LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021120\
Data File : BN009703.D
Acq On : 11 Feb 2020 12:51
Operator : CG/JU
Sample : L1324-15MEDL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT70MEDL

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	5.128	359	364	375	rVB2	33372	72654	1.03%	0.122%
2	5.475	415	423	434	rBV4	53686	133115	1.89%	0.224%
3	7.081	688	696	706	rBV2	181560	329635	4.69%	0.555%
4	7.422	747	754	761	rBV	639371	999613	14.22%	1.684%
5	7.534	768	773	780	rVB	44163	67672	0.96%	0.114%
6	7.946	835	843	852	rBV	567054	930406	13.24%	1.567%
7	8.146	872	877	889	rVV2	32923	61170	0.87%	0.103%
8	8.575	945	950	958	rVV3	30149	64344	0.92%	0.108%
9	9.616	1112	1127	1133	rBV4	123802	319560	4.55%	0.538%
10	9.681	1133	1138	1142	rBV3	100975	190055	2.70%	0.320%
11	10.169	1214	1221	1225	rBV	898407	1538170	21.88%	2.591%
12	10.222	1225	1230	1240	rVB	4369478	7029855	100.00%	11.842%
13	10.340	1245	1250	1258	rVV2	74922	144607	2.06%	0.244%
14	11.840	1497	1505	1516	rBV	2040836	3289361	46.79%	5.541%
15	12.063	1533	1543	1555	rVB	1212714	2015138	28.67%	3.394%
16	12.887	1677	1683	1692	rVB	322971	524939	7.47%	0.884%
17	13.081	1710	1716	1728	rVB2	74792	162325	2.31%	0.273%
18	13.216	1734	1739	1741	rBV	240456	357348	5.08%	0.602%
19	13.381	1759	1767	1772	rVV	454248	777215	11.06%	1.309%
20	13.434	1772	1776	1782	rVV	269722	412730	5.87%	0.695%
21	13.492	1782	1786	1787	rVV	99038	130950	1.86%	0.221%
22	13.516	1787	1790	1798	rVV2	153622	257693	3.67%	0.434%
23	13.616	1802	1807	1811	rVV	208059	324221	4.61%	0.546%
24	13.651	1811	1813	1817	rVB	62658	68296	0.97%	0.115%
25	13.781	1823	1835	1842	rBV	1001384	1694790	24.11%	2.855%
26	14.063	1876	1883	1889	rVV	1336342	2061938	29.33%	3.473%
27	14.128	1889	1894	1897	rVV	130137	180792	2.57%	0.305%
28	14.163	1897	1900	1905	rVB2	61818	78664	1.12%	0.133%
29	14.287	1915	1921	1928	rBV5	29698	67912	0.97%	0.114%
30	14.475	1943	1953	1960	rBV2	152676	291688	4.15%	0.491%
31	14.551	1960	1966	1971	rBV	89174	126202	1.80%	0.213%
32	14.686	1983	1989	1996	rBV3	91855	202183	2.88%	0.341%
33	14.751	1996	2000	2004	rVB	64750	80962	1.15%	0.136%
34	14.945	2028	2033	2040	rVB3	126919	209442	2.98%	0.353%

LSC Area Percent Report

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Operator : CG/JU
Sample : L1324-15MEDL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT70MEDL

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	15.022	2040	2046	2049	rBV4	37281	69330	0.99%	0.117%
36	15.063	2049	2053	2058	rVB	242566	333953	4.75%	0.563%
37	15.122	2058	2063	2070	rBV	937551	1292663	18.39%	2.177%
38	15.245	2076	2084	2088	rBV6	60116	139342	1.98%	0.235%
39	15.328	2094	2098	2102	rBV4	36330	65034	0.93%	0.110%
40	15.422	2109	2114	2118	rBV	75832	123016	1.75%	0.207%
41	15.539	2129	2134	2137	rVV	135274	196282	2.79%	0.331%
42	15.569	2137	2139	2148	rVB2	49094	98379	1.40%	0.166%
43	15.822	2174	2182	2185	rBV3	47716	81059	1.15%	0.137%
44	16.133	2226	2235	2240	rBV2	148033	314413	4.47%	0.530%
45	16.181	2240	2243	2248	rVB	114087	148204	2.11%	0.250%
46	16.281	2255	2260	2266	rVB	99935	140529	2.00%	0.237%
47	16.486	2291	2295	2302	rVB3	47253	73388	1.04%	0.124%
48	16.639	2314	2321	2329	rBV	263955	410872	5.84%	0.692%
49	16.822	2345	2352	2355	rBV	1536387	2204096	31.35%	3.713%
50	16.863	2355	2359	2365	rVB	3353278	4350265	61.88%	7.328%
51	16.922	2365	2369	2370	rBV2	128523	159995	2.28%	0.270%
52	16.951	2370	2374	2382	rVB	667734	934445	13.29%	1.574%
53	17.022	2382	2386	2388	rBV3	43317	68885	0.98%	0.116%
54	17.239	2419	2423	2427	rBV5	50868	81977	1.17%	0.138%
55	17.345	2436	2441	2446	rBV3	103316	137264	1.95%	0.231%
56	17.404	2446	2451	2457	rBV2	118199	184304	2.62%	0.310%
57	17.545	2470	2475	2482	rVB2	118128	195480	2.78%	0.329%
58	17.698	2495	2501	2505	rBV	527224	749454	10.66%	1.262%
59	17.745	2505	2509	2516	rVB	583717	788603	11.22%	1.328%
60	17.828	2517	2523	2528	rBV	174529	251188	3.57%	0.423%
61	17.886	2528	2533	2537	rVV2	709681	1166814	16.60%	1.965%
62	17.927	2537	2540	2548	rVB	345686	485345	6.90%	0.818%
63	18.157	2573	2579	2582	rBV5	33000	62542	0.89%	0.105%
64	18.204	2582	2587	2592	rBV	261050	331055	4.71%	0.558%
65	18.504	2635	2638	2642	rBV	61738	84922	1.21%	0.143%
66	18.545	2642	2645	2649	rVB3	47932	70964	1.01%	0.120%
67	18.627	2650	2659	2664	rBV	209592	375508	5.34%	0.633%
68	18.692	2664	2670	2673	rBV5	132059	231992	3.30%	0.391%
69	18.722	2673	2675	2679	rVB	79862	84585	1.20%	0.142%
70	18.769	2679	2683	2684	rBV2	64421	76816	1.09%	0.129%
71	18.892	2698	2704	2710	rBV	1354973	1786406	25.41%	3.009%

LSC Area Percent Report

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Operator : CG/JU
Sample : L1324-15MEDL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT70MEDL

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	18.969	2713	2717	2720	rVV	44504	65656	0.93%	0.111%
73	19.045	2726	2730	2735	rVV	338376	416853	5.93%	0.702%
74	19.257	2756	2766	2777	rBV	1821986	2772626	39.44%	4.670%
75	19.345	2777	2781	2787	rVB4	41339	70942	1.01%	0.120%
76	19.592	2818	2823	2834	rBV3	119761	272182	3.87%	0.458%
77	19.733	2841	2847	2849	rBV3	127006	220037	3.13%	0.371%
78	19.763	2849	2852	2857	rVB3	322147	423376	6.02%	0.713%
79	19.863	2865	2869	2875	rVB	314516	363008	5.16%	0.611%
80	19.922	2875	2879	2884	rBV2	211342	258225	3.67%	0.435%
81	20.063	2899	2903	2907	rVV	143843	197231	2.81%	0.332%
82	20.110	2907	2911	2922	rVB	191285	317805	4.52%	0.535%
83	20.369	2950	2955	2957	rBV3	43382	72662	1.03%	0.122%
84	20.680	3005	3008	3012	rVV	113808	169322	2.41%	0.285%
85	20.721	3012	3015	3018	rVV	156343	194189	2.76%	0.327%
86	20.757	3018	3021	3032	rVB4	91743	227450	3.24%	0.383%
87	21.033	3061	3068	3072	rBV2	2093296	3527098	50.17%	5.941%
88	21.074	3072	3075	3080	rVB	597388	734701	10.45%	1.238%
89	21.251	3102	3105	3113	rVB5	101747	143743	2.04%	0.242%
90	21.527	3149	3152	3155	rBV2	60875	76303	1.09%	0.129%
91	21.580	3158	3161	3165	rVB	147663	180624	2.57%	0.304%
92	21.763	3189	3192	3195	rBV4	78705	113525	1.61%	0.191%
93	21.792	3195	3197	3202	rVB	130225	150996	2.15%	0.254%
94	22.080	3242	3246	3253	rVB	134484	212815	3.03%	0.358%
95	22.545	3318	3325	3333	rBV2	325663	909899	12.94%	1.533%
96	22.968	3393	3397	3402	rBV	181860	319782	4.55%	0.539%
97	23.015	3402	3405	3408	rVV	92452	129396	1.84%	0.218%
98	23.063	3408	3413	3420	rVB2	449781	834682	11.87%	1.406%
99	23.151	3422	3428	3434	rBV	1315325	2232362	31.76%	3.760%
100	23.662	3512	3515	3521	rVB2	127737	212437	3.02%	0.358%

Sum of corrected areas: 59364941

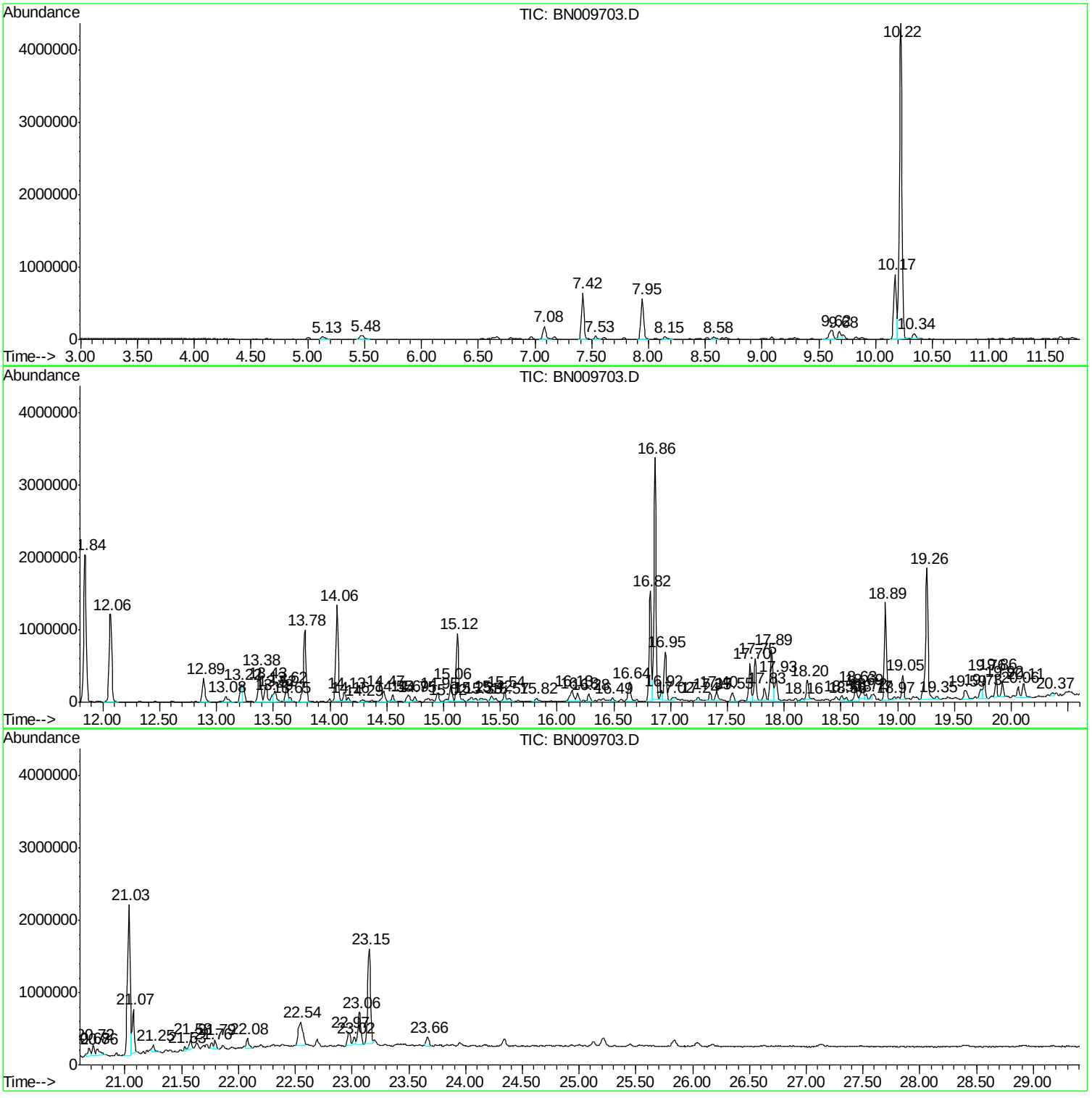
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021120\
Data File : BN009703.D
Acq On : 11 Feb 2020 12:51
Operator : CG/JU
Sample : L1324-15MEDL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT70MEDL

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\BN021120\
Data File : BN009703.D
Acq On : 11 Feb 2020 12:51
Operator : CG/JU
Sample : L1324-15MEDL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT70MEDL

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

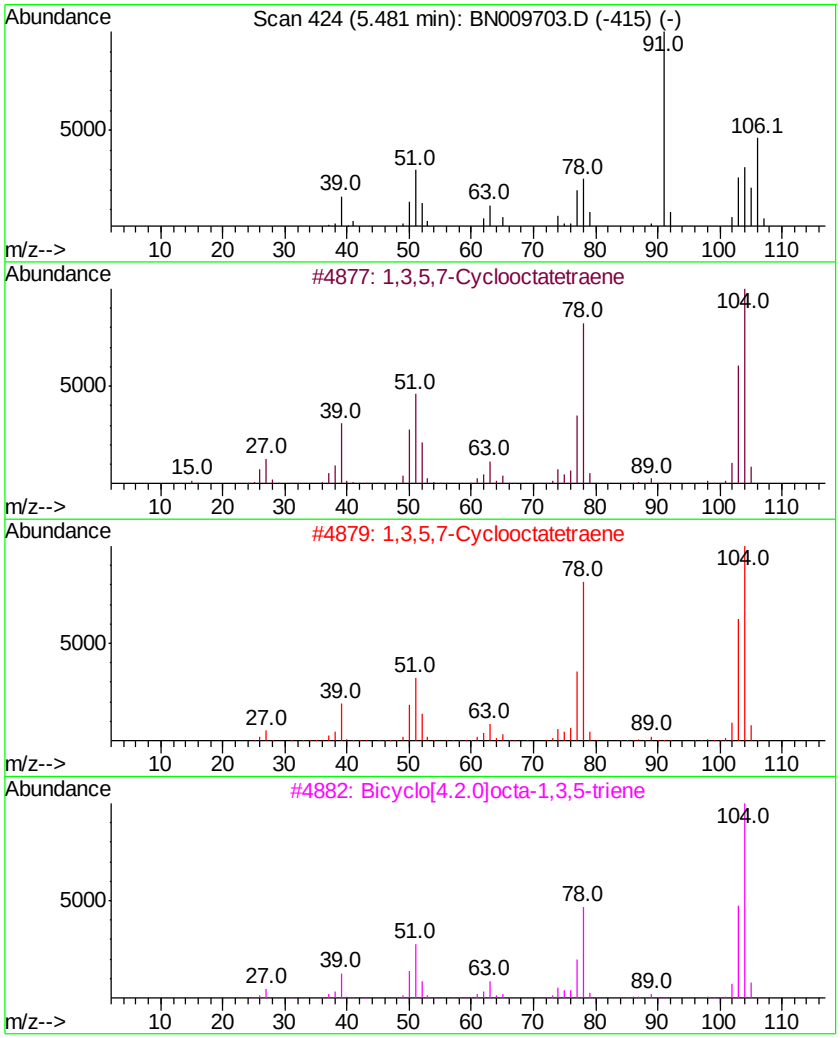
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

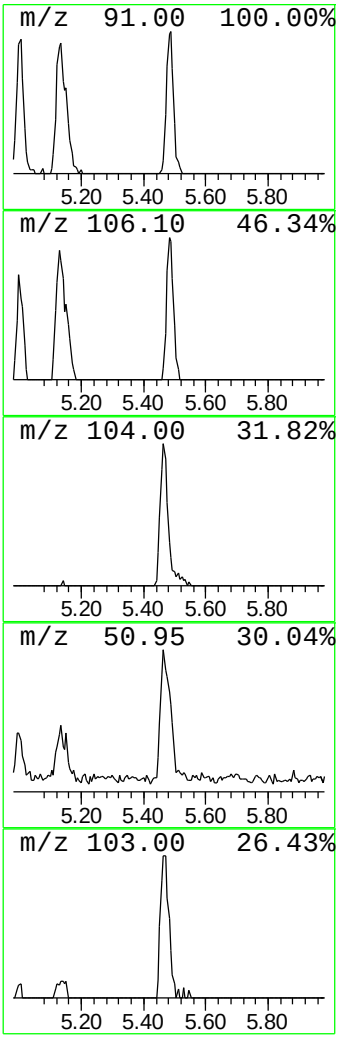
****

Peak Number 1 1,3,5,7-Cyclooctatetraene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.48	2.66 ng/ul	133115	1,4-Dichlorobenzene-d4	7.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	92
2	1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	76
3	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	76
4	Styrene	104	C8H8	000100-42-5	76
5	Styrene	104	C8H8	000100-42-5	76





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021120\
Data File : BN009703.D
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Operator : CG/JU
Sample : L1324-15MEDL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT70MEDL

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

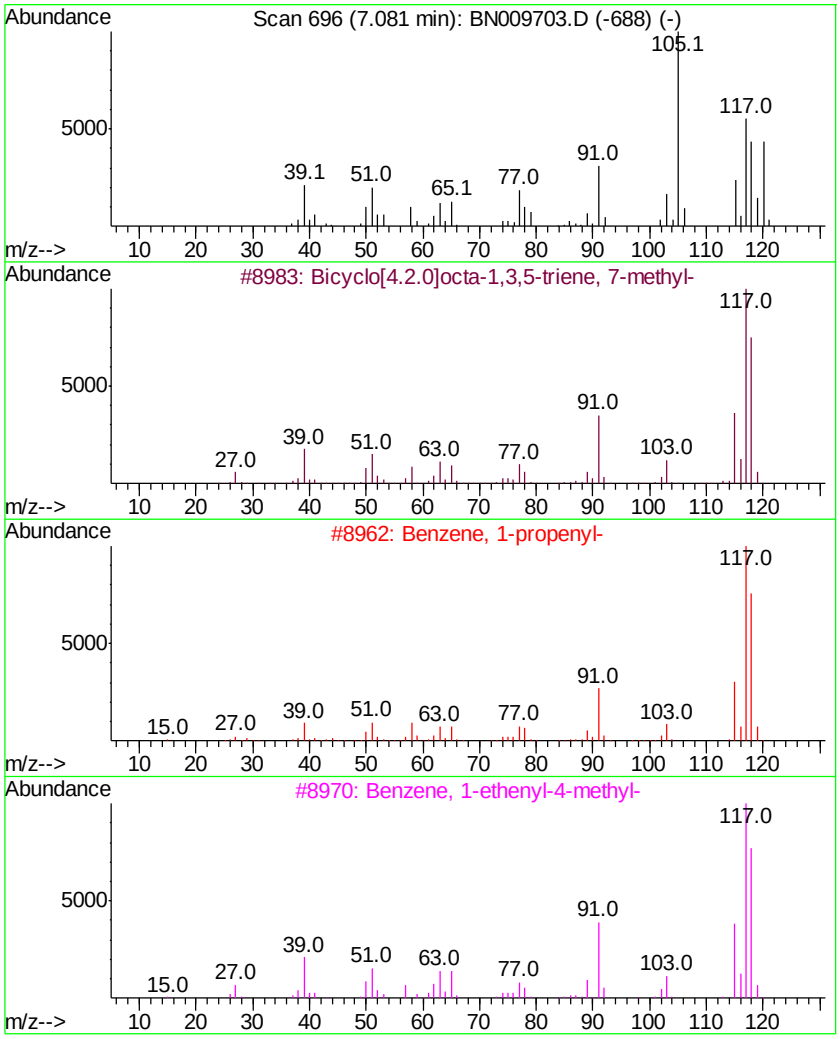
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

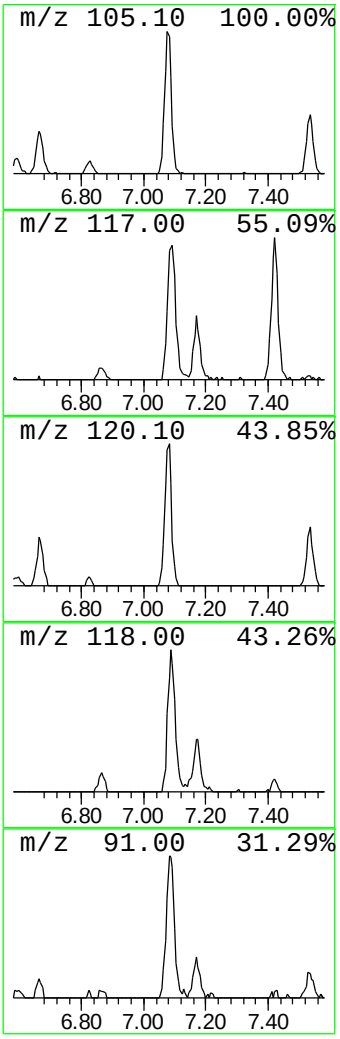
****

Peak Number 2 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.08	6.60 ng/ul	329635	1,4-Dichlorobenzene-d4	7.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	55
2	Benzene, 1-propenyl-	118	C9H10	000637-50-3	49
3	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	46
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	45
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	43





Library Search Compound Report

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Instrument : BNA_N
ClientSampleId : GAT70MEDL

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

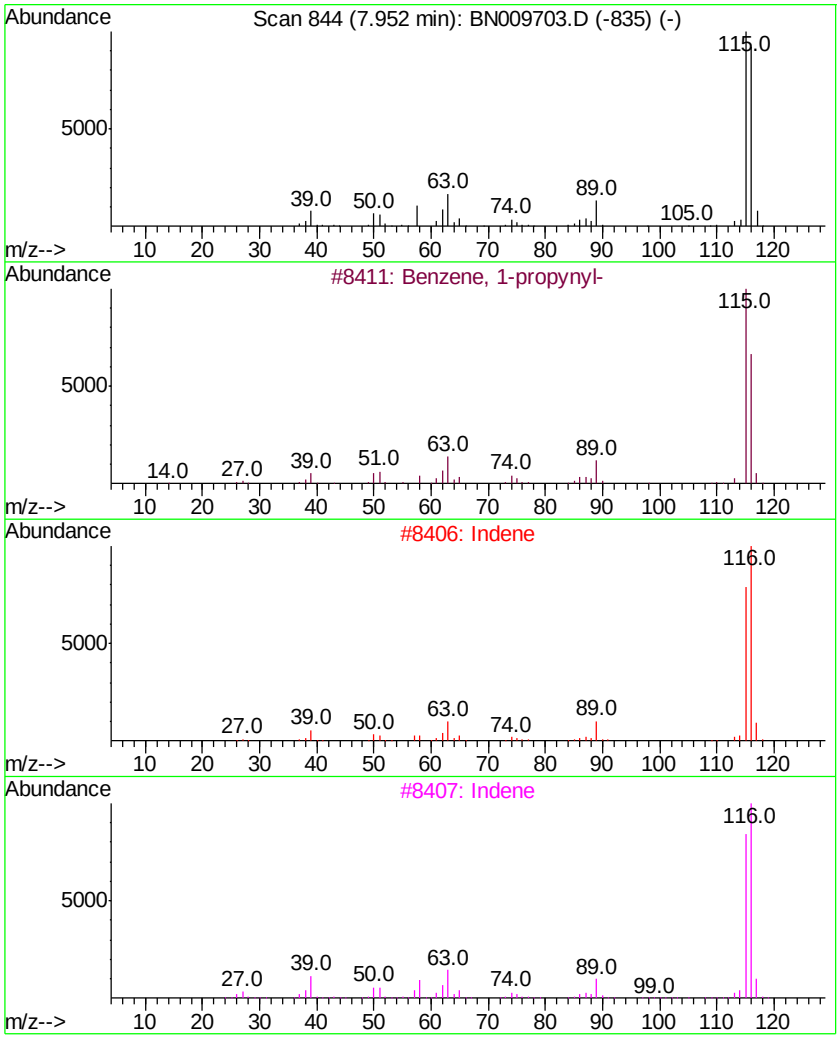
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

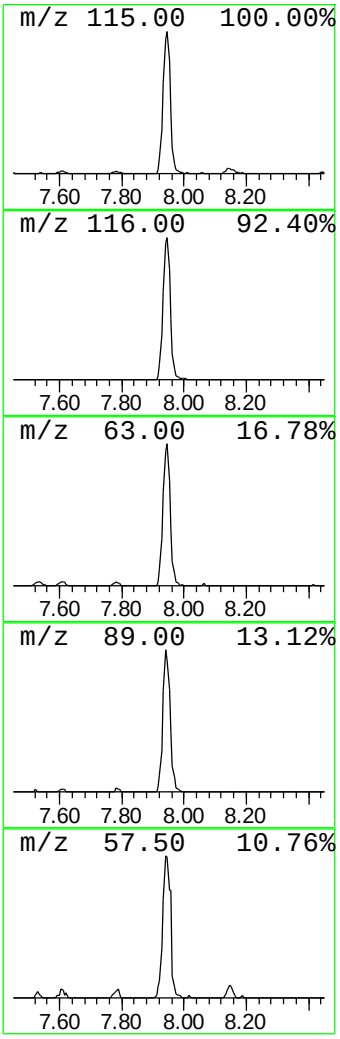
****

Peak Number 3 Benzene, 1-propynyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.95	18.62 ng/ul	930406	1,4-Dichlorobenzene-d4	7.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
2	Indene	116	C9H8	000095-13-6	94
3	Indene	116	C9H8	000095-13-6	93
4	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91





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Misc :
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Instrument : BNA_N
ClientSampleId : GAT70MEDL

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

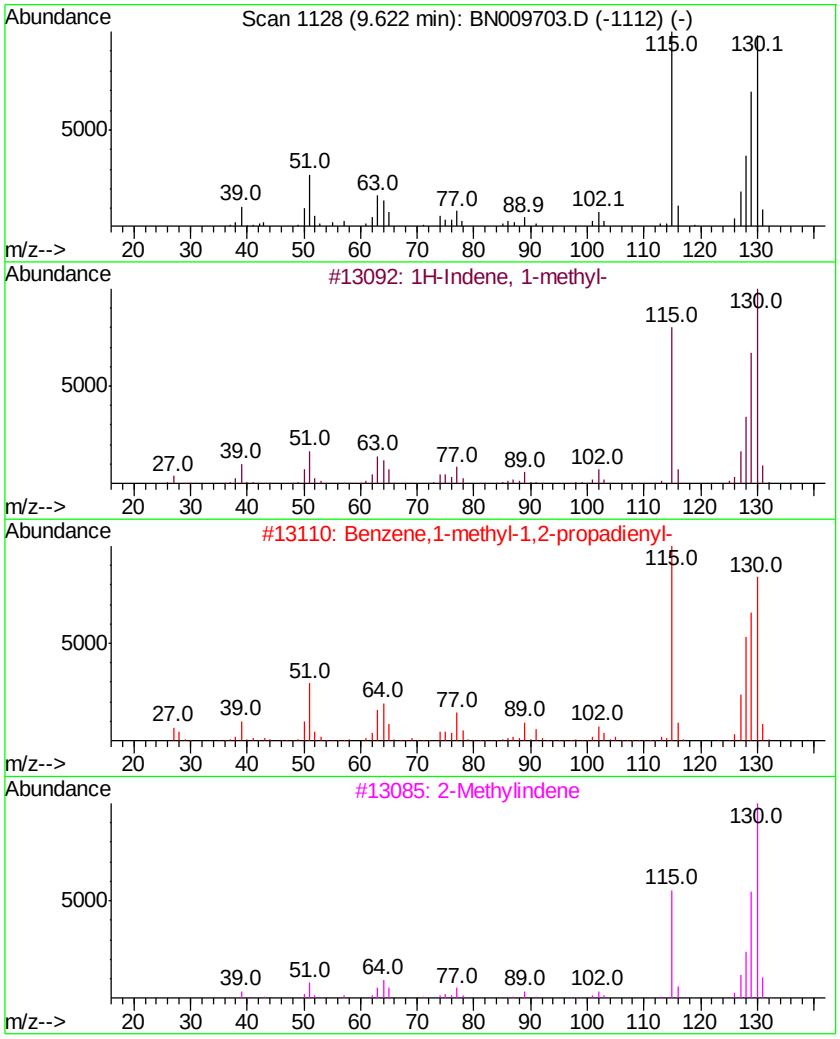
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

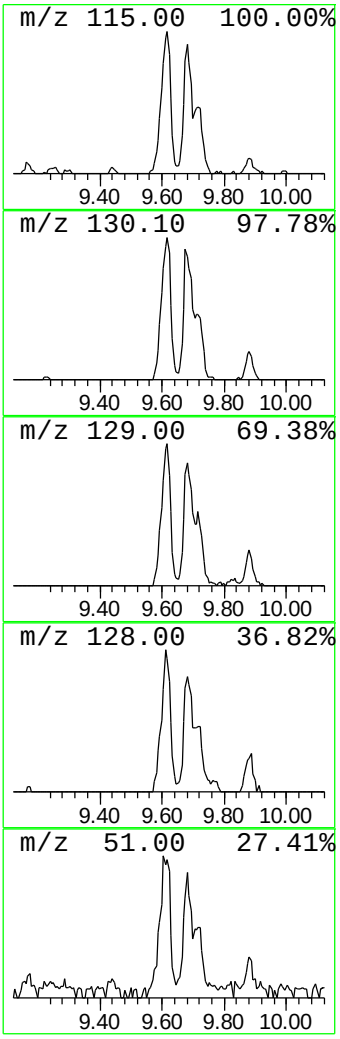
****

Peak Number 4 1H-Indene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.62	4.16 ng/ul	319560	Naphthalene-d8	10.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
2	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	95
3	2-Methylindene	130	C10H10	002177-47-1	95
4	2-Methylindene	130	C10H10	002177-47-1	93
5	Benzene, 1-butynyl-	130	C10H10	000622-76-4	93





Library Search Compound Report

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Data File : BN009703.D
Acq On : 11 Feb 2020 12:51
Operator : CG/JU
Sample : L1324-15MEDL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT70MEDL

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

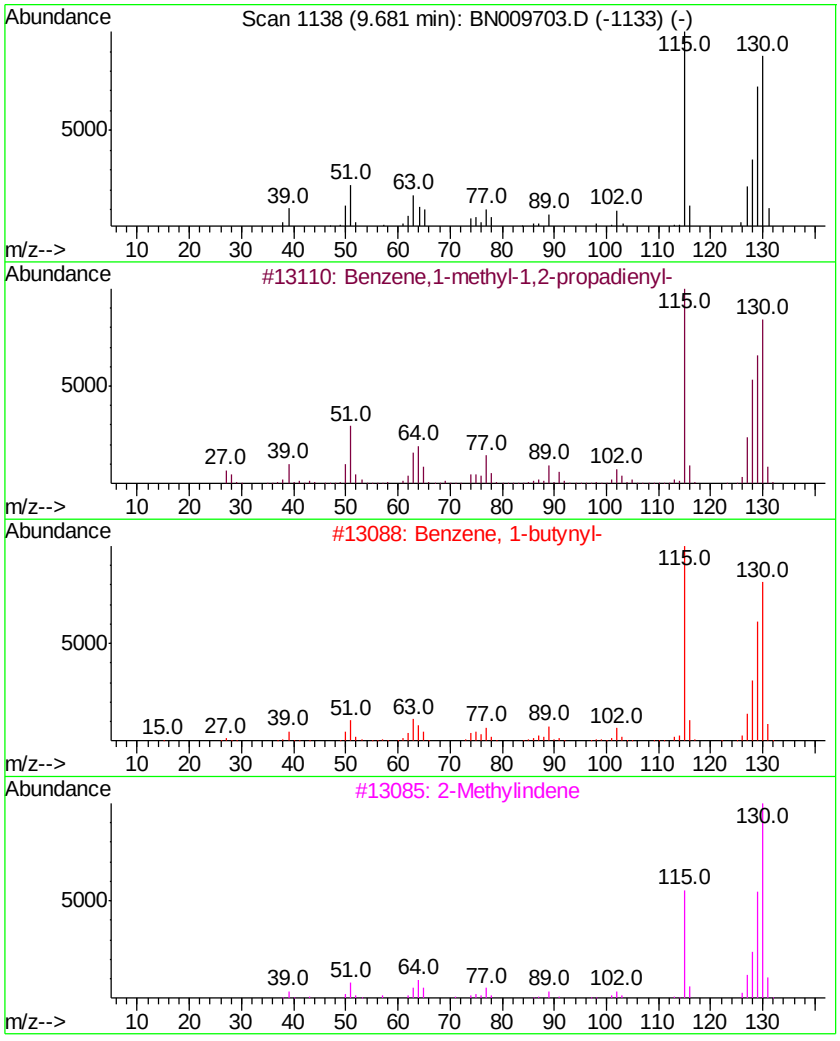
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

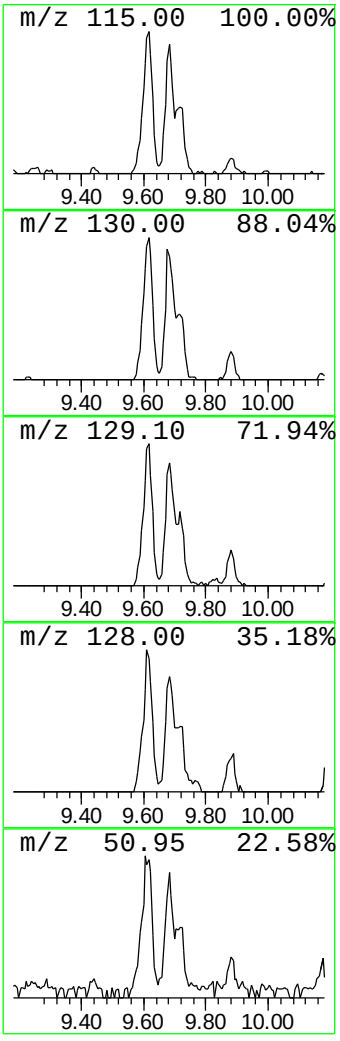
****

Peak Number 5 Benzene,1-methyl-1,2-propad... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.68	2.47 ng/ul	190055	Naphthalene-d8	10.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	95
2	Benzene, 1-butynyl-	130	C10H10	000622-76-4	94
3	2-Methylindene	130	C10H10	002177-47-1	93
4	Benzene, 1-butynyl-	130	C10H10	000622-76-4	93
5	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	93





Library Search Compound Report

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Acq On : 11 Feb 2020 12:51
Operator : CG/JU
Sample : L1324-15MEDL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT70MEDL

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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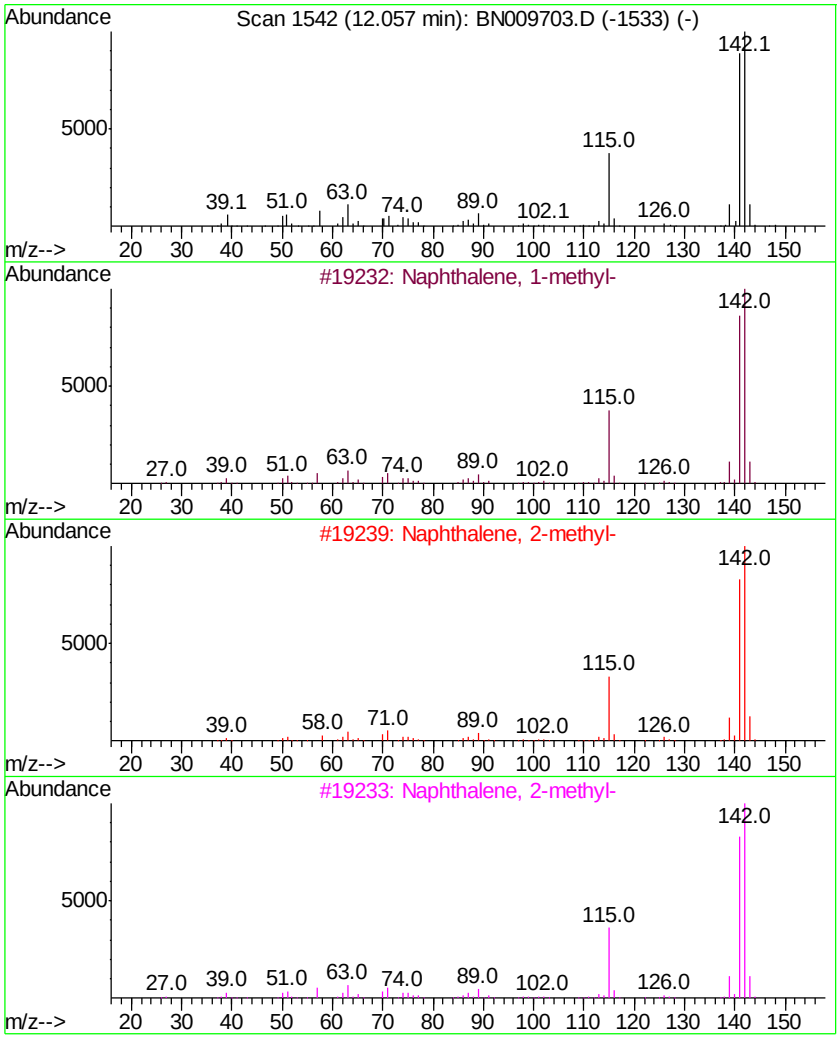
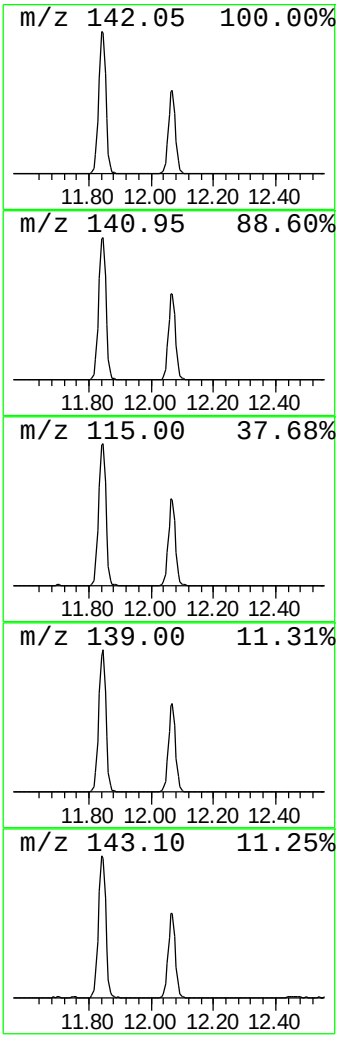
Peak Number 6 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	26.20 ng/ul	2015140	Naphthalene-d8	10.17

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	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94





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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT70MEDL

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Quant Title : SVOA CALIBRATION

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

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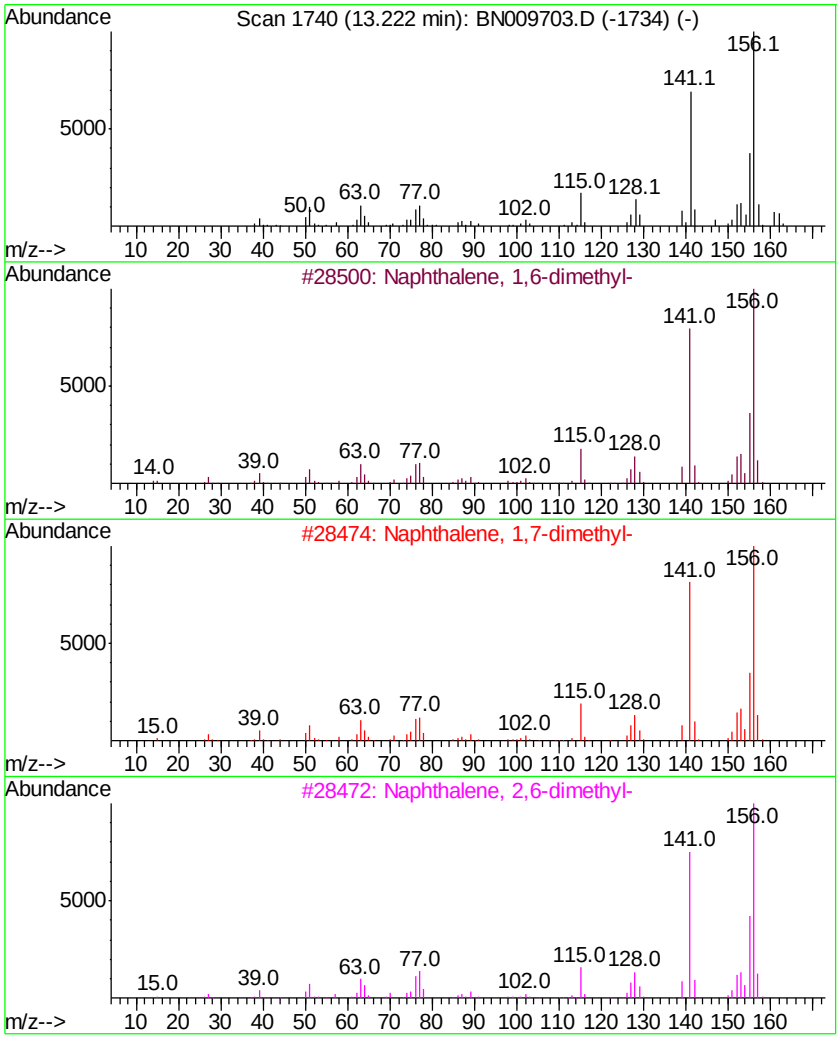
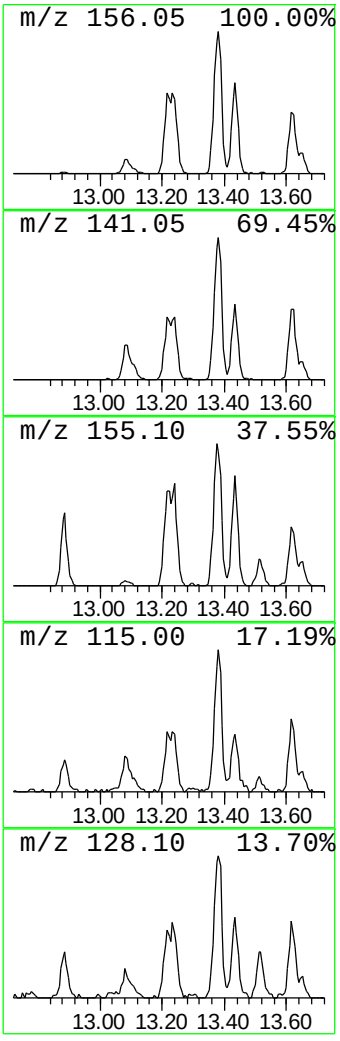
Peak Number 7 Naphthalene, 1,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	3.47 ng/ul	357348	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	98
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





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Sample : L1324-15MEDL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT70MEDL

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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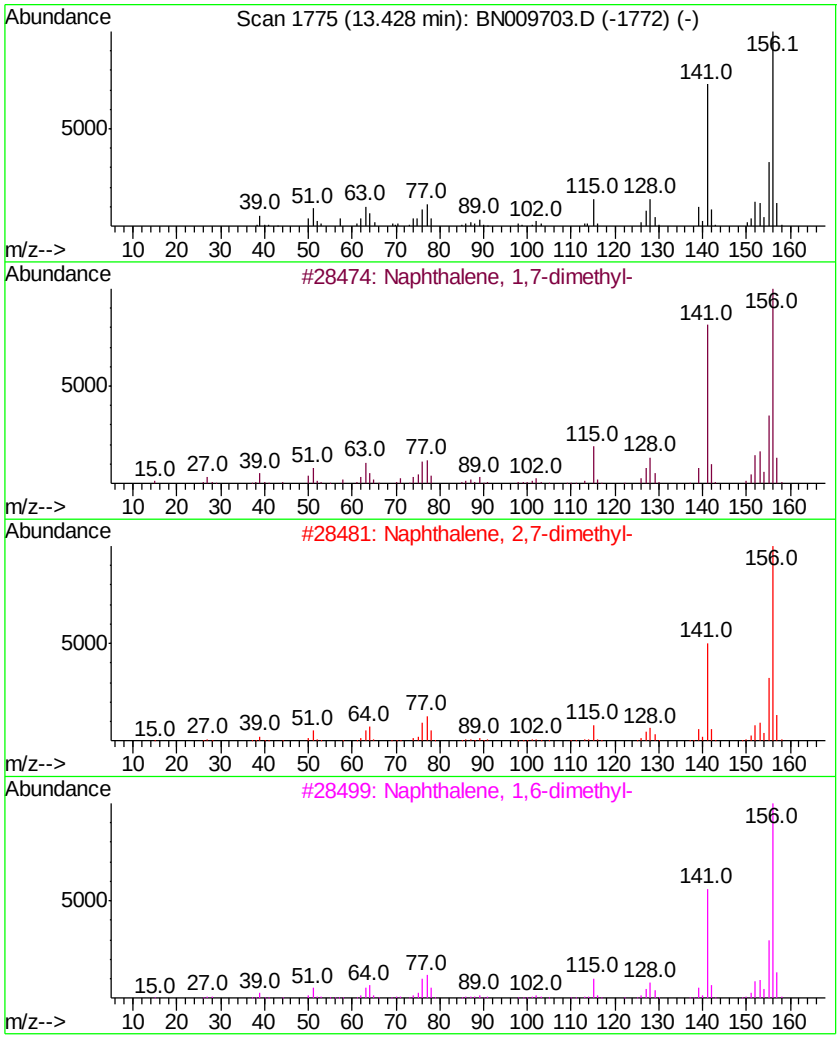
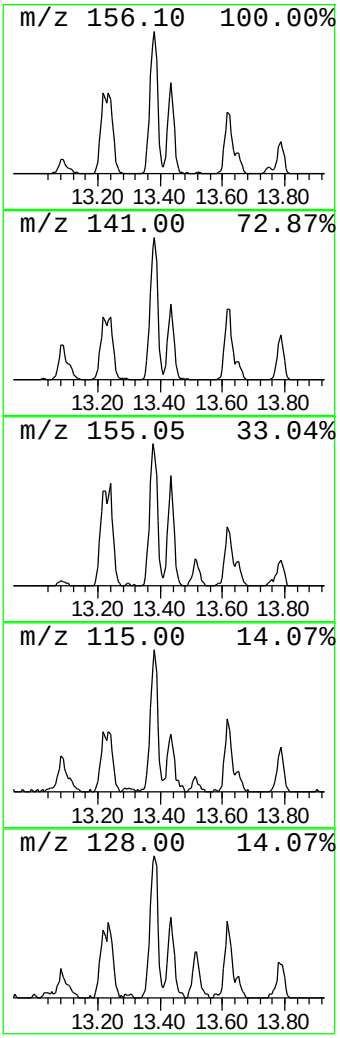
Peak Number 9 Naphthalene, 1,7-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.43	4.00 ng/ul	412730	Acenaphthene-d10	14.06

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





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Acq On : 11 Feb 2020 12:51
Operator : CG/JU
Sample : L1324-15MEDL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT70MEDL

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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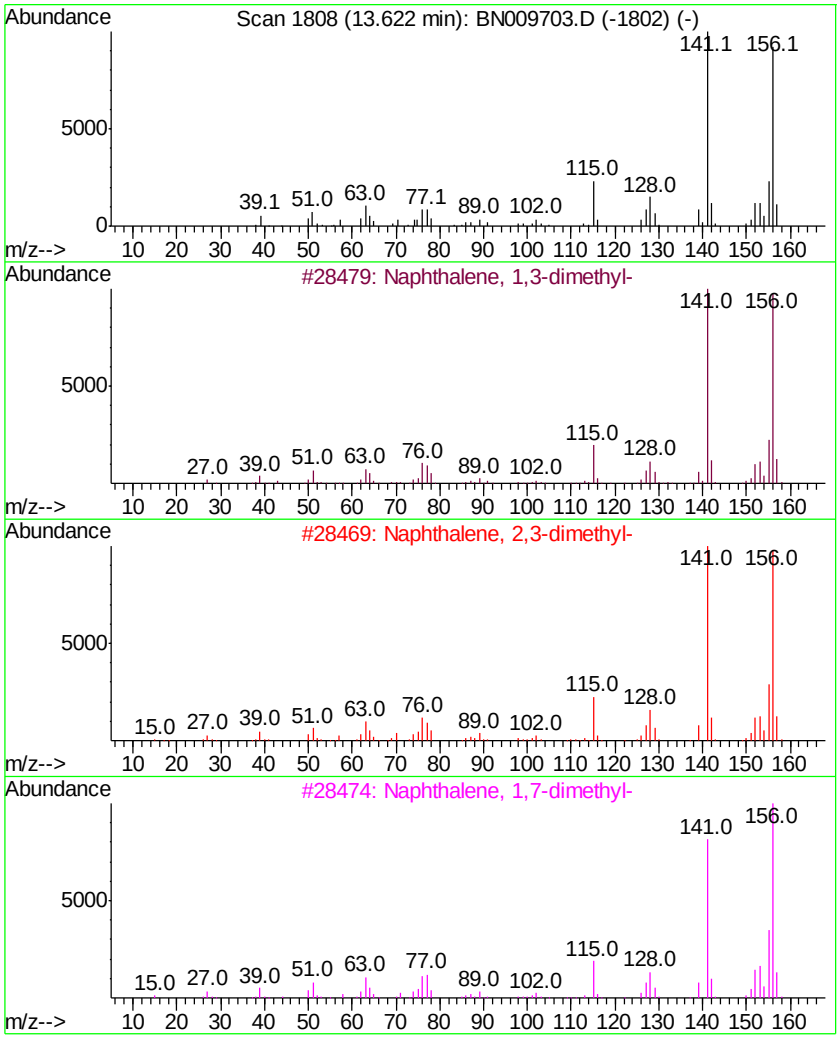
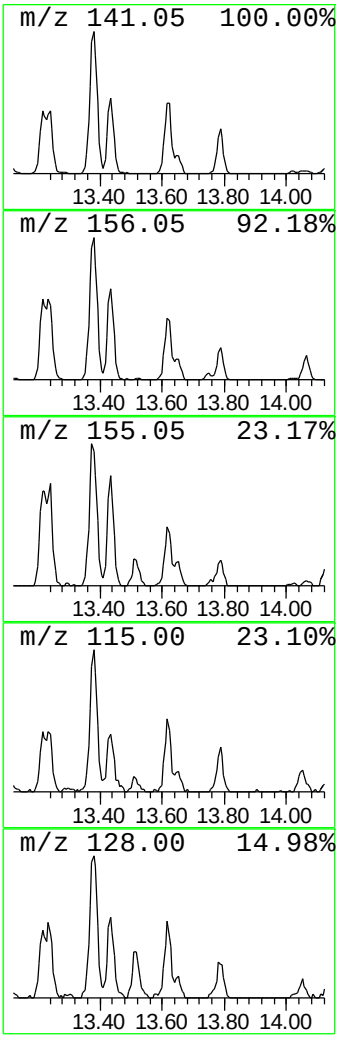
Peak Number 10 Naphthalene, 1,3-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.62	3.14 ng/ul	324221	Acenaphthene-d10	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95





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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT70MEDL

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Quant Title : SVOA CALIBRATION

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

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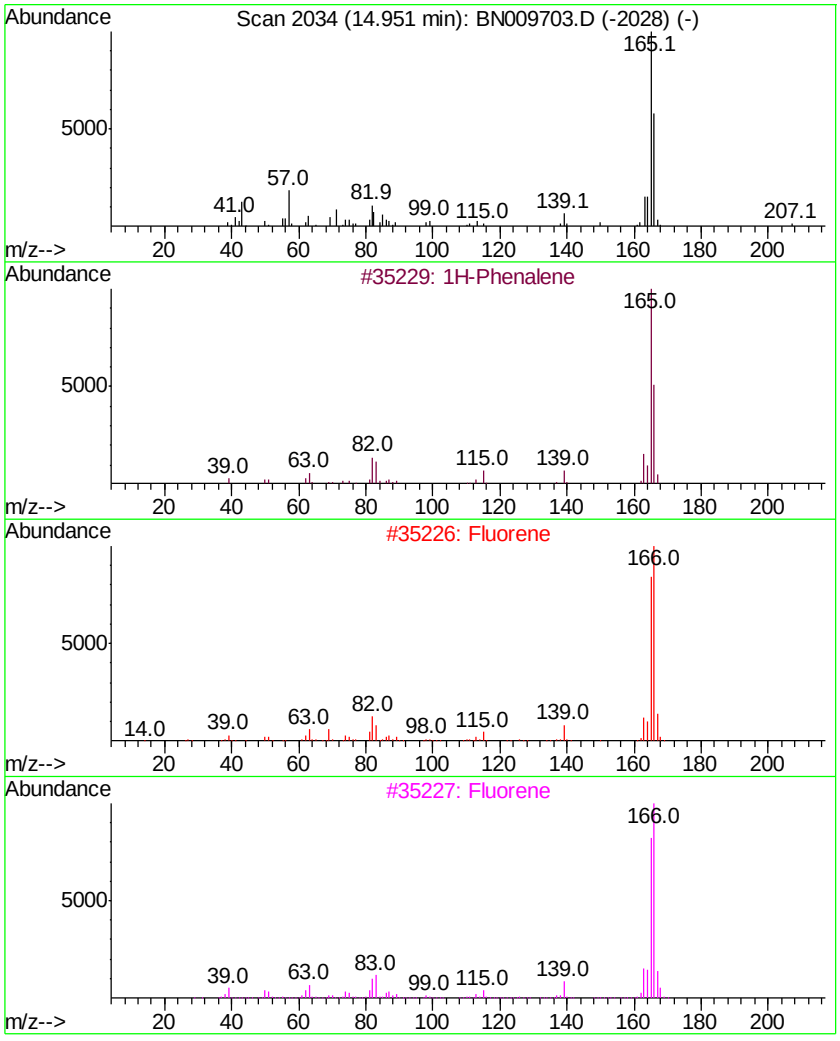
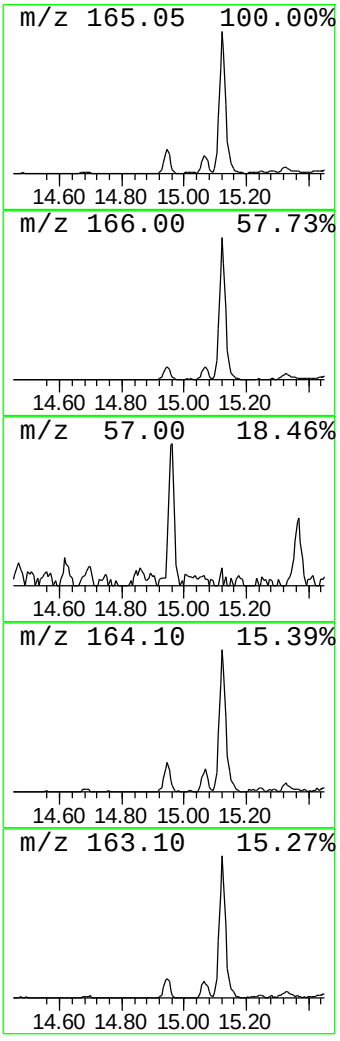
Peak Number 11 1H-Phenalene Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.95	2.03 ng/ul	209442	Acenaphthene-d10	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Phenalene	166	C13H10	000203-80-5	86
2	Fluorene	166	C13H10	000086-73-7	42
3	Fluorene	166	C13H10	000086-73-7	40
4	Fluorene	166	C13H10	000086-73-7	40
5	3-Trifluoromethylbenzhydryl chlo...	270	C14H10ClF3	067240-79-3	40





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Acq On : 11 Feb 2020 12:51
Operator : CG/JU
Sample : L1324-15MEDL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT70MEDL

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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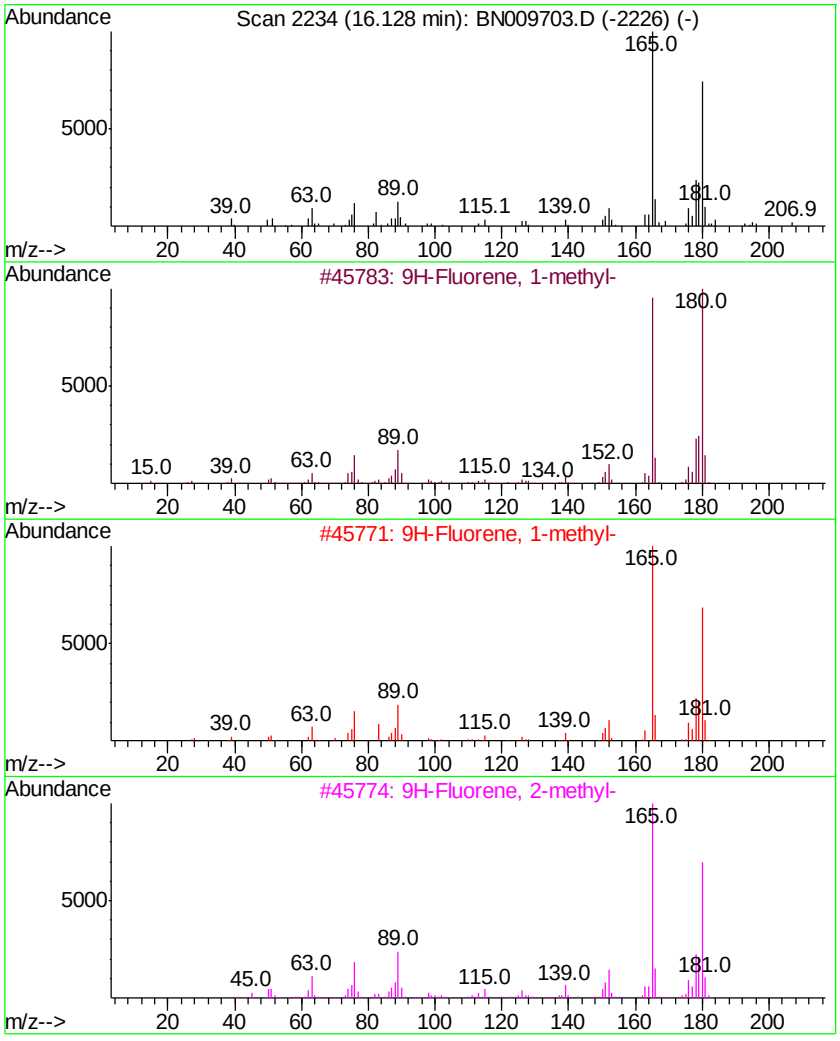
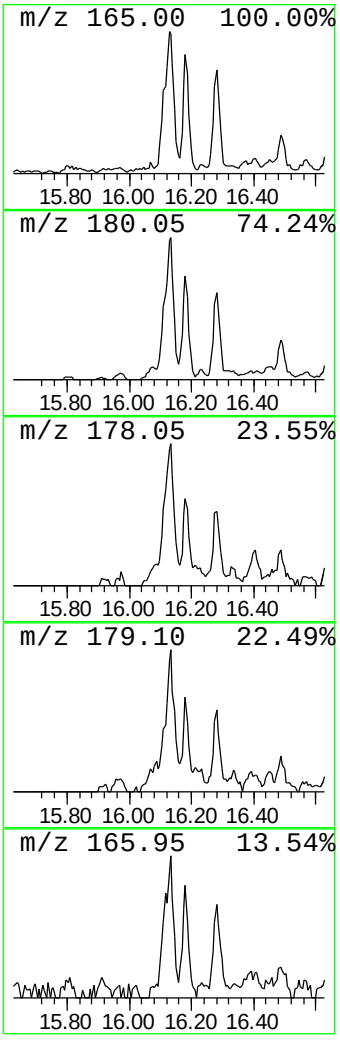
Peak Number 12 9H-Fluorene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.13	2.85 ng/ul	314413	Phenanthrene-d10	16.82

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





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Acq On : 11 Feb 2020 12:51
Operator : CG/JU
Sample : L1324-15MEDL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT70MEDL

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Quant Title : SVOA CALIBRATION

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

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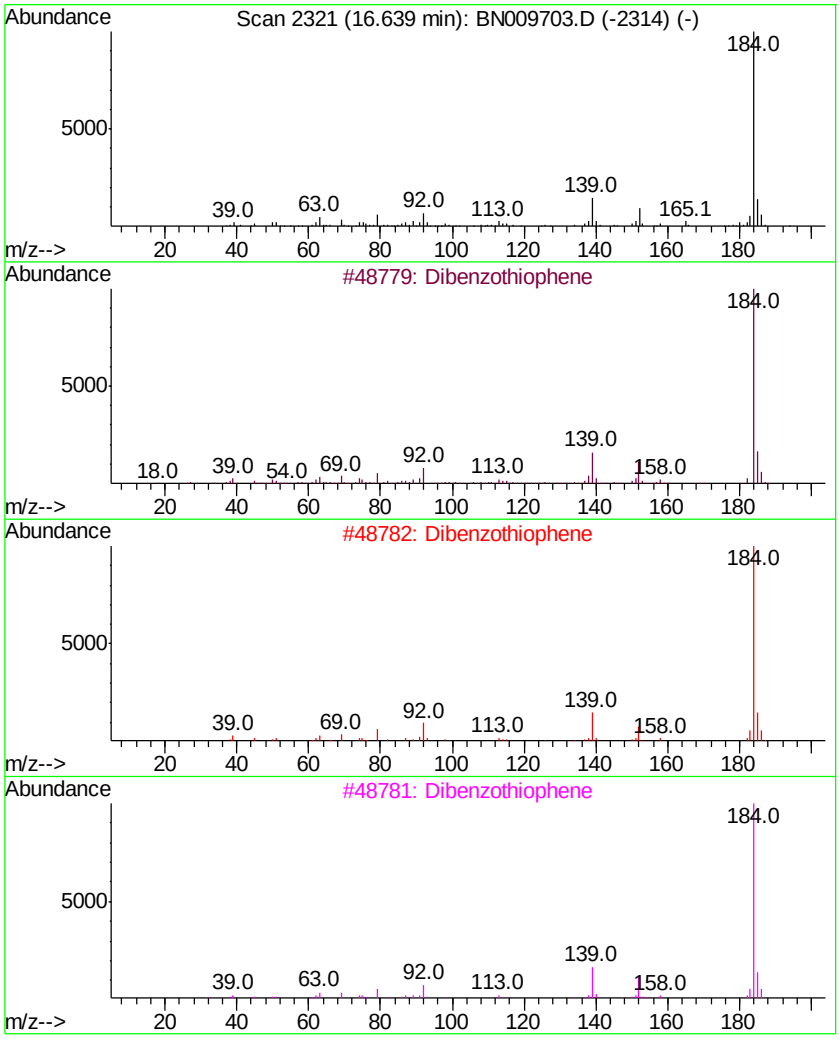
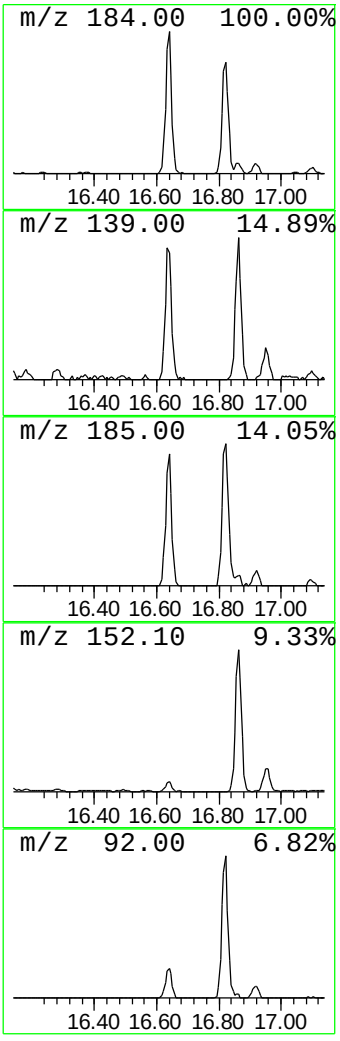
Peak Number 13 Dibenzothiophene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.64	3.73 ng/ul	410872	Phenanthrene-d10	16.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	96
2	Dibenzothiophene	184	C12H8S	000132-65-0	96
3	Dibenzothiophene	184	C12H8S	000132-65-0	96
4	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95





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Sample : L1324-15MEDL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT70MEDL

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Quant Title : SVOA CALIBRATION

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

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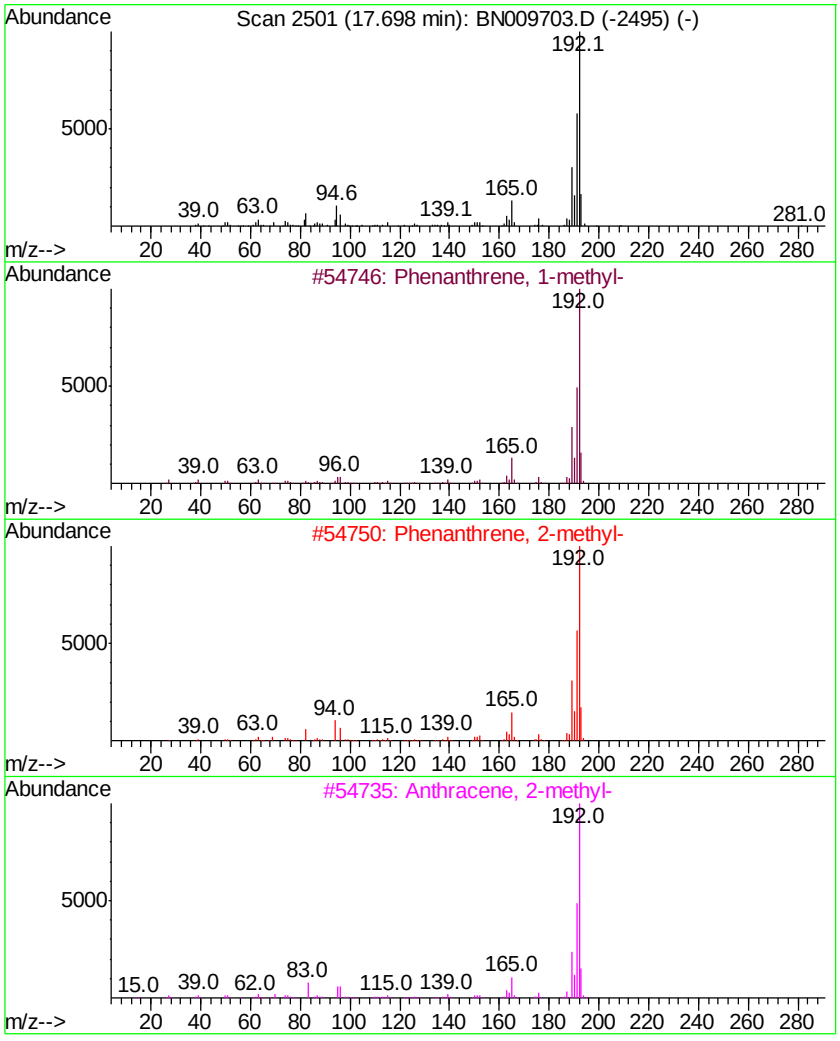
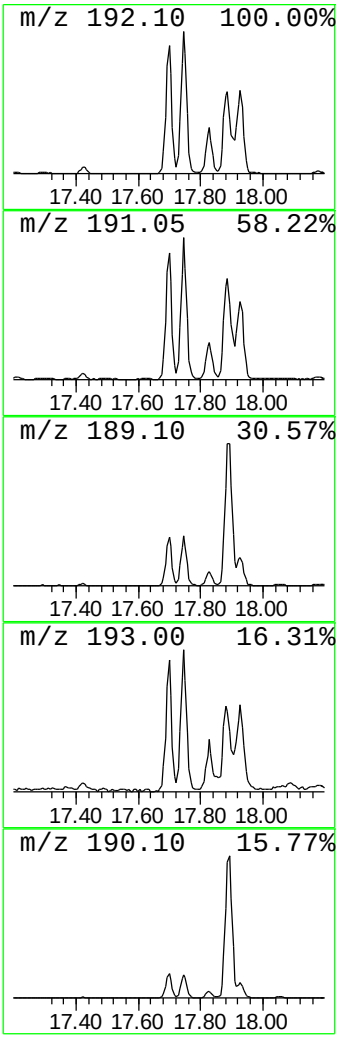
Peak Number 14 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.70	6.80 ng/ul	749454	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	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





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Sample : L1324-15MEDL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT70MEDL

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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 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.75	7.16 ng/ul	788603	Phenanthrene-d10	16.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
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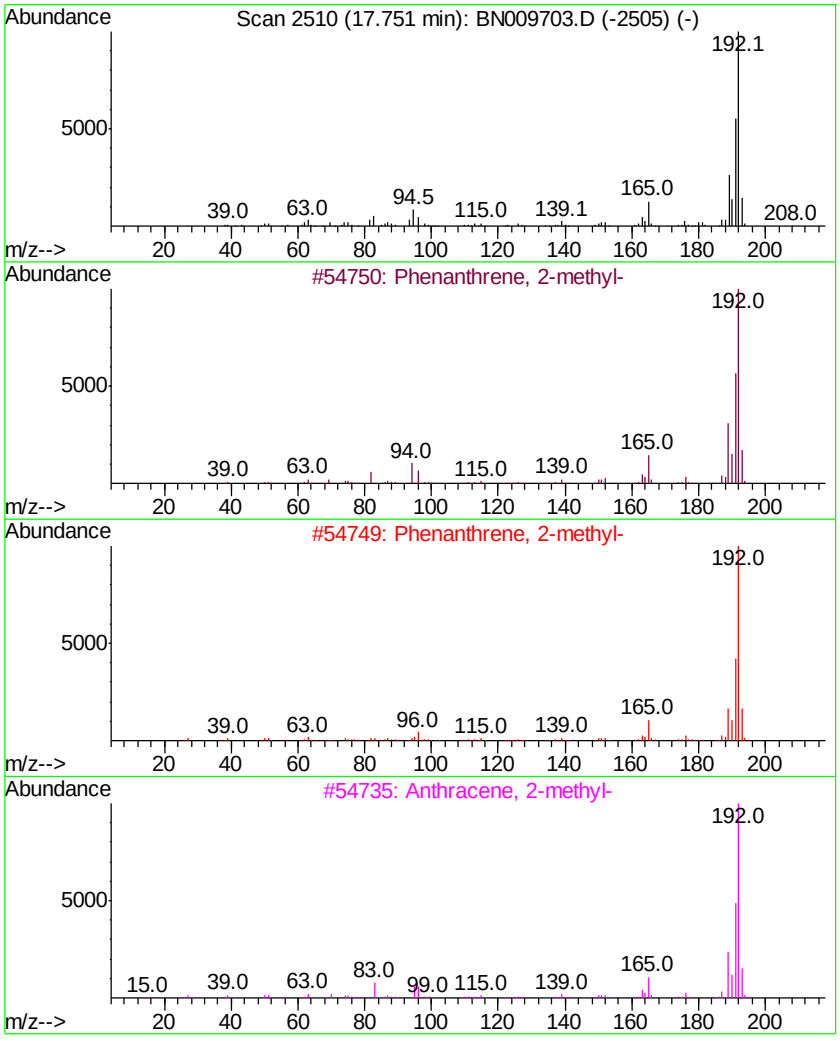
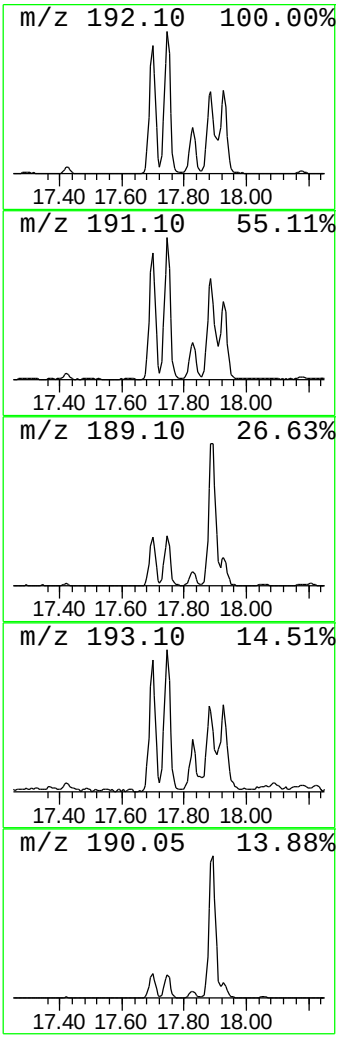
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95





Library Search Compound Report

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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
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Quant Title : SVOA CALIBRATION

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

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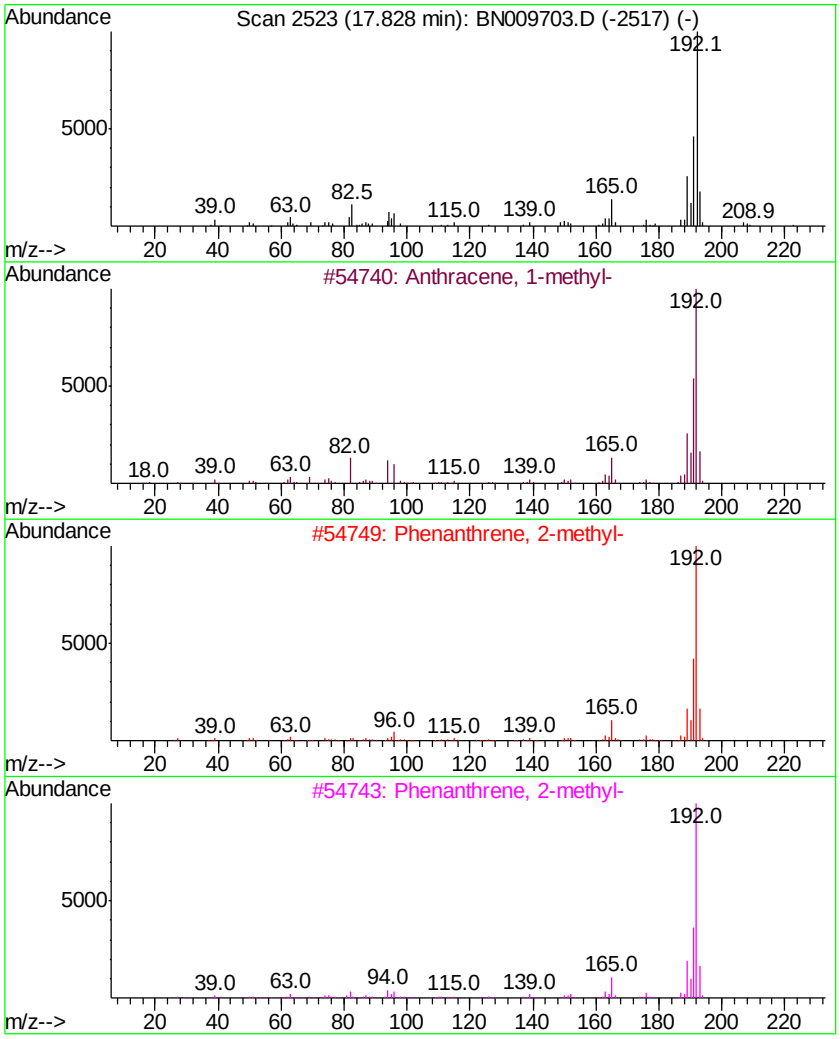
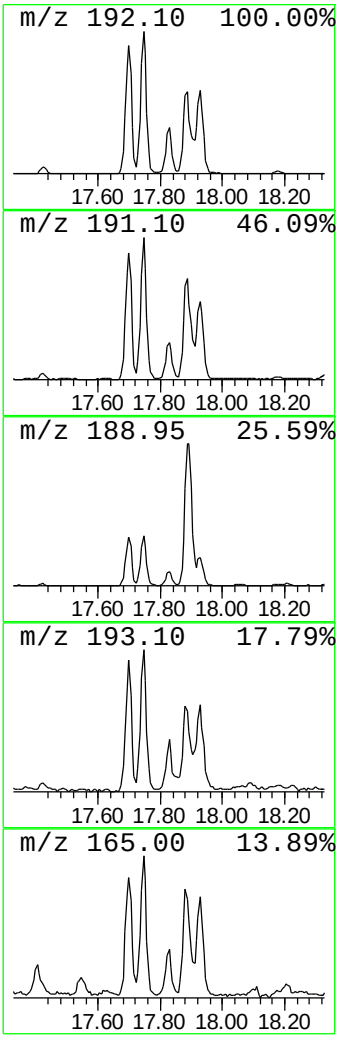
Peak Number 16 Anthracene, 1-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.83	2.28 ng/ul	251188	Phenanthrene-d10	16.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96





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Sample : L1324-15MEDL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT70MEDL

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Quant Title : SVOA CALIBRATION

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

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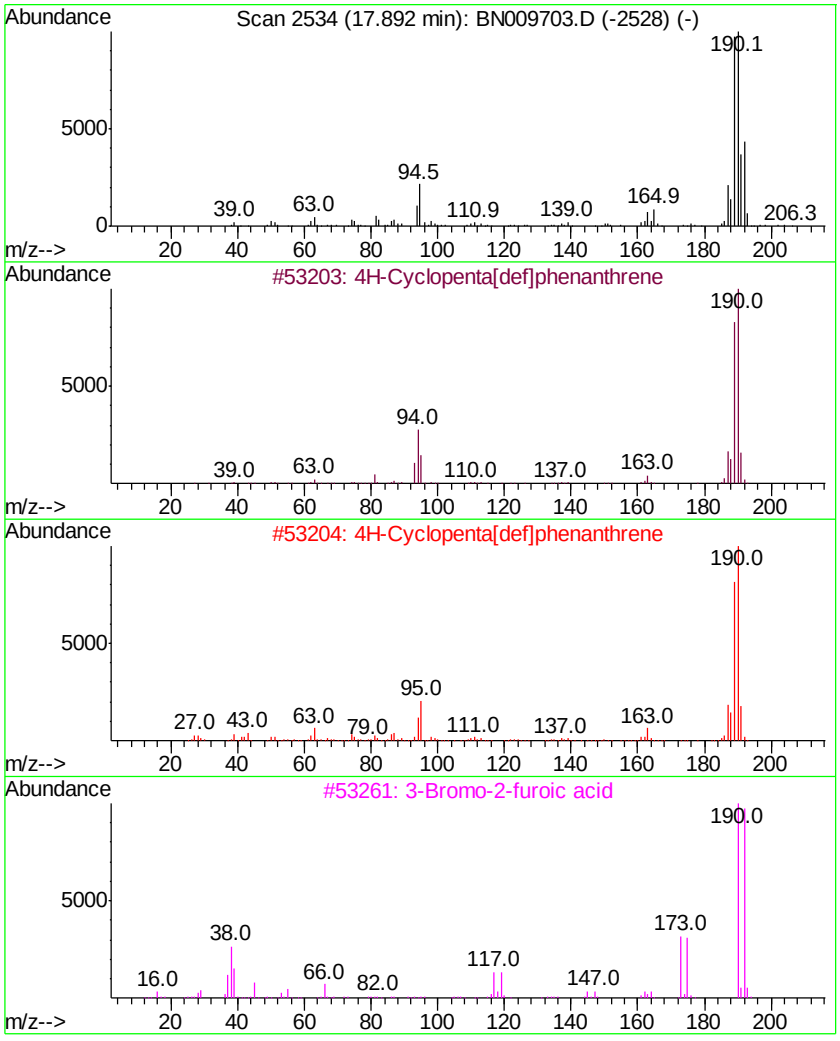
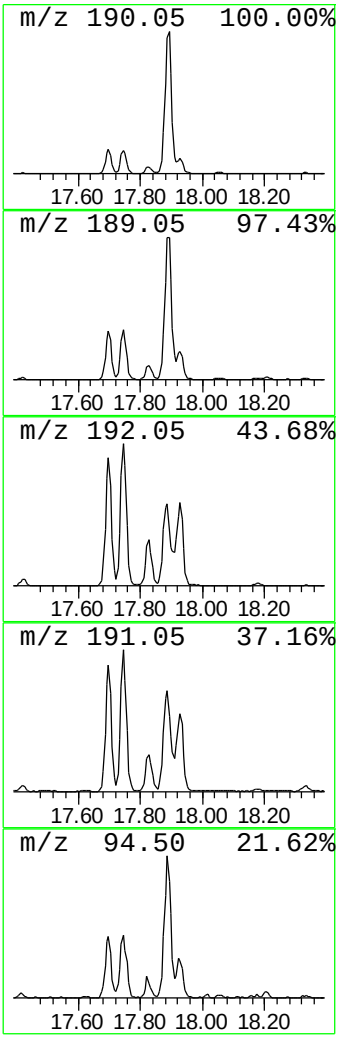
Peak Number 17 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	10.59 ng/ul	1166810	Phenanthrene-d10	16.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3	3-Bromo-2-furoic acid	190	C5H3BrO3	014903-90-3	27
4	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	25
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	25





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Sample : L1324-15MEDL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
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Quant Title : SVOA CALIBRATION

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

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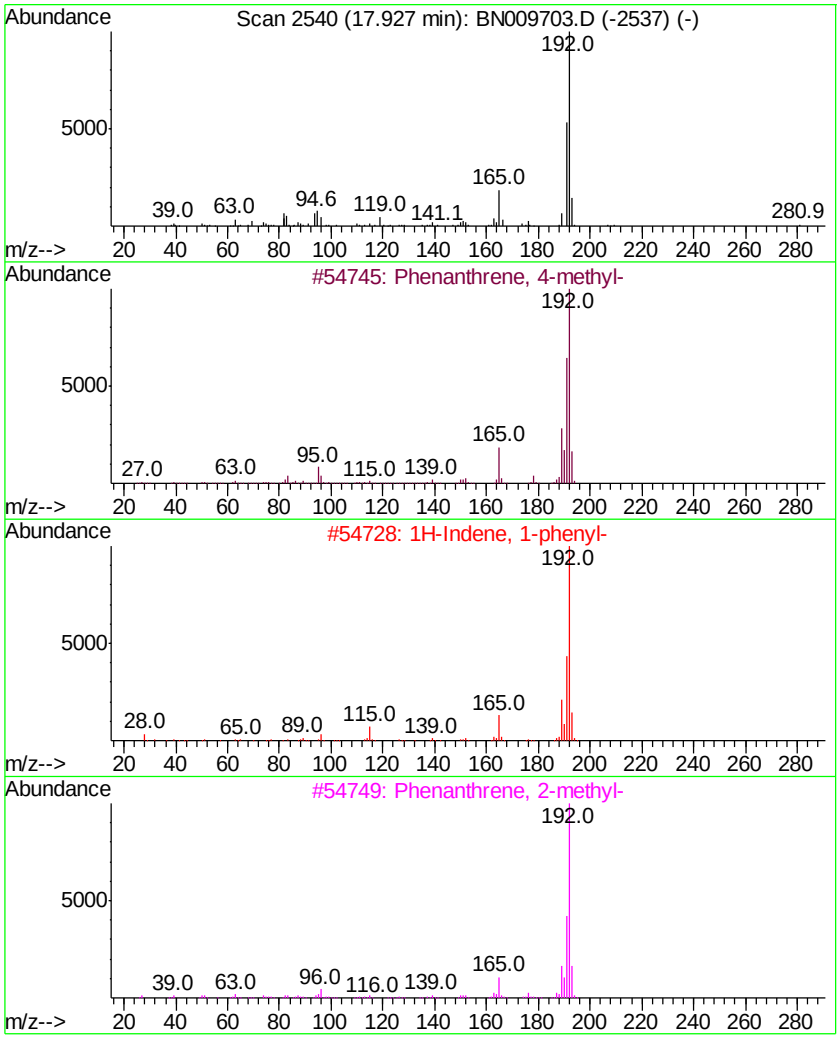
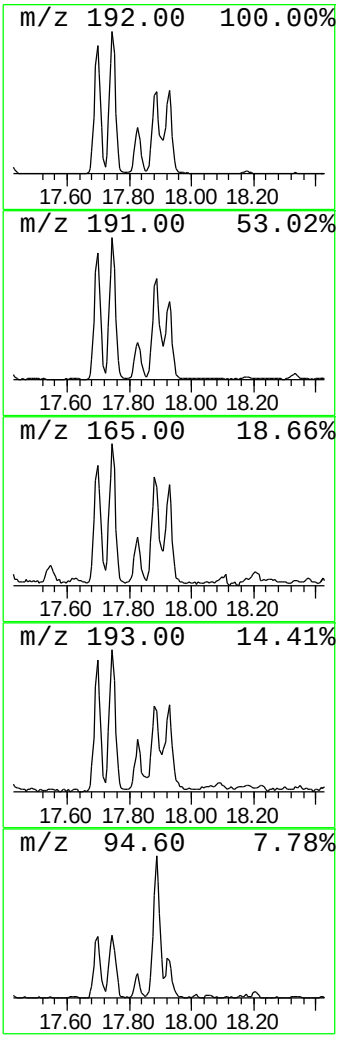
Peak Number 18 Phenanthrene, 4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	4.40 ng/ul	485345	Phenanthrene-d10	16.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
2	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	81
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	81
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	80
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	74





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Acq On : 11 Feb 2020 12:51
Operator : CG/JU
Sample : L1324-15MEDL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT70MEDL

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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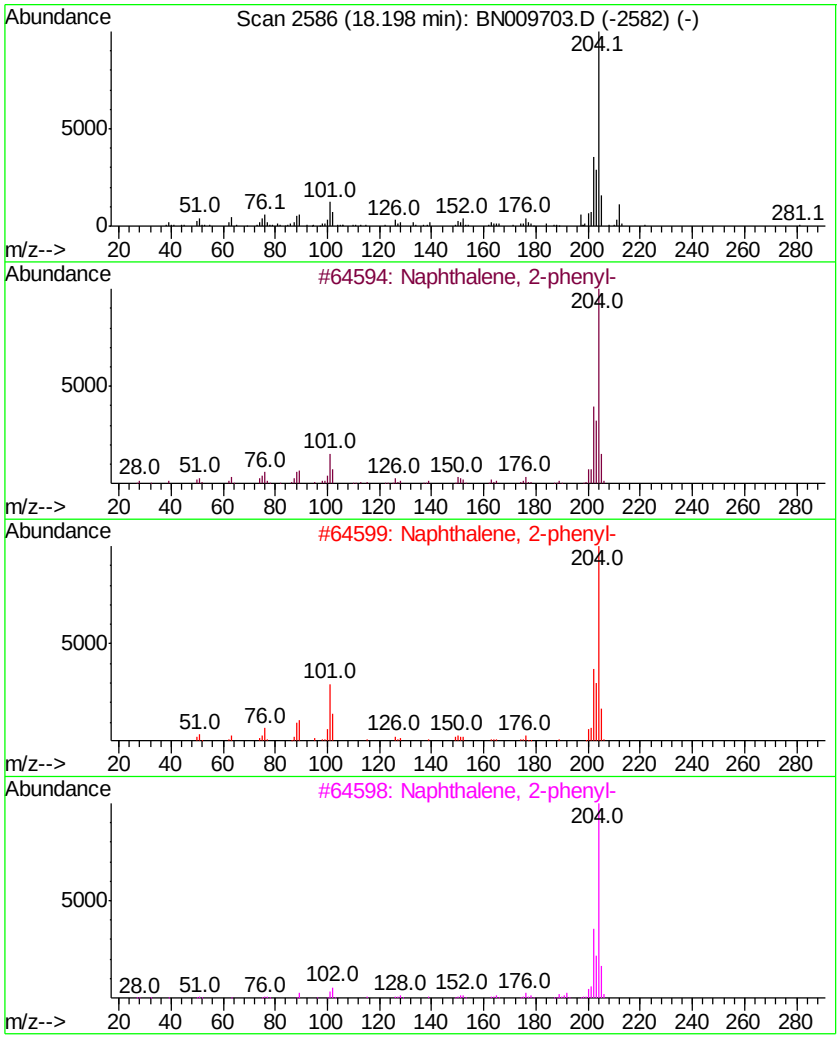
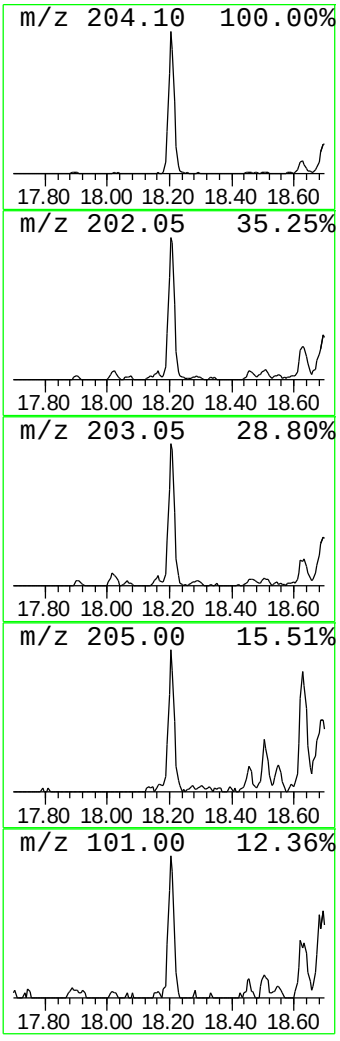
Peak Number 19 Naphthalene, 2-phenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.20	3.00 ng/ul	331055	Phenanthrene-d10	16.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70





Library Search Compound Report

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Data File : BN009703.D
Acq On : 11 Feb 2020 12:51
Operator : CG/JU
Sample : L1324-15MEDL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT70MEDL

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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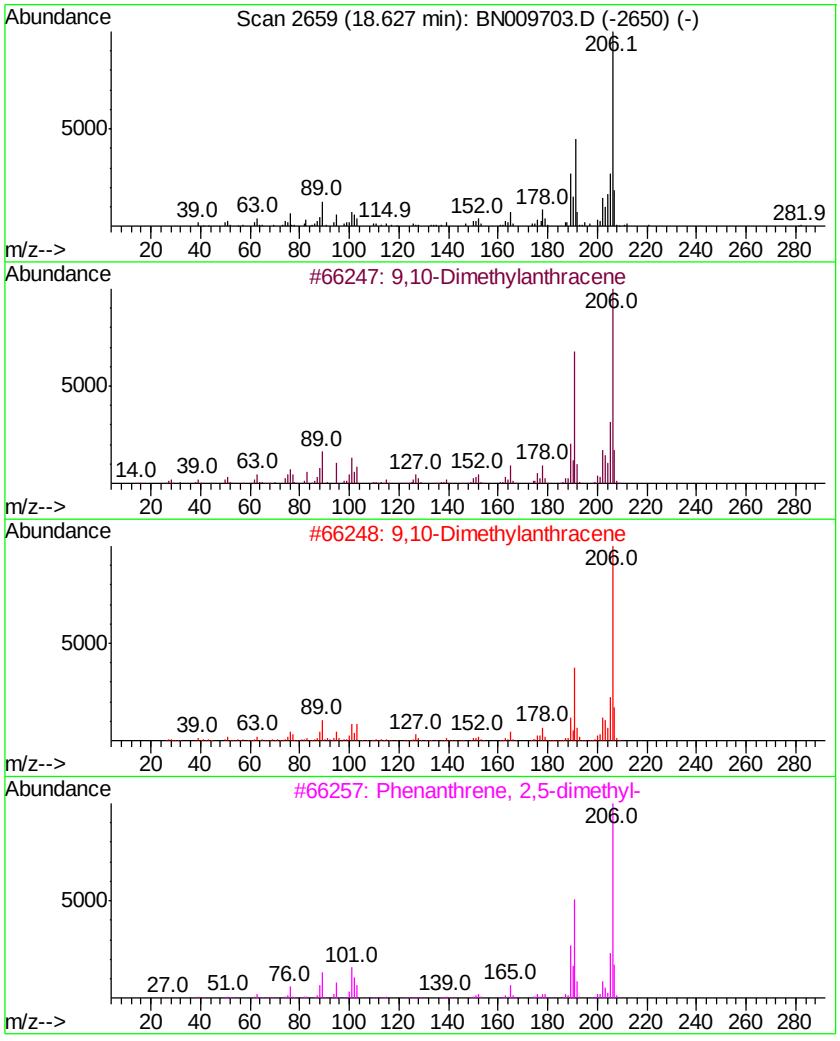
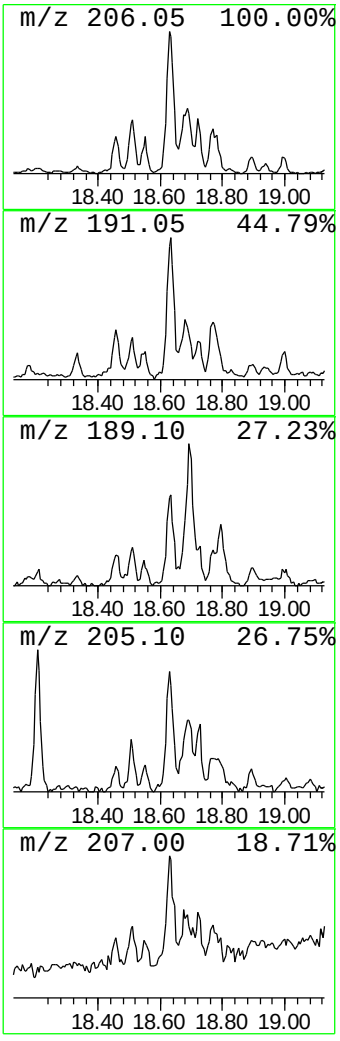
Peak Number 20 9,10-Dimethylanthracene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.63	3.41 ng/ul	375508	Phenanthrene-d10	16.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90





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Acq On : 11 Feb 2020 12:51
Operator : CG/JU
Sample : L1324-15MEDL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT70MEDL

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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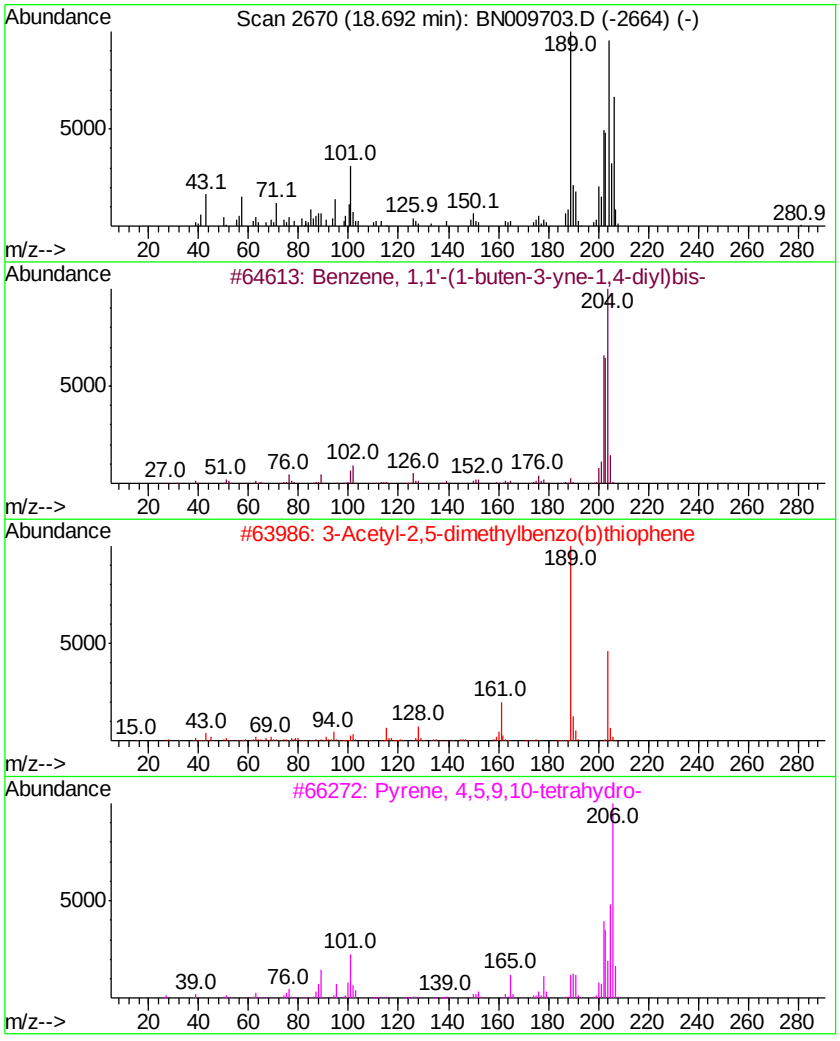
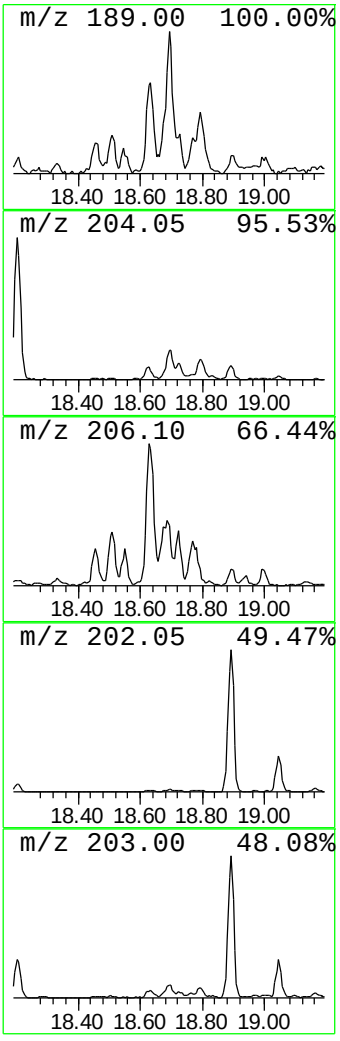
Peak Number 21 unknown-01 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.69	2.11 ng/ul	231992	Phenanthrene-d10	16.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	42
2	3-Acetyl-2,5-dimethylbenzo(b)thi...	204	C12H12OS	006179-04-0	38
3	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	35
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	35
5	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	35





Library Search Compound Report

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Data File : BN009703.D
Acq On : 11 Feb 2020 12:51
Operator : CG/JU
Sample : L1324-15MEDL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT70MEDL

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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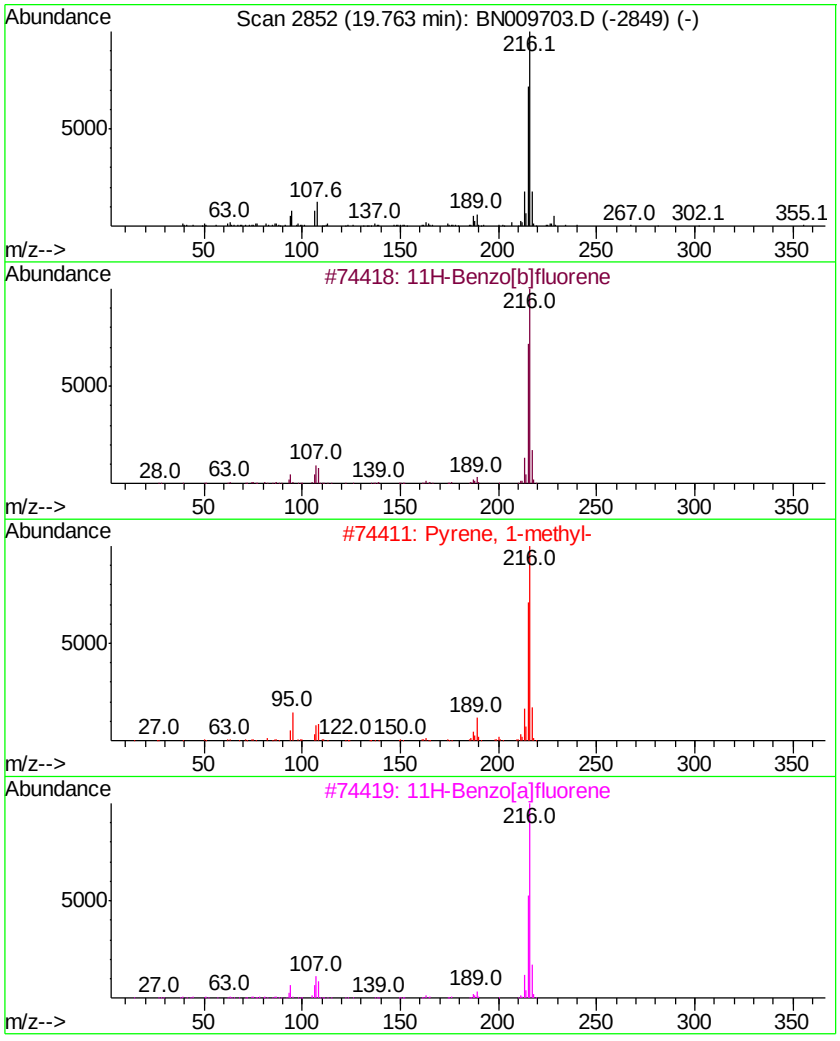
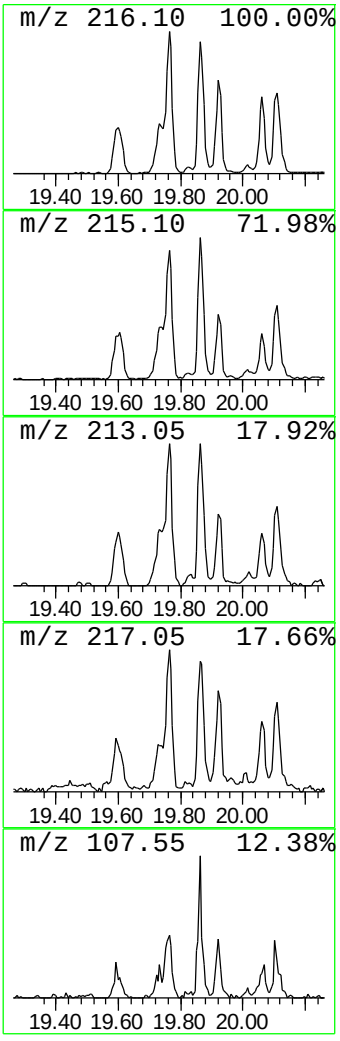
Peak Number 23 11H-Benzo[b]fluorene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.76	2.40 ng/ul	423376	Chrysene-d12	21.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91





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Data File : BN009703.D
Acq On : 11 Feb 2020 12:51
Operator : CG/JU
Sample : L1324-15MEDL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT70MEDL

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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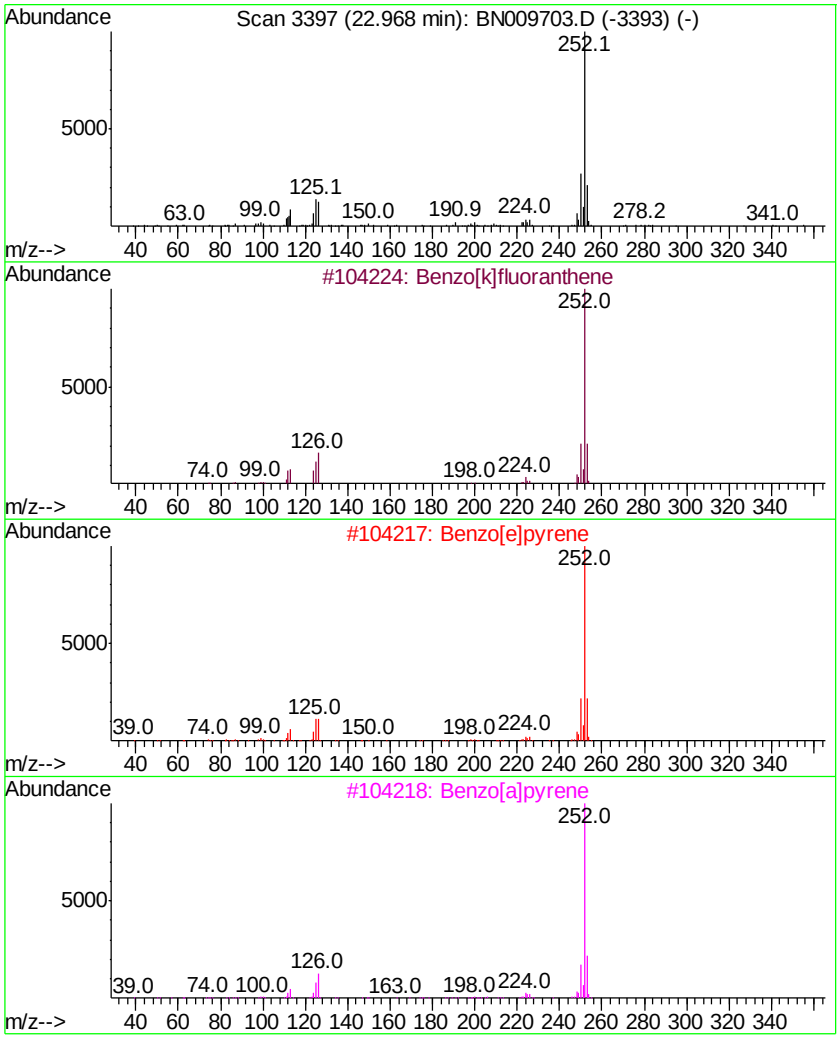
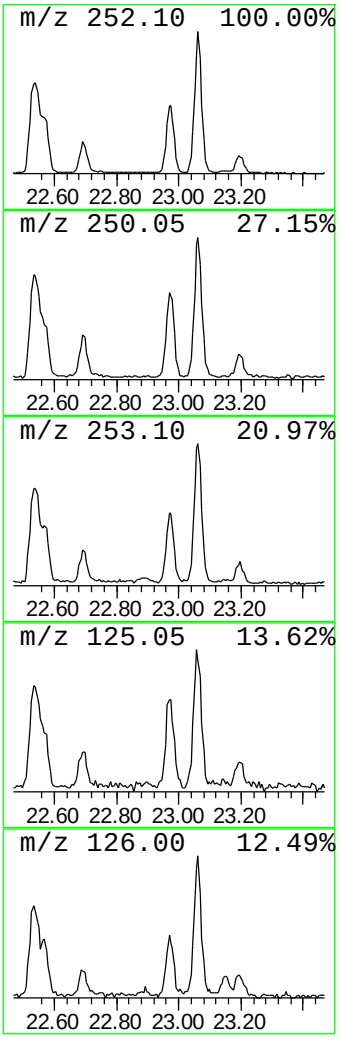
Peak Number 25 Benzo[e]pyrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.97	2.86 ng/ul	319782	Perylene-d12	23.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
2	Benzo[e]pyrene	252	C20H12	000192-97-2	98
3	Benzo[a]pyrene	252	C20H12	000050-32-8	96
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
5	Perylene	252	C20H12	000198-55-0	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN021120\
Data File : BN009703.D
Acq On : 11 Feb 2020 12:51
Operator : CG/JU
Sample : L1324-15MEDL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT70MEDL

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
1,3,5,7-Cycloocta...	5.48	2.7	ng/ul	133115	1	7.42	999613	20.0
Bicyclo[4.2.0]oct...	7.08	6.6	ng/ul	329635	1	7.42	999613	20.0
Benzene, 1-propynyl-	7.95	18.6	ng/ul	930406	1	7.42	999613	20.0
1H-Indene, 1-methyl-	9.62	4.2	ng/ul	319560	2	10.17	1538170	20.0
Benzene,1-methyl-...	9.68	2.5	ng/ul	190055	2	10.17	1538170	20.0
Naphthalene, 1-me...	12.06	26.2	ng/ul	2015140	2	10.17	1538170	20.0
Naphthalene, 1,6-...	13.22	3.5	ng/ul	357348	3	14.06	2061940	20.0
Naphthalene, 1,7-...	13.43	4.0	ng/ul	412730	3	14.06	2061940	20.0
Naphthalene, 1,3-...	13.62	3.1	ng/ul	324221	3	14.06	2061940	20.0
1H-Phenalene	14.95	2.0	ng/ul	209442	3	14.06	2061940	20.0
9H-Fluorene, 1-me...	16.13	2.9	ng/ul	314413	4	16.82	2204100	20.0
Dibenzothiophene	16.64	3.7	ng/ul	410872	4	16.82	2204100	20.0
Phenanthrene, 1-m...	17.70	6.8	ng/ul	749454	4	16.82	2204100	20.0
Phenanthrene, 2-m...	17.75	7.2	ng/ul	788603	4	16.82	2204100	20.0
Anthracene, 1-met...	17.83	2.3	ng/ul	251188	4	16.82	2204100	20.0
4H-Cyclopenta[def...	17.89	10.6	ng/ul	1166810	4	16.82	2204100	20.0
Phenanthrene, 4-m...	17.93	4.4	ng/ul	485345	4	16.82	2204100	20.0
Naphthalene, 2-ph...	18.20	3.0	ng/ul	331055	4	16.82	2204100	20.0
9,10-Dimethylanth...	18.63	3.4	ng/ul	375508	4	16.82	2204100	20.0
unknown-01	18.69	2.1	ng/ul	231992	4	16.82	2204100	20.0
11H-Benzo[b]fluorene	19.76	2.4	ng/ul	423376	5	21.04	3527100	20.0
Benzo[e]pyrene	22.97	2.9	ng/ul	319782	6	23.15	2232360	20.0