LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021020\
Data File : BN009690.D
Acq On : 10 Feb 2020 18:00
Operator : CG/JU
Sample : L1324-03DL2 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT60DL2

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	5.140	361	366	373	rVV5	14968	33632	1.13%	0.097%
2	5.493	420	426	432	rVB3	15167	27176	0.92%	0.078%
3	7.087	691	697	703	rBV4	42047	72885	2.46%	0.209%
4	7.428	748	755	765	rBV	553803	865102	29.19%	2.486%
5	7.958	839	845	852	rBV	77484	129052	4.35%	0.371%
6	9.622	1119	1128	1134	rBV5	32052	78466	2.65%	0.226%
7	9.693	1134	1140	1144	rBV4	26730	51267	1.73%	0.147%
8	10.175	1216	1222	1226	rBV	768496	1273641	42.97%	3.660%
9	10.228	1226	1231	1241	rVB	1834922	2963856	100.00%	8.518%
10	10.346	1247	1251	1260	rVB2	17541	32810	1.11%	0.094%
11	11.846	1498	1506	1517	rBV	773711	1281436	43.24%	3.683%
12	12.075	1535	1545	1553	rBV	483261	792219	26.73%	2.277%
13	12.893	1678	1684	1692	rBV	153675	235725	7.95%	0.677%
14	13.087	1711	1717	1721	rVV3	28872	53922	1.82%	0.155%
15	13.222	1735	1740	1742	rBV2	111384	177798	6.00%	0.511%
16	13.387	1761	1768	1773	rBV	220625	379383	12.80%	1.090%
17	13.440	1773	1777	1783	rVB	120398	166639	5.62%	0.479%
18	13.516	1783	1790	1803	rVB3	78739	173864	5.87%	0.500%
19	13.622	1803	1808	1812	rBV	101790	156565	5.28%	0.450%
20	13.781	1825	1835	1846	rBV	392979	647952	21.86%	1.862%
21	14.063	1877	1883	1890	rVV	1141841	1753850	59.17%	5.040%
22	14.128	1890	1894	1898	rVV	64073	94177	3.18%	0.271%
23	14.163	1898	1900	1906	rVV	33885	43063	1.45%	0.124%
24	14.293	1915	1922	1929	rBV4	11209	27219	0.92%	0.078%
25	14.481	1944	1954	1961	rBV2	81028	153993	5.20%	0.443%
26	14.557	1961	1967	1971	rVV	48034	61891	2.09%	0.178%
27	14.692	1982	1990	1995	rBV5	50456	110445	3.73%	0.317%
28	14.751	1996	2000	2005	rVB	32648	41242	1.39%	0.119%
29	14.851	2012	2017	2018	rBV2	19991	26727	0.90%	0.077%
30	14.951	2029	2034	2040	rVB3	53030	82333	2.78%	0.237%
31	15.028	2040	2047	2050	rBV5	18054	37512	1.27%	0.108%
32	15.069	2050	2054	2059	rVB2	101646	133122	4.49%	0.383%
33	15.128	2059	2064	2070	rBV	324638	489929	16.53%	1.408%
34	15.245	2077	2084	2088	rBV6	28848	62214	2.10%	0.179%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021020\
Data File : BN009690.D
Acq On : 10 Feb 2020 18:00
Operator : CG/JU
Sample : L1324-03DL2 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT60DL2

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	15.334	2095	2099	2103	rBV4	22377	38873	1.31%	0.112%
36	15.428	2110	2115	2118	rBV	46174	68466	2.31%	0.197%
37	15.457	2118	2120	2128	rVB4	21120	37379	1.26%	0.107%
38	15.540	2128	2134	2138	rBV	78696	119638	4.04%	0.344%
39	15.581	2138	2141	2148	rVB3	29058	56341	1.90%	0.162%
40	15.822	2175	2182	2185	rBV4	22771	34399	1.16%	0.099%
41	16.139	2225	2236	2240	rVV2	62696	138870	4.69%	0.399%
42	16.181	2240	2243	2250	rVB	44592	65050	2.19%	0.187%
43	16.281	2255	2260	2266	rBV2	42791	63642	2.15%	0.183%
44	16.410	2277	2282	2285	rVV5	22416	33008	1.11%	0.095%
45	16.492	2291	2296	2303	rVB3	31003	48322	1.63%	0.139%
46	16.639	2313	2321	2331	rVB	163811	250105	8.44%	0.719%
47	16.822	2346	2352	2355	rBV	1348203	1889799	63.76%	5.431%
48	16.863	2355	2359	2365	rVV	2094389	2846041	96.02%	8.179%
49	16.922	2365	2369	2371	rVV	63389	94115	3.18%	0.270%
50	16.957	2371	2375	2382	rVV	409852	579567	19.55%	1.666%
51	17.022	2382	2386	2392	rVV5	26996	50198	1.69%	0.144%
52	17.345	2436	2441	2446	rVV2	51122	75953	2.56%	0.218%
53	17.404	2446	2451	2459	rVV2	75776	118548	4.00%	0.341%
54	17.545	2471	2475	2484	rVB2	48698	90917	3.07%	0.261%
55	17.698	2496	2501	2505	rBV	314513	432099	14.58%	1.242%
56	17.745	2505	2509	2515	rVB	354054	463700	15.65%	1.333%
57	17.828	2517	2523	2528	rBV	116043	165372	5.58%	0.475%
58	17.886	2528	2533	2538	rVV2	414244	713475	24.07%	2.050%
59	17.928	2538	2540	2550	rVB	214140	258730	8.73%	0.744%
60	18.204	2574	2587	2592	rBV	175221	261599	8.83%	0.752%
61	18.457	2627	2630	2634	rVV3	36701	49241	1.66%	0.142%
62	18.510	2634	2639	2642	rVV3	44147	60004	2.02%	0.172%
63	18.545	2642	2645	2650	rVB	29893	42719	1.44%	0.123%
64	18.628	2650	2659	2664	rBV2	132129	234584	7.91%	0.674%
65	18.692	2664	2670	2673	rVV4	95200	183350	6.19%	0.527%
66	18.722	2673	2675	2679	rVV2	60455	72846	2.46%	0.209%
67	18.769	2679	2683	2691	rVV4	55565	142307	4.80%	0.409%
68	18.892	2697	2704	2712	rBV	871823	1205737	40.68%	3.465%
69	18.969	2713	2717	2719	rVV2	25964	30672	1.03%	0.088%
70	18.998	2719	2722	2726	rVV5	24977	34345	1.16%	0.099%
71	19.045	2726	2730	2735	rVB	174400	225313	7.60%	0.648%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021020\
Data File : BN009690.D
Acq On : 10 Feb 2020 18:00
Operator : CG/JU
Sample : L1324-03DL2 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT60DL2

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	19.133	2742	2745	2748	rBV2	30753	47326	1.60%	0.136%
73	19.257	2757	2766	2771	rBV	1174660	1791732	60.45%	5.149%
74	19.345	2777	2781	2787	rVB4	28863	49593	1.67%	0.143%
75	19.439	2794	2797	2805	rVB4	24893	35653	1.20%	0.102%
76	19.504	2805	2808	2815	rVB8	18046	36013	1.22%	0.103%
77	19.592	2818	2823	2835	rVB3	79985	163019	5.50%	0.469%
78	19.728	2841	2846	2848	rBV3	77308	124565	4.20%	0.358%
79	19.763	2848	2852	2858	rVB	203647	291708	9.84%	0.838%
80	19.863	2865	2869	2874	rBV2	180847	214128	7.22%	0.615%
81	19.922	2874	2879	2883	rBV2	138975	179210	6.05%	0.515%
82	20.063	2899	2903	2906	rVV	89113	110088	3.71%	0.316%
83	20.104	2906	2910	2917	rVB	135889	203303	6.86%	0.584%
84	20.363	2952	2954	2957	rVV3	20895	24911	0.84%	0.072%
85	20.392	2957	2959	2963	rVB5	29744	33491	1.13%	0.096%
86	20.480	2971	2974	2977	rBV4	25018	33887	1.14%	0.097%
87	20.657	3000	3004	3005	rBV4	25737	33707	1.14%	0.097%
88	20.680	3005	3008	3011	rVV	74341	87231	2.94%	0.251%
89	20.716	3011	3014	3018	rVV	93888	106102	3.58%	0.305%
90	20.757	3018	3021	3023	rBV	43543	50959	1.72%	0.146%
91	21.033	3061	3068	3072	rBV3	1854165	2853583	96.28%	8.201%
92	21.069	3072	3074	3080	rVB	387263	459083	15.49%	1.319%
93	21.574	3157	3160	3164	rVB3	92014	116189	3.92%	0.334%
94	21.786	3194	3196	3200	rVB3	80062	94733	3.20%	0.272%
95	22.074	3242	3245	3250	rVB2	94796	117642	3.97%	0.338%
96	22.545	3318	3325	3335	rVB2	256112	664295	22.41%	1.909%
97	22.969	3393	3397	3402	rBV	119511	165157	5.57%	0.475%
98	23.057	3407	3412	3420	rVB2	331502	638296	21.54%	1.834%
99	23.145	3421	3427	3433	rBV	1136498	1851487	62.47%	5.321%
100	23.651	3510	3513	3519	rVB2	130333	232331	7.84%	0.668%

Sum of corrected areas: 34795853

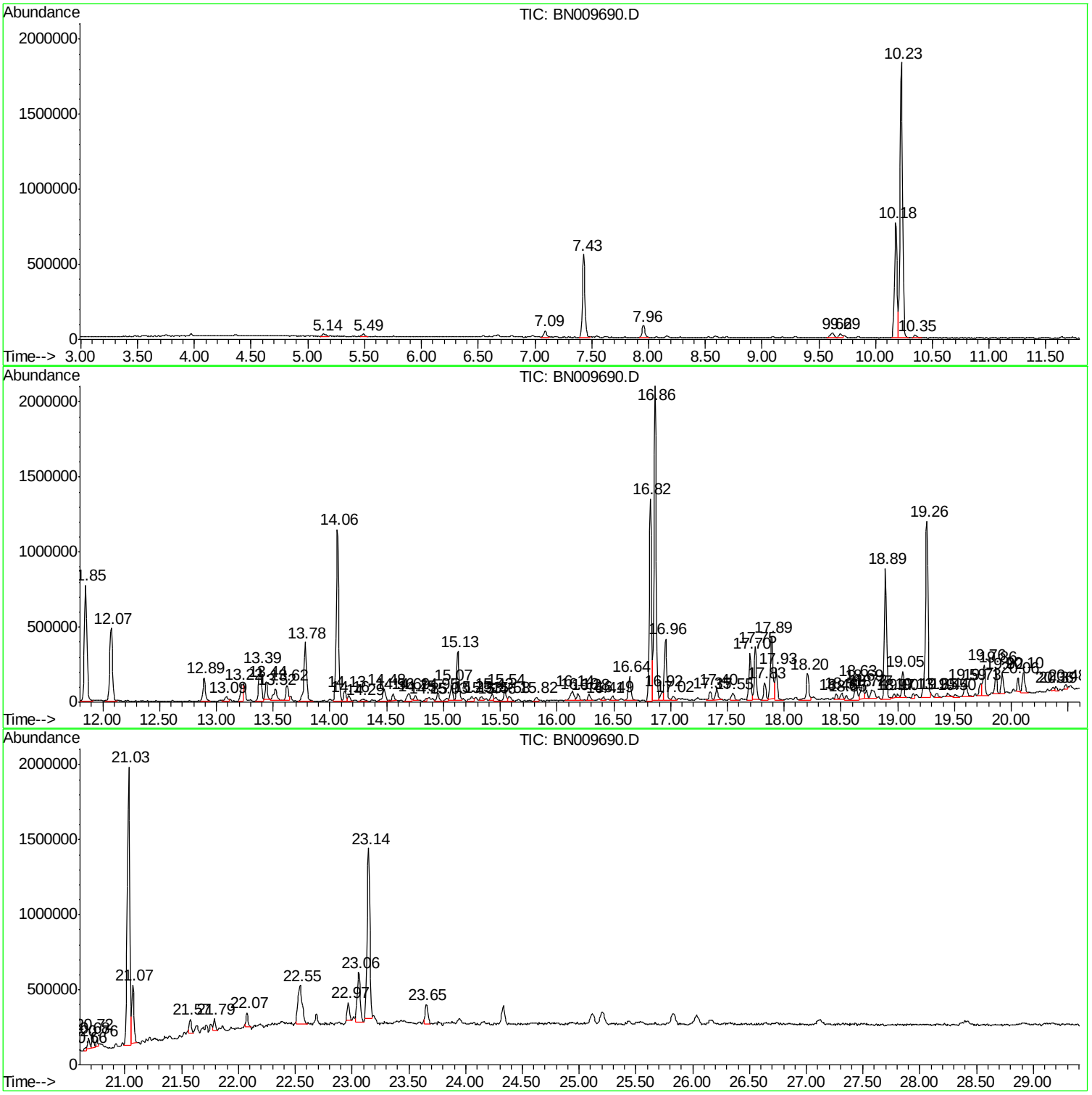
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021020\
Data File : BN009690.D
Acq On : 10 Feb 2020 18:00
Operator : CG/JU
Sample : L1324-03DL2 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT60DL2

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 : BN009690.D
Acq On : 10 Feb 2020 18:00
Operator : CG/JU
Sample : L1324-03DL2 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT60DL2

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

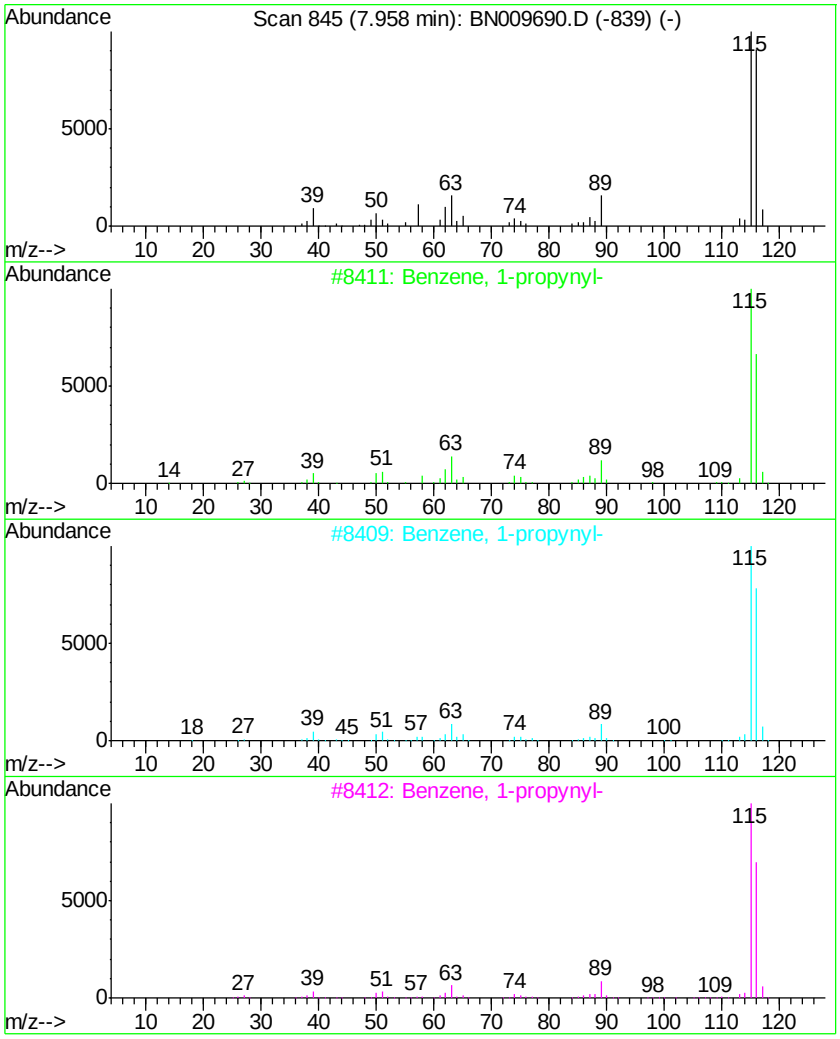
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

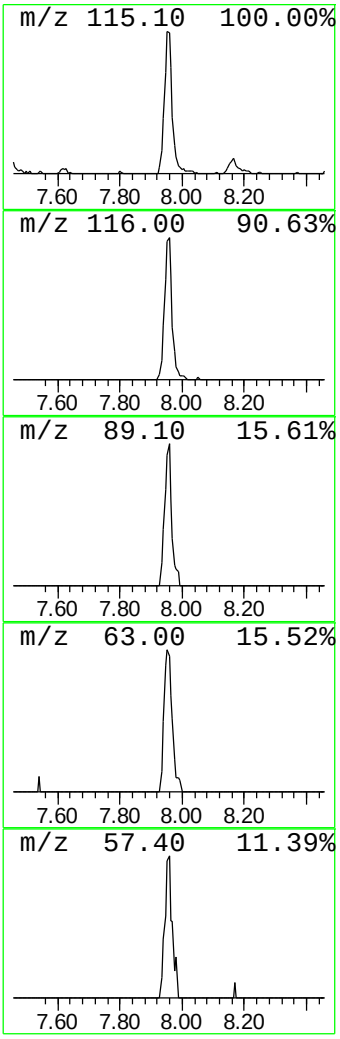
****

Peak Number 1 Benzene, 1-propynyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.96	2.98 ng/ul	129052	1,4-Dichlorobenzene-d4	7.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
4	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
5	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021020\
Data File : BN009690.D
Acq On : 10 Feb 2020 18:00
Operator : CG/JU
Sample : L1324-03DL2 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT60DL2

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

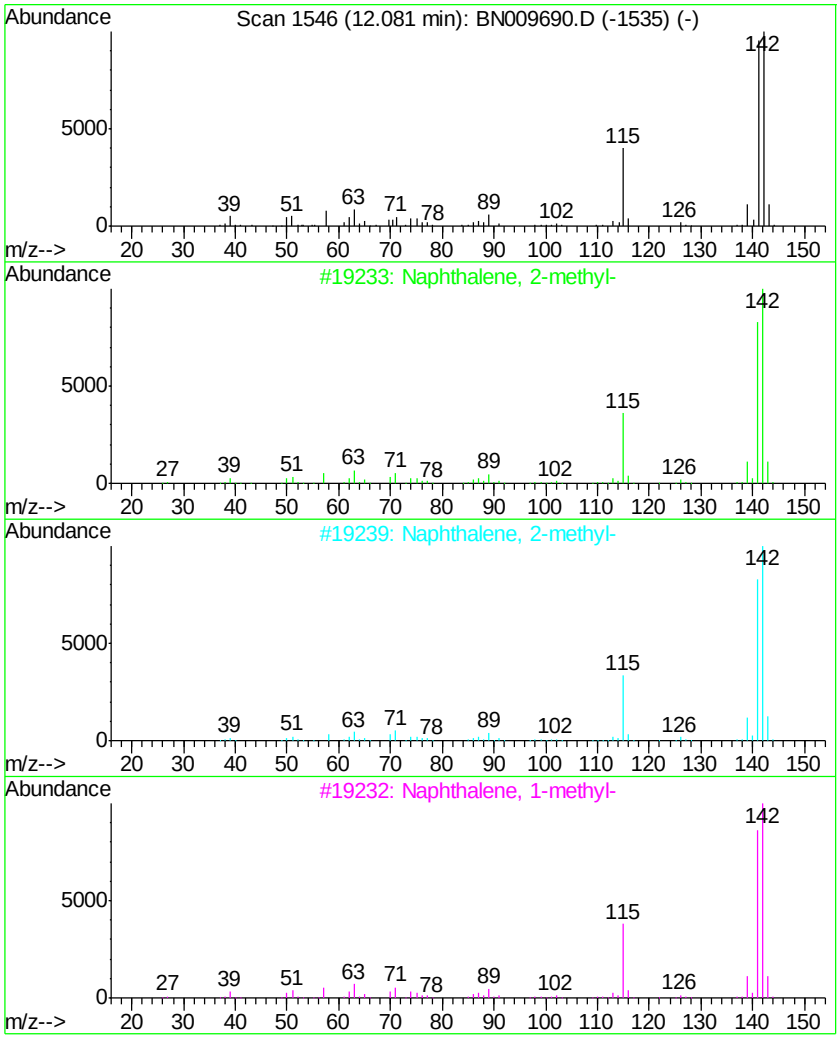
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

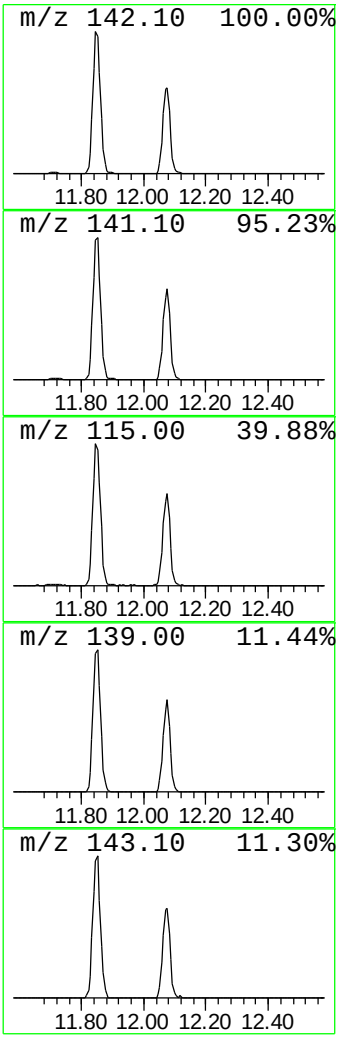
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.08	12.44 ng/ul	792219	Naphthalene-d8	10.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021020\
Data File : BN009690.D
Acq On : 10 Feb 2020 18:00
Operator : CG/JU
Sample : L1324-03DL2 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT60DL2

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

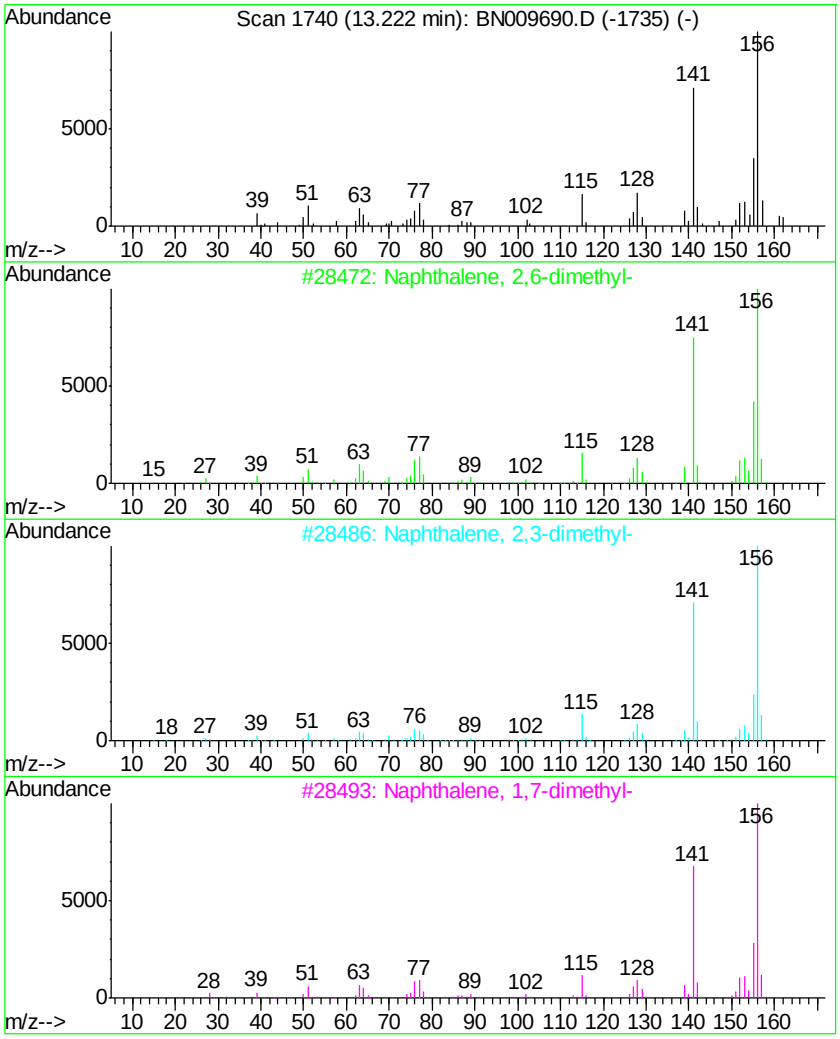
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

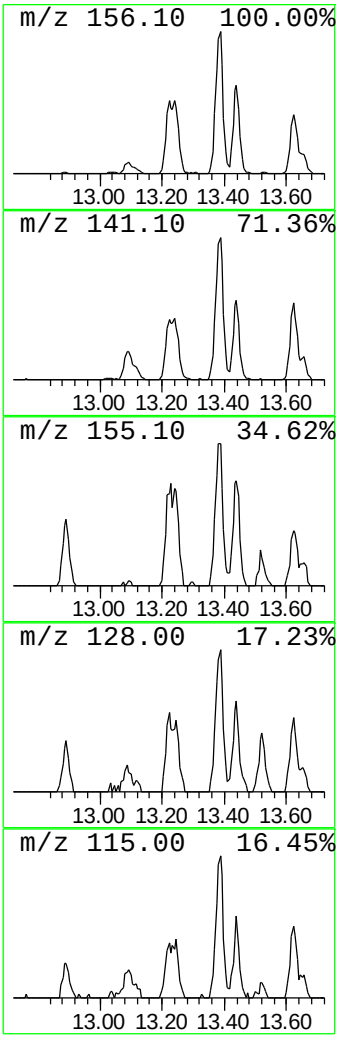
****

Peak Number 3 Naphthalene, 2,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	2.03 ng/ul	177798	Acenaphthene-d10	14.06

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, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021020\
Data File : BN009690.D
Acq On : 10 Feb 2020 18:00
Operator : CG/JU
Sample : L1324-03DL2 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT60DL2

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

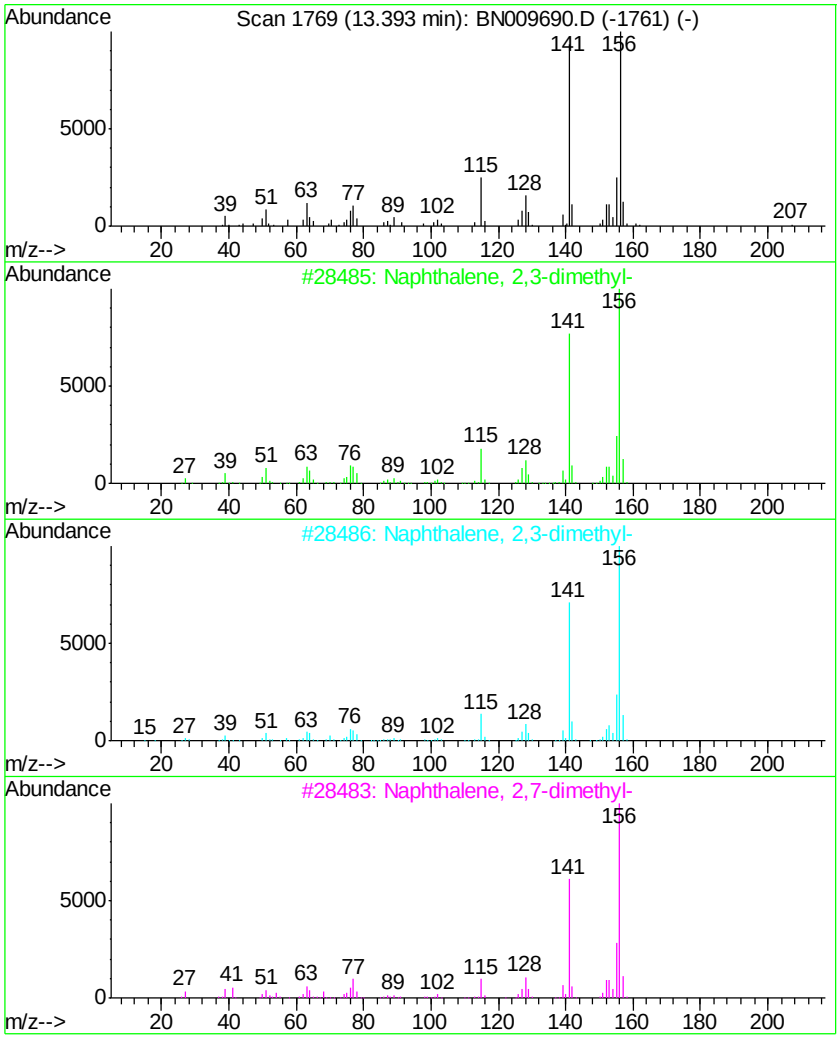
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

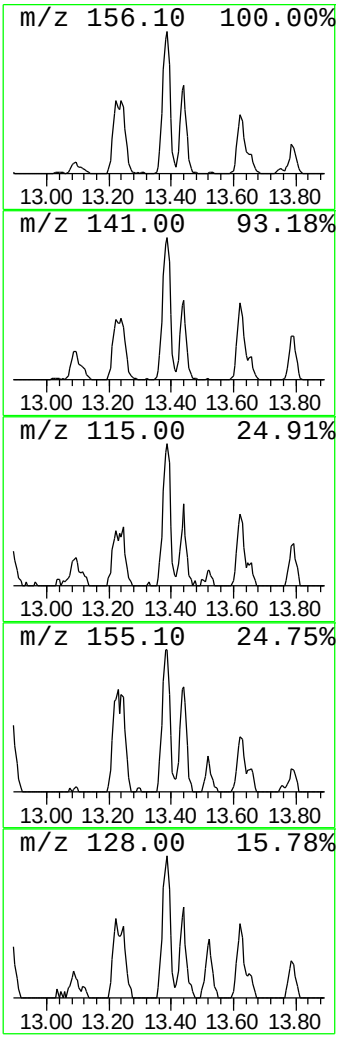
****

Peak Number 4 Naphthalene, 2,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	4.33 ng/ul	379383	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	97
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021020\
Data File : BN009690.D
Acq On : 10 Feb 2020 18:00
Operator : CG/JU
Sample : L1324-03DL2 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT60DL2

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

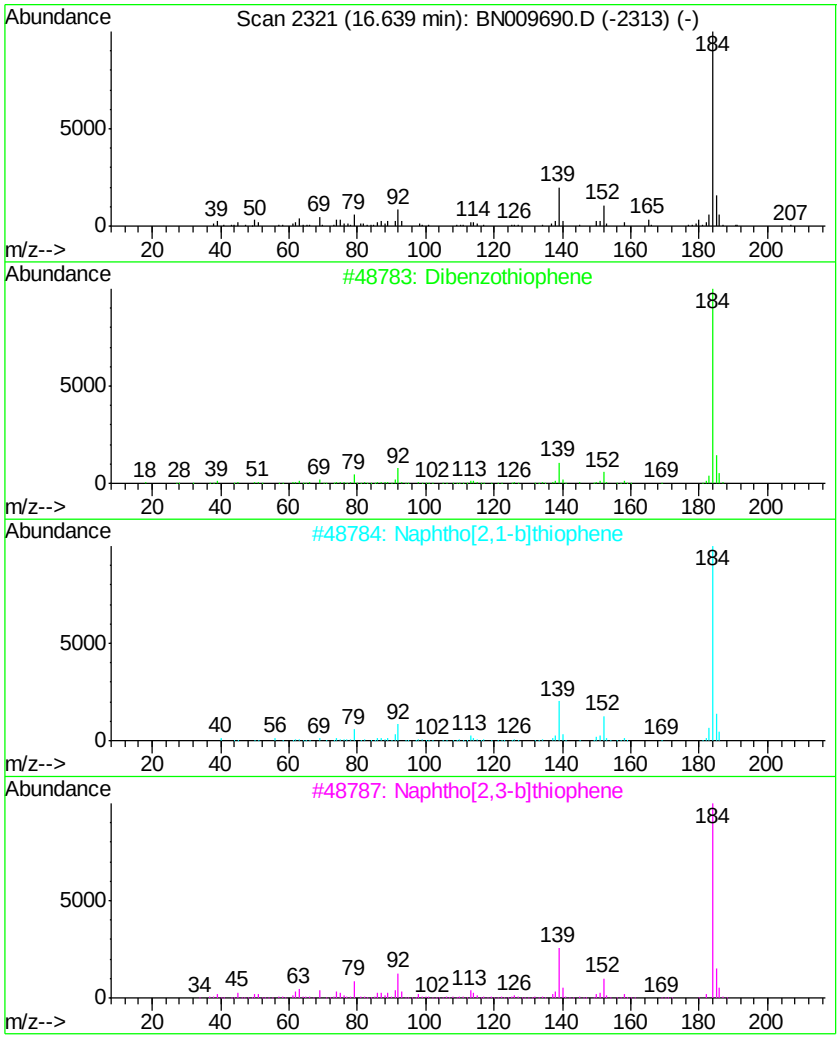
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

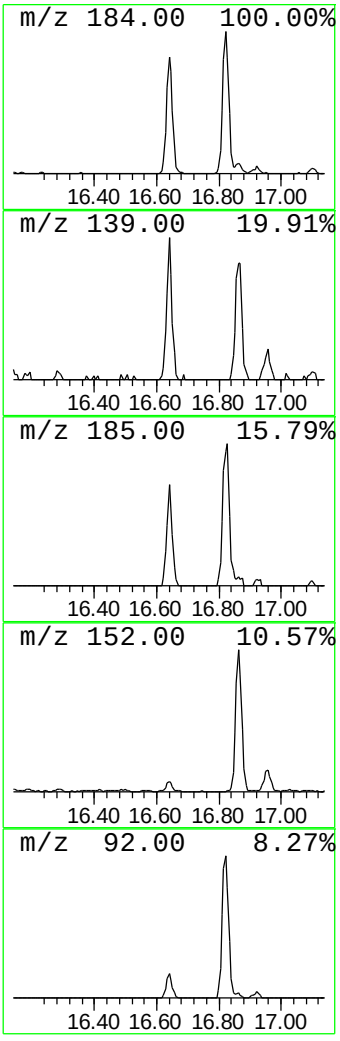
****

Peak Number 5 Dibenzothiophene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.64	2.65 ng/ul	250105	Phenanthrene-d10	16.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	97
4	Dibenzothiophene	184	C12H8S	000132-65-0	94
5	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93





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Data File : BN009690.D
Acq On : 10 Feb 2020 18:00
Operator : CG/JU
Sample : L1324-03DL2 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT60DL2

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

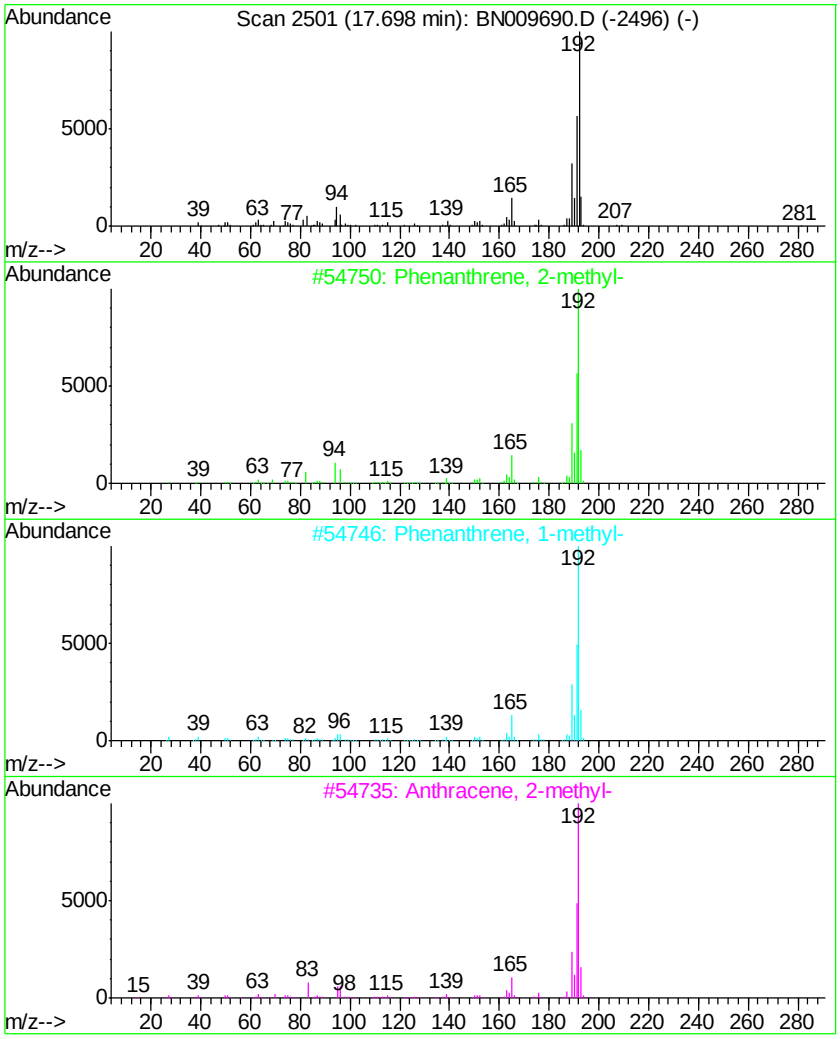
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

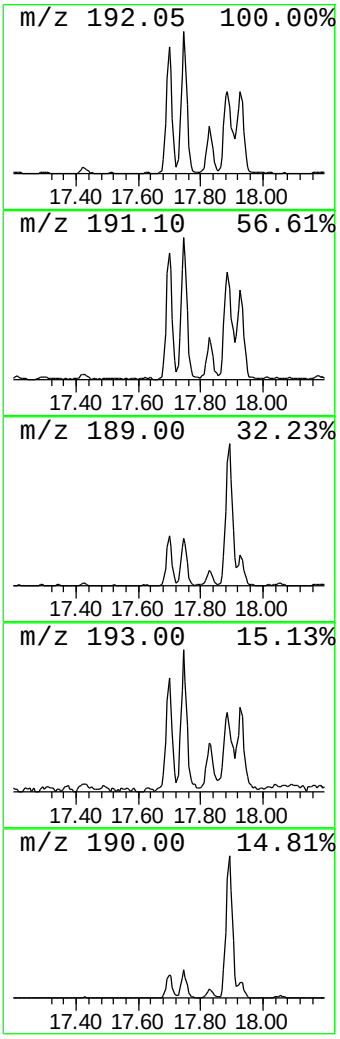
****

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.70	4.57 ng/ul	432099	Phenanthrene-d10	16.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91





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Acq On : 10 Feb 2020 18:00
Operator : CG/JU
Sample : L1324-03DL2 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT60DL2

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 7 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.75	4.91 ng/ul	463700	Phenanthrene-d10	16.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
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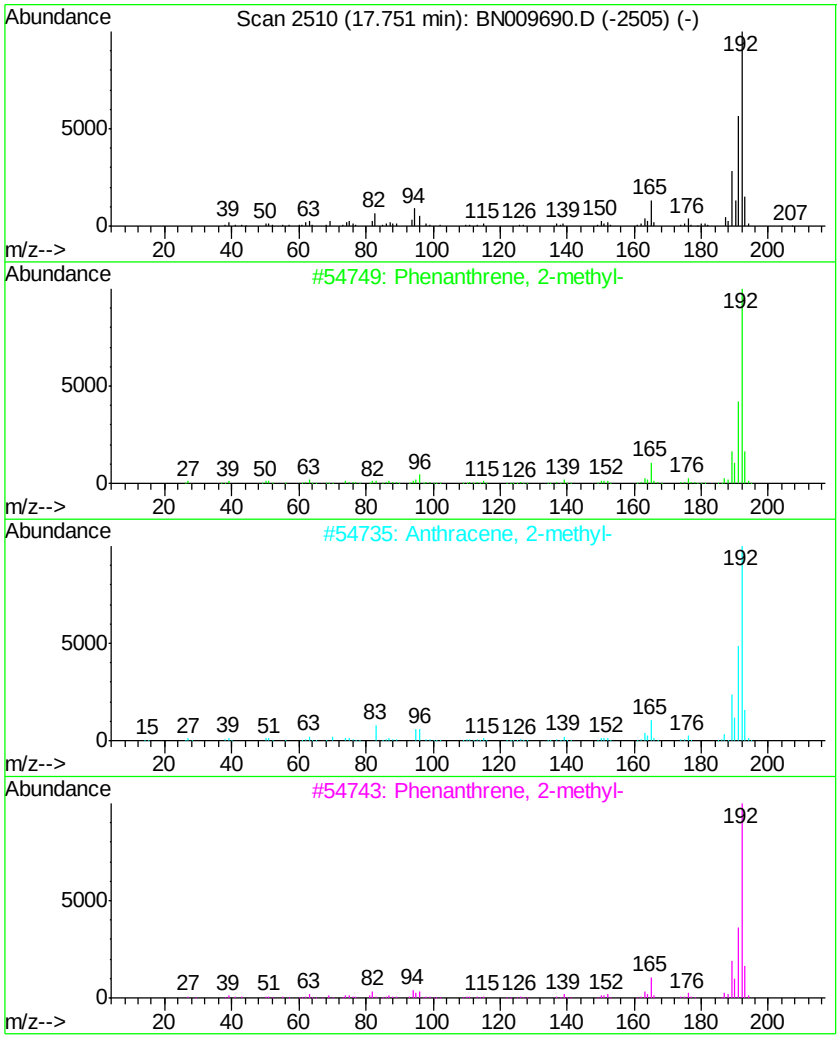

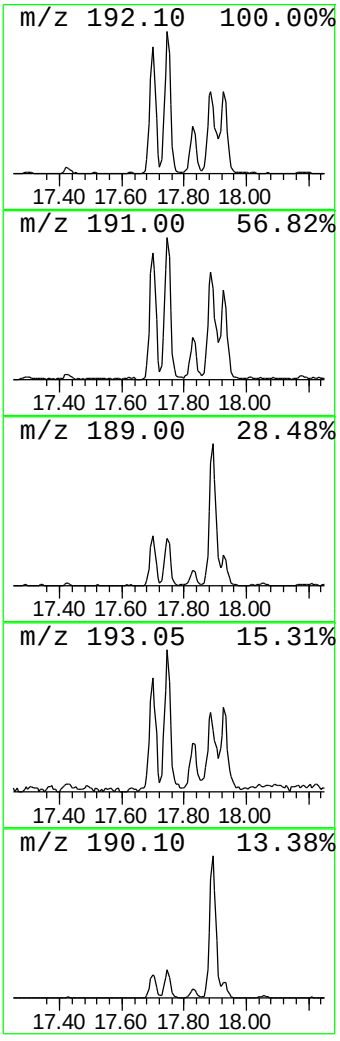

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Data File : BN009690.D
Acq On : 10 Feb 2020 18:00
Operator : CG/JU
Sample : L1324-03DL2 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT60DL2

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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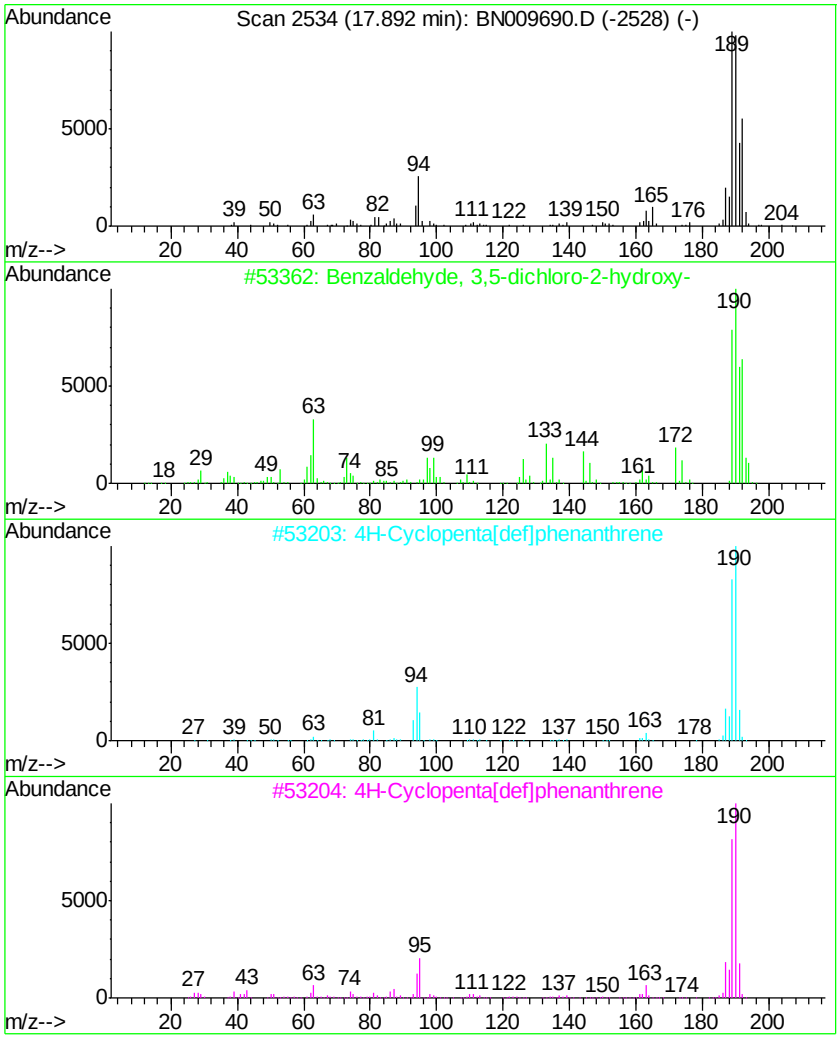
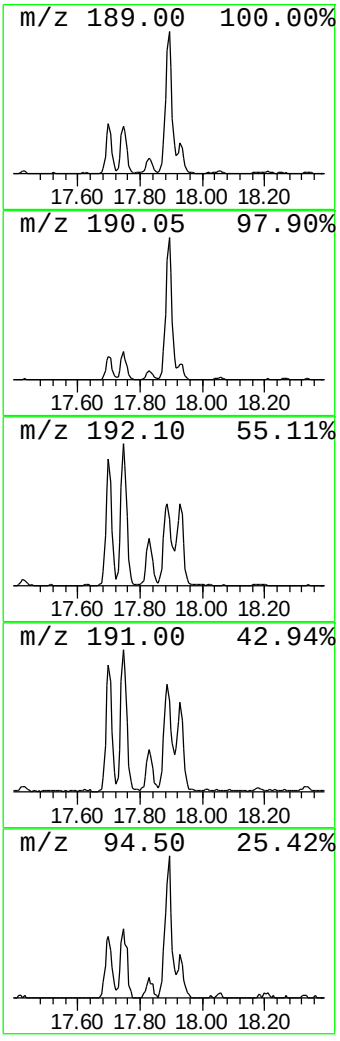
Peak Number 8 Benzaldehyde, 3,5-dichloro-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	7.55 ng/ul	713475	Phenanthrene-d10	16.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
5	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	42





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Data File : BN009690.D
Acq On : 10 Feb 2020 18:00
Operator : CG/JU
Sample : L1324-03DL2 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT60DL2

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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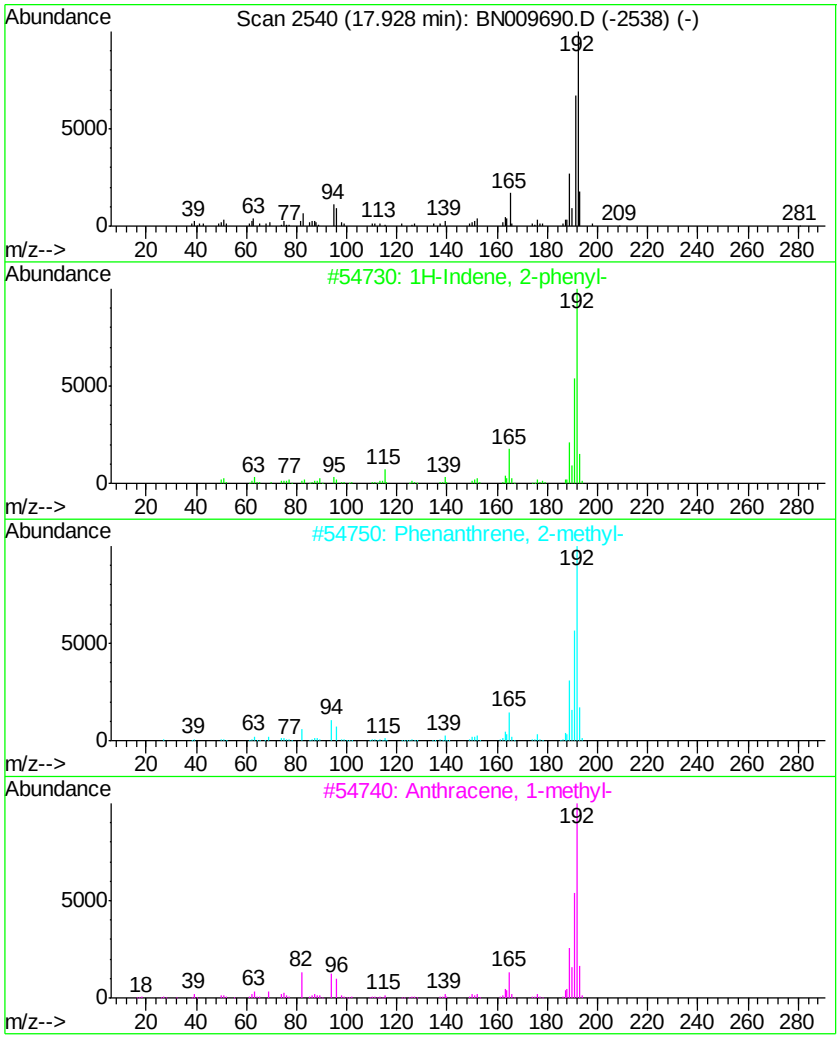
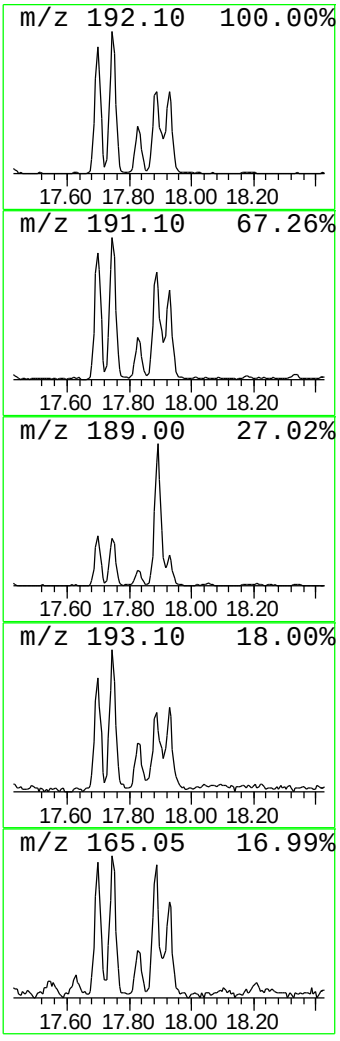
Peak Number 9 1H-Indene, 2-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	2.74 ng/ul	258730	Phenanthrene-d10	16.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90





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Acq On : 10 Feb 2020 18:00
Operator : CG/JU
Sample : L1324-03DL2 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT60DL2

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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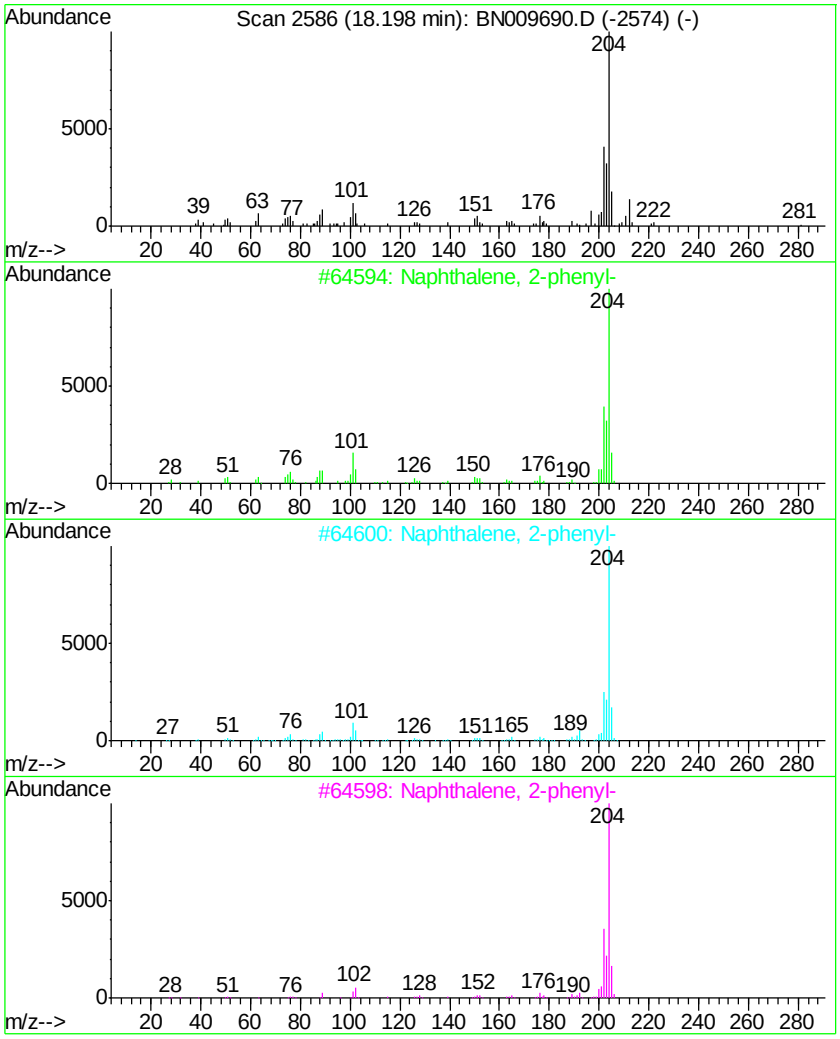
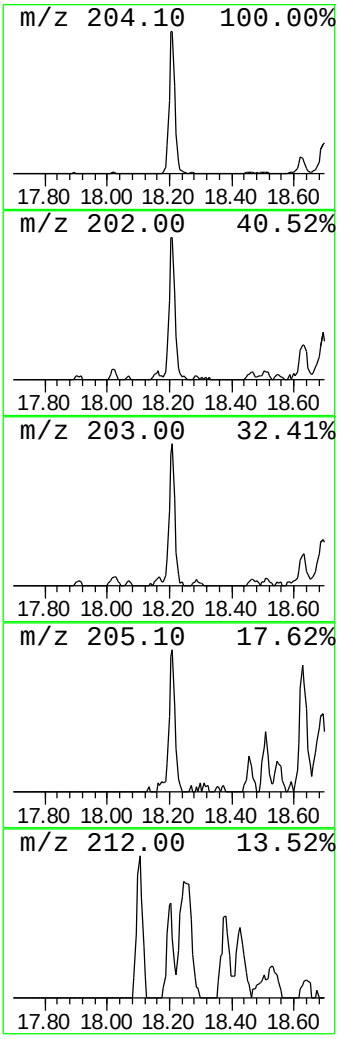
Peak Number 10 Naphthalene, 2-phenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.20	2.77 ng/ul	261599	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	90
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70





Library Search Compound Report

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Data File : BN009690.D
Acq On : 10 Feb 2020 18:00
Operator : CG/JU
Sample : L1324-03DL2 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT60DL2

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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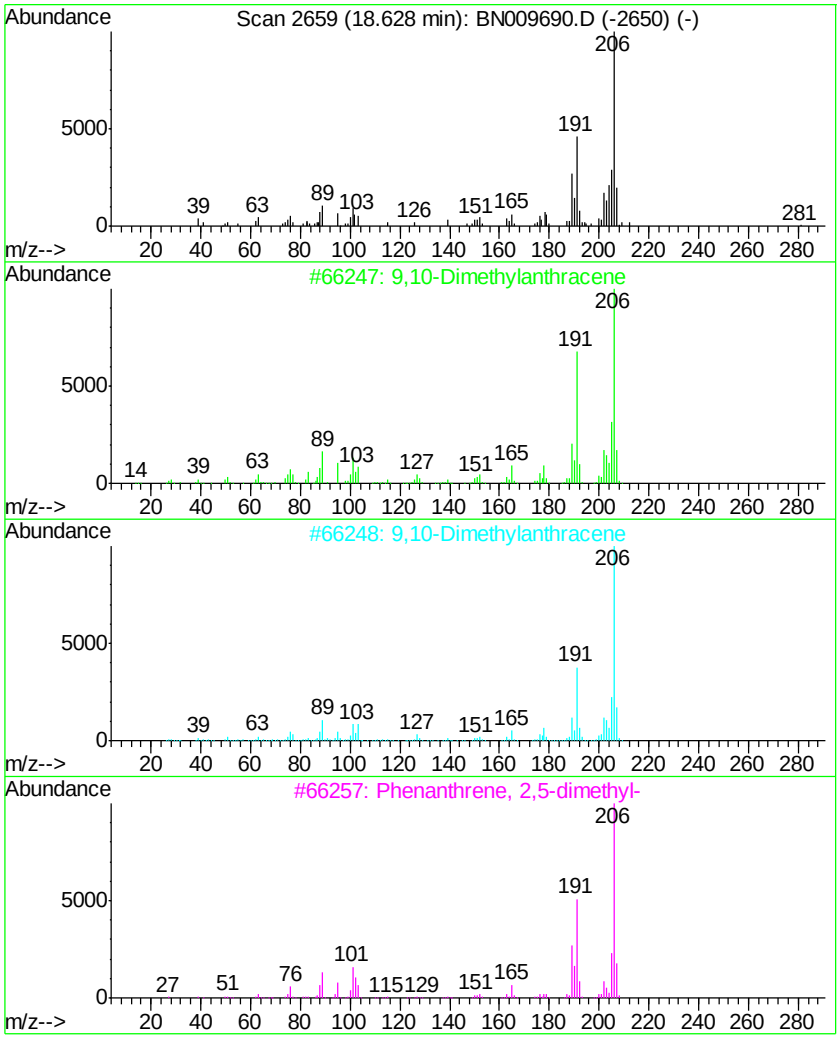
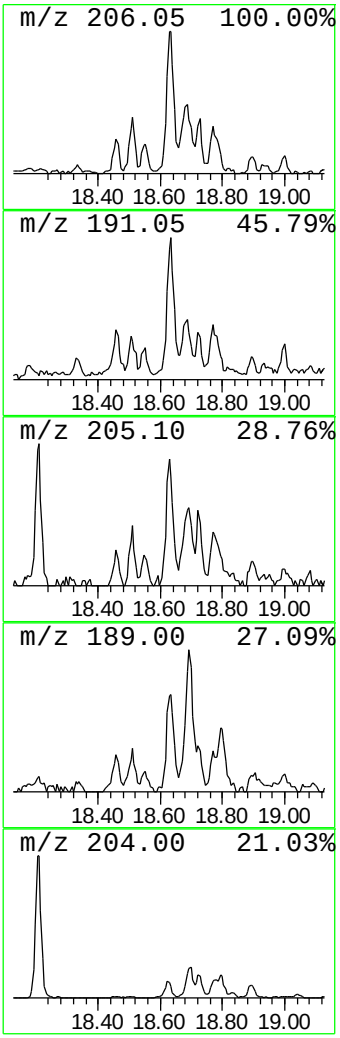
Peak Number 11 9,10-Dimethylanthracene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.63	2.48 ng/ul	234584	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	91
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	87





Library Search Compound Report

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Data File : BN009690.D
Acq On : 10 Feb 2020 18:00
Operator : CG/JU
Sample : L1324-03DL2 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT60DL2

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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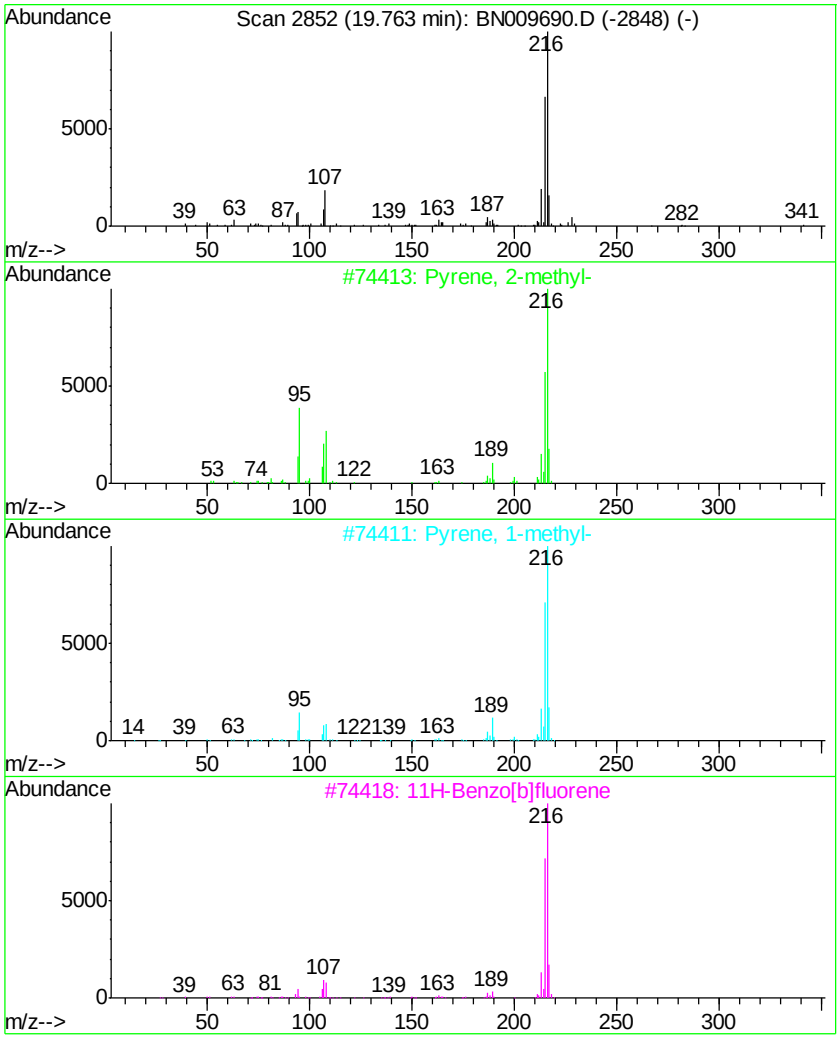
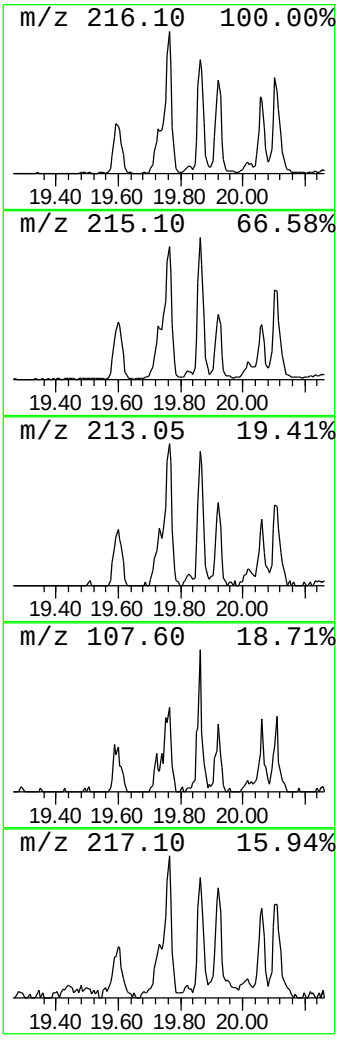
Peak Number 12 Pyrene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.76	2.04 ng/ul	291708	Chrysene-d12	21.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	80
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	80
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	80





Library Search Compound Report

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Operator : CG/JU
Sample : L1324-03DL2 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT60DL2

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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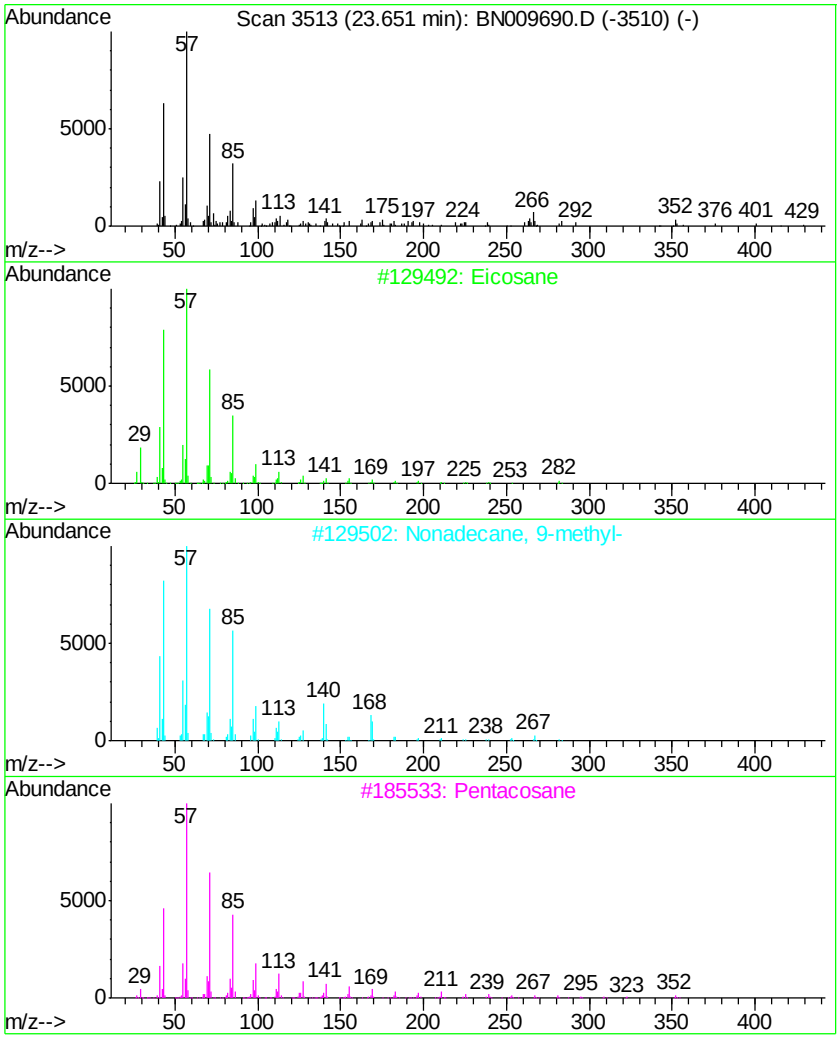
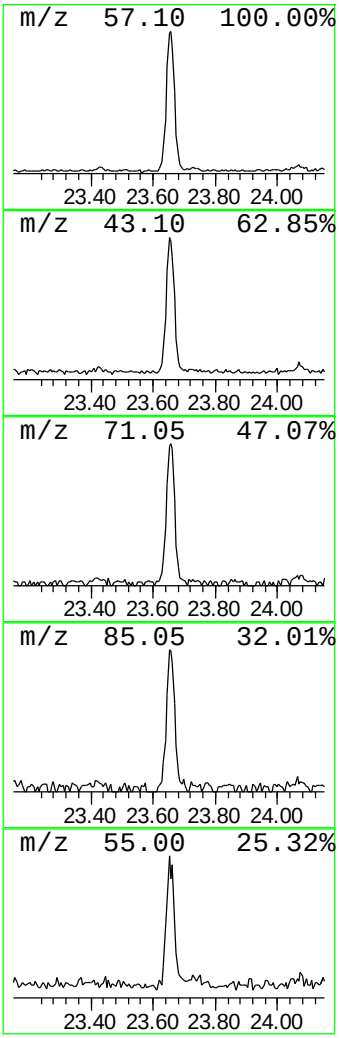
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.65	2.51 ng/ul	232331	Perylene-d12	23.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	89
2	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	64
3	Pentacosane	352	C25H52	000629-99-2	64
4	Nonadecane	268	C19H40	000629-92-5	58
5	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	52





Tentatively Identified Compound (LSC) summary

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Operator : CG/JU
Sample : L1324-03DL2 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT60DL2

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-propynyl-	7.96	3.0	ng/ul	129052	1	7.43	865102	20.0
Naphthalene, 1-me...	12.08	12.4	ng/ul	792219	2	10.18	1273640	20.0
Naphthalene, 2,6-...	13.22	2.0	ng/ul	177798	3	14.06	1753850	20.0
Naphthalene, 2,3-...	13.39	4.3	ng/ul	379383	3	14.06	1753850	20.0
Dibenzothiophene	16.64	2.6	ng/ul	250105	4	16.82	1889800	20.0
Phenanthrene, 2-m...	17.70	4.6	ng/ul	432099	4	16.82	1889800	20.0
Phenanthrene, 1-m...	17.75	4.9	ng/ul	463700	4	16.82	1889800	20.0
Benzaldehyde, 3,5...	17.89	7.5	ng/ul	713475	4	16.82	1889800	20.0
1H-Indene, 2-phenyl-	17.93	2.7	ng/ul	258730	4	16.82	1889800	20.0
Naphthalene, 2-ph...	18.20	2.8	ng/ul	261599	4	16.82	1889800	20.0
9,10-Dimethylanth...	18.63	2.5	ng/ul	234584	4	16.82	1889800	20.0
Pyrene, 2-methyl-	19.76	2.0	ng/ul	291708	5	21.03	2853580	20.0
(DEL) Alkane: Str...	23.65	2.5	ng/ul	232331	6	23.15	1851490	20.0