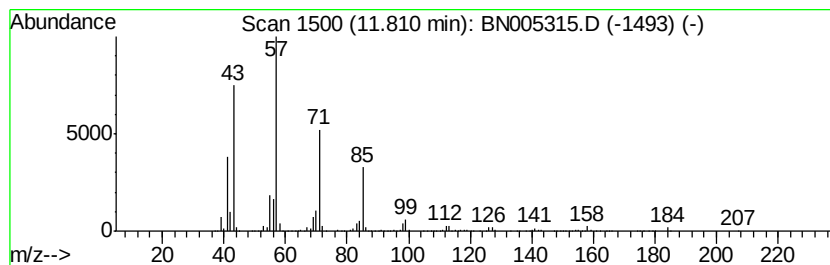
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	13.07 ng/ul	3547280	Naphthalene-d8	10.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	94
2		Hexadecane	226	C16H34	000544-76-3	91
3		Hexadecane	226	C16H34	000544-76-3	90
4		Tetradecane	198	C14H30	000629-59-4	90
5		Tetradecane	198	C14H30	000629-59-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005315.D
Acq On : 26 Apr 2019 11:39
Operator : JU/SJ
Sample : K2481-15 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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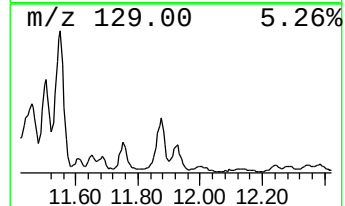
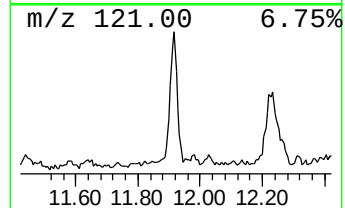
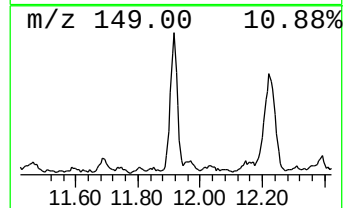
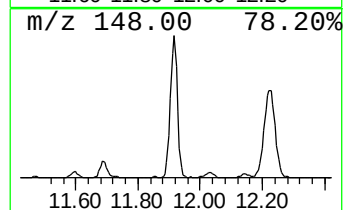
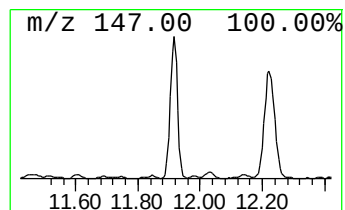
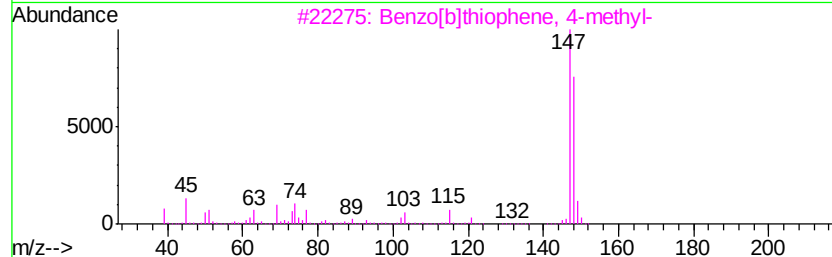
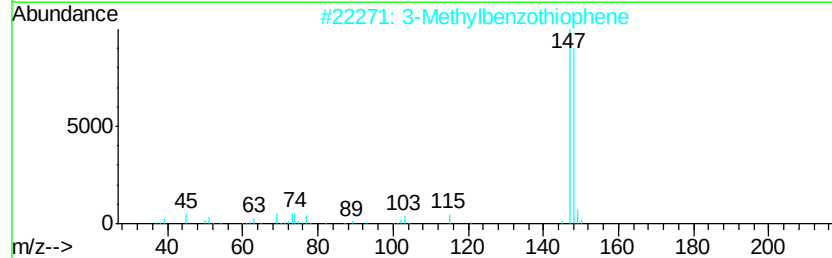
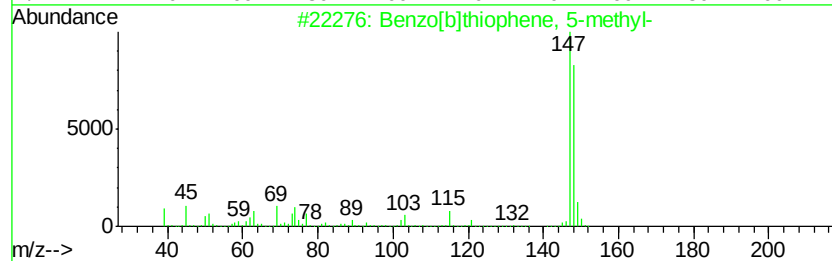
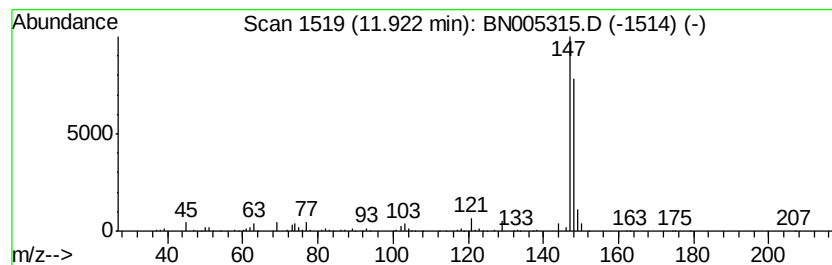
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Benzo[b]thiophene, 5-methyl- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	5.73 ng/ul	1555710	Napthalene-d8	10.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	91
2		3-Methylbenzothiophene	148	C9H8S	001455-18-1	90
3		Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	90
4		Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	86
5		Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005315.D
Acq On : 26 Apr 2019 11:39
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ClientSampleId :
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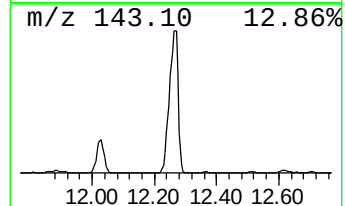
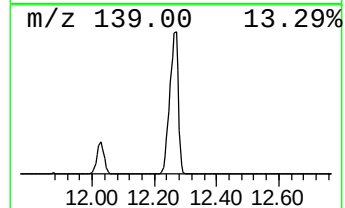
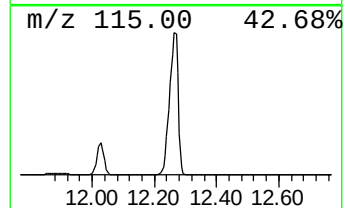
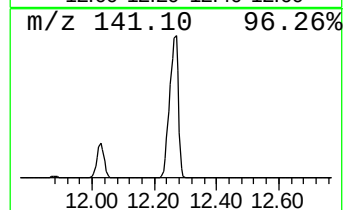
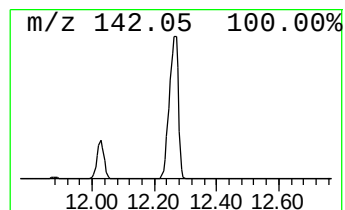
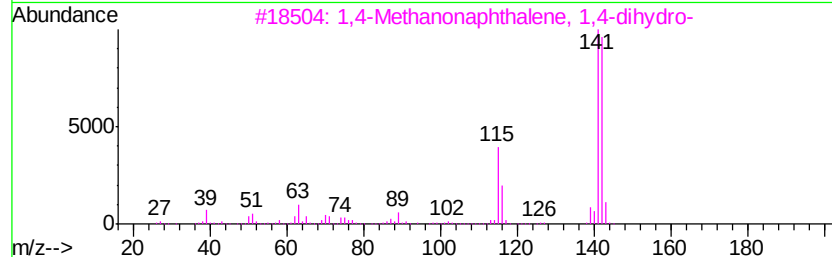
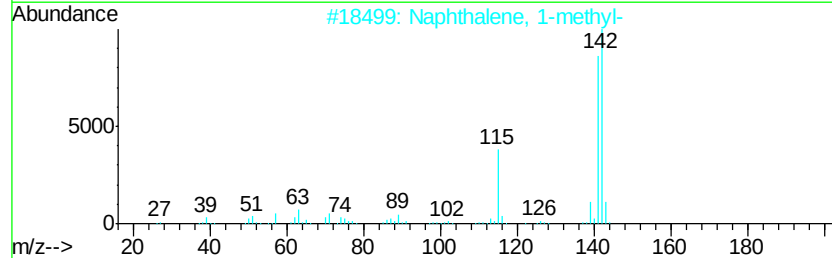
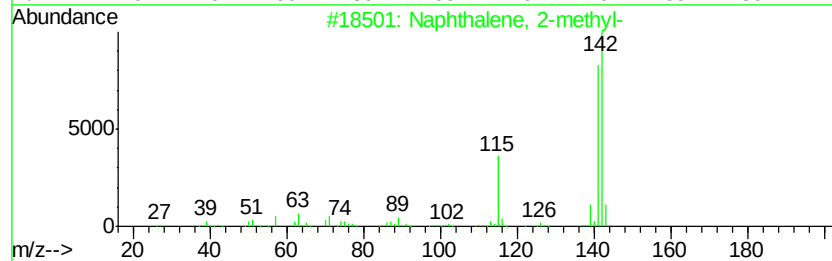
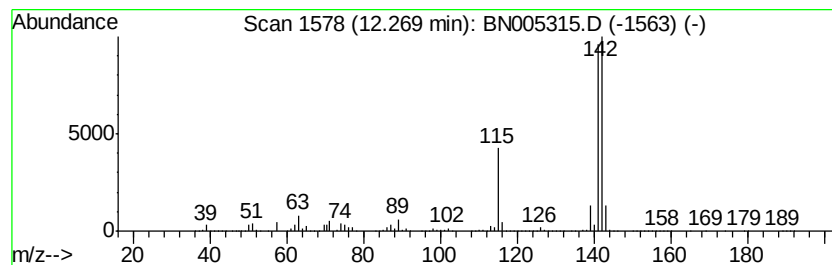
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.27	227.73 ng/ul	61823400	Naphthalene-d8	10.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	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		Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91



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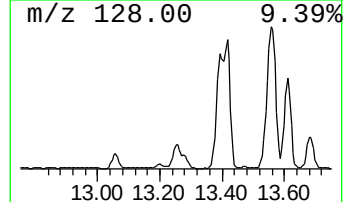
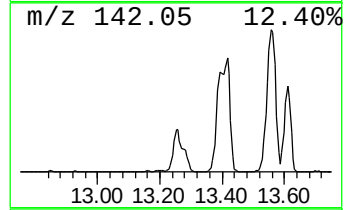
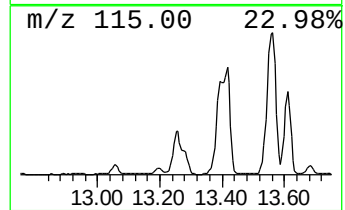
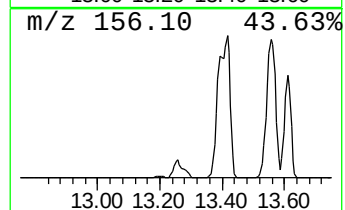
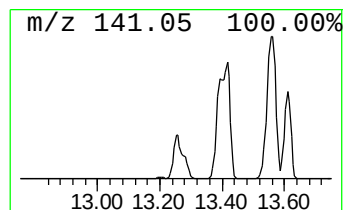
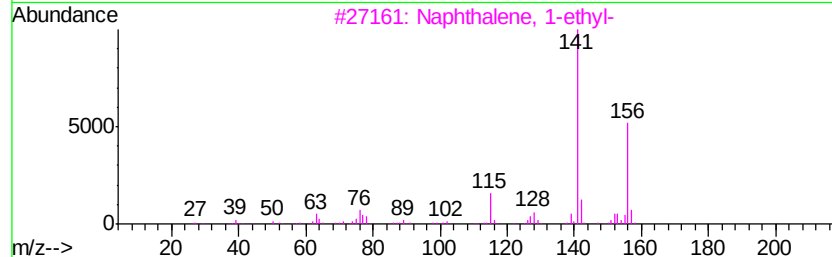
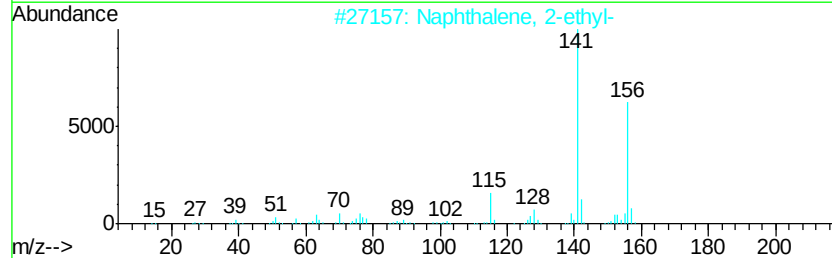
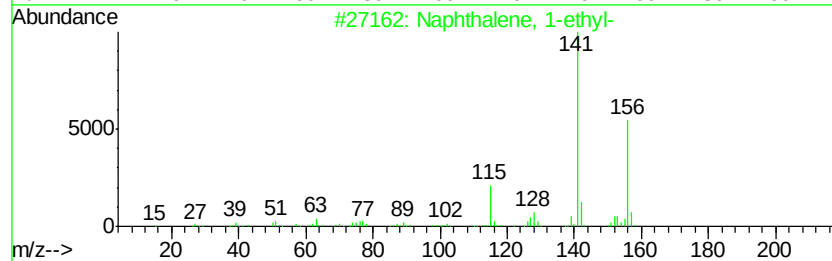
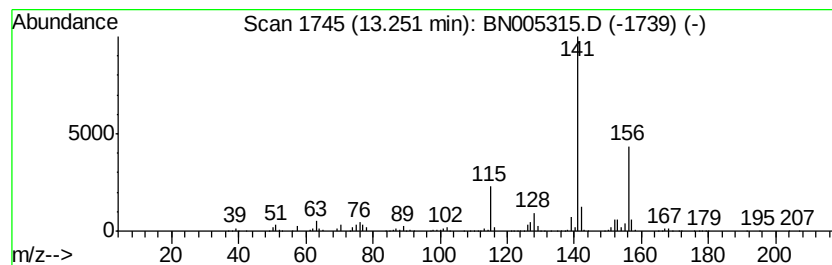
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Naphthalene, 1-ethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	8.31 ng/ul	5875670	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, 2-ethyl-	156 C12H12	000939-27-5 95
3		Naphthalene, 1-ethyl-	156 C12H12	001127-76-0 95
4		Naphthalene, 2-ethyl-	156 C12H12	000939-27-5 94
5		Naphthalene, 2-ethyl-	156 C12H12	000939-27-5 94



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
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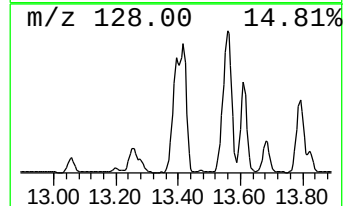
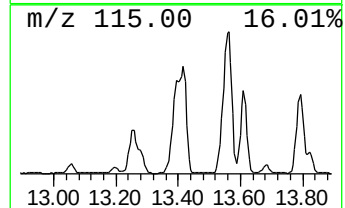
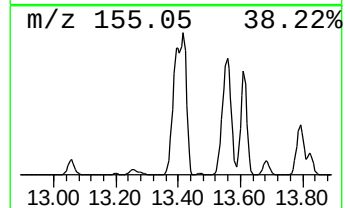
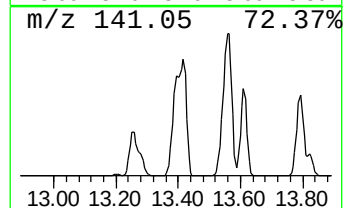
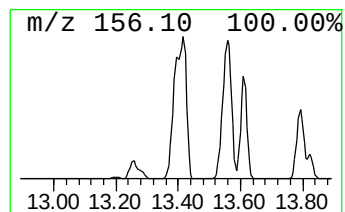
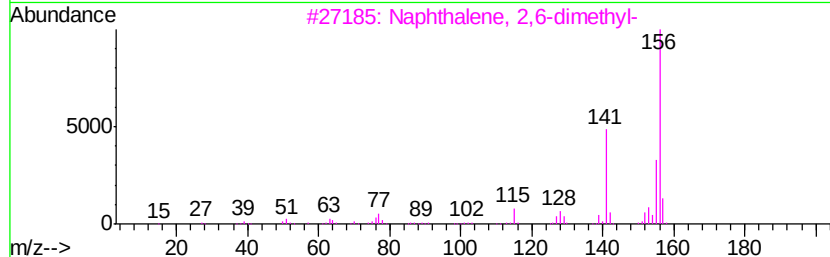
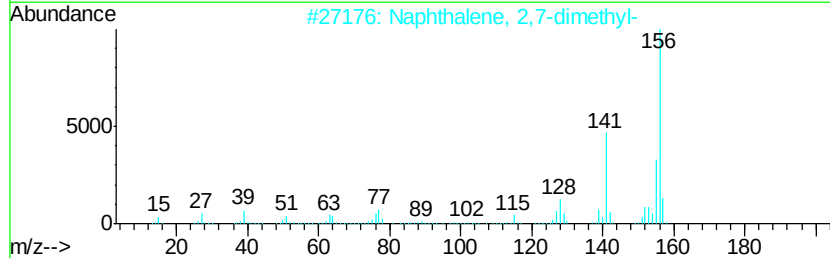
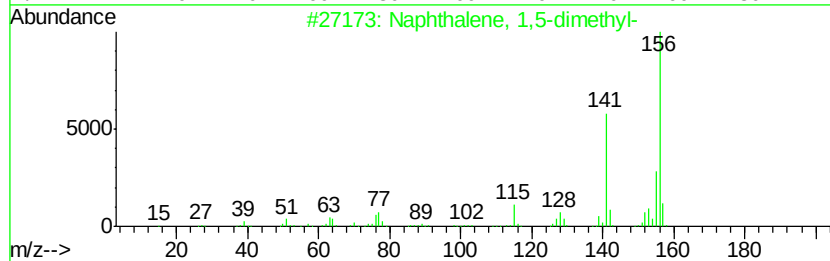
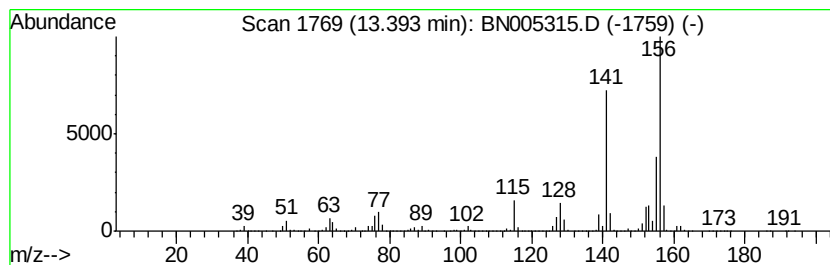
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Naphthalene, 1,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	39.40 ng/ul	27857800	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, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
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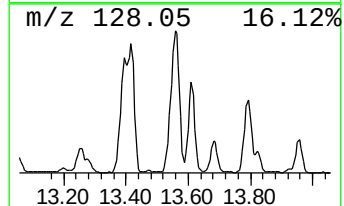
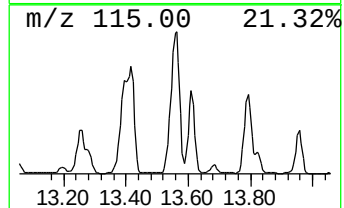
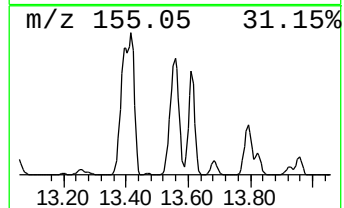
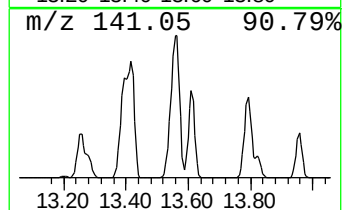
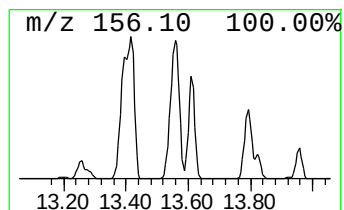
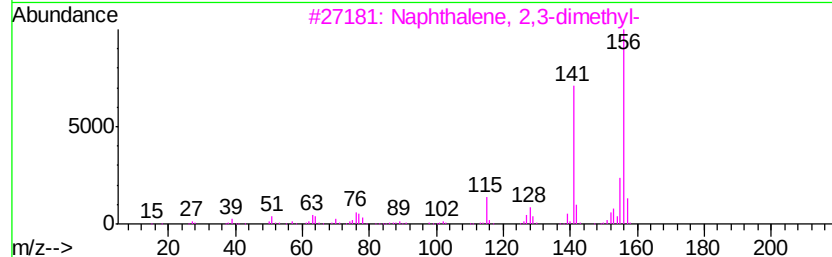
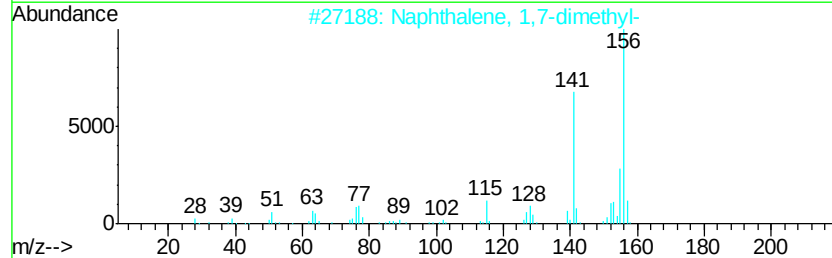
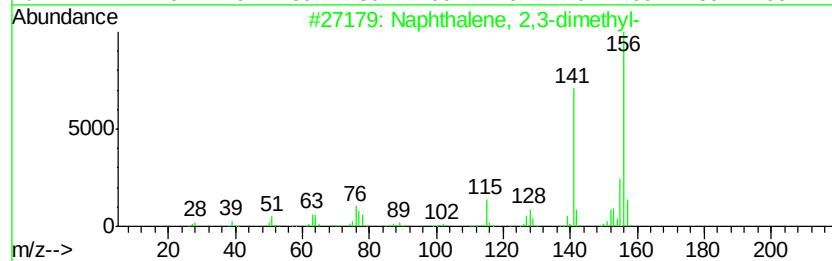
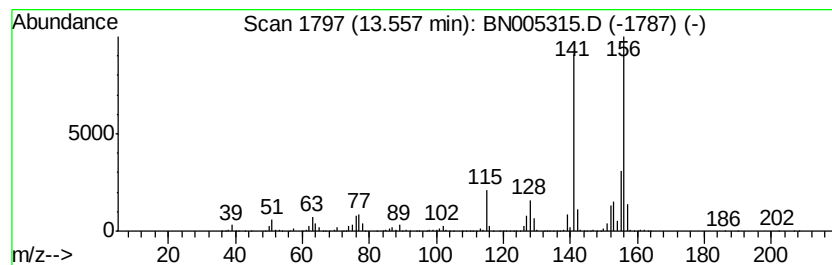
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Naphthalene, 2,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.56	55.78 ng/ul	39440600	Acenaphthene-d10	14.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97
2		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 97
3		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 96
4		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 96
5		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 96



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005315.D
Acq On : 26 Apr 2019 11:39
Operator : JU/SJ
Sample : K2481-15 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHW8

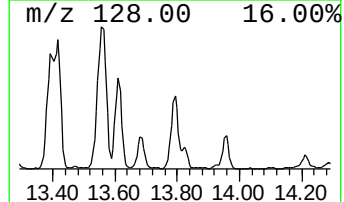
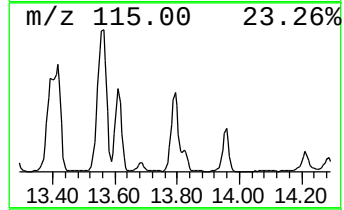
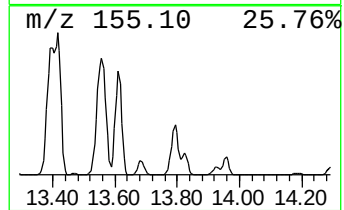
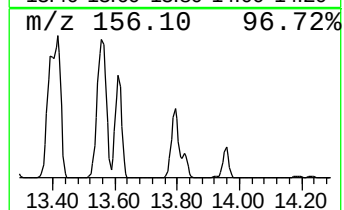
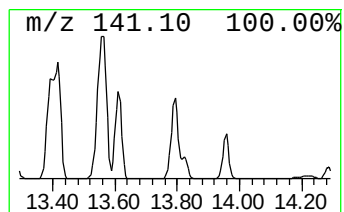
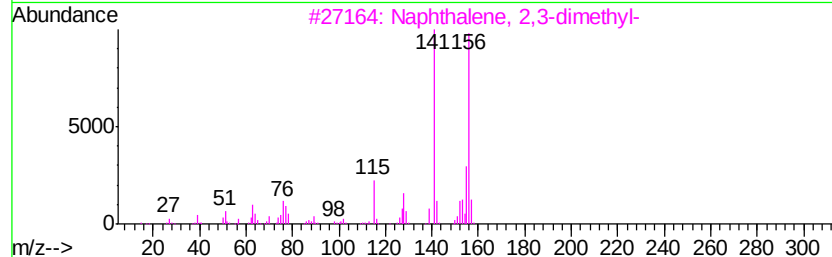
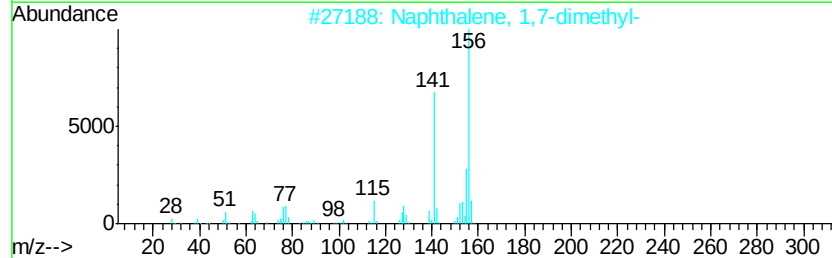
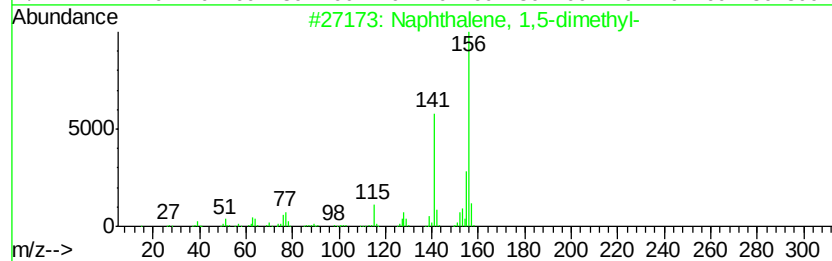
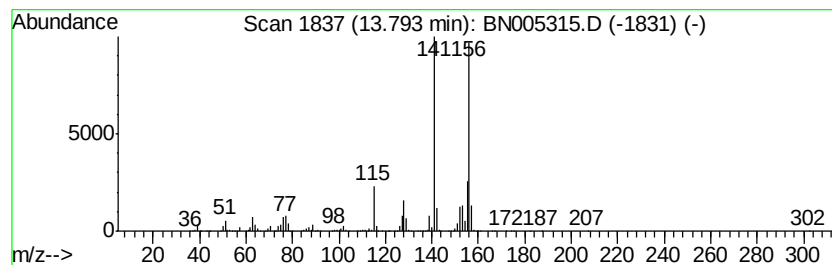
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 Naphthalene, 1,7-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	23.96 ng/ul	16938400	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, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005315.D
Acq On : 26 Apr 2019 11:39
Operator : JU/SJ
Sample : K2481-15 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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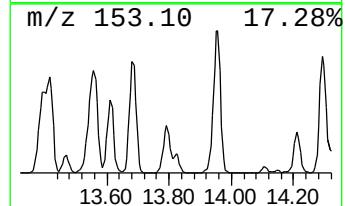
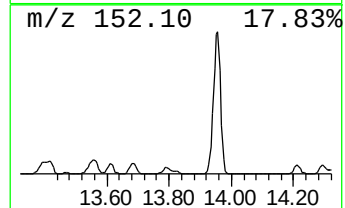
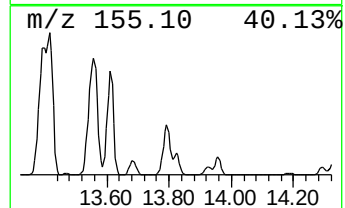
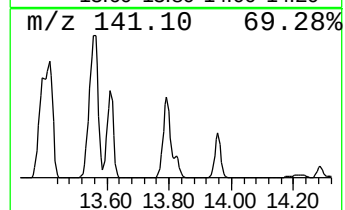
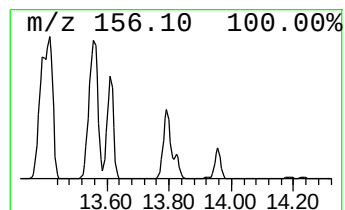
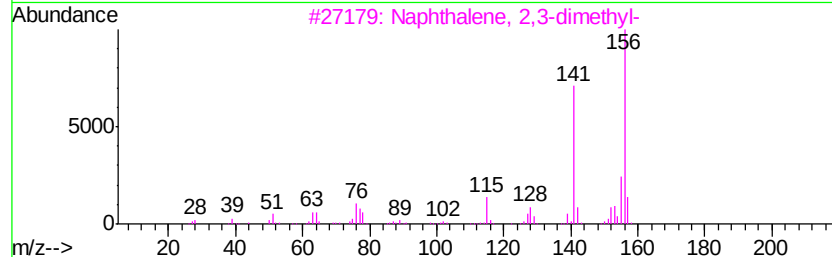
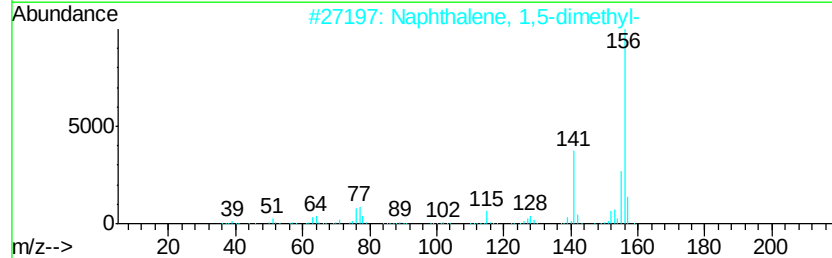
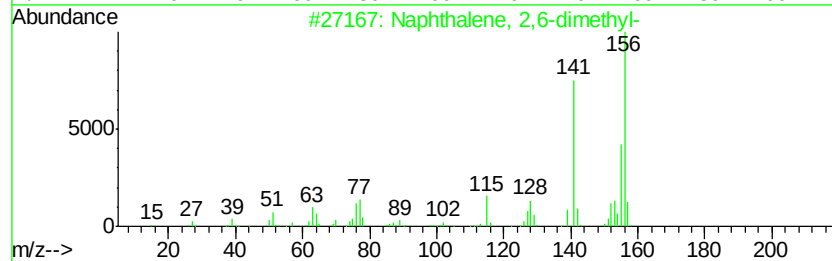
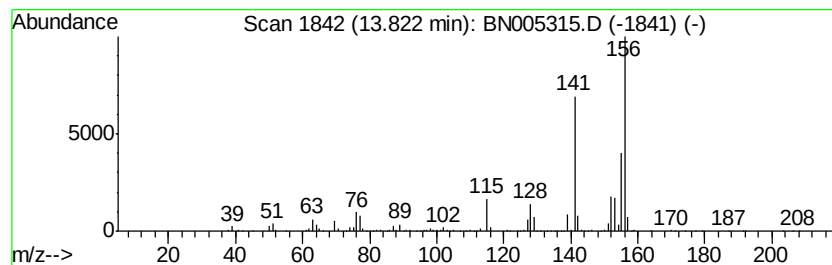
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 Naphthalene, 2,6-dimethyl- Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	4.30 ng/ul	3040590	Acenaphthene-d10	14.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93
2			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	90
3			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	90
4			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	90
5			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005315.D
Acq On : 26 Apr 2019 11:39
Operator : JU/SJ
Sample : K2481-15 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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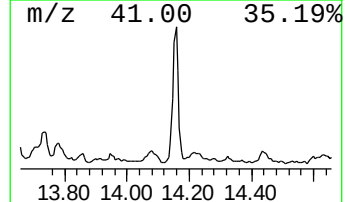
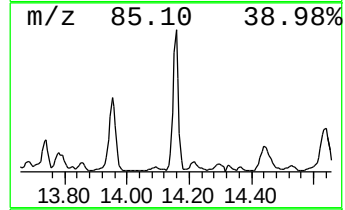
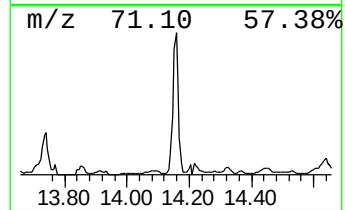
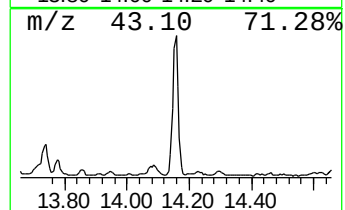
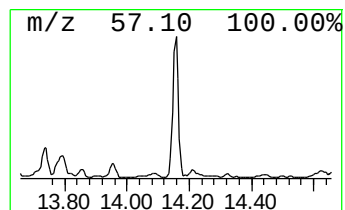
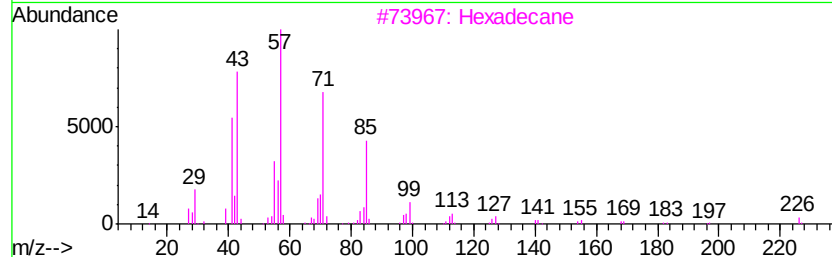
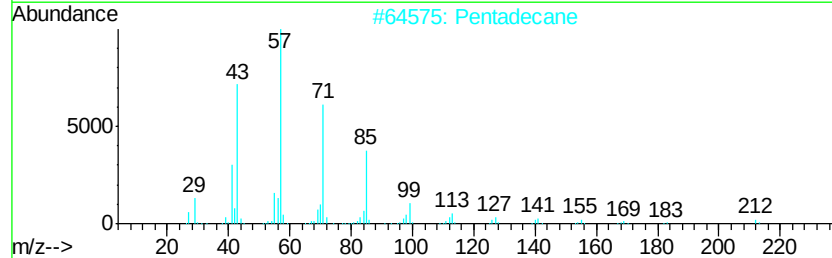
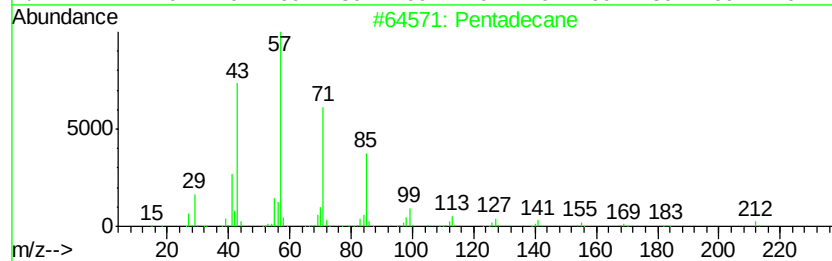
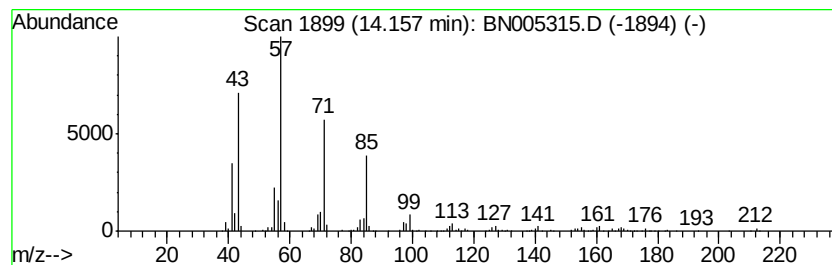
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.16	2.31 ng/ul	1633160	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	96
2		Pentadecane	212	C15H32	000629-62-9	96
3		Hexadecane	226	C16H34	000544-76-3	90
4		Tridecane	184	C13H28	000629-50-5	90
5		Tridecane	184	C13H28	000629-50-5	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005315.D
Acq On : 26 Apr 2019 11:39
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Sample : K2481-15 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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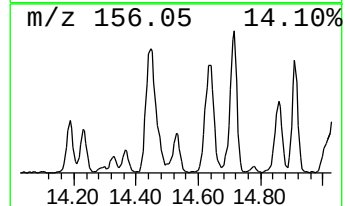
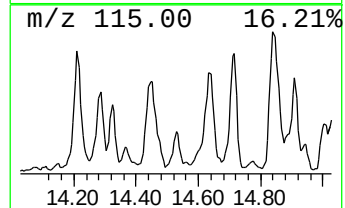
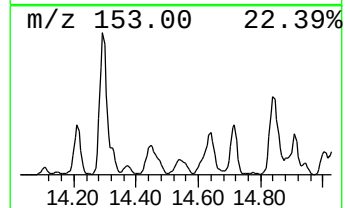
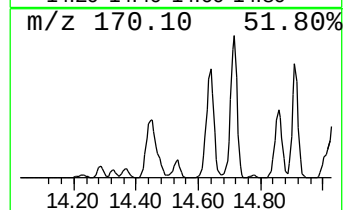
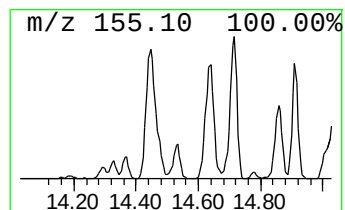
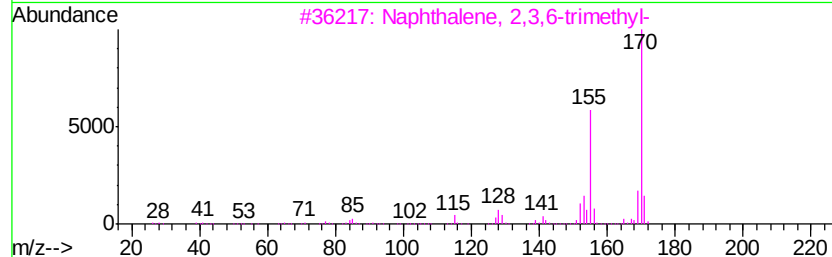
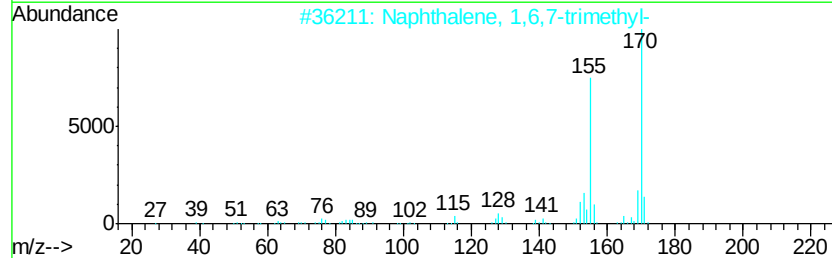
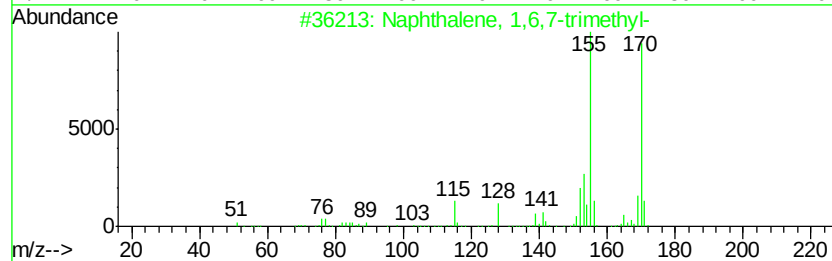
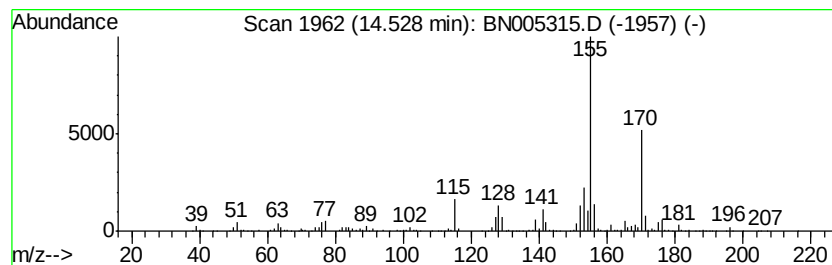
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 Naphthalene, 1,6,7-trimethyl- Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.53	2.39 ng/ul	1690170	Acenaphthene-d10	14.23

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005315.D
Acq On : 26 Apr 2019 11:39
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Sample : K2481-15 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

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ClientSampleId :
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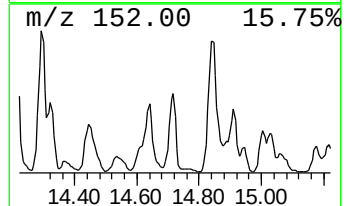
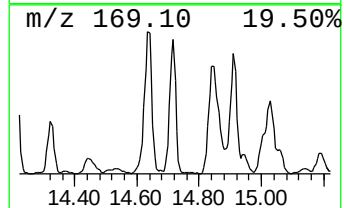
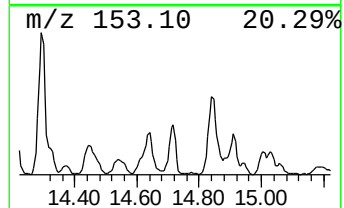
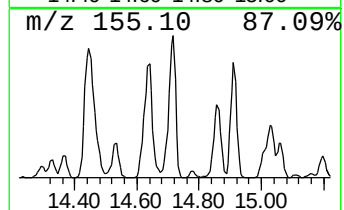
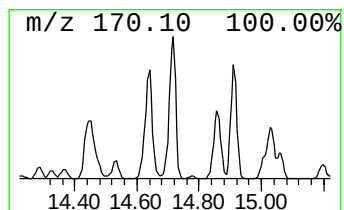
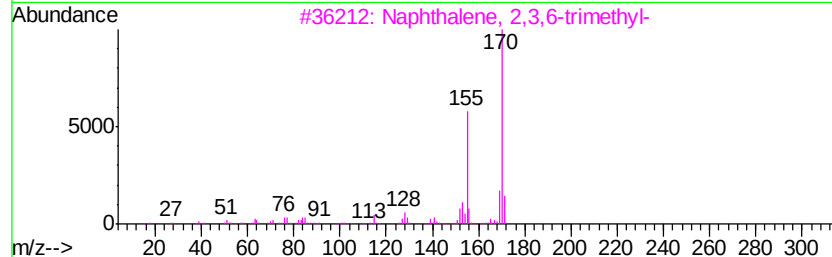
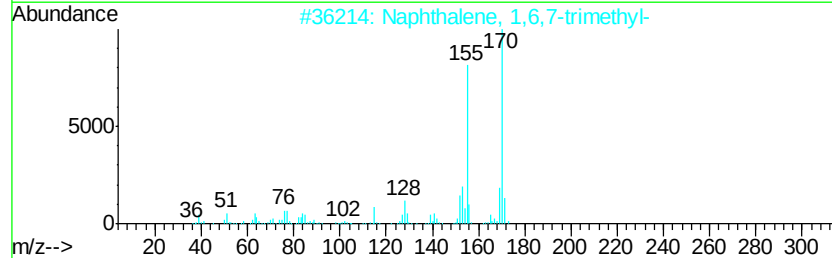
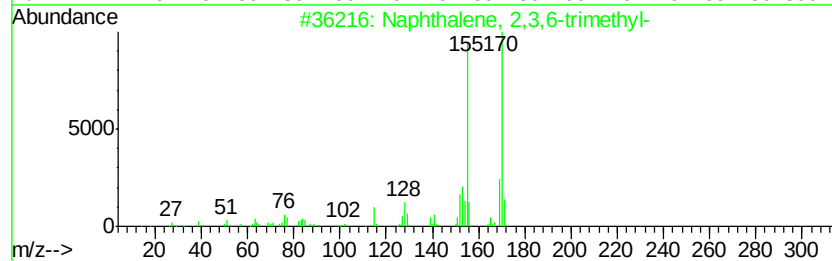
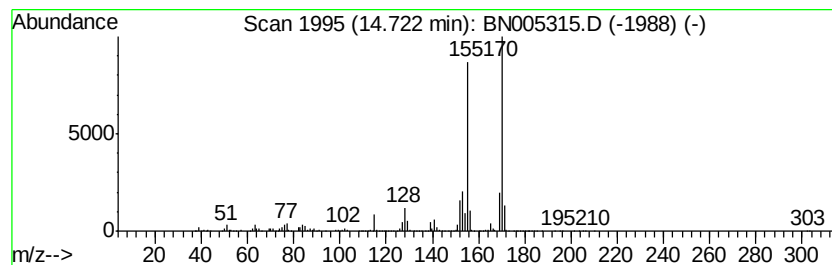
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 Naphthalene, 2,3,6-trimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	9.73 ng/ul	6876840	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, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
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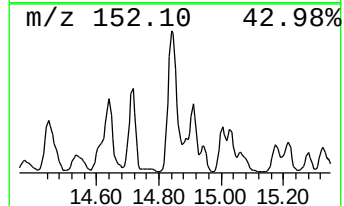
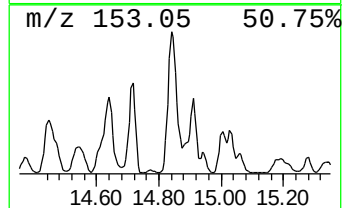
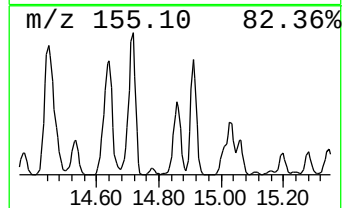
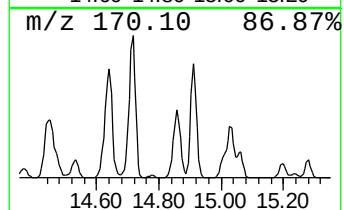
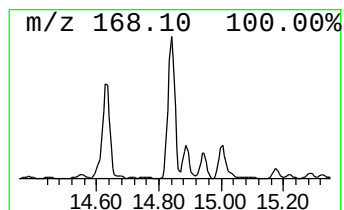
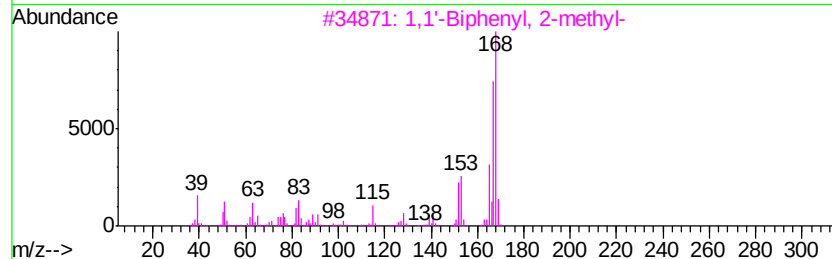
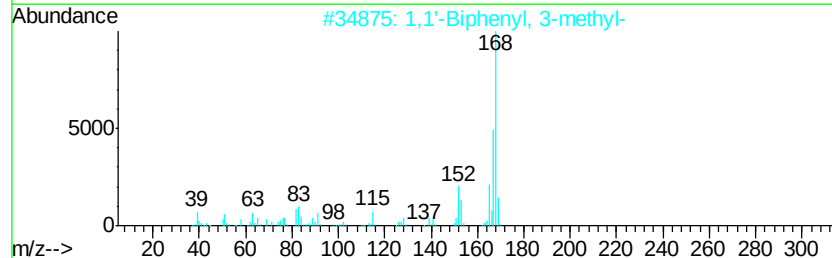
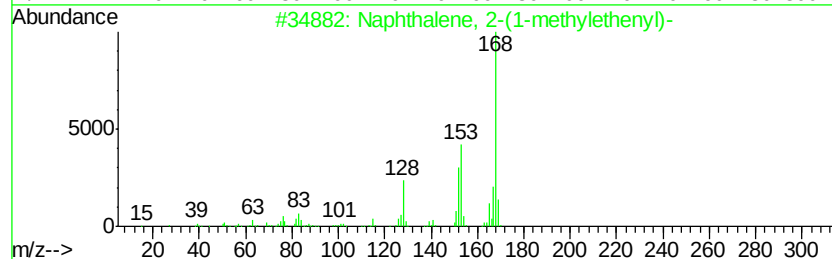
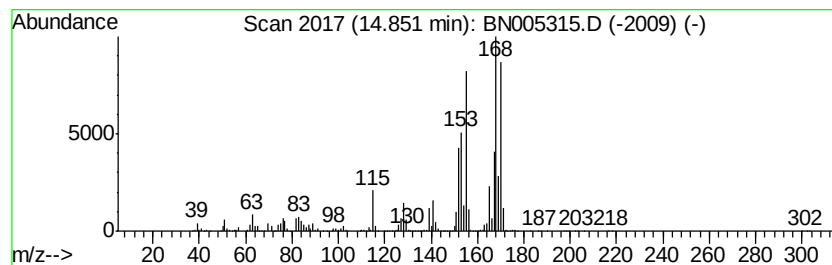
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 Naphthalene, 2-(1-methyleth... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.85	15.50 ng/ul	10956600	Acenaphthene-d10	14.23		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	62
2		1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	55
3		1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	43
4		1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	43
5		Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005315.D
Acq On : 26 Apr 2019 11:39
Operator : JU/SJ
Sample : K2481-15 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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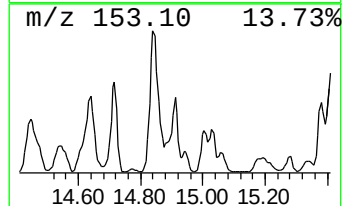
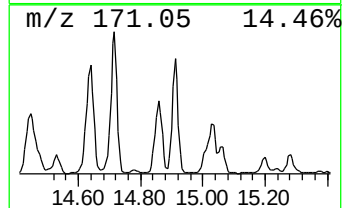
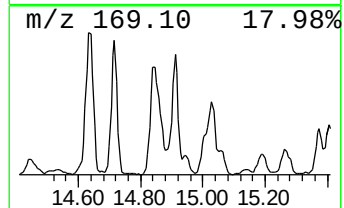
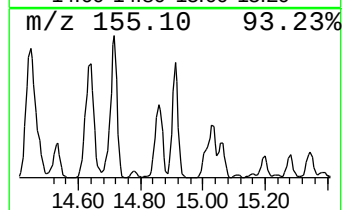
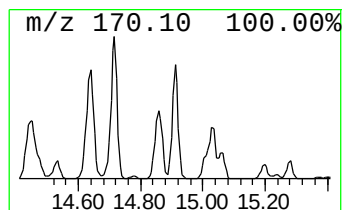
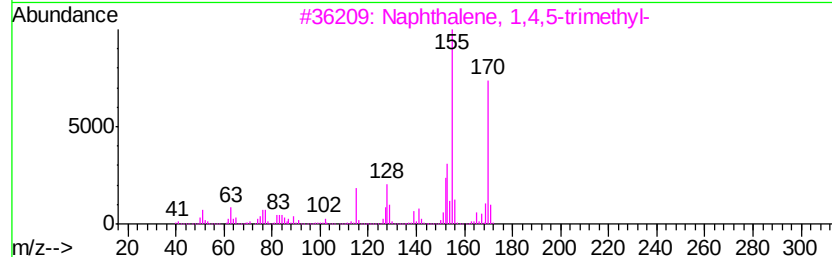
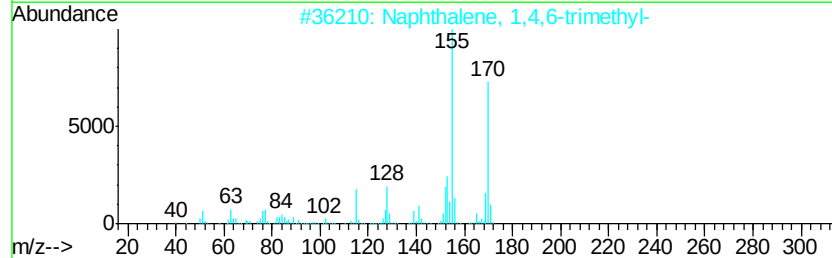
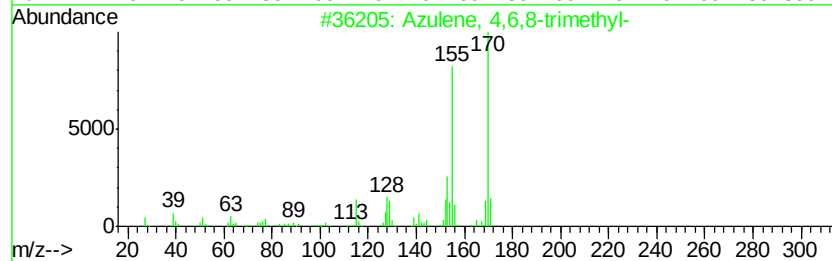
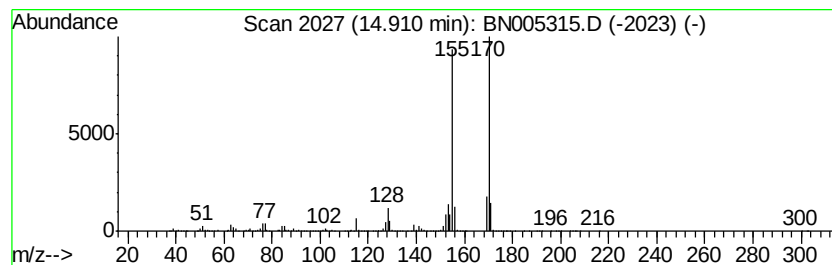
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 Azulene, 4,6,8-trimethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.91	7.75 ng/ul	5482480	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	90
2		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	86
3		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	86
4		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	86
5		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005315.D
Acq On : 26 Apr 2019 11:39
Operator : JU/SJ
Sample : K2481-15 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHW8

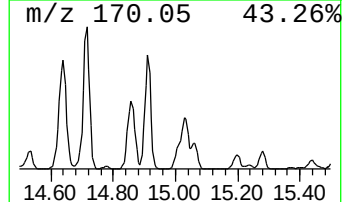
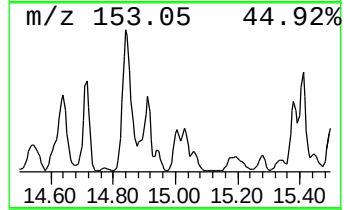
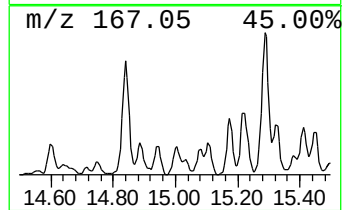
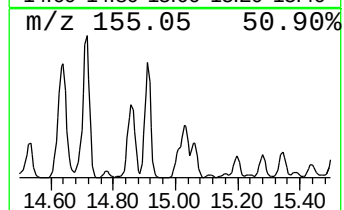
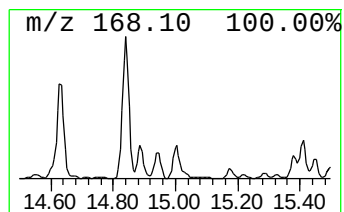
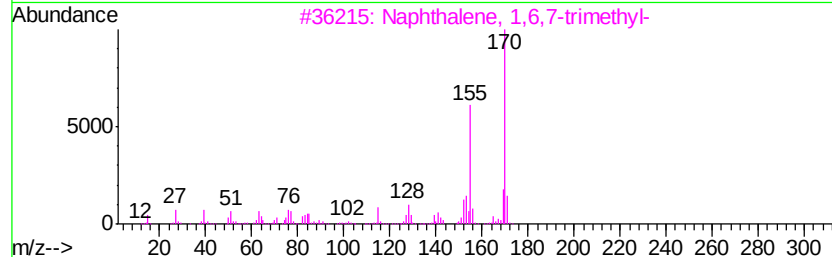
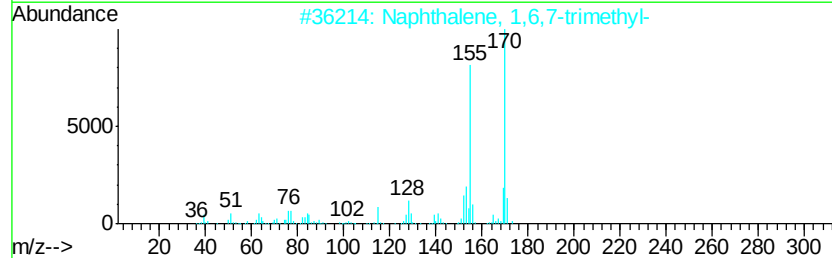
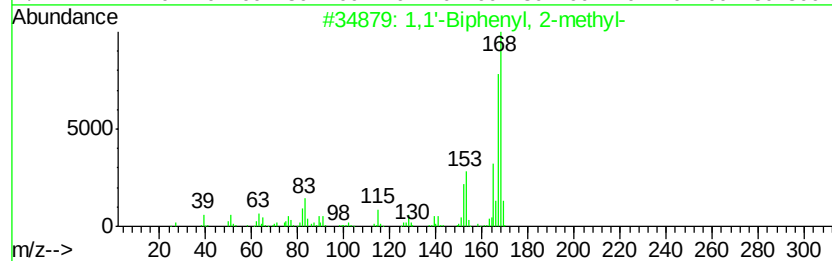
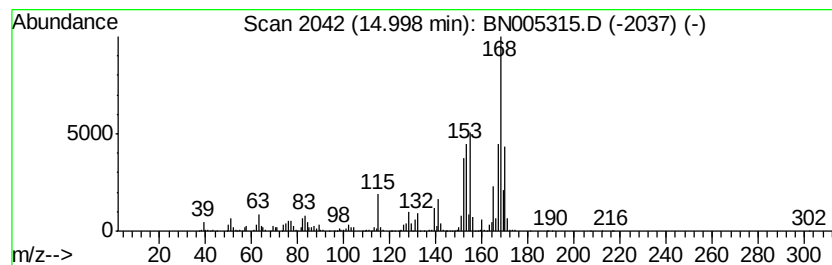
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 1,1'-Biphenyl, 2-methyl- Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.00	3.97 ng/ul	2805370	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	50
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	46
3		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	42
4		Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	42
5		3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	42



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005315.D
Acq On : 26 Apr 2019 11:39
Operator : JU/SJ
Sample : K2481-15 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHW8

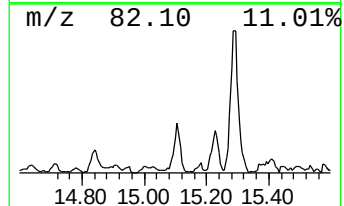
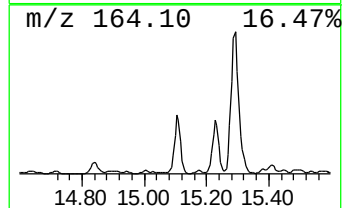
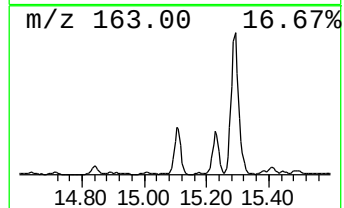
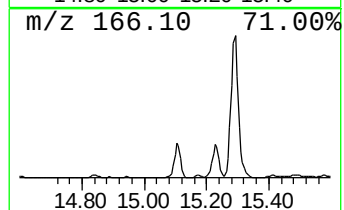
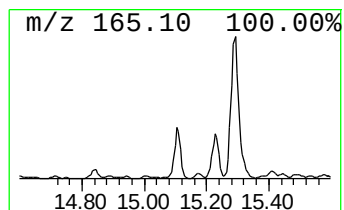
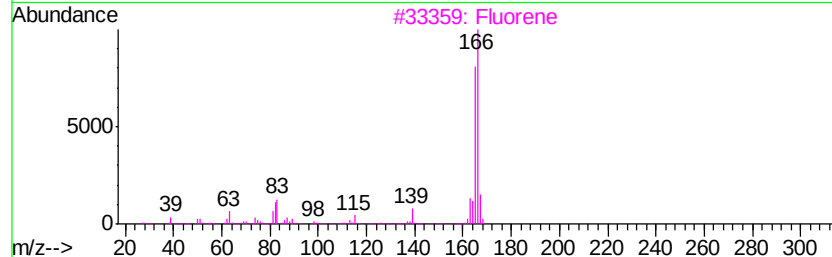
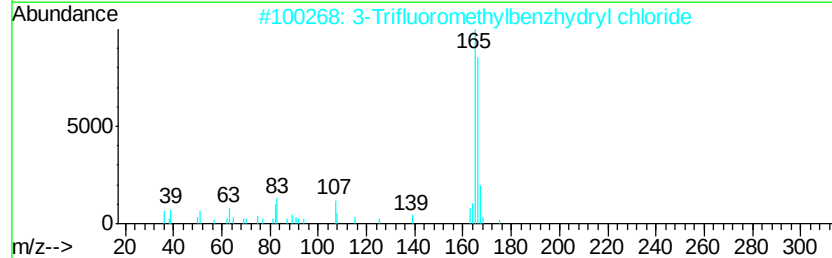
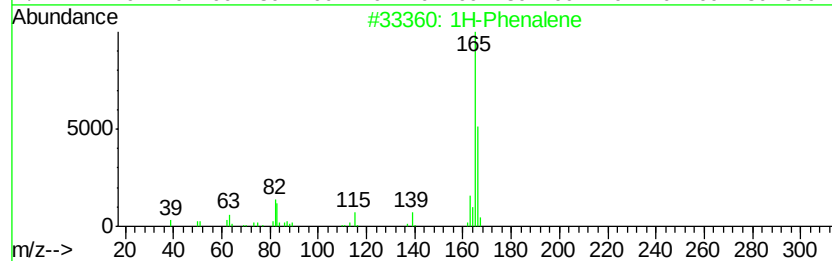
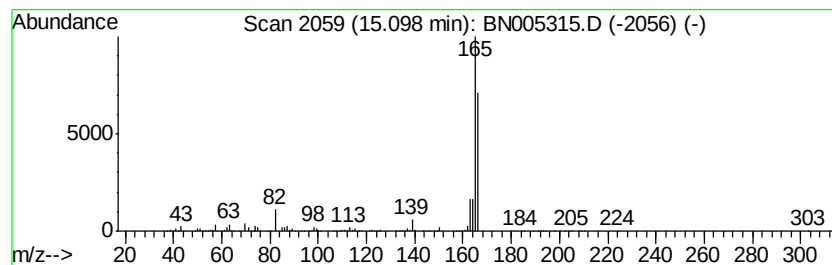
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 1H-Phenalene Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	8.41 ng/ul	5945880	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Phenalene	166	C13H10	000203-80-5	78
2		3-Trifluoromethylbenzhydryl chlo...	270	C14H10ClF3	067240-79-3	64
3		Fluorene	166	C13H10	000086-73-7	58
4		Fluorene	166	C13H10	000086-73-7	50
5		9H-Fluorene, 9-bromo-	244	C13H9Br	001940-57-4	45



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005315.D
Acq On : 26 Apr 2019 11:39
Operator : JU/SJ
Sample : K2481-15 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHW8

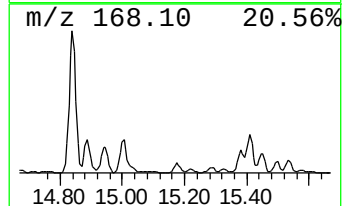
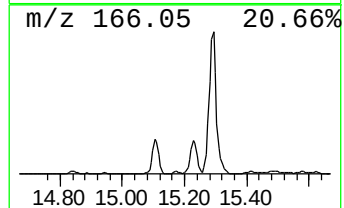
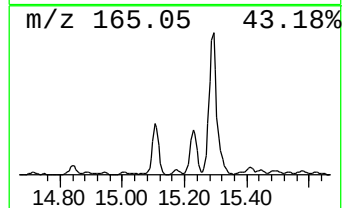
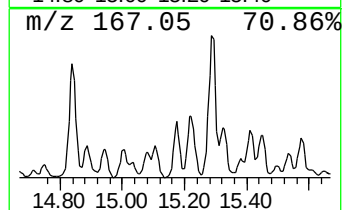
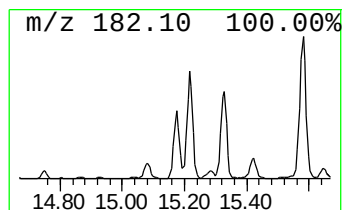
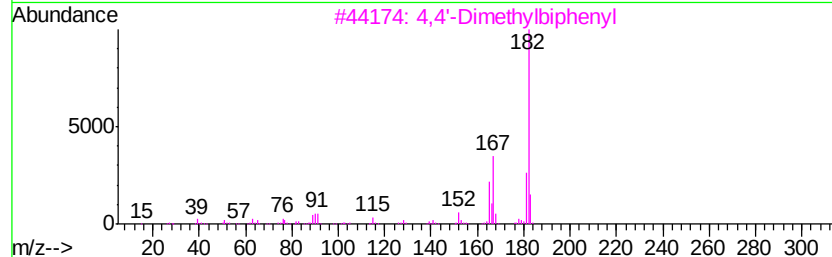
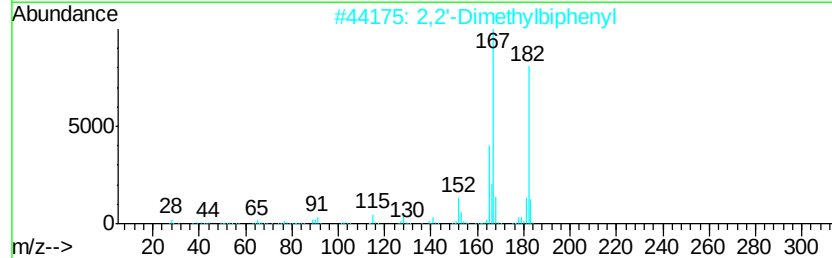
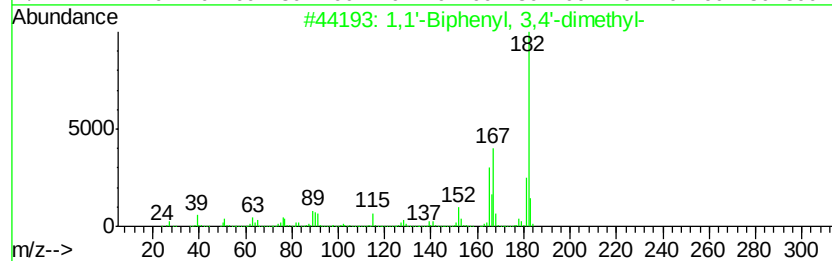
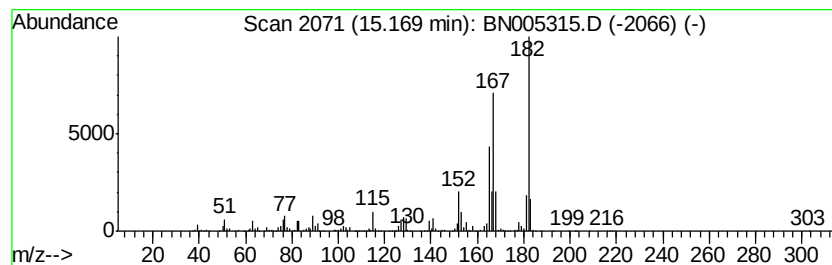
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 1,1'-Biphenyl, 3,4'-dimethyl- Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	3.80 ng/ul	2689740	Acenaphthene-d10	14.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	94
2			2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	94
3			4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	93
4			3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	93
5			4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005315.D
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Operator : JU/SJ
Sample : K2481-15 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

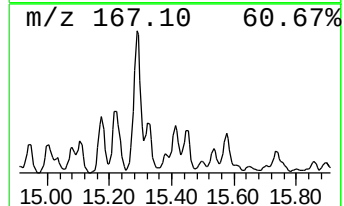
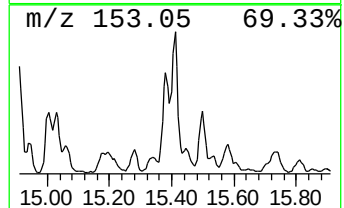
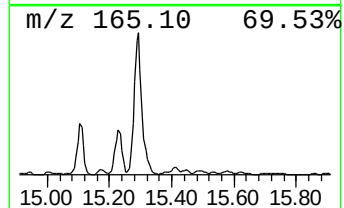
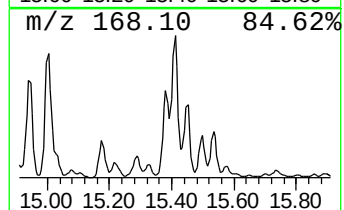
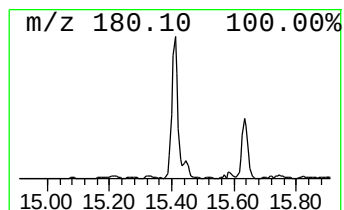
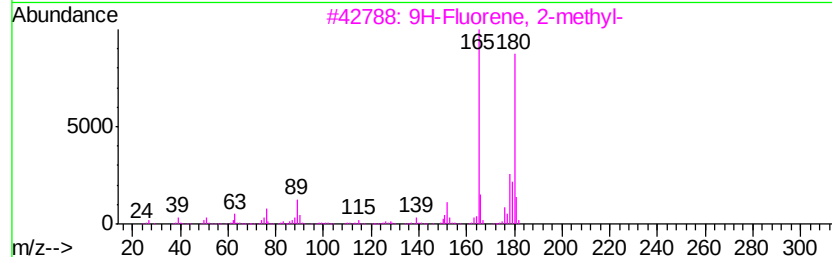
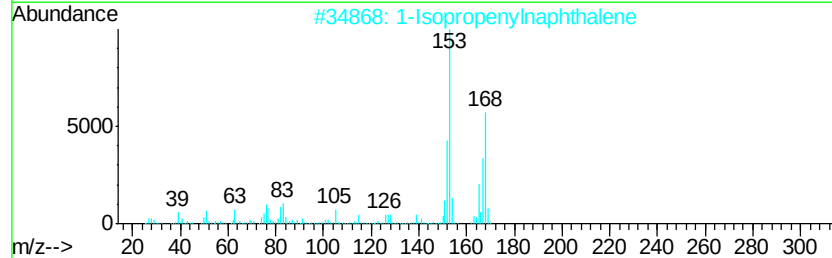
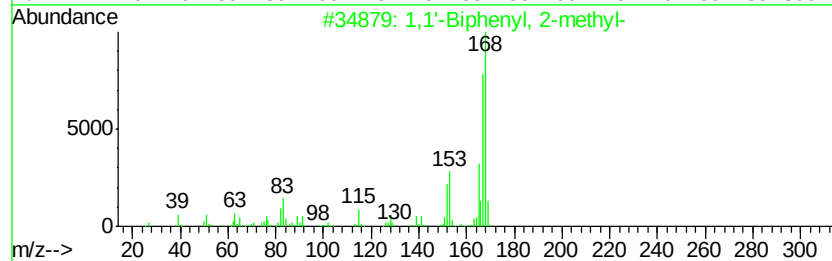
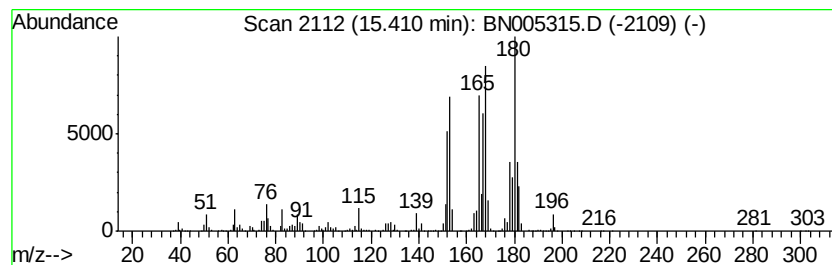
Instrument :
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ClientSampleId :
GAHW8

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 22 unknown-01 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.41	4.94 ng/ul	3491530	Acenaphthene-d10	14.23	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	50
2	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	41
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	38
4	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	38
5	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005315.D
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Operator : JU/SJ
Sample : K2481-15 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

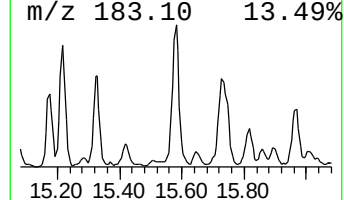
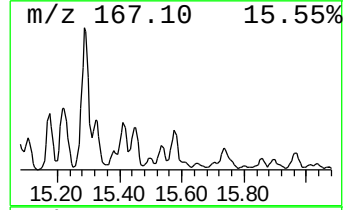
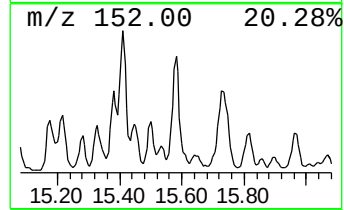
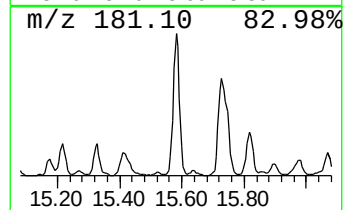
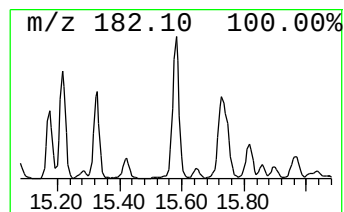
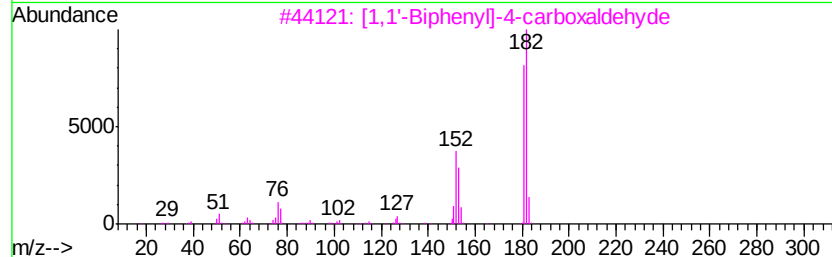
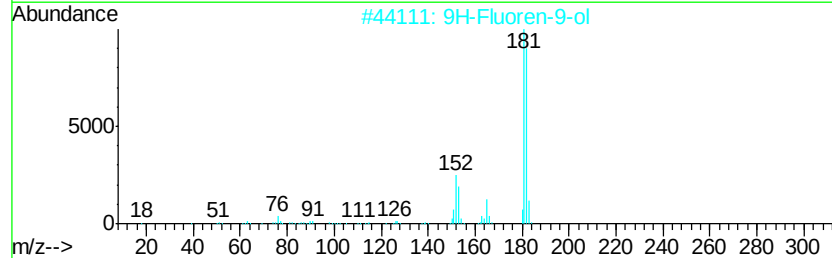
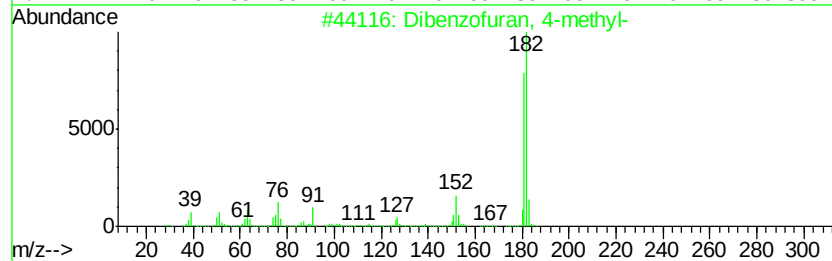
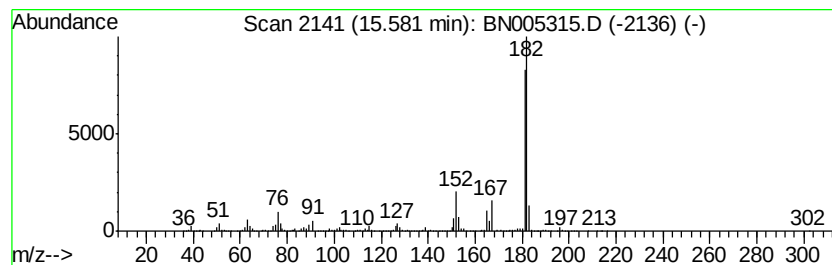
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 23 Dibenzofuran, 4-methyl- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.58	5.80 ng/ul	4098240	Acenaphthene-d10	14.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Dibenzofuran, 4-methyl-	182 C13H10O	007320-53-8 90
2		9H-Fluoren-9-ol	182 C13H10O	001689-64-1 87
3		[1,1'-Biphenyl]-4-carboxaldehyde	182 C13H10O	003218-36-8 68
4		Benzaldehyde, 4-hydroxy-3,5-dime...	182 C9H10O4	000134-96-3 64
5		2-Hydroxyfluorene	182 C13H10O	002443-58-5 64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
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ALS Vial : 31 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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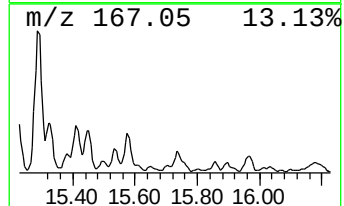
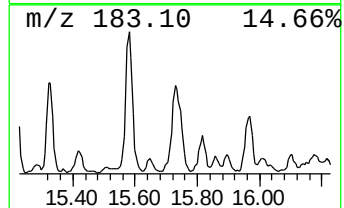
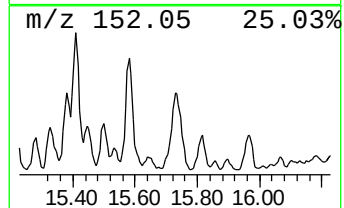
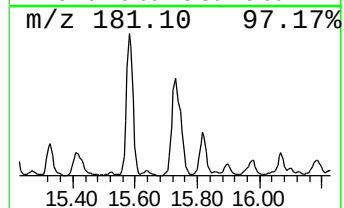
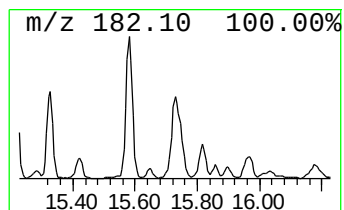
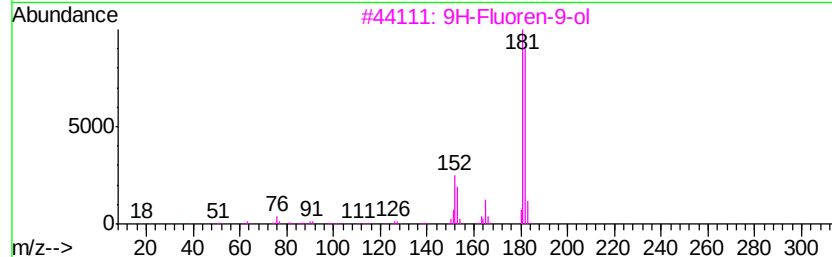
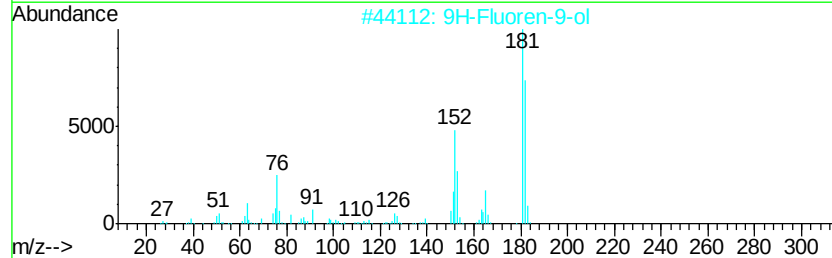
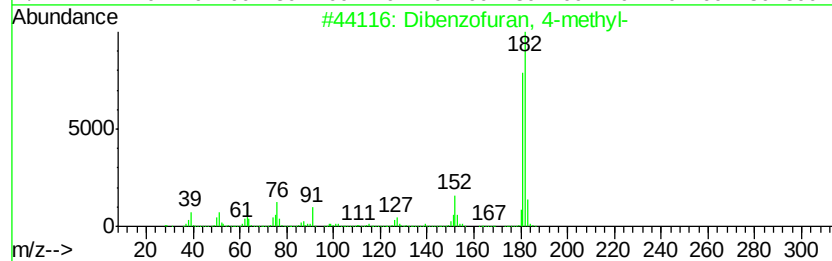
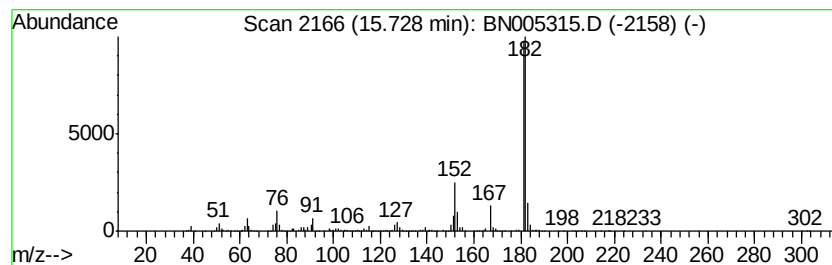
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 9H-Fluoren-9-ol Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	11.23 ng/ul	4076270	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
2		9H-Fluoren-9-ol	182	C13H10O	001689-64-1	87
3		9H-Fluoren-9-ol	182	C13H10O	001689-64-1	80
4		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
5		9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005315.D
Acq On : 26 Apr 2019 11:39
Operator : JU/SJ
Sample : K2481-15 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHW8

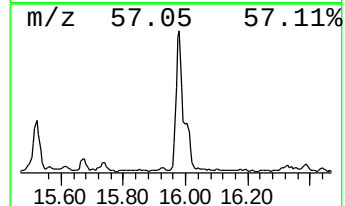
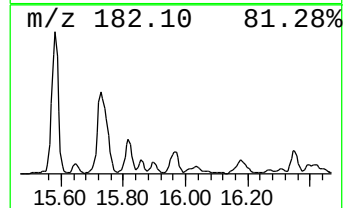
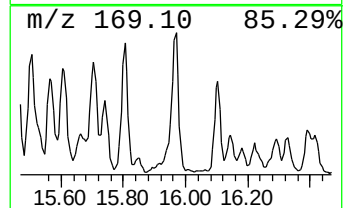
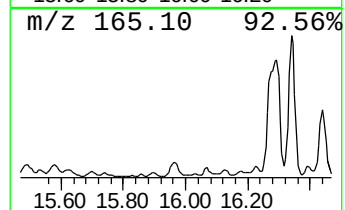
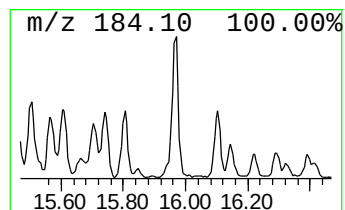
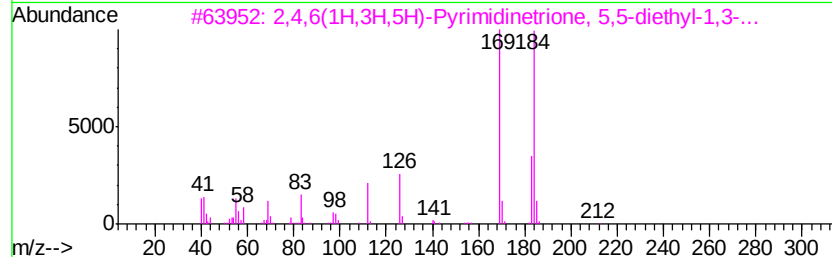
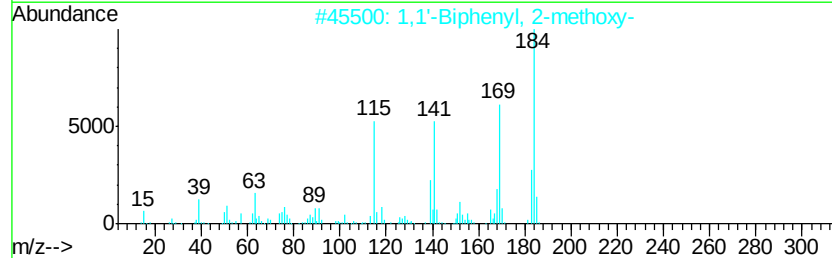
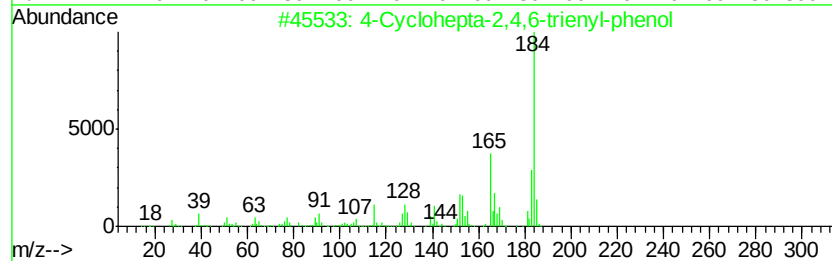
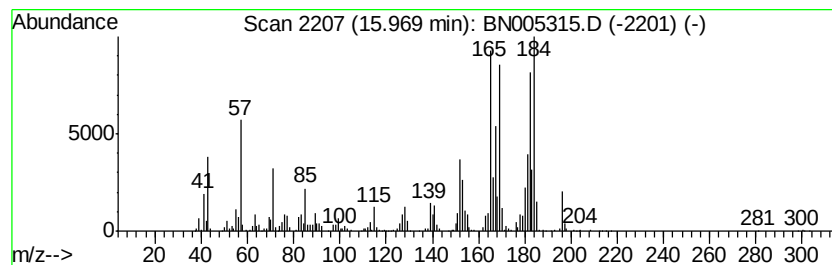
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 unknown-02 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	7.47 ng/ul	2712730	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Cyclohepta-2,4,6-trienyl-phenol	184	C13H12O	091902-42-0	46
2		1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	42
3		2,4,6(1H,3H,5H)-Pyrimidinetrione...	212	C10H16N2O3	000714-59-0	38
4		1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	30
5		3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005315.D
Acq On : 26 Apr 2019 11:39
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Sample : K2481-15 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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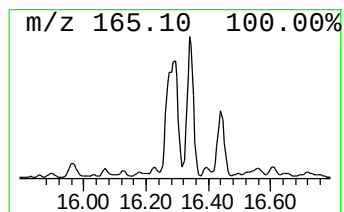
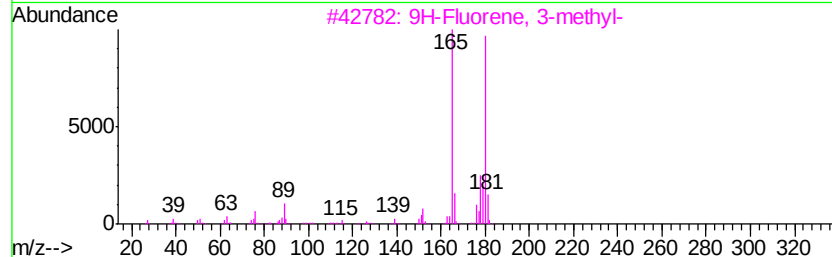
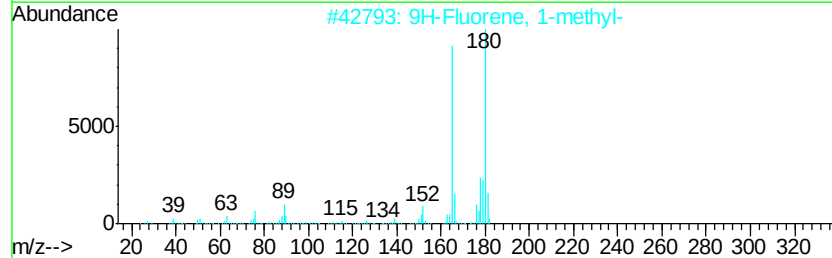
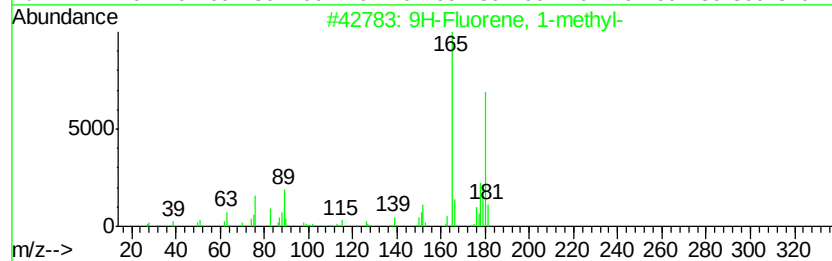
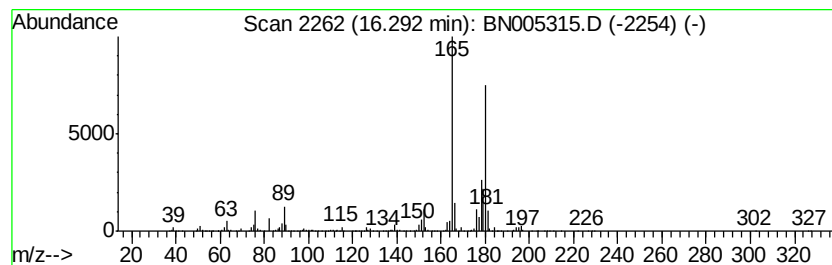
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 9H-Fluorene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	29.93 ng/ul	10864800	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
2		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
3		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	94
4		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	92
5		9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005315.D
Acq On : 26 Apr 2019 11:39
Operator : JU/SJ
Sample : K2481-15 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHW8

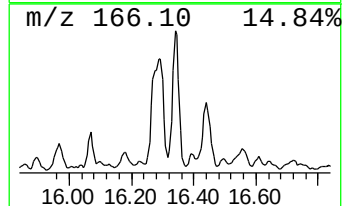
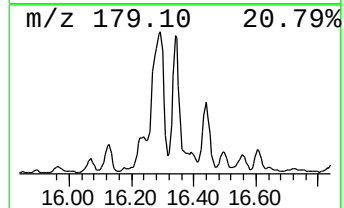
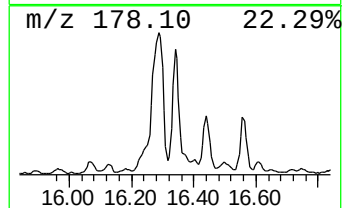
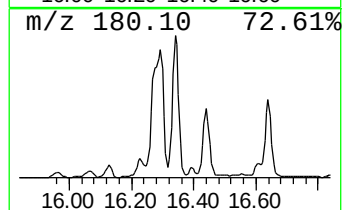
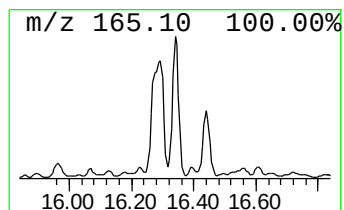
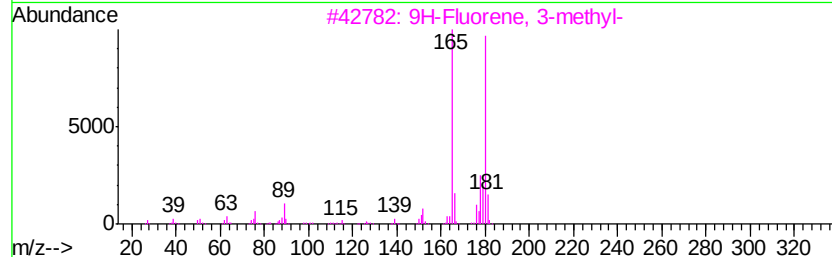
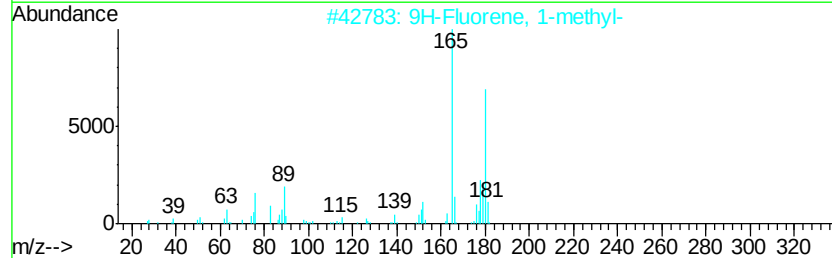
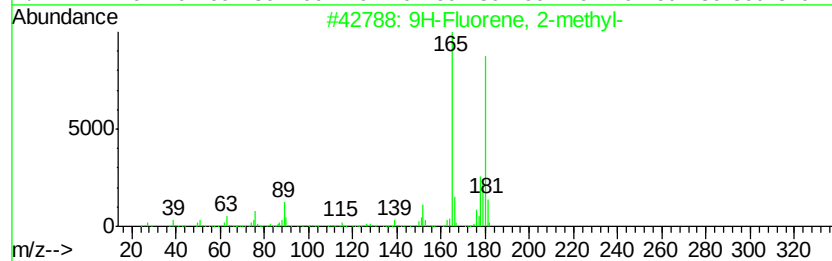
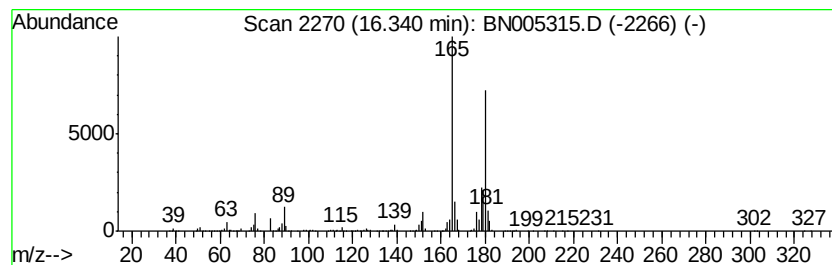
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Quant Title : SVOA CALIBRATION

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

Peak Number 27 9H-Fluorene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.34	19.55 ng/ul	7097630	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	97
2		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
3		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	95
4		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	93
5		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005315.D
Acq On : 26 Apr 2019 11:39
Operator : JU/SJ
Sample : K2481-15 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHW8

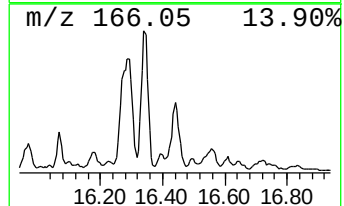
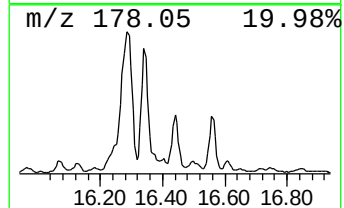
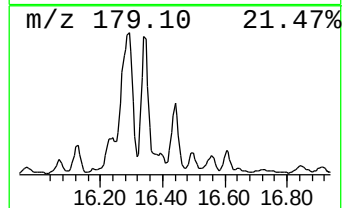
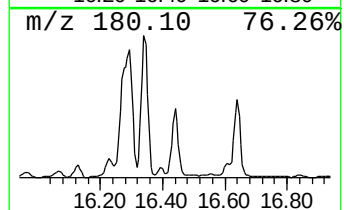
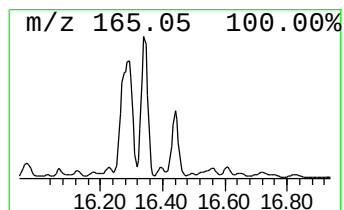
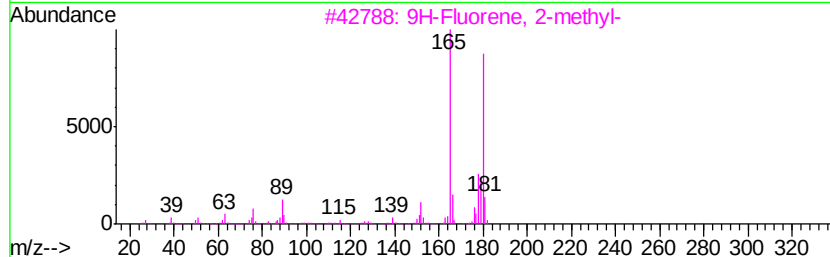
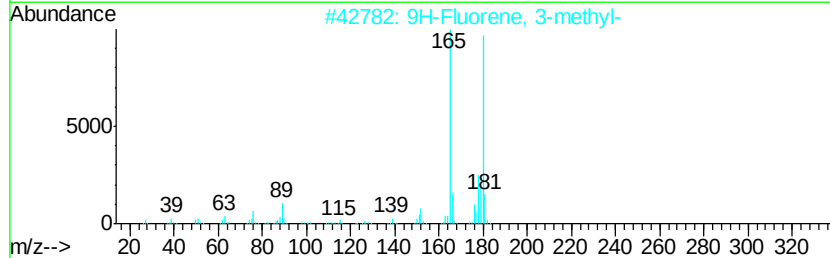
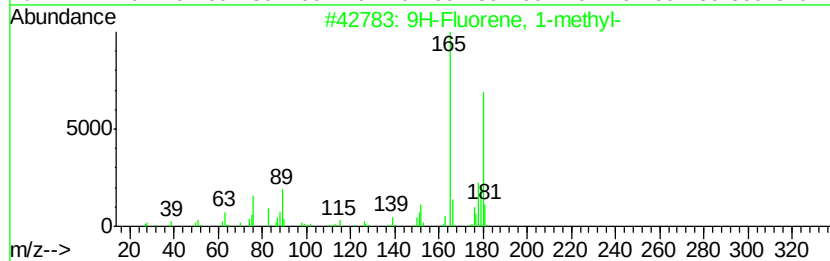
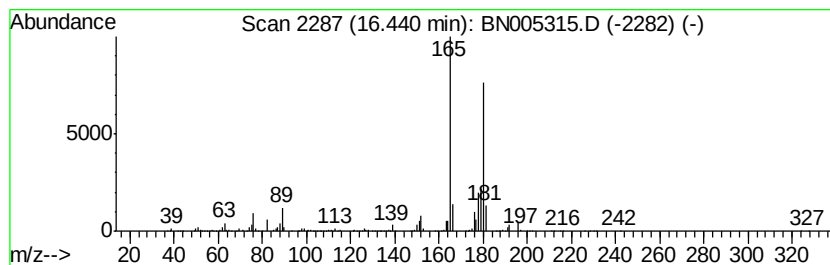
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 9H-Fluorene, 3-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	10.72 ng/ul	3893460	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
2		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	96
3		9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	93
4		9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	91
5		9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005315.D
Acq On : 26 Apr 2019 11:39
Operator : JU/SJ
Sample : K2481-15 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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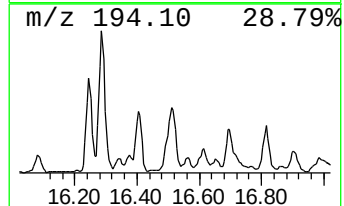
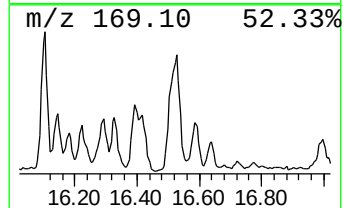
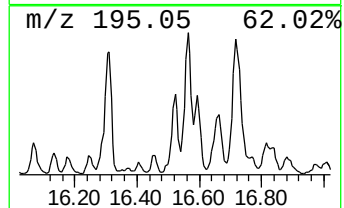
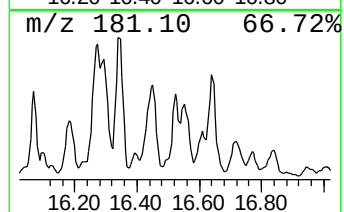
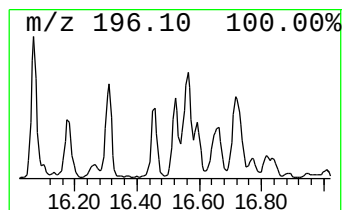
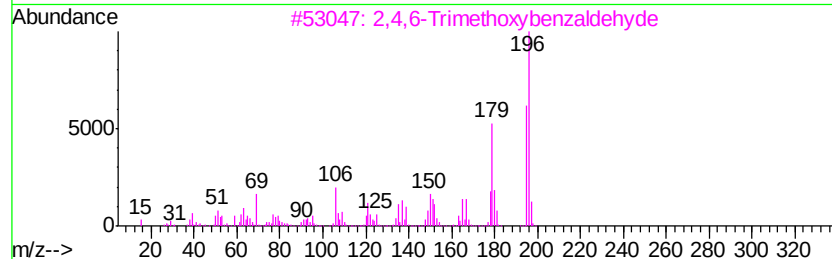
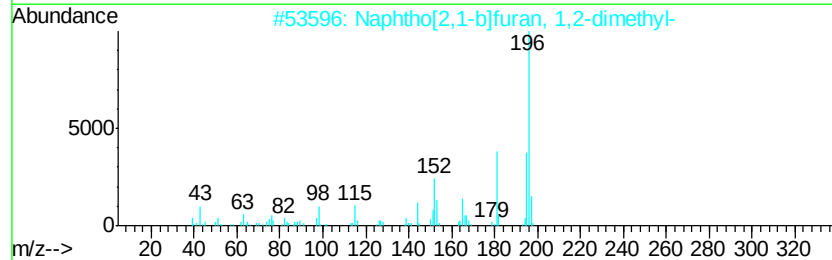
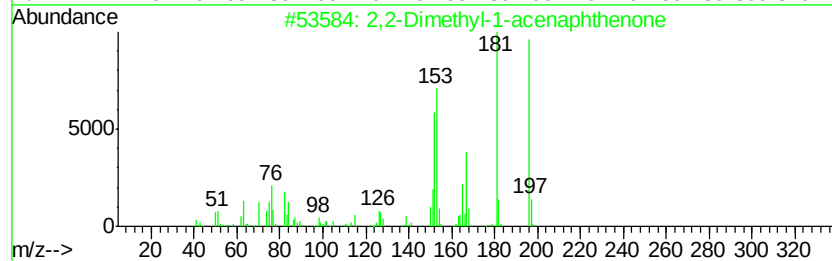
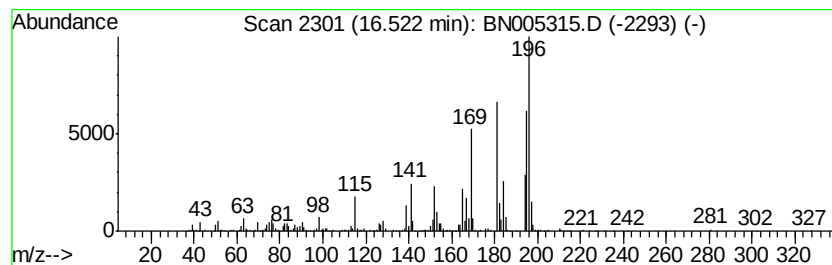
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Quant Title : SVOA CALIBRATION

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

Peak Number 29 2,2-Dimethyl-1-acenaphthenone Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.52	5.99 ng/ul	2173170	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,2-Dimethyl-1-acenaphthenone	196	C14H12O	018086-43-6	52
2		Naphtho[2,1-b]furan, 1,2-dimethyl-	196	C14H12O	129812-23-3	45
3		2,4,6-Trimethoxybenzaldehyde	196	C10H12O4	000830-79-5	43
4		9H-Fluorene, 2-methoxy-	196	C14H12O	002523-46-8	43
5		8-Dimethylaminonaphthalene-1-car...	196	C13H12N2	128644-69-9	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005315.D
Acq On : 26 Apr 2019 11:39
Operator : JU/SJ
Sample : K2481-15 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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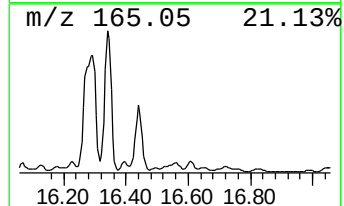
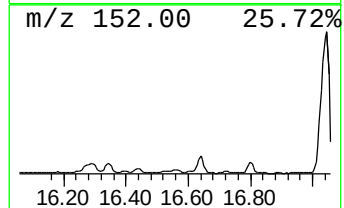
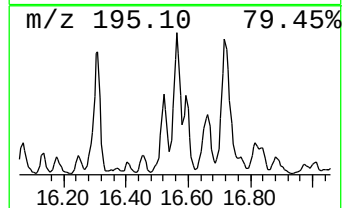
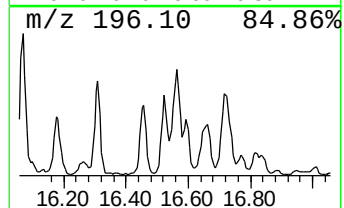
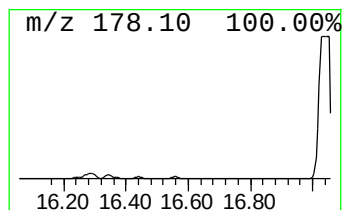
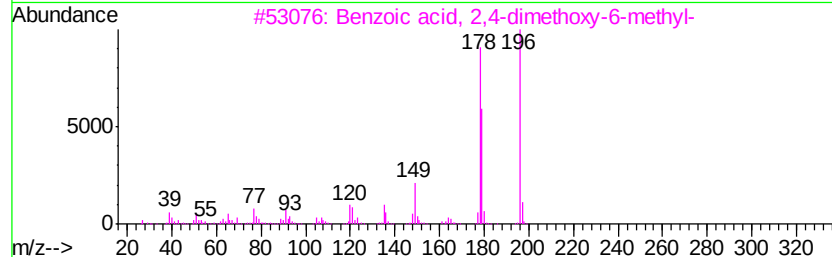
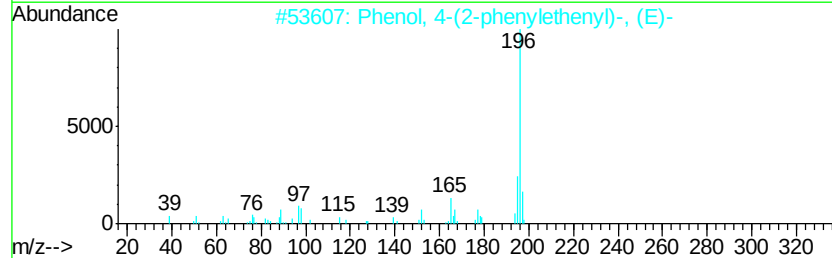
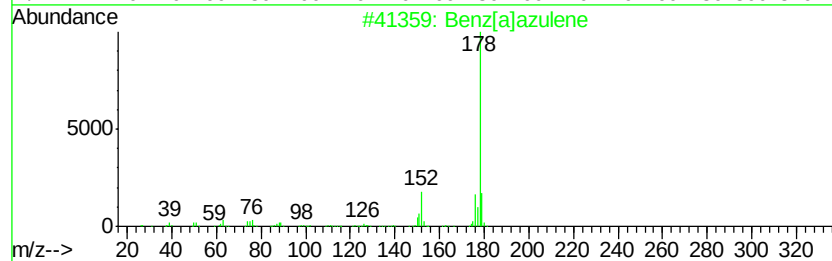
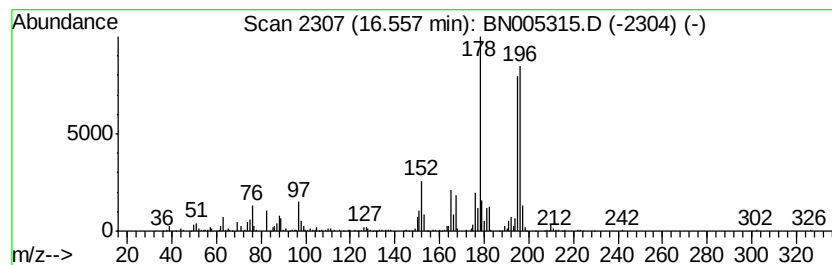
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Quant Title : SVOA CALIBRATION

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

Peak Number 30 Benz[a]azulene Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.56	5.81 ng/ul	2110600	Phenanthrene-d10	16.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benz[a]azulene	178	C14H10	000246-02-6	53
2			Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	45
3			Benzoic acid, 2,4-dimethoxy-6-me...	196	C10H12O4	003686-57-5	43
4			Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	30
5			Dibenz[c,e]oxepin, 5,7-dihydro-	196	C14H12O	001136-22-7	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005315.D
Acq On : 26 Apr 2019 11:39
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Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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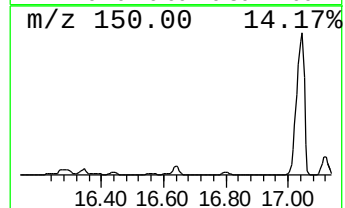
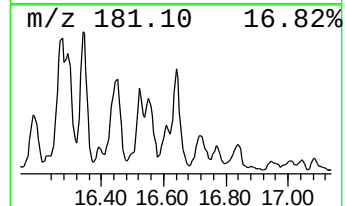
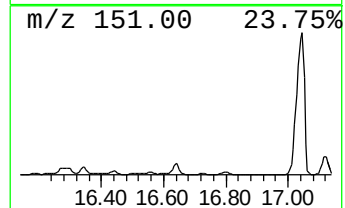
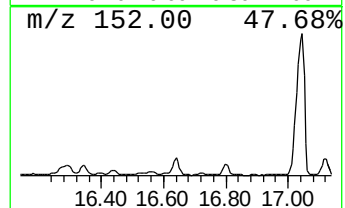
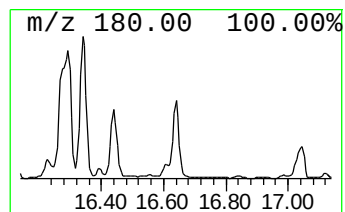
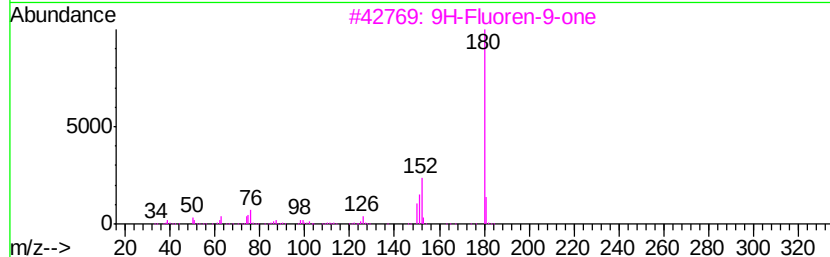
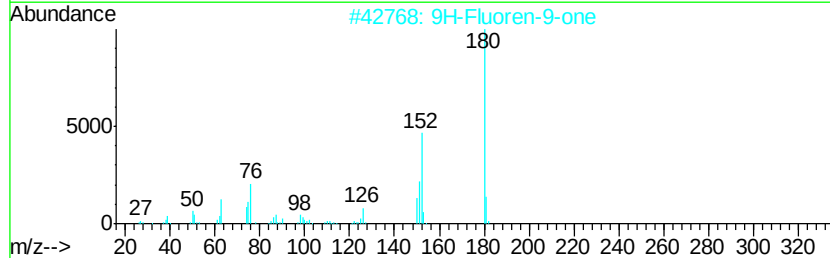
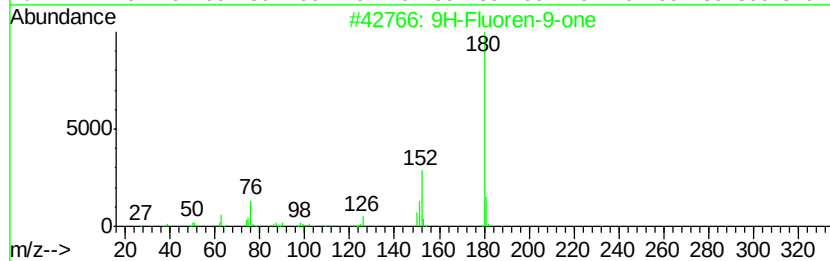
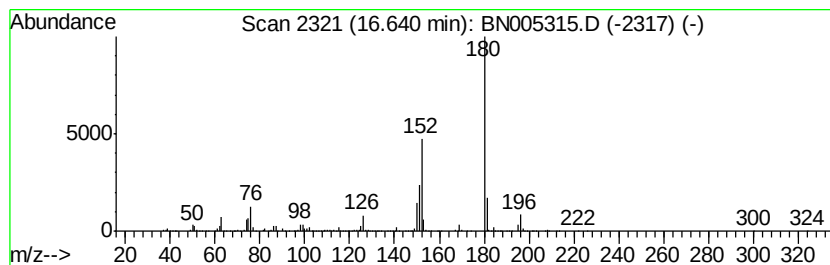
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Quant Title : SVOA CALIBRATION

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

Peak Number 31 9H-Fluoren-9-one Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.64	7.32 ng/ul	2657130	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	97
2		9H-Fluoren-9-one	180	C13H8O	000486-25-9	96
3		9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
4		9H-Fluoren-9-one	180	C13H8O	000486-25-9	87
5		Benzo[h]cinnoline	180	C12H8N2	000230-31-9	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005315.D
Acq On : 26 Apr 2019 11:39
Operator : JU/SJ
Sample : K2481-15 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHW8

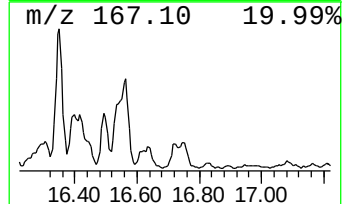
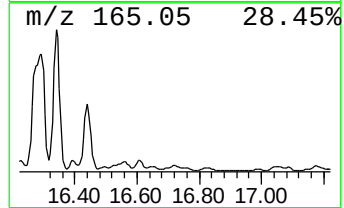
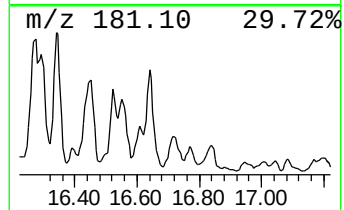
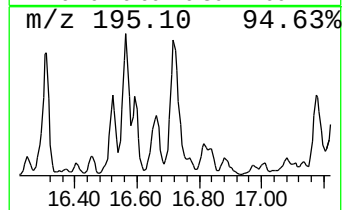
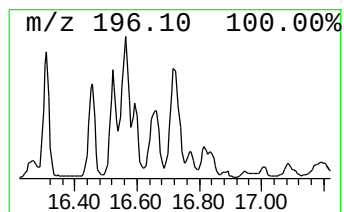
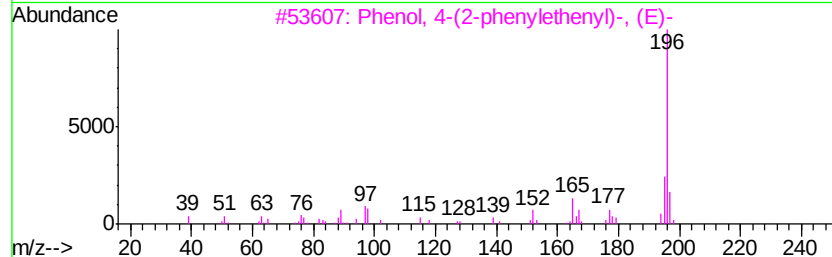
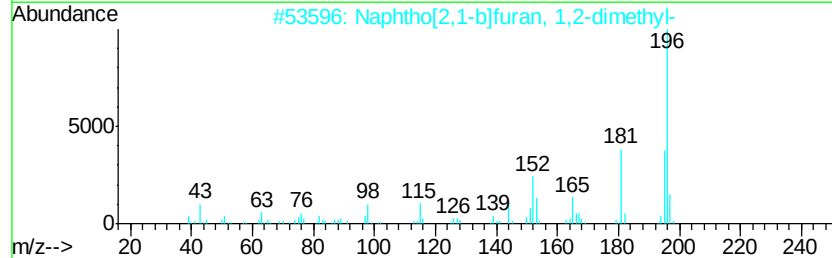
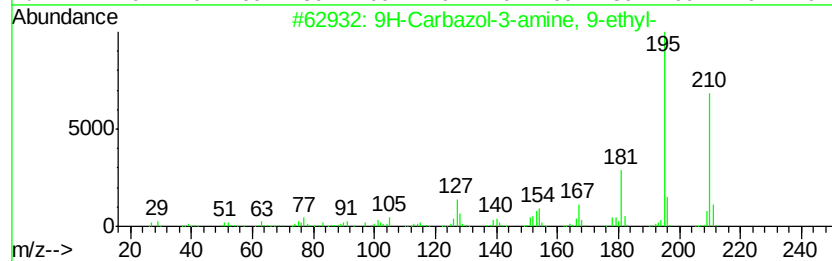
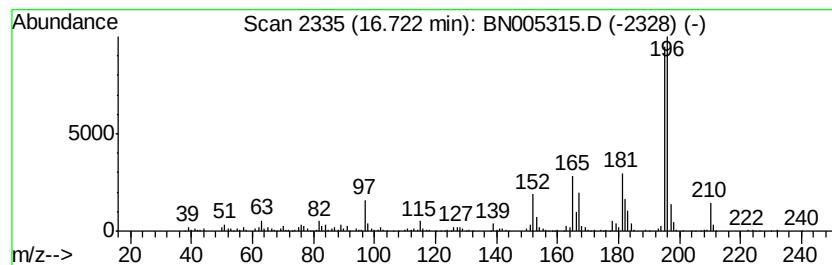
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Quant Title : SVOA CALIBRATION

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

Peak Number 32 9H-Carbazol-3-amine, 9-ethyl- Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.72	3.97 ng/ul	1440770	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Carbazol-3-amine, 9-ethyl-	210	C14H14N2	000132-32-1	55
2		Naphtho[2,1-b]furan, 1,2-dimethyl-	196	C14H12O	129812-23-3	55
3		Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	55
4		9H-Carbazol-3-amine, 9-ethyl-	210	C14H14N2	000132-32-1	55
5		9H-Carbazol-3-amine, 9-ethyl-	210	C14H14N2	000132-32-1	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
 Data File : BN005315.D
 Acq On : 26 Apr 2019 11:39
 Operator : JU/SJ
 Sample : K2481-15 10X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHW8

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, 1,2,3-tr...	7.25	18.1	ng/ul	2657650	1	7.59	2934000	20.0
Benzene, (2-methy...	8.85	10.7	ng/ul	1567450	1	7.59	2934000	20.0
Benzene, 1,2,4,5-...	9.77	8.7	ng/ul	2373770	2	10.36	5429600	20.0
2-Methylindene	9.86	12.8	ng/ul	3469330	2	10.36	5429600	20.0
(DEL) Alkane: Str...	11.81	13.1	ng/ul	3547280	2	10.36	5429600	20.0
Benzo[b]thiophene...	11.92	5.7	ng/ul	1555710	2	10.36	5429600	20.0
Naphthalene, 1-me...	12.27	227.7	ng/ul	61823400	2	10.36	5429600	20.0
Naphthalene, 1-et...	13.25	8.3	ng/ul	5875670	3	14.23	14140900	20.0
Naphthalene, 1,5-...	13.39	39.4	ng/ul	27857800	3	14.23	14140900	20.0
Naphthalene, 2,3-...	13.56	55.8	ng/ul	39440600	3	14.23	14140900	20.0
Naphthalene, 1,7-...	13.79	24.0	ng/ul	16938400	3	14.23	14140900	20.0
Naphthalene, 2,6-...	13.82	4.3	ng/ul	3040590	3	14.23	14140900	20.0
(DEL) Alkane: Str...	14.16	2.3	ng/ul	1633160	3	14.23	14140900	20.0
Naphthalene, 1,6,...	14.53	2.4	ng/ul	1690170	3	14.23	14140900	20.0
Naphthalene, 2,3,...	14.72	9.7	ng/ul	6876840	3	14.23	14140900	20.0
Naphthalene, 2-(1...	14.85	15.5	ng/ul	10956600	3	14.23	14140900	20.0
Azulene, 4,6,8-tr...	14.91	7.8	ng/ul	5482480	3	14.23	14140900	20.0
1,1'-Biphenyl, 2-...	15.00	4.0	ng/ul	2805370	3	14.23	14140900	20.0
1H-Phenylene	15.10	8.4	ng/ul	5945880	3	14.23	14140900	20.0
1,1'-Biphenyl, 3,...	15.17	3.8	ng/ul	2689740	3	14.23	14140900	20.0
unknown-01	15.41	4.9	ng/ul	3491530	3	14.23	14140900	20.0
Dibenzofuran, 4-m...	15.58	5.8	ng/ul	4098240	3	14.23	14140900	20.0
9H-Fluorene-9-ol	15.73	11.2	ng/ul	4076270	4	16.99	7261290	20.0
unknown-02	15.97	7.5	ng/ul	2712730	4	16.99	7261290	20.0
9H-Fluorene, 1-me...	16.29	29.9	ng/ul	10864800	4	16.99	7261290	20.0
9H-Fluorene, 2-me...	16.34	19.6	ng/ul	7097630	4	16.99	7261290	20.0
9H-Fluorene, 3-me...	16.44	10.7	ng/ul	3893460	4	16.99	7261290	20.0
2,2-Dimethyl-1-ac...	16.52	6.0	ng/ul	2173170	4	16.99	7261290	20.0
Benz[a]azulene	16.56	5.8	ng/ul	2110600	4	16.99	7261290	20.0
9H-Fluorene-9-one	16.64	7.3	ng/ul	2657130	4	16.99	7261290	20.0
9H-Carbazole-3-ami...	16.72	4.0	ng/ul	1440770	4	16.99	7261290	20.0