

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
 Data File : BN005257.D
 Acq On : 24 Apr 2019 19:18
 Operator : JU/SJ
 Sample : K2456-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHP5

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	6.775	636	644	652	rBV	1045032	1670519	25.54%	1.371%
2	6.946	667	673	682	rBV	812586	1292201	19.76%	1.061%
3	7.134	697	705	716	rBV	1061769	1666436	25.48%	1.368%
4	7.258	716	726	734	rVV5	52319	119215	1.82%	0.098%
5	7.599	776	784	791	rBV	1763654	2843705	43.47%	2.334%
6	8.293	895	902	912	rVV	1175140	1860822	28.45%	1.527%
7	8.734	971	977	988	rVV	1096965	1740557	26.61%	1.428%
8	9.451	1091	1099	1106	rBV	820533	1381469	21.12%	1.134%
9	9.799	1148	1158	1163	rVV4	92462	241354	3.69%	0.198%
10	9.863	1163	1169	1173	rVV	93517	169965	2.60%	0.139%
11	9.981	1182	1189	1199	rVB	1303645	2199234	33.62%	1.805%
12	10.357	1246	1253	1257	rBV	2703943	4413646	67.48%	3.622%
13	10.404	1257	1261	1269	rVB	1610317	2619374	40.04%	2.150%
14	10.493	1269	1276	1283	rBV	1226224	2051379	31.36%	1.684%
15	11.404	1426	1431	1434	rBV2	67457	103522	1.58%	0.085%
16	11.551	1451	1456	1465	rVB3	52365	110788	1.69%	0.091%
17	11.810	1493	1500	1506	rBV	235426	354377	5.42%	0.291%
18	12.028	1529	1537	1545	rVB	4092758	6541106	100.00%	5.368%
19	12.245	1564	1574	1587	rBV	2215248	3675666	56.19%	3.017%
20	13.063	1706	1713	1722	rBV2	360626	807337	12.34%	0.663%
21	13.257	1739	1746	1749	rBV	185190	323813	4.95%	0.266%
22	13.387	1761	1768	1769	rBV	747036	1006157	15.38%	0.826%
23	13.545	1786	1795	1800	rBV	971802	1693640	25.89%	1.390%
24	13.604	1800	1805	1808	rVV	566280	881167	13.47%	0.723%
25	13.645	1808	1812	1816	rVV	2421769	3412244	52.17%	2.800%
26	13.687	1816	1819	1825	rVV2	811943	1340814	20.50%	1.100%
27	13.787	1831	1836	1840	rVV	438446	684905	10.47%	0.562%
28	13.816	1840	1841	1846	rVV	110178	107610	1.65%	0.088%
29	13.916	1852	1858	1862	rBV	2498048	4293902	65.64%	3.524%
30	13.945	1862	1863	1874	rVB2	1273299	1335067	20.41%	1.096%
31	14.157	1894	1899	1903	rBV	191179	244726	3.74%	0.201%
32	14.228	1903	1911	1918	rVV2	3669766	5915782	90.44%	4.855%
33	14.292	1918	1922	1925	rVV2	183610	282993	4.33%	0.232%
34	14.322	1925	1927	1932	rVV	114956	142092	2.17%	0.117%

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35	14.428	1939	1945	1957	rVV2	752468	1383312	21.15%	1.135%
36	14.634	1976	1980	1989	rVV3	197751	414971	6.34%	0.341%
37	14.716	1989	1994	1999	rVB	167135	240918	3.68%	0.198%
38	14.839	2009	2015	2022	rBV2	226745	508026	7.77%	0.417%
39	14.910	2024	2027	2030	rVB	115977	131210	2.01%	0.108%
40	15.004	2038	2043	2045	rBV2	73513	110978	1.70%	0.091%
41	15.110	2056	2061	2067	rVB3	214821	350443	5.36%	0.288%
42	15.228	2075	2081	2086	rVV	3348323	4736503	72.41%	3.887%
43	15.281	2086	2090	2096	rVV	774349	1155262	17.66%	0.948%
44	15.351	2096	2102	2109	rVV2	444202	684549	10.47%	0.562%
45	15.581	2136	2141	2145	rBV	80261	136282	2.08%	0.112%
46	15.692	2155	2160	2164	rBV	100879	161190	2.46%	0.132%
47	15.734	2164	2167	2176	rVB4	58154	124585	1.90%	0.102%
48	15.981	2201	2209	2212	rBV4	82106	161287	2.47%	0.132%
49	16.292	2252	2262	2266	rVV	159526	377438	5.77%	0.310%
50	16.339	2266	2270	2276	rVV2	143394	226275	3.46%	0.186%
51	16.439	2283	2287	2293	rVB4	91755	134895	2.06%	0.111%
52	16.798	2346	2348	2353	rVB	105284	130706	2.00%	0.107%
53	16.981	2373	2379	2383	rVV2	4367503	6316287	96.56%	5.184%
54	17.022	2383	2386	2391	rVV	2183484	3077727	47.05%	2.526%
55	17.081	2391	2396	2400	rVV2	3158857	4571929	69.90%	3.752%
56	17.116	2400	2402	2407	rVV	533454	618107	9.45%	0.507%
57	17.516	2465	2470	2474	rBV2	104968	142539	2.18%	0.117%
58	17.863	2524	2529	2533	rVV	443975	629070	9.62%	0.516%
59	17.910	2533	2537	2546	rVV	883087	1359444	20.78%	1.116%
60	17.992	2546	2551	2555	rVV2	165555	278692	4.26%	0.229%
61	18.051	2556	2561	2566	rVV2	534180	992587	15.17%	0.815%
62	18.092	2566	2568	2574	rVB	254754	298229	4.56%	0.245%
63	18.375	2611	2616	2619	rVV	253645	360399	5.51%	0.296%
64	18.792	2678	2687	2692	rBV2	208458	407570	6.23%	0.334%
65	18.857	2692	2698	2701	rVV4	137801	251098	3.84%	0.206%
66	18.933	2706	2711	2719	rBV3	144093	272729	4.17%	0.224%
67	19.057	2724	2732	2739	rBV	889997	1292857	19.77%	1.061%
68	19.210	2754	2758	2763	rBV	366532	461278	7.05%	0.379%
69	19.398	2784	2790	2793	rVV	3263817	4976847	76.09%	4.085%
70	19.422	2793	2794	2803	rVV	1571257	1571260	24.02%	1.290%
71	19.763	2847	2852	2859	rBV2	139674	264635	4.05%	0.217%

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72	19.927	2870	2880	2885	rVV	296086	668423	10.22%	0.549%
73	20.033	2894	2898	2903	rVV2	252289	345099	5.28%	0.283%
74	20.092	2903	2908	2912	rVV2	219113	305633	4.67%	0.251%
75	20.227	2928	2931	2935	rBV	173850	214736	3.28%	0.176%
76	20.280	2935	2940	2945	rVB	213105	314272	4.80%	0.258%
77	20.898	3041	3045	3048	rBV	146707	161719	2.47%	0.133%
78	20.933	3048	3051	3052	rVV	98958	108904	1.66%	0.089%
79	20.957	3052	3055	3073	rVB3	473058	927669	14.18%	0.761%
80	21.216	3093	3099	3103	rVV2	4279439	6099095	93.24%	5.006%
81	21.257	3103	3106	3113	rVB	444857	677710	10.36%	0.556%
82	21.357	3120	3123	3128	rBV4	75184	110772	1.69%	0.091%
83	21.416	3130	3133	3141	rVB2	145173	231772	3.54%	0.190%
84	21.774	3191	3194	3199	rVB	144947	198542	3.04%	0.163%
85	21.821	3199	3202	3205	rBV2	88041	112953	1.73%	0.093%
86	21.851	3205	3207	3210	rVB	125813	123661	1.89%	0.101%
87	21.998	3229	3232	3237	rVB2	193780	245336	3.75%	0.201%
88	22.310	3282	3285	3290	rVB	299993	389701	5.96%	0.320%
89	22.433	3303	3306	3313	rVB	214847	266416	4.07%	0.219%
90	22.774	3358	3364	3367	rBV	244347	536122	8.20%	0.440%
91	22.810	3367	3370	3375	rVB	484238	732966	11.21%	0.602%
92	22.939	3388	3392	3402	rVB	132283	233686	3.57%	0.192%
93	23.233	3438	3442	3445	rBV	174395	281874	4.31%	0.231%
94	23.286	3445	3451	3456	rVV2	1978194	3540308	54.12%	2.906%
95	23.327	3456	3458	3462	rVV	417704	572095	8.75%	0.470%
96	23.374	3462	3466	3469	rVV	389452	664490	10.16%	0.545%
97	23.421	3469	3474	3490	rVB2	2543175	4981194	76.15%	4.088%
98	24.004	3568	3573	3581	rVB2	337837	612546	9.36%	0.503%
99	24.739	3692	3698	3705	rBV	266790	553047	8.45%	0.454%
100	25.592	3836	3843	3854	rVB3	299702	796693	12.18%	0.654%

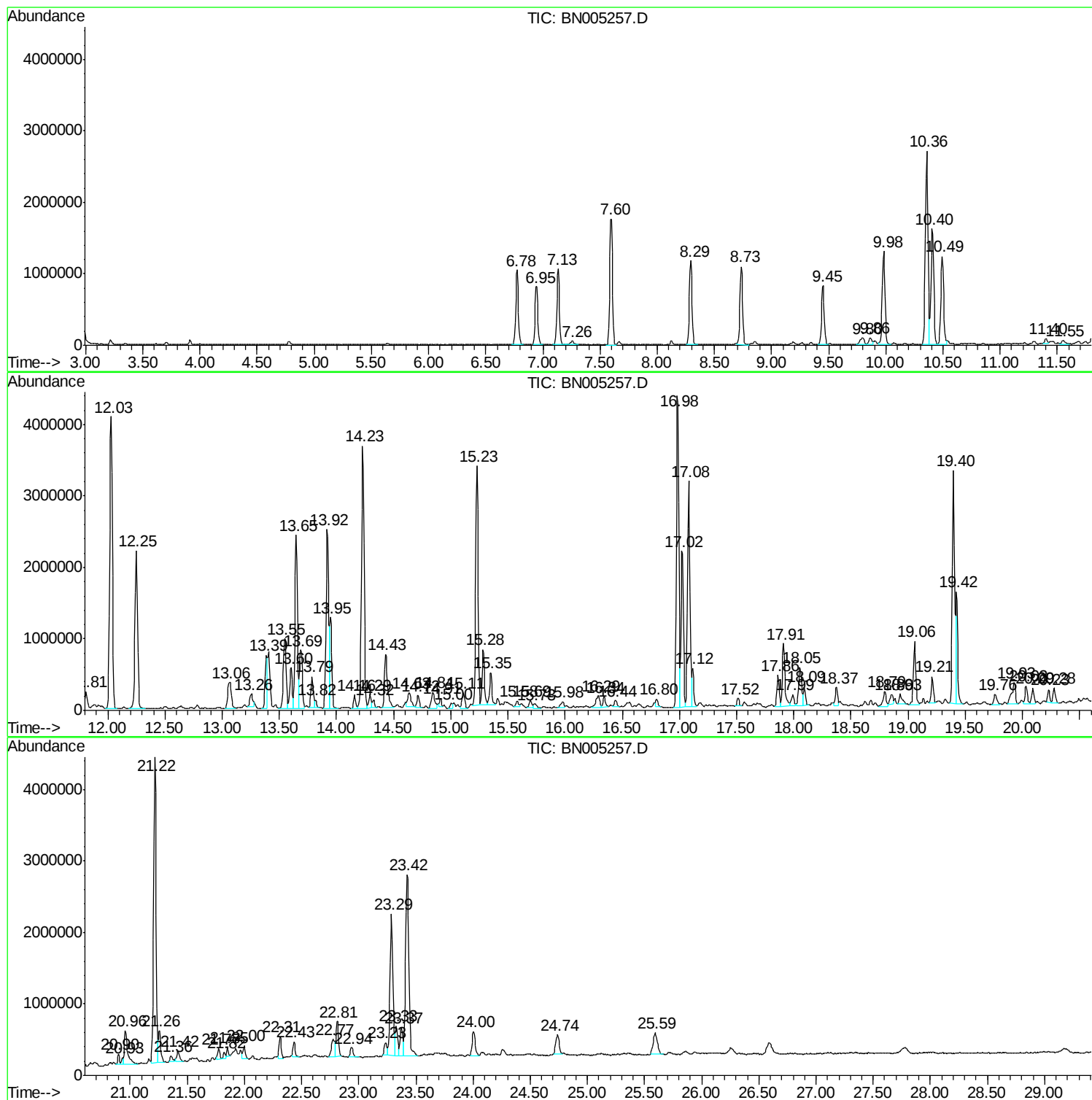
Sum of corrected areas: 121847132

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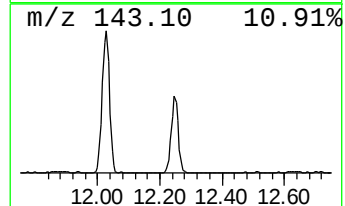
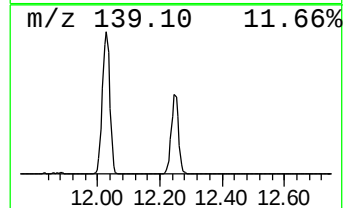
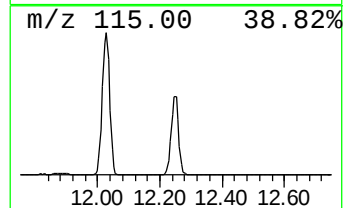
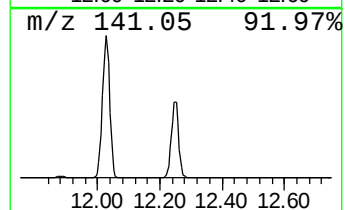
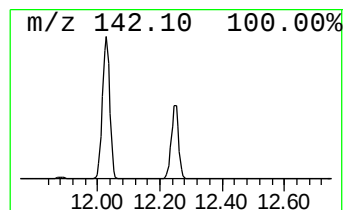
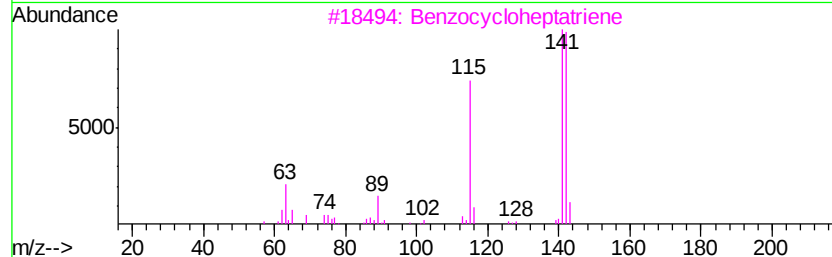
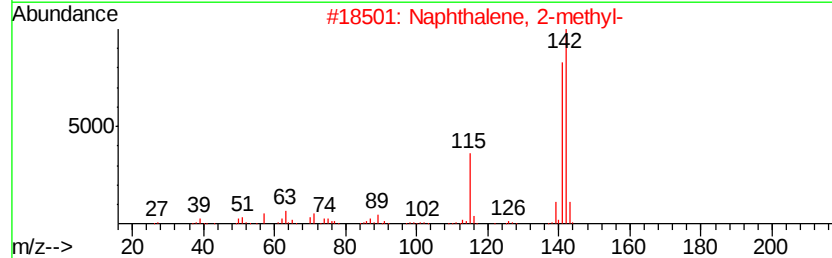
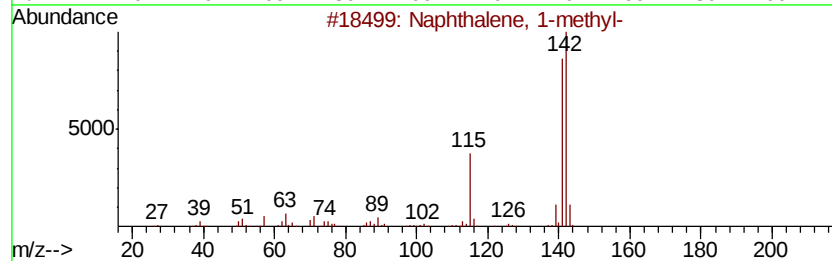
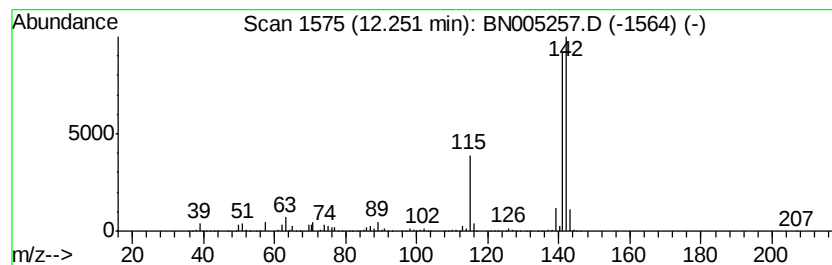
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	16.66 ng/ul	3675670	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		Benzocycloheptatriene	142	C11H10	000264-09-5	94
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
5		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94



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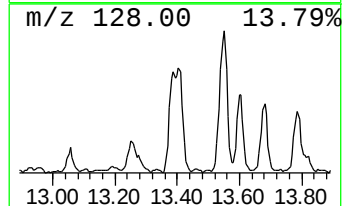
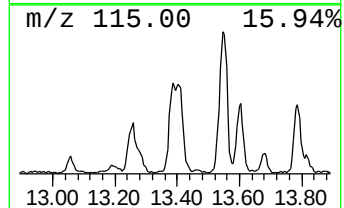
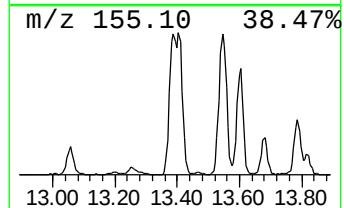
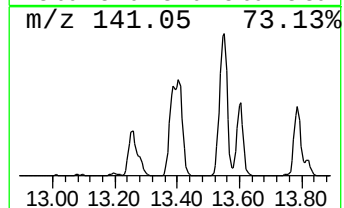
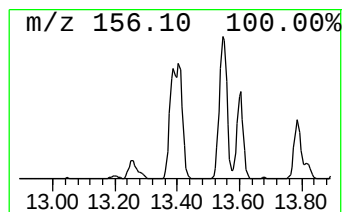
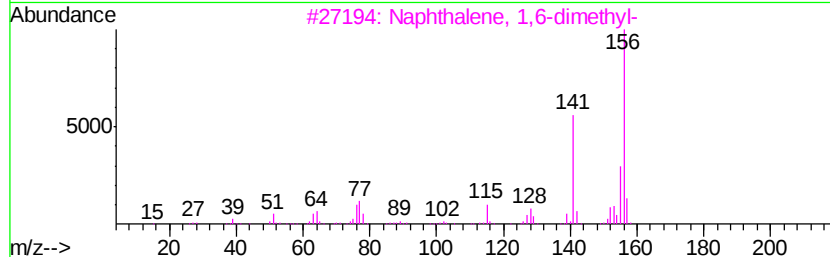
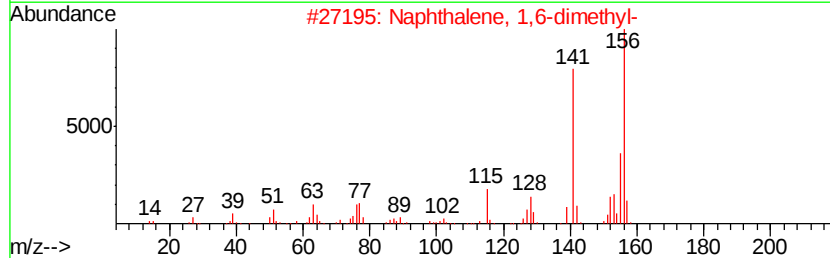
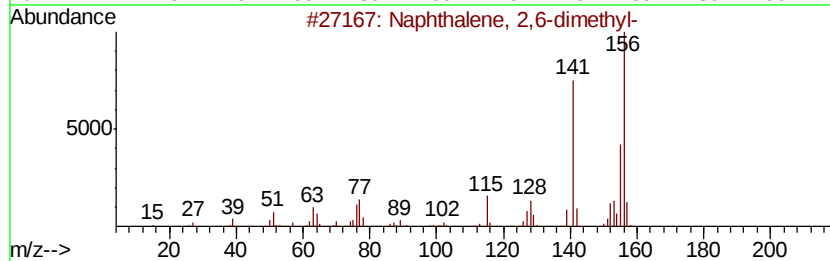
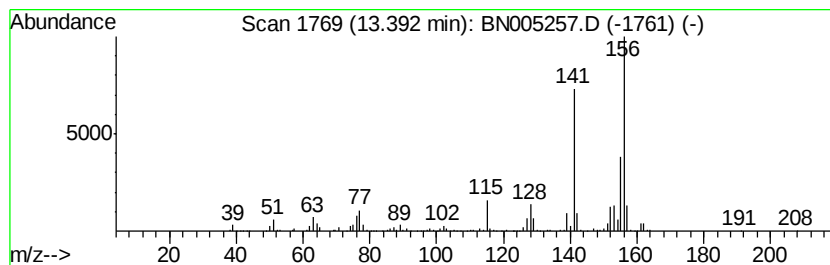
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Peak Number 2 Naphthalene, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	3.40 ng/ul	1006160	Acenaphthene-d10	14.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 98
2		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 97
3		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 97
4		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 97
5		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 96



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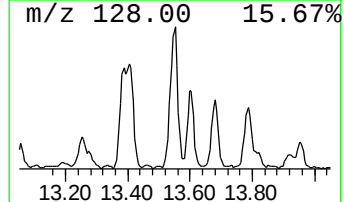
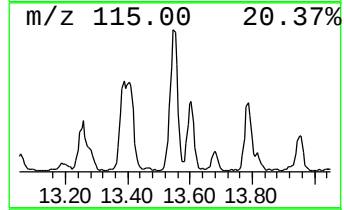
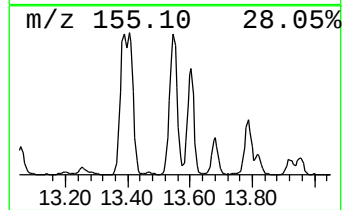
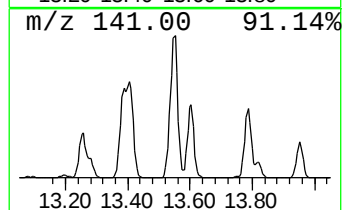
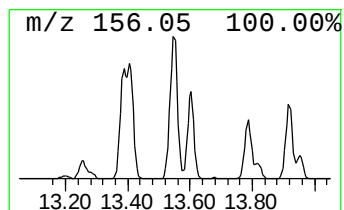
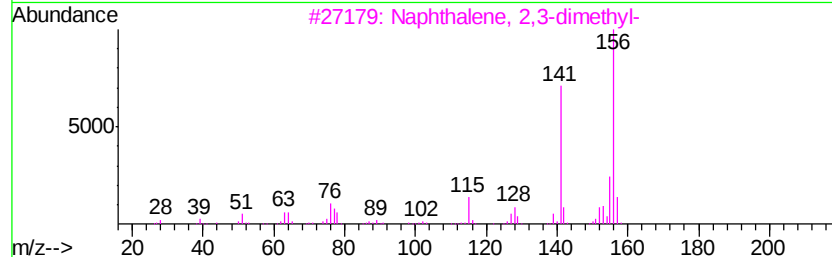
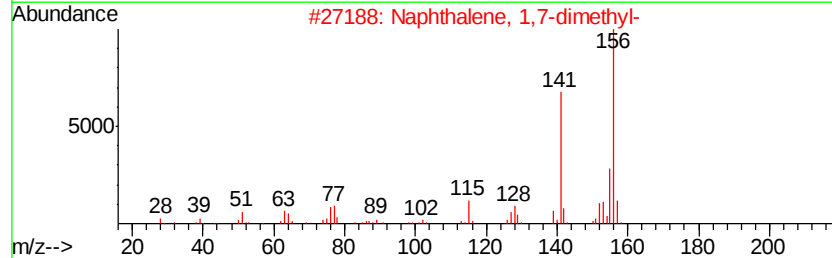
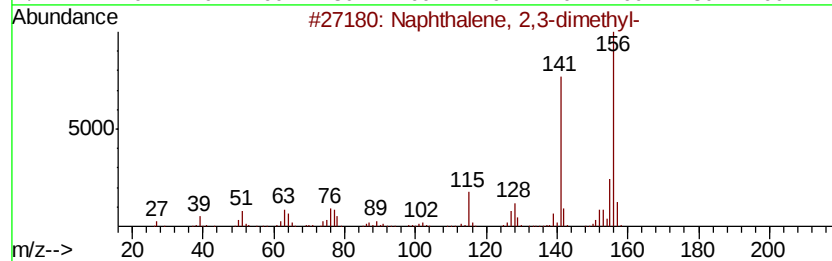
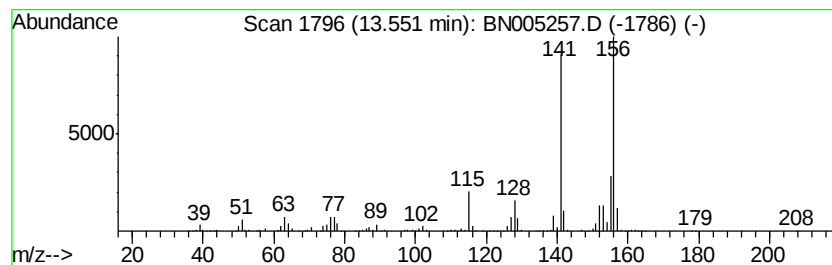
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TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	5.73 ng/ul	1693640	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 97
4		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97
5		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97



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Operator : JU/SJ
Sample : K2456-07
Misc :
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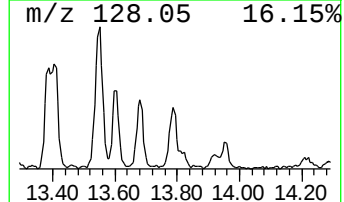
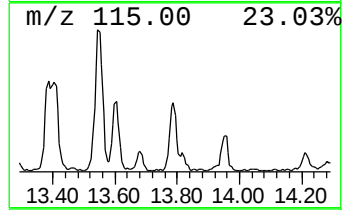
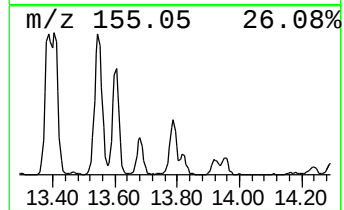
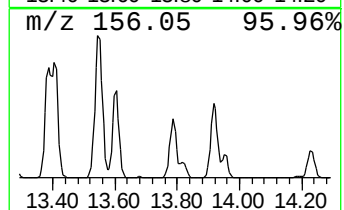
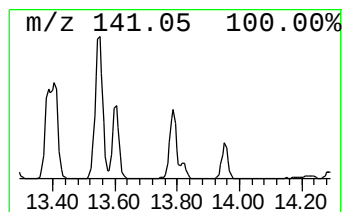
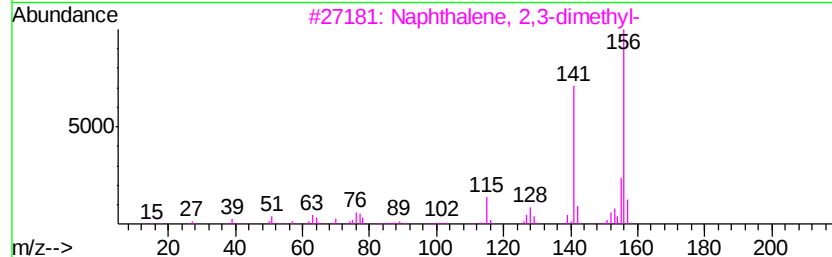
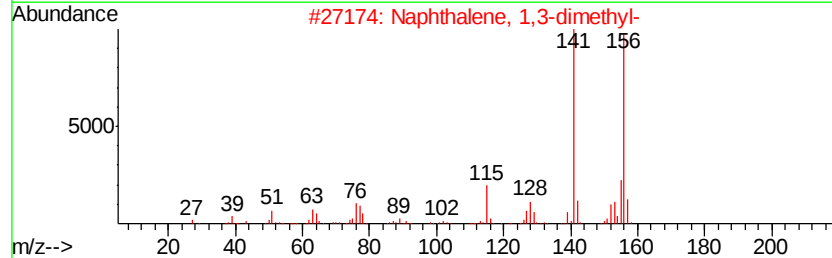
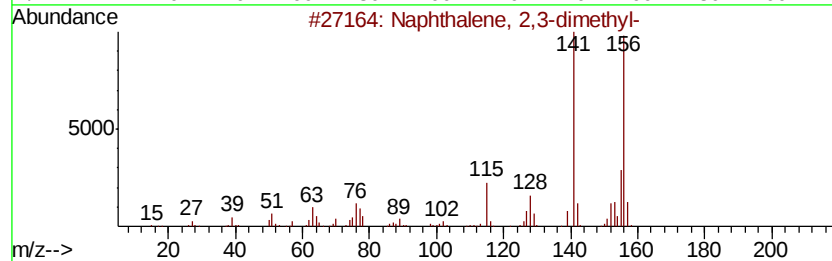
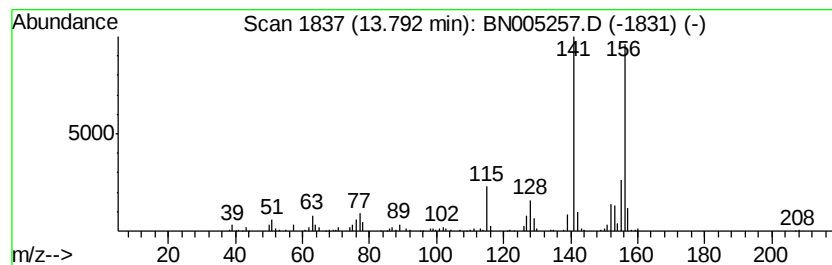
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Naphthalene, 1,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	2.32 ng/ul	684905	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, 1,3-dimethyl-	156 C12H12	000575-41-7	98
3	Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8	97
4	Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9	97
5	Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1	97



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Sample : K2456-07
Misc :
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Instrument :
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ClientSampleId :
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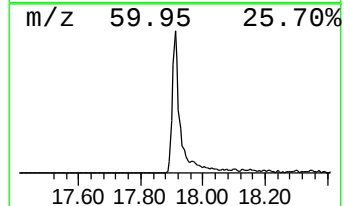
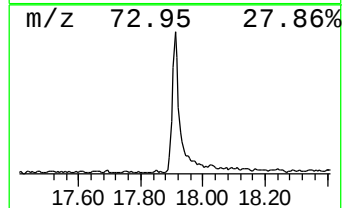
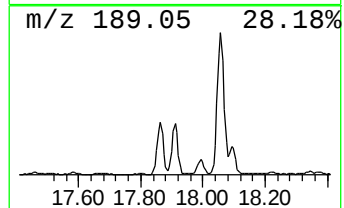
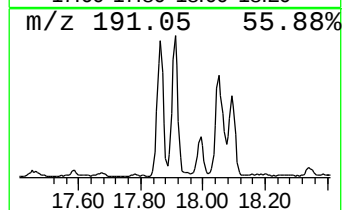
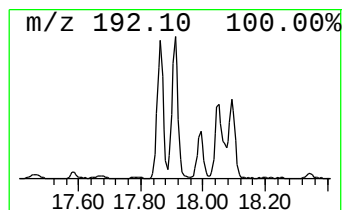
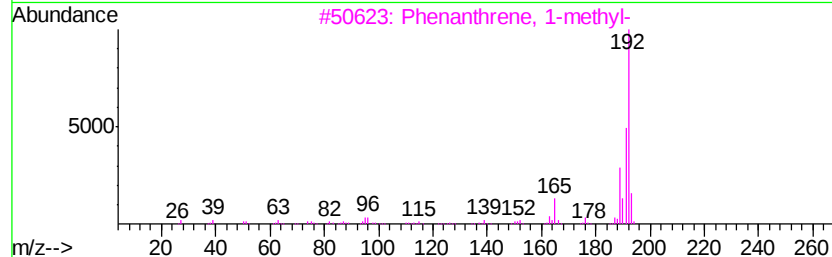
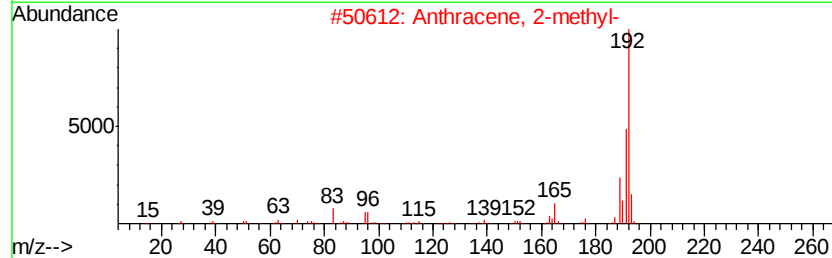
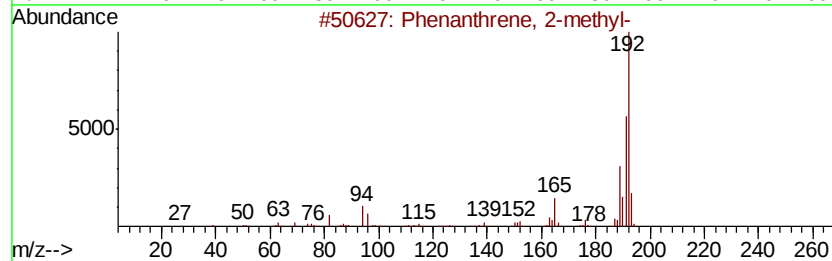
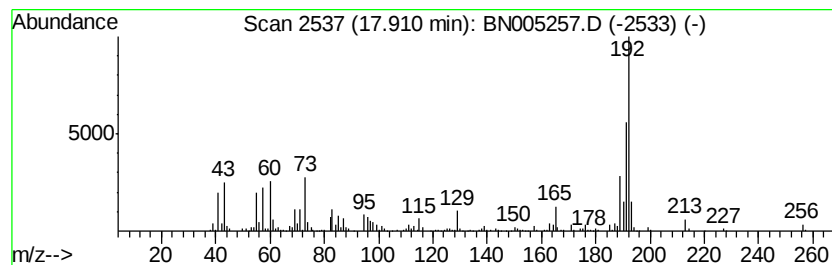
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.91	4.30 ng/ul	1359440	Phenanthrene-d10	16.98

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4		1H-Cyclopropa[1,1]phenanthrene, 1a,...	192	C15H12	000949-41-7	96
5		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042419\
Data File : BN005257.D
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Sample : K2456-07
Misc :
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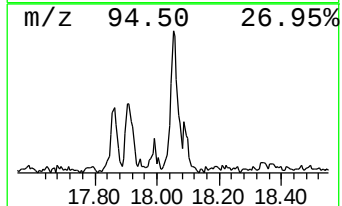
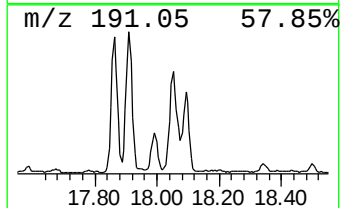
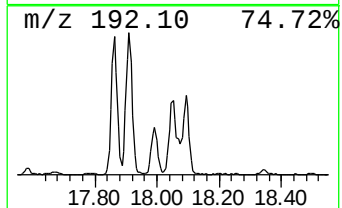
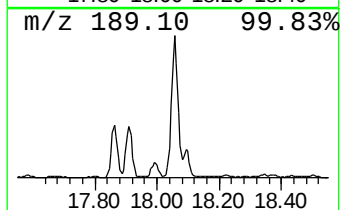
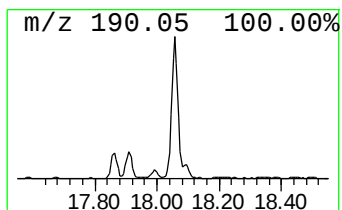
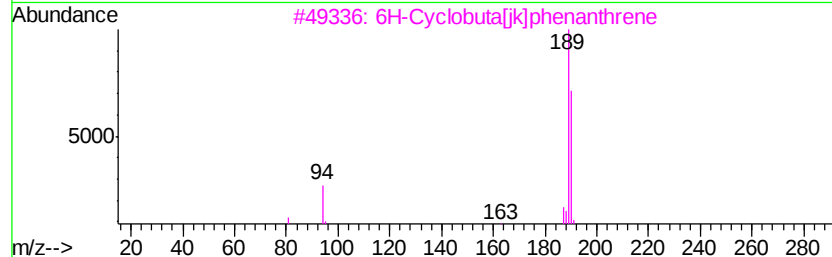
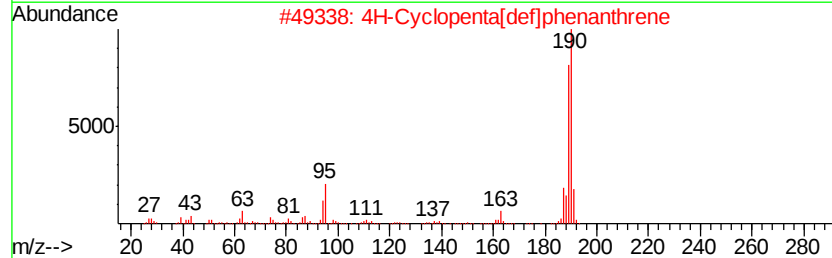
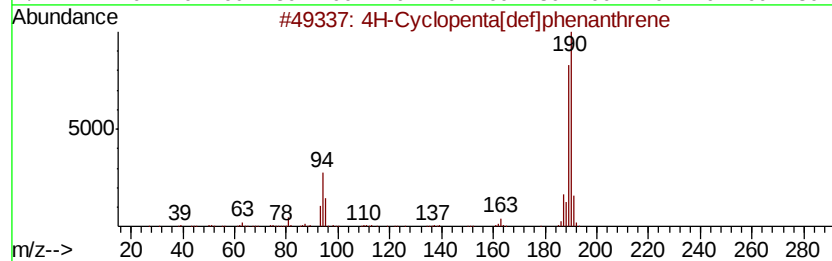
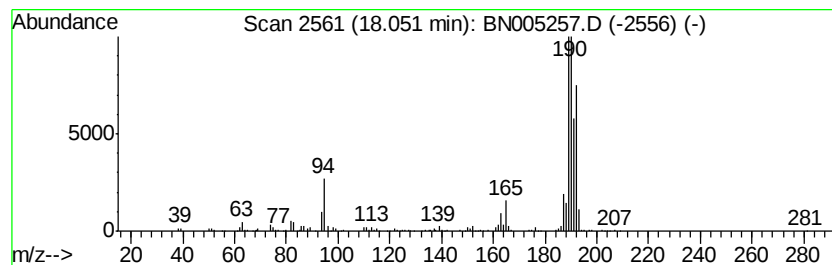
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.05	3.14 ng/ul	992587	Phenanthrene-d10	16.98

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
3		6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	49
4		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	43
5		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38



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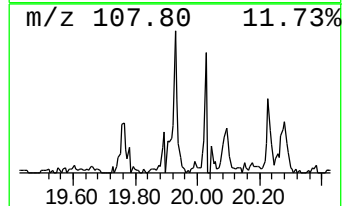
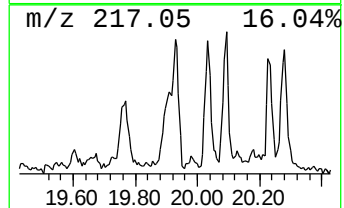
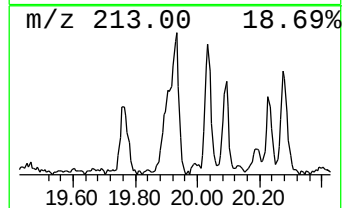
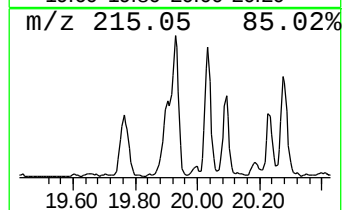
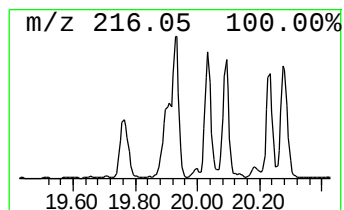
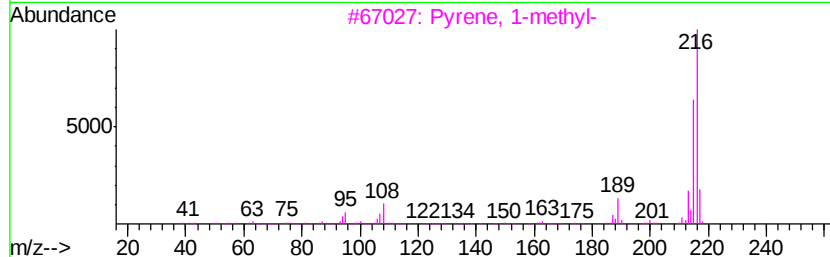
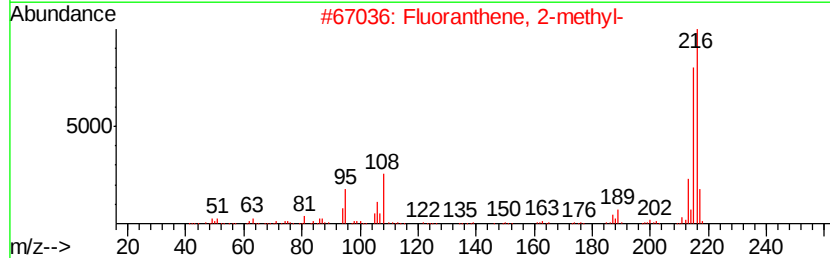
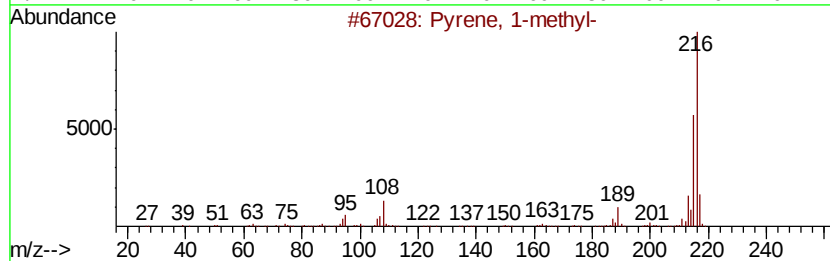
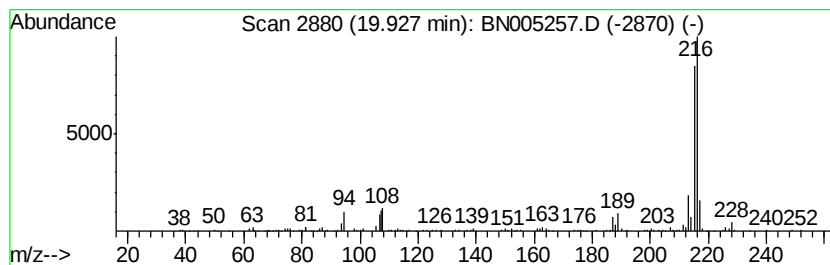
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Pyrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.93	2.19 ng/ul	668423	Chrysene-d12	21.22
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pyrene, 1-methyl-	216 C17H12	002381-21-7 94
2		Fluoranthene, 2-methyl-	216 C17H12	033543-31-6 91
3		Pyrene, 1-methyl-	216 C17H12	002381-21-7 91
4		11H-Benzo[alfluorene	216 C17H12	000238-84-6 90
5		Pyrene, 2-methyl-	216 C17H12	003442-78-2 89



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005257.D
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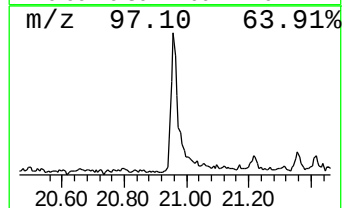
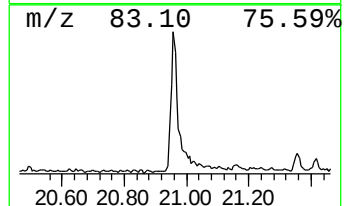
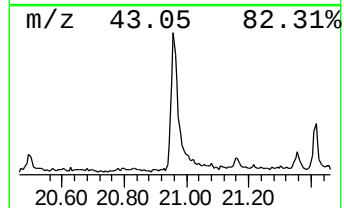
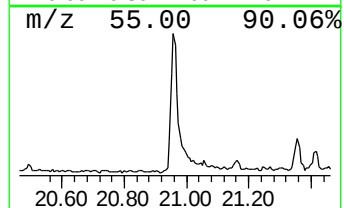
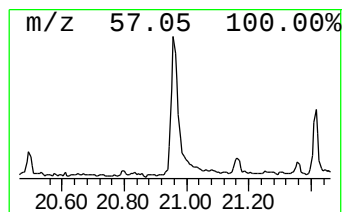
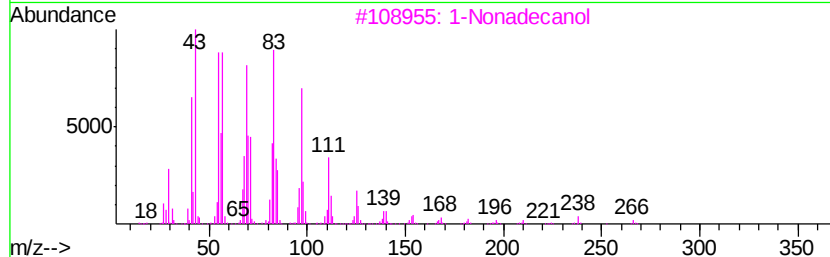
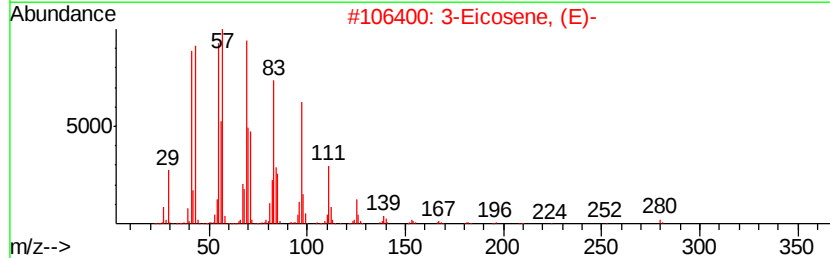
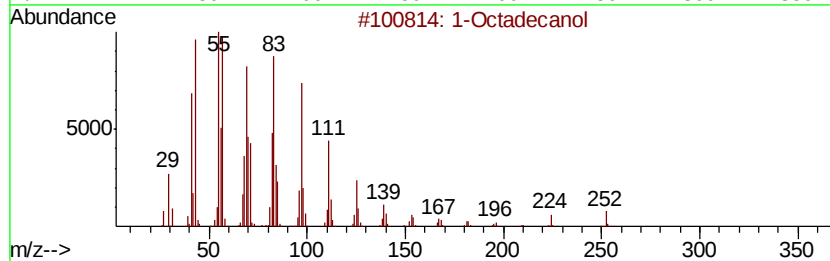
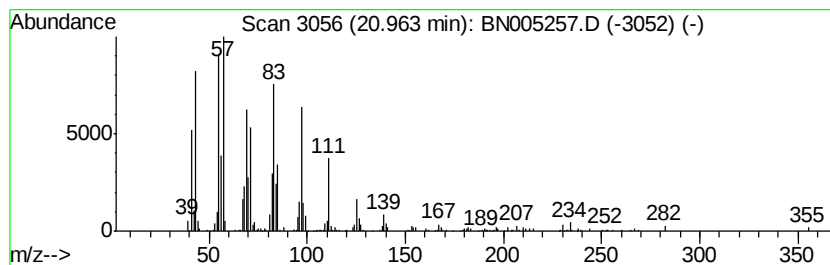
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 1-Octadecanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.96	3.04 ng/ul	927669	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Octadecanol	270	C18H38O	000112-92-5	94
2		3-Eicosene, (E)-	280	C20H40	074685-33-9	91
3		1-Nonadecanol	284	C19H40O	001454-84-8	91
4		3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	91
5		1-Nonadecene	266	C19H38	018435-45-5	87



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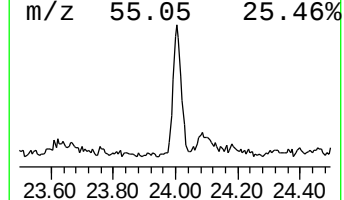
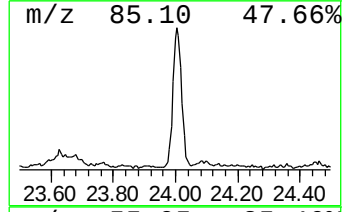
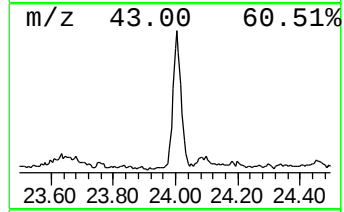
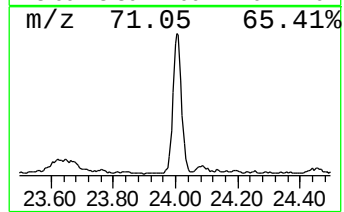
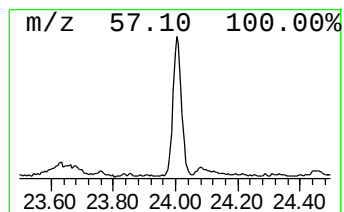
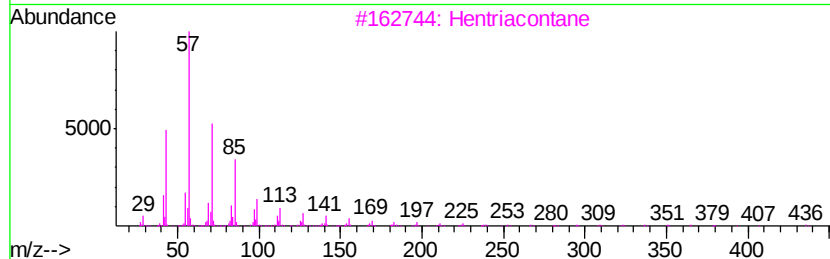
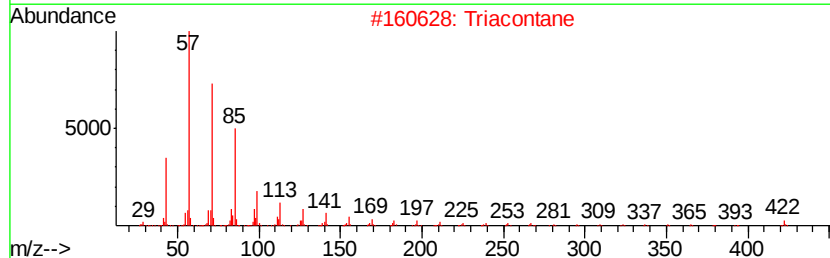
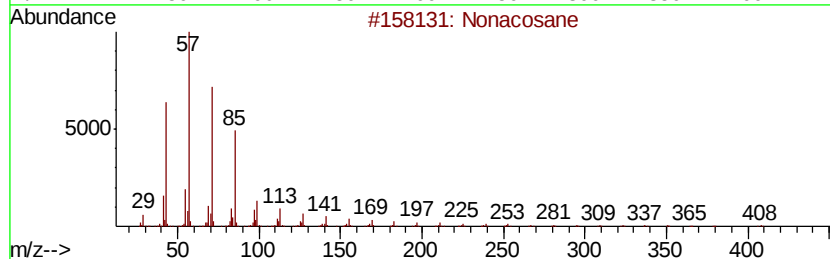
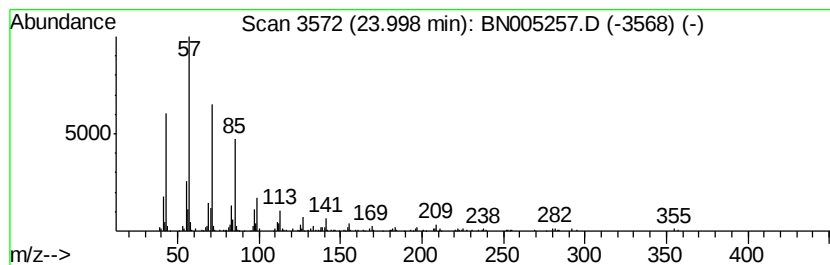
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.00	2.46 ng/ul	612546	Perylene-d12	23.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonacosane	408	C29H60	000630-03-5	90
2		triacontane	422	C30H62	000638-68-6	90
3		Hentriacontane	437	C31H64	000630-04-6	90
4		Octacosane	394	C28H58	000630-02-4	90
5		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	87



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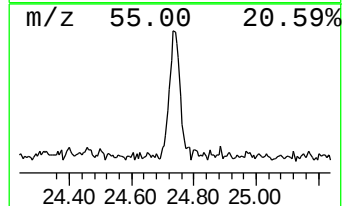
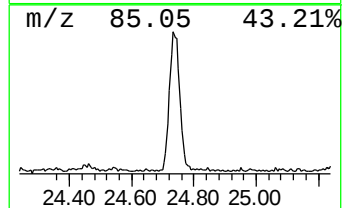
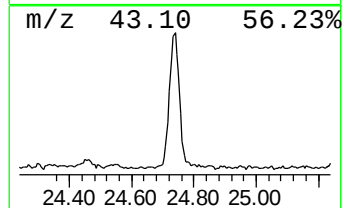
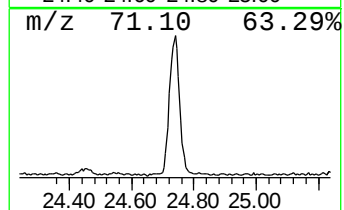
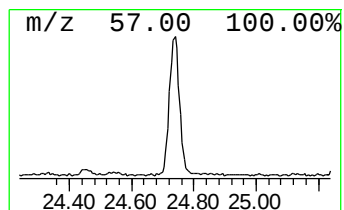
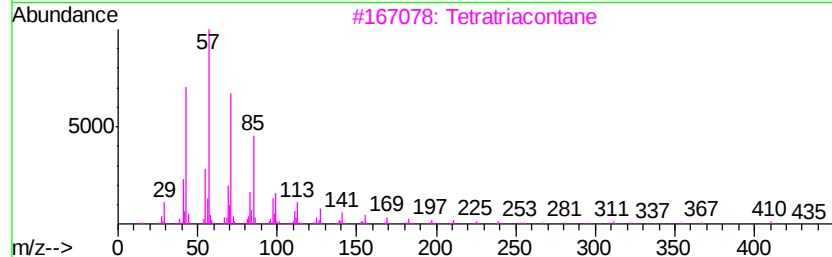
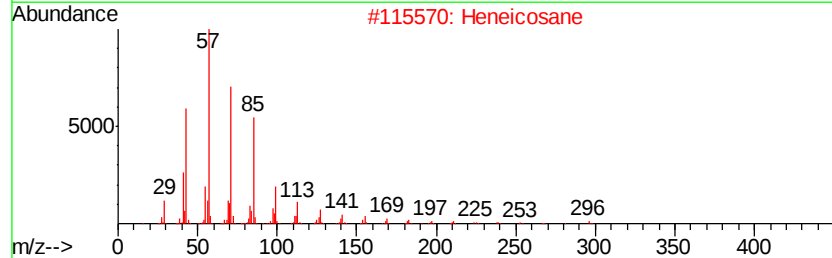
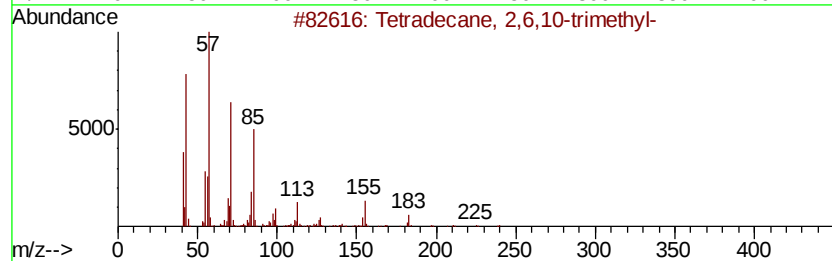
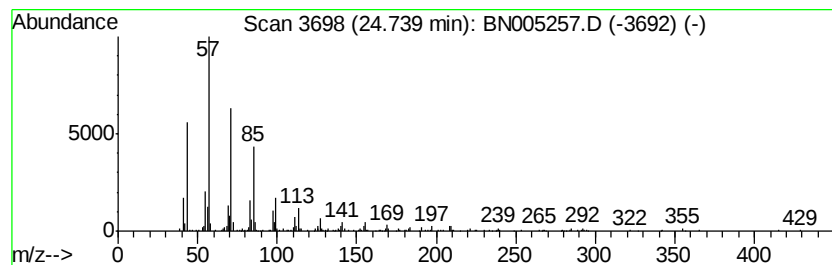
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.74	2.22 ng/ul	553047	Perylene-d12	23.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	93
2		Heneicosane	296	C21H44	000629-94-7	90
3		Tetratriacontane	479	C34H70	014167-59-0	90
4		Octacosane	394	C28H58	000630-02-4	90
5		Docosane	310	C22H46	000629-97-0	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042419\
Data File : BN005257.D
Acq On : 24 Apr 2019 19:18
Operator : JU/SJ
Sample : K2456-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHP5

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
Naphthalene, 1-me...	12.25	16.7	ng/ul	3675670	2	10.36	4413650	20.0
Naphthalene, 2,6-...	13.39	3.4	ng/ul	1006160	3	14.23	5915780	20.0
Naphthalene, 2,3-...	13.55	5.7	ng/ul	1693640	3	14.23	5915780	20.0
Naphthalene, 1,6-...	13.79	2.3	ng/ul	684905	3	14.23	5915780	20.0
Phenanthrene, 2-m...	17.91	4.3	ng/ul	1359440	4	16.98	6316290	20.0
4H-Cyclopenta[def...	18.05	3.1	ng/ul	992587	4	16.98	6316290	20.0
Pyrene, 1-methyl-	19.93	2.2	ng/ul	668423	5	21.22	6099100	20.0
1-Octadecanol	20.96	3.0	ng/ul	927669	5	21.22	6099100	20.0
(DEL) Alkane: Str...	24.00	2.5	ng/ul	612546	6	23.42	4981190	20.0
(DEL) Alkane: Str...	24.74	2.2	ng/ul	553047	6	23.42	4981190	20.0