LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050219\
Data File : BN005439.D
Acq On : 03 May 2019 05:22
Operator : JU/SJ
Sample : K2603-10 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ62

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.169	365	371	380	rVB	787396	1145713	1.85%	0.221%
2	5.651	444	453	461	rBV	611867	1015945	1.64%	0.196%
3	7.251	717	725	732	rVV2	1435497	2662027	4.29%	0.514%
4	7.592	774	783	793	rBV	1377511	2318748	3.74%	0.448%
5	8.122	862	873	880	rBV	6999710	11595294	18.70%	2.238%
6	8.810	986	990	994	rBV	703678	954166	1.54%	0.184%
7	9.792	1147	1157	1162	rBV4	1225525	3204972	5.17%	0.619%
8	9.857	1162	1168	1173	rBV	947152	1816951	2.93%	0.351%
9	10.351	1244	1252	1256	rVV2	2941440	5924976	9.56%	1.143%
10	10.428	1256	1265	1270	rVV2	28814735	61998587	100.00%	11.965%
11	10.528	1277	1282	1287	rVV2	1174590	2029213	3.27%	0.392%
12	11.286	1402	1411	1417	rBV4	414537	927835	1.50%	0.179%
13	11.392	1417	1429	1434	rBV	1023083	2018183	3.26%	0.389%
14	11.798	1492	1498	1505	rBV	1572801	2434283	3.93%	0.470%
15	12.033	1528	1538	1545	rVB	15767635	27412817	44.22%	5.290%
16	12.251	1563	1575	1584	rVV	10308913	17337233	27.96%	3.346%
17	12.492	1611	1616	1622	rVB3	490991	966189	1.56%	0.186%
18	12.769	1659	1663	1668	rVB	962585	1243341	2.01%	0.240%
19	13.051	1704	1711	1720	rBV2	2605373	4703310	7.59%	0.908%
20	13.251	1738	1745	1761	rVB	2826836	5420162	8.74%	1.046%
21	13.386	1761	1768	1769	rBV	2898886	4397733	7.09%	0.849%
22	13.545	1788	1795	1800	rVV	4921769	9035368	14.57%	1.744%
23	13.598	1800	1804	1809	rVV	3276896	5043261	8.13%	0.973%
24	13.686	1815	1819	1822	rVV2	438722	929351	1.50%	0.179%
25	13.727	1822	1826	1830	rVV2	1088930	1680041	2.71%	0.324%
26	13.780	1830	1835	1839	rVV2	2458479	4293609	6.93%	0.829%
27	13.945	1853	1863	1872	rVB	6797772	10723882	17.30%	2.070%
28	14.227	1902	1911	1916	rBV4	3091363	6738816	10.87%	1.301%
29	14.292	1916	1922	1931	rVB	7713267	12000605	19.36%	2.316%
30	14.445	1942	1948	1957	rVB	728208	1743293	2.81%	0.336%
31	14.627	1969	1979	1987	rBV2	2104626	4663638	7.52%	0.900%
32	14.710	1987	1993	1997	rBV	1467967	2032675	3.28%	0.392%
33	14.769	2000	2003	2009	rVB	770967	1059436	1.71%	0.204%
34	14.845	2009	2016	2022	rBV4	1289420	2905563	4.69%	0.561%

LSC Area Percent Report

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Acq On : 03 May 2019 05:22
Operator : JU/SJ
Sample : K2603-10 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ62

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 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

35	14.904	2022	2026	2030	rVB	1116633	1387198	2.24%	0.268%
36	15.021	2038	2046	2050	rBV3	826991	1960583	3.16%	0.378%
37	15.104	2055	2060	2065	rVB	1857453	2634358	4.25%	0.508%
38	15.221	2076	2080	2085	rVB2	1788352	2840277	4.58%	0.548%
39	15.286	2085	2091	2103	rBV	8535016	13824112	22.30%	2.668%
40	15.492	2121	2126	2128	rBV2	834466	1573407	2.54%	0.304%
41	15.574	2135	2140	2144	rBV	828726	1443397	2.33%	0.279%
42	15.692	2152	2160	2164	rBV	2645441	4144333	6.68%	0.800%
43	15.998	2208	2212	2216	rVB	791997	1105187	1.78%	0.213%
44	16.286	2254	2261	2266	rVV	1797052	3873462	6.25%	0.748%
45	16.339	2266	2270	2274	rVB	1277540	1706438	2.75%	0.329%
46	16.439	2282	2287	2292	rBV	1155344	1758916	2.84%	0.339%
47	16.645	2318	2322	2329	rVV2	905222	1335413	2.15%	0.258%
48	16.798	2342	2348	2357	rVV	2843612	4887282	7.88%	0.943%
49	16.980	2374	2379	2382	rBV	3069631	4760648	7.68%	0.919%
50	17.039	2382	2389	2393	rVV	24290045	39424299	63.59%	7.609%
51	17.115	2398	2402	2408	rVB	7469479	10268865	16.56%	1.982%
52	17.174	2408	2412	2415	rBV2	545958	968790	1.56%	0.187%
53	17.392	2445	2449	2461	rVB3	481970	1204871	1.94%	0.233%
54	17.504	2464	2468	2472	rVB	992067	1184130	1.91%	0.229%
55	17.562	2473	2478	2484	rBV2	1406649	2035515	3.28%	0.393%
56	17.704	2497	2502	2509	rVB2	1139137	2012885	3.25%	0.388%
57	17.862	2523	2529	2533	rVV	5284531	7767532	12.53%	1.499%
58	17.910	2533	2537	2543	rVV	5708282	7897413	12.74%	1.524%
59	17.992	2545	2551	2556	rBV	2146967	3069838	4.95%	0.592%
60	18.057	2556	2562	2566	rVV2	7044394	12929659	20.85%	2.495%
61	18.092	2566	2568	2575	rVB	3373737	4152282	6.70%	0.801%
62	18.368	2610	2615	2619	rBV	2683238	3596325	5.80%	0.694%
63	18.668	2662	2666	2669	rBV	788179	909116	1.47%	0.175%
64	18.792	2677	2687	2691	rBV2	2379948	4328189	6.98%	0.835%
65	18.851	2691	2697	2701	rBV3	1214500	2302611	3.71%	0.444%
66	18.886	2701	2703	2707	rVB	916869	903825	1.46%	0.174%
67	19.057	2726	2732	2738	rBV	11818361	17126939	27.62%	3.305%
68	19.209	2753	2758	2763	rVB	4254942	5507141	8.88%	1.063%
69	19.427	2785	2795	2804	rBV	15225464	24422558	39.39%	4.713%
70	19.509	2804	2809	2814	rVB3	542404	937879	1.51%	0.181%
71	19.756	2846	2851	2862	rBV2	1254088	2758513	4.45%	0.532%

LSC Area Percent Report

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Sample : K2603-10 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ62

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

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

72	19.898	2868	2875	2877	rBV2	1310677	2513150	4.05%	0.485%
73	19.927	2877	2880	2885	rVB	3356094	4414211	7.12%	0.852%
74	20.027	2893	2897	2903	rBV	2936419	3752710	6.05%	0.724%
75	20.086	2903	2907	2912	rBV	1970707	2482614	4.00%	0.479%
76	20.186	2919	2924	2927	rBV4	550962	914045	1.47%	0.176%
77	20.227	2927	2931	2935	rVV	1526430	2091640	3.37%	0.404%
78	20.274	2935	2939	2949	rVB	2159649	3479887	5.61%	0.672%
79	20.527	2978	2982	2985	rVV2	653555	999075	1.61%	0.193%
80	20.645	2997	3002	3005	rBV	496504	950562	1.53%	0.183%
81	20.851	3034	3037	3040	rVV	1047733	1330824	2.15%	0.257%
82	20.892	3040	3044	3047	rVV	1348367	1730053	2.79%	0.334%
83	20.927	3047	3050	3054	rVV	776901	1046886	1.69%	0.202%
84	21.198	3091	3096	3102	rBV3	7849864	15514616	25.02%	2.994%
85	21.251	3102	3105	3115	rVB	5498576	6841016	11.03%	1.320%
86	21.762	3186	3192	3197	rVV	1430196	2373645	3.83%	0.458%
87	21.809	3197	3200	3205	rVB	740255	989055	1.60%	0.191%
88	21.909	3214	3217	3221	rVV2	819718	1184885	1.91%	0.229%
89	21.956	3221	3225	3227	rVV2	853405	1228874	1.98%	0.237%
90	21.986	3227	3230	3236	rVB2	1251240	1729338	2.79%	0.334%
91	22.768	3356	3363	3373	rBV	2424596	7259794	11.71%	1.401%
92	22.927	3385	3390	3396	rVB	989772	1648657	2.66%	0.318%
93	23.227	3435	3441	3446	rBV	1878940	3304783	5.33%	0.638%
94	23.321	3451	3457	3464	rVV	3812430	6823326	11.01%	1.317%
95	23.409	3466	3472	3477	rVV	2371625	4448552	7.18%	0.859%
96	23.462	3477	3481	3488	rVB2	671846	1423480	2.30%	0.275%
97	24.256	3610	3616	3622	rBV2	445147	894300	1.44%	0.173%
98	25.591	3836	3843	3856	rVB2	1157598	3240130	5.23%	0.625%
99	26.256	3948	3956	3976	rVB	932206	2858396	4.61%	0.552%
100	26.603	4009	4015	4028	rVB	431864	1363642	2.20%	0.263%

Sum of corrected areas: 518153548

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050219\
Data File : BN005439.D
Acq On : 03 May 2019 05:22
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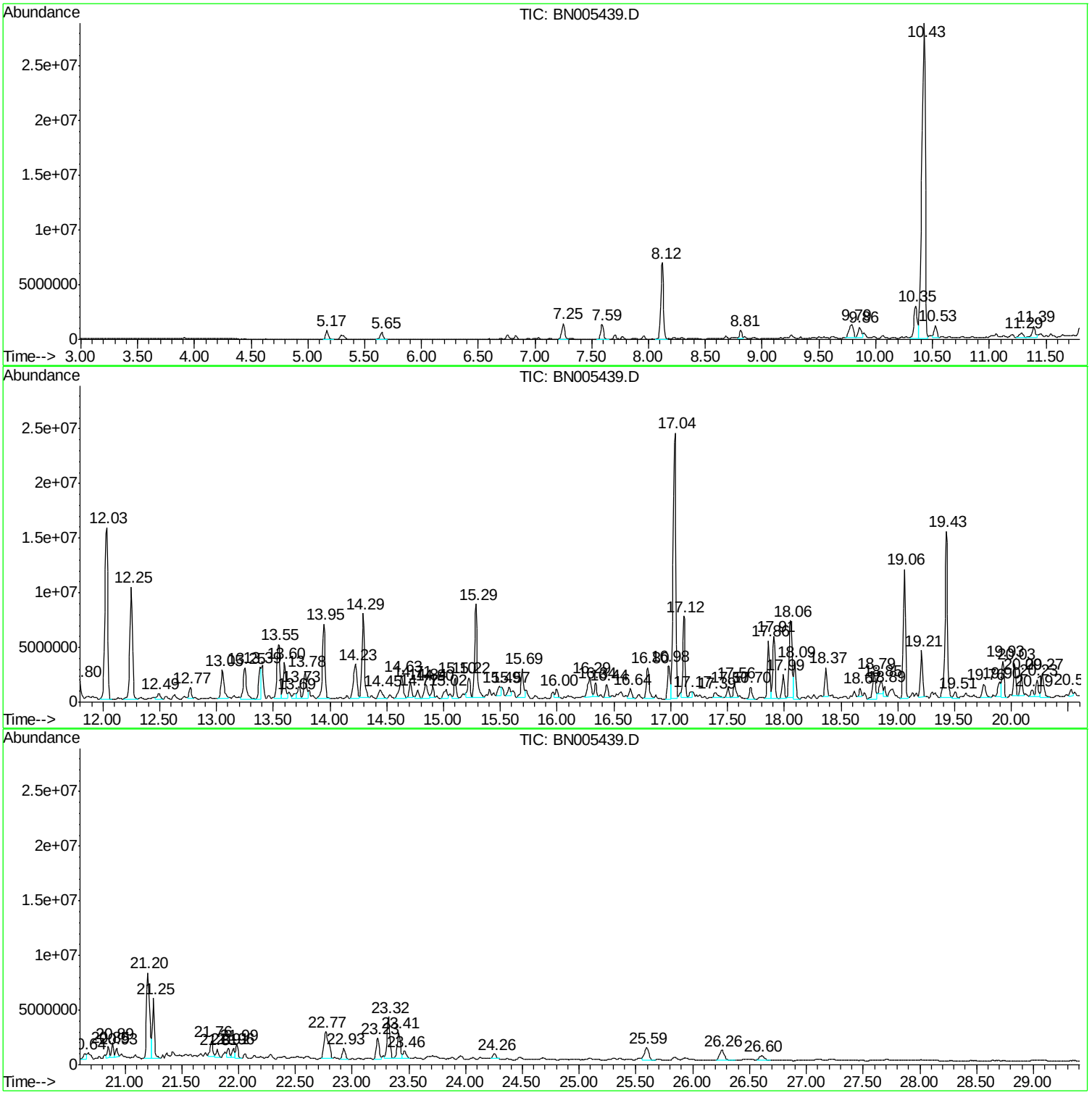
Sample : K2603-10 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ62

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050219\
Data File : BN005439.D
Acq On : 03 May 2019 05:22
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Instrument : BNA_N
ClientSampleId : GAJ62

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

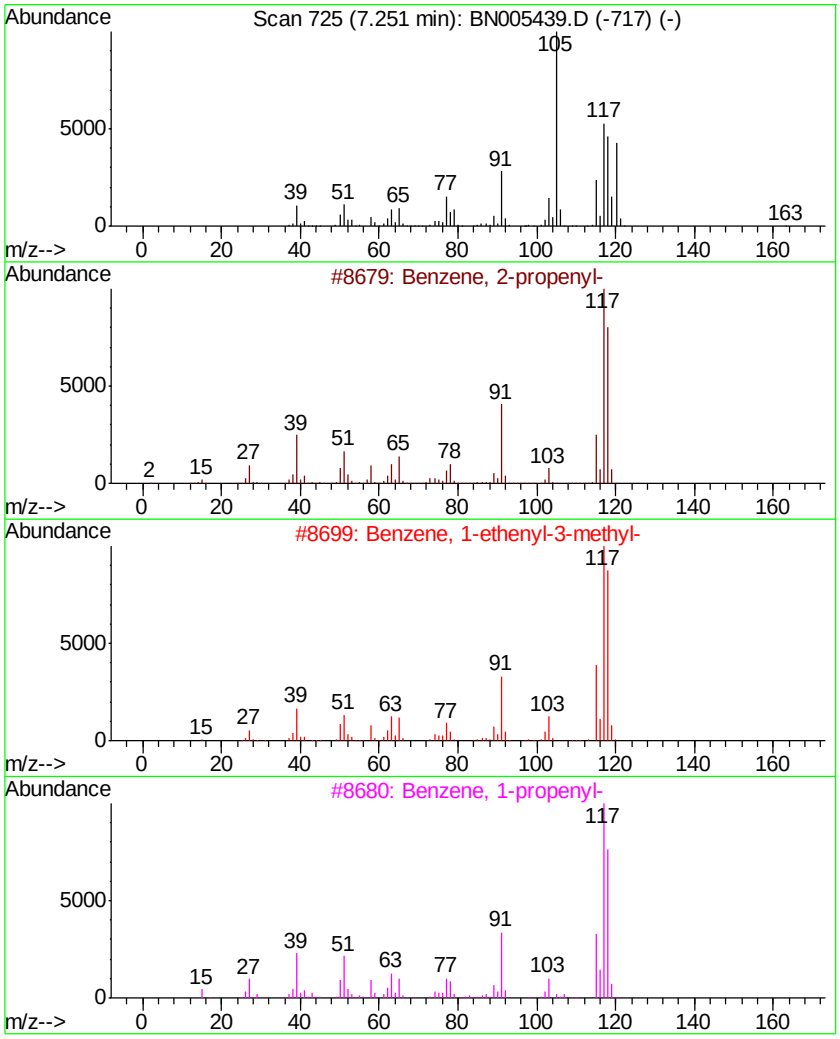
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

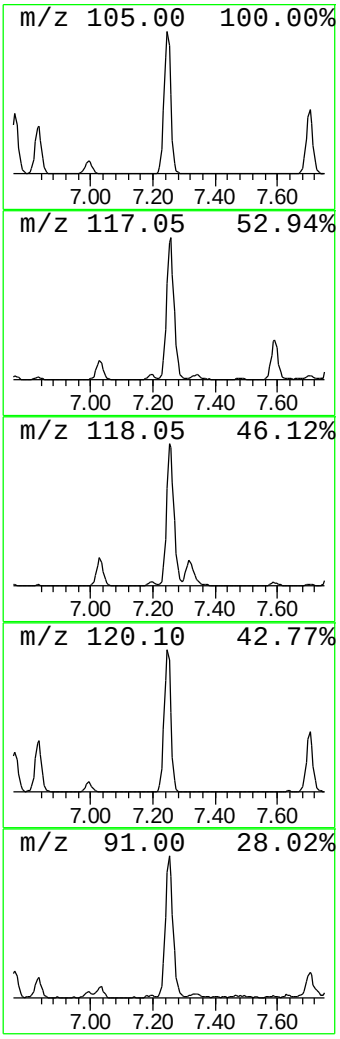
****

Peak Number 3 Benzene, 2-propenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	22.96 ng/ul	2662030	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-propenyl-	118	C9H10	000300-57-2	83
2	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	50
3	Benzene, 1-propenyl-	118	C9H10	000637-50-3	46
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	46
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	46





Library Search Compound Report

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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ62

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

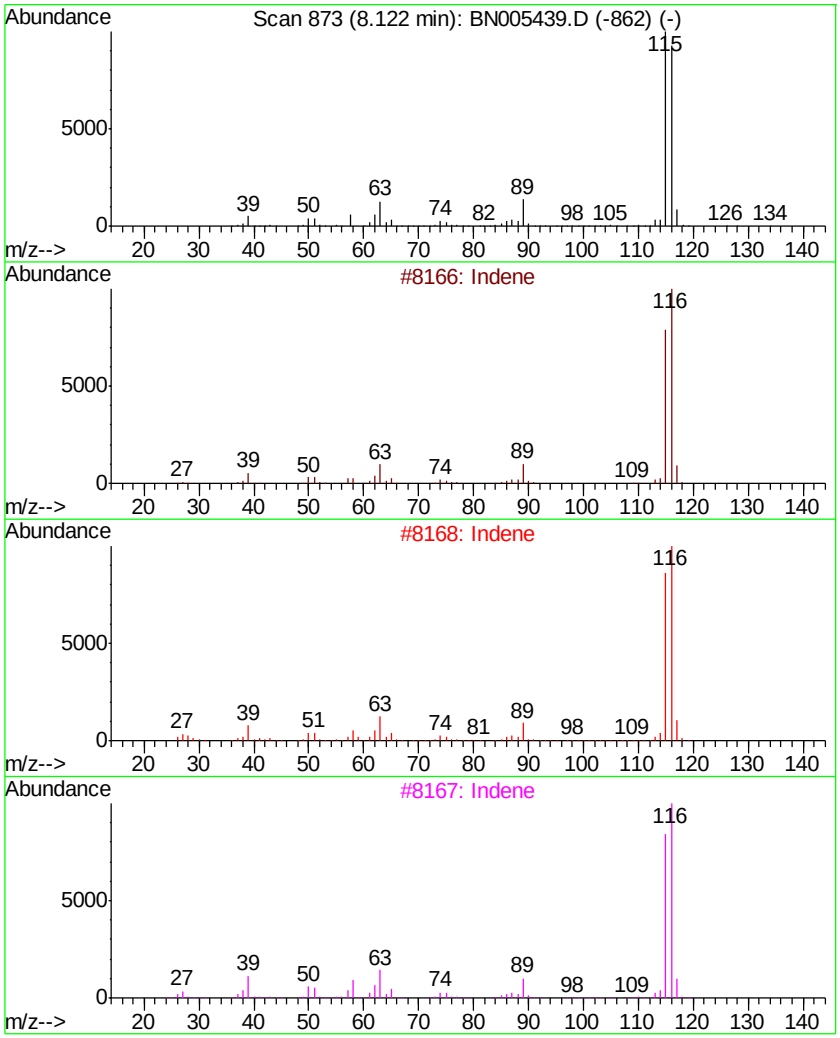
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

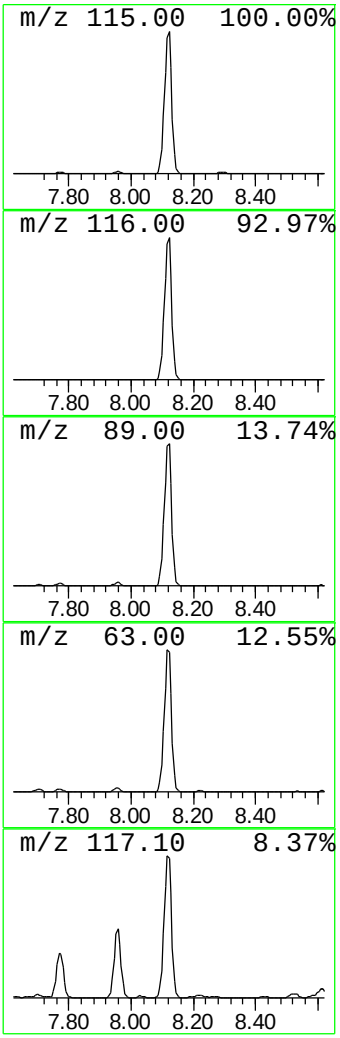
****

Peak Number 4 Indene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.12	100.01 ng/ul	11595300	1,4-Dichlorobenzene-d4	7.59

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





Library Search Compound Report

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Instrument : BNA_N
ClientSampleId : GAJ62

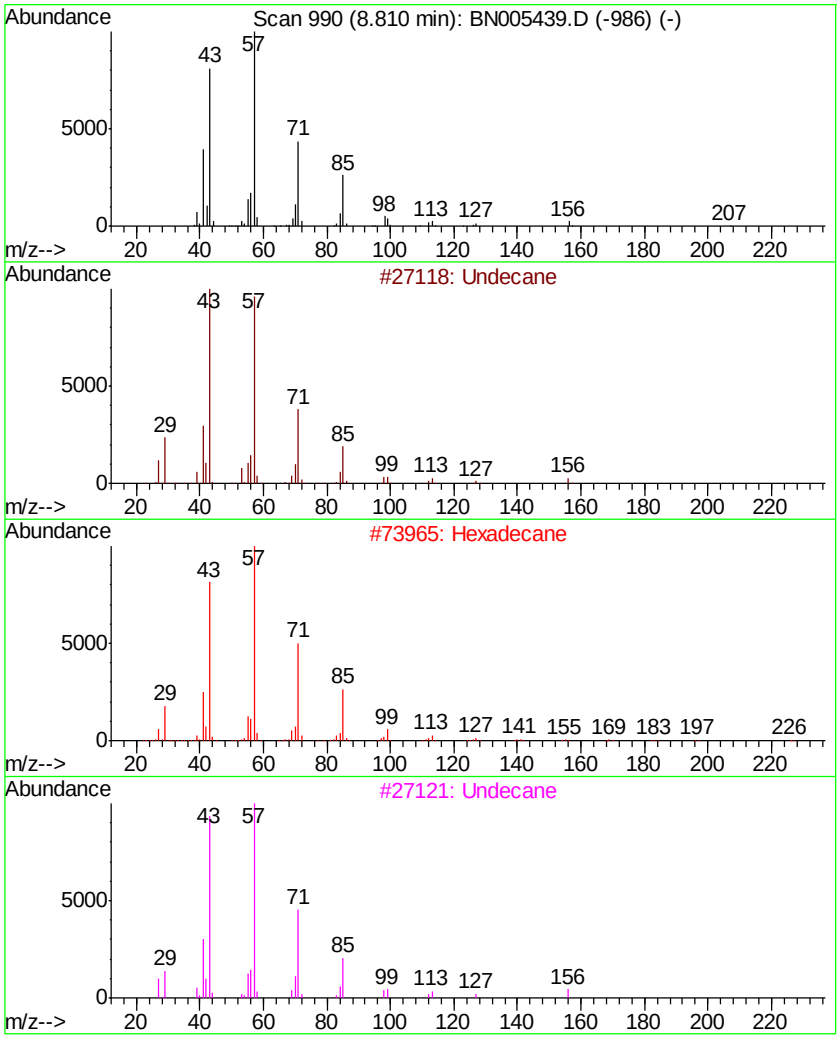
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

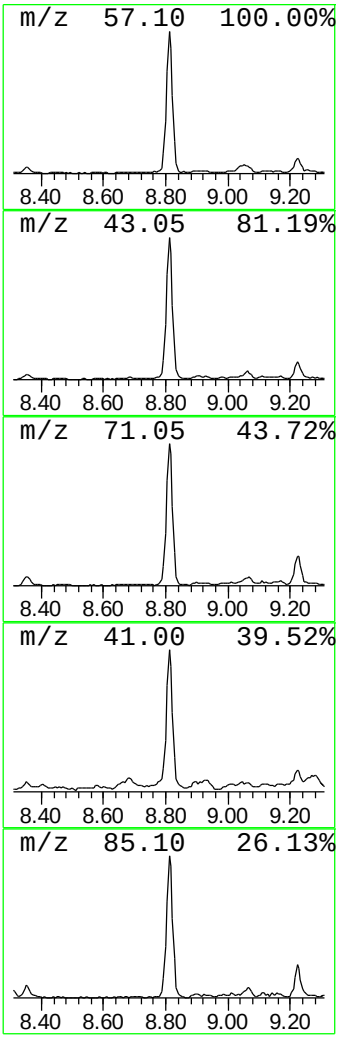
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.81	8.23 ng/ul	954166	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	93
2	Hexadecane	226	C16H34	000544-76-3	90
3	Undecane	156	C11H24	001120-21-4	87
4	Tridecane	184	C13H28	000629-50-5	86
5	Tridecane	184	C13H28	000629-50-5	83





Library Search Compound Report

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Instrument : BNA_N
ClientSampleId : GAJ62

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

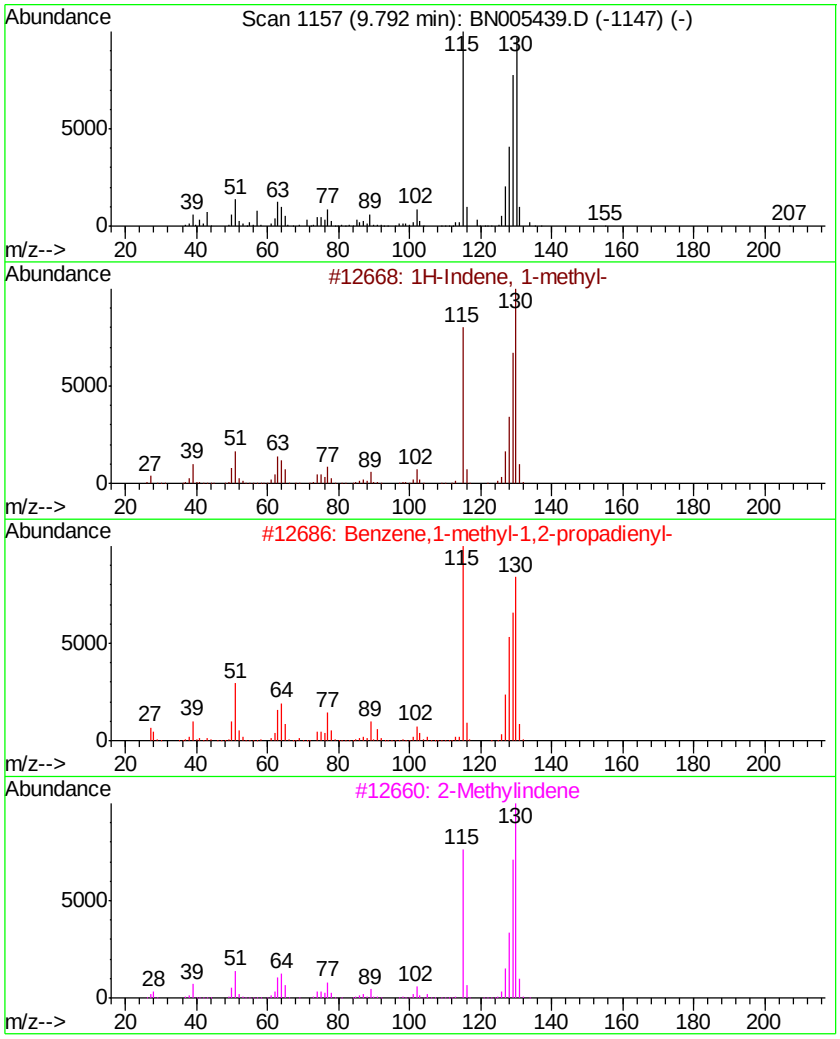
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

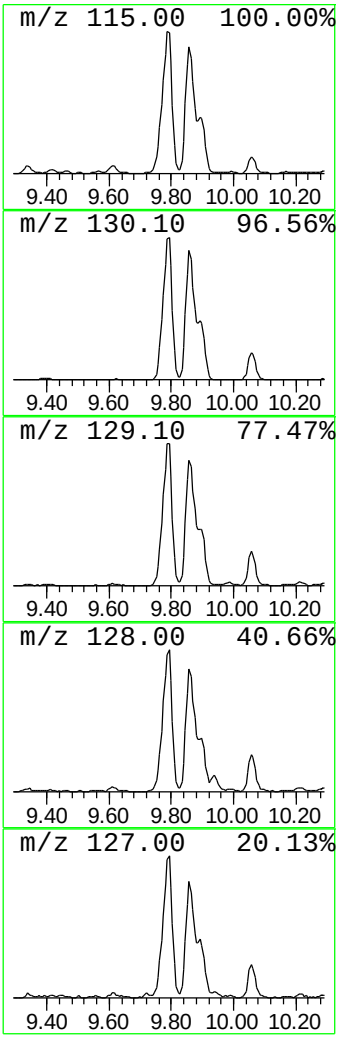
****

Peak Number 6 1H-Indene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	10.82 ng/ul	3204970	Naphthalene-d8	10.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	95
2	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	94
3	2-Methylindene	130	C10H10	002177-47-1	93
4	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	93
5	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	93





Library Search Compound Report

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Sample : K2603-10 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ62

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

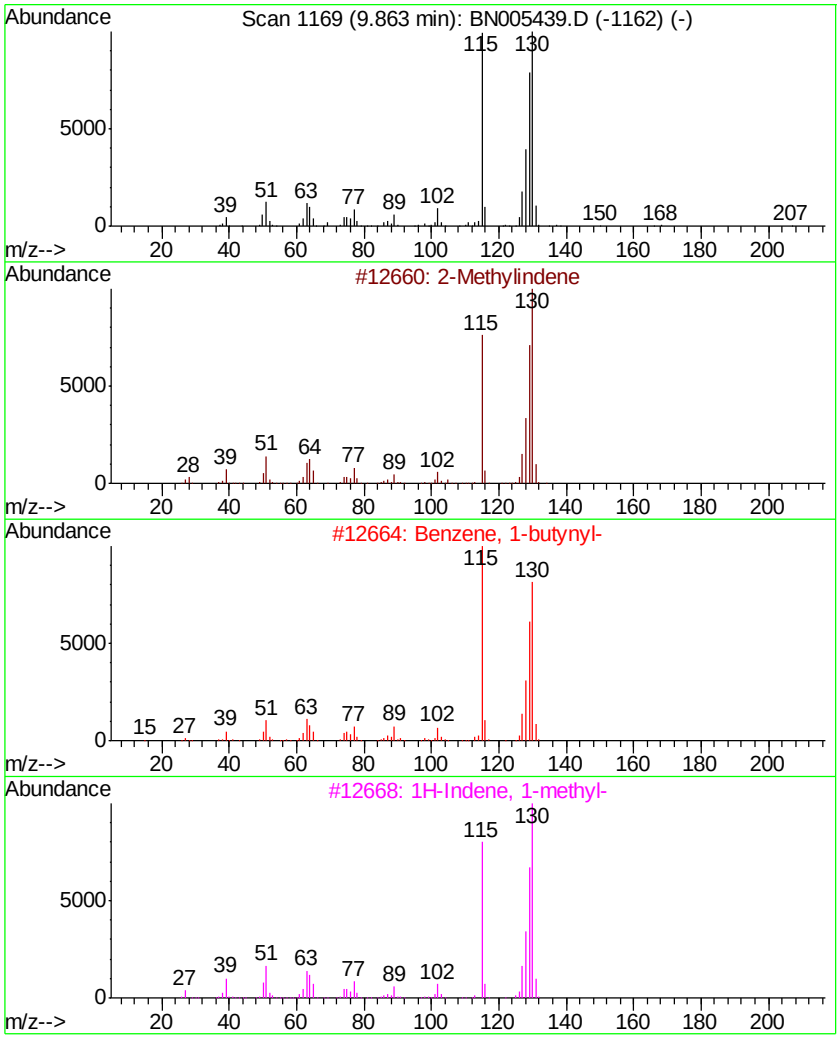
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

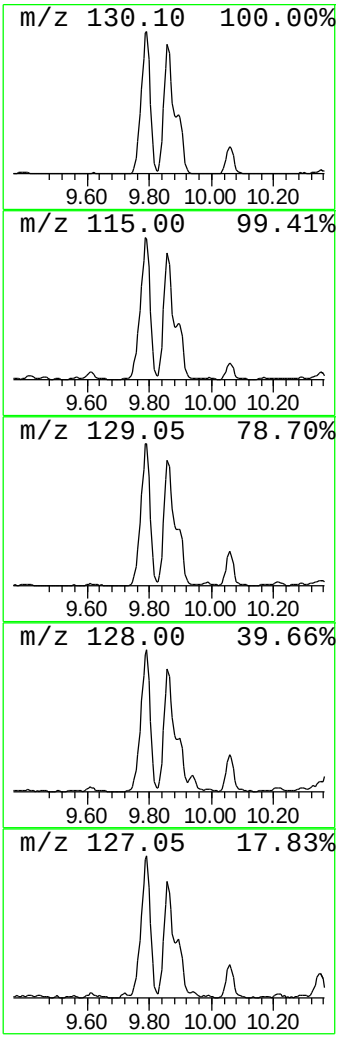
****

Peak Number 7 2-Methylindene Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.86	6.13 ng/ul	1816950	Naphthalene-d8	10.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	96
2	Benzene, 1-butynyl-	130	C10H10	000622-76-4	95
3	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	94
4	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	91
5	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	91





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Acq On : 03 May 2019 05:22
Operator : JU/SJ
Sample : K2603-10 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ62

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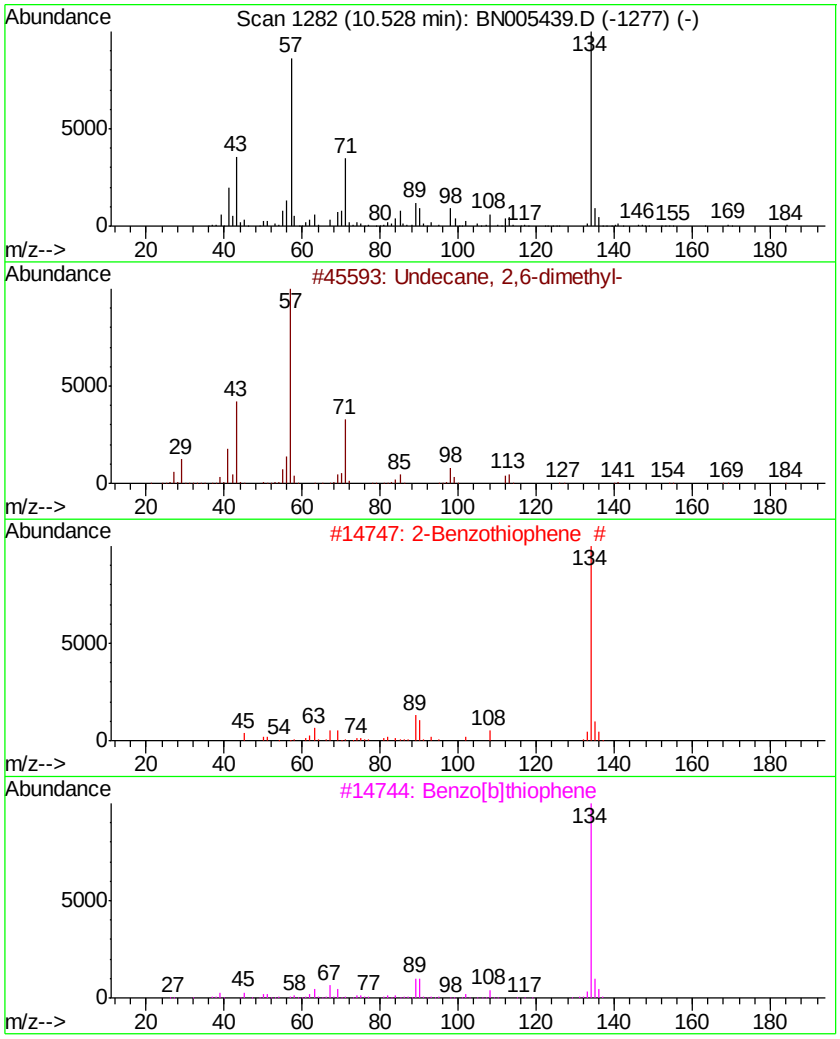
Quant Title : SVOA CALIBRATION

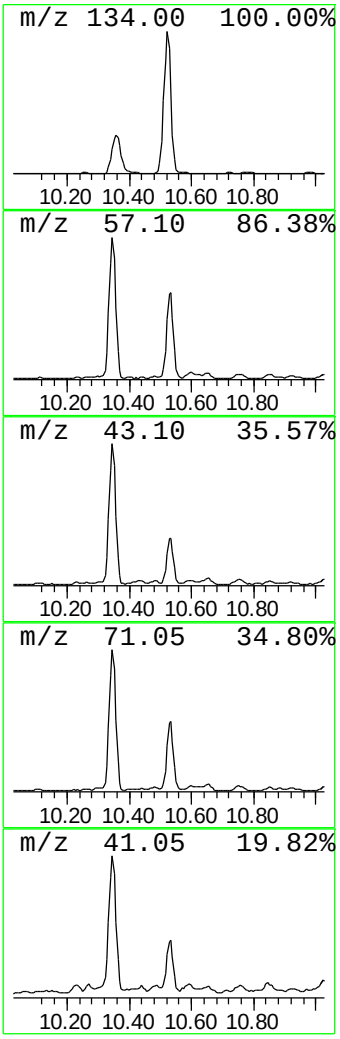
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.53	6.85 ng/ul	2029210	Naphthalene-d8	10.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	78
2	2-Benzothiophene #	134	C8H6S	000270-82-6	64
3	Benzo[b]thiophene	134	C8H6S	000095-15-8	64
4	Benzo[b]thiophene	134	C8H6S	000095-15-8	58
5	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	58





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Misc :
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Instrument : BNA_N
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Quant Title : SVOA CALIBRATION

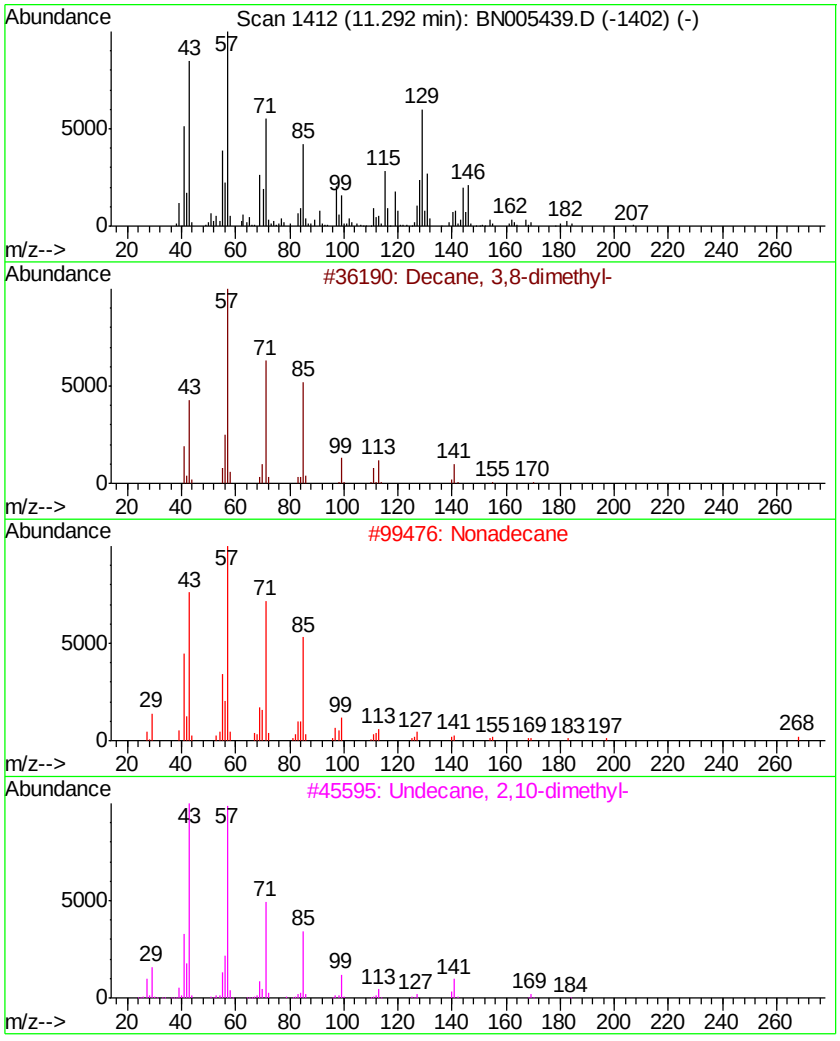
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

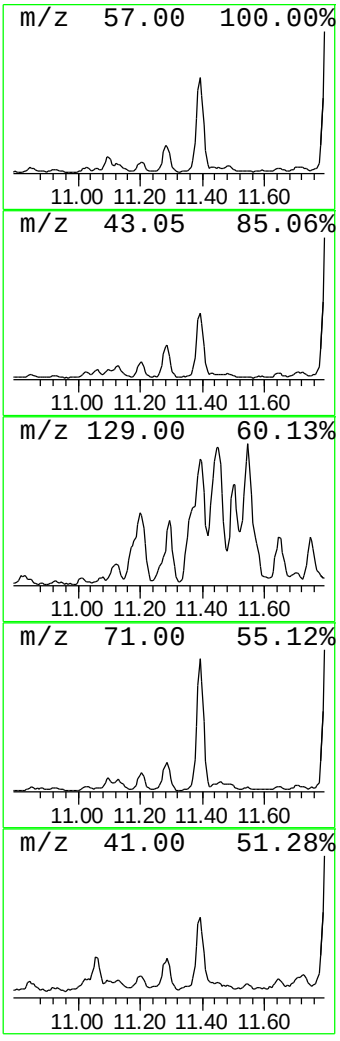
****

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	3.13 ng/ul	927835	Naphthalene-d8	10.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	53
2	Nonadecane	268	C19H40	000629-92-5	53
3	Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	53
4	Tridecane	184	C13H28	000629-50-5	49
5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	49





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Misc :
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Instrument : BNA_N
ClientSampleId : GAJ62

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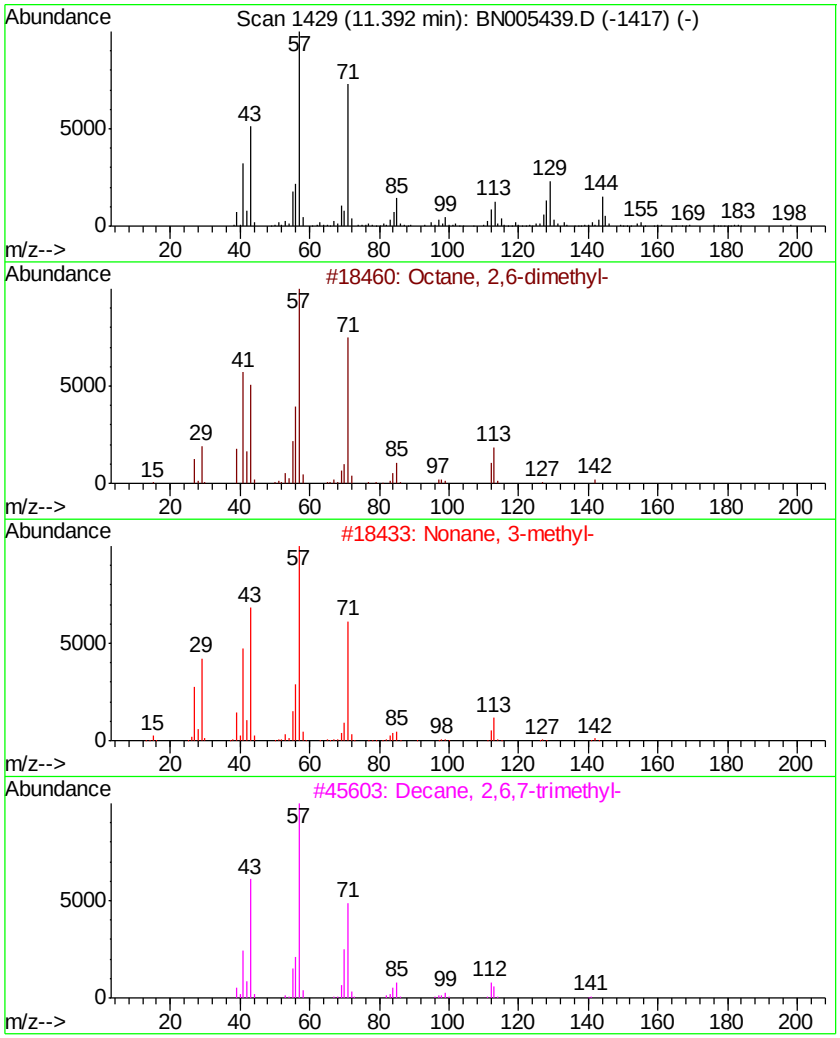
Quant Title : SVOA CALIBRATION

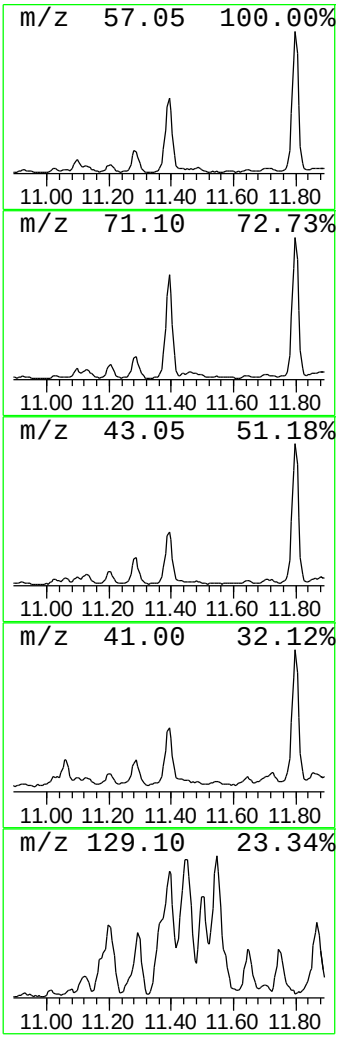
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.39	6.81 ng/ul	2018180	Naphthalene-d8	10.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	60
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	53
3	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	52
4	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	47
5	Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	46





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Misc :
ALS Vial : 24 Sample Multiplier: 1

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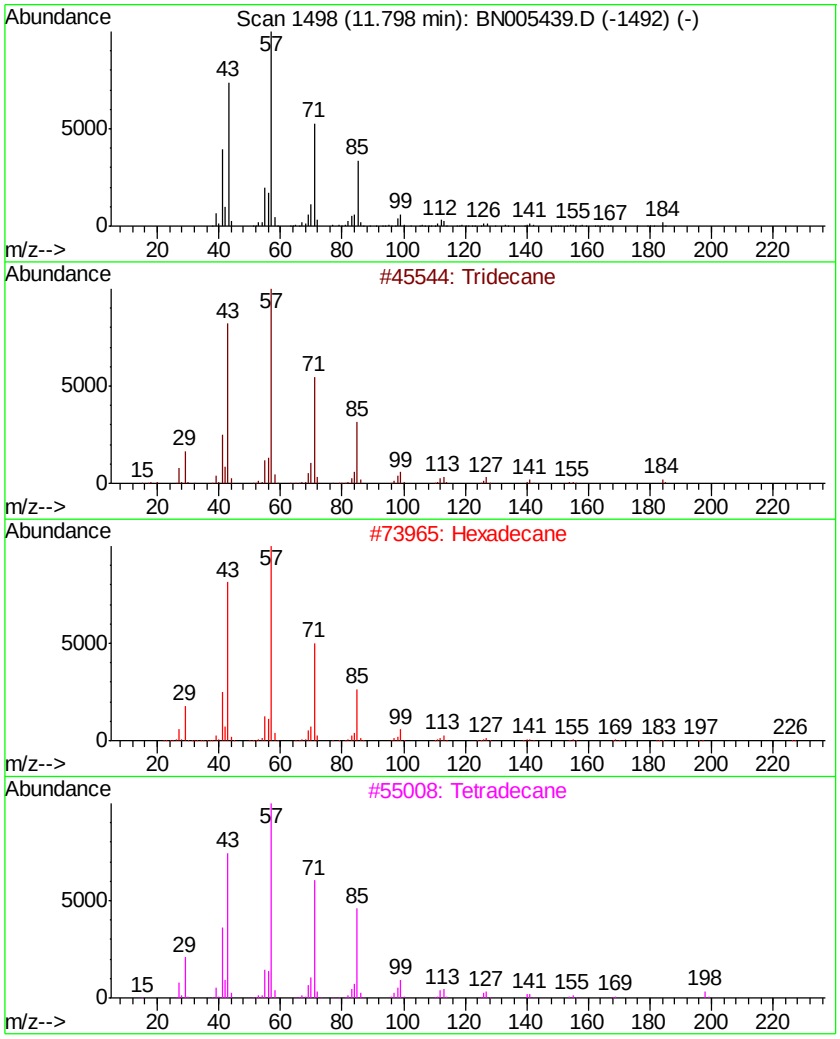
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

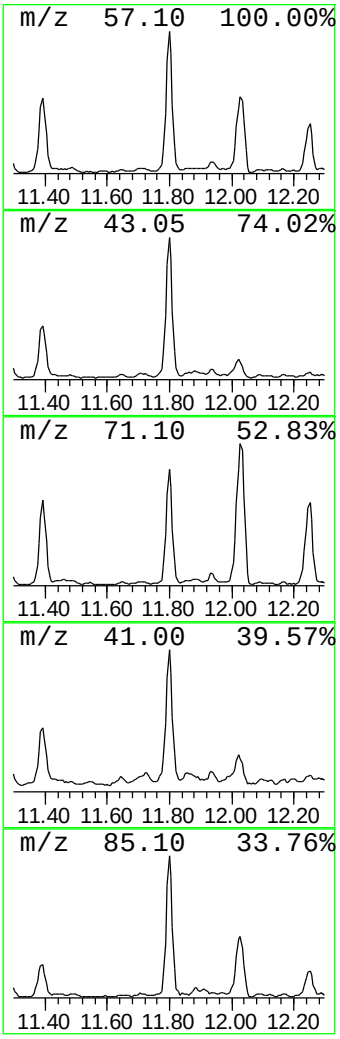
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	8.22 ng/ul	2434280	Naphthalene-d8	10.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	94
2	Hexadecane	226	C16H34	000544-76-3	90
3	Tetradecane	198	C14H30	000629-59-4	90
4	Tridecane	184	C13H28	000629-50-5	89
5	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	78





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Instrument : BNA_N
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Quant Title : SVOA CALIBRATION

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

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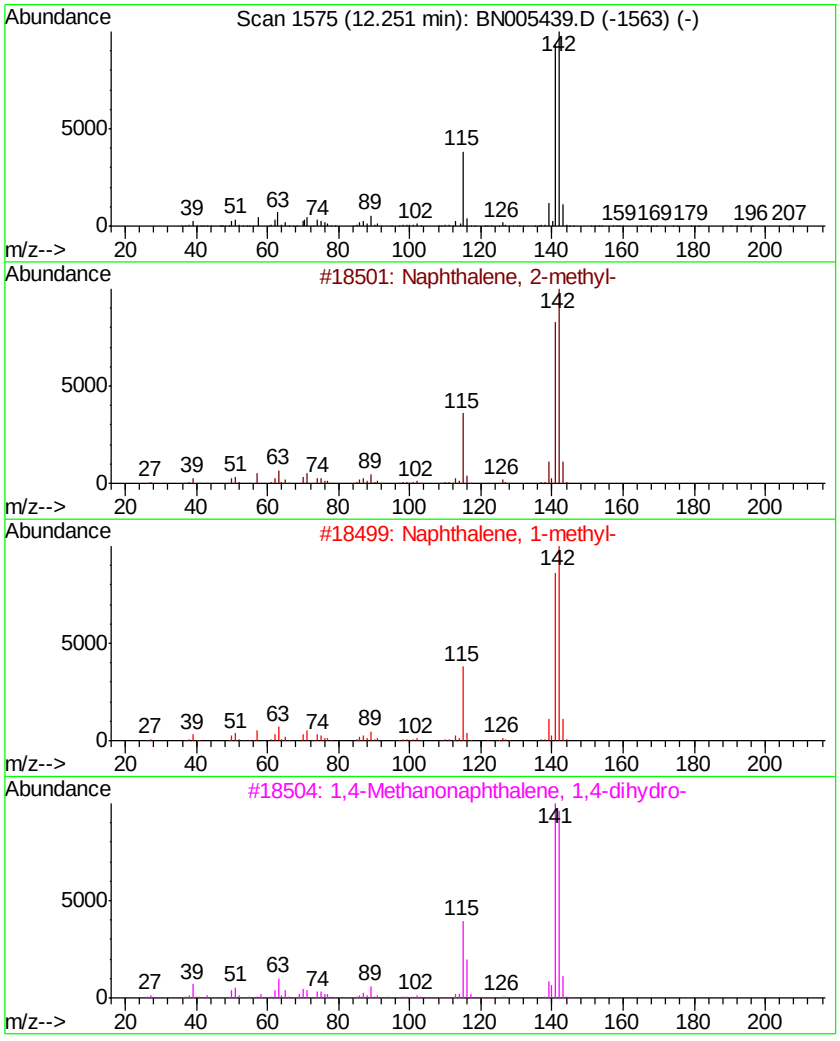
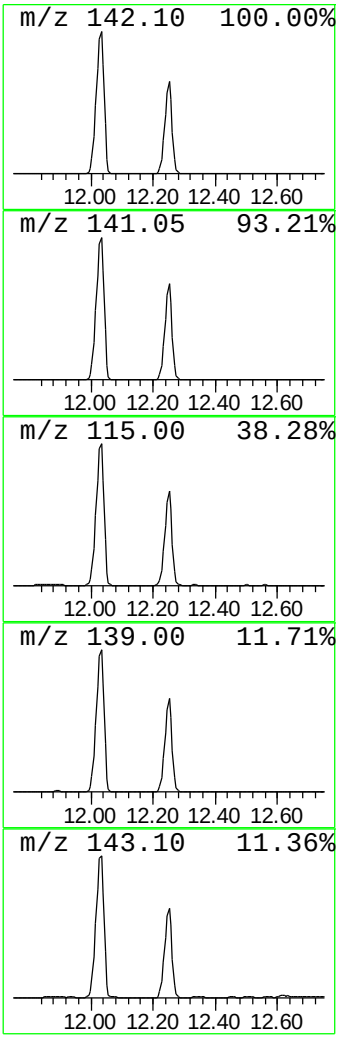
Peak Number 12 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	58.52 ng/ul	17337200	Naphthalene-d8	10.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	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	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91





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Sample : K2603-10 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
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Quant Title : SVOA CALIBRATION

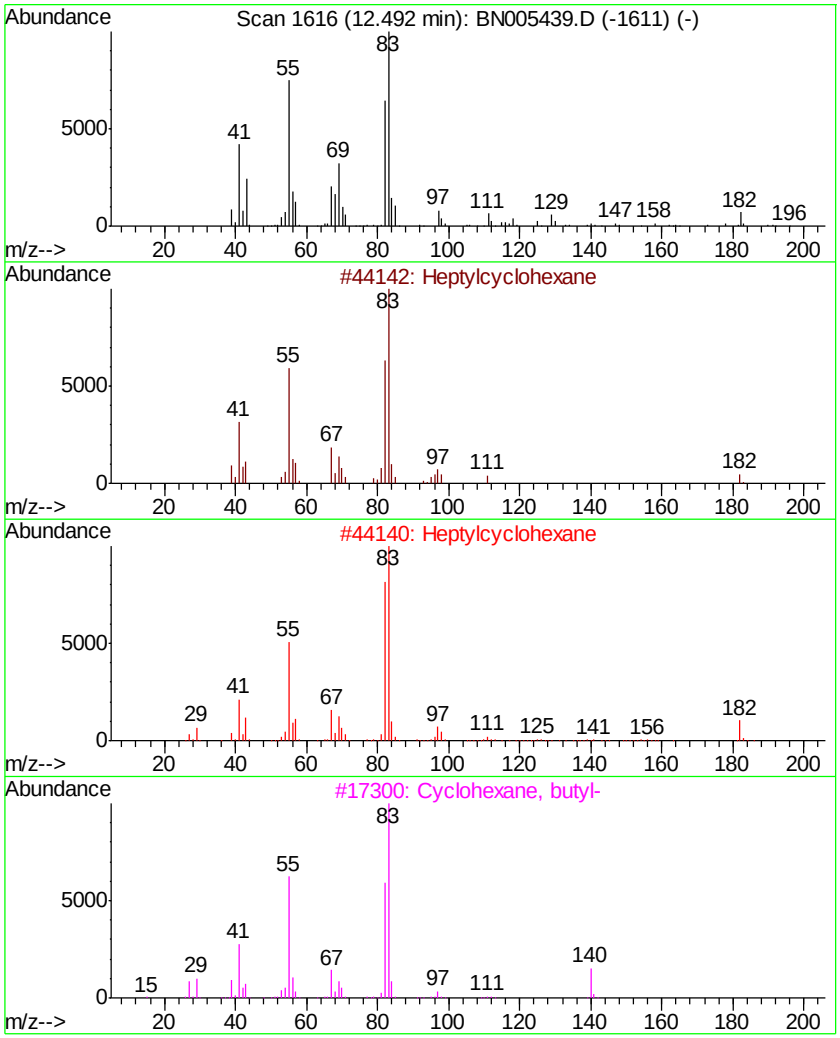
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

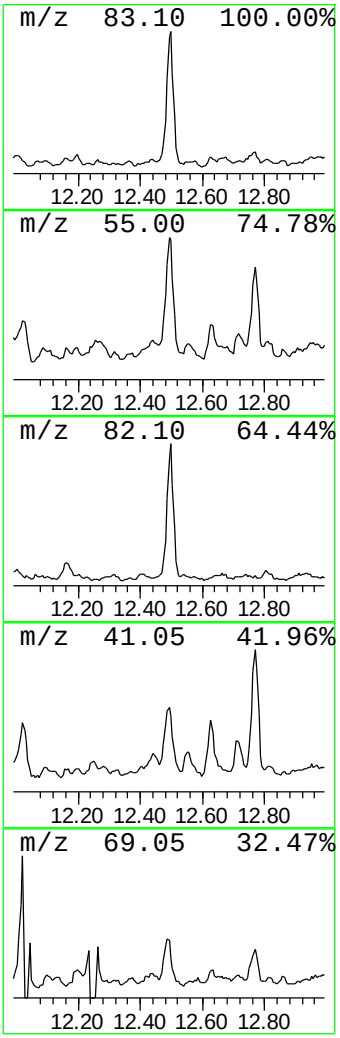
****

Peak Number 13 (DEL) Alkane: Cyclic12.49 Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	2.87 ng/ul	966189	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptylcyclohexane	182	C13H26	005617-41-4	90
2	Heptylcyclohexane	182	C13H26	005617-41-4	83
3	Cyclohexane, butyl-	140	C10H20	001678-93-9	72
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	72
5	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	72





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Sample : K2603-10 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ62

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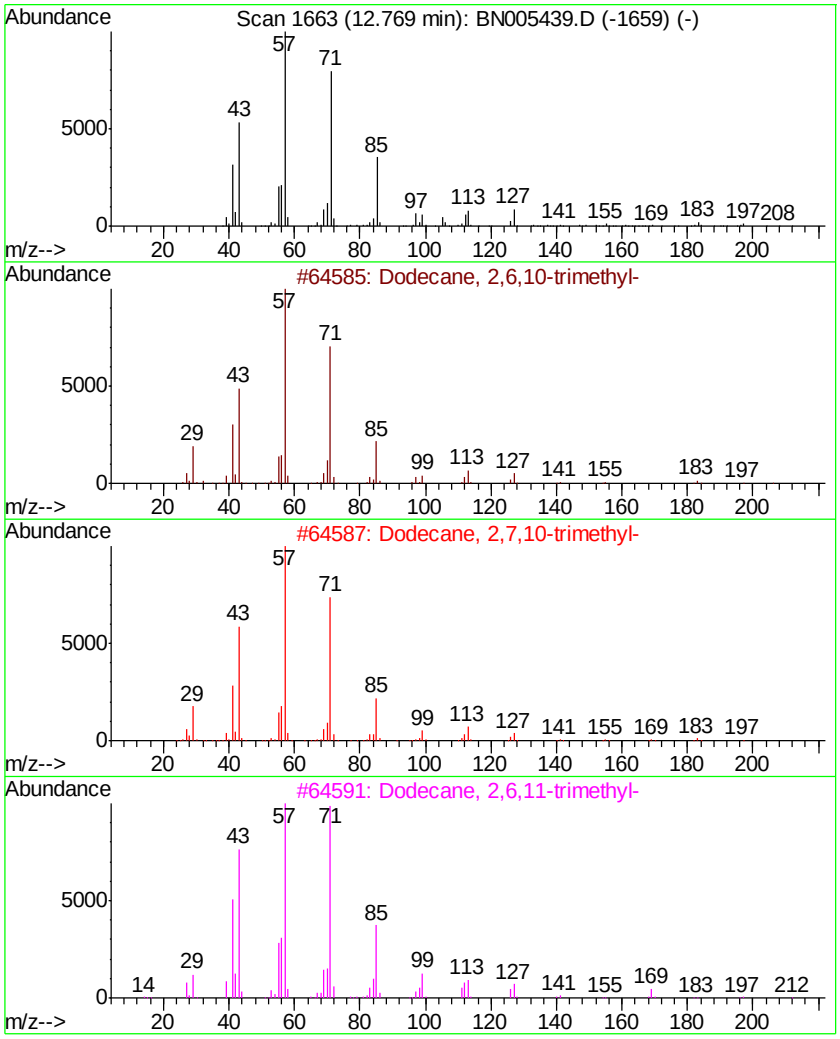
Quant Title : SVOA CALIBRATION

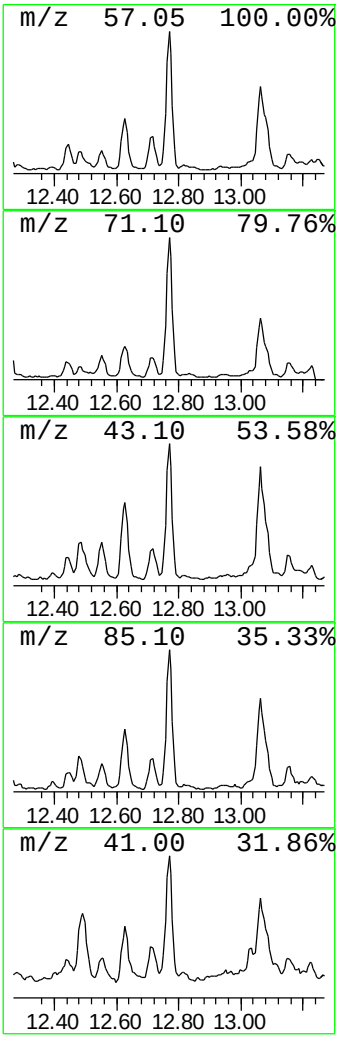
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	3.69 ng/ul	1243340	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	90
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	87
4	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	83
5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	80





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Misc :
ALS Vial : 24 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION

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

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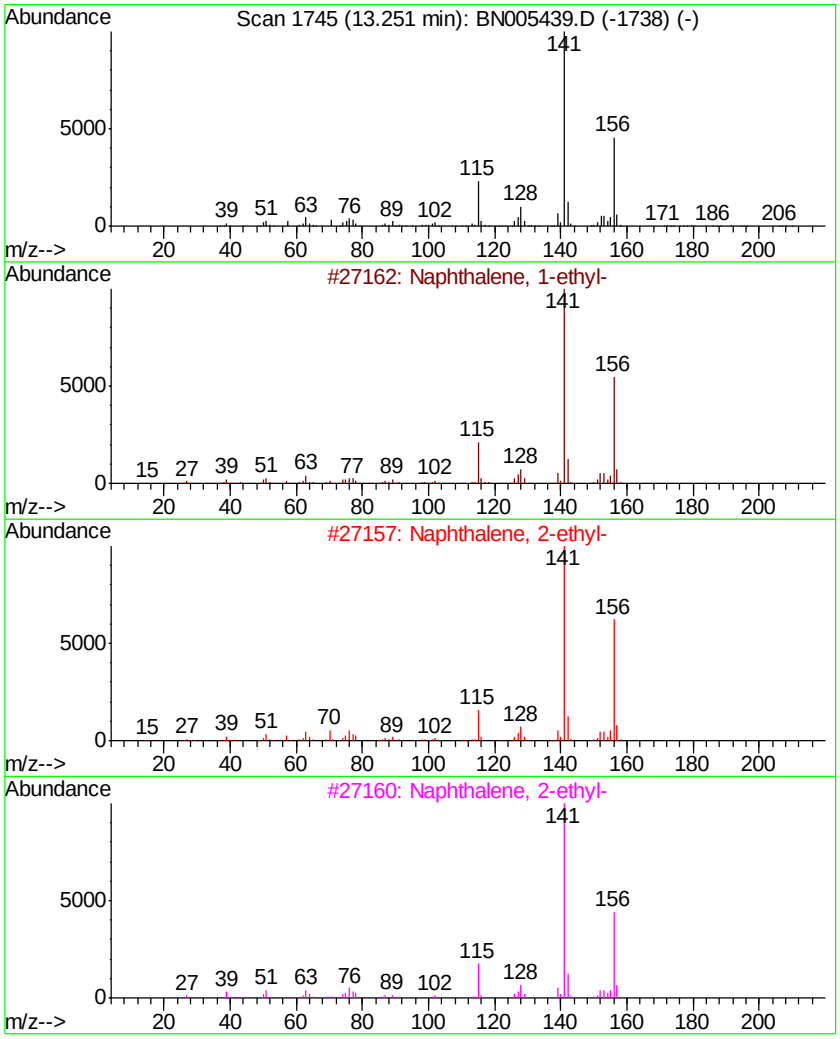
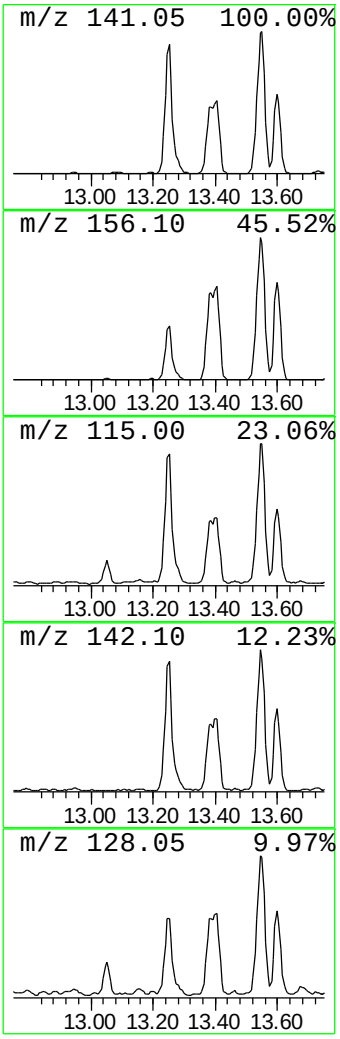
Peak Number 15 Naphthalene, 1-ethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	16.09 ng/ul	5420160	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, 2-ethyl-	156	C12H12	000939-27-5	94
4	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93





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Quant Title : SVOA CALIBRATION

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

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Peak Number 16 Naphthalene, 1,5-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	13.05 ng/ul	4397730	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
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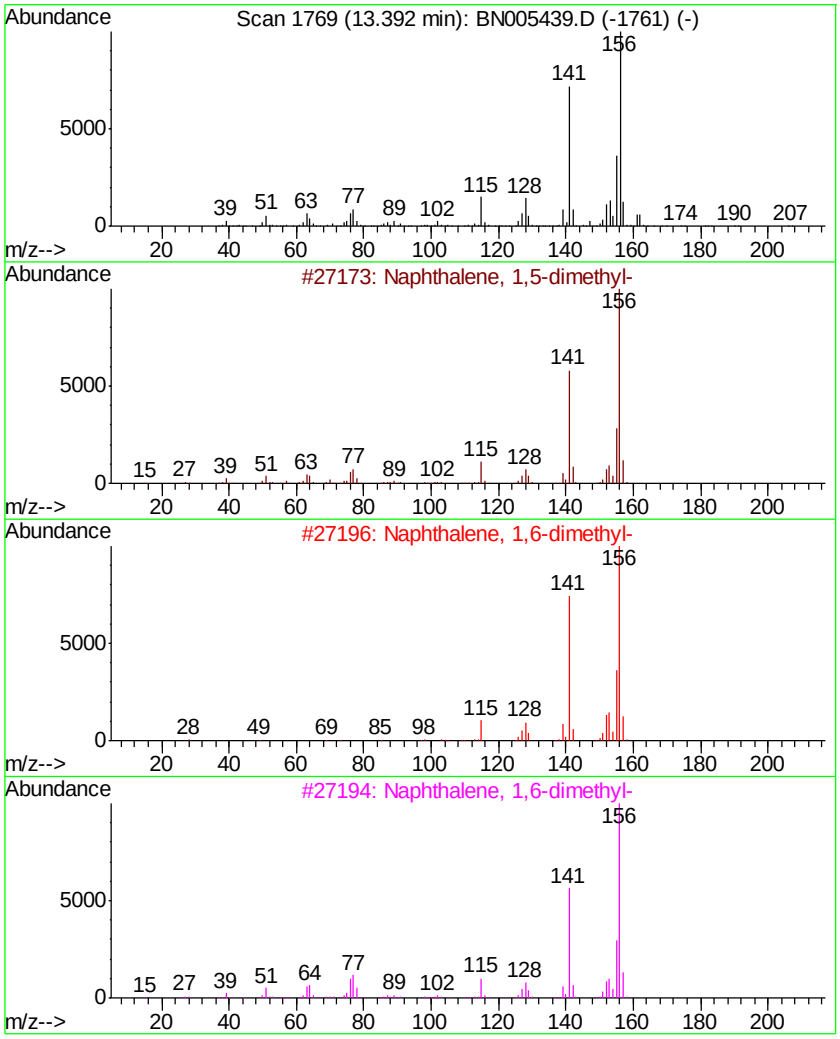

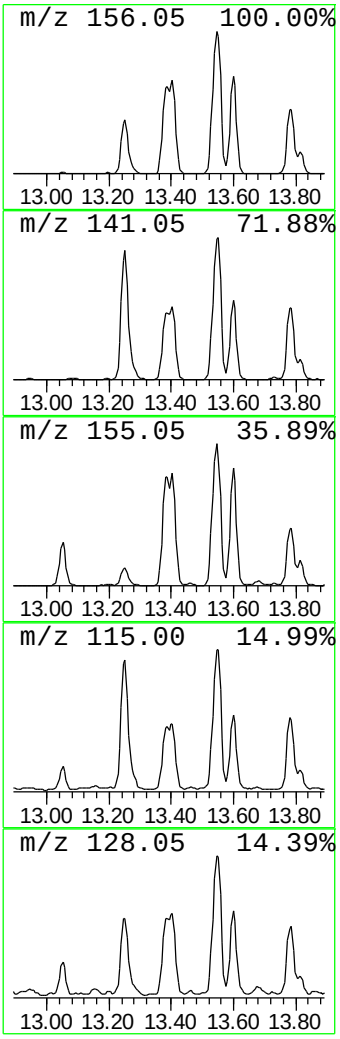

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Quant Title : SVOA CALIBRATION

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

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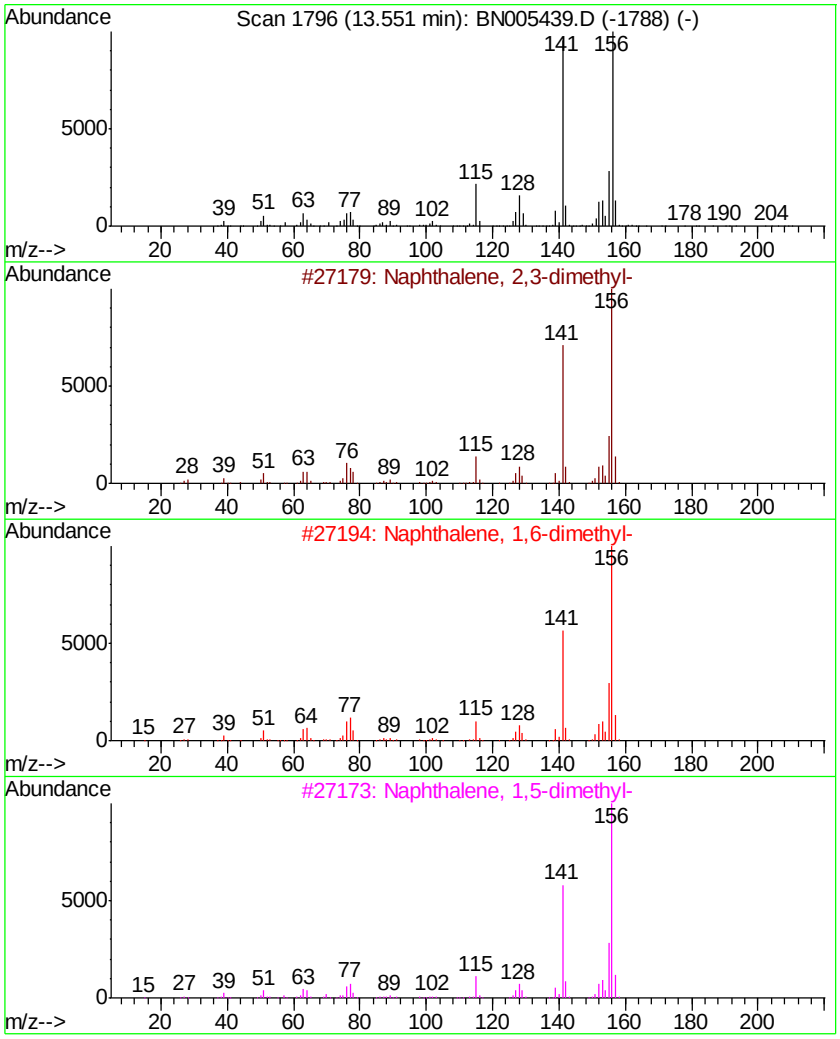
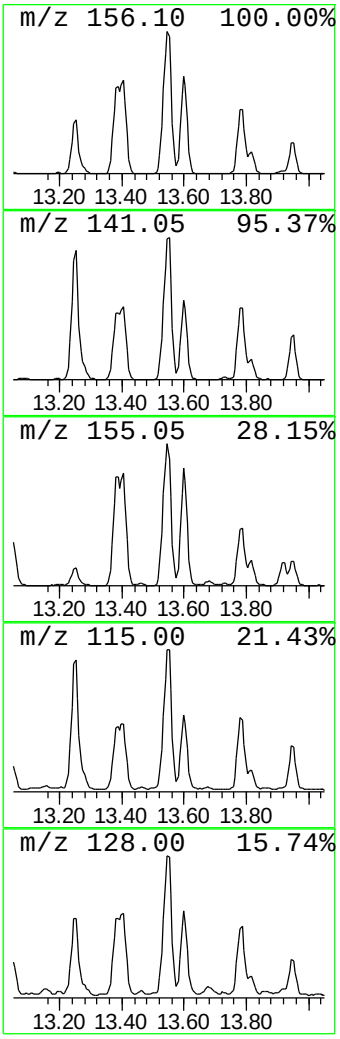
Peak Number 17 Naphthalene, 2,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	26.82 ng/ul	9035370	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, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97





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Quant Title : SVOA CALIBRATION

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

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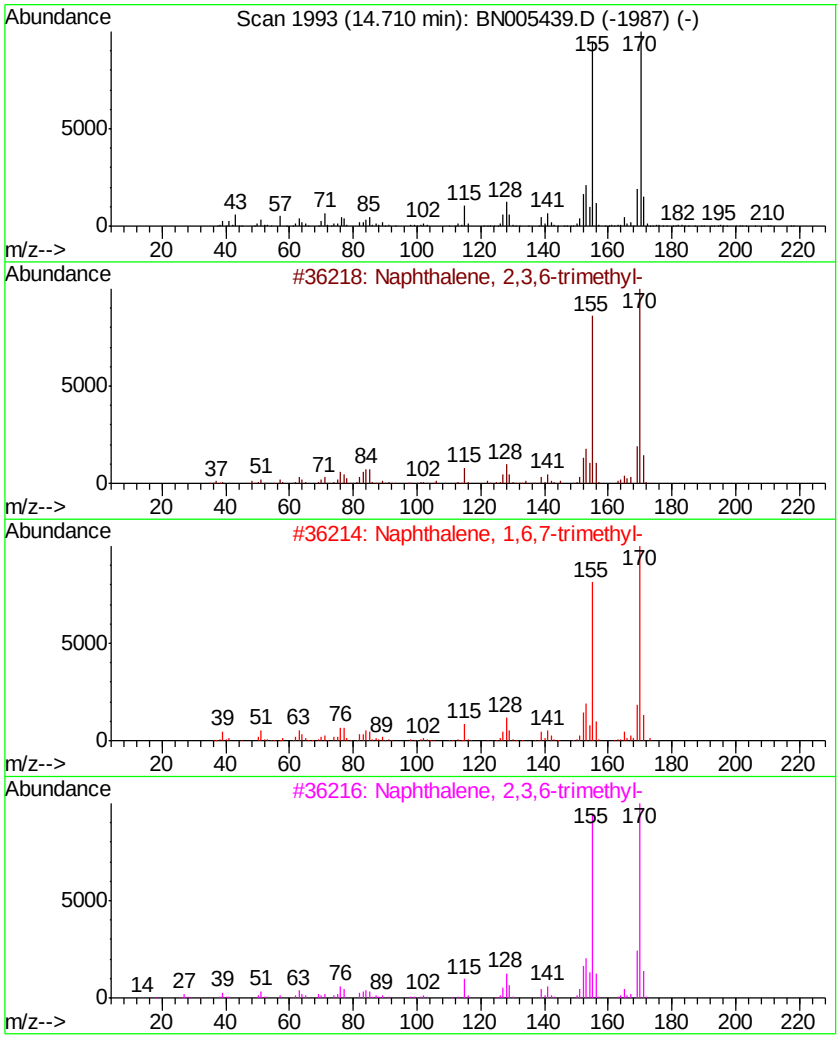
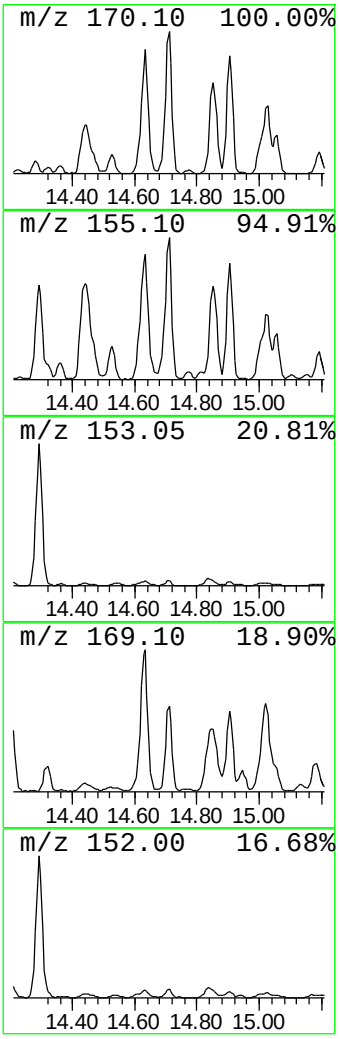
Peak Number 19 Naphthalene, 2,3,6-trimethyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.71	6.03 ng/ul	2032680	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
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





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Misc :
ALS Vial : 24 Sample Multiplier: 1

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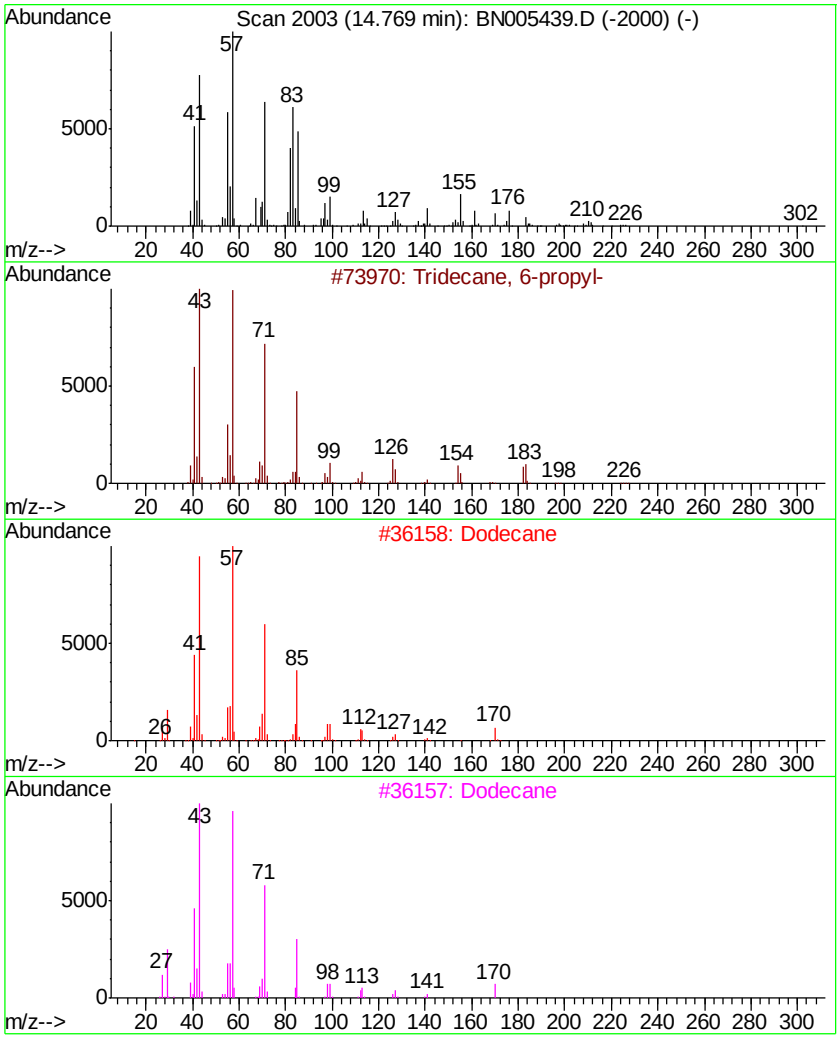
Quant Title : SVOA CALIBRATION

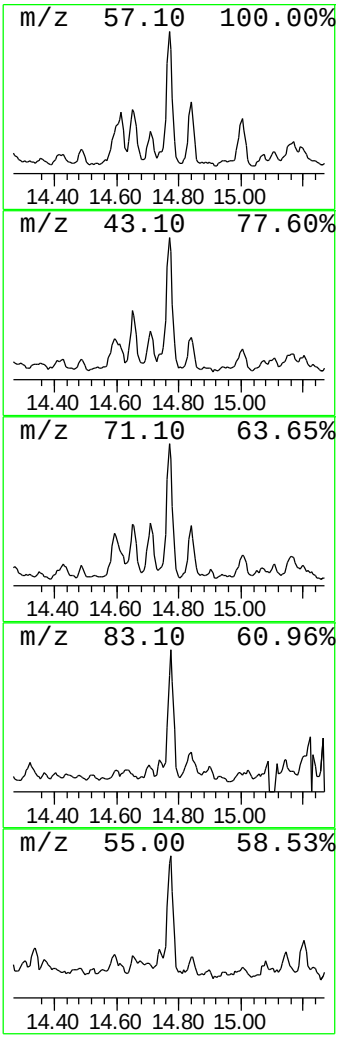
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	3.14 ng/ul	1059440	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-propyl-	226	C16H34	055045-10-8	64
2	Dodecane	170	C12H26	000112-40-3	50
3	Dodecane	170	C12H26	000112-40-3	46
4	10-Methylnonadecane	282	C20H42	056862-62-5	46
5	Dodecane	170	C12H26	000112-40-3	46





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Acq On : 03 May 2019 05:22
Operator : JU/SJ
Sample : K2603-10 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ62

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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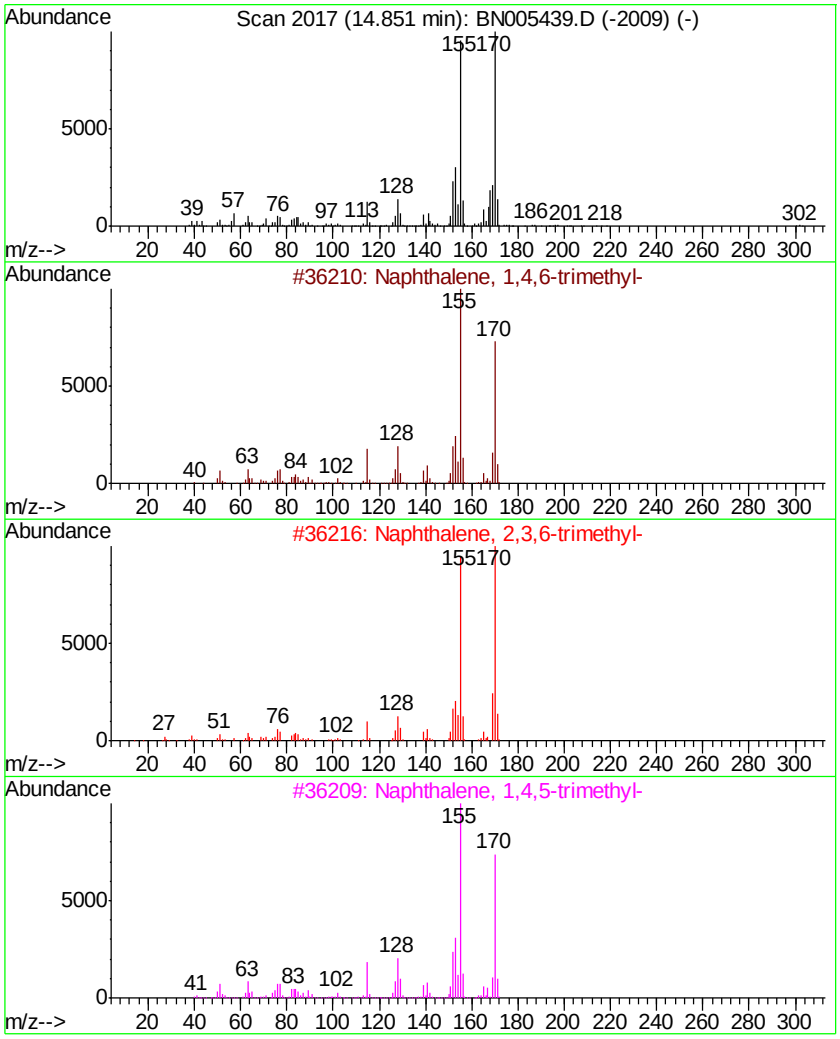
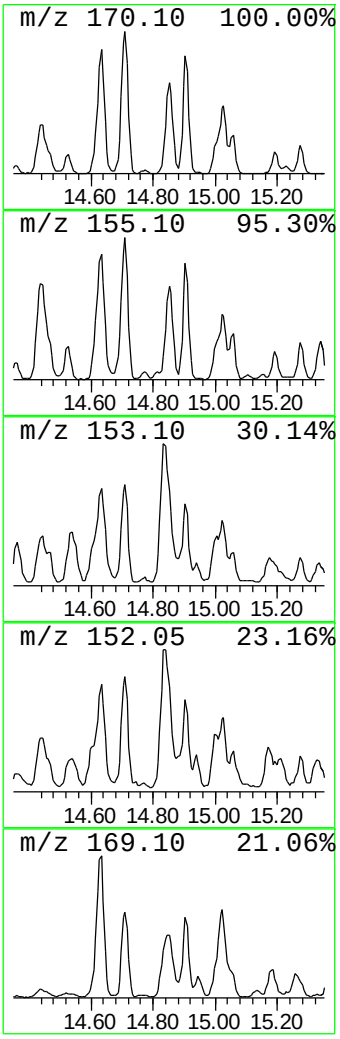
Peak Number 21 Naphthalene, 1,4,6-trimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	8.62 ng/ul	2905560	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	92
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	78
5	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	64





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Sample : K2603-10 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ62

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Quant Title : SVOA CALIBRATION

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

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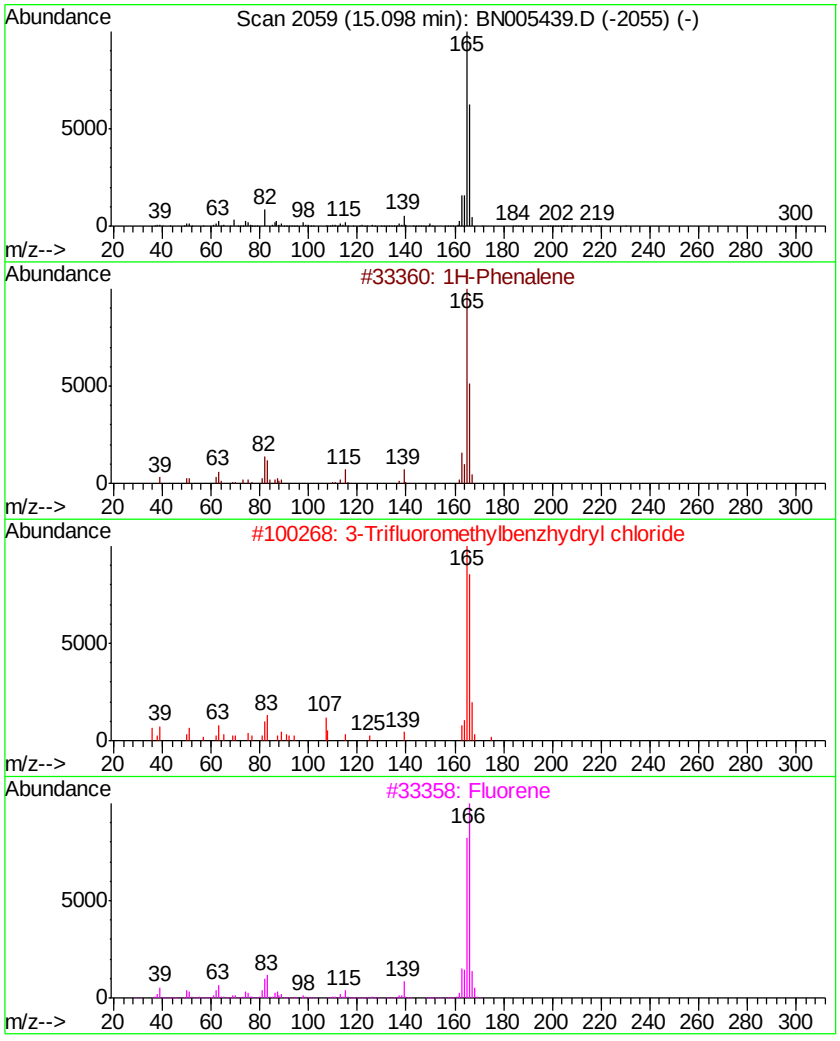
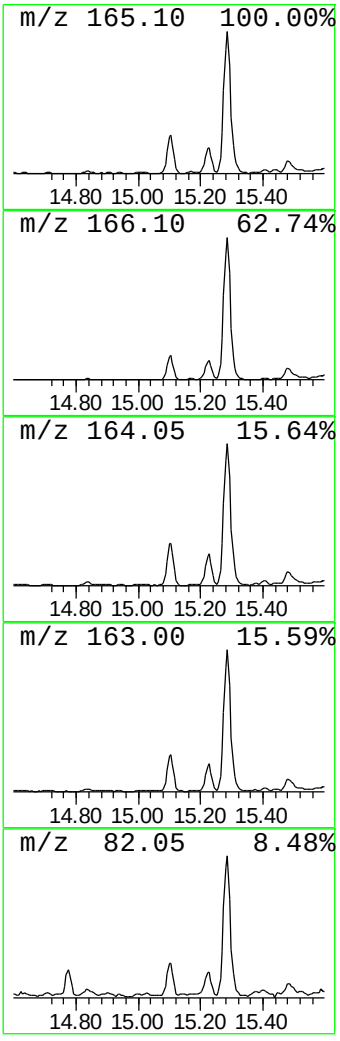
Peak Number 24 1H-Phenalene Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	7.82 ng/ul	2634360	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Phenalene	166	C13H10	000203-80-5	78
2	3-Trifluoromethylbenzhydryl chlo...	270	C14H10ClF3	067240-79-3	72
3	Fluorene	166	C13H10	000086-73-7	58
4	Fluorene	166	C13H10	000086-73-7	58
5	Fluorene	166	C13H10	000086-73-7	47





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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
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Quant Title : SVOA CALIBRATION

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

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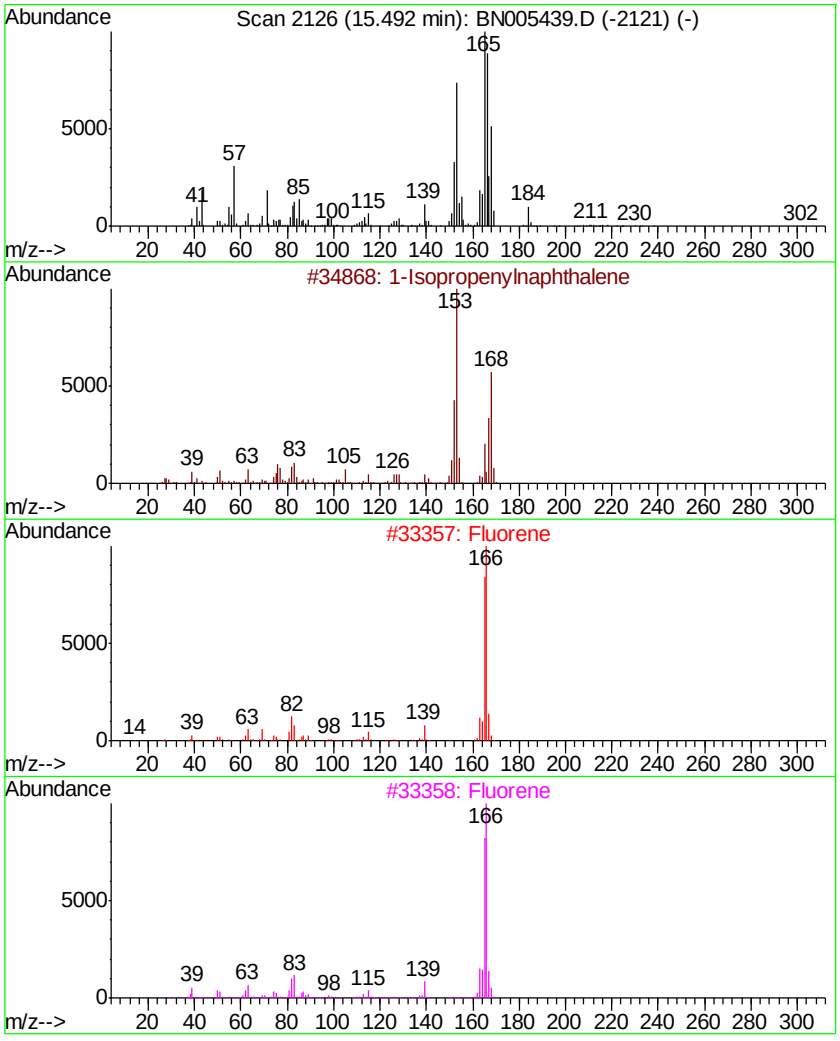
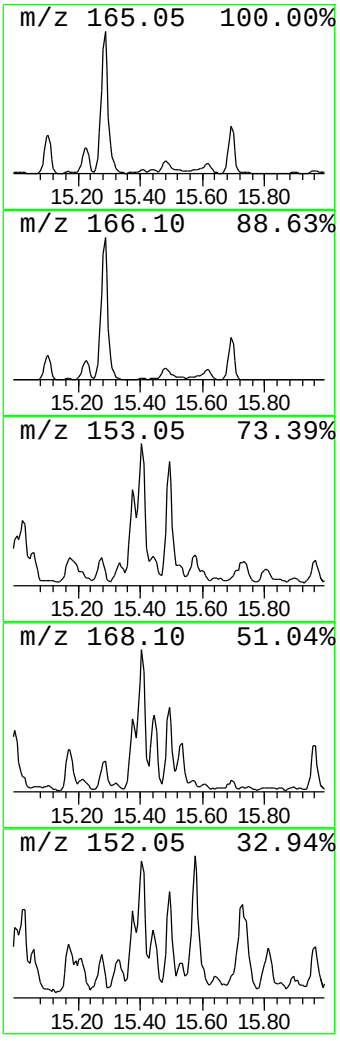
Peak Number 25 1-Isopropenylnaphthalene Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.49	4.67 ng/ul	1573410	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	84
2	Fluorene	166	C13H10	000086-73-7	50
3	Fluorene	166	C13H10	000086-73-7	49
4	Fluorene	166	C13H10	000086-73-7	45
5	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	38





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Acq On : 03 May 2019 05:22
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Sample : K2603-10 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ62

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Quant Title : SVOA CALIBRATION

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

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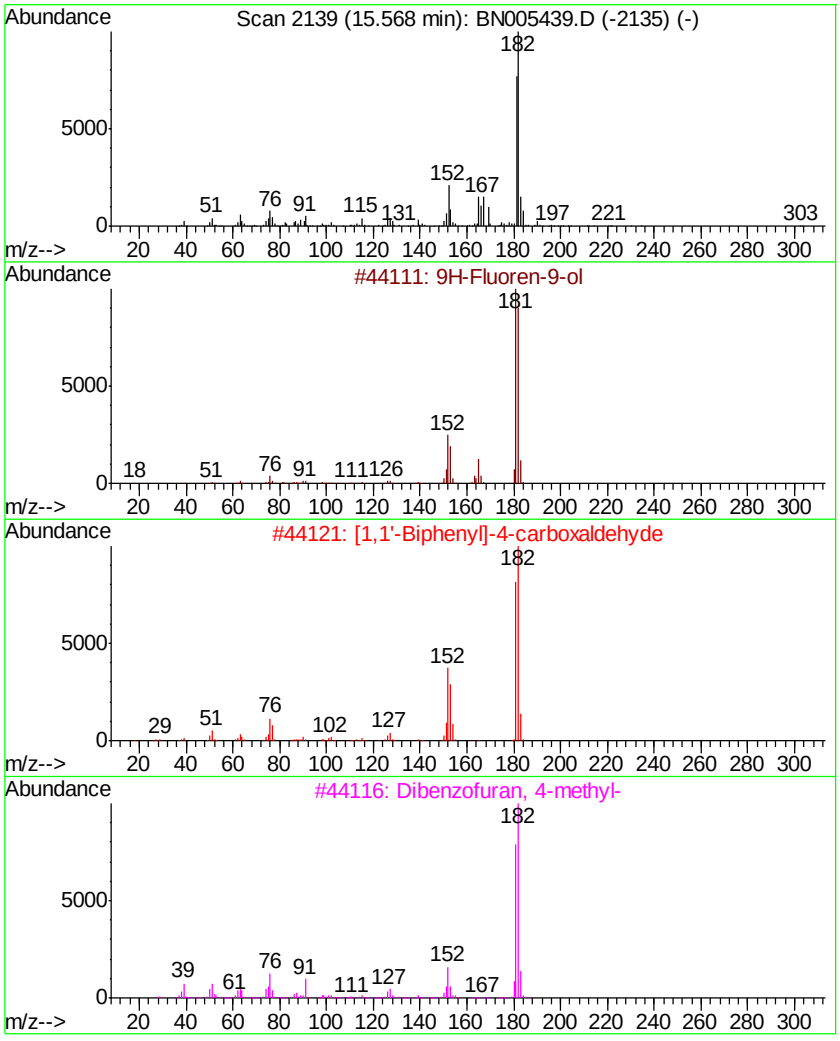
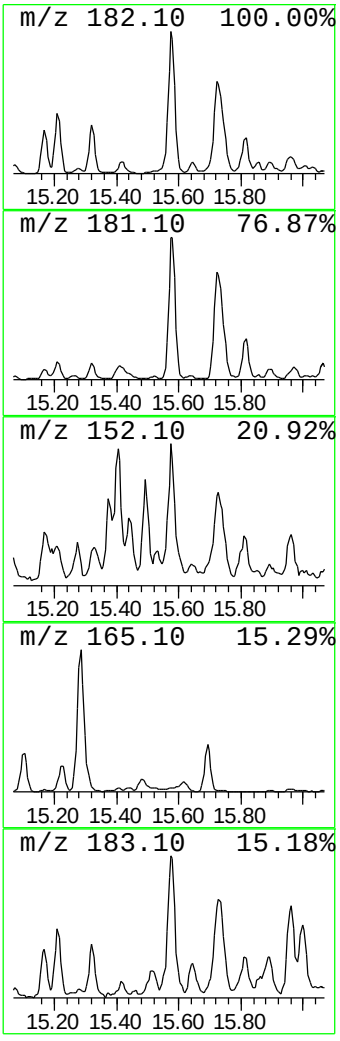
Peak Number 26 9H-Fluoren-9-ol Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	4.28 ng/ul	1443400	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	87
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	76
3	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	74
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72
5	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	64





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Sample : K2603-10 10X
Misc :
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Quant Title : SVOA CALIBRATION

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

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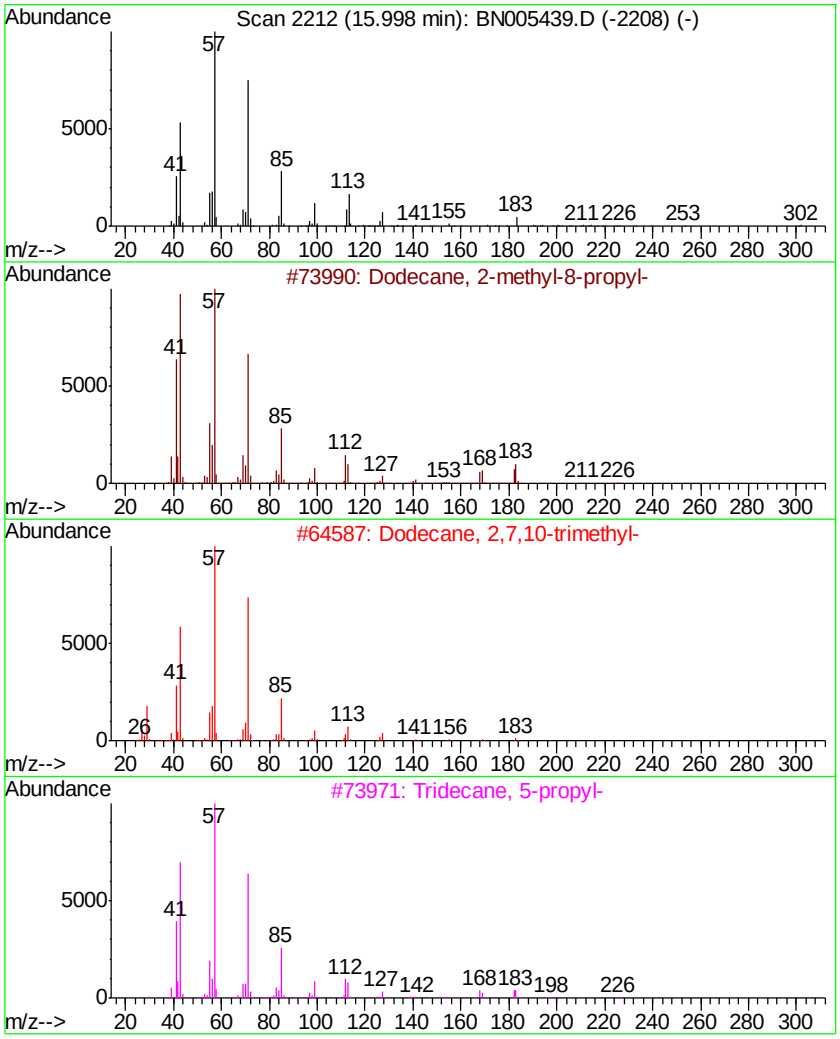
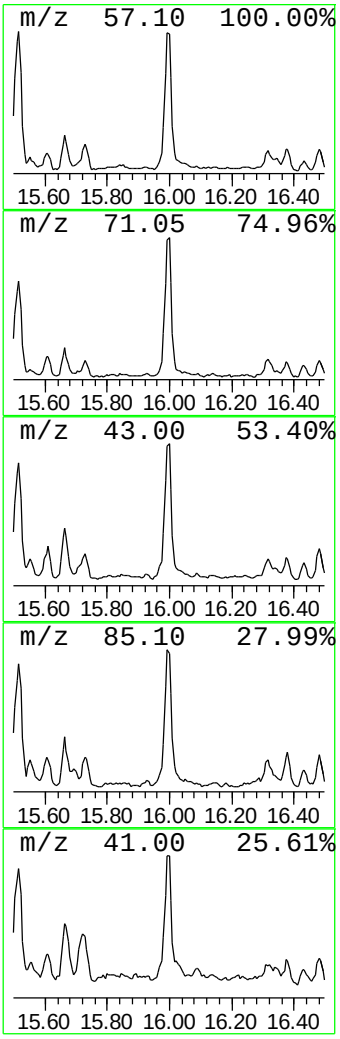
Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.00	4.64 ng/ul	1105190	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	90
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	78
3	Tridecane, 5-propyl-	226	C16H34	055045-11-9	78
4	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	72
5	Tridecane, 4-methyl-	198	C14H30	026730-12-1	72





Library Search Compound Report

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Sample : K2603-10 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ62

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Quant Title : SVOA CALIBRATION

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

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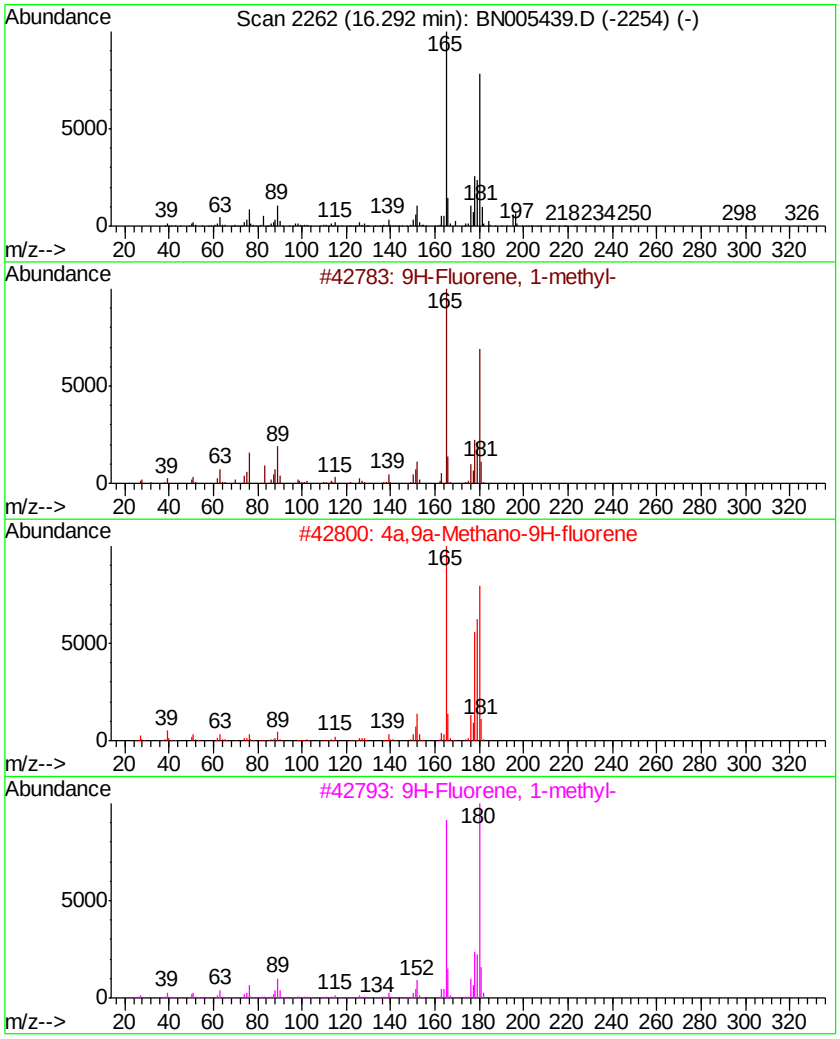
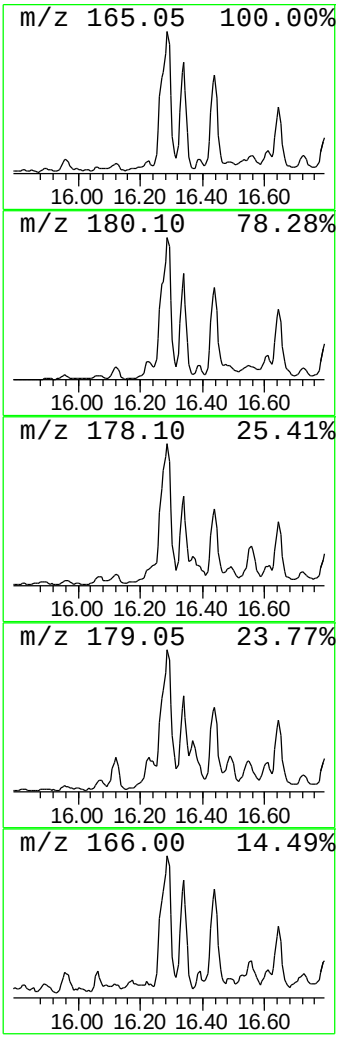
Peak Number 29 9H-Fluorene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	16.27 ng/ul	3873460	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
2	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	93
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	92
4	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	91
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	90





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Sample : K2603-10 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ62

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Quant Title : SVOA CALIBRATION

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

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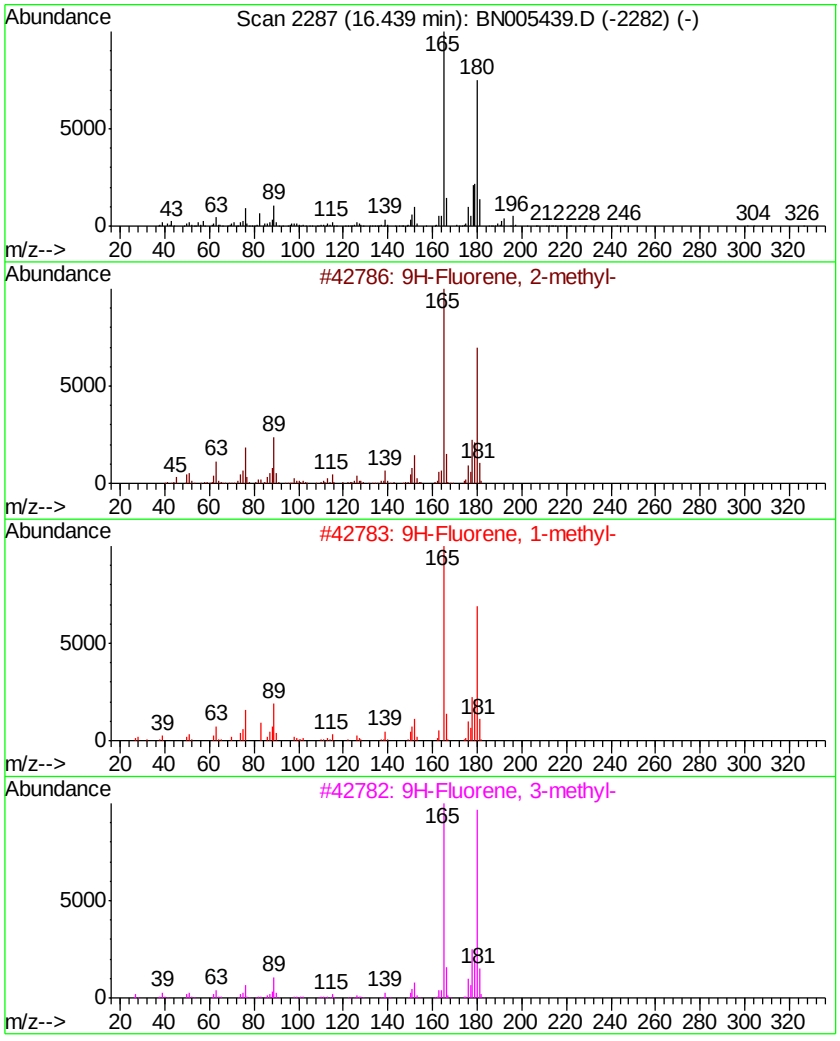
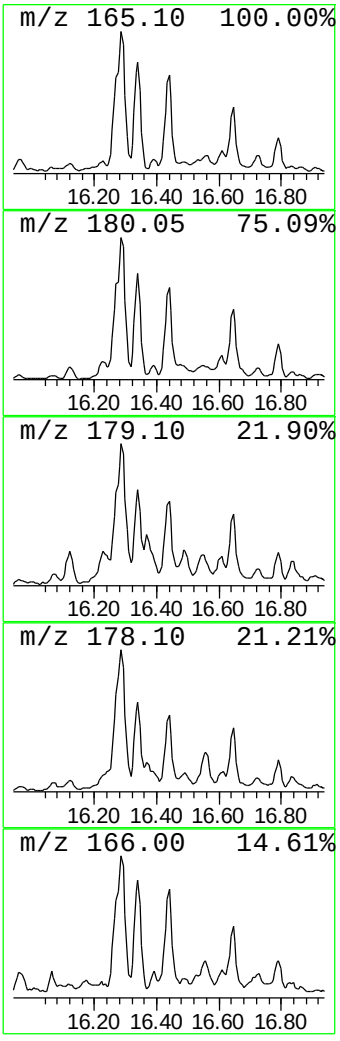
Peak Number 31 9H-Fluorene, 2-methyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	7.39 ng/ul	1758920	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	95
4	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	93
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	90





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Sample : K2603-10 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
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Quant Title : SVOA CALIBRATION

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

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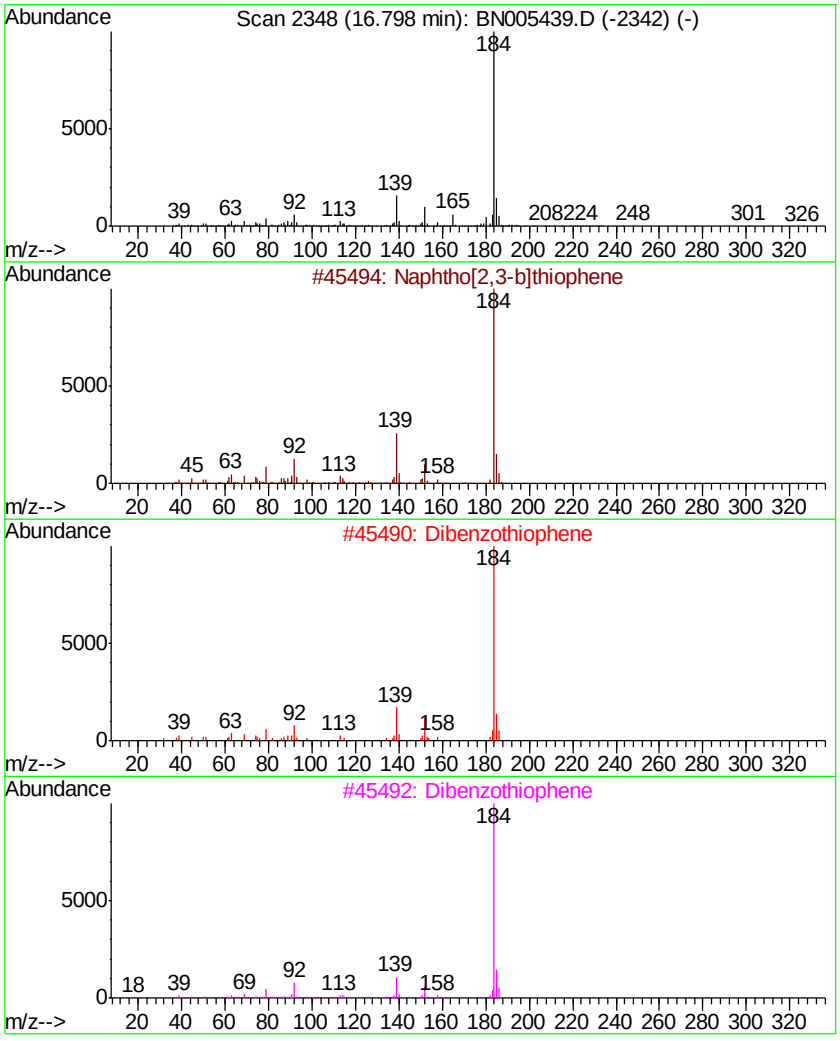
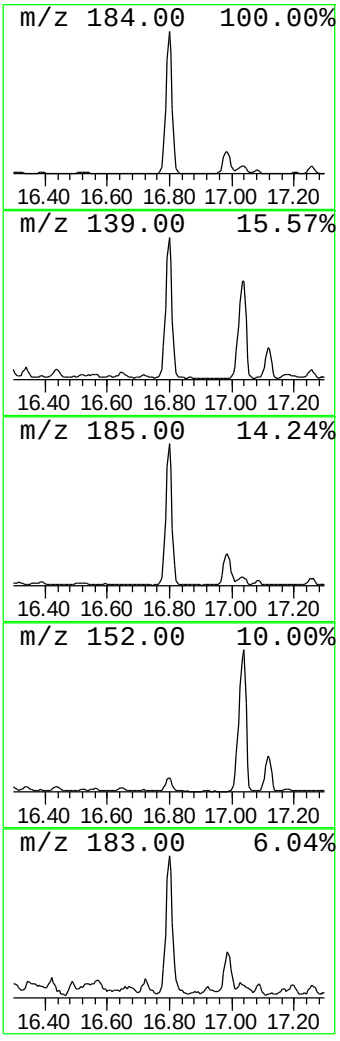
Peak Number 33 Naphtho[2,3-b]thiophene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.80	20.53 ng/ul	4887280	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
2	Dibenzothiophene	184	C12H8S	000132-65-0	93
3	Dibenzothiophene	184	C12H8S	000132-65-0	93
4	Dibenzothiophene	184	C12H8S	000132-65-0	93
5	Dibenzothiophene	184	C12H8S	000132-65-0	91





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Misc :
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ClientSampleId : GAJ62

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Quant Title : SVOA CALIBRATION

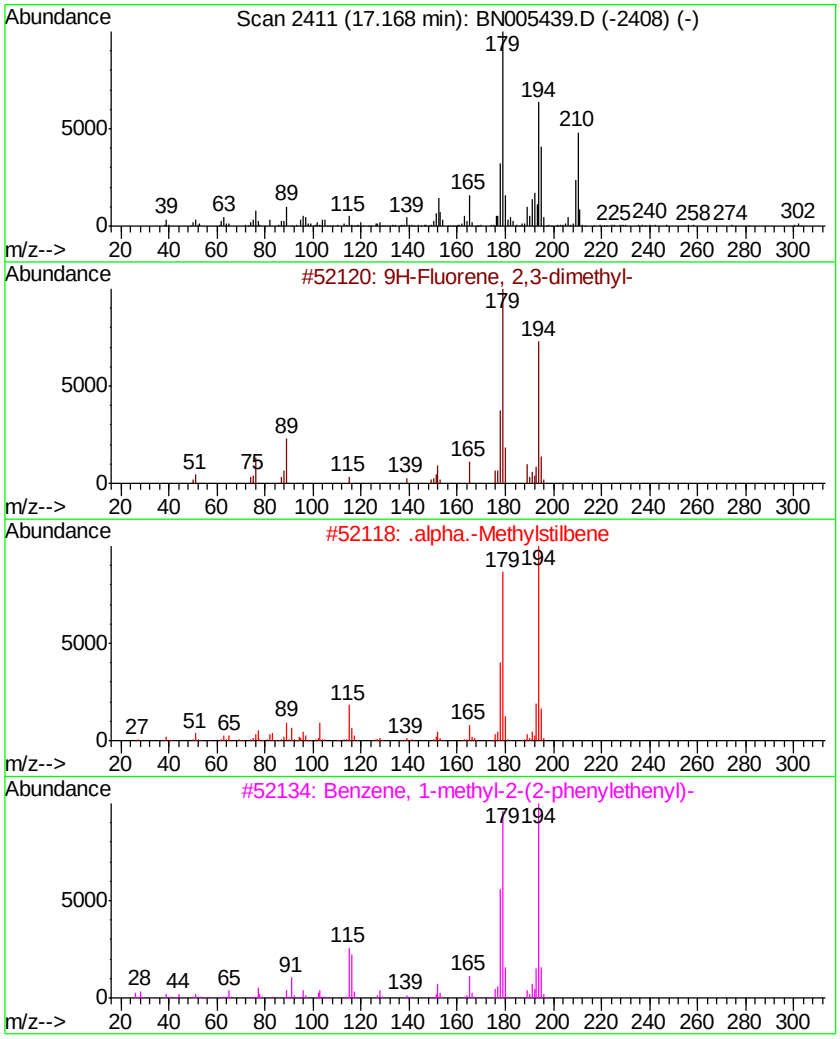
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

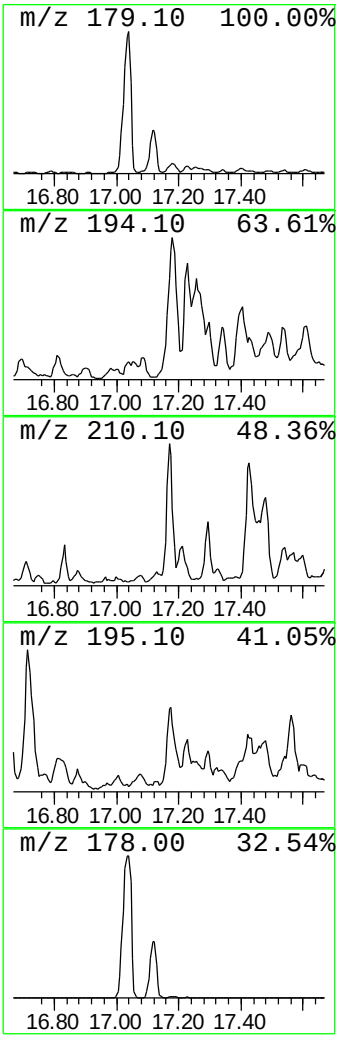
****

Peak Number 34 9H-Fluorene, 2,3-dimethyl- Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.17	4.07 ng/ul	968790	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2,3-dimethyl-	194	C15H14	004612-63-9	89
2	.alpha.-Methylstilbene	194	C15H14	000779-51-1	64
3	Benzene, 1-methyl-2-(2-phenyleth...	194	C15H14	074685-42-0	49
4	10,11-Dihydro-5H-dibenzo(a,d)cyc...	194	C15H14	000833-48-7	46
5	Anthracene, 9,10-dihydro-2-methyl-	194	C15H14	000948-67-4	46





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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ62

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Quant Title : SVOA CALIBRATION

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

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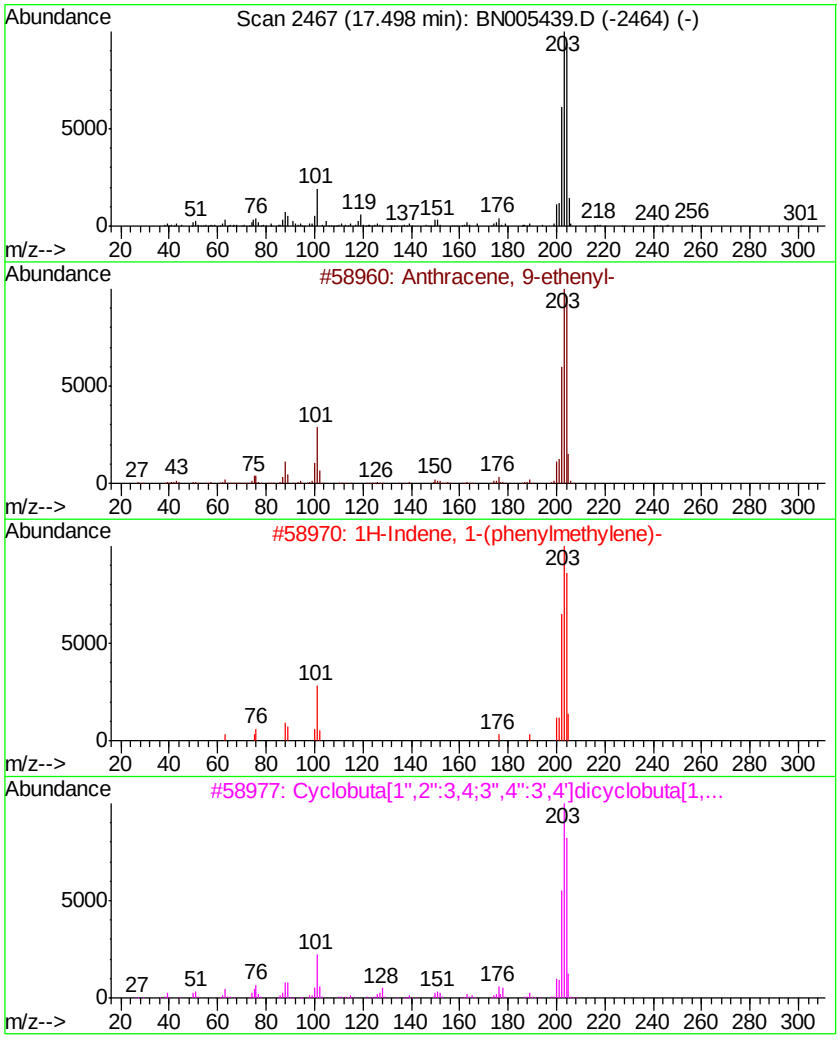
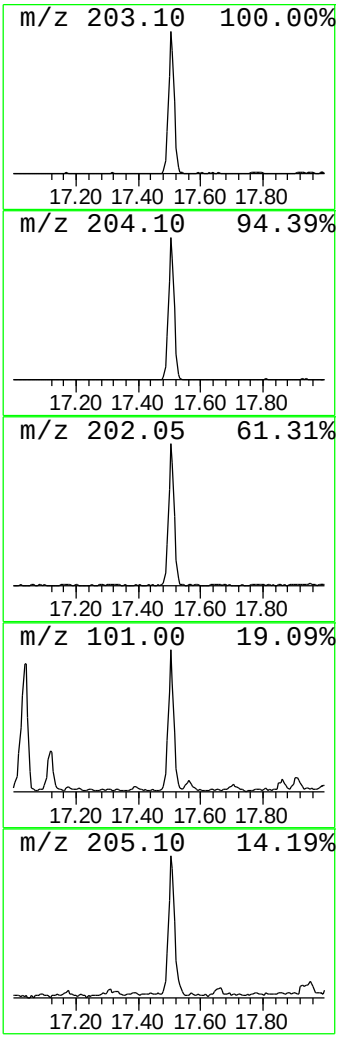
Peak Number 35 Anthracene, 9-ethenyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.50	4.97 ng/ul	1184130	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	94
2	1H-Indene, 1-(phenylmethylene)-	204	C16H12	005394-86-5	76
3	Cyclobuta[1'',2'':3,4;3'',4'':3'...	204	C16H12	006574-36-3	76
4	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	70
5	Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	64





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Sample : K2603-10 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ62

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Quant Title : SVOA CALIBRATION

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

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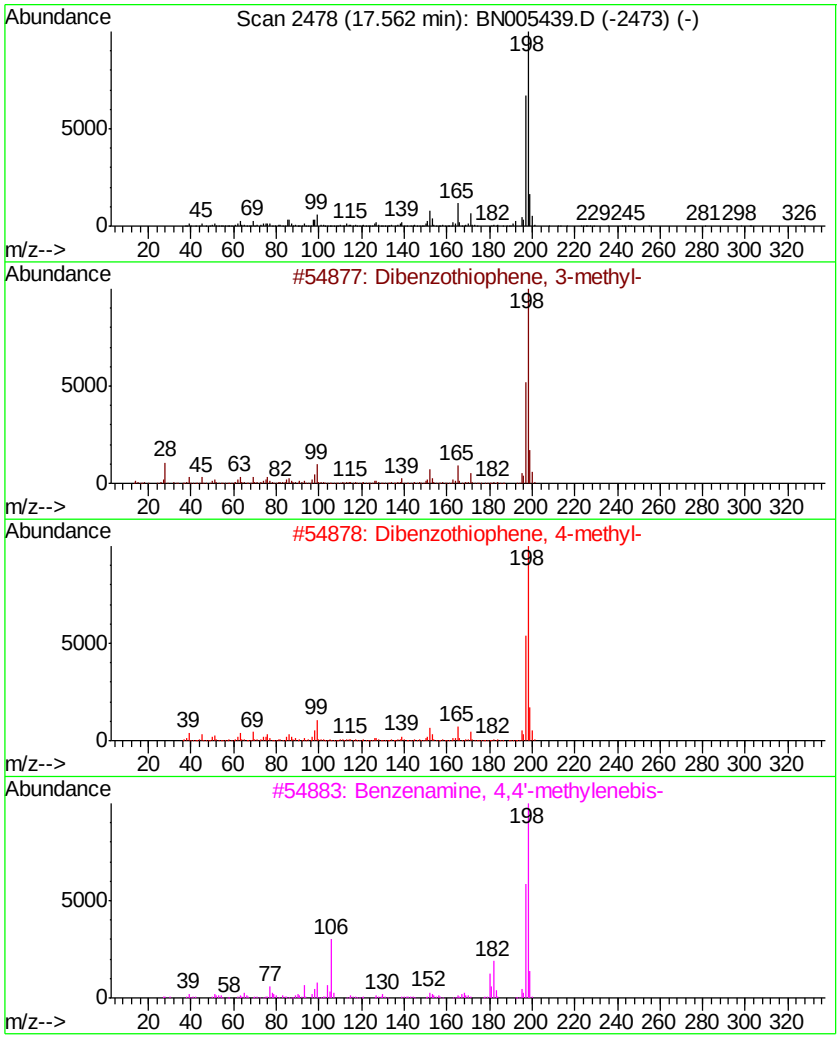
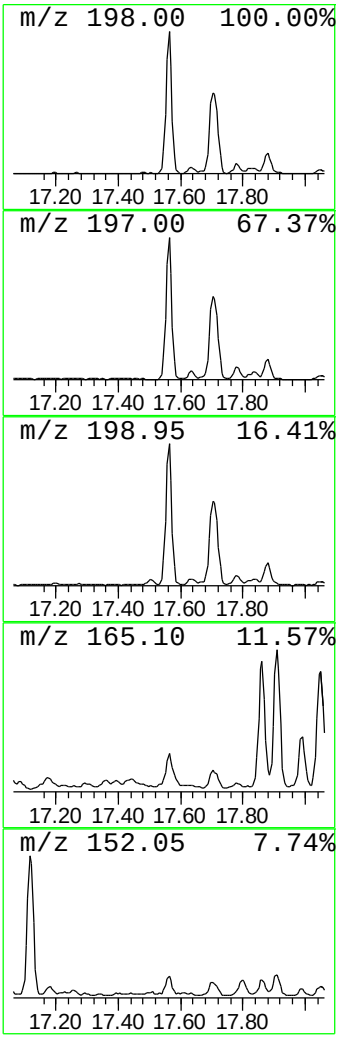
Peak Number 36 Dibenzothiophene, 3-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.56	8.55 ng/ul	2035520	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	97
2	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	96
3	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	72
4	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	72
5	9-Acridinamine, 1,2,3,4-tetrahydro-	198	C13H14N2	000321-64-2	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050219\
Data File : BN005439.D
Acq On : 03 May 2019 05:22
Operator : JU/SJ
Sample : K2603-10 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ62

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 2-propenyl-	7.25	23.0	ng/ul	2662030	1	7.59	2318750	20.0
Indene	8.12	100.0	ng/ul	11595300	1	7.59	2318750	20.0
(DEL) Alkane: Str...	8.81	8.2	ng/ul	954166	1	7.59	2318750	20.0
1H-Indene, 1-methyl-	9.79	10.8	ng/ul	3204970	2	10.36	5924980	20.0
2-Methylindene	9.86	6.1	ng/ul	1816950	2	10.36	5924980	20.0
(DEL) Alkane: Str...	10.53	6.8	ng/ul	2029210	2	10.36	5924980	20.0
(DEL) Alkane: Str...	11.29	3.1	ng/ul	927835	2	10.36	5924980	20.0
(DEL) Alkane: Str...	11.39	6.8	ng/ul	2018180	2	10.36	5924980	20.0
(DEL) Alkane: Str...	11.80	8.2	ng/ul	2434280	2	10.36	5924980	20.0
Naphthalene, 1-me...	12.25	58.5	ng/ul	17337200	2	10.36	5924980	20.0
(DEL) Alkane: Cyc...	12.49	2.9	ng/ul	966189	3	14.23	6738820	20.0
(DEL) Alkane: Str...	12.77	3.7	ng/ul	1243340	3	14.23	6738820	20.0
Naphthalene, 1-et...	13.25	16.1	ng/ul	5420160	3	14.23	6738820	20.0
Naphthalene, 1,5-...	13.39	13.1	ng/ul	4397730	3	14.23	6738820	20.0
Naphthalene, 2,3-...	13.55	26.8	ng/ul	9035370	3	14.23	6738820	20.0
Naphthalene, 2,3,...	14.71	6.0	ng/ul	2032680	3	14.23	6738820	20.0
(DEL) Alkane: Str...	14.77	3.1	ng/ul	1059440	3	14.23	6738820	20.0
Naphthalene, 1,4,...	14.85	8.6	ng/ul	2905560	3	14.23	6738820	20.0
1H-Phenalene	15.10	7.8	ng/ul	2634360	3	14.23	6738820	20.0
1-Isopropenylnaph...	15.49	4.7	ng/ul	1573410	3	14.23	6738820	20.0
9H-Fluoren-9-ol	15.57	4.3	ng/ul	1443400	3	14.23	6738820	20.0
(DEL) Alkane: Str...	16.00	4.6	ng/ul	1105190	4	16.98	4760650	20.0
9H-Fluorene, 1-me...	16.29	16.3	ng/ul	3873460	4	16.98	4760650	20.0
9H-Fluorene, 2-me...	16.44	7.4	ng/ul	1758920	4	16.98	4760650	20.0
Naphtho[2,3-b]thi...	16.80	20.5	ng/ul	4887280	4	16.98	4760650	20.0
9H-Fluorene, 2,3-...	17.17	4.1	ng/ul	968790	4	16.98	4760650	20.0
Anthracene, 9-eth...	17.50	5.0	ng/ul	1184130	4	16.98	4760650	20.0
Dibenzothiophene,...	17.56	8.6	ng/ul	2035520	4	16.98	4760650	20.0