LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005279.D
Acq On : 25 Apr 2019 08:35
Operator : JU/SJ
Sample : K2455-06DL 30X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHQ8DL

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	7.258	718	726	733	rBV2	443087	765542	5.69%	0.736%
2	7.593	775	783	794	rBV	1636692	2591078	19.27%	2.490%
3	7.710	796	803	810	rVV	84892	136714	1.02%	0.131%
4	8.122	863	873	881	rVV2	159430	294014	2.19%	0.283%
5	8.687	963	969	974	rBV2	118188	202270	1.50%	0.194%
6	8.852	993	997	1006	rVB	151129	291994	2.17%	0.281%
7	9.263	1062	1067	1076	rVB	118712	205140	1.53%	0.197%
8	9.793	1141	1157	1163	rBV3	294008	800865	5.96%	0.770%
9	9.863	1163	1169	1173	rVV	297662	592551	4.41%	0.569%
10	9.899	1173	1175	1185	rVV2	163643	272060	2.02%	0.261%
11	10.063	1197	1203	1213	rBV6	65930	134821	1.00%	0.130%
12	10.357	1243	1253	1257	rBV	2382456	4140443	30.79%	3.979%
13	10.404	1257	1261	1270	rVB	3520089	5770341	42.92%	5.545%
14	11.398	1425	1430	1434	rBV2	113379	180413	1.34%	0.173%
15	11.551	1451	1456	1464	rVB2	104762	213193	1.59%	0.205%
16	11.804	1493	1499	1506	rVV	268002	454316	3.38%	0.437%
17	11.916	1515	1518	1528	rVB2	85103	154519	1.15%	0.148%
18	12.028	1528	1537	1546	rVB	8535583	13445335	100.00%	12.921%
19	12.245	1563	1574	1581	rBV	3764416	6071866	45.16%	5.835%
20	13.057	1706	1712	1721	rBV2	612699	1188414	8.84%	1.142%
21	13.251	1738	1745	1758	rVB	665336	1339750	9.96%	1.288%
22	13.387	1758	1768	1769	rBV	1618148	2224757	16.55%	2.138%
23	13.545	1786	1795	1800	rBV	1911984	3321453	24.70%	3.192%
24	13.598	1800	1804	1809	rVV	1089887	1620957	12.06%	1.558%
25	13.645	1809	1812	1813	rVV2	130399	167502	1.25%	0.161%
26	13.681	1813	1818	1824	rVV	890032	1366668	10.16%	1.313%
27	13.787	1830	1836	1840	rVV	833731	1377373	10.24%	1.324%
28	13.816	1840	1841	1846	rVB	226309	190073	1.41%	0.183%
29	13.945	1852	1863	1875	rVB2	1467846	2443700	18.18%	2.348%
30	14.157	1894	1899	1903	rBV	194277	266490	1.98%	0.256%
31	14.228	1903	1911	1917	rVV3	3234958	5353779	39.82%	5.145%
32	14.287	1917	1921	1924	rVV2	225195	337083	2.51%	0.324%
33	14.322	1924	1927	1931	rVB	252593	316797	2.36%	0.304%
34	14.445	1942	1948	1957	rBV	274295	588902	4.38%	0.566%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005279.D
Acq On : 25 Apr 2019 08:35
Operator : JU/SJ
Sample : K2455-06DL 30X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHQ8DL

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	14.528	1958	1962	1971	rVB4	75304	131241	0.98%	0.126%
36	14.634	1971	1980	1987	rBV2	441789	867183	6.45%	0.833%
37	14.710	1987	1993	1998	rBV	342834	476922	3.55%	0.458%
38	14.839	2009	2015	2021	rBV2	449938	919742	6.84%	0.884%
39	14.910	2023	2027	2030	rVB	218030	286789	2.13%	0.276%
40	15.004	2037	2043	2044	rBV2	145160	194264	1.44%	0.187%
41	15.104	2056	2060	2066	rVB2	305806	473978	3.53%	0.455%
42	15.175	2067	2072	2075	rBV	122930	207481	1.54%	0.199%
43	15.222	2075	2080	2085	rVB2	398509	632498	4.70%	0.608%
44	15.281	2085	2090	2095	rBV	1042198	1564206	11.63%	1.503%
45	15.410	2108	2112	2115	rVV3	133690	177943	1.32%	0.171%
46	15.581	2136	2141	2145	rBV2	157674	275518	2.05%	0.265%
47	15.692	2155	2160	2164	rBV	287270	413943	3.08%	0.398%
48	15.734	2164	2167	2175	rVB2	113990	210096	1.56%	0.202%
49	15.975	2202	2208	2212	rBV6	121919	249466	1.86%	0.240%
50	16.286	2253	2261	2266	rVV3	281529	694011	5.16%	0.667%
51	16.339	2266	2270	2275	rVV	310261	433638	3.23%	0.417%
52	16.439	2282	2287	2293	rVB2	153899	236952	1.76%	0.228%
53	16.557	2304	2307	2312	rVV5	89323	139409	1.04%	0.134%
54	16.645	2318	2322	2329	rVB4	114627	176387	1.31%	0.170%
55	16.798	2340	2348	2353	rBV	204243	359236	2.67%	0.345%
56	16.981	2373	2379	2383	rBV2	3611463	5246691	39.02%	5.042%
57	17.022	2383	2386	2392	rVV	3342459	4396649	32.70%	4.225%
58	17.081	2392	2396	2398	rVV	162945	249714	1.86%	0.240%
59	17.110	2398	2401	2407	rVV	625654	883602	6.57%	0.849%
60	17.181	2408	2413	2418	rVV3	99435	181166	1.35%	0.174%
61	17.510	2465	2469	2474	rBV3	114996	142962	1.06%	0.137%
62	17.563	2474	2478	2485	rVB2	89140	147125	1.09%	0.141%
63	17.710	2496	2503	2510	rVB2	70577	183028	1.36%	0.176%
64	17.857	2523	2528	2532	rBV	766871	1042749	7.76%	1.002%
65	17.904	2532	2536	2544	rVB	782089	1099567	8.18%	1.057%
66	17.986	2546	2550	2555	rVB	217990	282334	2.10%	0.271%
67	18.051	2555	2561	2565	rBV2	669435	1167149	8.68%	1.122%
68	18.092	2565	2568	2573	rVB	373552	500553	3.72%	0.481%
69	18.369	2611	2615	2619	rVV	324735	435037	3.24%	0.418%
70	18.622	2654	2658	2662	rVV2	95318	150081	1.12%	0.144%
71	18.669	2662	2666	2670	rVV	94339	139764	1.04%	0.134%

LSC Area Percent Report

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Acq On : 25 Apr 2019 08:35
Operator : JU/SJ
Sample : K2455-06DL 30X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHQ8DL

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

72	18.792	2677	2687	2691	rBV3	252848	471280	3.51%	0.453%
73	18.851	2691	2697	2700	rVV2	166542	309474	2.30%	0.297%
74	18.880	2700	2702	2706	rVB	116732	129864	0.97%	0.125%
75	18.927	2706	2710	2718	rBV6	148414	303022	2.25%	0.291%
76	19.057	2725	2732	2739	rBV	781640	1178867	8.77%	1.133%
77	19.127	2740	2744	2747	rVV	99611	130483	0.97%	0.125%
78	19.204	2754	2757	2762	rVB	279577	356234	2.65%	0.342%
79	19.422	2785	2794	2802	rVV	1086163	1821151	13.54%	1.750%
80	19.757	2846	2851	2859	rBV2	143707	297477	2.21%	0.286%
81	19.927	2869	2880	2885	rVB2	292435	696474	5.18%	0.669%
82	20.027	2893	2897	2902	rBV2	256789	327075	2.43%	0.314%
83	20.086	2903	2907	2911	rVB	181464	230417	1.71%	0.221%
84	20.227	2927	2931	2934	rBV	134257	158185	1.18%	0.152%
85	20.269	2935	2938	2945	rVB	167066	276049	2.05%	0.265%
86	20.892	3040	3044	3047	rBV	130570	156019	1.16%	0.150%
87	21.210	3091	3098	3102	rBV2	3559297	5252709	39.07%	5.048%
88	21.245	3102	3104	3110	rVB	374660	457113	3.40%	0.439%
89	21.404	3128	3131	3139	rVB3	146828	262734	1.95%	0.252%
90	21.763	3190	3192	3196	rVB2	143218	141560	1.05%	0.136%
91	21.833	3201	3204	3208	rVB	180319	211381	1.57%	0.203%
92	21.986	3227	3230	3236	rVB2	123544	168240	1.25%	0.162%
93	22.292	3279	3282	3289	rVB	282860	379716	2.82%	0.365%
94	22.763	3357	3362	3363	rBV2	178428	291667	2.17%	0.280%
95	22.792	3364	3367	3373	rVB	398368	604721	4.50%	0.581%
96	23.221	3436	3440	3444	rBV	117224	184787	1.37%	0.178%
97	23.310	3451	3455	3458	rBV2	186014	286036	2.13%	0.275%
98	23.351	3459	3462	3465	rVV	203707	278954	2.07%	0.268%
99	23.410	3465	3472	3478	rVB	2336932	4196503	31.21%	4.033%
100	23.980	3566	3569	3577	rVB2	182142	308980	2.30%	0.297%

Sum of corrected areas: 104057419

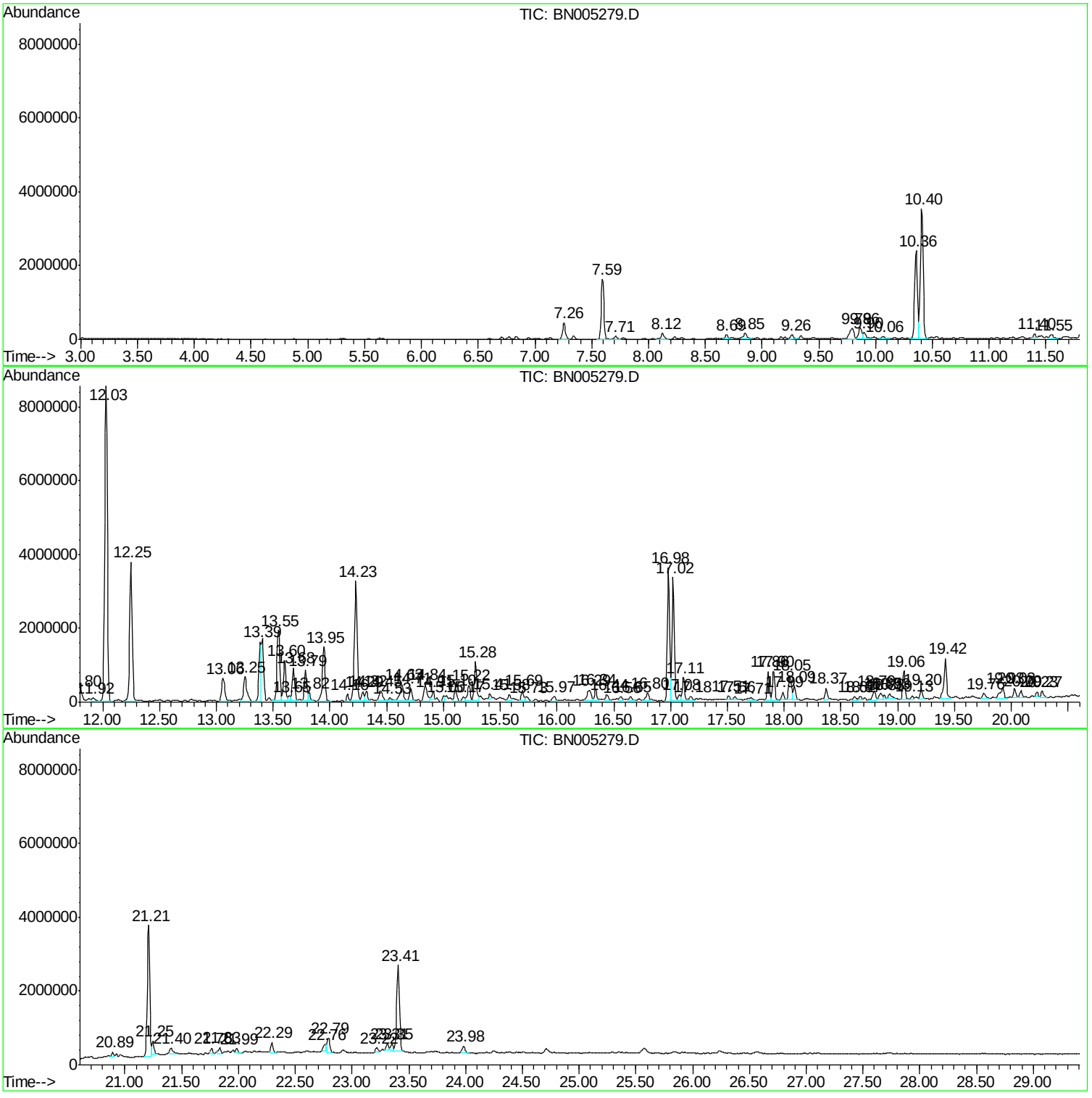
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005279.D
Acq On : 25 Apr 2019 08:35
Operator : JU/SJ
Sample : K2455-06DL 30X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHQ8DL

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\BN042419\
Data File : BN005279.D
Acq On : 25 Apr 2019 08:35
Operator : JU/SJ
Sample : K2455-06DL 30X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHQ8DL

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

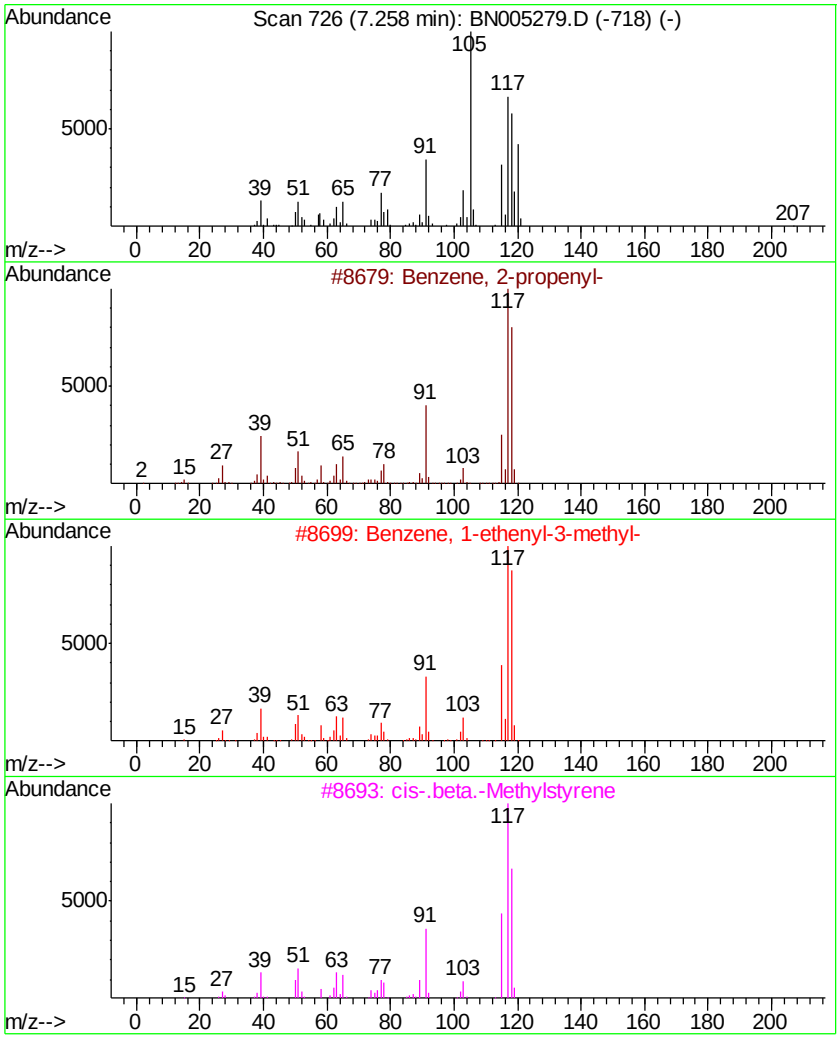
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

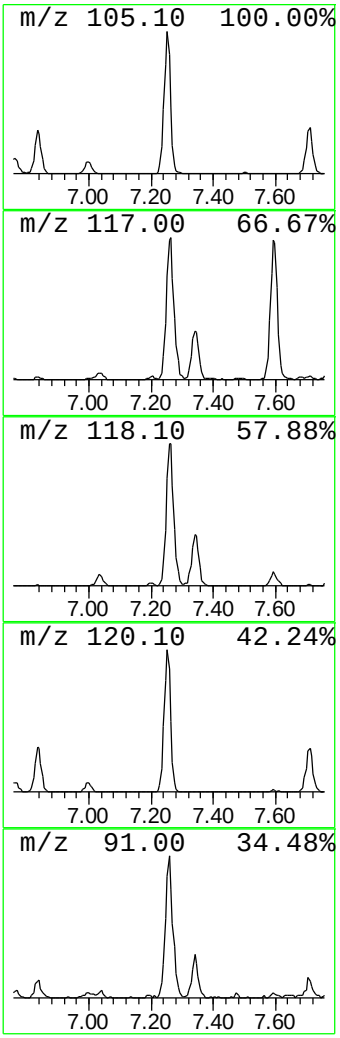
****

Peak Number 1 Benzene, 2-propenyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.26	5.91 ng/ul	765542	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	cis-.beta.-Methylstyrene	118	C9H10	000766-90-5	46
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	46
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	022250-74-4	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005279.D
Acq On : 25 Apr 2019 08:35
Operator : JU/SJ
Sample : K2455-06DL 30X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHQ8DL

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

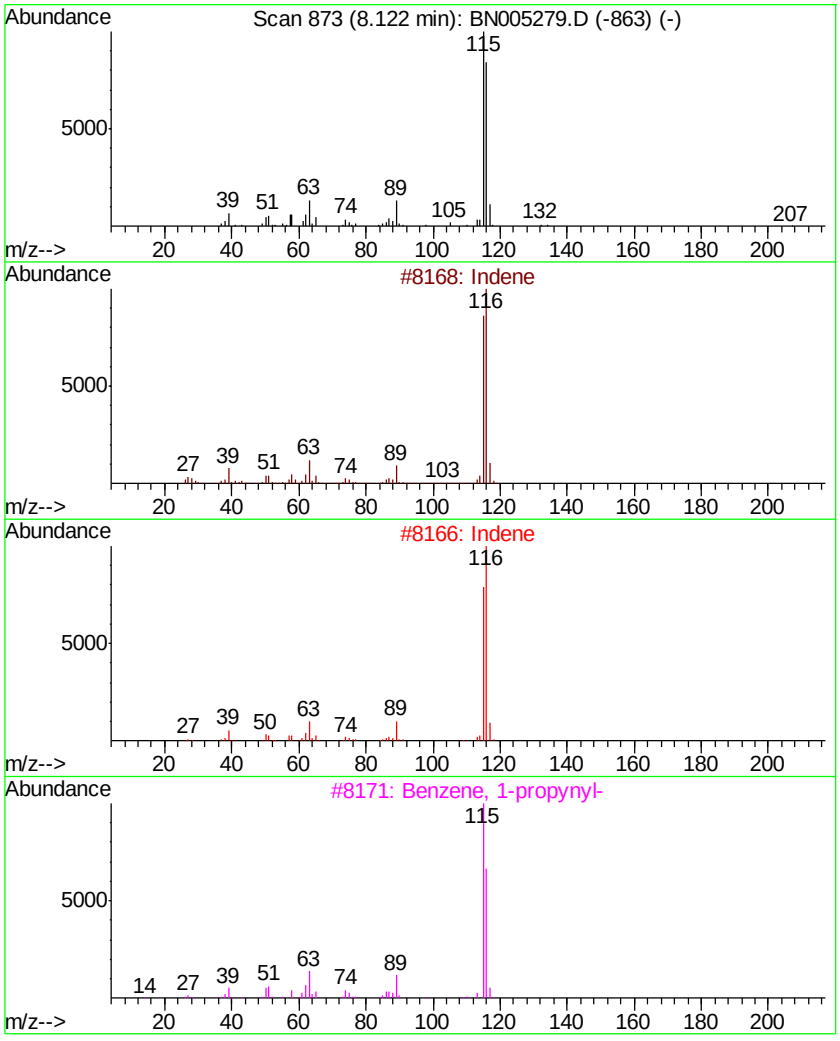
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

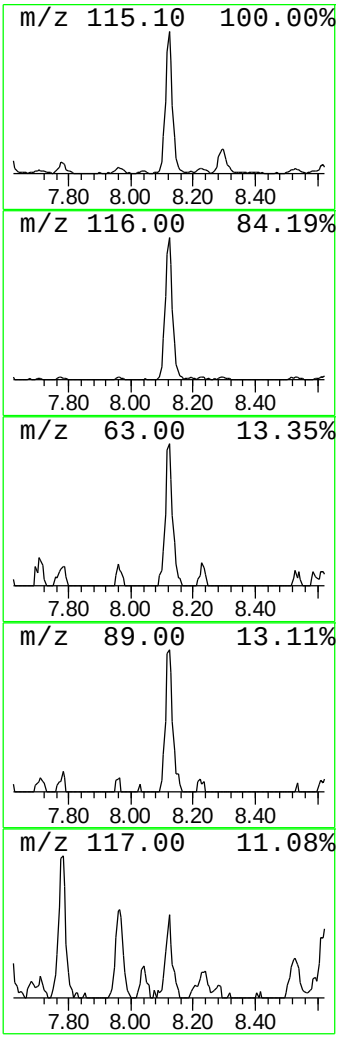
****

Peak Number 2 Indene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.12	2.27 ng/ul	294014	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	95
2	Indene	116	C9H8	000095-13-6	94
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
4	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91





Library Search Compound Report

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Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHQ8DL

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

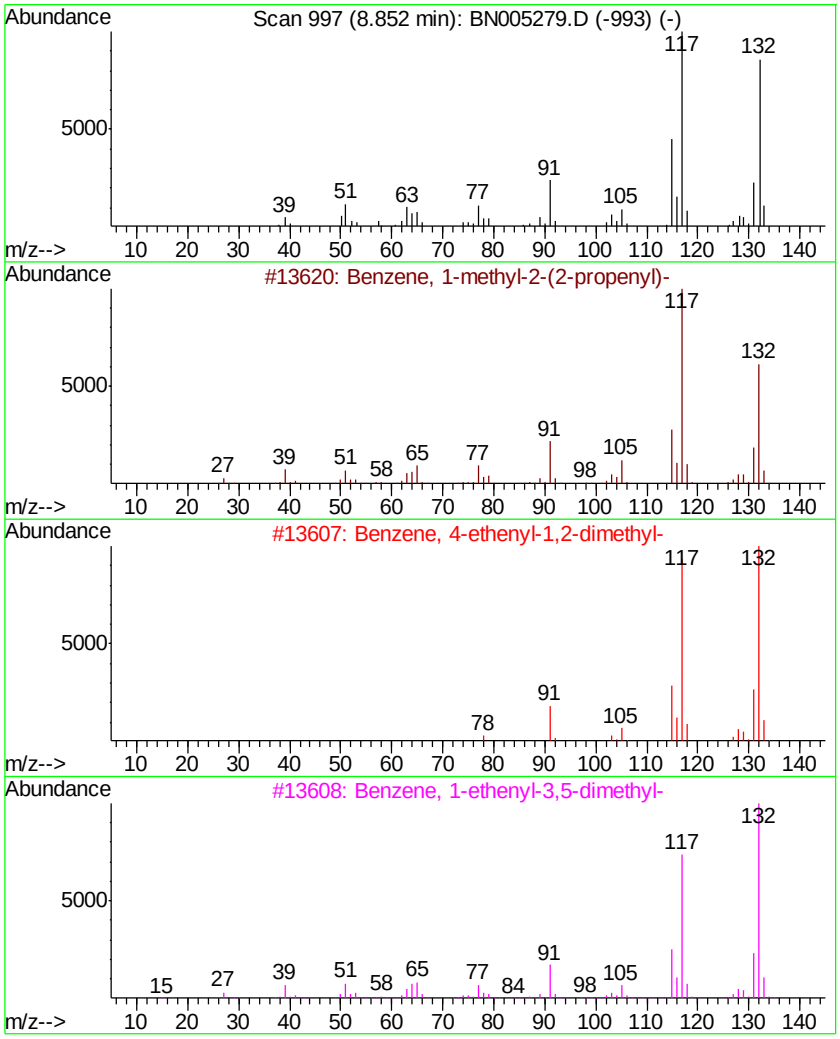
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

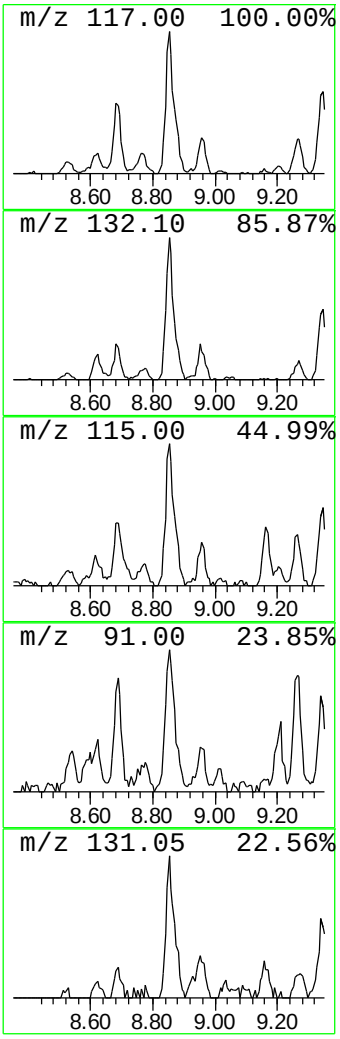
****

Peak Number 3 Benzene, 1-methyl-2-(2-prop... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.85	2.25 ng/ul	291994	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	95
2	Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	95
3	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	94
4	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	94
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005279.D
Acq On : 25 Apr 2019 08:35
Operator : JU/SJ
Sample : K2455-06DL 30X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHQ8DL

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

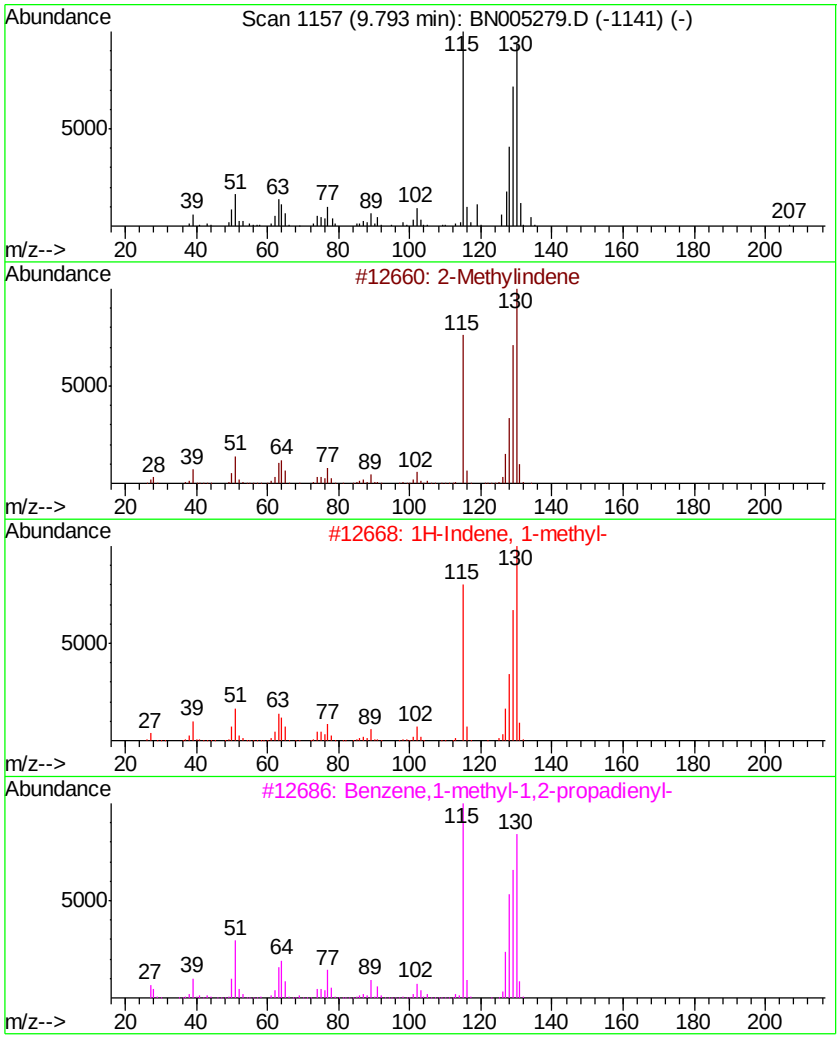
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

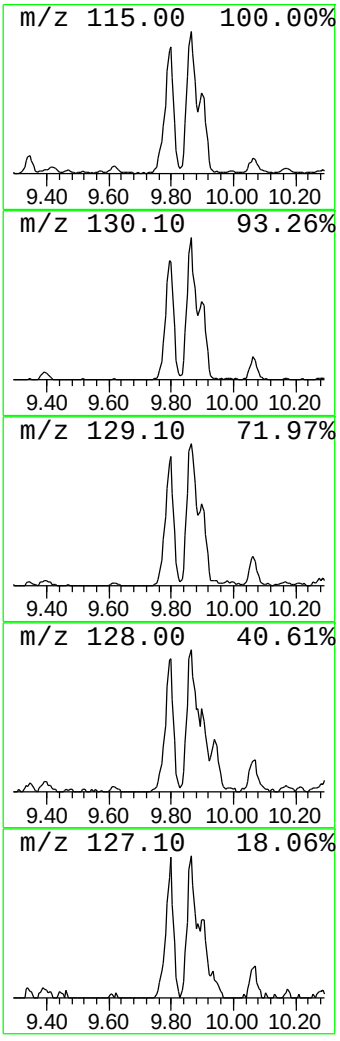
****

Peak Number 4 2-Methylindene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	3.87 ng/ul	800865	Naphthalene-d8	10.36

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





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005279.D
Acq On : 25 Apr 2019 08:35
Operator : JU/SJ
Sample : K2455-06DL 30X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHQ8DL

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

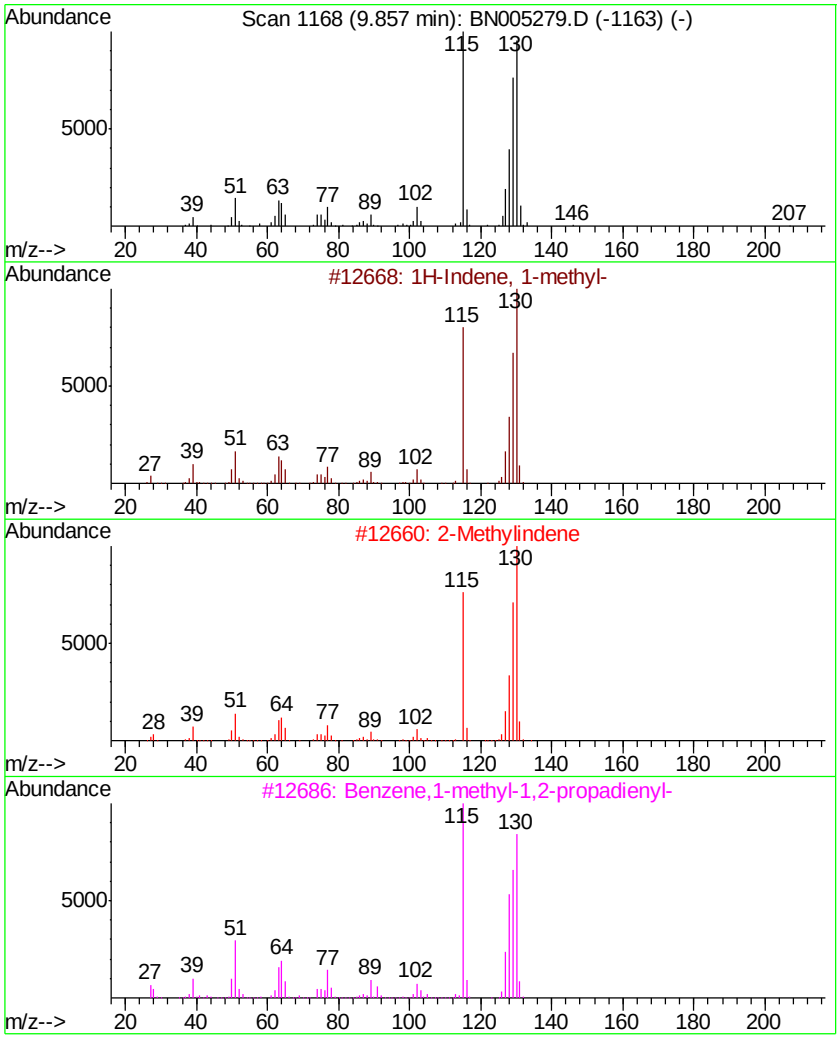
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

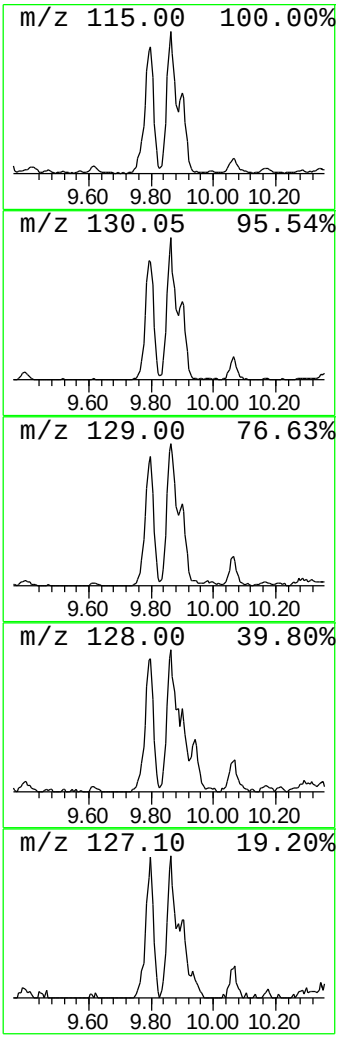
****

Peak Number 5 1H-Indene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.86	2.86 ng/ul	592551	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	2-Methylindene	130	C10H10	002177-47-1	94
3	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	93
4	Benzene, 1-butynyl-	130	C10H10	000622-76-4	93
5	2-Methylindene	130	C10H10	002177-47-1	93





Library Search Compound Report

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Data File : BN005279.D
Acq On : 25 Apr 2019 08:35
Operator : JU/SJ
Sample : K2455-06DL 30X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHQ8DL

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Quant Title : SVOA CALIBRATION

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

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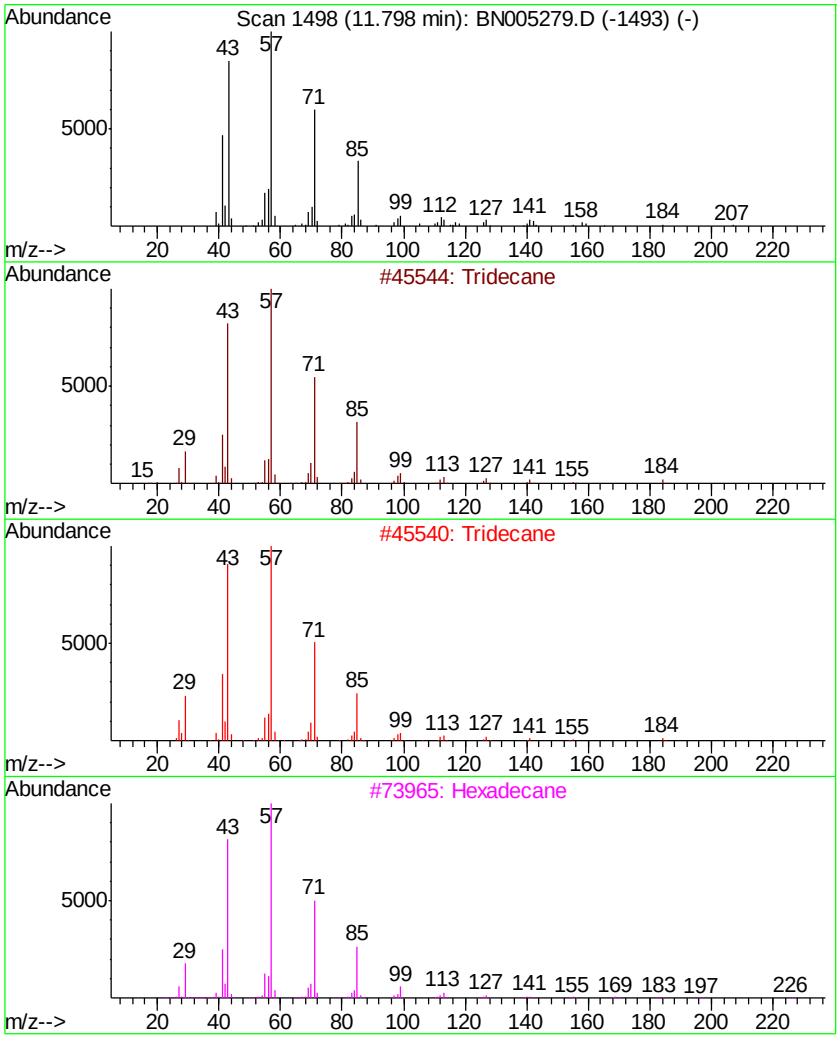
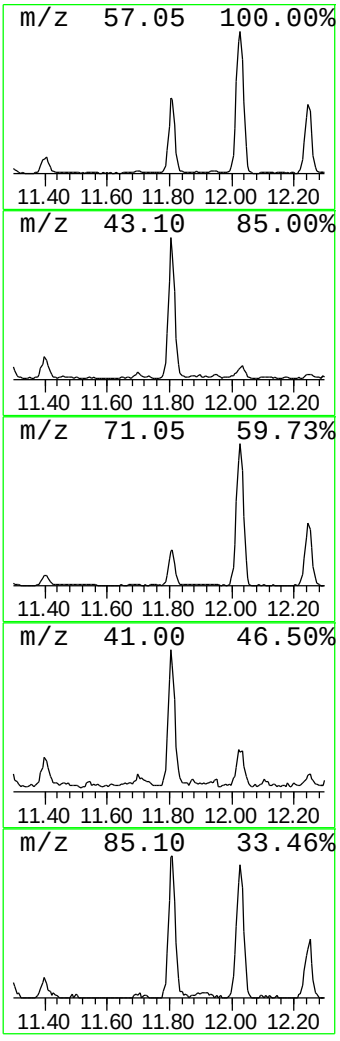
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	2.19 ng/ul	454316	Naphthalene-d8	10.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	97
2	Tridecane	184	C13H28	000629-50-5	95
3	Hexadecane	226	C16H34	000544-76-3	91
4	Pentadecane	212	C15H32	000629-62-9	90
5	Tetradecane	198	C14H30	000629-59-4	90





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Acq On : 25 Apr 2019 08:35
Operator : JU/SJ
Sample : K2455-06DL 30X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHQ8DL

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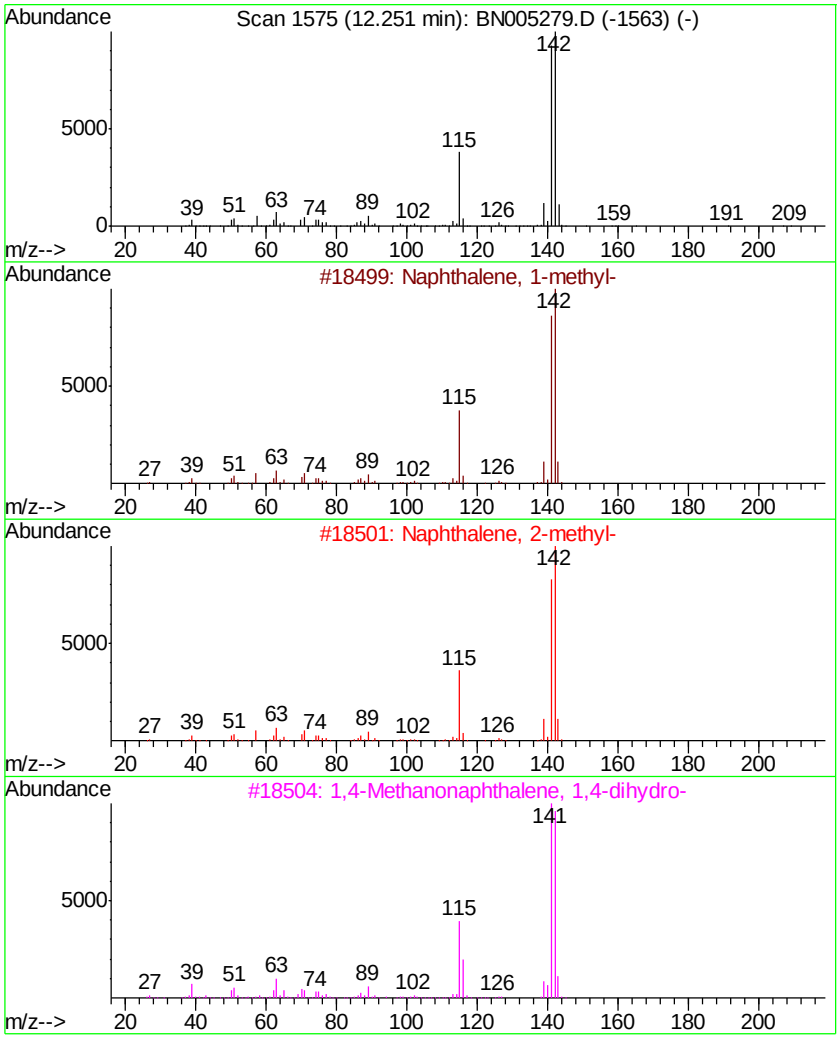
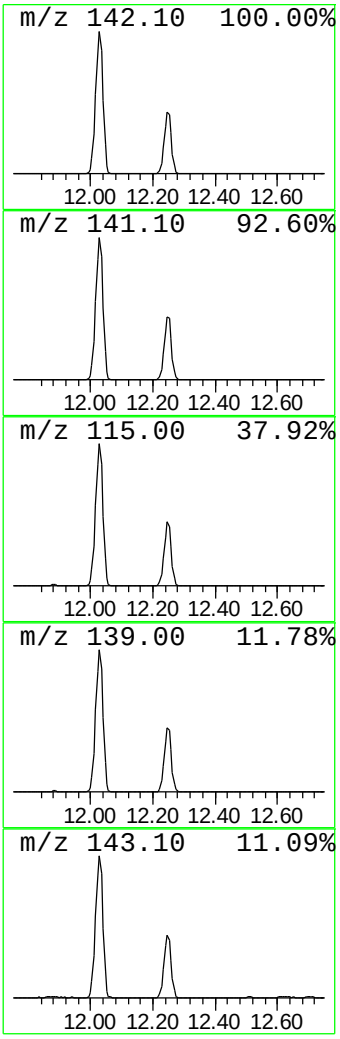
Peak Number 7 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	29.33 ng/ul	6071870	Naphthalene-d8	10.36

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





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Acq On : 25 Apr 2019 08:35
Operator : JU/SJ
Sample : K2455-06DL 30X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHQ8DL

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Quant Title : SVOA CALIBRATION

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

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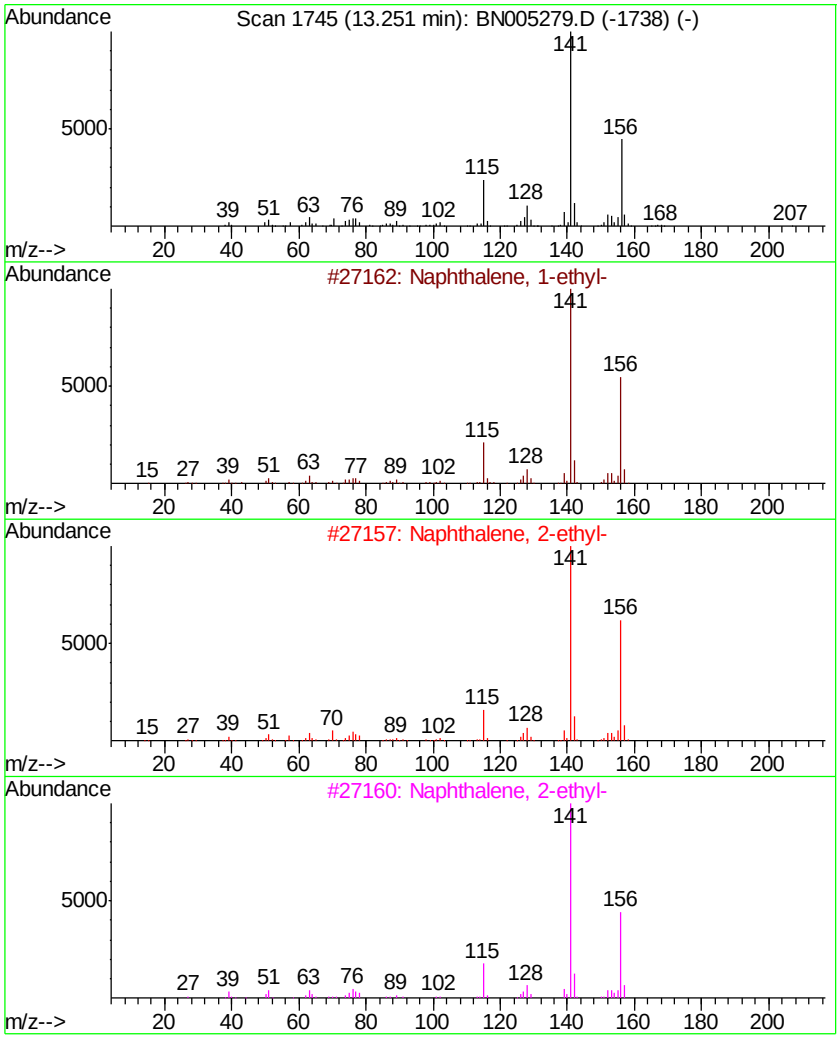
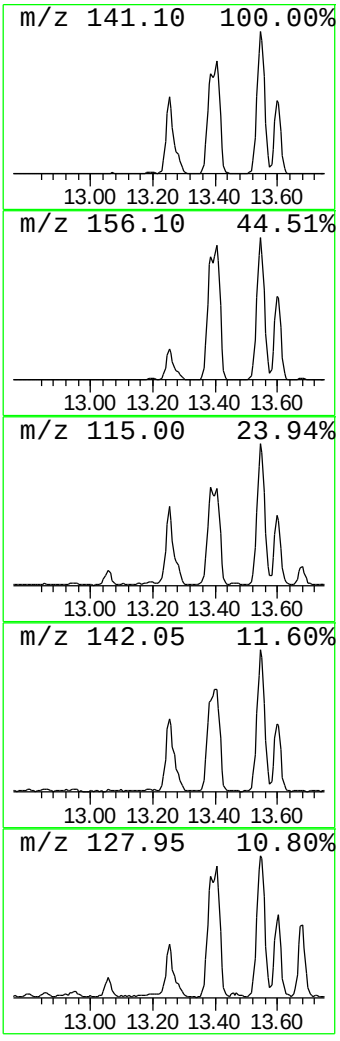
Peak Number 8 Naphthalene, 1-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	5.00 ng/ul	1339750	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	94
3	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94





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Acq On : 25 Apr 2019 08:35
Operator : JU/SJ
Sample : K2455-06DL 30X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHQ8DL

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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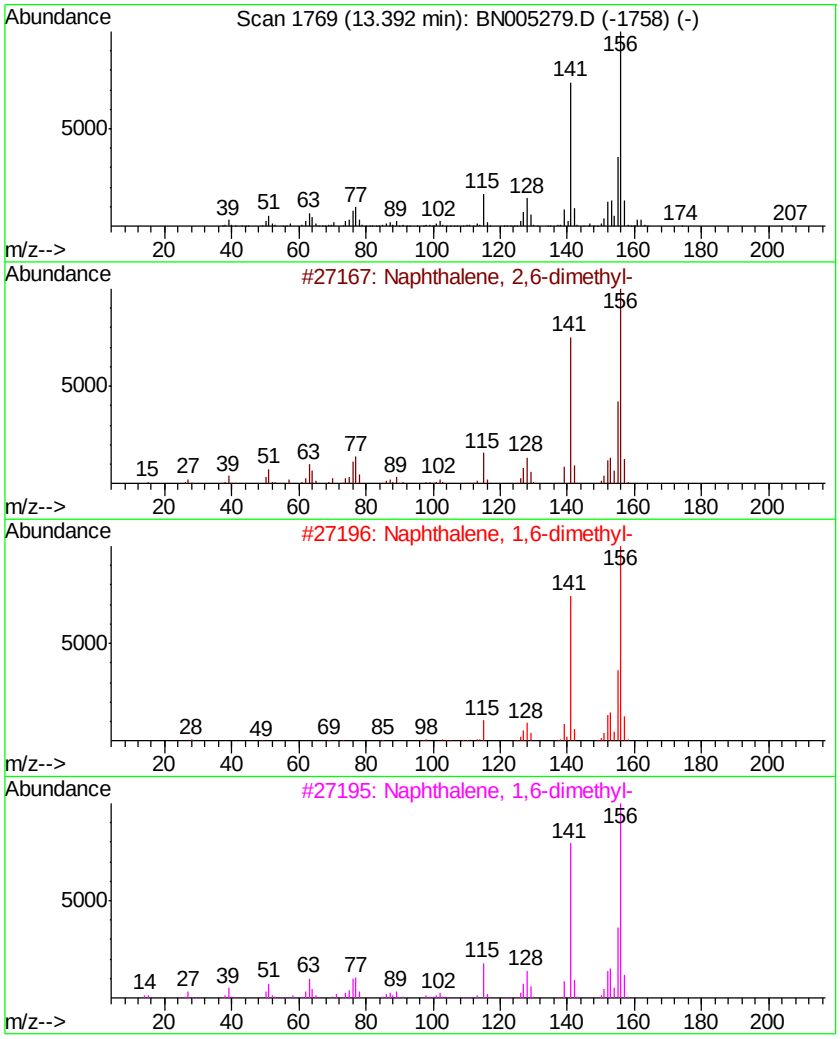
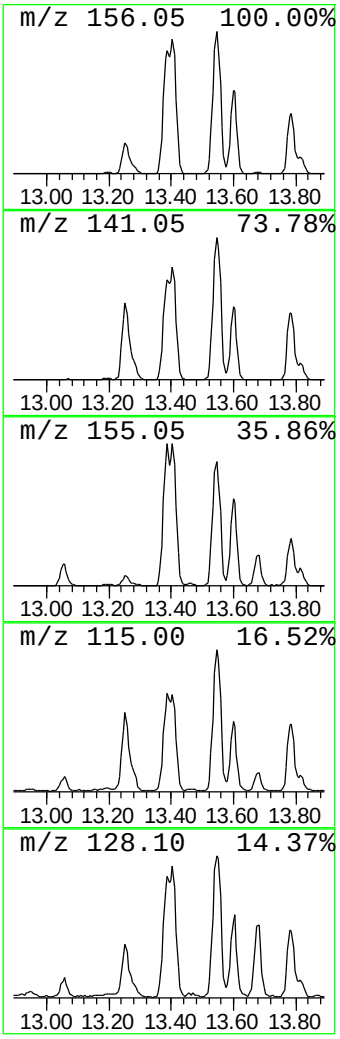
Peak Number 9 Naphthalene, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	8.31 ng/ul	2224760	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,6-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
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96





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Acq On : 25 Apr 2019 08:35
Operator : JU/SJ
Sample : K2455-06DL 30X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHQ8DL

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Quant Title : SVOA CALIBRATION

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

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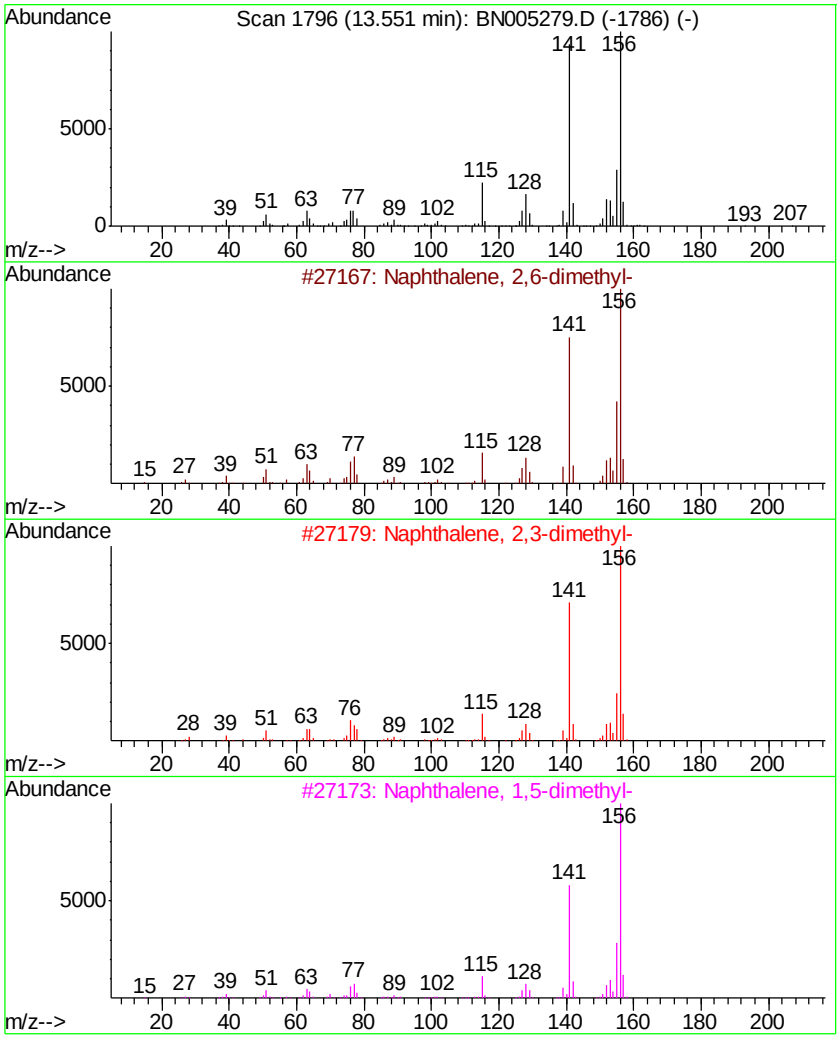
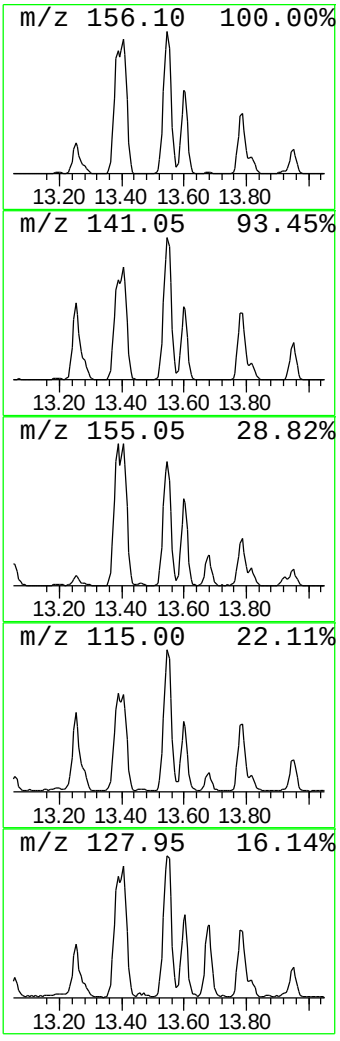
Peak Number 10 Naphthalene, 2,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	12.41 ng/ul	3321450	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96





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Acq On : 25 Apr 2019 08:35
Operator : JU/SJ
Sample : K2455-06DL 30X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHQ8DL

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Quant Title : SVOA CALIBRATION

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

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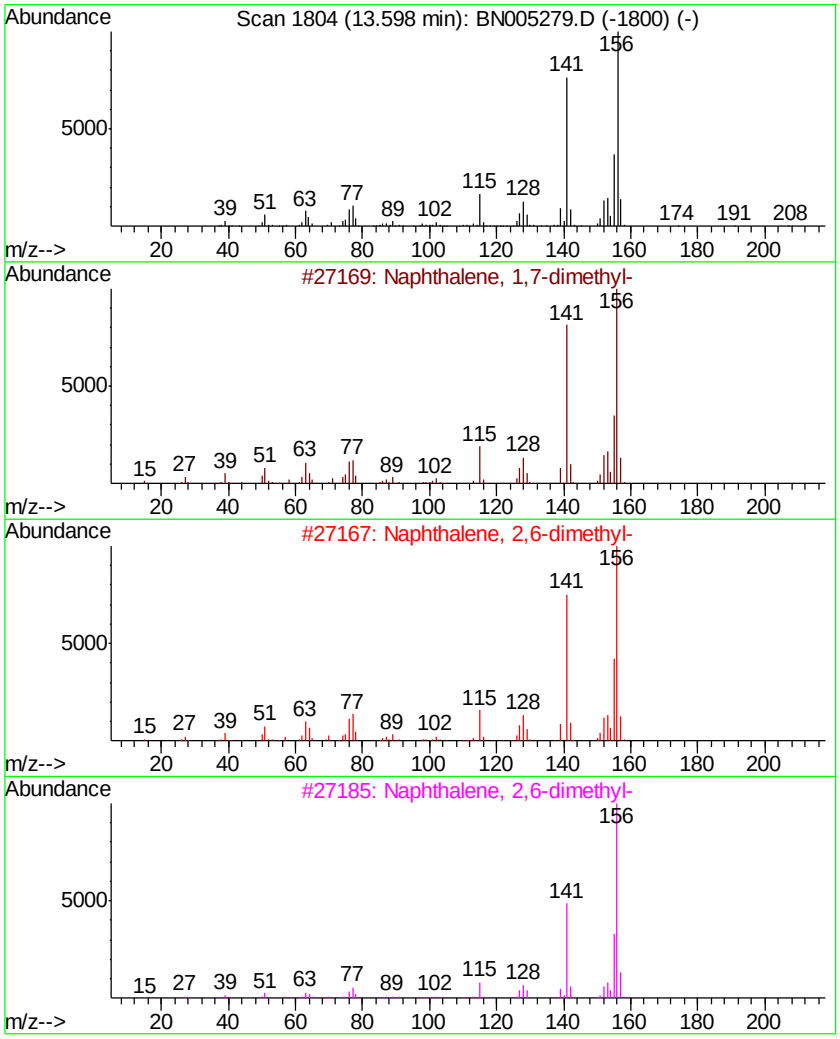
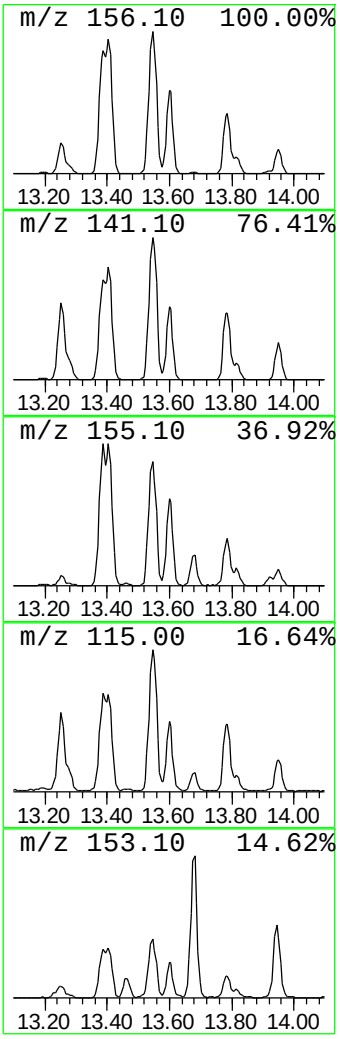
Peak Number 11 Naphthalene, 1,7-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.60	6.06 ng/ul	1620960	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97





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Acq On : 25 Apr 2019 08:35
Operator : JU/SJ
Sample : K2455-06DL 30X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHQ8DL

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Quant Title : SVOA CALIBRATION

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

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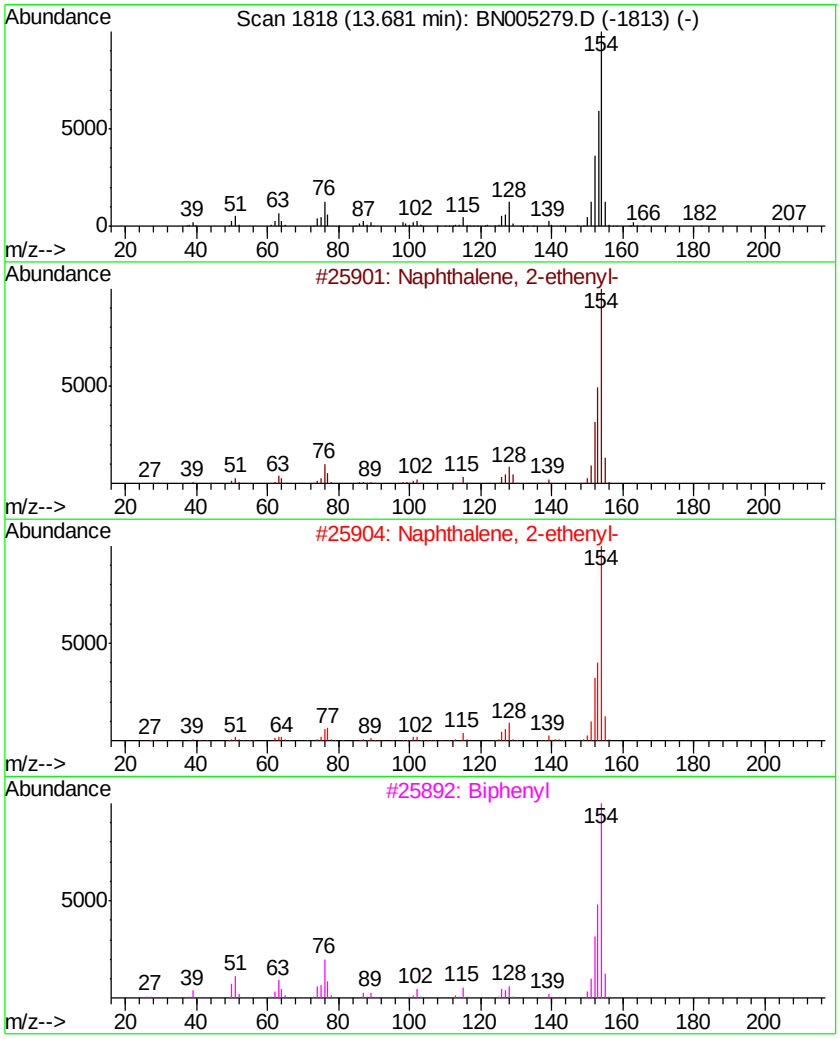
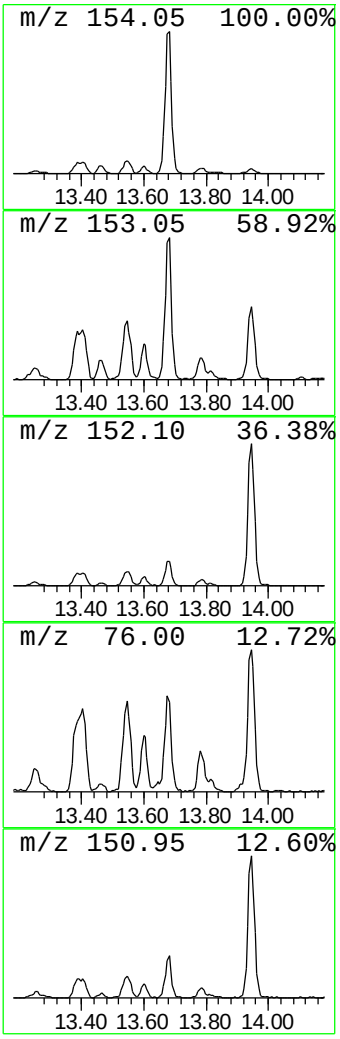
Peak Number 12 Naphthalene, 2-ethenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.68	5.11 ng/ul	1366670	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	96
2	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	93
3	Biphenyl	154	C12H10	000092-52-4	83
4	Acenaphthene	154	C12H10	000083-32-9	81
5	Biphenyl	154	C12H10	000092-52-4	76





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Operator : JU/SJ
Sample : K2455-06DL 30X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHQ8DL

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Quant Title : SVOA CALIBRATION

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

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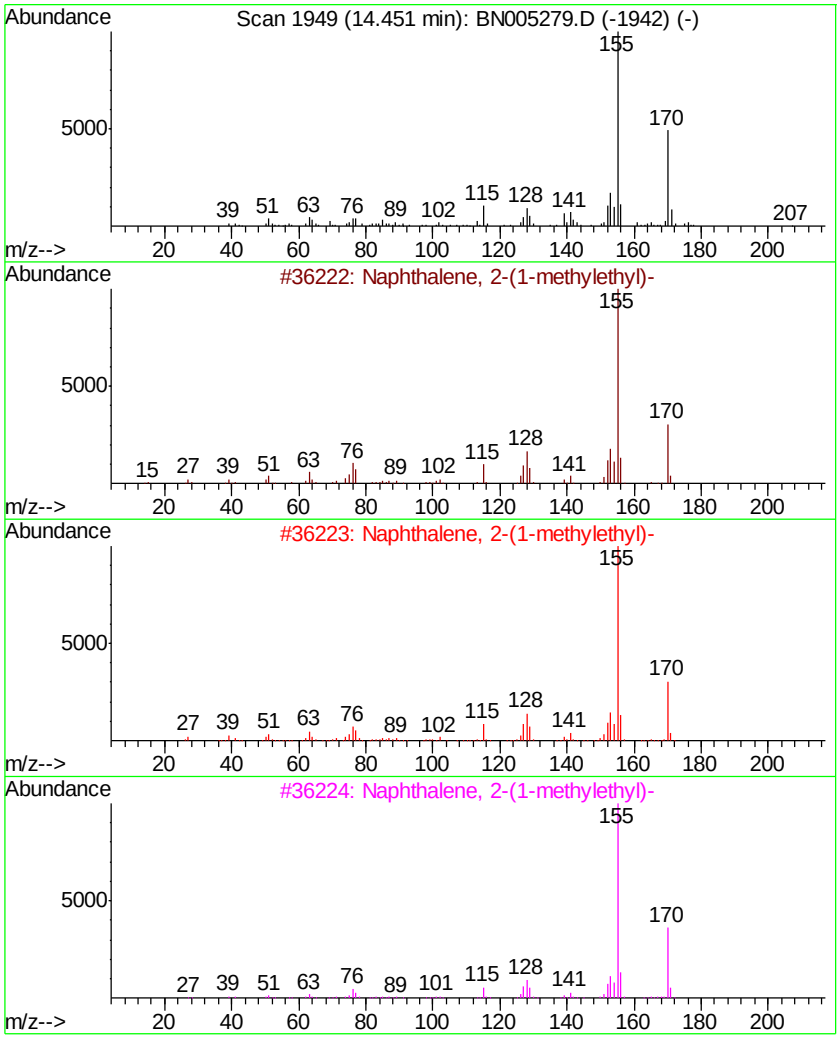
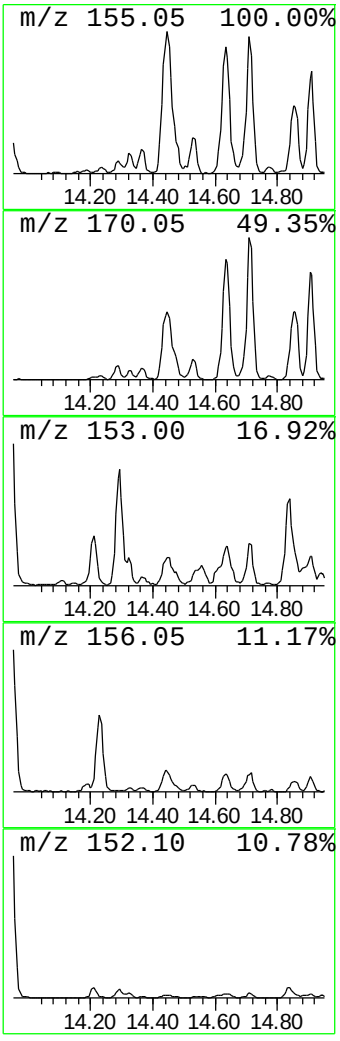
Peak Number 14 Naphthalene, 2-(1-methyleth... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.45	2.20 ng/ul	588902	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	94
2	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
3	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
4	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	76
5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	76





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Operator : JU/SJ
Sample : K2455-06DL 30X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHQ8DL

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Quant Title : SVOA CALIBRATION

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

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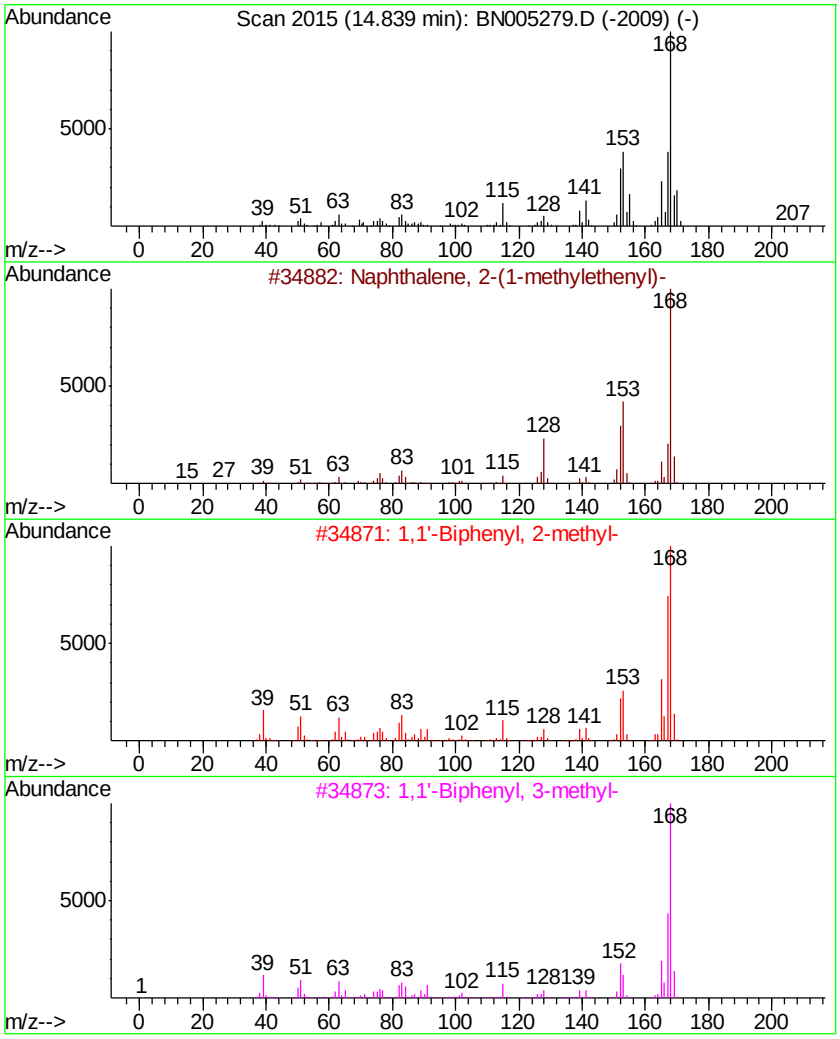
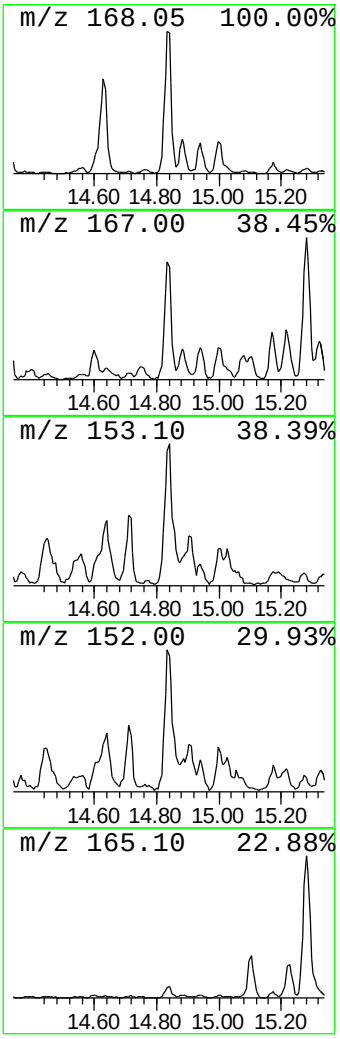
Peak Number 15 Naphthalene, 2-(1-methyleth... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	3.44 ng/ul	919742	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	68
2	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	52
3	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	50
4	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	47
5	Benzofuran, 5-chloro-2,3-dihydro...	168	C9H9ClO	054410-96-7	47





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Sample : K2455-06DL 30X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHQ8DL

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Quant Title : SVOA CALIBRATION

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

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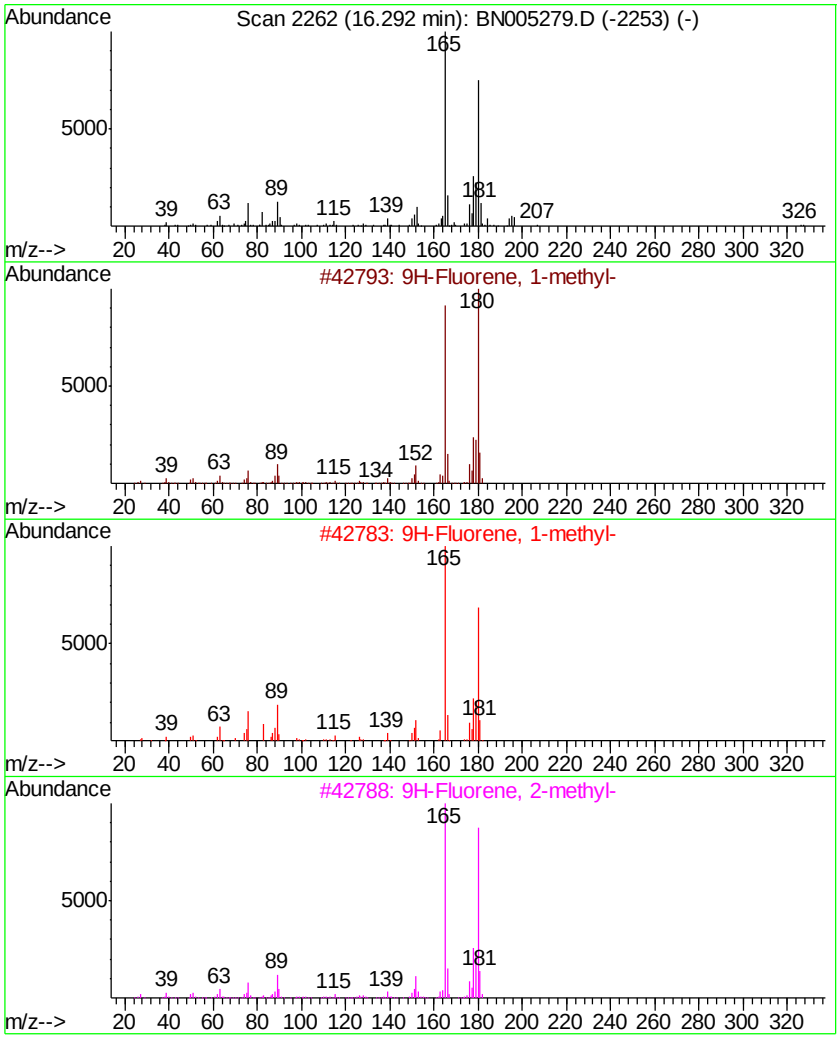
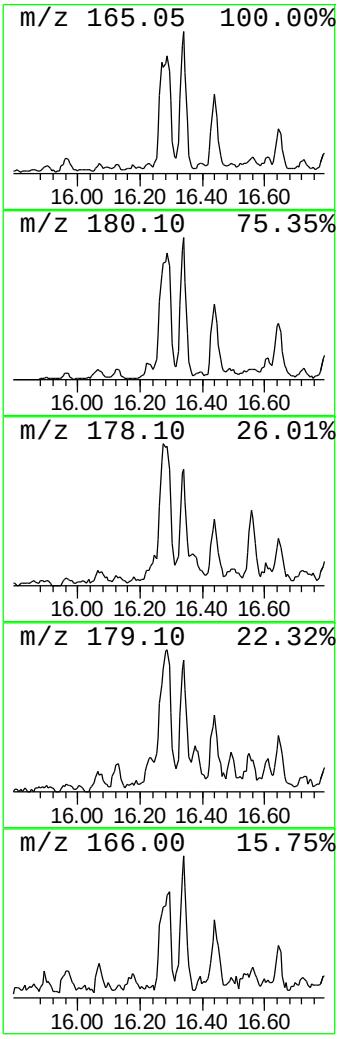
Peak Number 16 9H-Fluorene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	2.65 ng/ul	694011	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	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	95
4	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	95
5	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	94





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Sample : K2455-06DL 30X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHQ8DL

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Quant Title : SVOA CALIBRATION

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

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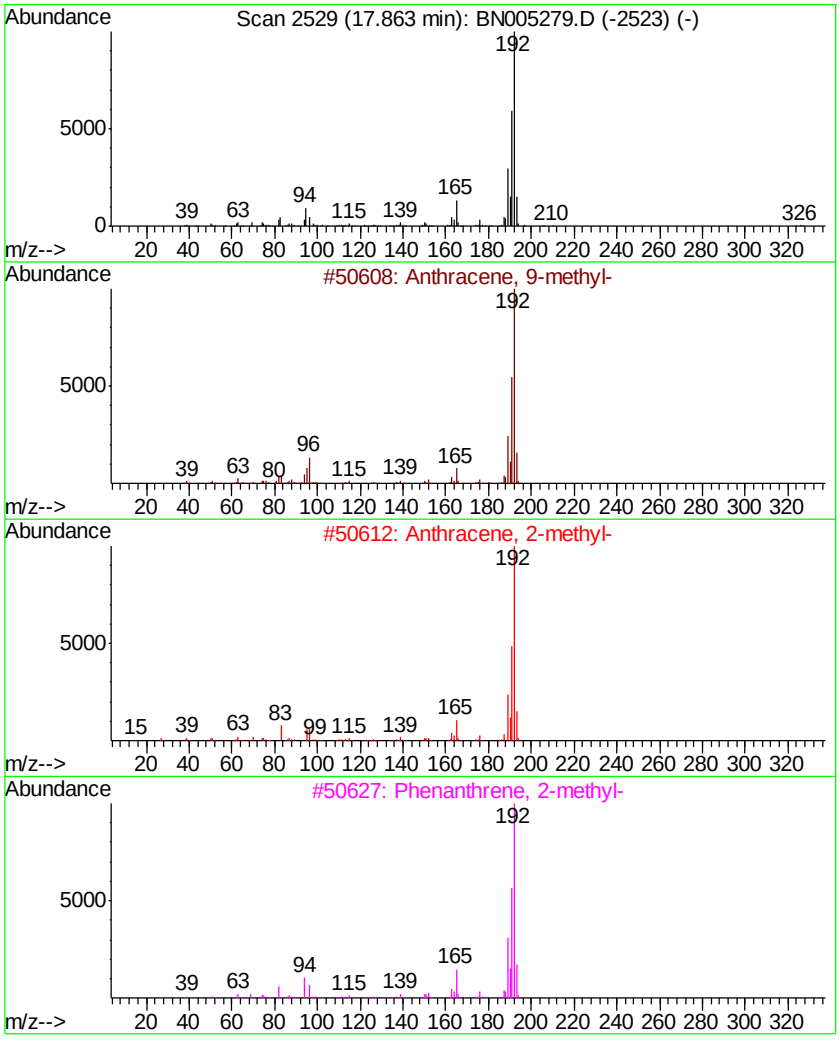
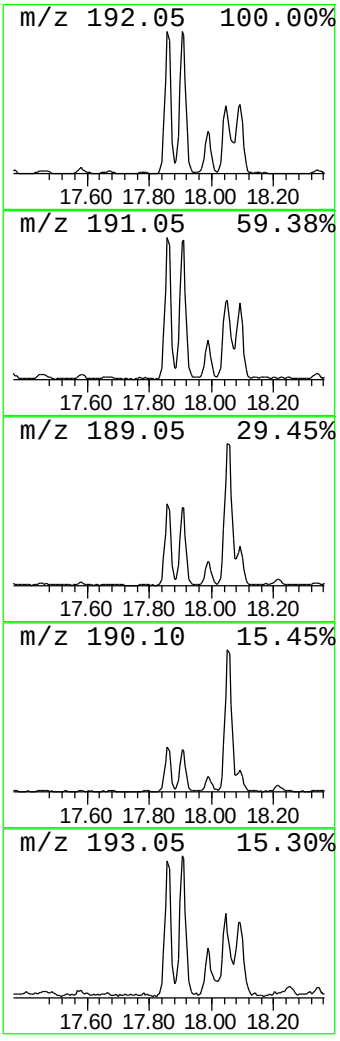
Peak Number 17 Anthracene, 9-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.86	3.97 ng/ul	1042750	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91





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Data File : BN005279.D
Acq On : 25 Apr 2019 08:35
Operator : JU/SJ
Sample : K2455-06DL 30X
Misc :
ALS Vial : 35 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

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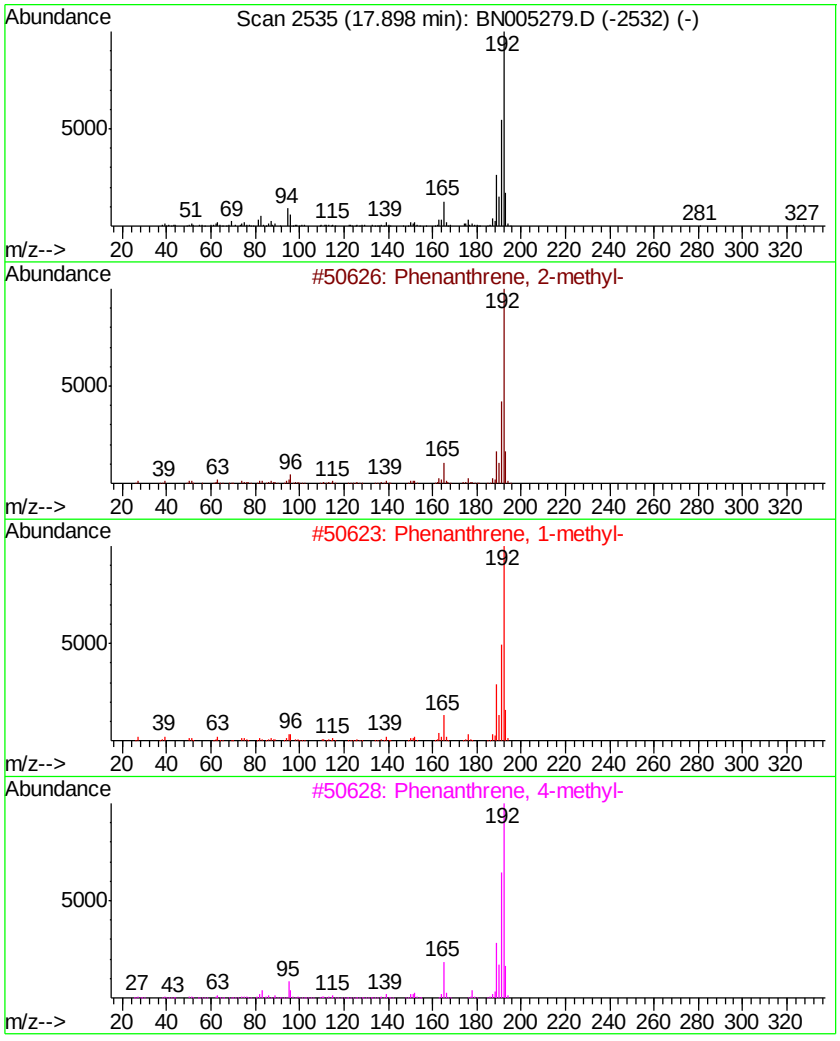
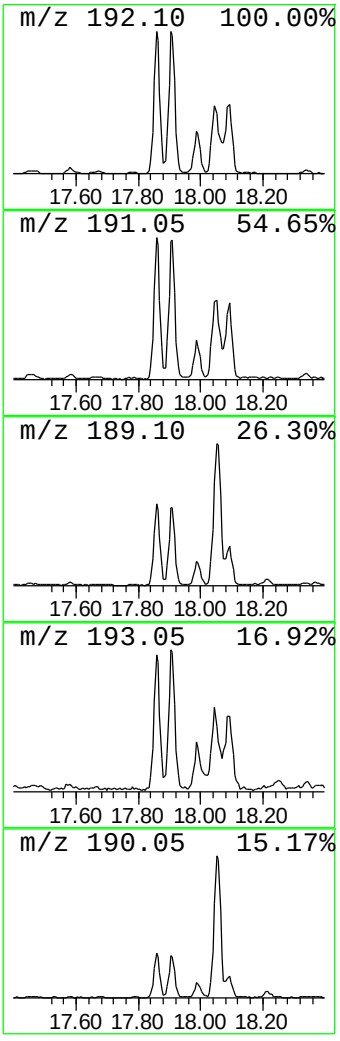
Peak Number 18 Phenanthrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.90	4.19 ng/ul	1099570	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	96
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005279.D
Acq On : 25 Apr 2019 08:35
Operator : JU/SJ
Sample : K2455-06DL 30X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHQ8DL

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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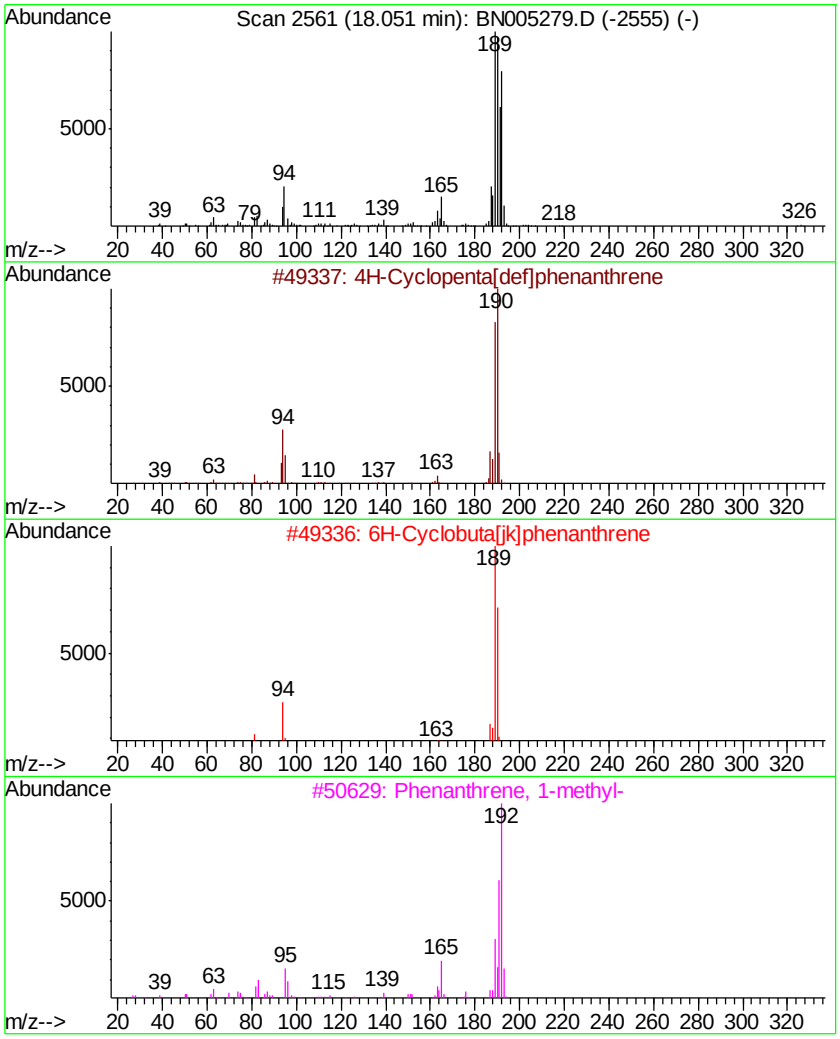
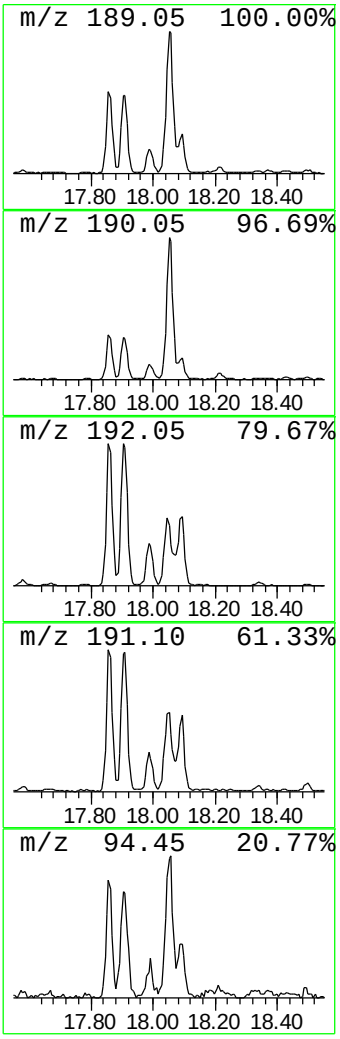
Peak Number 19 4H-Cyclopenta[def]phenanthrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.05	4.45 ng/ul	1167150	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	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42
4	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	42
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005279.D
Acq On : 25 Apr 2019 08:35
Operator : JU/SJ
Sample : K2455-06DL 30X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHQ8DL

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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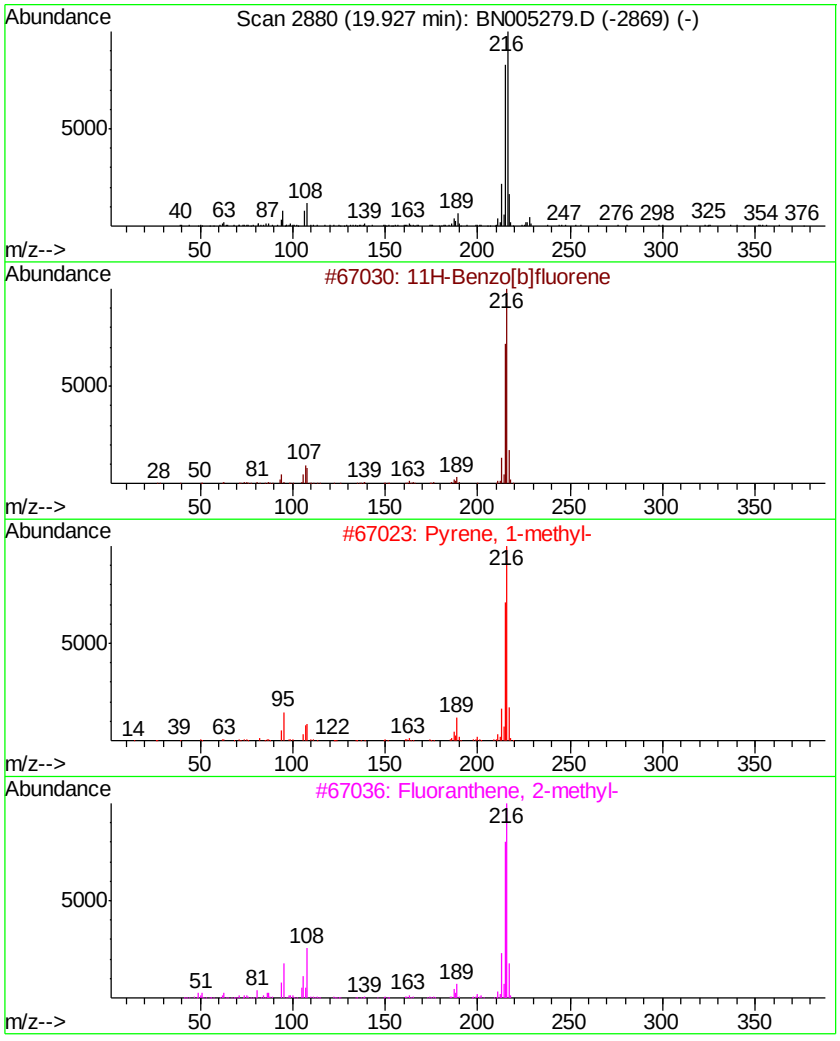
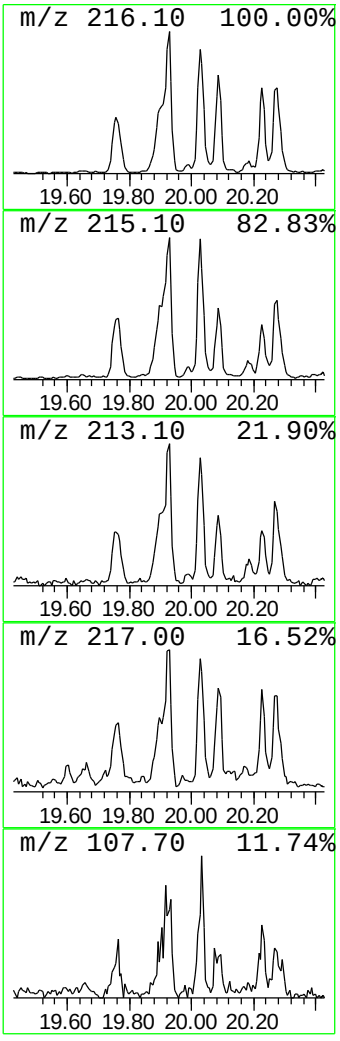
Peak Number 20 11H-Benzo[b]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.93	2.65 ng/ul	696474	Chrysene-d12	21.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042419\
Data File : BN005279.D
Acq On : 25 Apr 2019 08:35
Operator : JU/SJ
Sample : K2455-06DL 30X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHQ8DL

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-	7.26	5.9	ng/ul	765542	1	7.59	2591080	20.0
Indene	8.12	2.3	ng/ul	294014	1	7.59	2591080	20.0
Benzene, 1-methyl...	8.85	2.3	ng/ul	291994	1	7.59	2591080	20.0
2-Methylindene	9.79	3.9	ng/ul	800865	2	10.36	4140440	20.0
1H-Indene, 1-methyl-	9.86	2.9	ng/ul	592551	2	10.36	4140440	20.0
(DEL) Alkane: Str...	11.80	2.2	ng/ul	454316	2	10.36	4140440	20.0
Naphthalene, 1-me...	12.25	29.3	ng/ul	6071870	2	10.36	4140440	20.0
Naphthalene, 1-et...	13.25	5.0	ng/ul	1339750	3	14.23	5353780	20.0
Naphthalene, 2,6-...	13.39	8.3	ng/ul	2224760	3	14.23	5353780	20.0
Naphthalene, 2,3-...	13.55	12.4	ng/ul	3321450	3	14.23	5353780	20.0
Naphthalene, 1,7-...	13.60	6.1	ng/ul	1620960	3	14.23	5353780	20.0
Naphthalene, 2-et...	13.68	5.1	ng/ul	1366670	3	14.23	5353780	20.0
Naphthalene, 2-(1...	14.45	2.2	ng/ul	588902	3	14.23	5353780	20.0
Naphthalene, 2-(1...	14.84	3.4	ng/ul	919742	3	14.23	5353780	20.0
9H-Fluorene, 1-me...	16.29	2.6	ng/ul	694011	4	16.98	5246690	20.0
Anthracene, 9-met...	17.86	4.0	ng/ul	1042750	4	16.98	5246690	20.0
Phenanthrene, 2-m...	17.90	4.2	ng/ul	1099570	4	16.98	5246690	20.0
4H-Cyclopenta[def...	18.05	4.5	ng/ul	1167150	4	16.98	5246690	20.0
11H-Benzo[b]fluorene	19.93	2.6	ng/ul	696474	5	21.21	5252710	20.0