LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021020\
Data File : BN009698.D
Acq On : 10 Feb 2020 22:47
Operator : CG/JU
Sample : L1324-09MEDL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT66MEDL

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-BN020320MA.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	6.793	642	647	652	rBV	35583	56608	1.91%	0.127%
2	6.975	672	678	684	rBV	40220	67872	2.30%	0.152%
3	7.093	690	698	708	rBV4	104329	218521	7.39%	0.491%
4	7.428	746	755	767	rBV	604486	933341	31.57%	2.097%
5	7.952	836	844	853	rBV	195032	326397	11.04%	0.733%
6	8.152	873	878	884	rBV2	43408	75113	2.54%	0.169%
7	8.522	932	941	945	rBV5	24750	42658	1.44%	0.096%
8	8.581	945	951	959	rBV3	39950	89166	3.02%	0.200%
9	8.652	959	963	967	rBV	105995	142078	4.81%	0.319%
10	9.099	1035	1039	1046	rVB3	30255	65309	2.21%	0.147%
11	9.293	1067	1072	1075	rBV3	29741	51295	1.74%	0.115%
12	9.622	1120	1128	1134	rBV5	83463	214355	7.25%	0.482%
13	9.687	1134	1139	1143	rBV2	66585	110708	3.75%	0.249%
14	9.828	1159	1163	1169	rVV3	33253	56414	1.91%	0.127%
15	10.175	1213	1222	1226	rVV2	1045118	1727659	58.44%	3.881%
16	10.222	1226	1230	1240	rVV	1230099	2080695	70.39%	4.674%
17	10.363	1247	1254	1259	rVB2	100265	188271	6.37%	0.423%
18	11.034	1364	1368	1373	rVB4	28501	43707	1.48%	0.098%
19	11.116	1378	1382	1389	rVB2	51073	81471	2.76%	0.183%
20	11.222	1394	1400	1405	rBV	122670	197200	6.67%	0.443%
21	11.628	1459	1469	1476	rBV	392607	621158	21.01%	1.395%
22	11.845	1499	1506	1516	rVB	1461973	2370274	80.18%	5.325%
23	12.069	1538	1544	1557	rVB	798027	1271550	43.01%	2.856%
24	12.328	1584	1588	1595	rVB3	54676	90102	3.05%	0.202%
25	12.398	1595	1600	1607	rVB4	30130	51060	1.73%	0.115%
26	12.469	1607	1612	1617	rBV2	55810	84785	2.87%	0.190%
27	12.557	1622	1627	1631	rBV	32736	51138	1.73%	0.115%
28	12.610	1632	1636	1640	rVB	120695	146978	4.97%	0.330%
29	12.904	1676	1686	1697	rBV2	518546	948162	32.07%	2.130%
30	13.087	1711	1717	1729	rVB	181252	360133	12.18%	0.809%
31	13.222	1734	1740	1741	rBV	291289	395787	13.39%	0.889%
32	13.381	1761	1767	1772	rBV	407565	694736	23.50%	1.561%
33	13.434	1772	1776	1781	rVB	238721	325559	11.01%	0.731%
34	13.492	1782	1786	1788	rBV	97411	139631	4.72%	0.314%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021020\
Data File : BN009698.D
Acq On : 10 Feb 2020 22:47
Operator : CG/JU
Sample : L1324-09MEDL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT66MEDL

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-BN020320MA.M
Title : SVOA CALIBRATION

35	13.575	1797	1800	1804	rVB	117973	148823	5.03%	0.334%
36	13.622	1804	1808	1812	rBV	220422	312138	10.56%	0.701%
37	13.781	1825	1835	1844	rBV2	651150	1192091	40.33%	2.678%
38	13.998	1867	1872	1876	rBV	500414	614457	20.79%	1.380%
39	14.063	1876	1883	1890	rVV3	1219589	1952842	66.06%	4.387%
40	14.128	1890	1894	1898	rVV2	92424	147129	4.98%	0.331%
41	14.163	1898	1900	1905	rVB2	55671	68961	2.33%	0.155%
42	14.287	1916	1921	1928	rBV	48914	99238	3.36%	0.223%
43	14.475	1944	1953	1957	rBV3	136813	307304	10.40%	0.690%
44	14.557	1963	1967	1971	rVB2	108676	141381	4.78%	0.318%
45	14.622	1974	1978	1984	rVB2	94889	124898	4.23%	0.281%
46	14.687	1984	1989	1996	rBV3	129543	272024	9.20%	0.611%
47	14.751	1997	2000	2004	rVB2	78704	92910	3.14%	0.209%
48	14.869	2013	2020	2023	rBV4	61475	138676	4.69%	0.312%
49	14.957	2029	2035	2040	rVB2	436308	608730	20.59%	1.367%
50	15.069	2049	2054	2059	rVB2	274303	405225	13.71%	0.910%
51	15.122	2059	2063	2069	rBV	462472	691877	23.40%	1.554%
52	15.251	2077	2085	2088	rBV6	58945	129700	4.39%	0.291%
53	15.334	2095	2099	2100	rBV2	41456	53200	1.80%	0.120%
54	15.369	2102	2105	2109	rVB	152666	202855	6.86%	0.456%
55	15.422	2109	2114	2118	rBV3	57855	103627	3.51%	0.233%
56	15.534	2128	2133	2137	rBV3	109166	189387	6.41%	0.425%
57	15.822	2177	2182	2185	rBV	387470	552567	18.69%	1.241%
58	16.133	2228	2235	2239	rBV	110922	232613	7.87%	0.523%
59	16.181	2240	2243	2248	rVV2	110228	160349	5.42%	0.360%
60	16.233	2248	2252	2255	rVB4	39586	52319	1.77%	0.118%
61	16.281	2256	2260	2265	rBV3	88282	117140	3.96%	0.263%
62	16.404	2278	2281	2287	rVB6	42302	73092	2.47%	0.164%
63	16.486	2292	2295	2301	rVB2	48740	70700	2.39%	0.159%
64	16.616	2313	2317	2323	rBV2	292281	524799	17.75%	1.179%
65	16.822	2346	2352	2355	rBV	1440860	1990973	67.35%	4.473%
66	16.863	2355	2359	2364	rVV	1694149	2245299	75.95%	5.044%
67	16.922	2364	2369	2371	rVV	188943	283839	9.60%	0.638%
68	16.951	2371	2374	2380	rVB	377151	529554	17.91%	1.190%
69	17.351	2438	2442	2447	rVV2	259361	330727	11.19%	0.743%
70	17.404	2447	2451	2458	rVB2	69592	111725	3.78%	0.251%
71	17.628	2484	2489	2494	rBV6	26879	59788	2.02%	0.134%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021020\
Data File : BN009698.D
Acq On : 10 Feb 2020 22:47
Operator : CG/JU
Sample : L1324-09MEDL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT66MEDL

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-BN020320MA.M
Title : SVOA CALIBRATION

72	17.698	2496	2501	2505	rVV	348449	495437	16.76%	1.113%
73	17.745	2505	2509	2515	rVV	387420	519890	17.59%	1.168%
74	17.828	2519	2523	2527	rVV	132547	196320	6.64%	0.441%
75	17.886	2528	2533	2538	rVV2	491766	895615	30.30%	2.012%
76	17.927	2538	2540	2550	rVB	221866	276873	9.37%	0.622%
77	18.045	2556	2560	2565	rVB	187704	211091	7.14%	0.474%
78	18.204	2583	2587	2591	rVV	151151	190876	6.46%	0.429%
79	18.457	2627	2630	2633	rVV3	47786	56651	1.92%	0.127%
80	18.510	2636	2639	2643	rVV3	54252	70200	2.37%	0.158%
81	18.627	2654	2659	2664	rBV2	162903	266903	9.03%	0.600%
82	18.692	2665	2670	2673	rVV3	227295	295122	9.98%	0.663%
83	18.769	2679	2683	2691	rBV3	80591	190949	6.46%	0.429%
84	18.892	2698	2704	2710	rBV	743572	972270	32.89%	2.184%
85	19.045	2726	2730	2736	rVB	190221	246547	8.34%	0.554%
86	19.257	2756	2766	2775	rBV2	1153821	2073568	70.14%	4.658%
87	19.592	2819	2823	2833	rVB2	118348	249229	8.43%	0.560%
88	19.727	2842	2846	2847	rBV2	110736	132892	4.50%	0.299%
89	19.763	2849	2852	2856	rVB	221073	289661	9.80%	0.651%
90	19.816	2858	2861	2865	rBV2	84291	107283	3.63%	0.241%
91	19.863	2865	2869	2874	rVB	204358	240595	8.14%	0.540%
92	19.922	2875	2879	2883	rBV	159229	204039	6.90%	0.458%
93	20.057	2899	2902	2906	rVV	121336	142183	4.81%	0.319%
94	20.104	2907	2910	2920	rVB	168643	256651	8.68%	0.577%
95	20.316	2943	2946	2949	rBV2	76827	92019	3.11%	0.207%
96	20.716	3011	3014	3017	rBV	79374	92155	3.12%	0.207%
97	21.033	3061	3068	3072	rBV2	1919181	2956150	100.00%	6.641%
98	21.069	3072	3074	3081	rVB	362320	420779	14.23%	0.945%
99	23.057	3408	3412	3419	rVB2	411732	741378	25.08%	1.665%
100	23.145	3421	3427	3433	rVV	1171186	1978188	66.92%	4.444%

Sum of corrected areas: 44514362

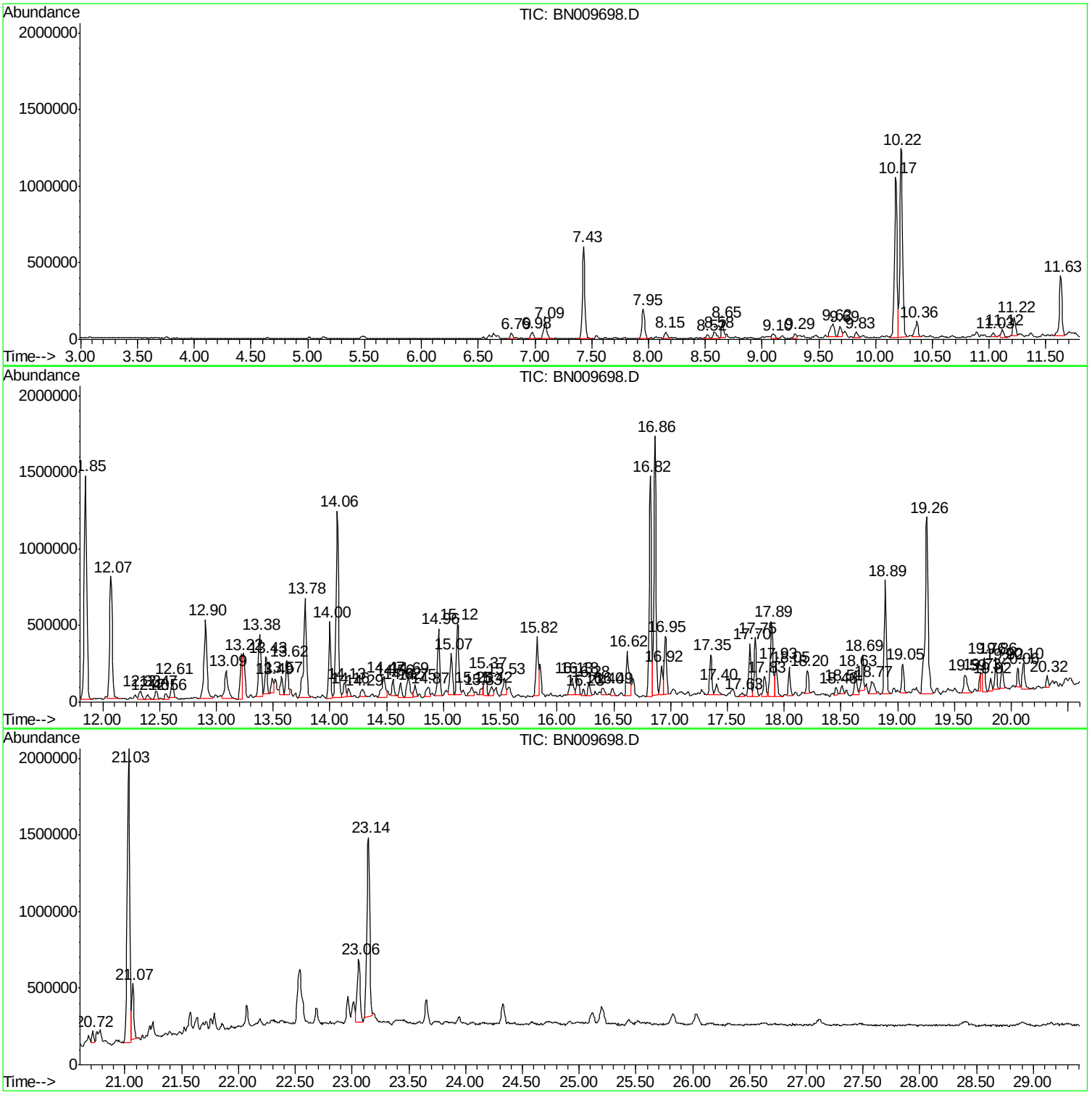
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021020\
Data File : BN009698.D
Acq On : 10 Feb 2020 22:47
Operator : CG/JU
Sample : L1324-09MEDL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT66MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021020\
Data File : BN009698.D
Acq On : 10 Feb 2020 22:47
Operator : CG/JU
Sample : L1324-09MEDL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT66MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

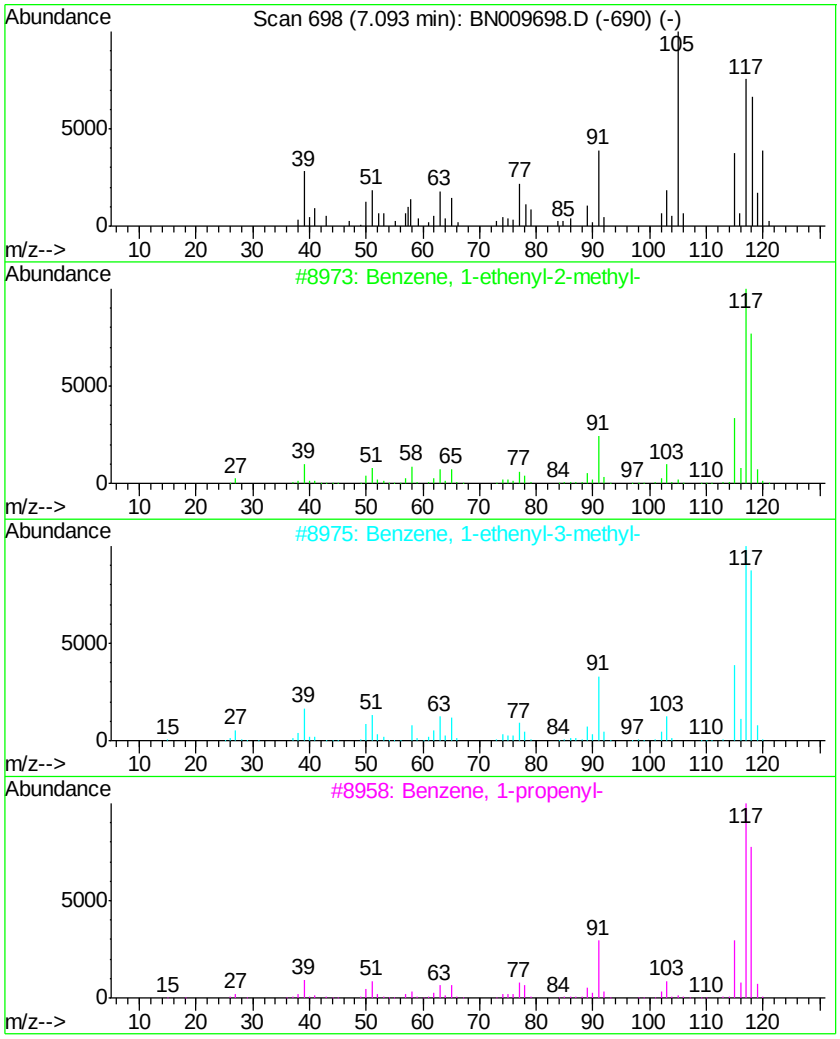
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

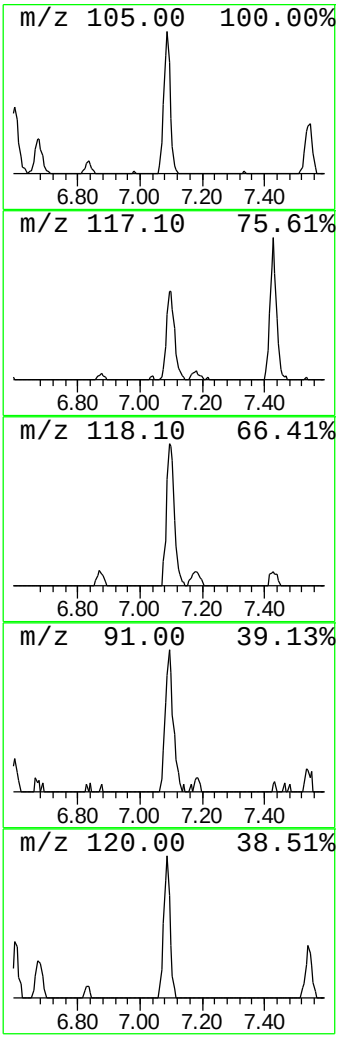
****

Peak Number 1 Benzene, 1-ethenyl-2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.09	4.68 ng/ul	218521	1,4-Dichlorobenzene-d4	7.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	60
2	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	60
3	Benzene, 1-propenyl-	118	C9H10	000637-50-3	60
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	55
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	55





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021020\
Data File : BN009698.D
Acq On : 10 Feb 2020 22:47
Operator : CG/JU
Sample : L1324-09MEDL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT66MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

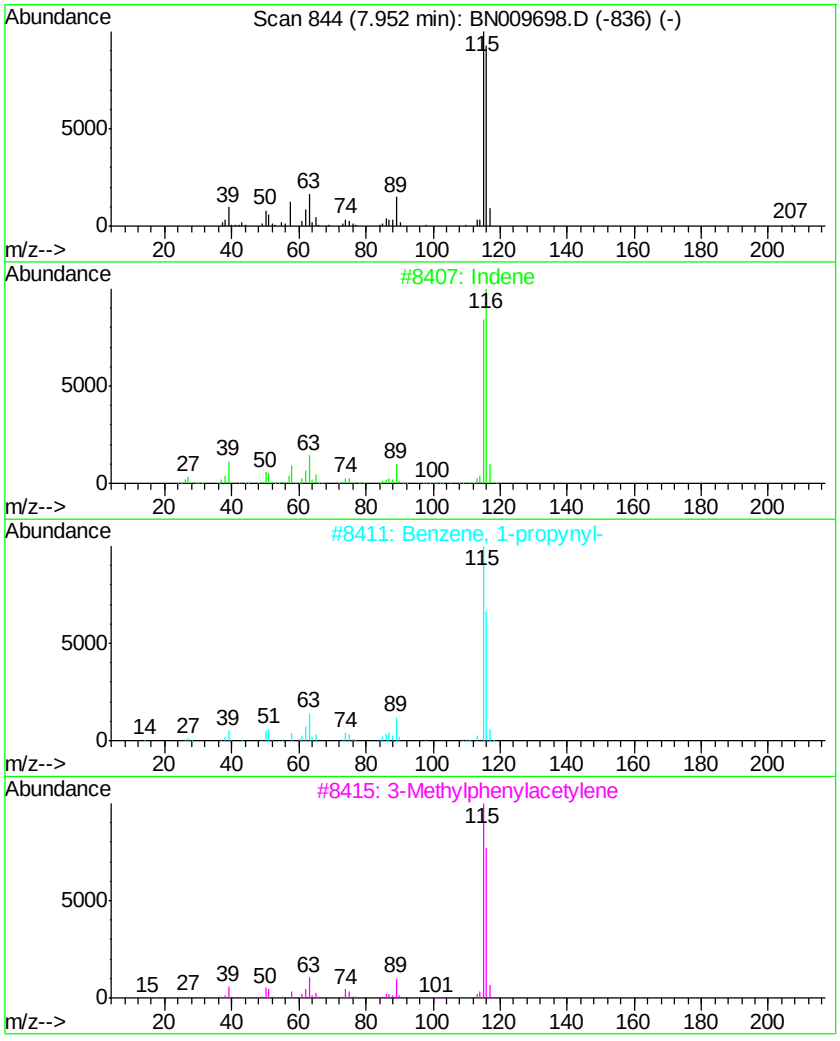
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

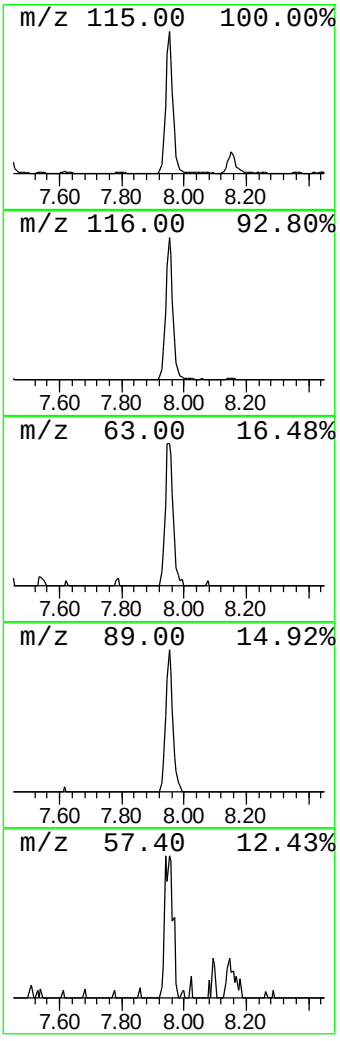
****

Peak Number 2 Indene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.95	6.99 ng/ul	326397	1,4-Dichlorobenzene-d4	7.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	95
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	93
3	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
4	Indene	116	C9H8	000095-13-6	91
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021020\
Data File : BN009698.D
Acq On : 10 Feb 2020 22:47
Operator : CG/JU
Sample : L1324-09MEDL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT66MEDL

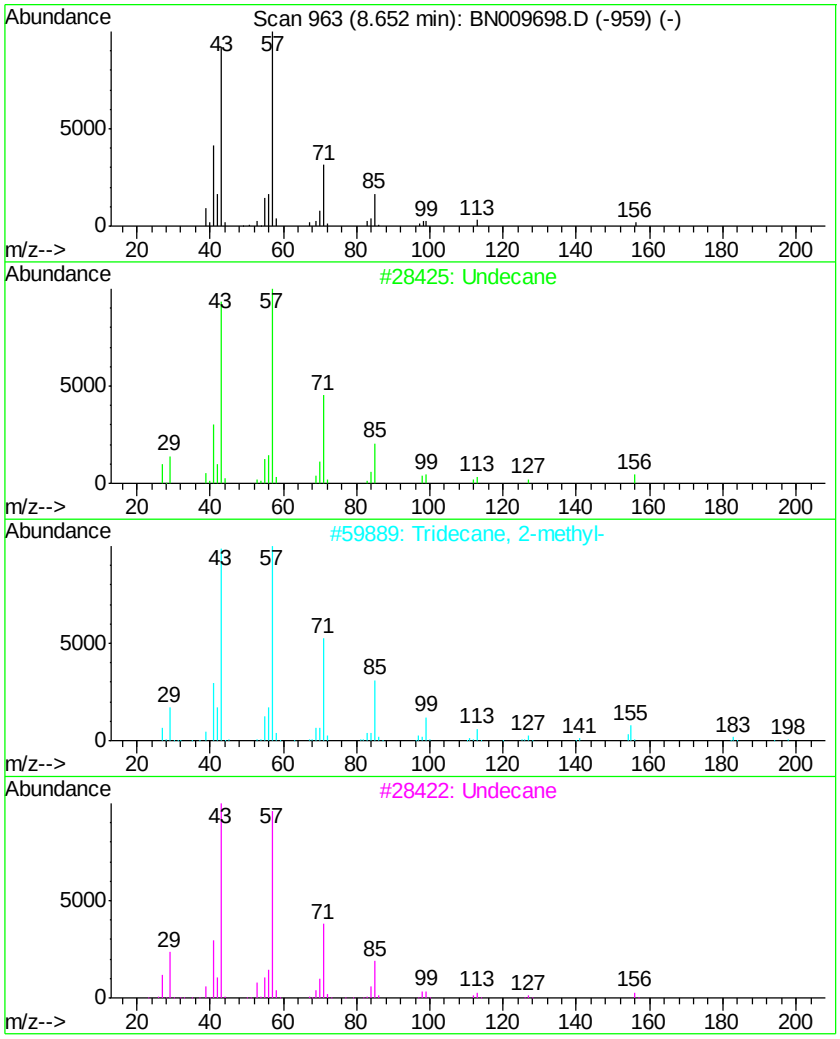
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

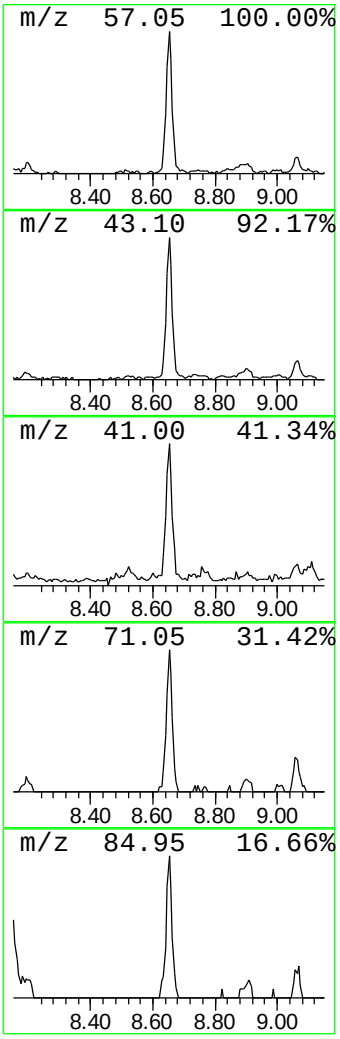
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	3.04 ng/ul	142078	1,4-Dichlorobenzene-d4	7.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	83
2	Tridecane, 2-methyl-	198	C14H30	001560-96-9	83
3	Undecane	156	C11H24	001120-21-4	80
4	Tetradecane	198	C14H30	000629-59-4	74
5	Hexadecane	226	C16H34	000544-76-3	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021020\
Data File : BN009698.D
Acq On : 10 Feb 2020 22:47
Operator : CG/JU
Sample : L1324-09MEDL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT66MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

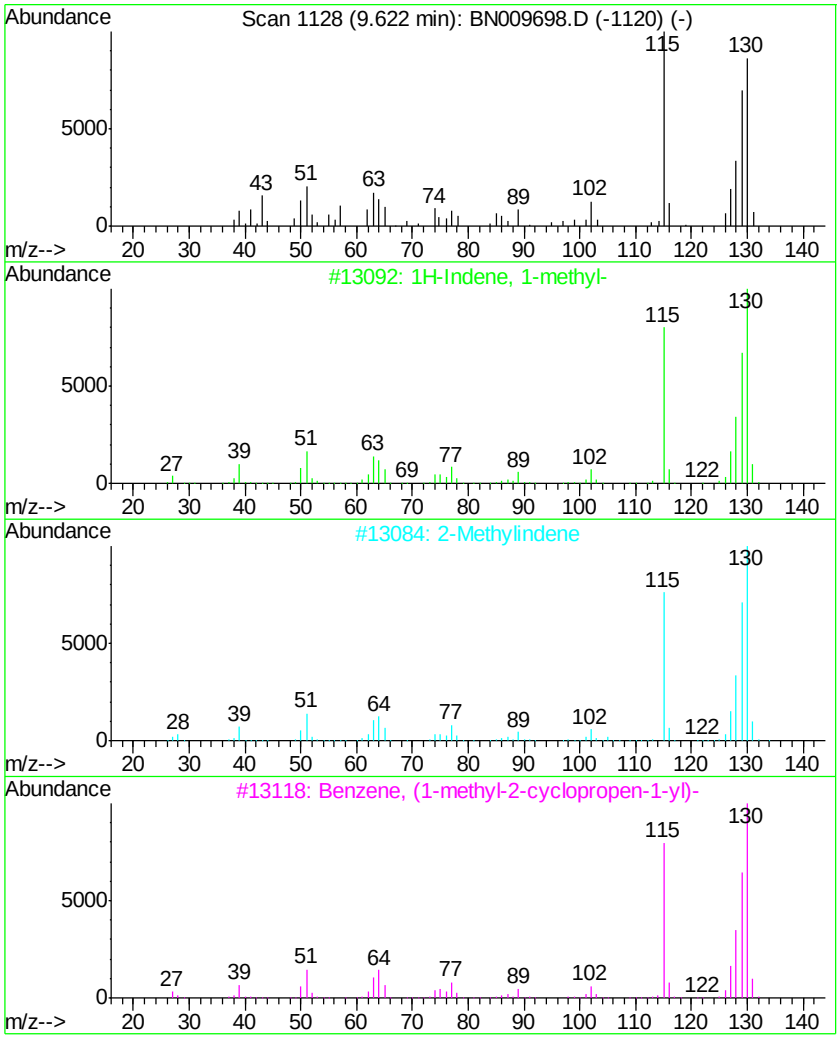
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

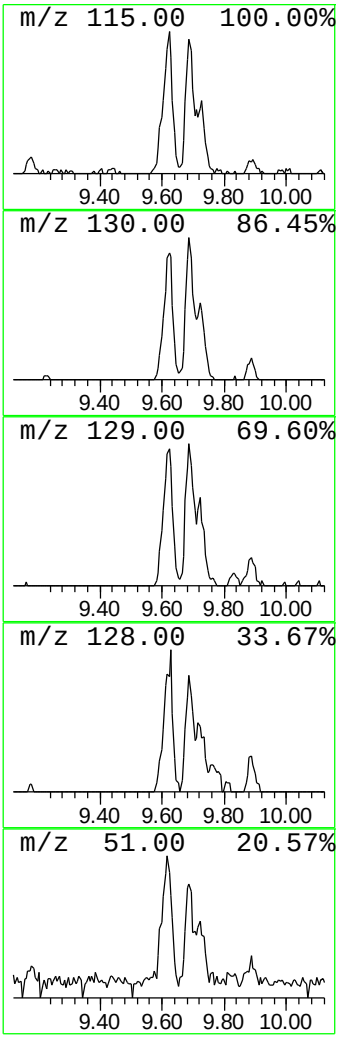
****

Peak Number 4 1H-Indene, 1-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.62	2.48 ng/ul	214355	Naphthalene-d8	10.18

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	93
3	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	91
4	Cyclopropa[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	89
5	Benzene, 1-butynyl-	130	C10H10	000622-76-4	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021020\
Data File : BN009698.D
Acq On : 10 Feb 2020 22:47
Operator : CG/JU
Sample : L1324-09MEDL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT66MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

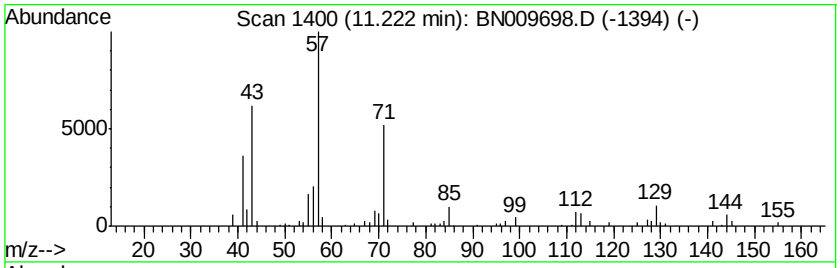
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

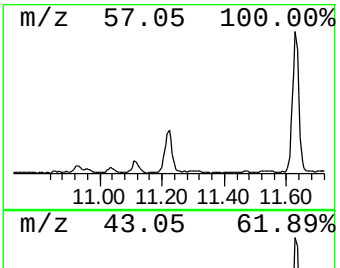
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.22	2.28 ng/ul	197200	Naphthalene-d8	10.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	72
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	59
3	Octane, 2-methyl-	128	C9H20	003221-61-2	58
4	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	53
5	Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	53





Library Search Compound Report

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Acq On : 10 Feb 2020 22:47
Operator : CG/JU
Sample : L1324-09MEDL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT66MEDL

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Quant Title : SVOA CALIBRATION

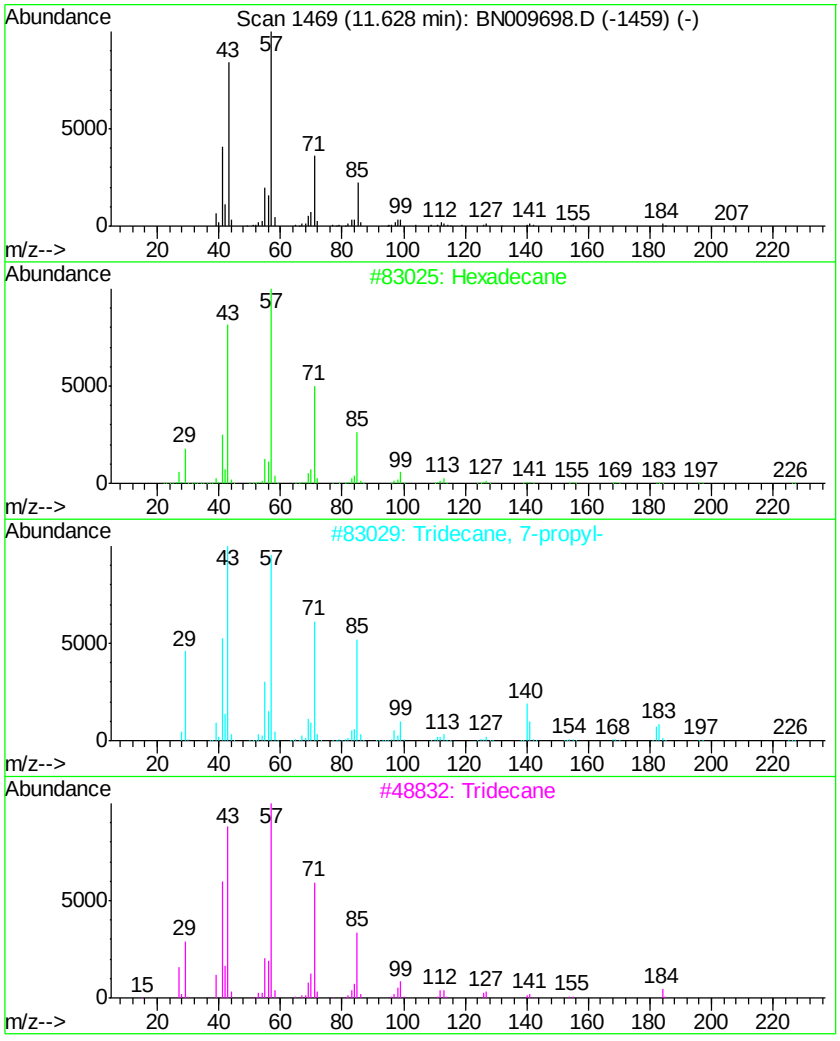
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

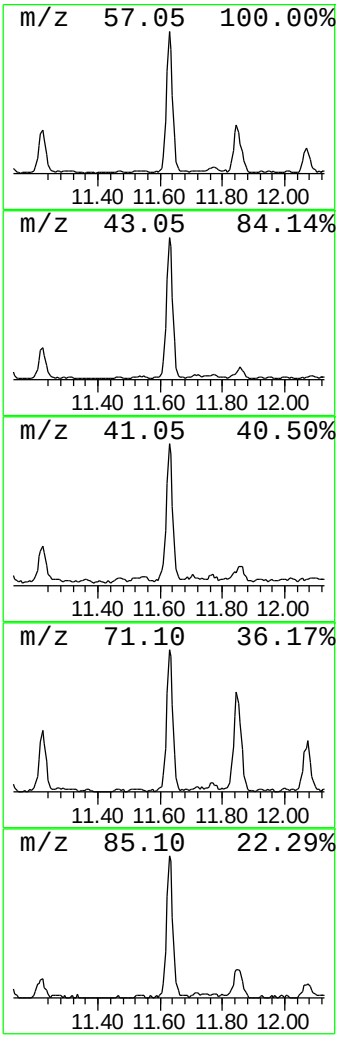
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.63	7.19 ng/ul	621158	Naphthalene-d8	10.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	83
2	Tridecane, 7-propyl-	226	C16H34	055045-09-5	72
3	Tridecane	184	C13H28	000629-50-5	72
4	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	64
5	Undecane, 2-methyl-	170	C12H26	007045-71-8	64





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Sample : L1324-09MEDL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT66MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

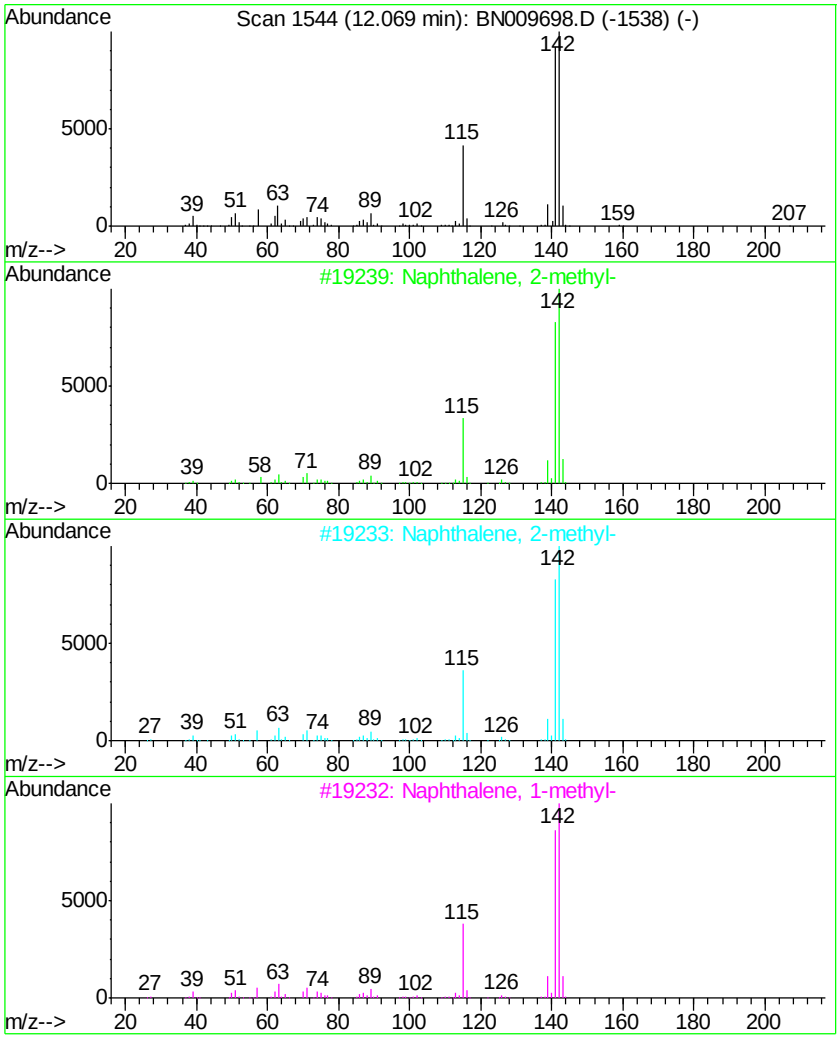
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

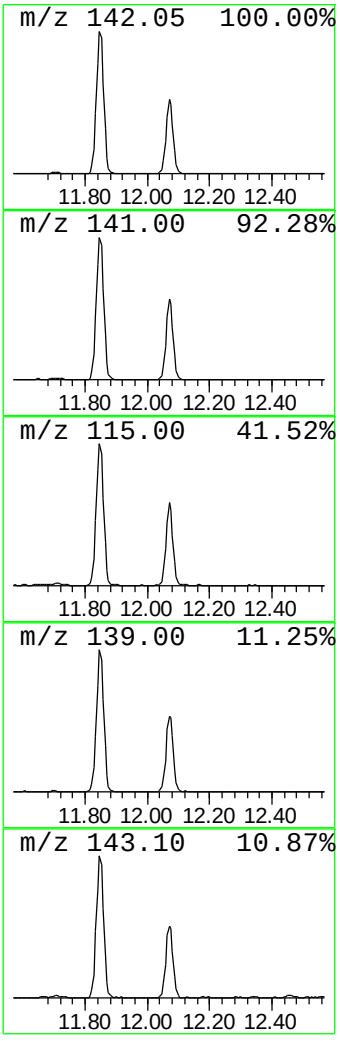
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	14.72 ng/ul	1271550	Naphthalene-d8	10.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94





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Sample : L1324-09MEDL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT66MEDL

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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Peak Number 8 Naphthalene, 1-ethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.09	3.69 ng/ul	360133	Acenaphthene-d10	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
3	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
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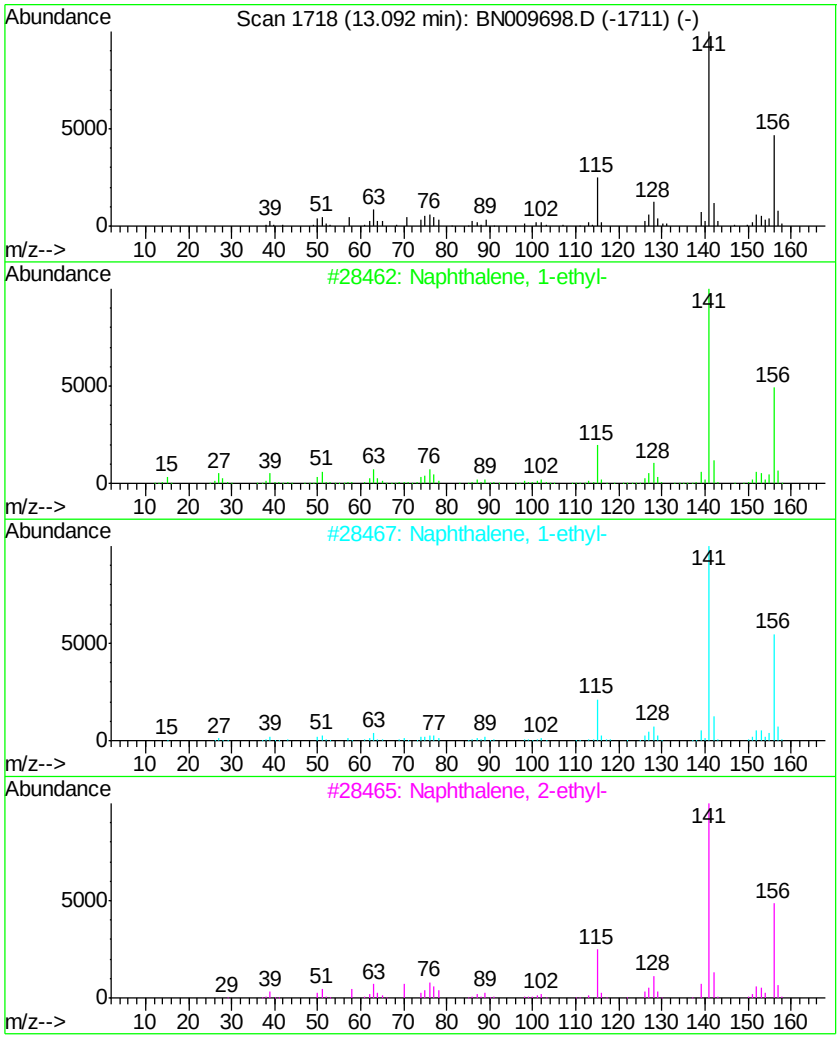

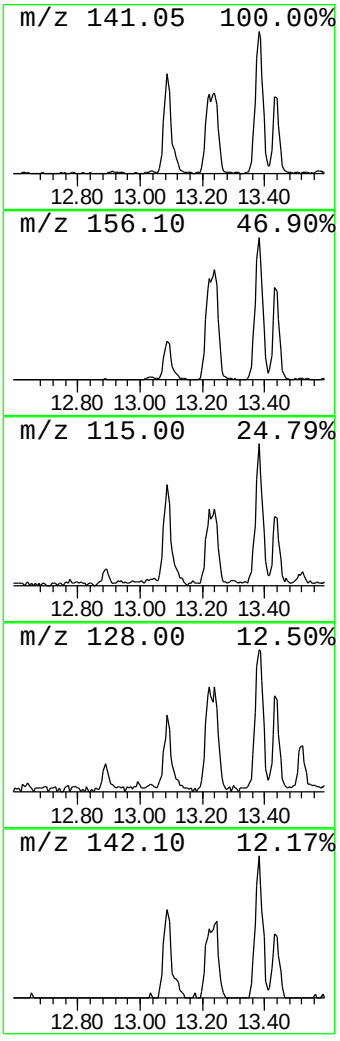

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Operator : CG/JU
Sample : L1324-09MEDL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT66MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

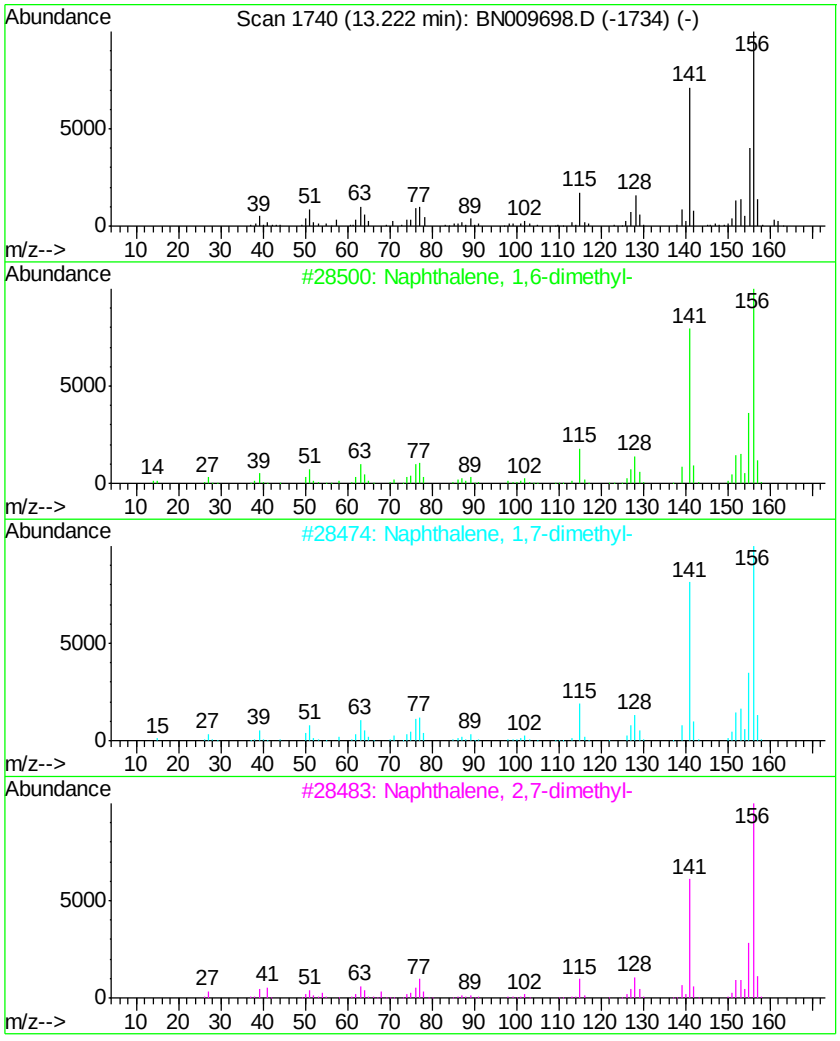
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

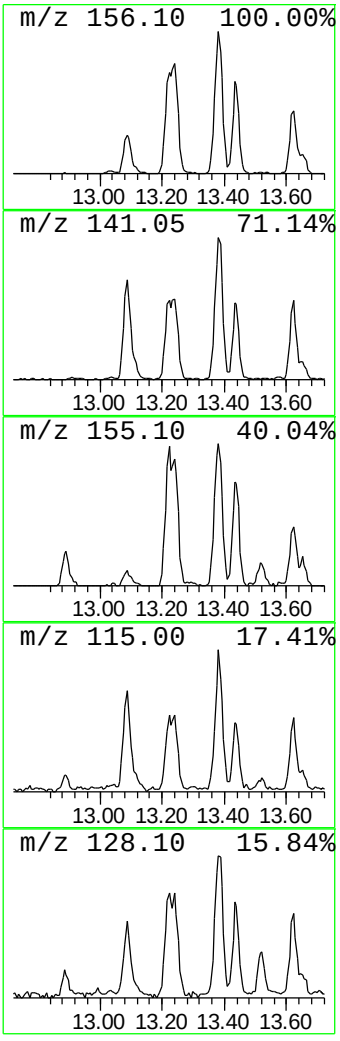
****

Peak Number 9 Naphthalene, 1,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	4.05 ng/ul	395787	Acenaphthene-d10	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





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Operator : CG/JU
Sample : L1324-09MEDL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT66MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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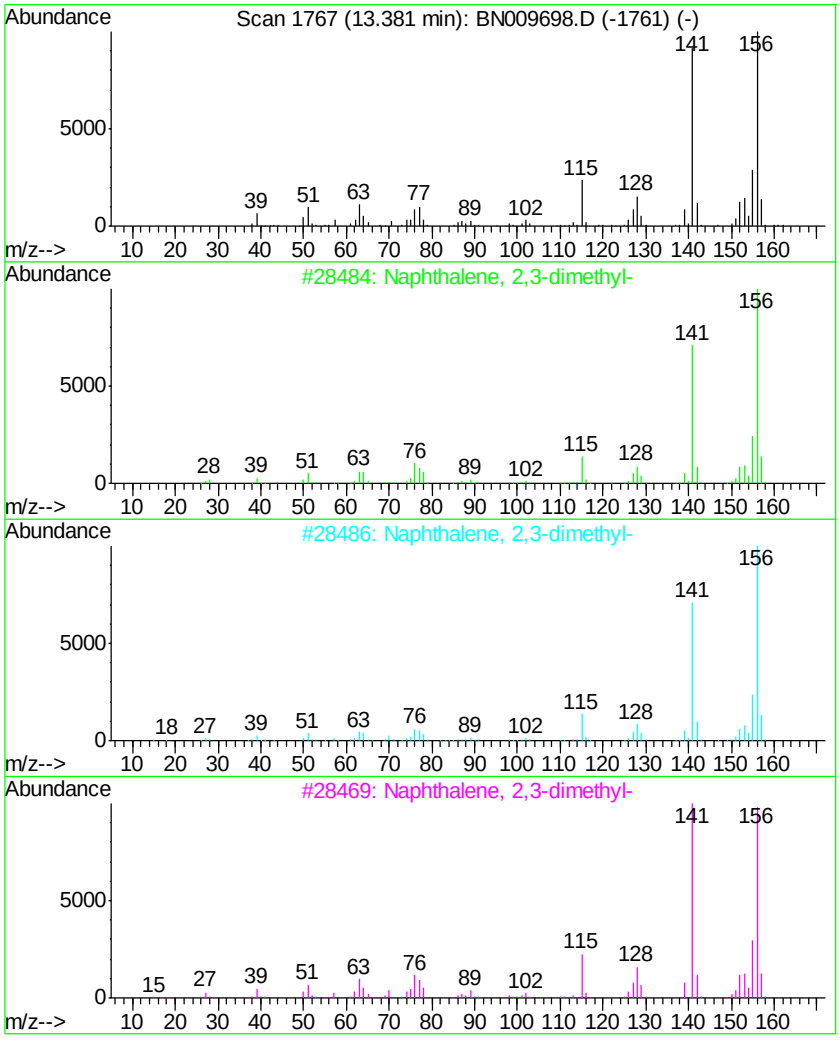
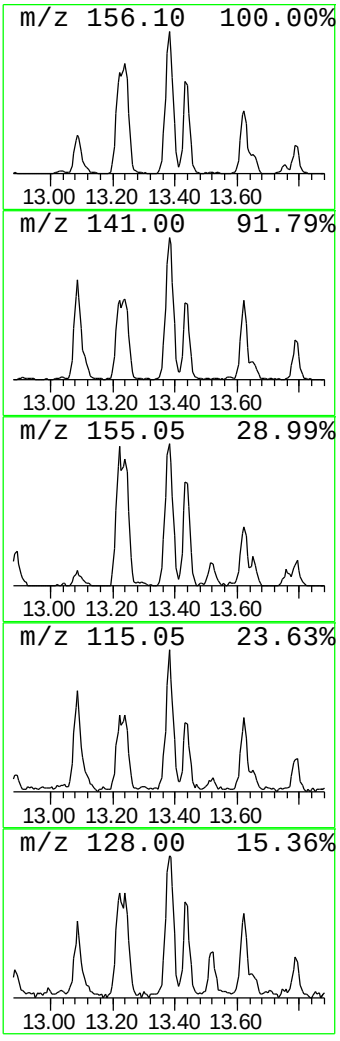
Peak Number 10 Naphthalene, 2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	7.12 ng/ul	694736	Acenaphthene-d10	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96





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Acq On : 10 Feb 2020 22:47
Operator : CG/JU
Sample : L1324-09MEDL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT66MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

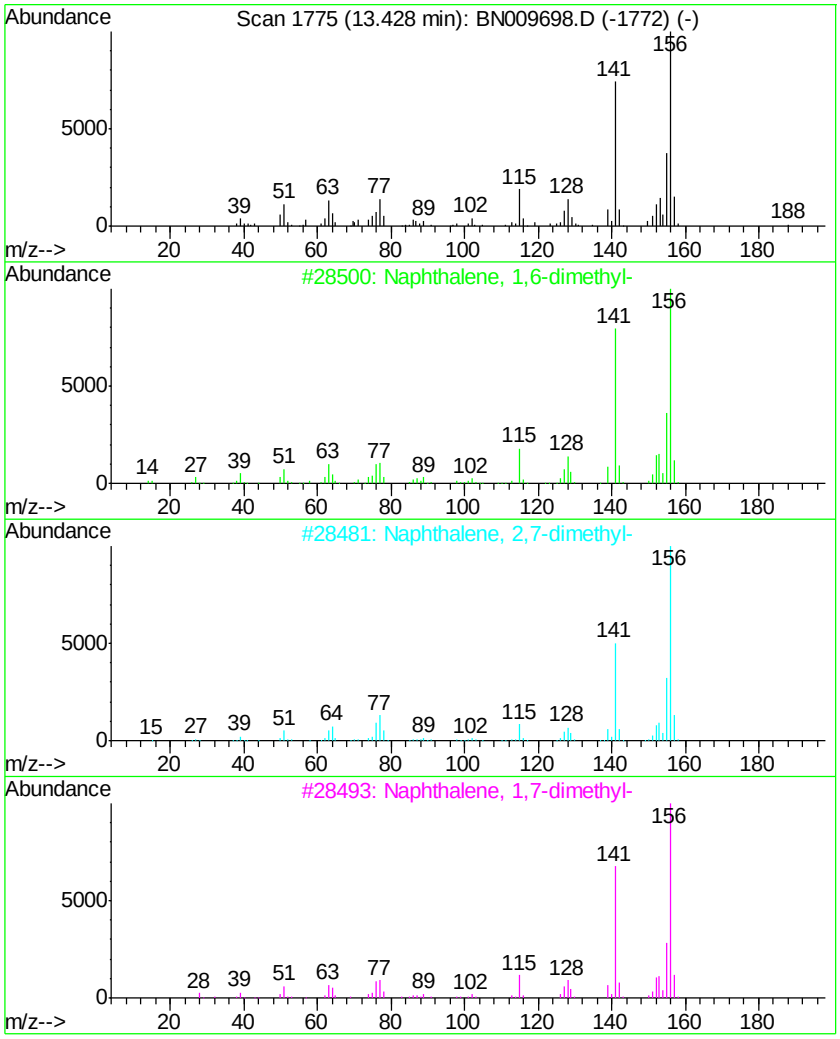
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

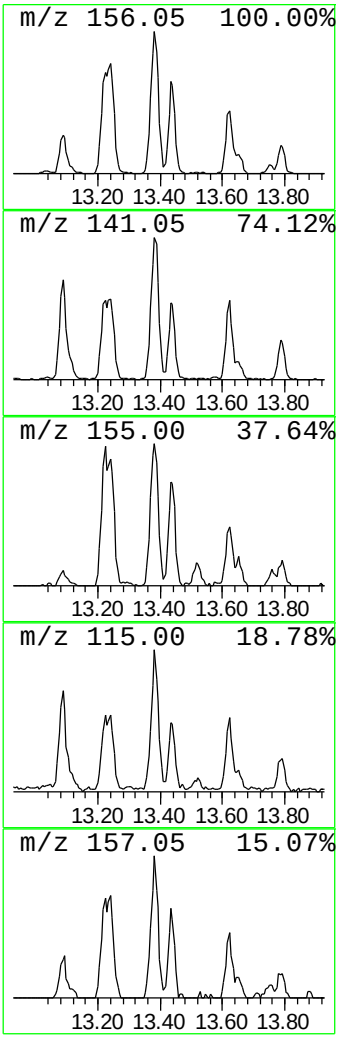
****

Peak Number 11 Naphthalene, 1,7-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.43	3.33 ng/ul	325559	Acenaphthene-d10	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97





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Operator : CG/JU
Sample : L1324-09MEDL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT66MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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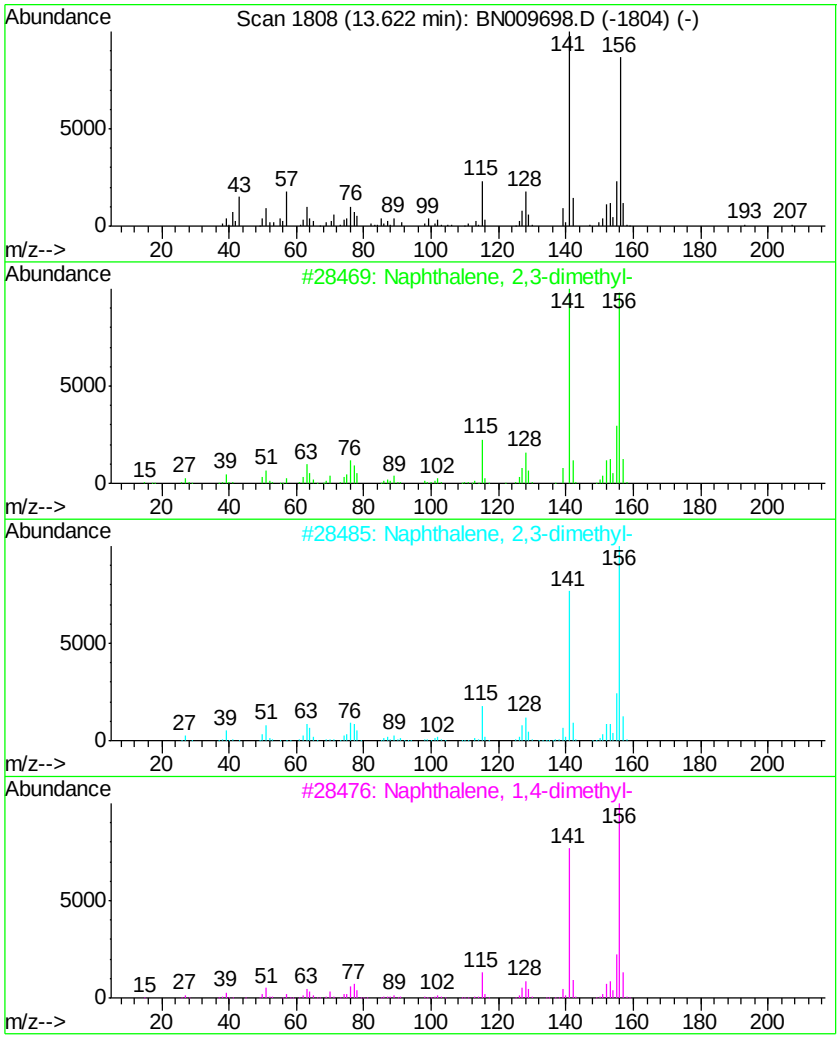
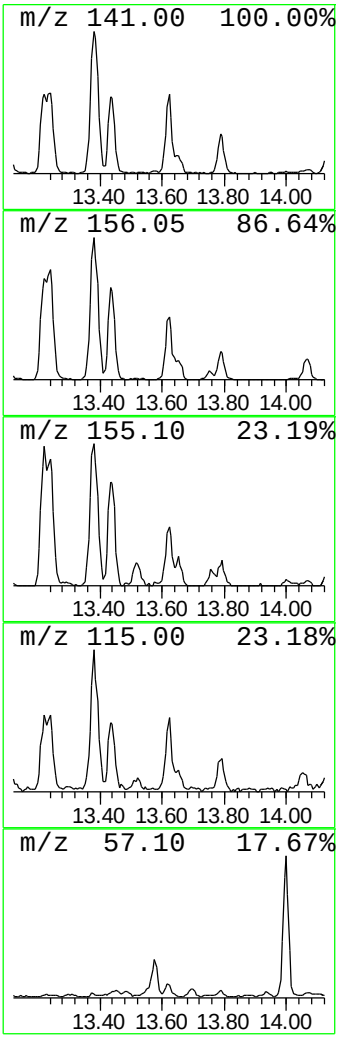
Peak Number 12 Naphthalene, 1,4-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.62	3.20 ng/ul	312138	Acenaphthene-d10	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	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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Sample : L1324-09MEDL 5X
Misc :
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Instrument : BNA_N
ClientSampleId : GAT66MEDL

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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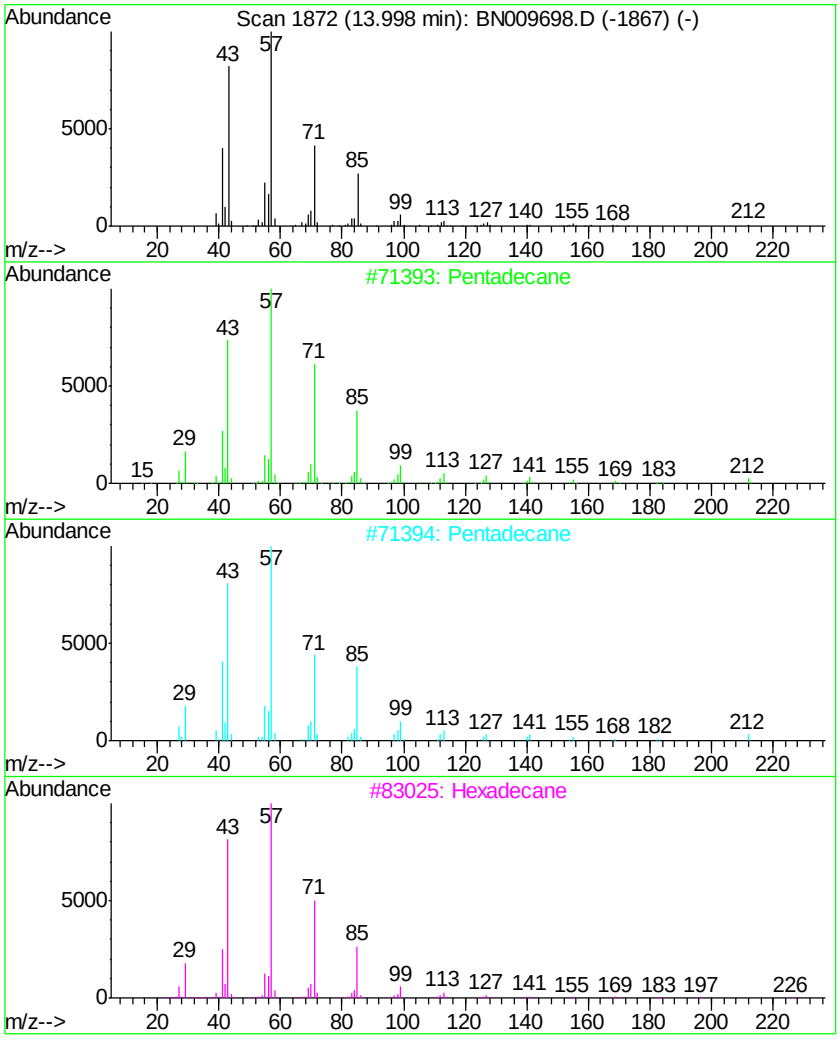
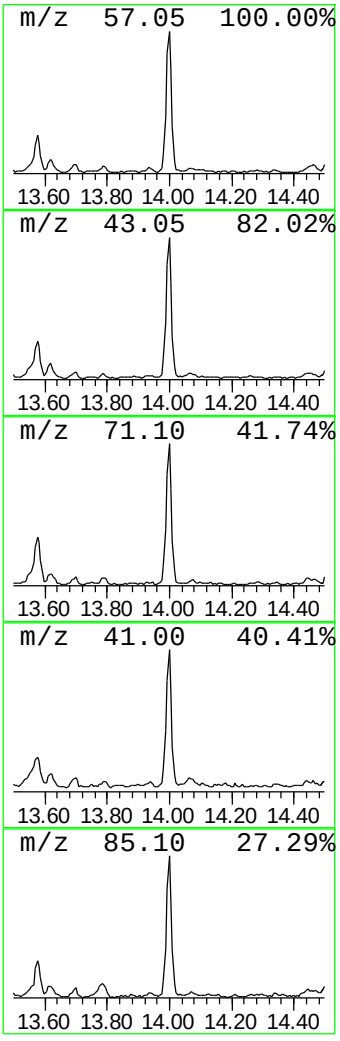
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.00	6.29 ng/ul	614457	Acenaphthene-d10	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	90
2	Pentadecane	212	C15H32	000629-62-9	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Tridecane	184	C13H28	000629-50-5	83
5	Tridecane	184	C13H28	000629-50-5	72





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Sample : L1324-09MEDL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT66MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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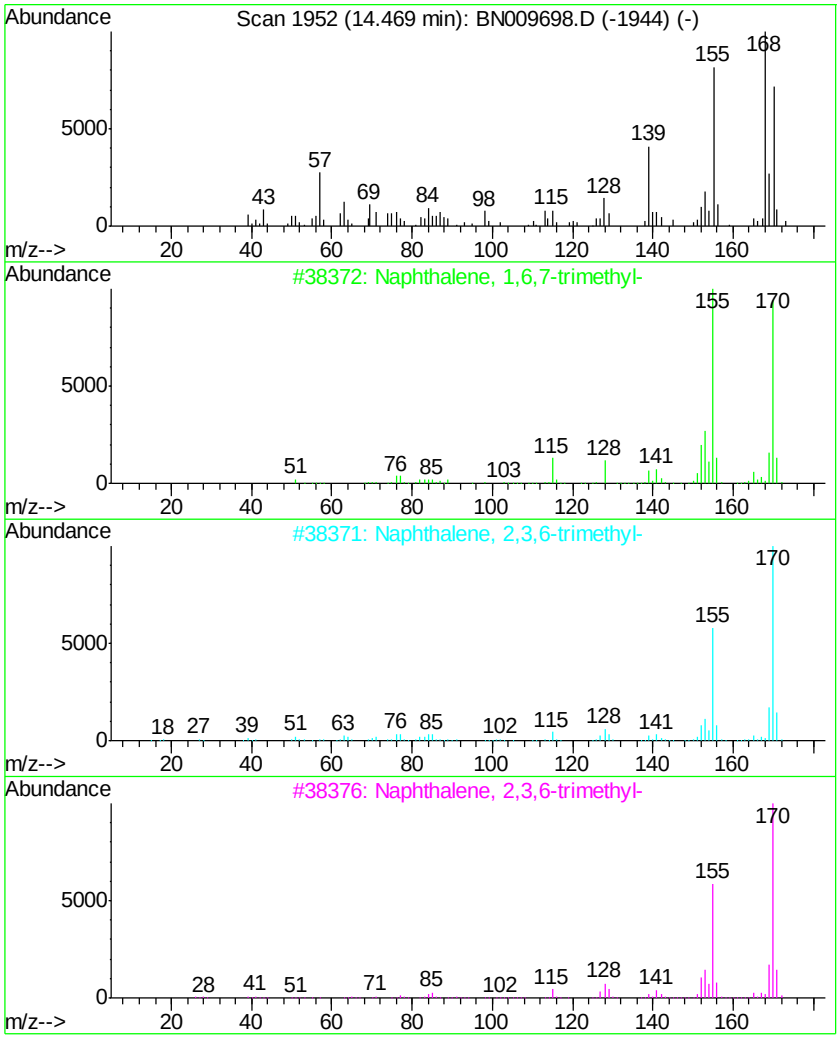
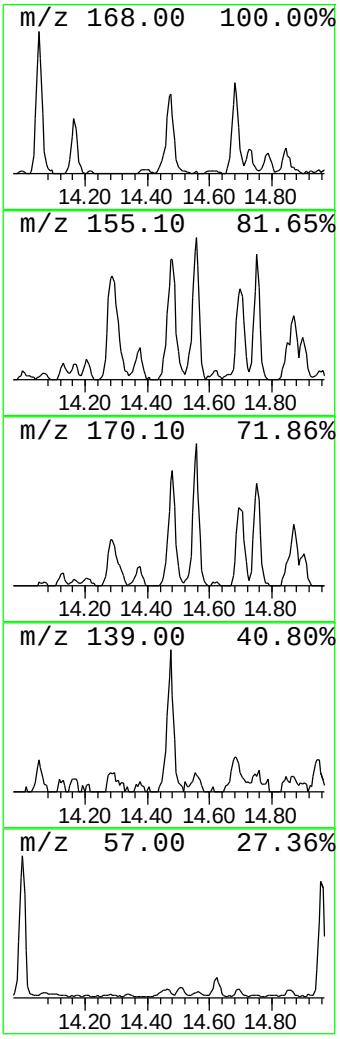
Peak Number 14 Naphthalene, 1,6,7-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.47	3.15 ng/ul	307304	Acenaphthene-d10	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	78
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	78
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	64
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	64
5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	60





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Sample : L1324-09MEDL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT66MEDL

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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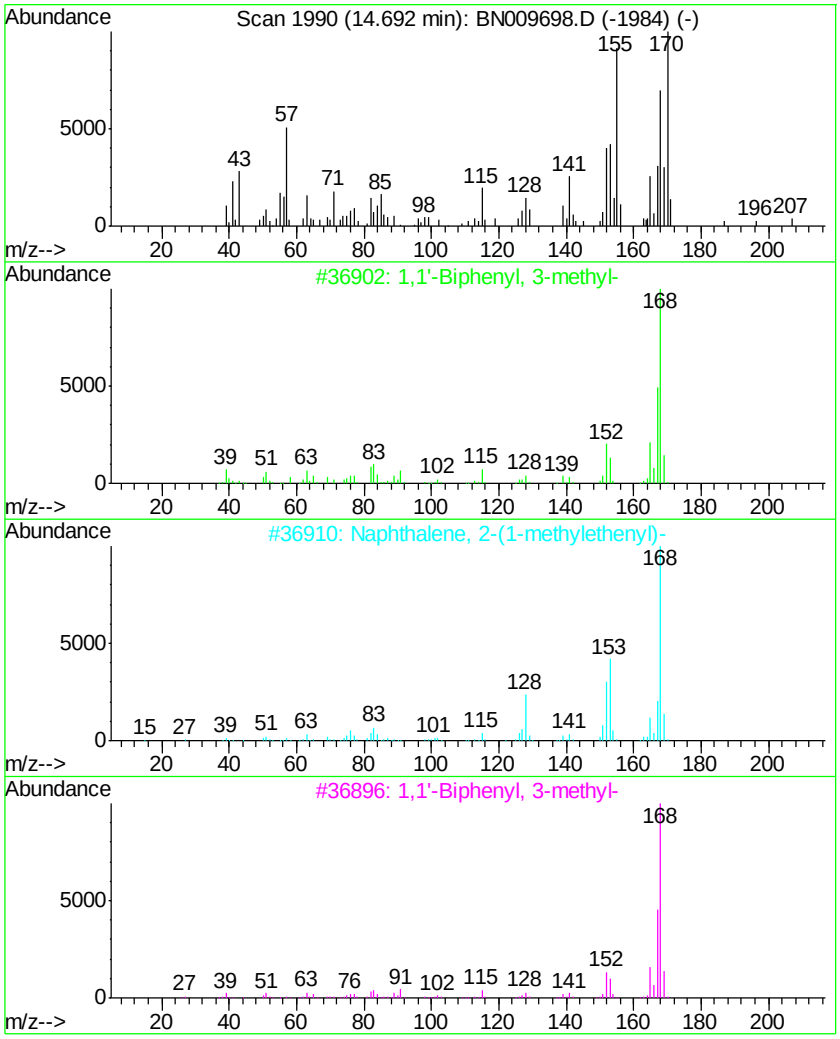
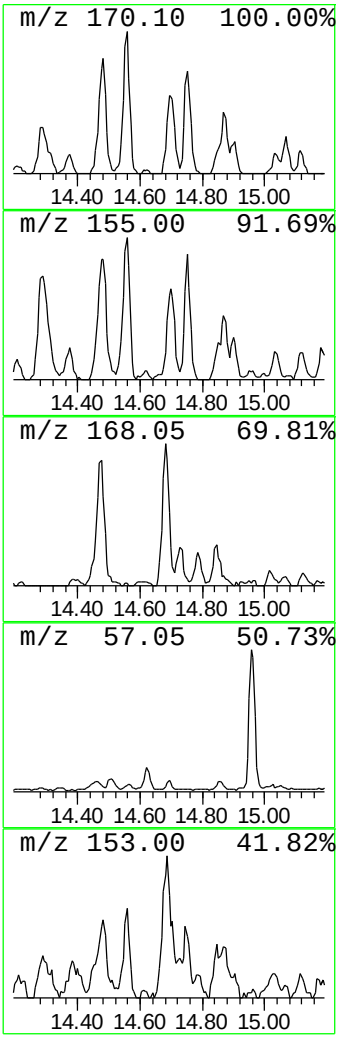
Peak Number 15 1,1'-Biphenyl, 3-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	2.79 ng/ul	272024	Acenaphthene-d10	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	90
2	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	60
3	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	55
4	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	38
5	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	38





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Operator : CG/JU
Sample : L1324-09MEDL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT66MEDL

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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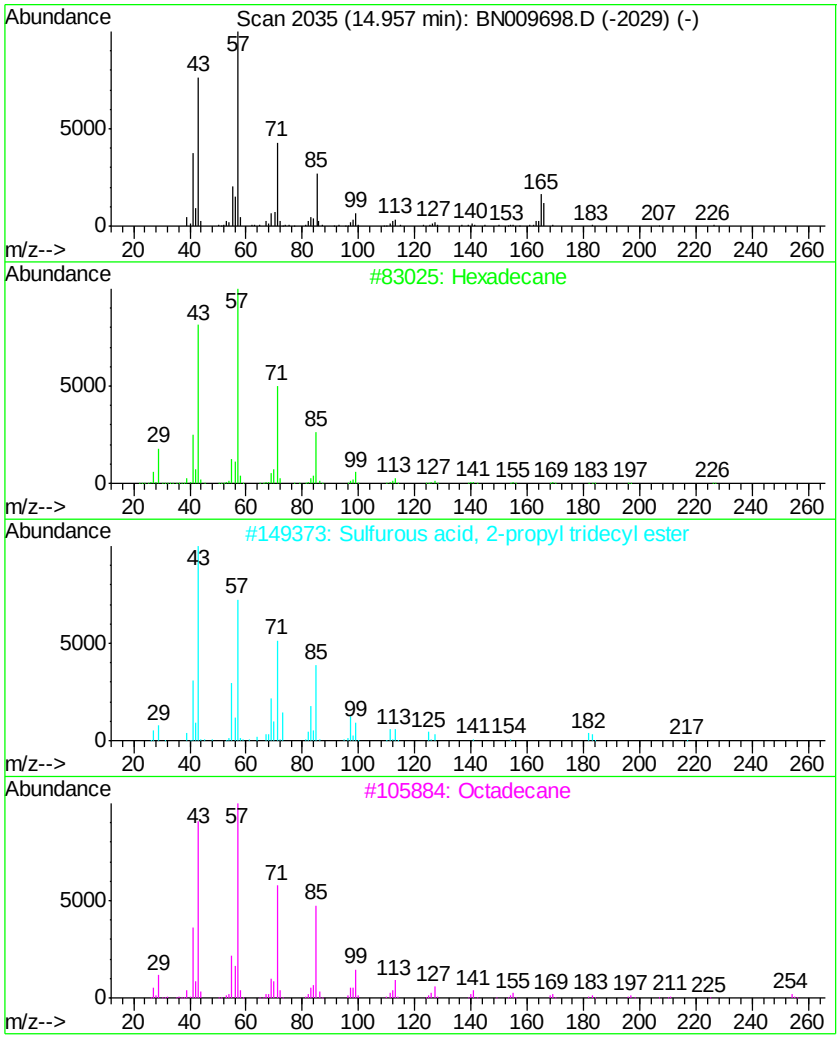
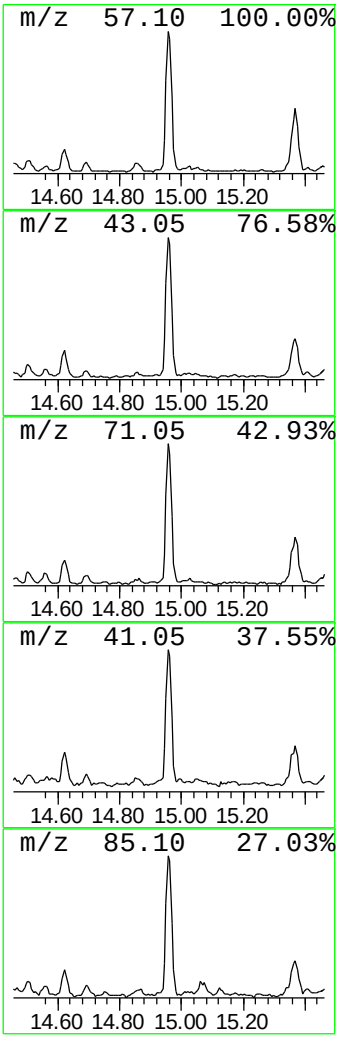
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	6.23 ng/ul	608730	Acenaphthene-d10	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	80
2	Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	64
3	Octadecane	254	C18H38	000593-45-3	58
4	Tridecane	184	C13H28	000629-50-5	58
5	Tridecane	184	C13H28	000629-50-5	58





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Operator : CG/JU
Sample : L1324-09MEDL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT66MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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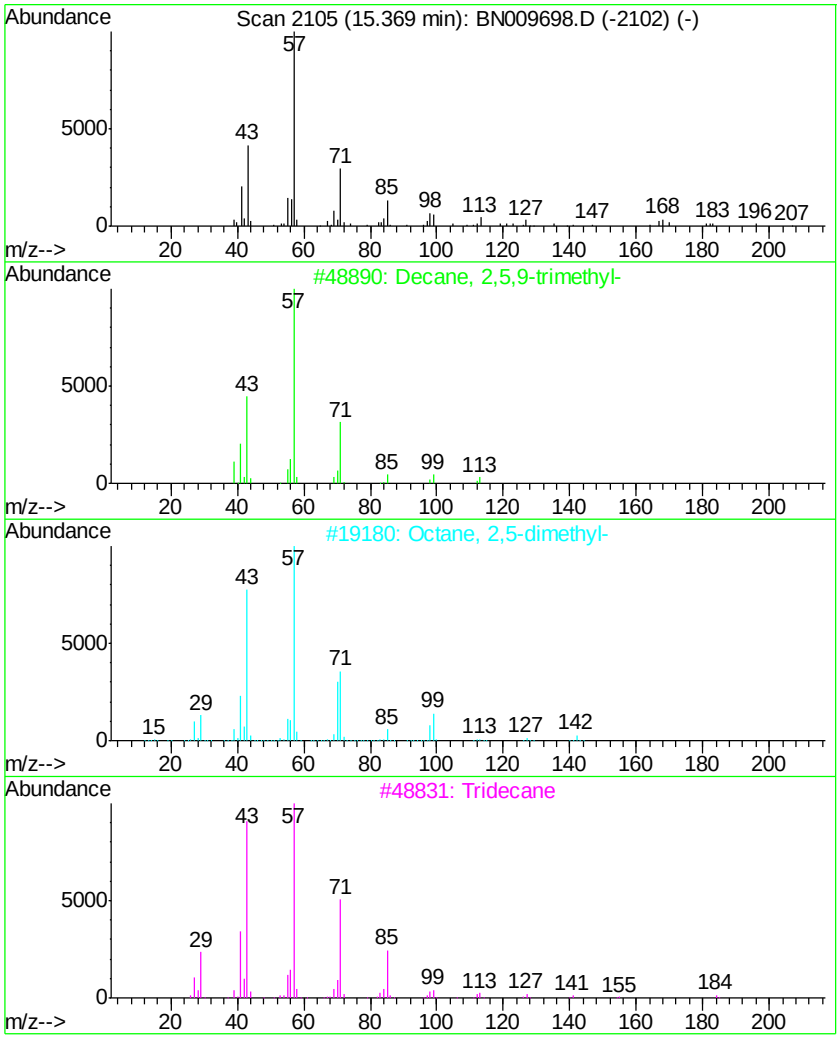
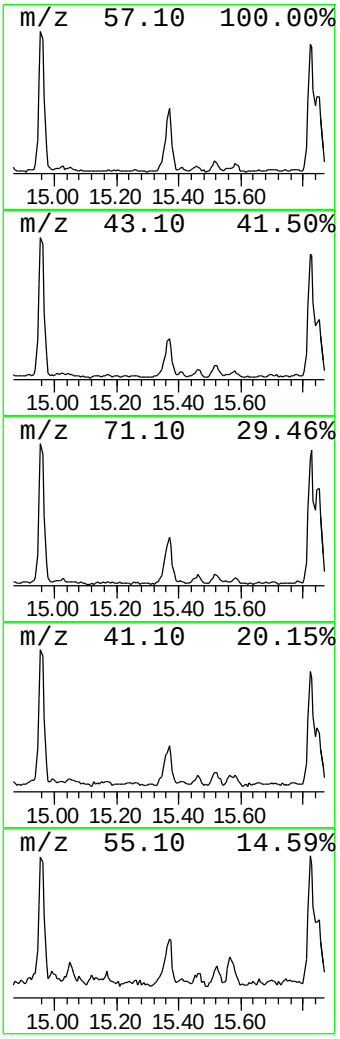
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	2.08 ng/ul	202855	Acenaphthene-d10	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	64
2	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	53
3	Tridecane	184	C13H28	000629-50-5	50
4	Heptadecane, 7-methyl-	254	C18H38	020959-33-5	47
5	Heptane, 2,3,6-trimethyl-	142	C10H22	004032-93-3	47





Library Search Compound Report

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Data File : BN009698.D
Acq On : 10 Feb 2020 22:47
Operator : CG/JU
Sample : L1324-09MEDL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT66MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

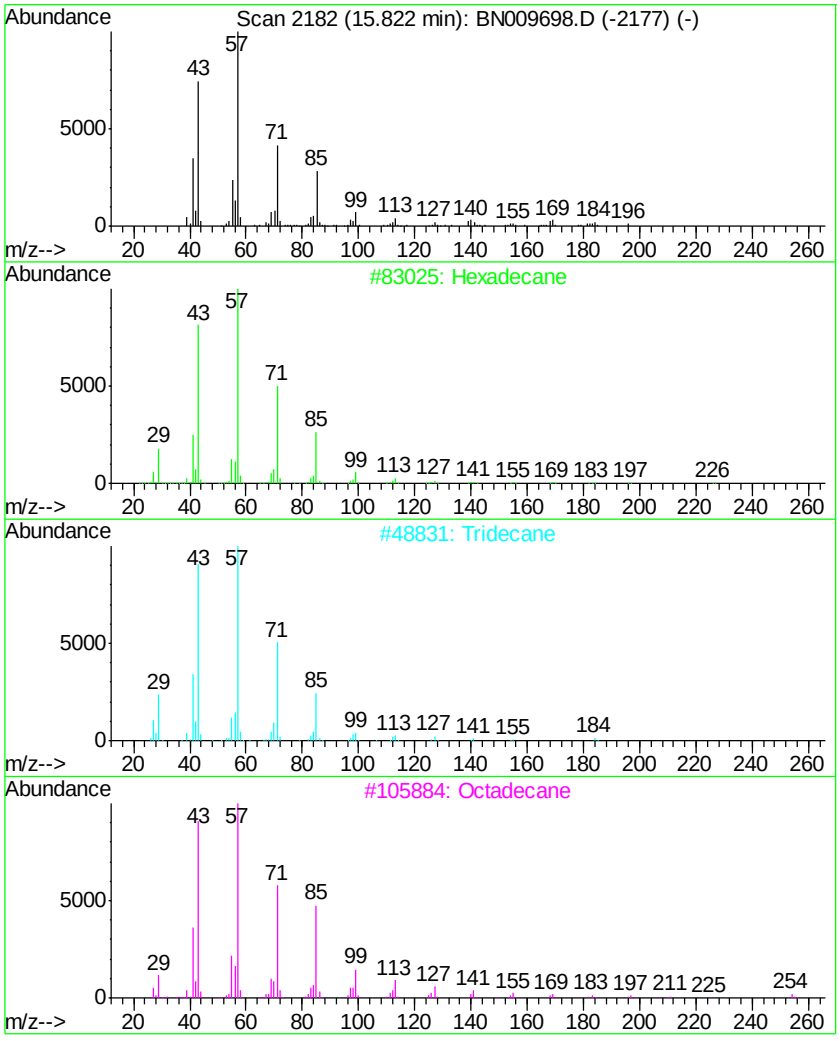
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

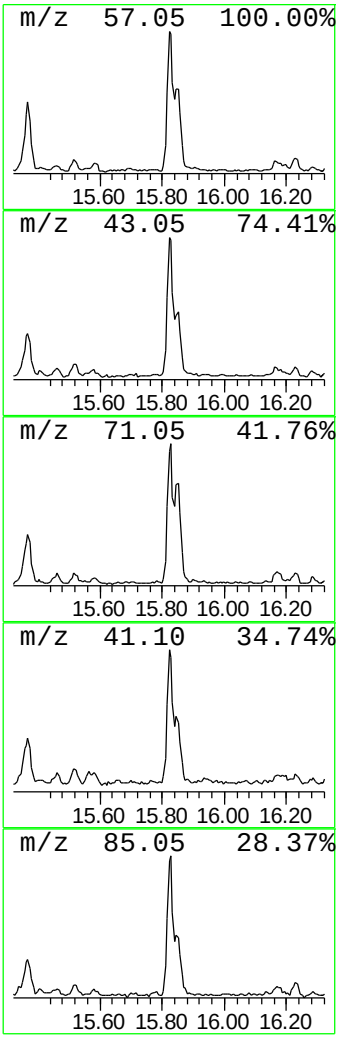
****

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.82	5.55 ng/ul	552567	Phenanthrene-d10	16.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Tridecane	184	C13H28	000629-50-5	87
3	Octadecane	254	C18H38	000593-45-3	80
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80
5	Hexadecane	226	C16H34	000544-76-3	80





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Sample : L1324-09MEDL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT66MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

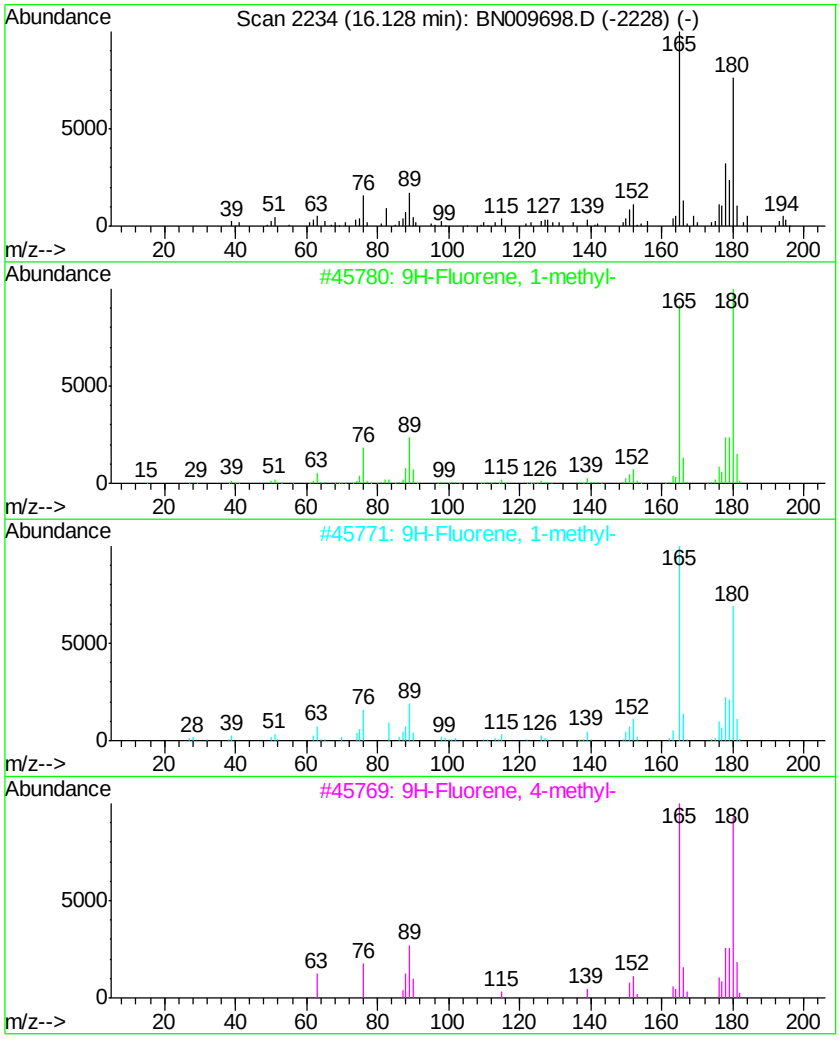
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

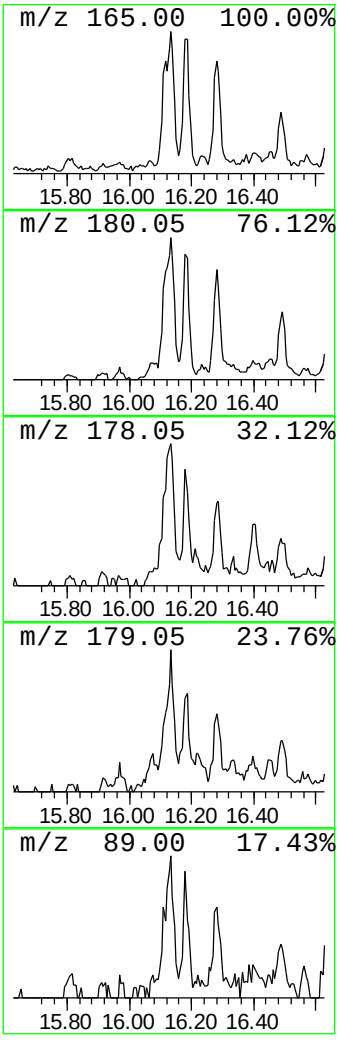
****

Peak Number 19 9H-Fluorene, 1-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.13	2.34 ng/ul	232613	Phenanthrene-d10	16.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	90
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	90
3	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	81
4	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	81
5	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	81





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Acq On : 10 Feb 2020 22:47
Operator : CG/JU
Sample : L1324-09MEDL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT66MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

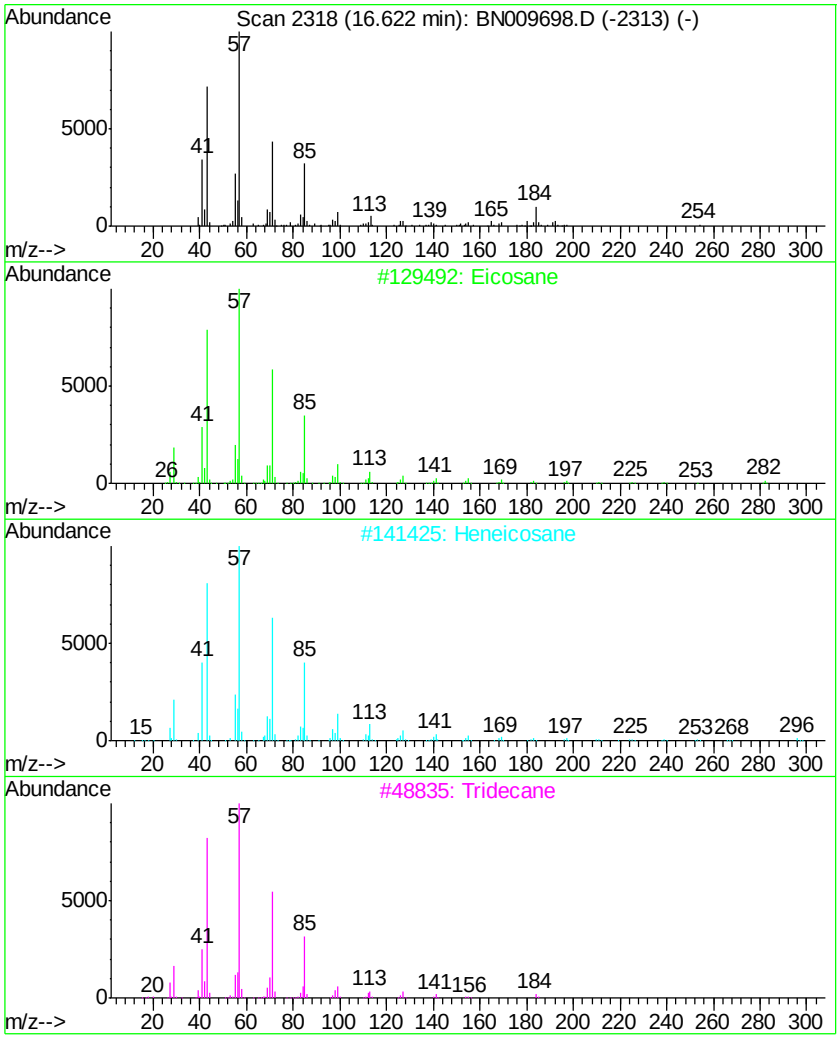
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

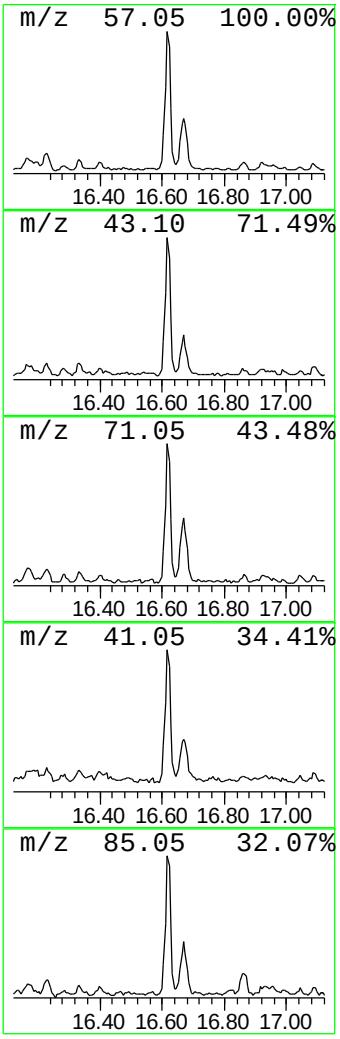
****

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.62	5.27 ng/ul	524799	Phenanthrene-d10	16.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	Heneicosane	296	C21H44	000629-94-7	90
3	Tridecane	184	C13H28	000629-50-5	87
4	Tridecane	184	C13H28	000629-50-5	87
5	Hexadecane	226	C16H34	000544-76-3	87





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Acq On : 10 Feb 2020 22:47
Operator : CG/JU
Sample : L1324-09MEDL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT66MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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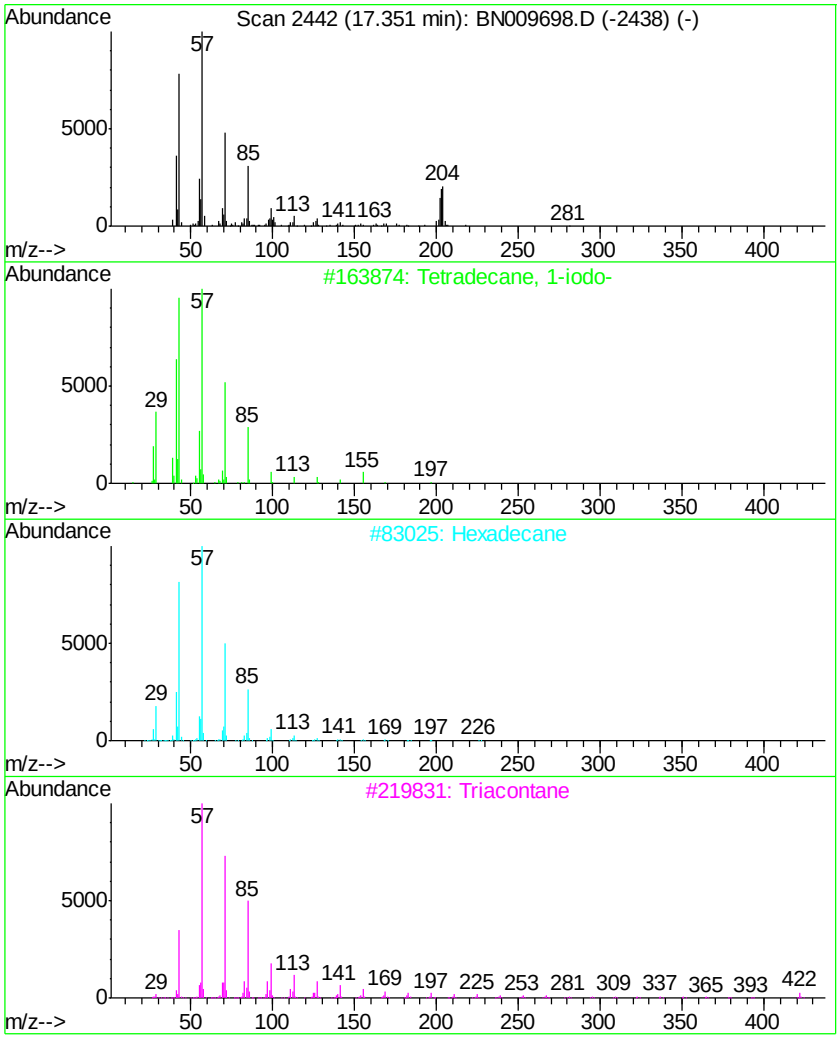
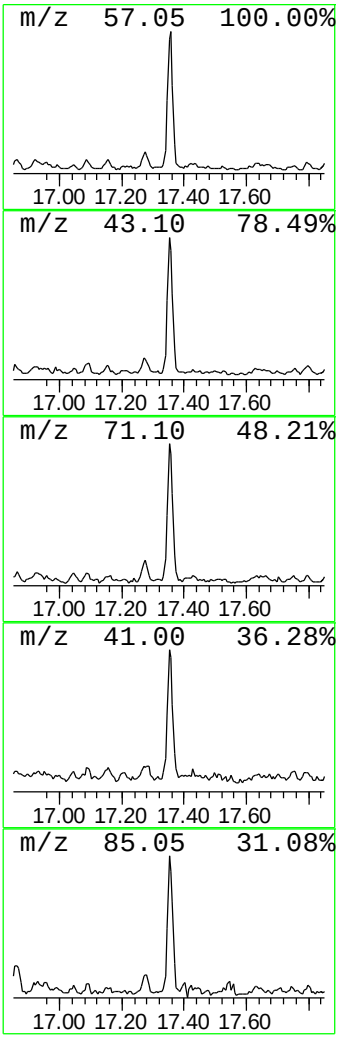
Peak Number 21 Tetradecane, 1-iodo- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.35	3.32 ng/ul	330727	Phenanthrene-d10	16.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	52
2	Hexadecane	226	C16H34	000544-76-3	52
3	Triacontane	422	C30H62	000638-68-6	50
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	49
5	Pentadecane	212	C15H32	000629-62-9	49





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Acq On : 10 Feb 2020 22:47
Operator : CG/JU
Sample : L1324-09MEDL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT66MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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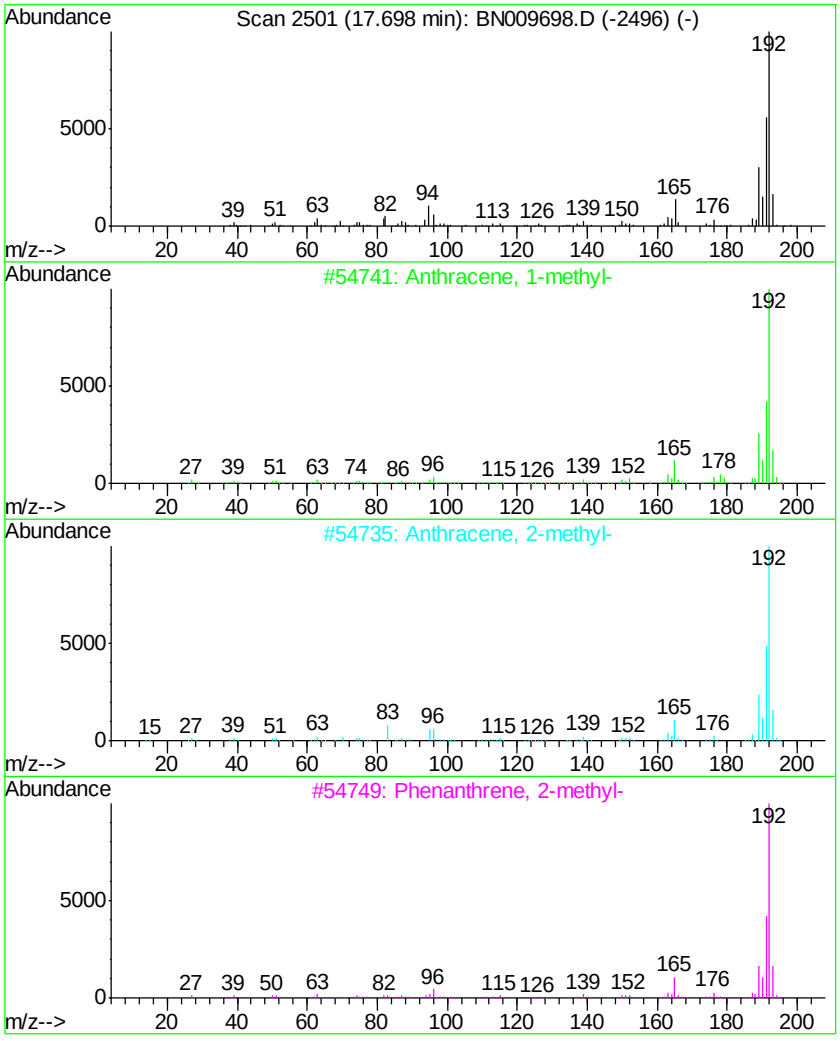
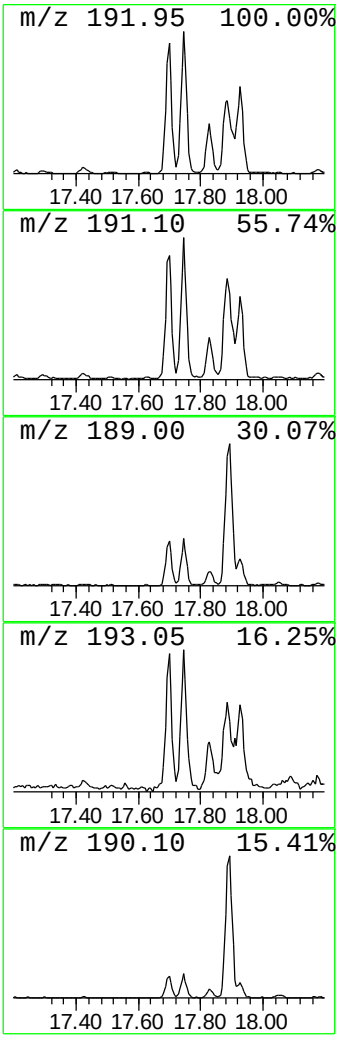
Peak Number 22 Anthracene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.70	4.98 ng/ul	495437	Phenanthrene-d10	16.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93





Library Search Compound Report

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Operator : CG/JU
Sample : L1324-09MEDL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT66MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

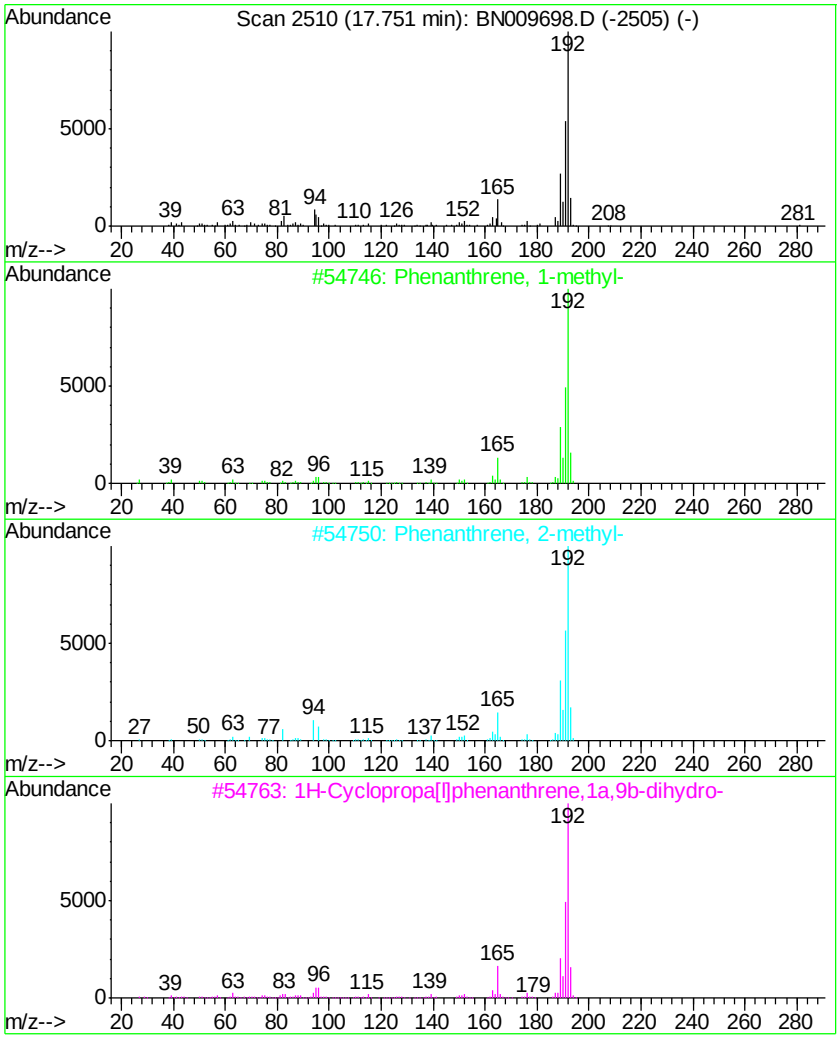
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

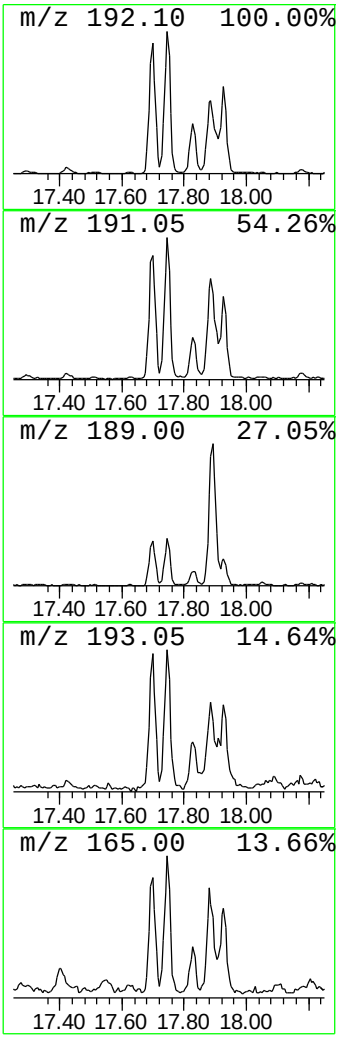
****

Peak Number 23 Phenanthrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.75	5.22 ng/ul	519890	Phenanthrene-d10	16.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95





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Acq On : 10 Feb 2020 22:47
Operator : CG/JU
Sample : L1324-09MEDL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT66MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

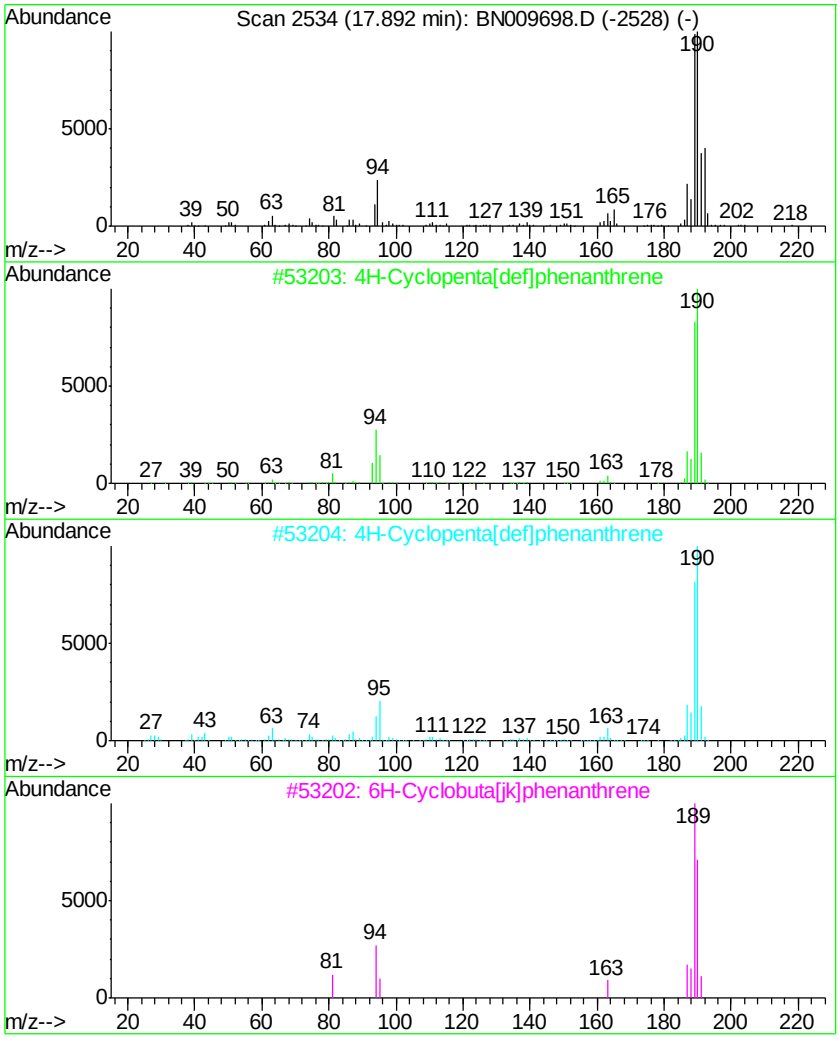
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

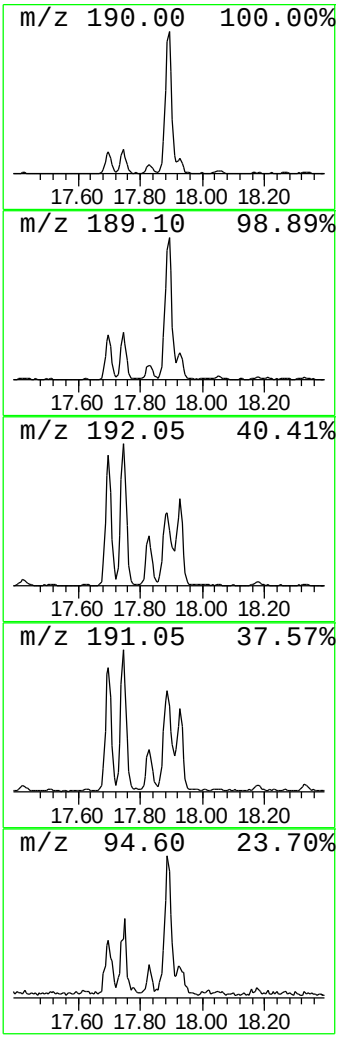
****

Peak Number 24 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	9.00 ng/ul	895615	Phenanthrene-d10	16.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
4	3,5-Dichlorobenzoic acid	190	C7H4Cl2O2	000051-36-5	30
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	25





Library Search Compound Report

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Sample : L1324-09MEDL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT66MEDL

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Quant Title : SVOA CALIBRATION

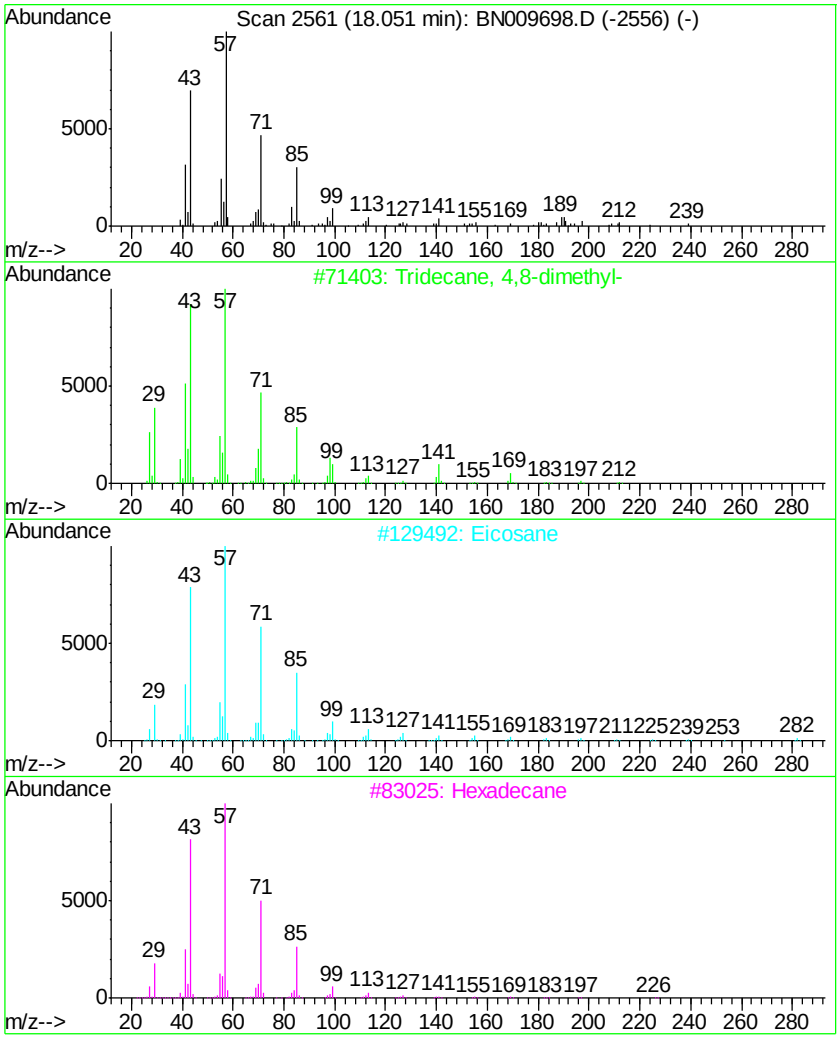
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

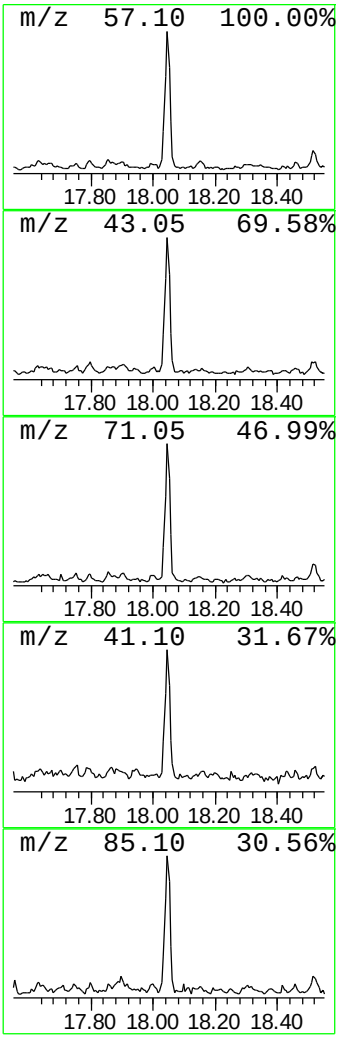
****

Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.05	2.12 ng/ul	211091	Phenanthrene-d10	16.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 4,8-dimethyl-	212	C15H32	055030-62-1	87
2	Eicosane	282	C20H42	000112-95-8	86
3	Hexadecane	226	C16H34	000544-76-3	83
4	Tridecane, 6-methyl-	198	C14H30	013287-21-3	80
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	72





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Sample : L1324-09MEDL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT66MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

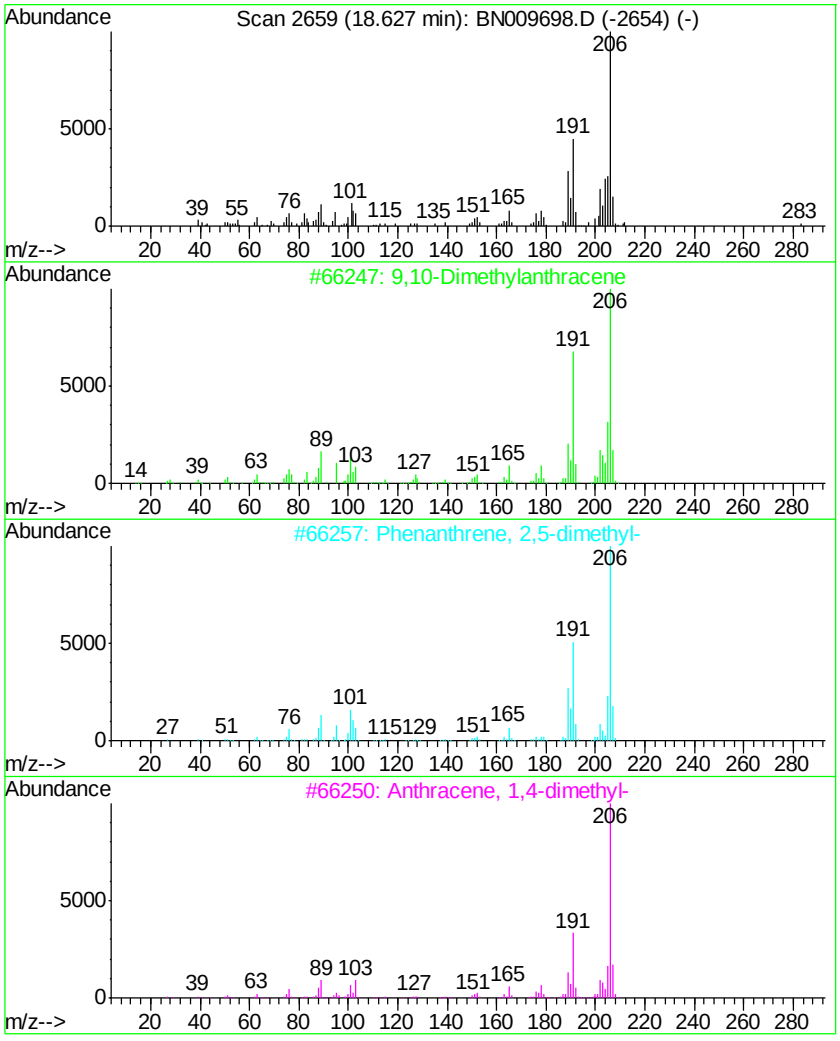
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

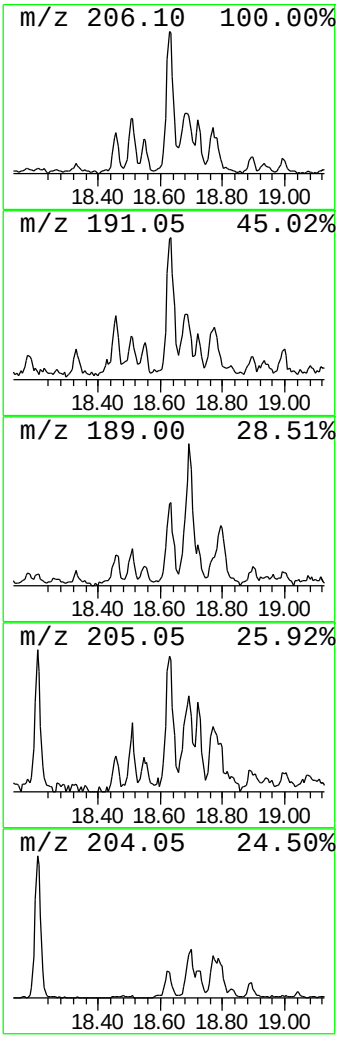
****

Peak Number 27 9,10-Dimethylanthracene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.63	2.68 ng/ul	266903	Phenanthrene-d10	16.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	98
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	98
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	91
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	91





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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT66MEDL

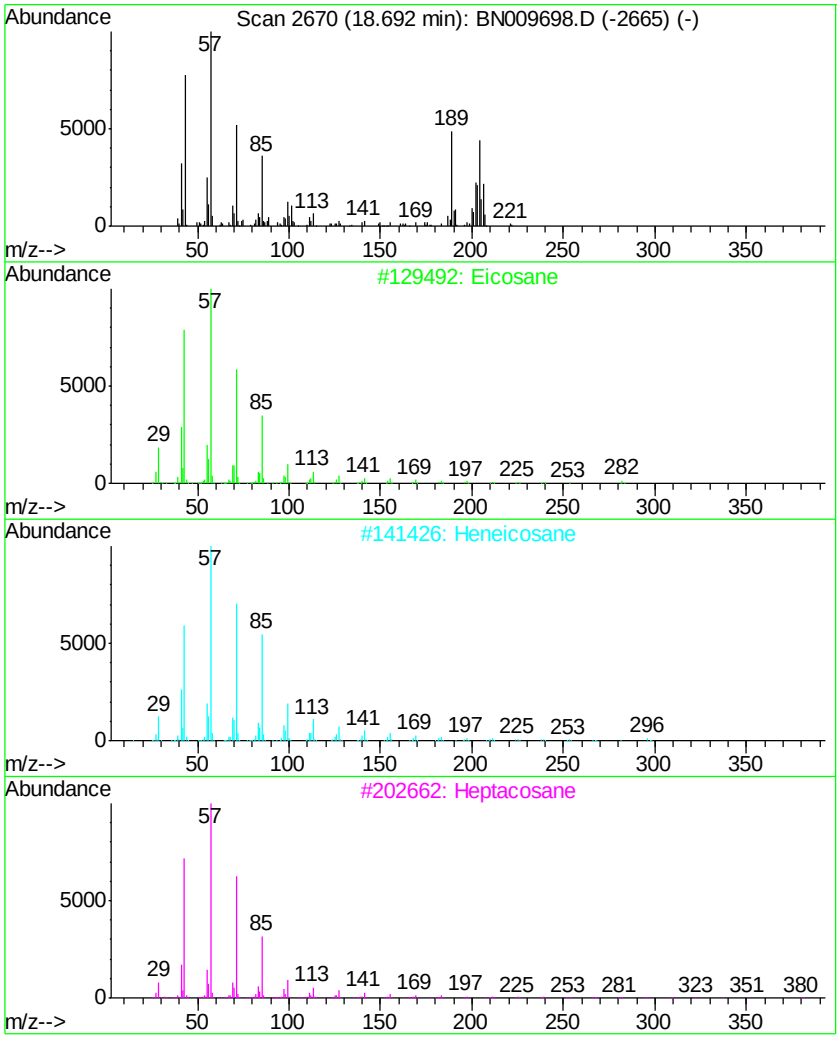
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

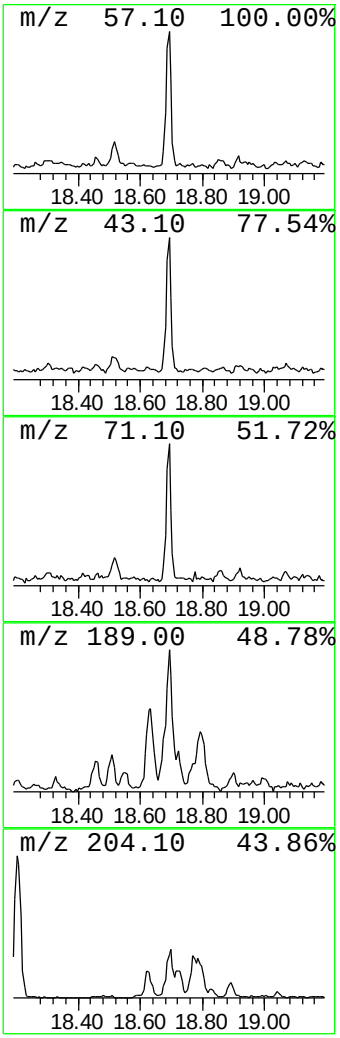
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.69	2.96 ng/ul	295122	Phenanthrene-d10	16.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	15
2	Heneicosane	296	C21H44	000629-94-7	15
3	Heptacosane	380	C27H56	000593-49-7	15
4	Octadecane	254	C18H38	000593-45-3	15
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	15





Tentatively Identified Compound (LSC) summary

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Data File : BN009698.D
Acq On : 10 Feb 2020 22:47
Operator : CG/JU
Sample : L1324-09MEDL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT66MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1-etheny...	7.09	4.7	ng/ul	218521	1	7.43	933341	20.0
Indene	7.95	7.0	ng/ul	326397	1	7.43	933341	20.0
(DEL) Alkane: Str...	8.65	3.0	ng/ul	142078	1	7.43	933341	20.0
1H-Indene, 1-methyl-	9.62	2.5	ng/ul	214355	2	10.18	1727660	20.0
(DEL) Alkane: Str...	11.22	2.3	ng/ul	197200	2	10.18	1727660	20.0
(DEL) Alkane: Str...	11.63	7.2	ng/ul	621158	2	10.18	1727660	20.0
Naphthalene, 1-me...	12.07	14.7	ng/ul	1271550	2	10.18	1727660	20.0
Naphthalene, 1-et...	13.09	3.7	ng/ul	360133	3	14.06	1952840	20.0
Naphthalene, 1,6-...	13.22	4.0	ng/ul	395787	3	14.06	1952840	20.0
Naphthalene, 2,3-...	13.38	7.1	ng/ul	694736	3	14.06	1952840	20.0
Naphthalene, 1,7-...	13.43	3.3	ng/ul	325559	3	14.06	1952840	20.0
Naphthalene, 1,4-...	13.62	3.2	ng/ul	312138	3	14.06	1952840	20.0
(DEL) Alkane: Str...	14.00	6.3	ng/ul	614457	3	14.06	1952840	20.0
Naphthalene, 1,6,...	14.47	3.1	ng/ul	307304	3	14.06	1952840	20.0
1,1'-Biphenyl, 3-...	14.69	2.8	ng/ul	272024	3	14.06	1952840	20.0
(DEL) Alkane: Str...	14.96	6.2	ng/ul	608730	3	14.06	1952840	20.0
(DEL) Alkane: Str...	15.37	2.1	ng/ul	202855	3	14.06	1952840	20.0
(DEL) Alkane: Str...	15.82	5.5	ng/ul	552567	4	16.82	1990970	20.0
9H-Fluorene, 1-me...	16.13	2.3	ng/ul	232613	4	16.82	1990970	20.0
(DEL) Alkane: Str...	16.62	5.3	ng/ul	524799	4	16.82	1990970	20.0
Tetradecane, 1-iodo-	17.35	3.3	ng/ul	330727	4	16.82	1990970	20.0
Anthracene, 1-met...	17.70	5.0	ng/ul	495437	4	16.82	1990970	20.0
Phenanthrene, 1-m...	17.75	5.2	ng/ul	519890	4	16.82	1990970	20.0
4H-Cyclopenta[def...	17.89	9.0	ng/ul	895615	4	16.82	1990970	20.0
(DEL) Alkane: Str...	18.05	2.1	ng/ul	211091	4	16.82	1990970	20.0
9,10-Dimethylanth...	18.63	2.7	ng/ul	266903	4	16.82	1990970	20.0
(DEL) Alkane: Str...	18.69	3.0	ng/ul	295122	4	16.82	1990970	20.0