LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021020\
Data File : BN009691.D
Acq On : 10 Feb 2020 18:36
Operator : CG/JU
Sample : L1324-14ME
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT69ME

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	6.628	613	619	637	rBV	376499	621442	4.48%	0.497%
2	6.787	640	646	654	rBV	269686	425028	3.07%	0.340%
3	6.969	671	677	688	rBV	377294	595542	4.30%	0.476%
4	7.428	748	755	764	rBV	471822	722830	5.21%	0.578%
5	8.140	870	876	887	rBV	439522	725537	5.23%	0.580%
6	8.569	943	949	965	rBV	358490	615415	4.44%	0.492%
7	9.287	1065	1071	1082	rVB	289382	476246	3.44%	0.381%
8	9.816	1156	1161	1174	rVB	416895	736807	5.32%	0.589%
9	10.175	1214	1222	1228	rBV	657953	1076321	7.76%	0.861%
10	10.328	1242	1248	1262	rBV	303472	591312	4.27%	0.473%
11	11.581	1455	1461	1470	rBV2	115767	236374	1.71%	0.189%
12	11.704	1472	1482	1491	rVV	88426	280388	2.02%	0.224%
13	13.492	1780	1786	1789	rBV	710284	1063770	7.67%	0.851%
14	13.751	1825	1830	1832	rBV	891053	1256317	9.06%	1.005%
15	13.781	1832	1835	1851	rVV	1063552	1642266	11.85%	1.314%
16	14.069	1877	1884	1891	rVV	913932	1426136	10.29%	1.141%
17	14.310	1916	1925	1934	rBV	236478	488467	3.52%	0.391%
18	14.692	1983	1990	2002	rBV3	117172	267076	1.93%	0.214%
19	14.951	2028	2034	2039	rVB2	147395	233326	1.68%	0.187%
20	15.069	2049	2054	2060	rVB	1235489	1681781	12.13%	1.345%
21	15.228	2076	2081	2092	rBV2	287682	639601	4.61%	0.512%
22	15.810	2175	2180	2185	rVV4	128358	230202	1.66%	0.184%
23	16.822	2346	2352	2356	rBV	1145811	1546912	11.16%	1.237%
24	16.863	2356	2359	2363	rVV	192704	238333	1.72%	0.191%
25	16.922	2363	2369	2372	rVV	1237485	1761250	12.71%	1.409%
26	16.957	2372	2375	2381	rVB	597408	798116	5.76%	0.638%
27	17.016	2381	2385	2392	rBV3	154012	300704	2.17%	0.241%
28	17.345	2437	2441	2446	rVB	269911	364317	2.63%	0.291%
29	17.404	2447	2451	2458	rVB3	139015	237733	1.72%	0.190%
30	17.516	2462	2470	2480	rVB2	400982	693402	5.00%	0.555%
31	17.698	2497	2501	2505	rBV2	219482	317641	2.29%	0.254%
32	17.745	2505	2509	2516	rVB	344446	499835	3.61%	0.400%
33	17.828	2518	2523	2527	rBV	259316	379980	2.74%	0.304%
34	17.892	2528	2534	2538	rBV2	1465446	2427245	17.51%	1.941%

LSC Area Percent Report

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Data File : BN009691.D
Acq On : 10 Feb 2020 18:36
Operator : CG/JU
Sample : L1324-14ME
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT69ME

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	17.928	2538	2540	2550	rVB	386104	506304	3.65%	0.405%
36	18.098	2566	2569	2573	rVB	194869	241309	1.74%	0.193%
37	18.204	2583	2587	2591	rVV2	577020	862455	6.22%	0.690%
38	18.257	2593	2596	2606	rVB3	218307	392398	2.83%	0.314%
39	18.427	2621	2625	2628	rBV2	172672	256272	1.85%	0.205%
40	18.545	2642	2645	2650	rVB	278164	383741	2.77%	0.307%
41	18.633	2655	2660	2664	rBV2	836796	1322125	9.54%	1.057%
42	18.692	2664	2670	2673	rVV2	748396	1181056	8.52%	0.945%
43	18.722	2673	2675	2679	rVB	420436	496437	3.58%	0.397%
44	18.775	2679	2684	2691	rBV2	1507638	2605929	18.80%	2.084%
45	18.892	2697	2704	2710	rBV	3667373	5023752	36.24%	4.018%
46	18.969	2712	2717	2720	rBV	326141	480676	3.47%	0.384%
47	18.998	2720	2722	2726	rVV4	154967	243676	1.76%	0.195%
48	19.045	2726	2730	2735	rVB	931769	1186047	8.56%	0.949%
49	19.169	2747	2751	2757	rVB	447216	716664	5.17%	0.573%
50	19.233	2757	2762	2763	rBV	1469278	1982785	14.30%	1.586%
51	19.263	2763	2767	2776	rVB	10069037	13861660	100.00%	11.087%
52	19.351	2776	2782	2787	rVB2	324862	547023	3.95%	0.438%
53	19.504	2804	2808	2814	rVB3	323925	526919	3.80%	0.421%
54	19.592	2818	2823	2834	rBV2	1039214	2155514	15.55%	1.724%
55	19.680	2834	2838	2841	rBV4	176971	232205	1.68%	0.186%
56	19.727	2841	2846	2849	rBV3	998313	1803494	13.01%	1.443%
57	19.763	2849	2852	2857	rVB	1442988	1957891	14.12%	1.566%
58	19.863	2866	2869	2875	rBV	576705	692513	5.00%	0.554%
59	19.922	2875	2879	2883	rBV2	1729436	2029210	14.64%	1.623%
60	20.063	2898	2903	2906	rVV	1462330	1818864	13.12%	1.455%
61	20.110	2906	2911	2915	rVB	1539097	1958220	14.13%	1.566%
62	20.239	2929	2933	2937	rVB2	170427	249165	1.80%	0.199%
63	20.322	2943	2947	2950	rBV4	197507	296837	2.14%	0.237%
64	20.516	2977	2980	2987	rVB	764337	1033243	7.45%	0.826%
65	20.604	2992	2995	2999	rVV	195416	263597	1.90%	0.211%
66	20.680	2999	3008	3011	rVV4	671930	1490777	10.75%	1.192%
67	20.716	3011	3014	3018	rVV	841688	1104834	7.97%	0.884%
68	20.757	3018	3021	3022	rVV	659797	768470	5.54%	0.615%
69	20.774	3022	3024	3029	rVV2	754203	1076108	7.76%	0.861%
70	20.816	3029	3031	3037	rVB	367567	539219	3.89%	0.431%
71	20.921	3045	3049	3051	rBV	178712	231699	1.67%	0.185%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021020\
Data File : BN009691.D
Acq On : 10 Feb 2020 18:36
Operator : CG/JU
Sample : L1324-14ME
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT69ME

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	21.021	3061	3066	3072	rBV2	4491930	8326289	60.07%	6.660%
73	21.074	3072	3075	3081	rVB	2993035	3664692	26.44%	2.931%
74	21.157	3086	3089	3092	rVV	219238	278018	2.01%	0.222%
75	21.216	3096	3099	3100	rVV2	268223	351420	2.54%	0.281%
76	21.245	3100	3104	3119	rVB	1947000	2977546	21.48%	2.382%
77	21.398	3126	3130	3134	rBV3	275584	378414	2.73%	0.303%
78	21.480	3140	3144	3148	rVB3	193820	266046	1.92%	0.213%
79	21.521	3148	3151	3154	rBV	363328	440688	3.18%	0.352%
80	21.574	3154	3160	3165	rVV	1153616	1709453	12.33%	1.367%
81	21.621	3165	3168	3174	rVB2	561527	798627	5.76%	0.639%
82	21.686	3175	3179	3182	rBV3	333518	551198	3.98%	0.441%
83	21.757	3187	3191	3194	rVV3	772202	1186728	8.56%	0.949%
84	21.786	3194	3196	3201	rVV2	607383	746388	5.38%	0.597%
85	21.857	3205	3208	3213	rVB	353884	455343	3.28%	0.364%
86	22.074	3241	3245	3252	rVB4	352812	622584	4.49%	0.498%
87	22.286	3278	3281	3289	rVB3	194087	393297	2.84%	0.315%
88	22.533	3317	3323	3334	rBV	2255259	5970985	43.08%	4.776%
89	22.686	3344	3349	3360	rBV	738694	1221211	8.81%	0.977%
90	22.968	3391	3397	3401	rBV	1550684	2608733	18.82%	2.087%
91	23.015	3401	3405	3408	rVV	970032	1629090	11.75%	1.303%
92	23.063	3408	3413	3419	rVV	2712519	4530902	32.69%	3.624%
93	23.145	3422	3427	3432	rVV	927440	1655169	11.94%	1.324%
94	23.192	3432	3435	3444	rVB3	376903	806246	5.82%	0.645%
95	23.657	3509	3514	3520	rVB3	273489	523298	3.78%	0.419%
96	23.727	3523	3526	3530	rBV4	140988	270325	1.95%	0.216%
97	23.945	3558	3563	3569	rBV3	276965	518957	3.74%	0.415%
98	25.209	3770	3778	3787	rVB	834699	2139216	15.43%	1.711%
99	25.439	3813	3817	3825	rVB2	187947	421248	3.04%	0.337%
100	25.833	3877	3884	3894	rVB2	560347	1465286	10.57%	1.172%

Sum of corrected areas: 125024137

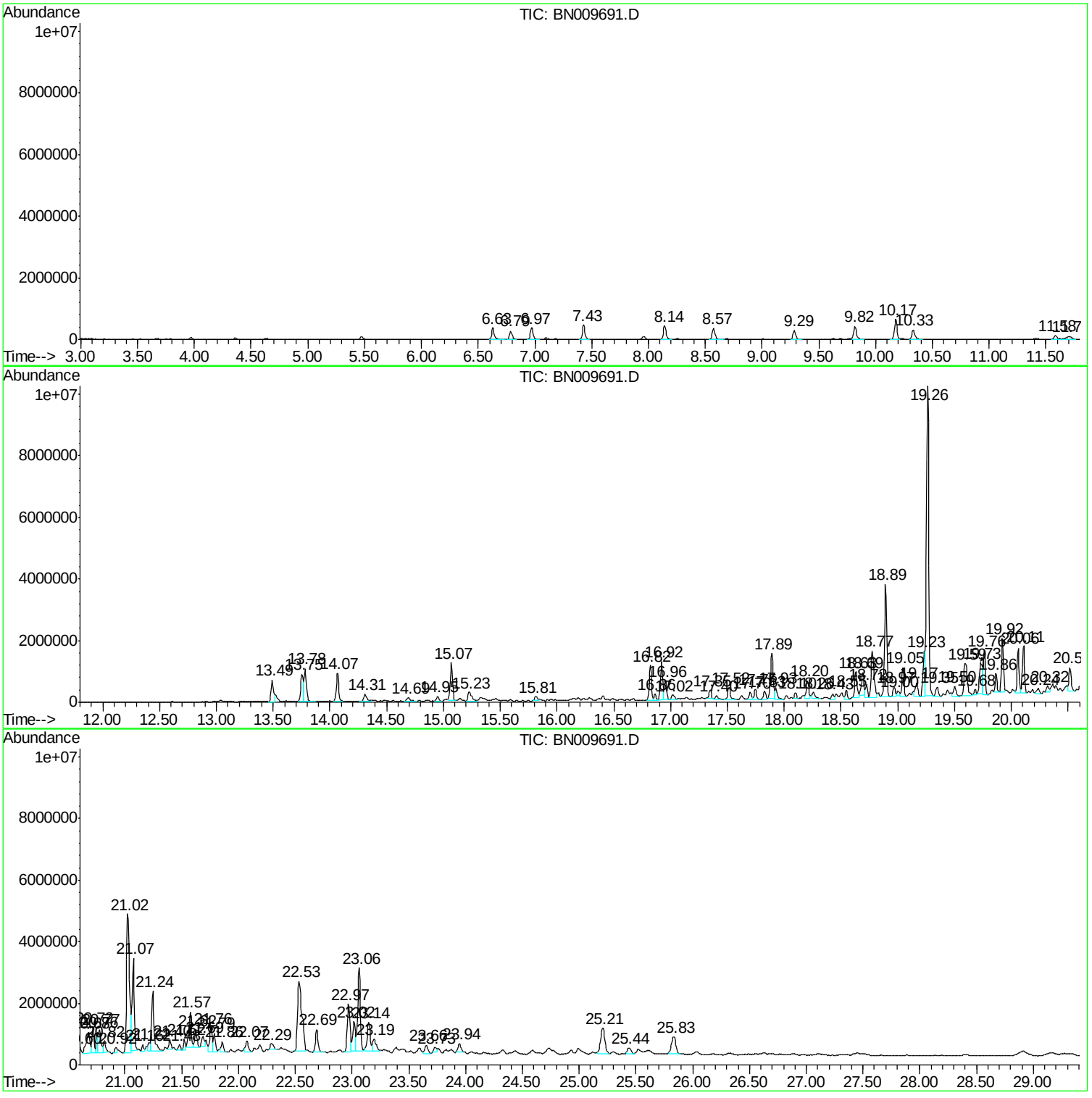
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021020\
Data File : BN009691.D
Acq On : 10 Feb 2020 18:36
Operator : CG/JU
Sample : L1324-14ME
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT69ME

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 : BN009691.D
Acq On : 10 Feb 2020 18:36
Operator : CG/JU
Sample : L1324-14ME
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT69ME

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

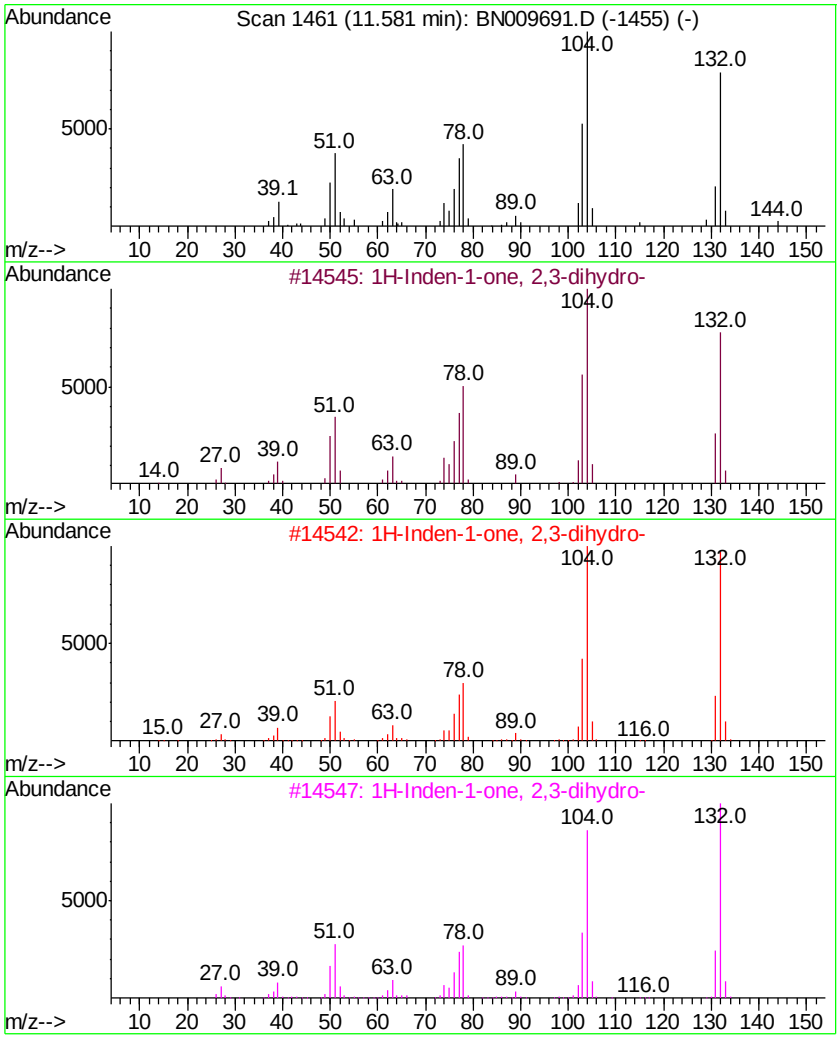
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

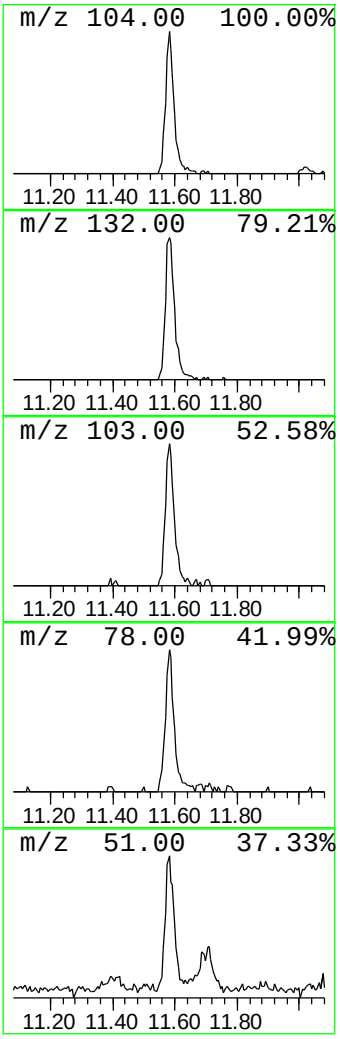
****

Peak Number 1 1H-Inden-1-one, 2,3-dihydro- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.58	4.39 ng/ul	236374	Naphthalene-d8	10.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	98
2	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	97
3	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	96
4	N-Ethylbenzimidoyl bromide	211	C9H10BrN	041182-87-0	64
5	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	55





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021020\
Data File : BN009691.D
Acq On : 10 Feb 2020 18:36
Operator : CG/JU
Sample : L1324-14ME
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT69ME

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

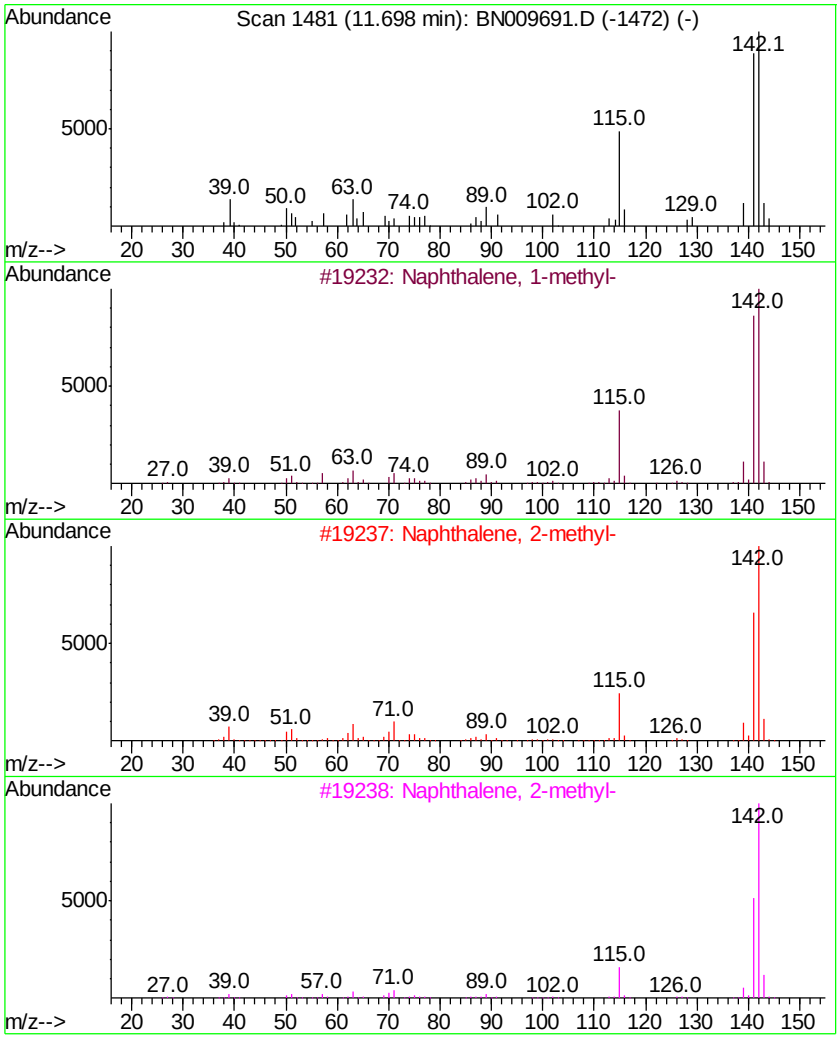
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

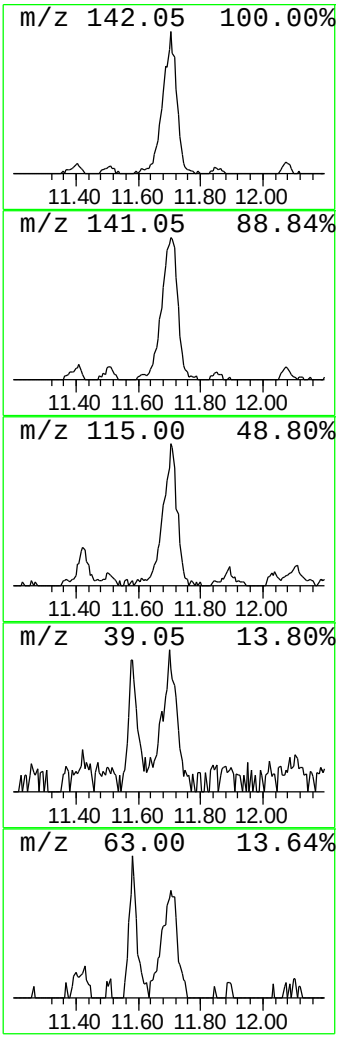
****

Peak Number 2 Naphthalene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	5.21 ng/ul	280388	Naphthalene-d8	10.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	90
5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	87





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Sample : L1324-14ME
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT69ME

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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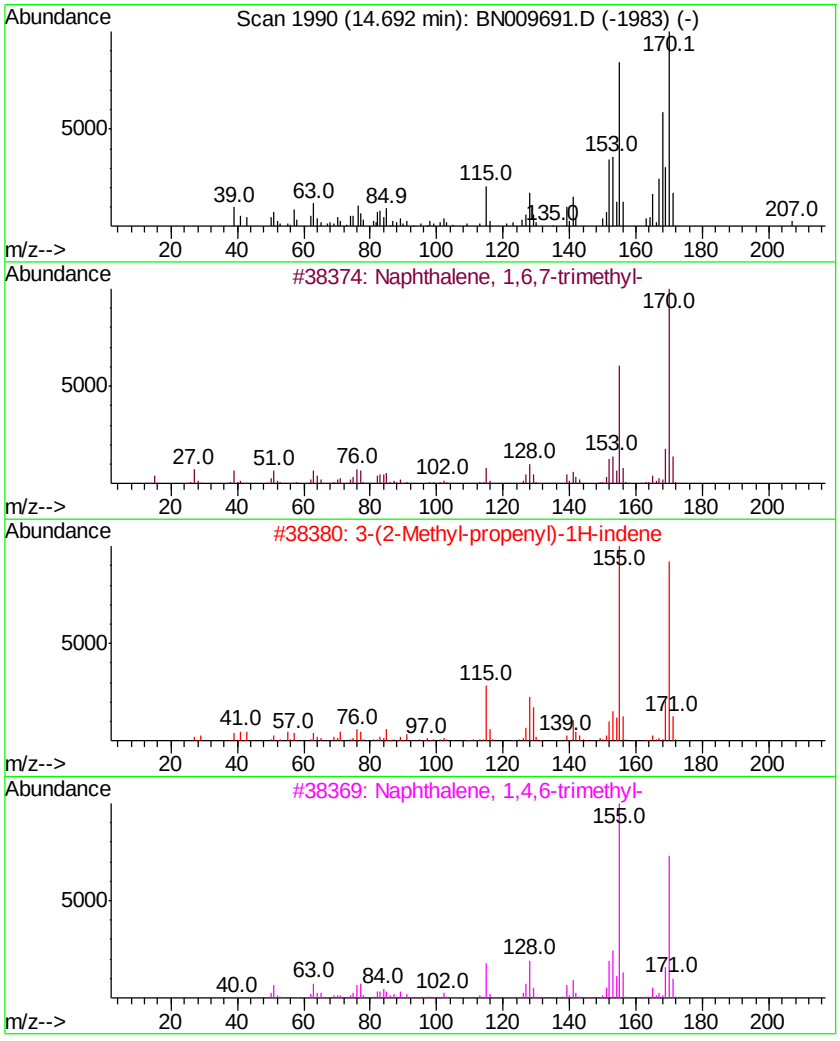
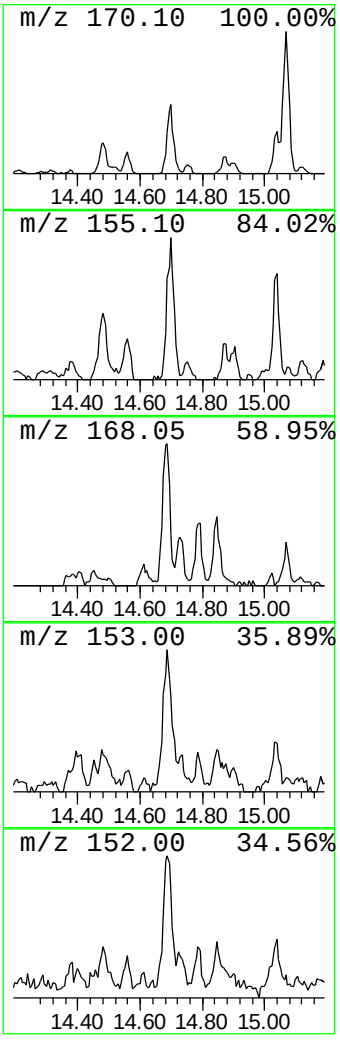
Peak Number 3 Naphthalene, 1,6,7-trimethyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	3.75 ng/ul	267076	Acenaphthene-d10	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	91
2	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	86
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	76
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	70
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	70





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021020\
Data File : BN009691.D
Acq On : 10 Feb 2020 18:36
Operator : CG/JU
Sample : L1324-14ME
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT69ME

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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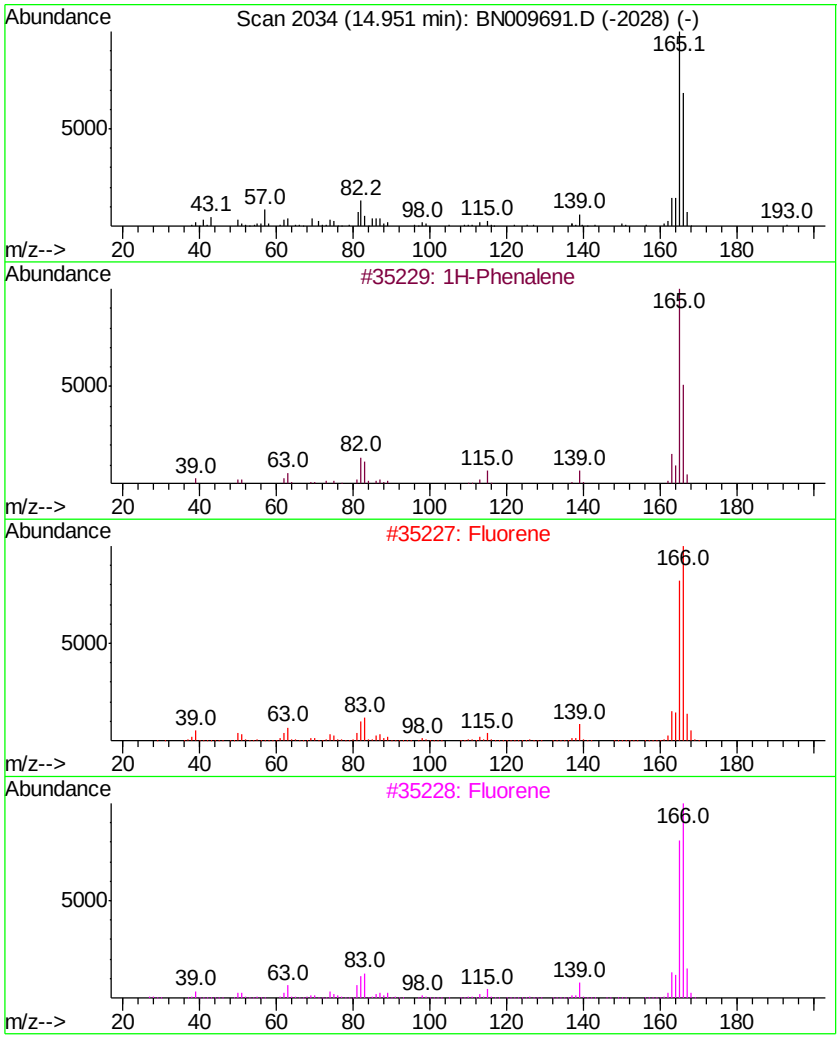
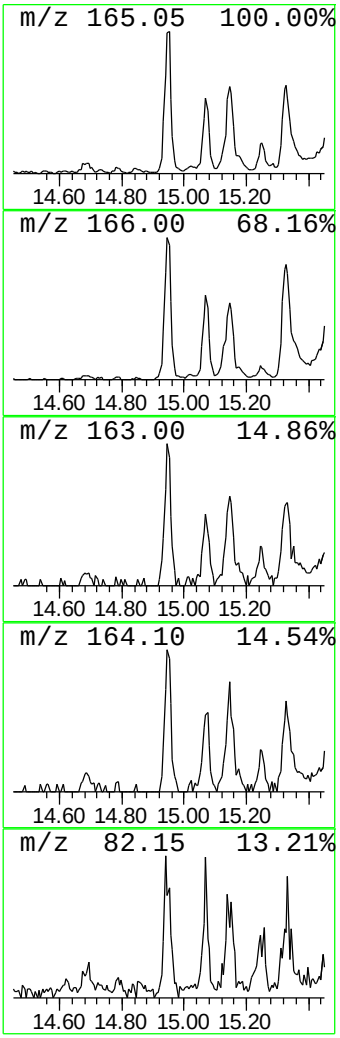
Peak Number 4 1H-Phenalene Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.95	3.27 ng/ul	233326	Acenaphthene-d10	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Phenalene	166	C13H10	000203-80-5	80
2	Fluorene	166	C13H10	000086-73-7	58
3	Fluorene	166	C13H10	000086-73-7	52
4	Fluorene	166	C13H10	000086-73-7	50
5	3-Trifluoromethylbenzhydryl chlo...	270	C14H10ClF3	067240-79-3	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021020\
Data File : BN009691.D
Acq On : 10 Feb 2020 18:36
Operator : CG/JU
Sample : L1324-14ME
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT69ME

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

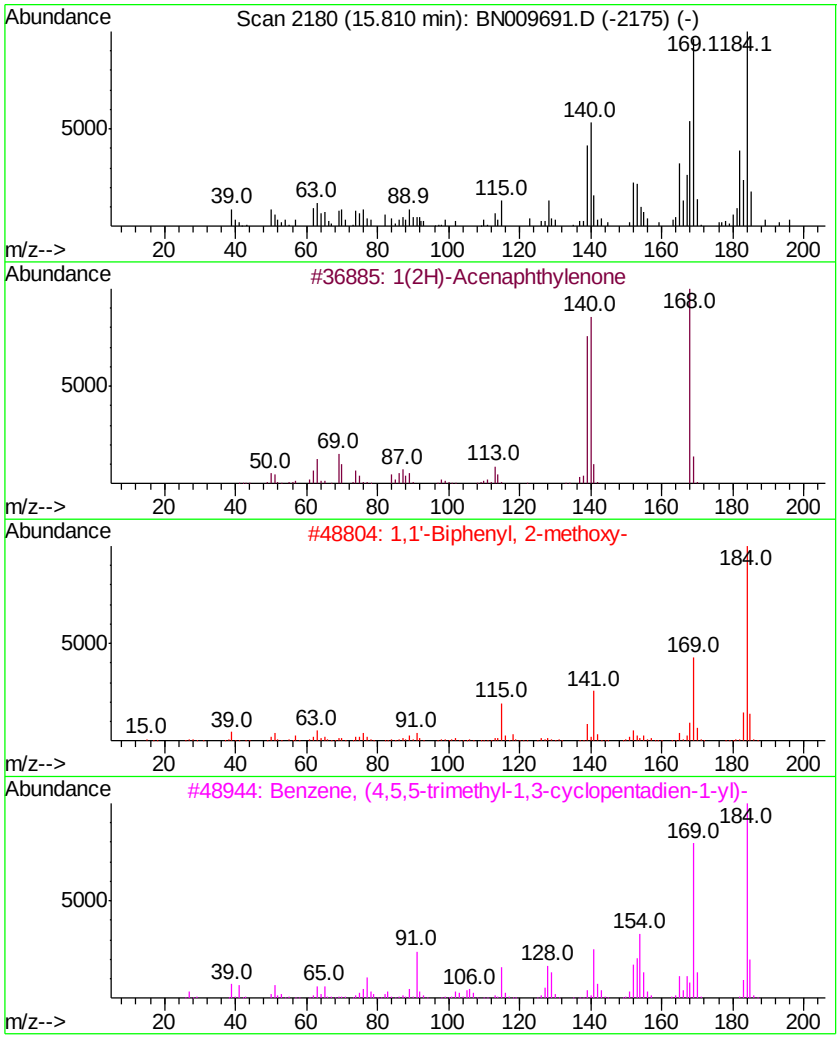
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

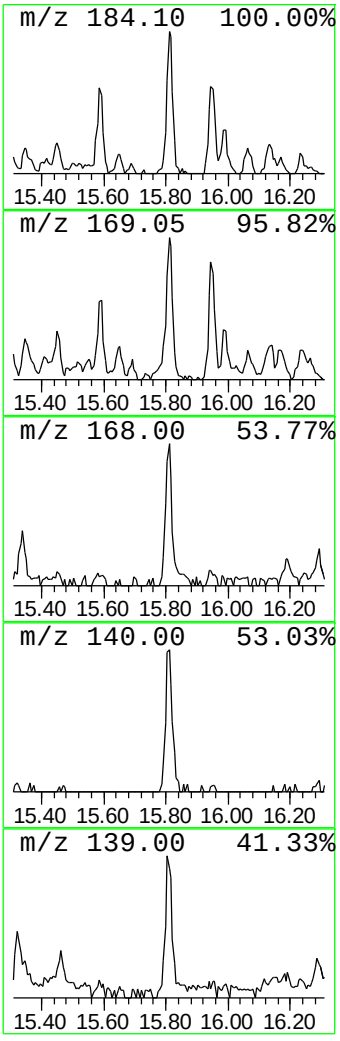
****

Peak Number 5 1(2H)-Acenaphthylenone Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.81	2.98 ng/ul	230202	Phenanthrene-d10	16.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	60
2	1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	52
3	Benzene, (4,5,5-trimethyl-1,3-cy...	184	C14H16	033930-85-7	50
4	Chamazulene	184	C14H16	000529-05-5	50
5	1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	50





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Acq On : 10 Feb 2020 18:36
Operator : CG/JU
Sample : L1324-14ME
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT69ME

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Quant Title : SVOA CALIBRATION

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

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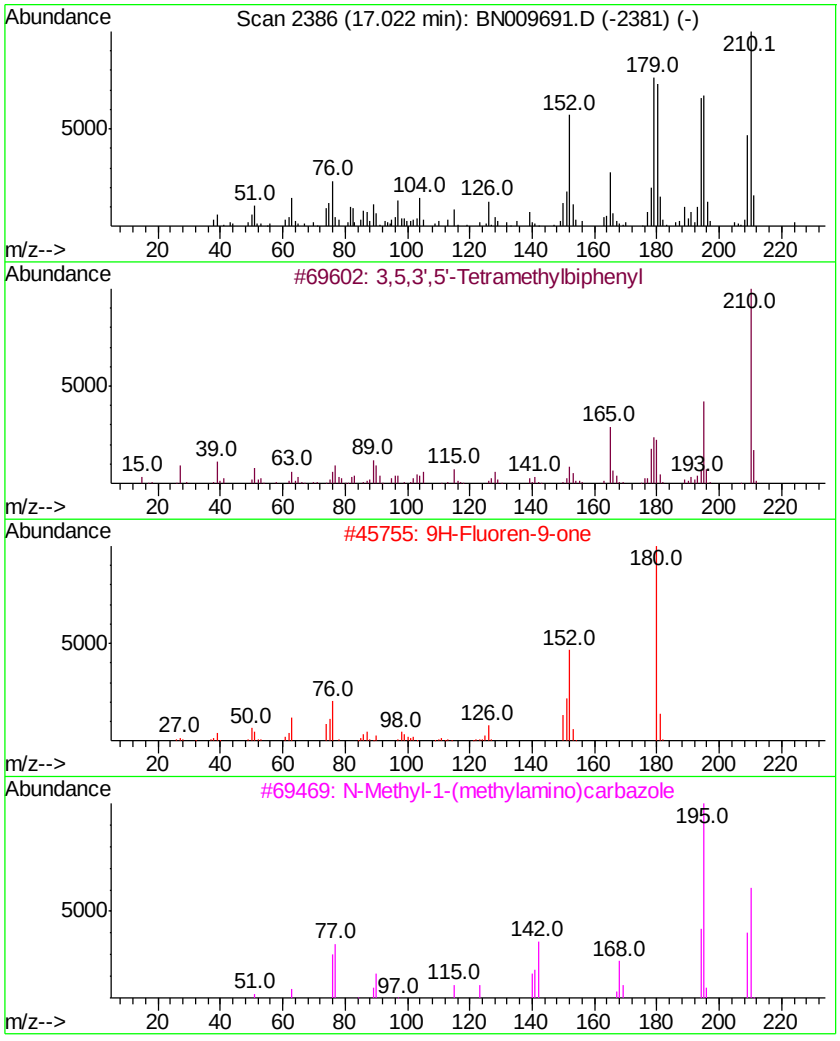
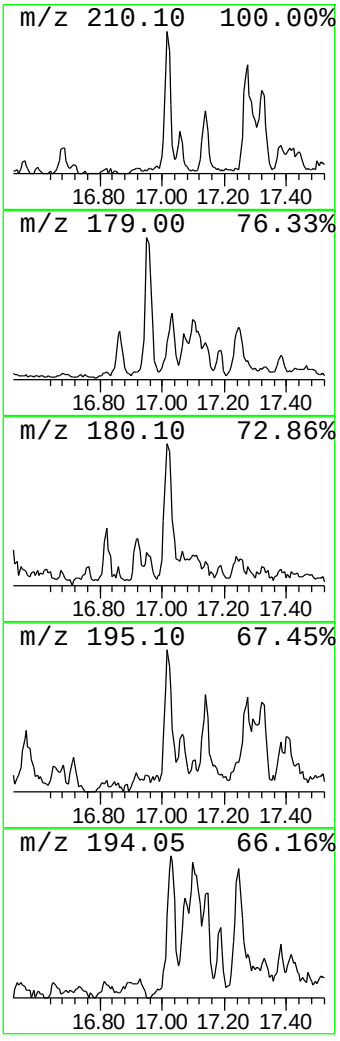
Peak Number 6 3,5,3',5'-Tetramethylbiphenyl Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.02	3.89 ng/ul	300704	Phenanthrene-d10	16.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5,3',5'-Tetramethylbiphenyl	210	C16H18	025570-02-9	58
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	56
3	N-Methyl-1-(methylamino)carbazole	210	C14H14N2	098207-93-3	55
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	53
5	Anthracene, 1,2,3,4-tetrahydro-9...	210	C16H18	094573-50-9	46





Library Search Compound Report

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Acq On : 10 Feb 2020 18:36
Operator : CG/JU
Sample : L1324-14ME
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT69ME

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

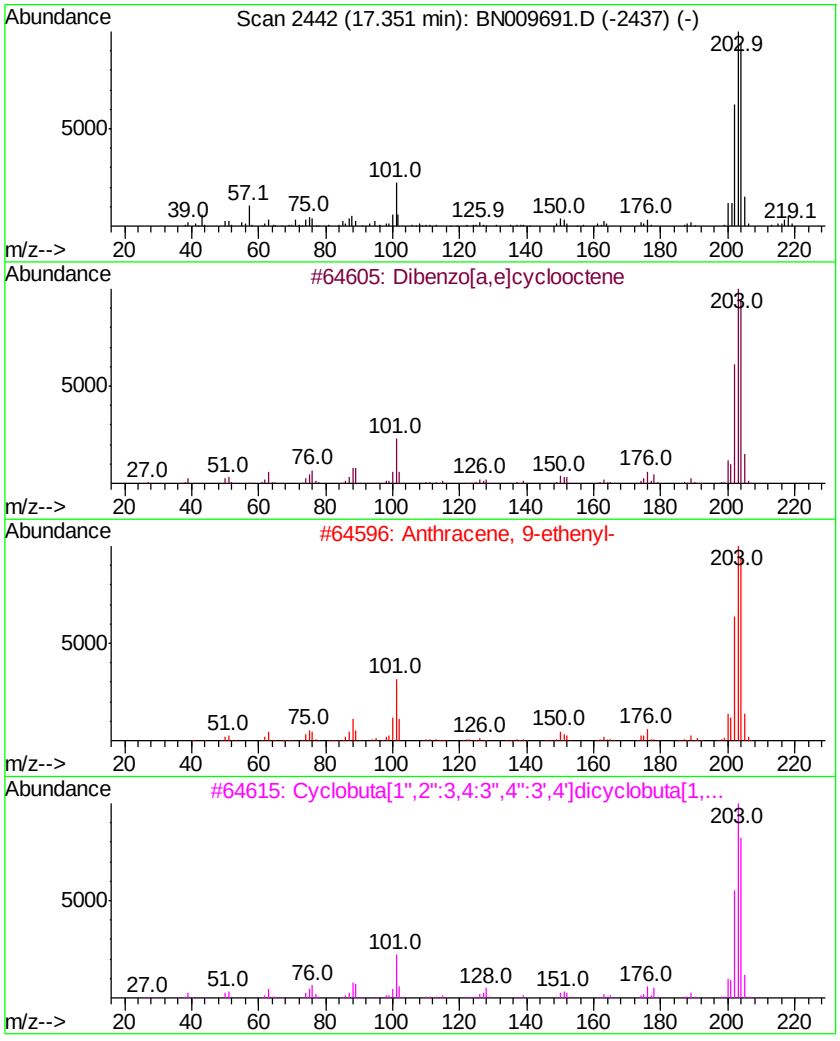
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

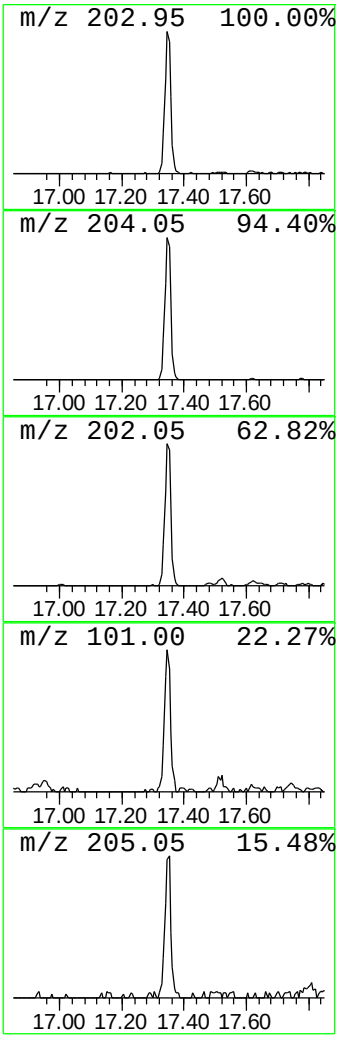
****

Peak Number 7 Dibenzo[a,e]cyclooctene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.35	4.71 ng/ul	364317	Phenanthrene-d10	16.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	90
2	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	89
3	Cyclobuta[1'',2'':3,4:3'',4'':3'...	204	C16H12	006574-36-3	76
4	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	76
5	Pyrene, 4,5-dihydro-	204	C16H12	006628-98-4	68





Library Search Compound Report

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Data File : BN009691.D
Acq On : 10 Feb 2020 18:36
Operator : CG/JU
Sample : L1324-14ME
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT69ME

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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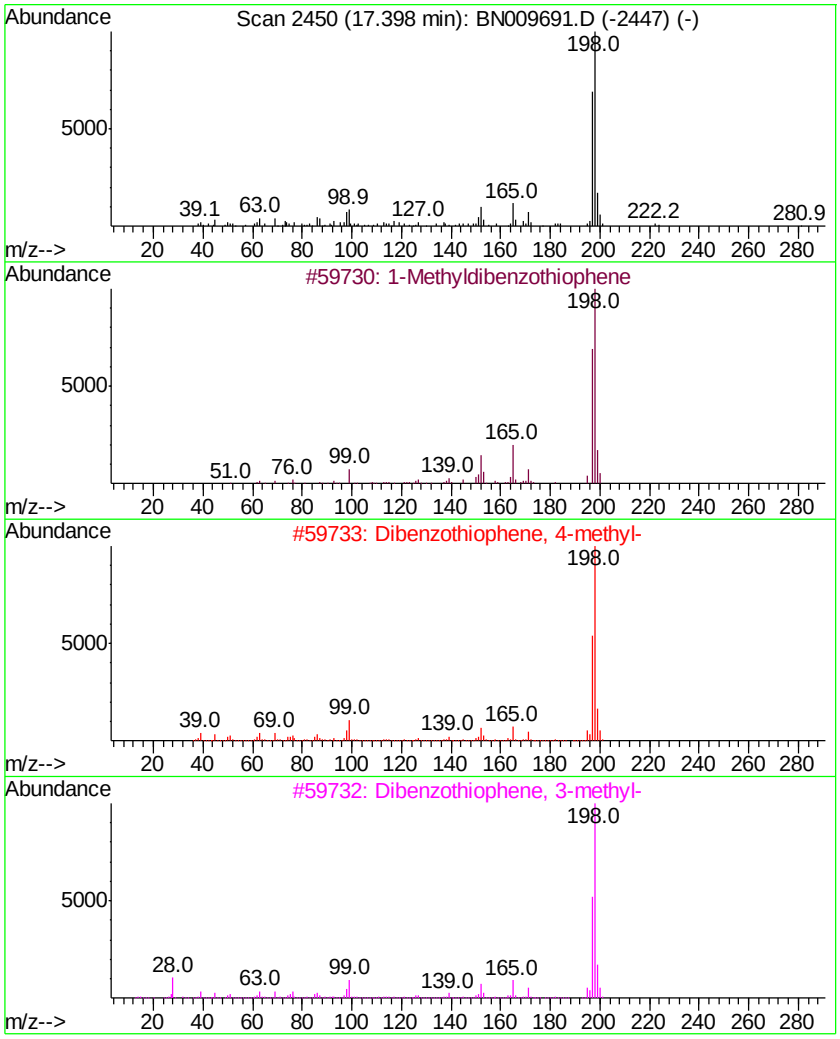
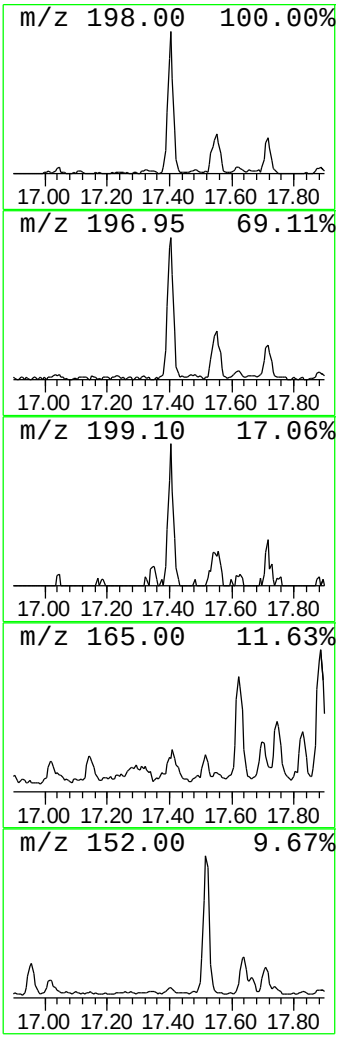
Peak Number 8 1-Methyldibenzothiophene Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.40	3.07 ng/ul	237733	Phenanthrene-d10	16.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	87
2	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	87
3	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	81
4	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	78
5	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	64





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Acq On : 10 Feb 2020 18:36
Operator : CG/JU
Sample : L1324-14ME
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT69ME

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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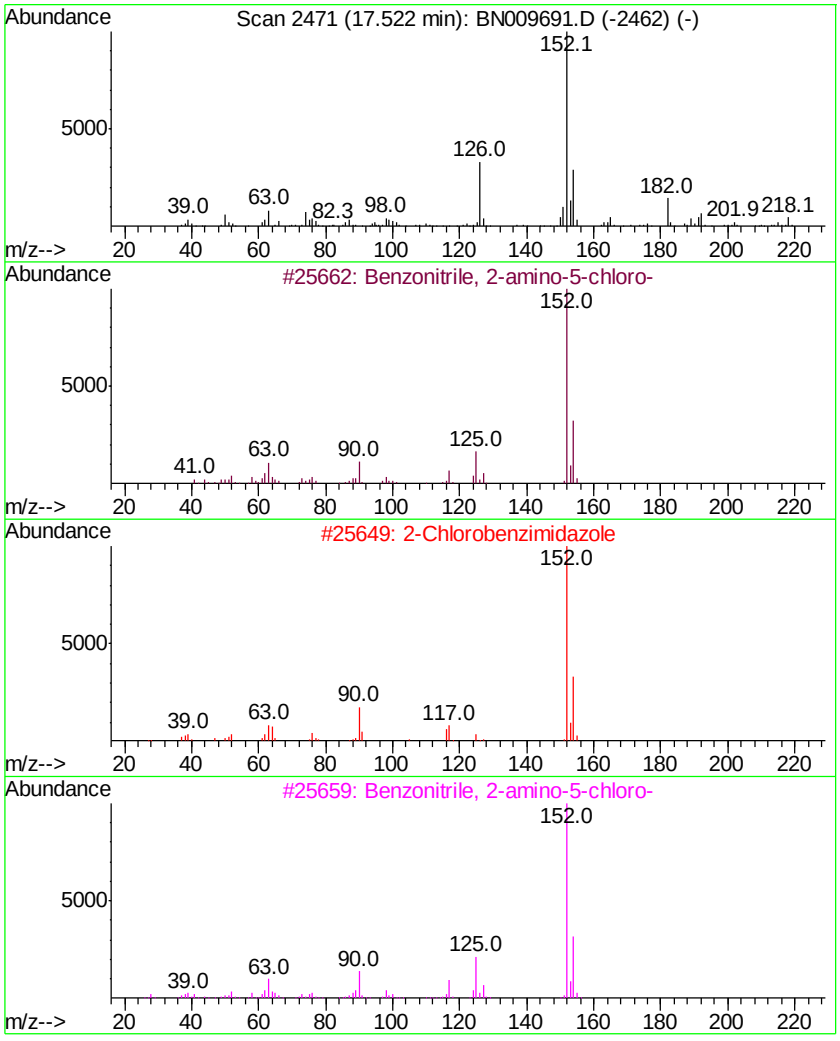
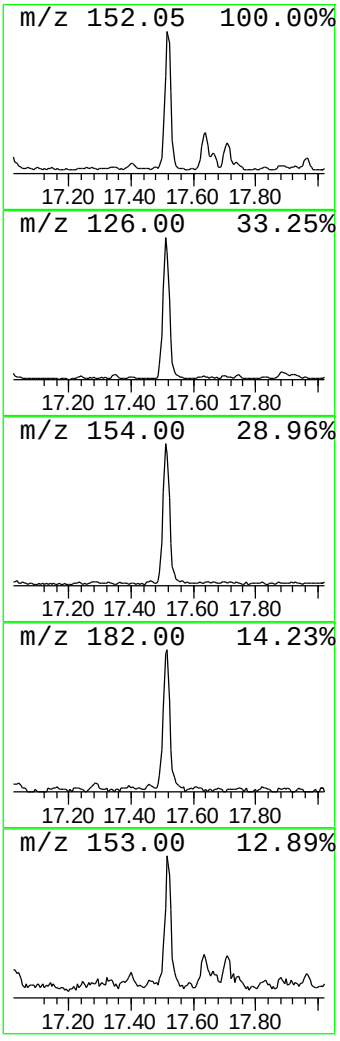
Peak Number 9 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.52	8.96 ng/ul	693402	Phenanthrene-d10	16.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzonitrile, 2-amino-5-chloro-	152	C7H5ClN2	005922-60-1	49
2	2-Chlorobenzimidazole	152	C7H5ClN2	004857-06-1	49
3	Benzonitrile, 2-amino-5-chloro-	152	C7H5ClN2	005922-60-1	47
4	Benzonitrile, 2-amino-5-chloro-	152	C7H5ClN2	005922-60-1	47
5	Benzonitrile, 2-amino-4-chloro-	152	C7H5ClN2	038487-86-4	47





Library Search Compound Report

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Operator : CG/JU
Sample : L1324-14ME
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT69ME

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Quant Title : SVOA CALIBRATION

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

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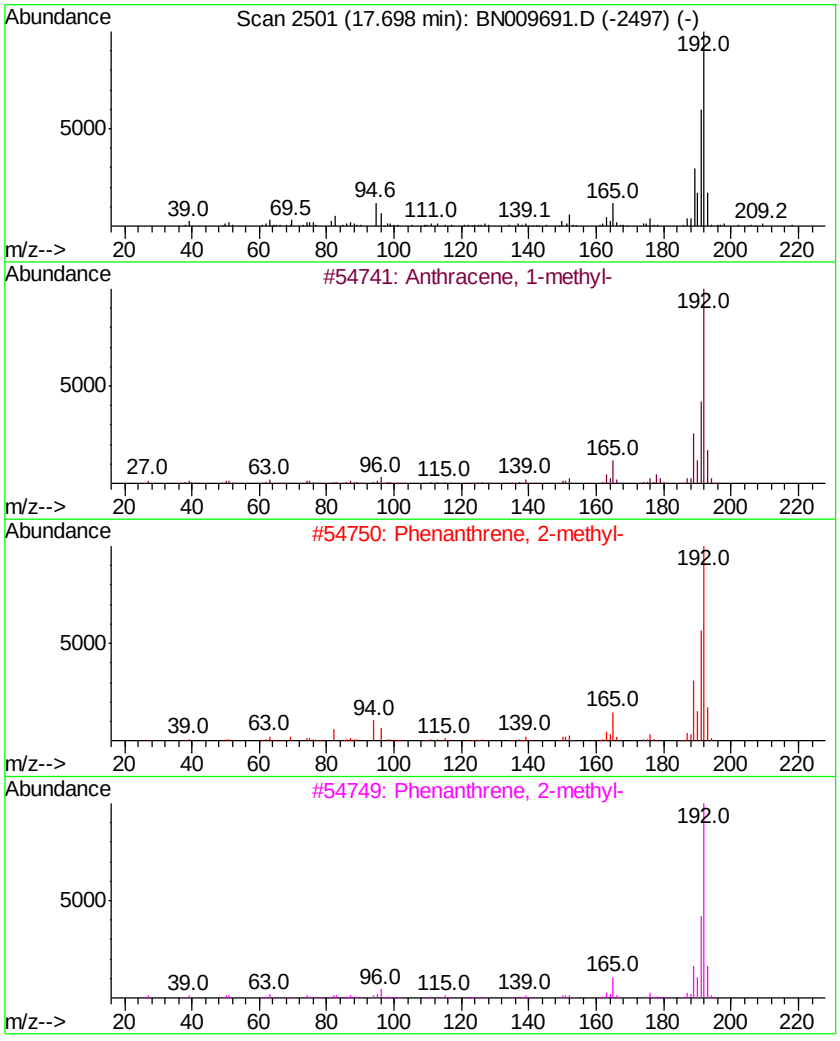
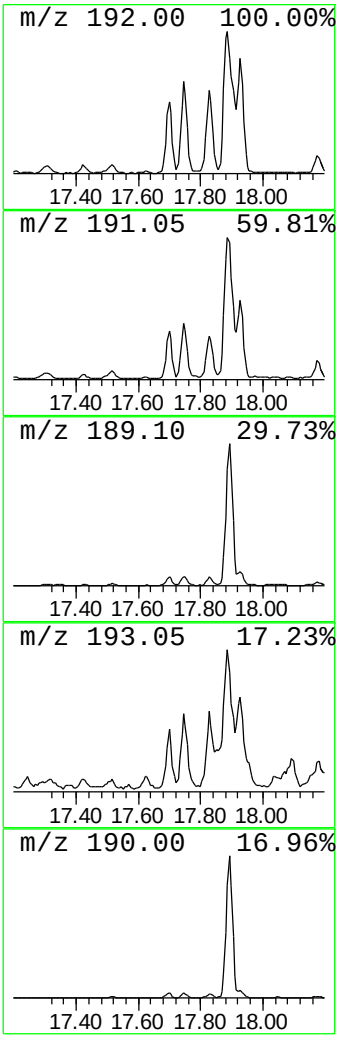
Peak Number 10 Anthracene, 1-methyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.70	4.11 ng/ul	317641	Phenanthrene-d10	16.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	89





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Acq On : 10 Feb 2020 18:36
Operator : CG/JU
Sample : L1324-14ME
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT69ME

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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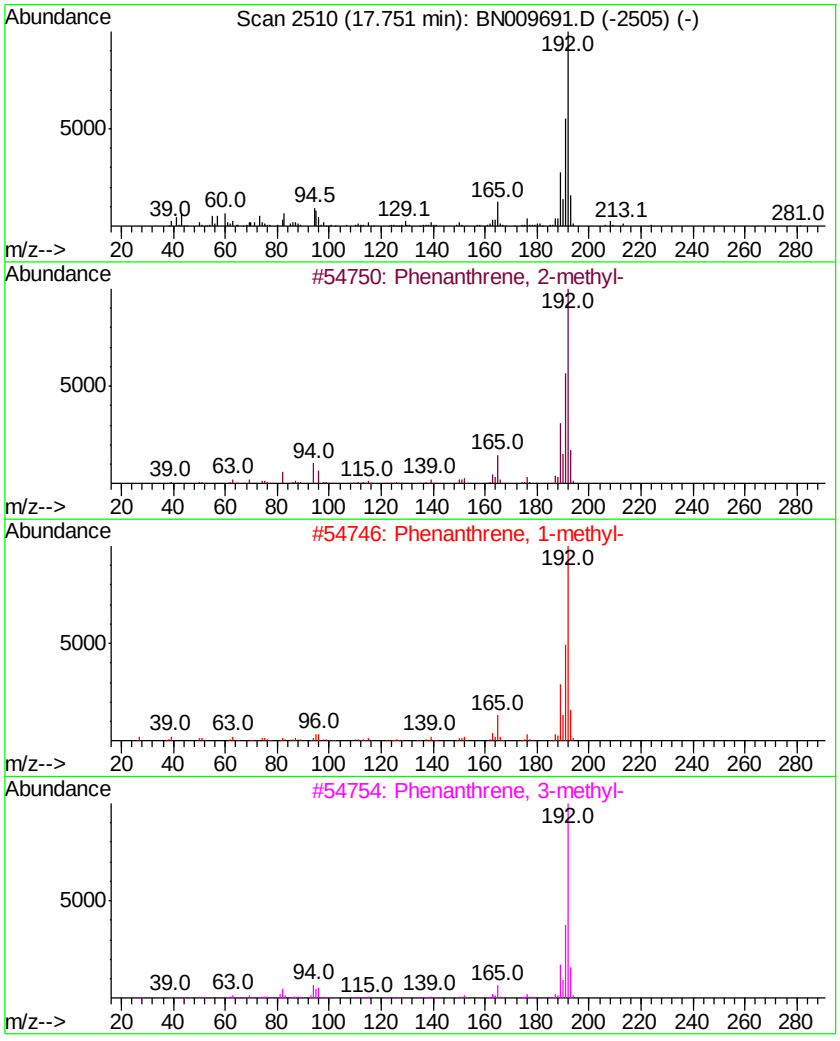
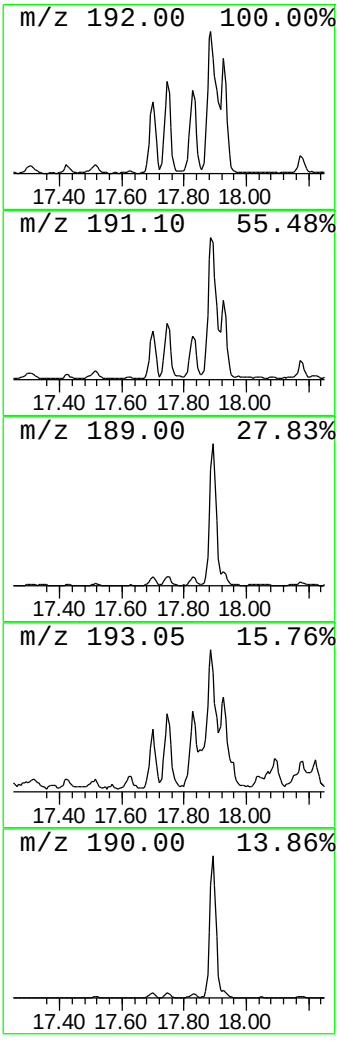
Peak Number 11 Phenanthrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.75	6.46 ng/ul	499835	Phenanthrene-d10	16.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	96
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95





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Sample : L1324-14ME
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT69ME

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Quant Title : SVOA CALIBRATION

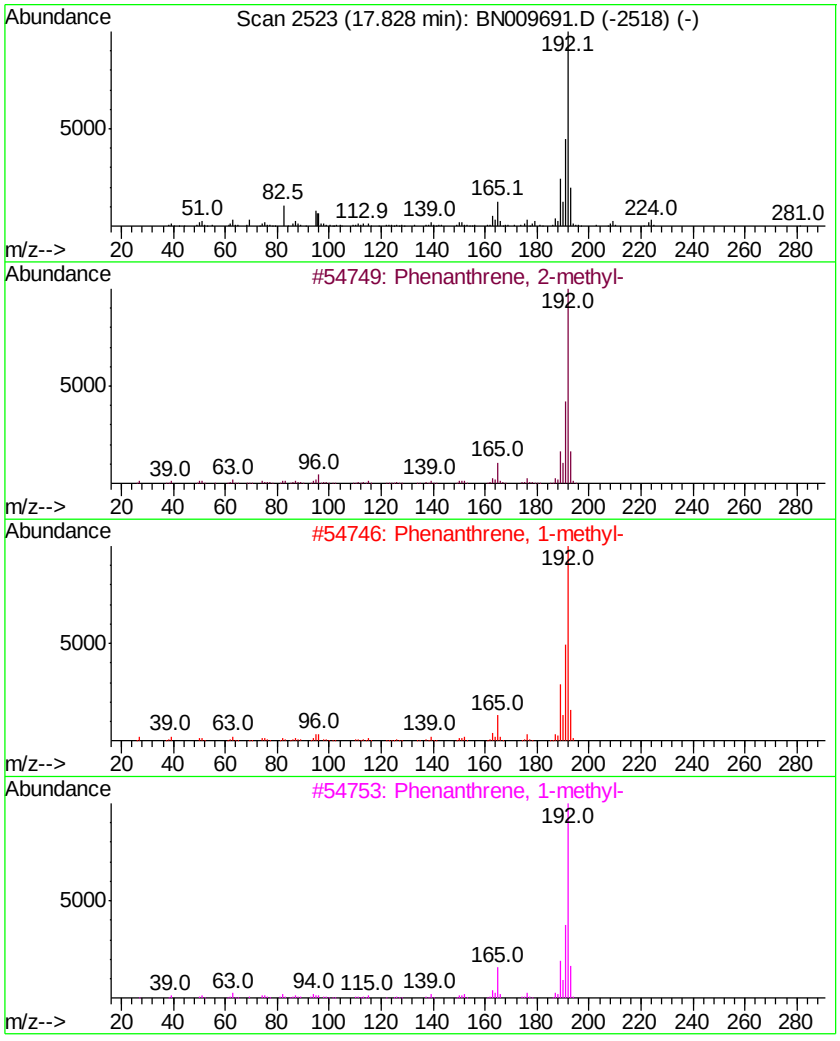
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

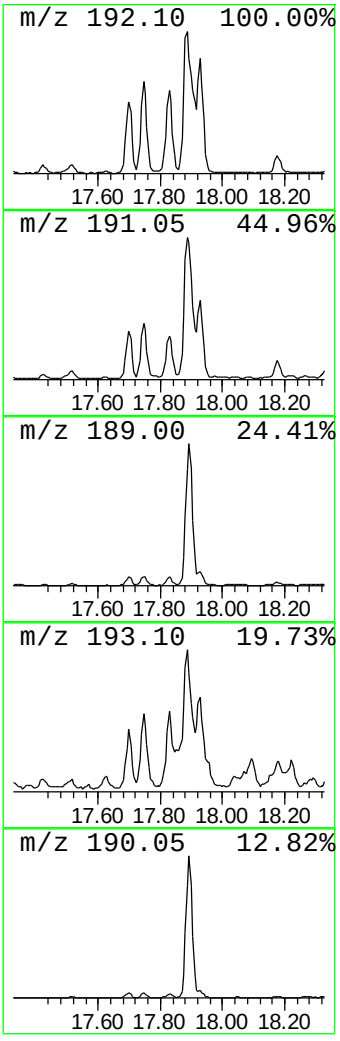
****

Peak Number 12 Phenanthrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.83	4.91 ng/ul	379980	Phenanthrene-d10	16.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT69ME

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Quant Title : SVOA CALIBRATION

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

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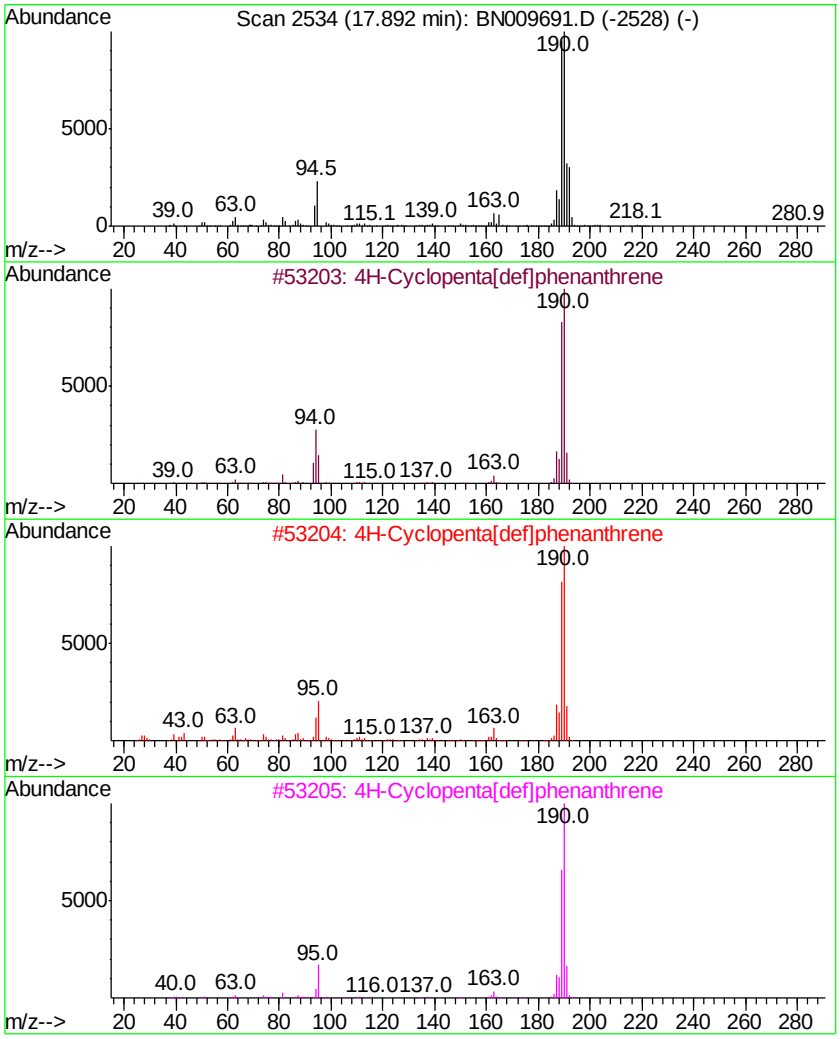
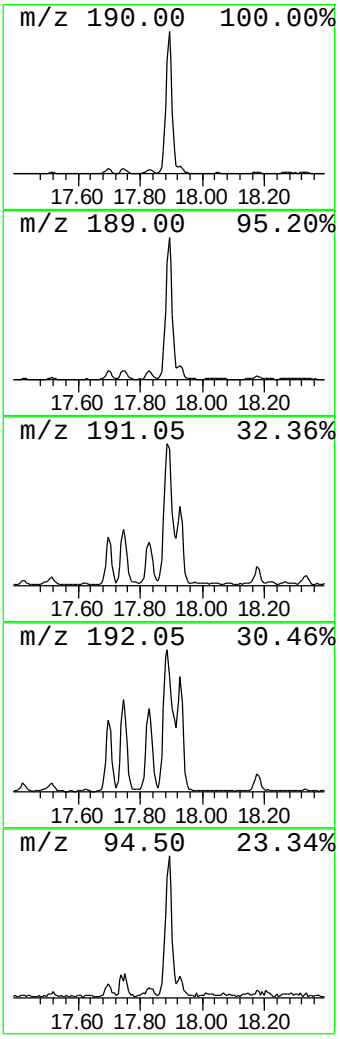
Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	31.38 ng/ul	2427250	Phenanthrene-d10	16.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	72
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
5	Methyl diselenide	190	C2H6Se2	007101-31-7	49





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Sample : L1324-14ME
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT69ME

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Quant Title : SVOA CALIBRATION

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

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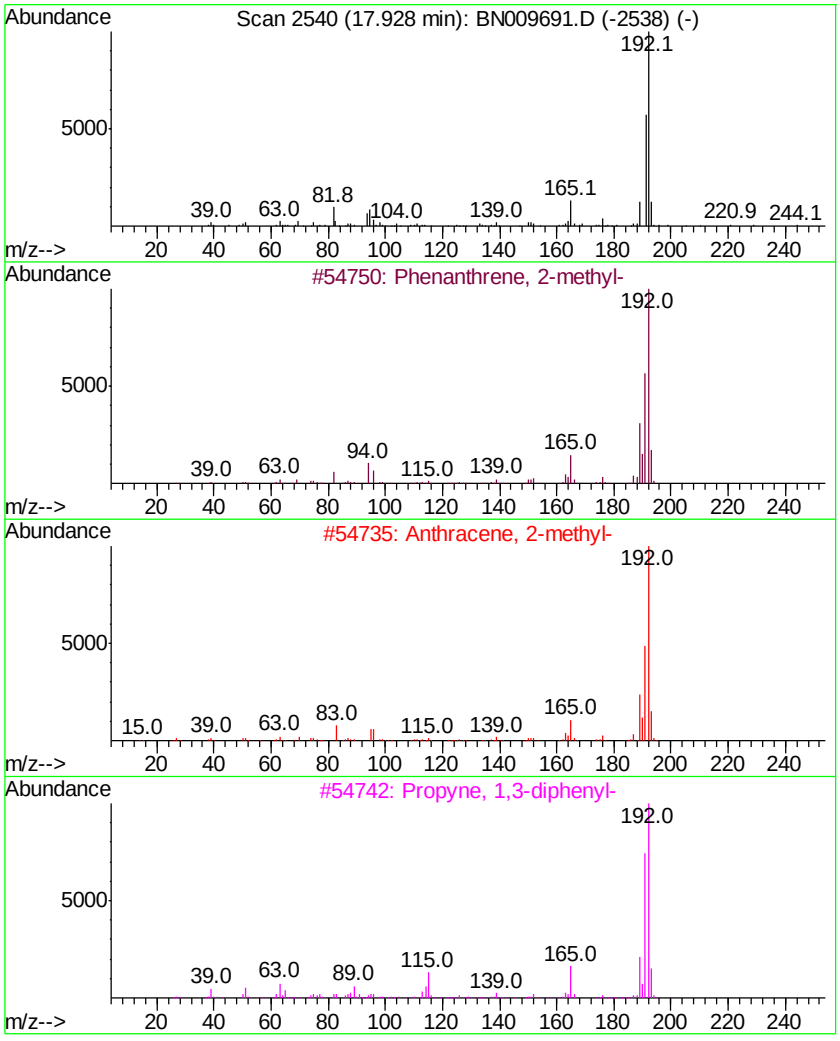
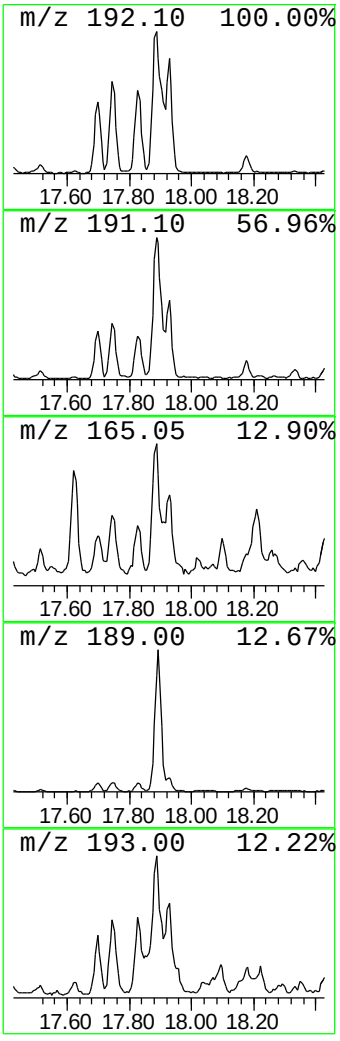
Peak Number 14 Anthracene, 9-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	6.55 ng/ul	506304	Phenanthrene-d10	16.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	83
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	81
3	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	81
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	80
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	76





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT69ME

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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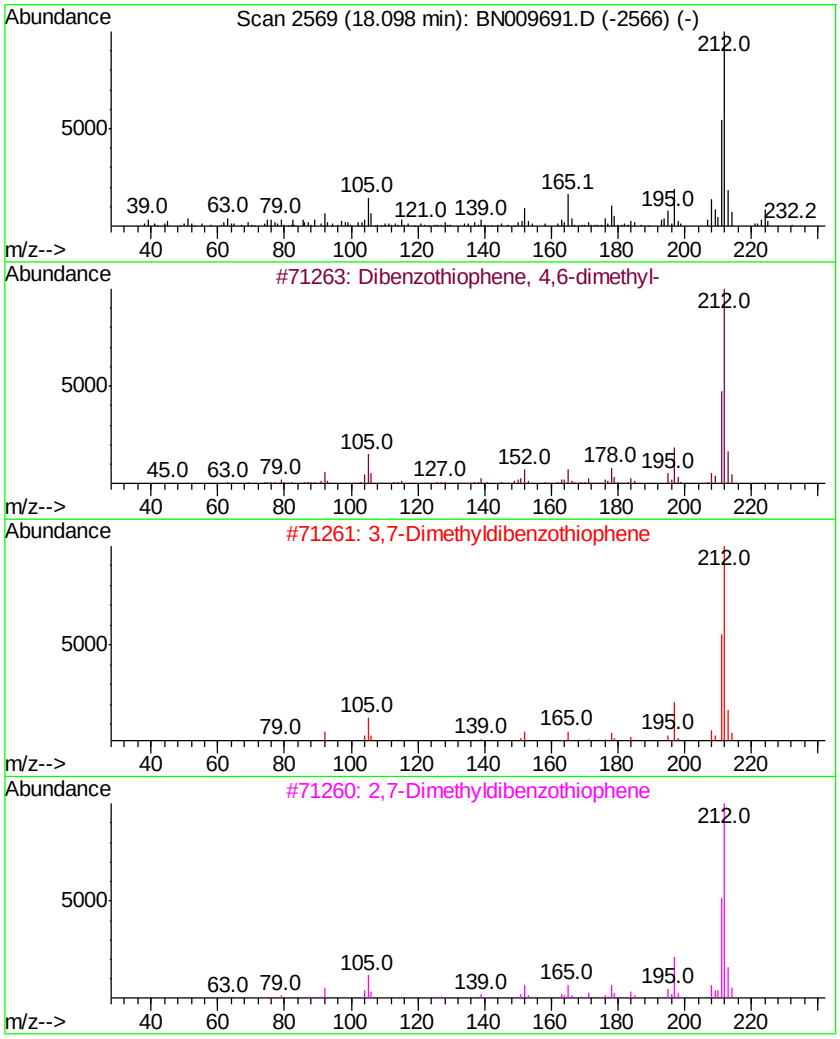
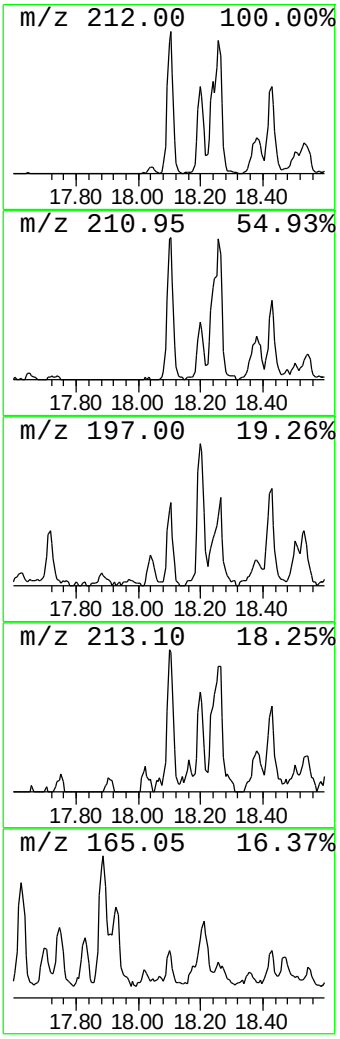
Peak Number 15 Dibenzothiophene, 4,6-dimet... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.10	3.12 ng/ul	241309	Phenanthrene-d10	16.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 4,6-dimethyl-	212	C14H12S	001207-12-1	96
2	3,7-Dimethyldibenzothiophene	212	C14H12S	001136-85-2	96
3	2,7-Dimethyldibenzothiophene	212	C14H12S	031317-19-8	95
4	2,8-Dimethyldibenzo(b,d)thiophene	212	C14H12S	001207-15-4	94
5	Naphtho[2,3-b]thiophene, 4,9-dim...	212	C14H12S	016587-34-1	93





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Sample : L1324-14ME
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT69ME

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Quant Title : SVOA CALIBRATION

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

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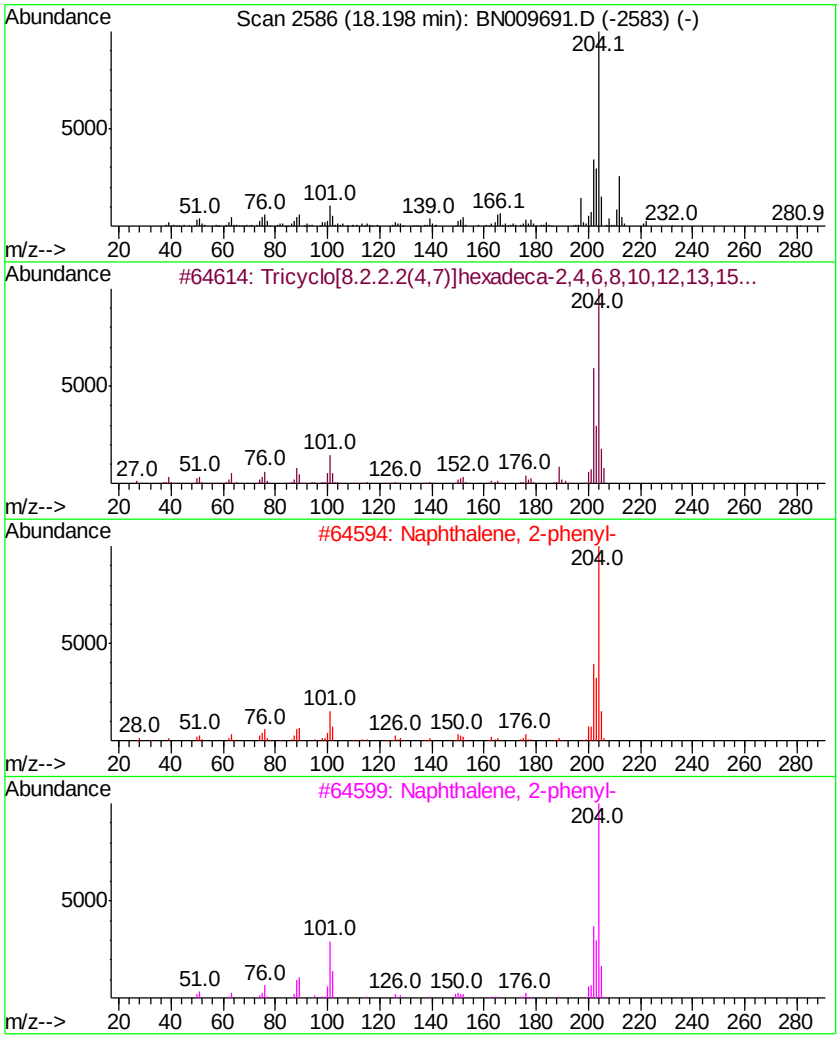
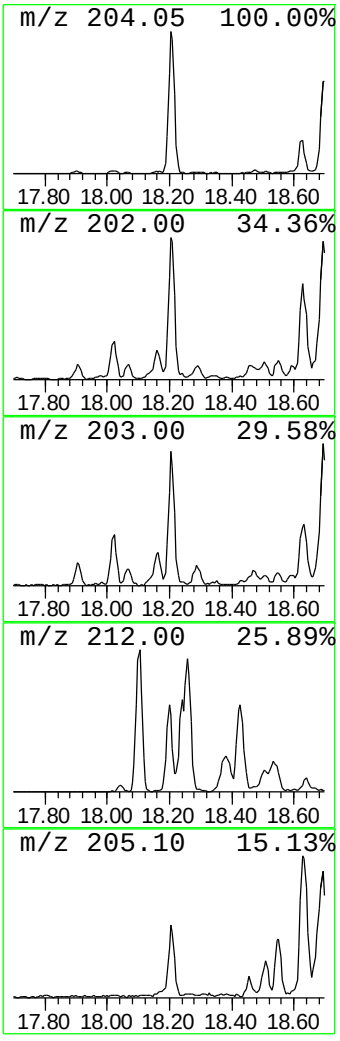
Peak Number 16 Tricyclo[8.2.2.2(4,7)]hexad... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.20	11.15 ng/ul	862455	Phenanthrene-d10	16.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	86
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	64
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	62





Library Search Compound Report

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Sample : L1324-14ME
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT69ME

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Quant Title : SVOA CALIBRATION

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

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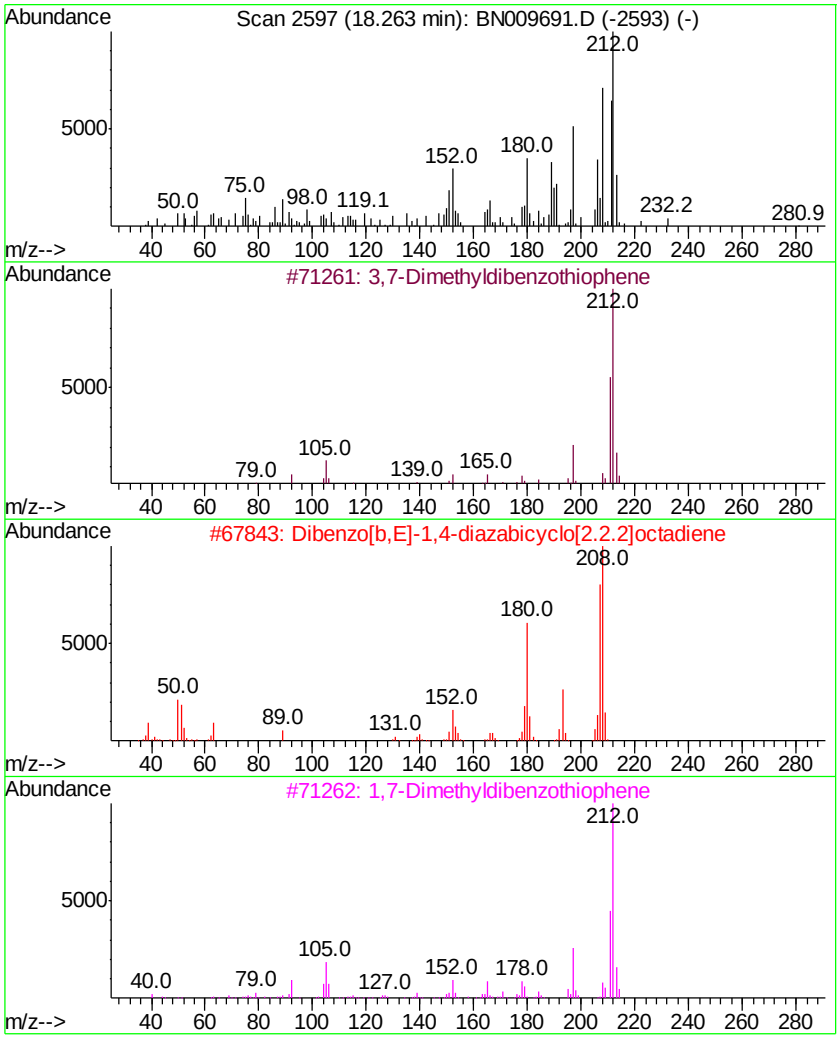
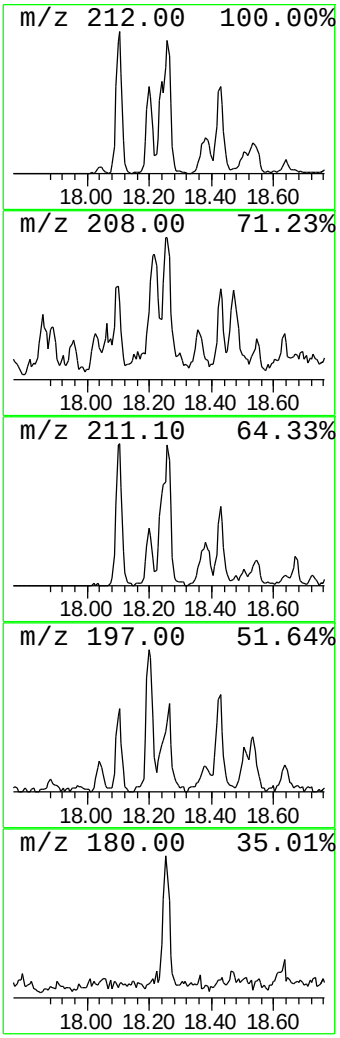
Peak Number 17 3,7-Dimethyldibenzothiophene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.26	5.07 ng/ul	392398	Phenanthrene-d10	16.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,7-Dimethyldibenzothiophene	212	C14H12S	001136-85-2	50
2	Dibenzo[b,E]-1,4-diazabicyclo[2....	208	C14H12N2	094509-68-9	50
3	1,7-Dimethyldibenzothiophene	212	C14H12S	089816-53-5	46
4	2,7-Dimethyldibenzothiophene	212	C14H12S	031317-19-8	46
5	2,6-Dimethyldibenzothiophene	212	C14H12S	089816-75-1	46





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Acq On : 10 Feb 2020 18:36
Operator : CG/JU
Sample : L1324-14ME
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT69ME

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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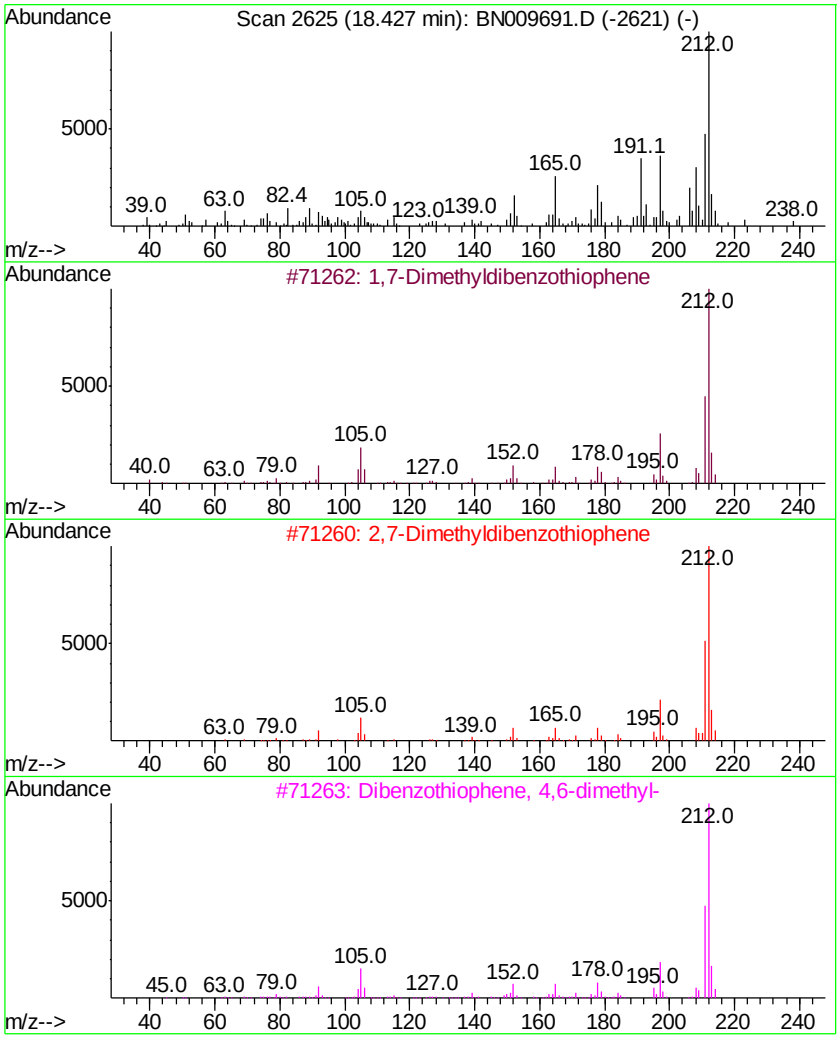
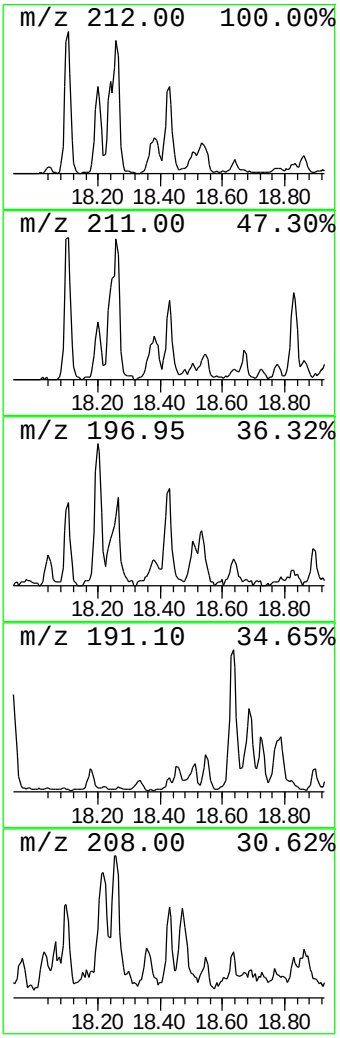
Peak Number 18 1,7-Dimethyldibenzothiophene Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.43	3.31 ng/ul	256272	Phenanthrene-d10	16.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,7-Dimethyldibenzothiophene	212	C14H12S	089816-53-5	92
2	2,7-Dimethyldibenzothiophene	212	C14H12S	031317-19-8	89
3	Dibenzothiophene, 4,6-dimethyl-	212	C14H12S	001207-12-1	86
4	2,6-Dimethyldibenzothiophene	212	C14H12S	089816-75-1	70
5	Naphtho[2,3-b]thiophene, 4,9-dim...	212	C14H12S	016587-34-1	64





Library Search Compound Report

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Data File : BN009691.D
Acq On : 10 Feb 2020 18:36
Operator : CG/JU
Sample : L1324-14ME
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT69ME

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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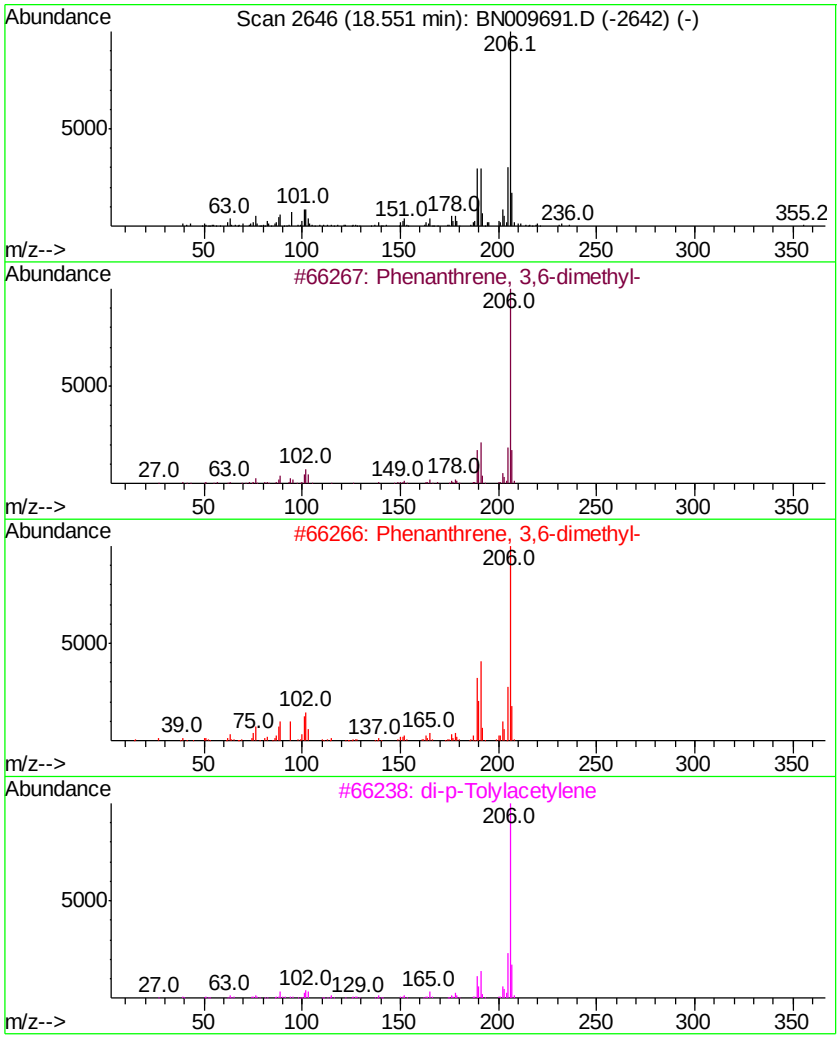
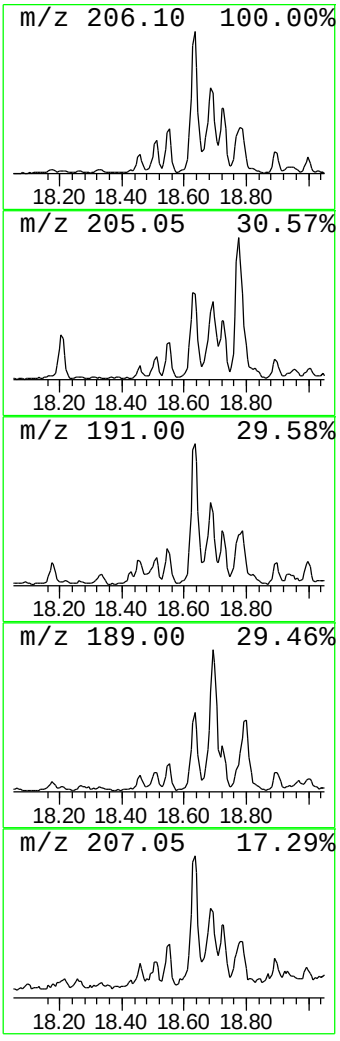
Peak Number 19 Phenanthrene, 3,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.55	4.96 ng/ul	383741	Phenanthrene-d10	16.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90





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Acq On : 10 Feb 2020 18:36
Operator : CG/JU
Sample : L1324-14ME
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT69ME

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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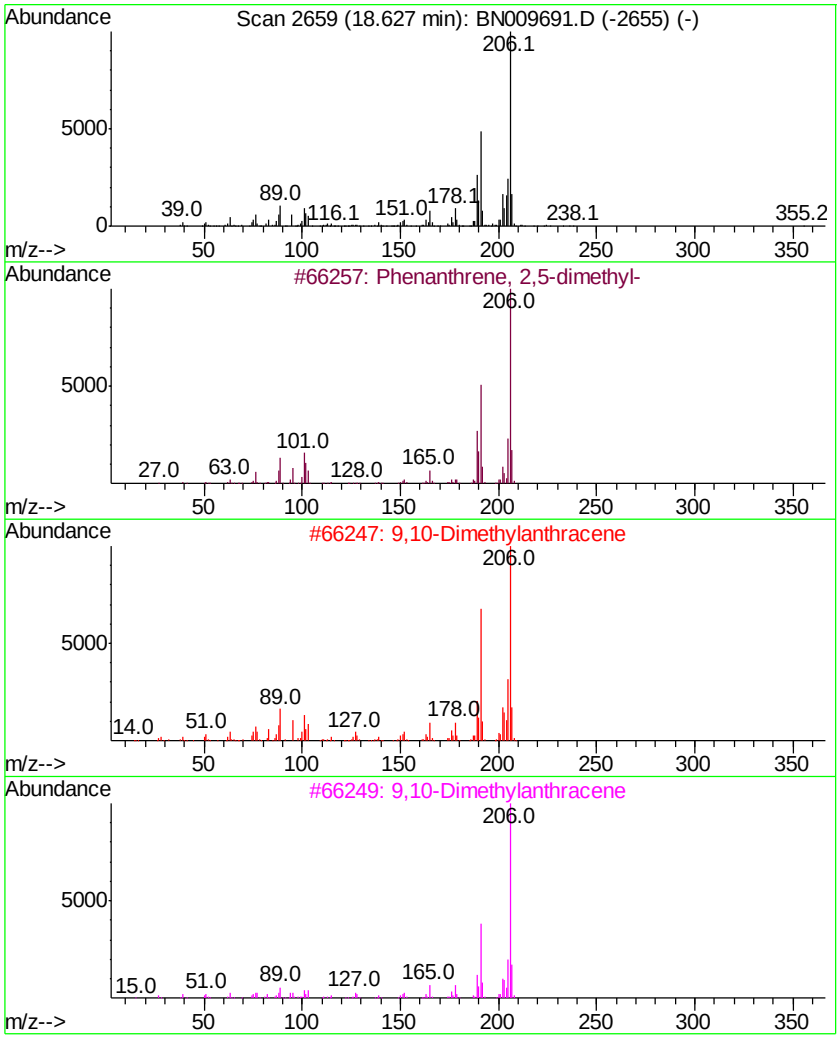
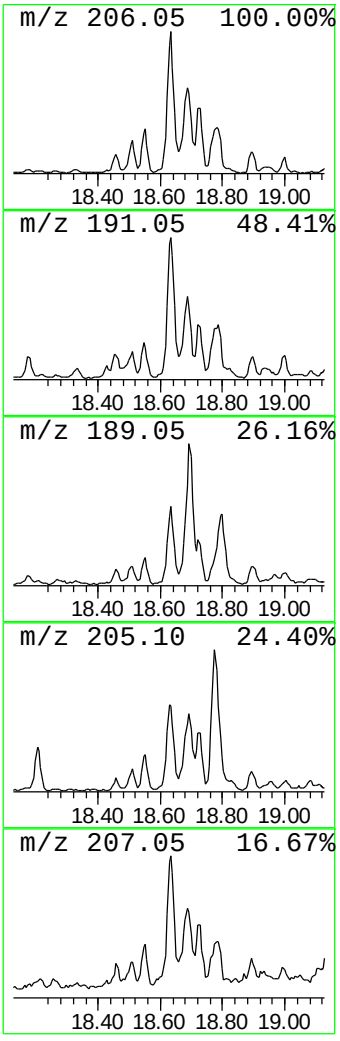
Peak Number 20 Phenanthrene, 2,5-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.63	17.09 ng/ul	1322130	Phenanthrene-d10	16.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	97
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93





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Acq On : 10 Feb 2020 18:36
Operator : CG/JU
Sample : L1324-14ME
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT69ME

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Quant Title : SVOA CALIBRATION

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

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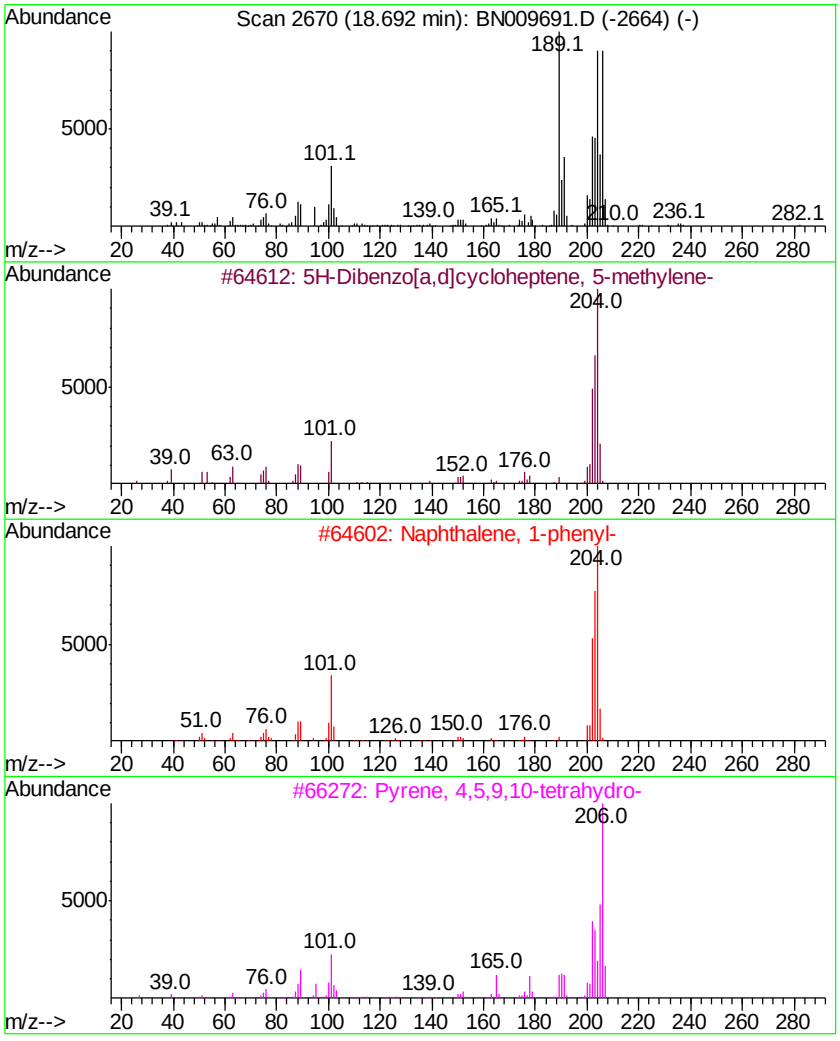
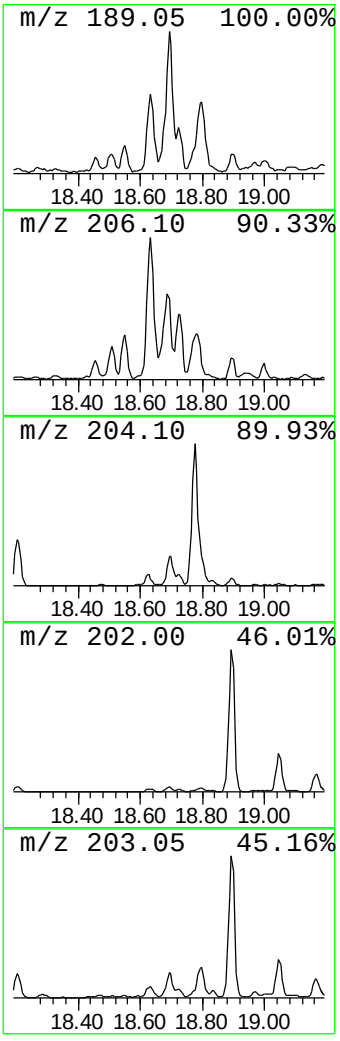
Peak Number 21 5H-Dibenzo[a,d]cycloheptene... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.69	15.27 ng/ul	1181060	Phenanthrene-d10	16.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	51
2	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	44
3	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	42
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	42
5	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	41





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Acq On : 10 Feb 2020 18:36
Operator : CG/JU
Sample : L1324-14ME
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT69ME

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Quant Title : SVOA CALIBRATION

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

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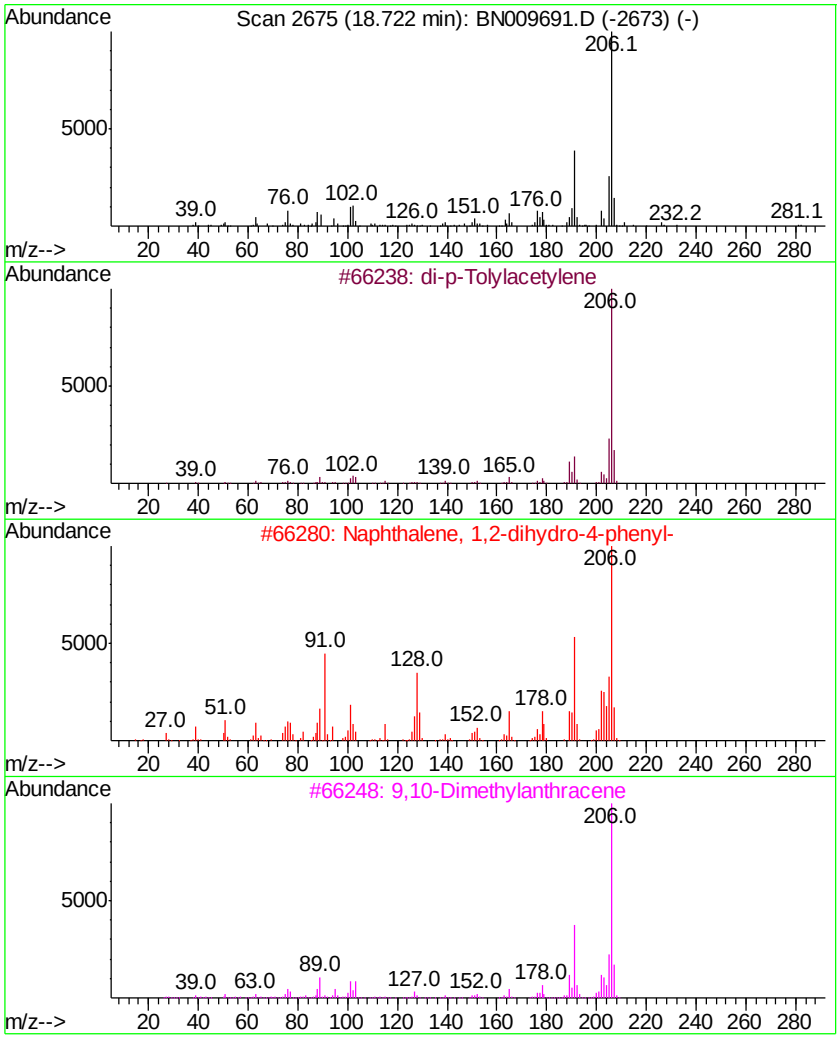
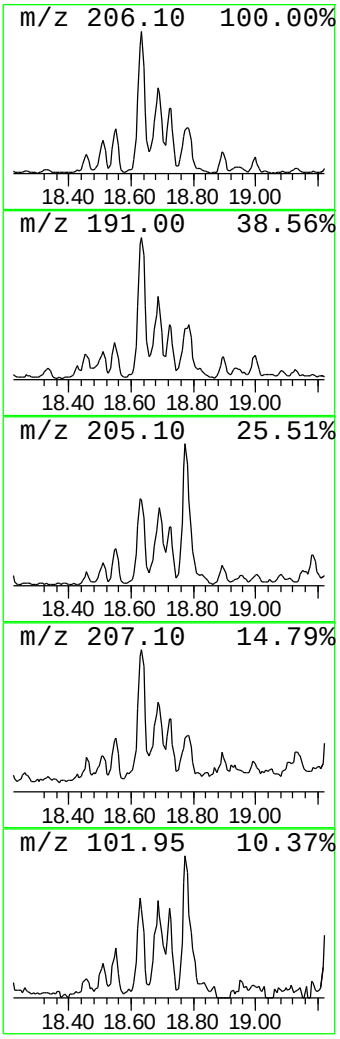
Peak Number 22 di-p-Tolylacetylene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.72	6.42 ng/ul	496437	Phenanthrene-d10	16.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	90
2	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	87
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	87
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	87





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Sample : L1324-14ME
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT69ME

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Quant Title : SVOA CALIBRATION

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

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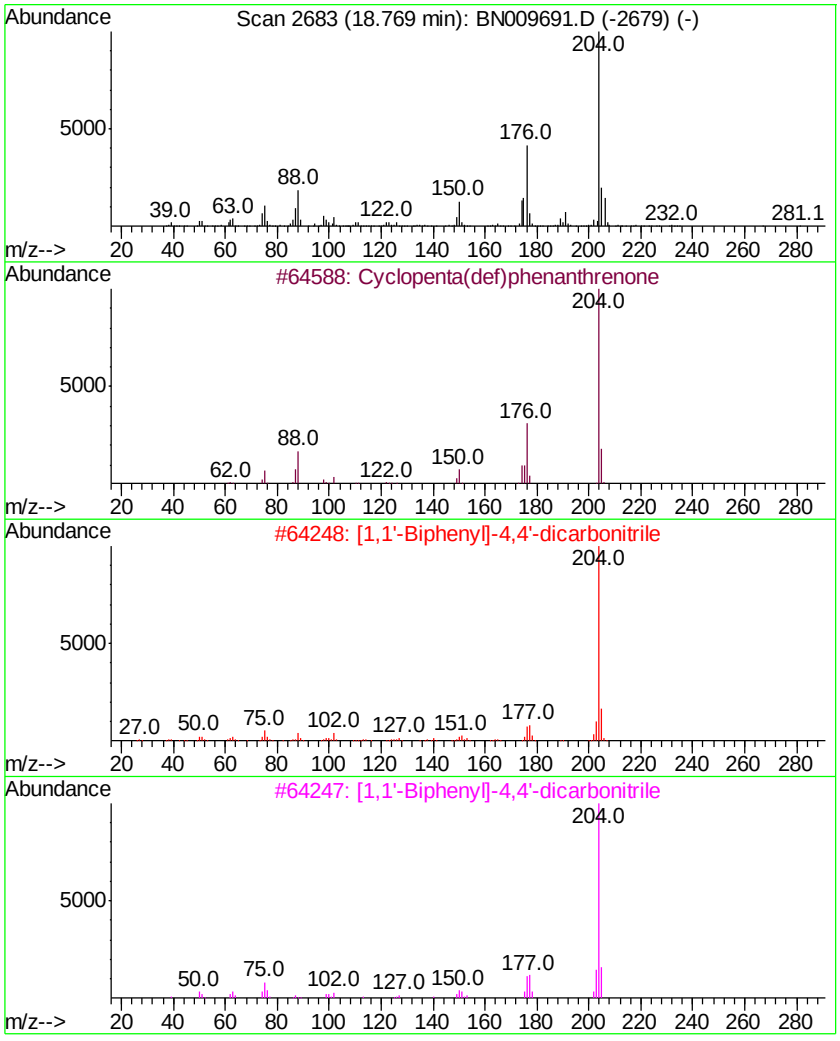
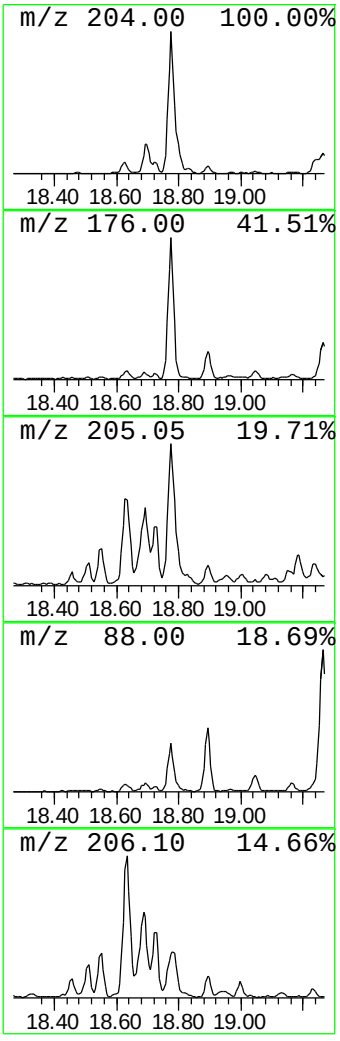
Peak Number 23 Cyclopenta(def)phenanthrenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.77	33.69 ng/ul	2605930	Phenanthrene-d10	16.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	52
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	49
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	47
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	45





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Sample : L1324-14ME
Misc :
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Instrument : BNA_N
ClientSampleId : GAT69ME

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Quant Title : SVOA CALIBRATION

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

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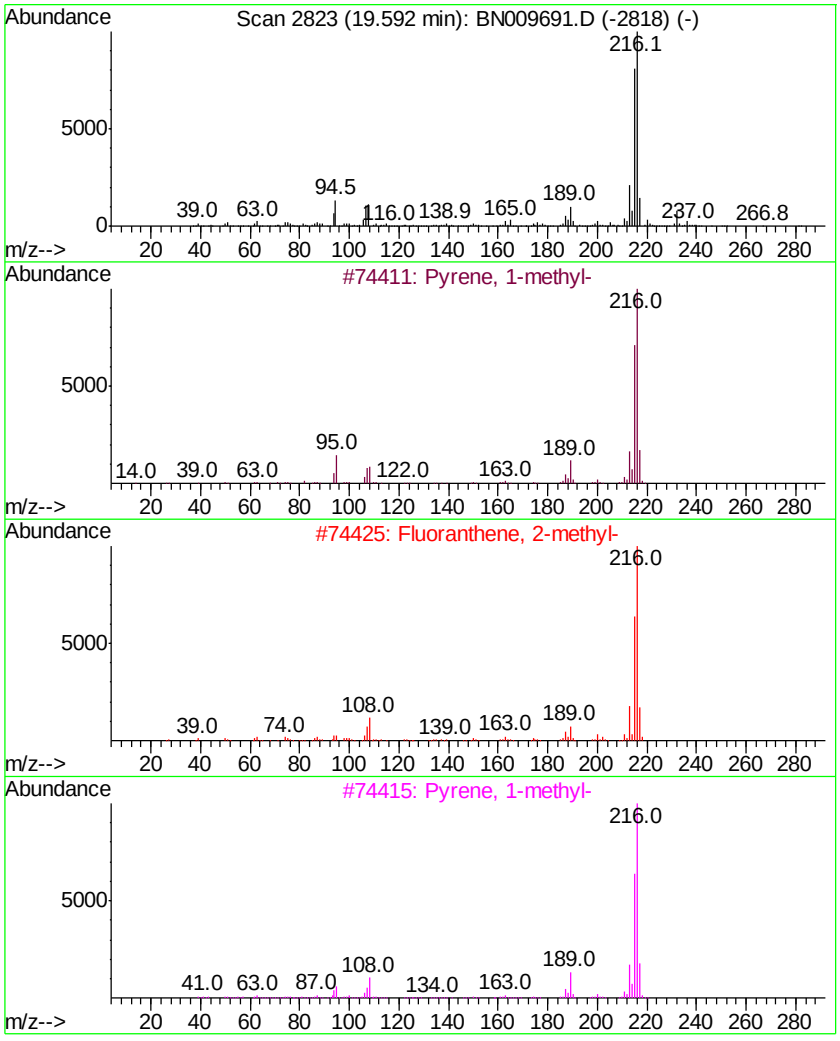
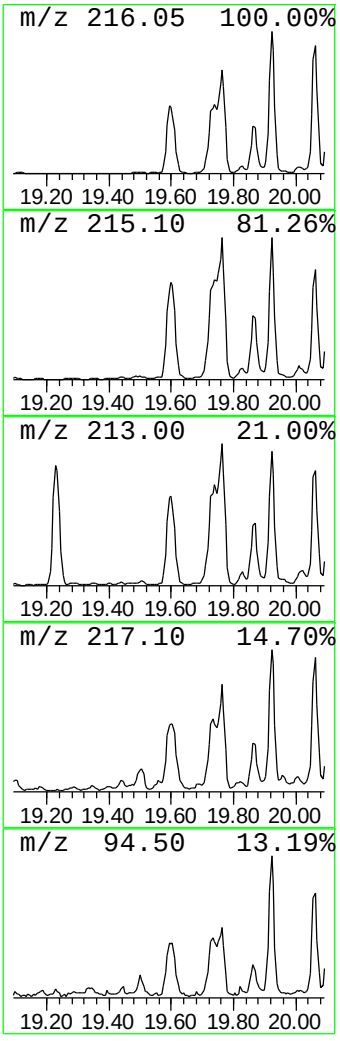
Peak Number 25 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.59	5.18 ng/ul	2155510	Chrysene-d12	21.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91





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Sample : L1324-14ME
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT69ME

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Quant Title : SVOA CALIBRATION

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

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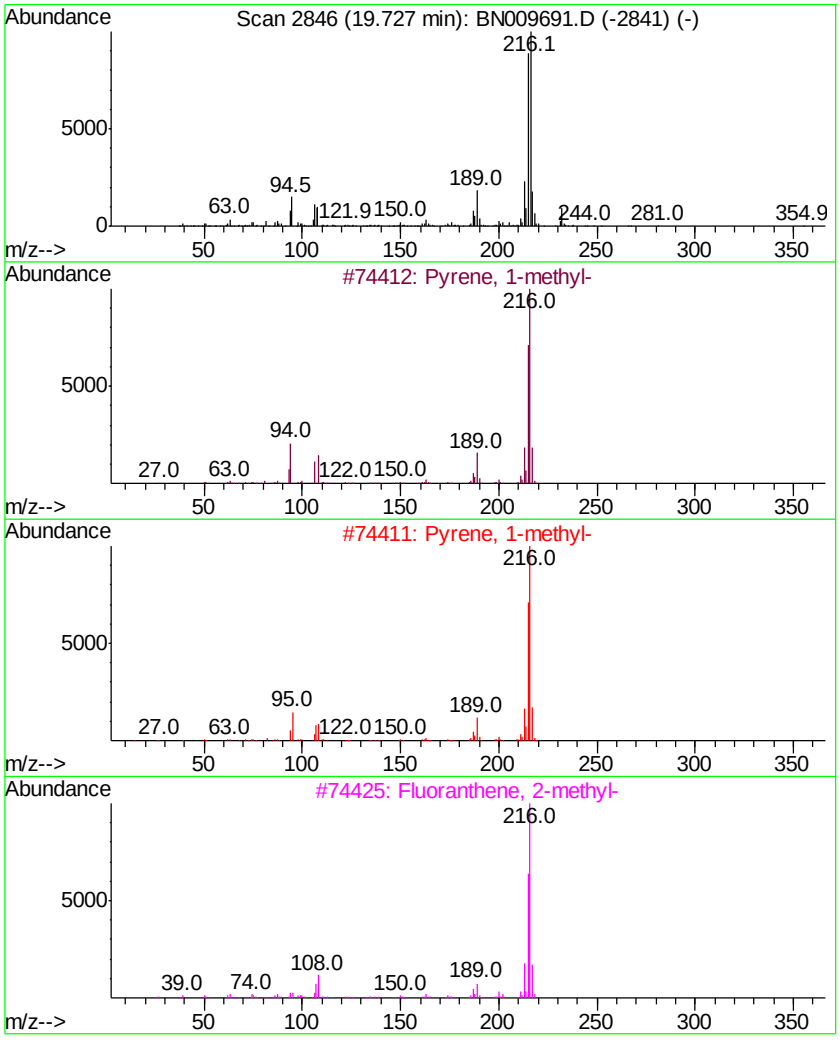
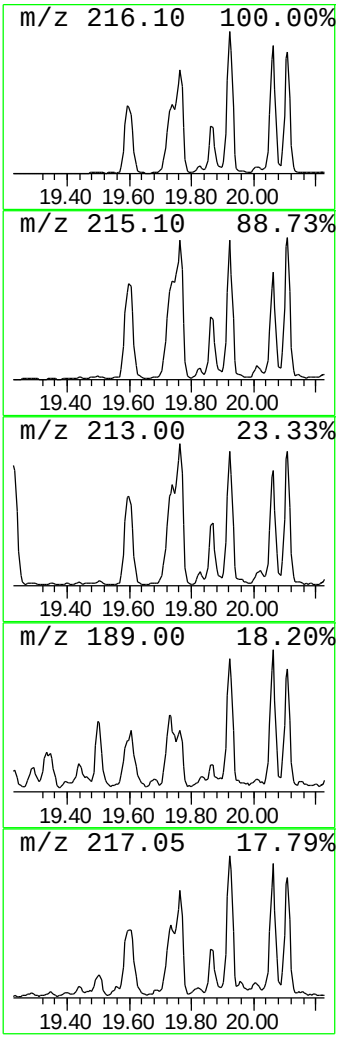
Peak Number 26 Fluoranthene, 2-methyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.73	4.33 ng/ul	1803490	Chrysene-d12	21.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90





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Misc :
ALS Vial : 14 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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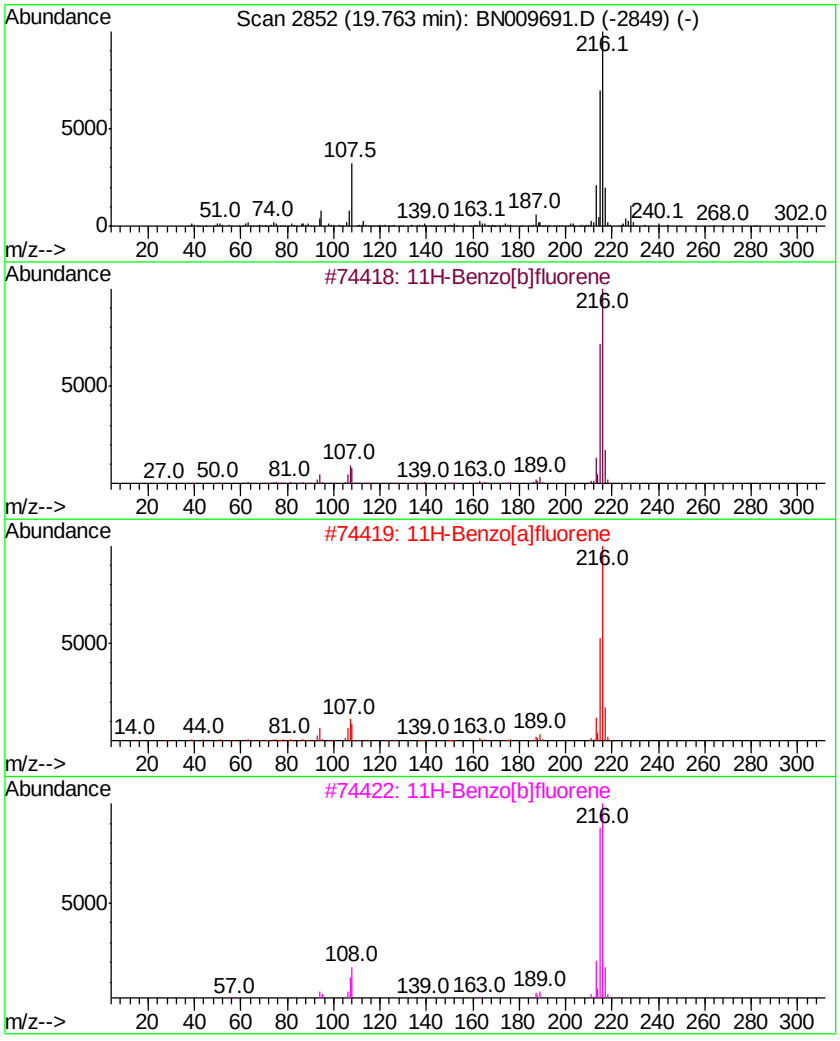
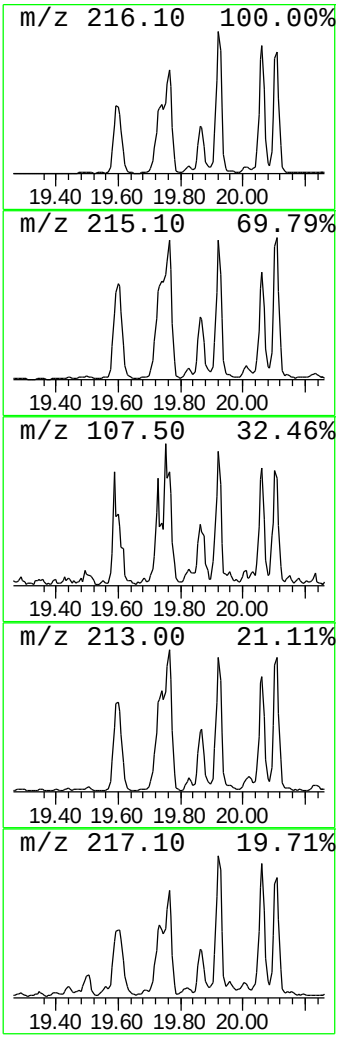
Peak Number 27 11H-Benzo[b]fluorene Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.76	4.70 ng/ul	1957890	Chrysene-d12	21.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	76
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	72
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	70





Library Search Compound Report

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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT69ME

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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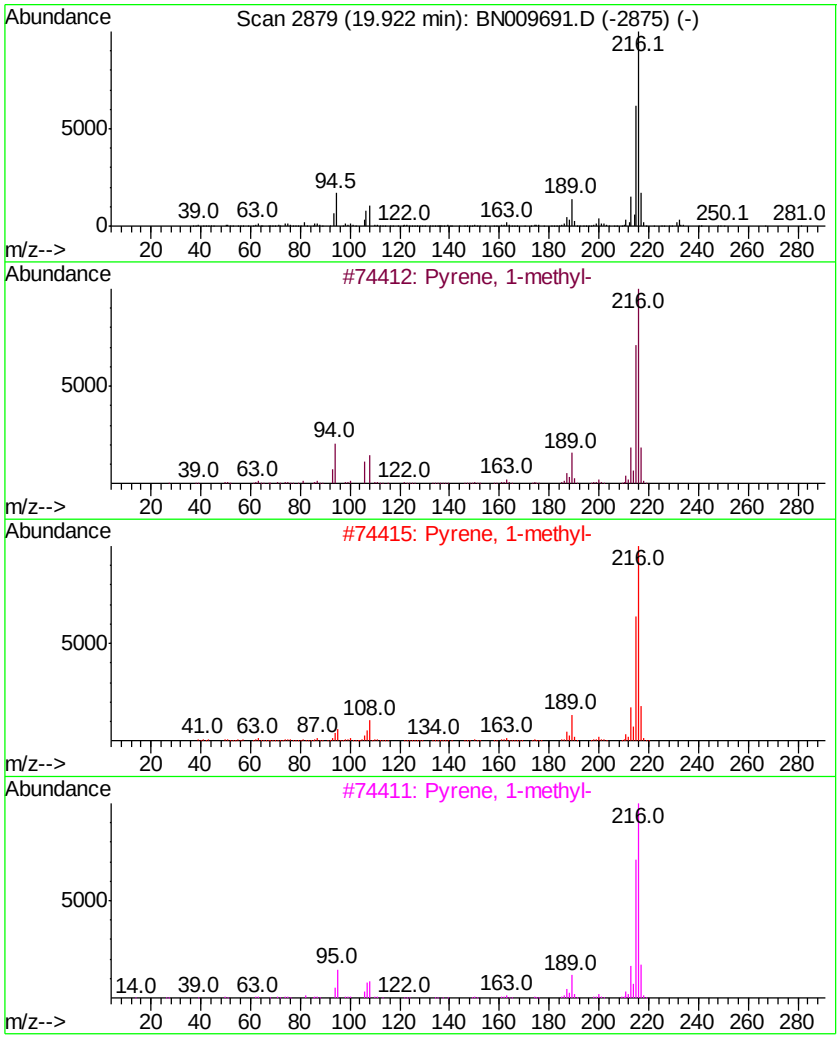
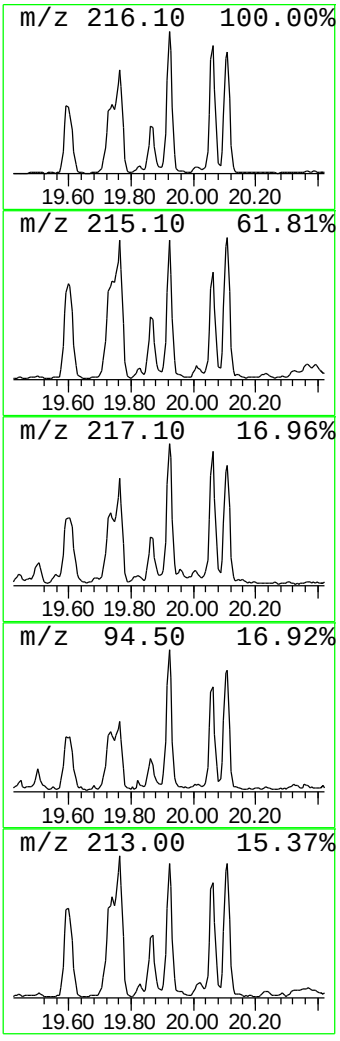
Peak Number 28 Pyrene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.92	4.87 ng/ul	2029210	Chrysene-d12	21.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	95
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94





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Data File : BN009691.D
Acq On : 10 Feb 2020 18:36
Operator : CG/JU
Sample : L1324-14ME
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT69ME

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Quant Title : SVOA CALIBRATION

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

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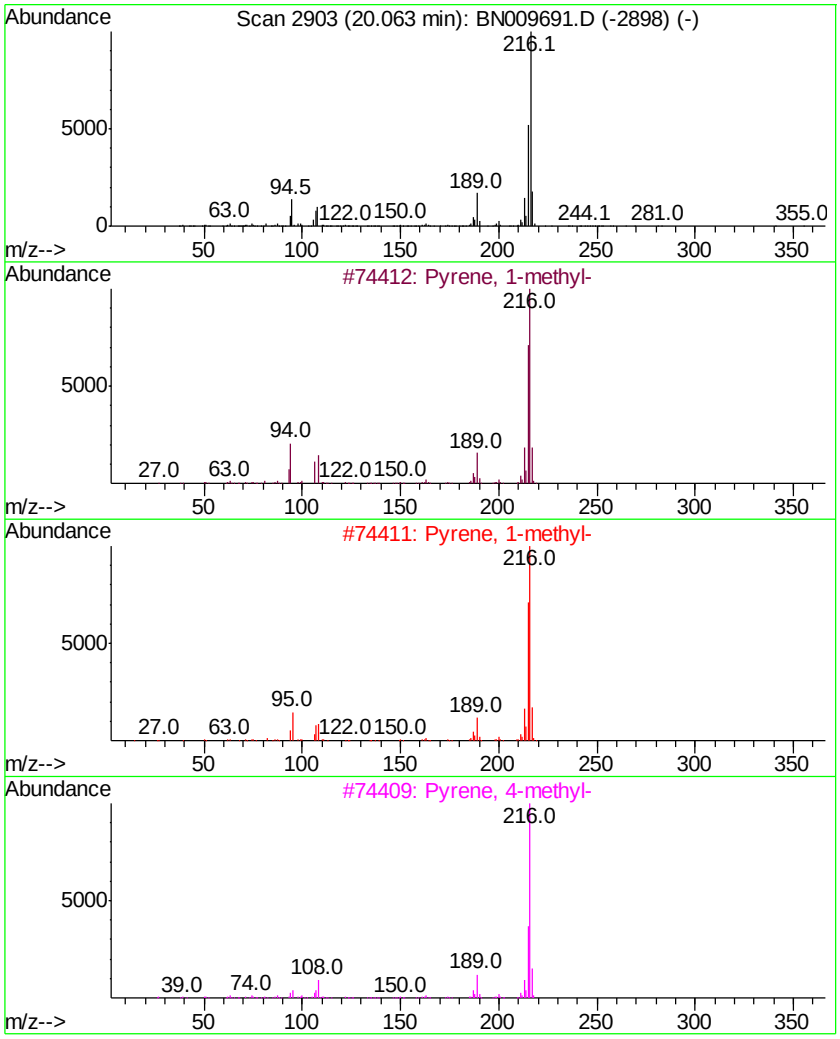
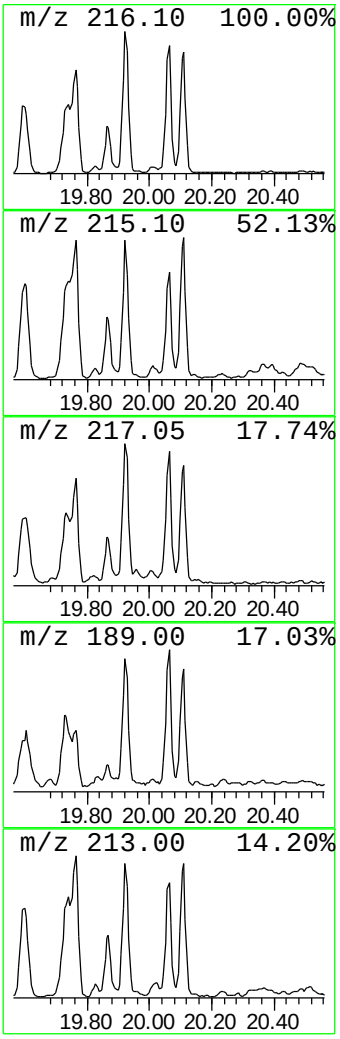
Peak Number 29 Pyrene, 4-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.06	4.37 ng/ul	1818860	Chrysene-d12	21.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	94
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91





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Data File : BN009691.D
Acq On : 10 Feb 2020 18:36
Operator : CG/JU
Sample : L1324-14ME
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT69ME

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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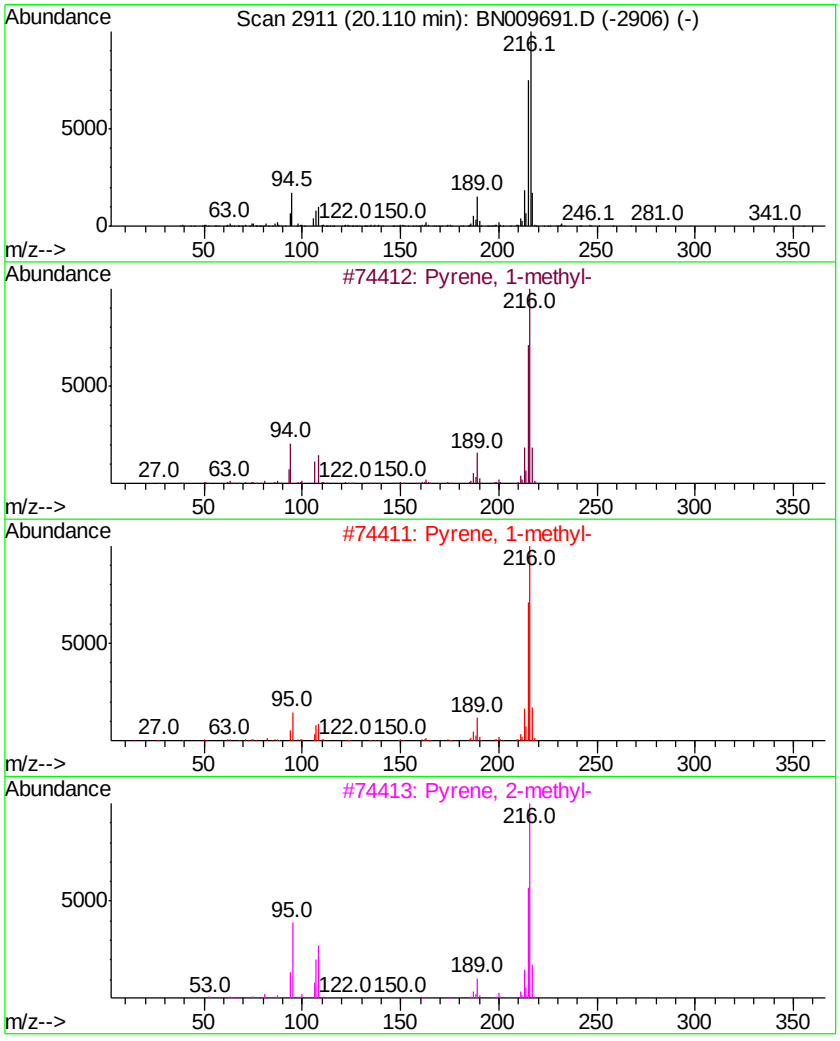
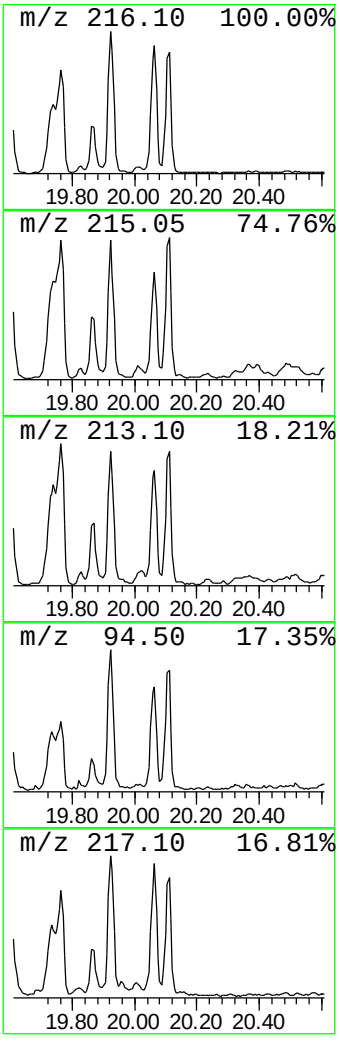
Peak Number 30 11H-Benzo[a]fluorene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.11	4.70 ng/ul	1958220	Chrysene-d12	21.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	95
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	95
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021020\
Data File : BN009691.D
Acq On : 10 Feb 2020 18:36
Operator : CG/JU
Sample : L1324-14ME
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT69ME

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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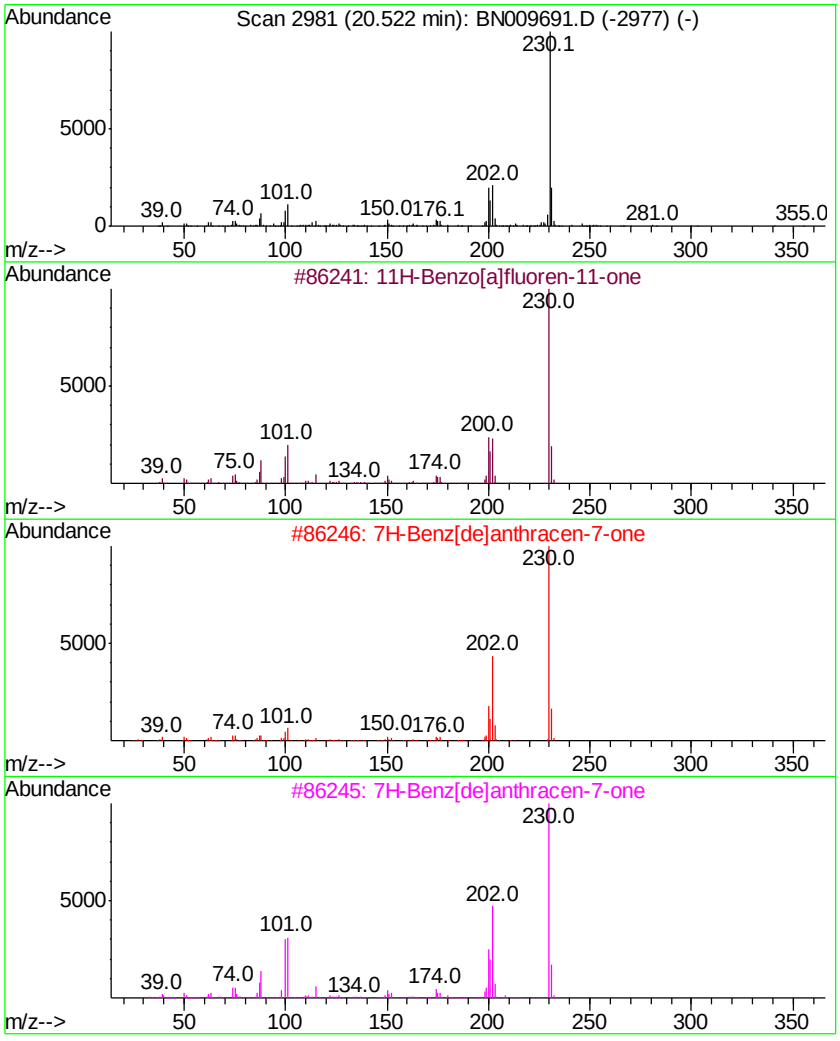
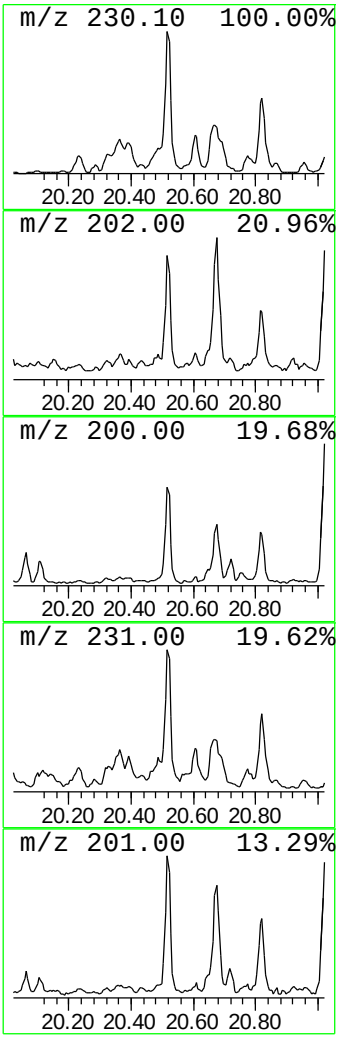
Peak Number 31 11H-Benzo[a]fluoren-11-one Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.52	2.48 ng/ul	1033240	Chrysene-d12	21.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
4	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	87
5	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	78





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021020\
Data File : BN009691.D
Acq On : 10 Feb 2020 18:36
Operator : CG/JU
Sample : L1324-14ME
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT69ME

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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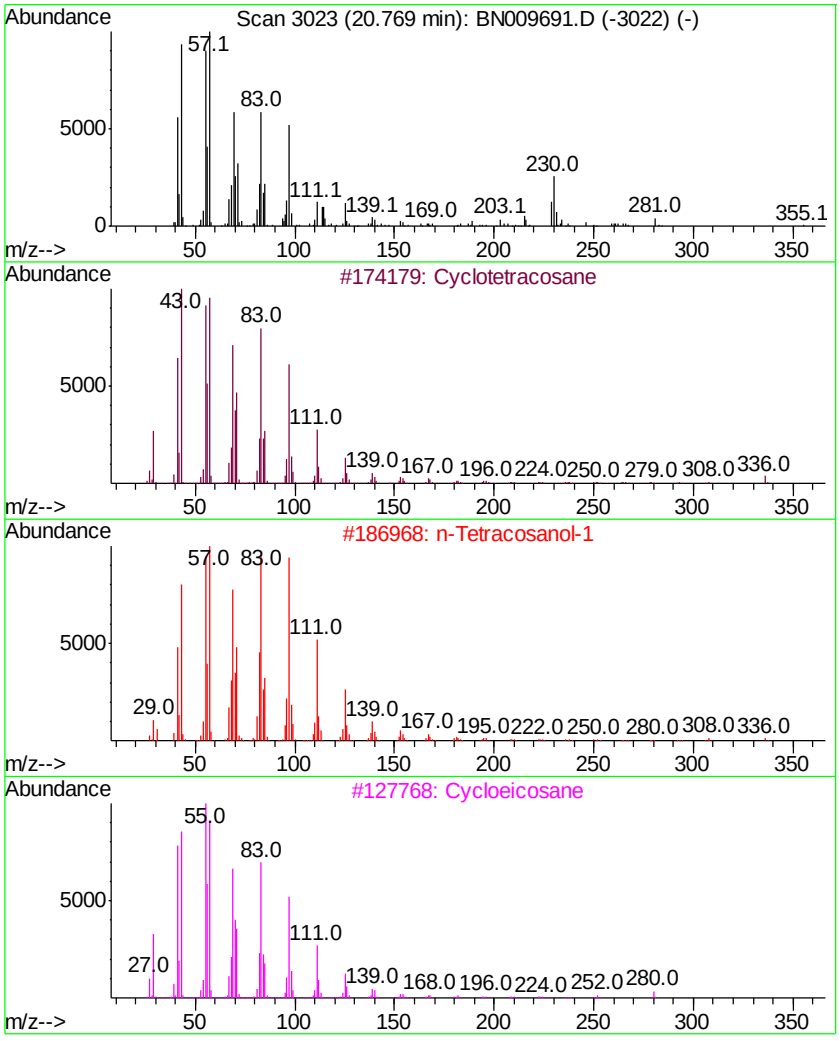
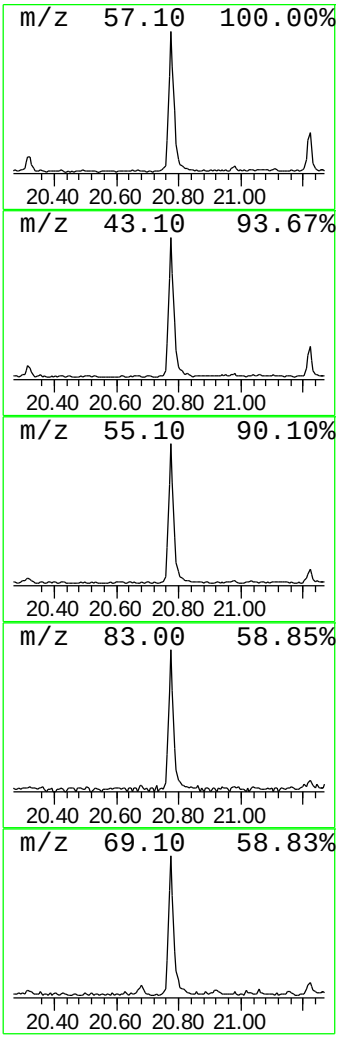
Peak Number 34 (DEL) Alkane: Cyclic20.77 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.77	2.58 ng/ul	1076110	Chrysene-d12	21.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	81
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	81
3	Cycloeicosane	280	C20H40	000296-56-0	76
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	76
5	Octacosanol	410	C28H58O	000557-61-9	74





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021020\
Data File : BN009691.D
Acq On : 10 Feb 2020 18:36
Operator : CG/JU
Sample : L1324-14ME
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT69ME

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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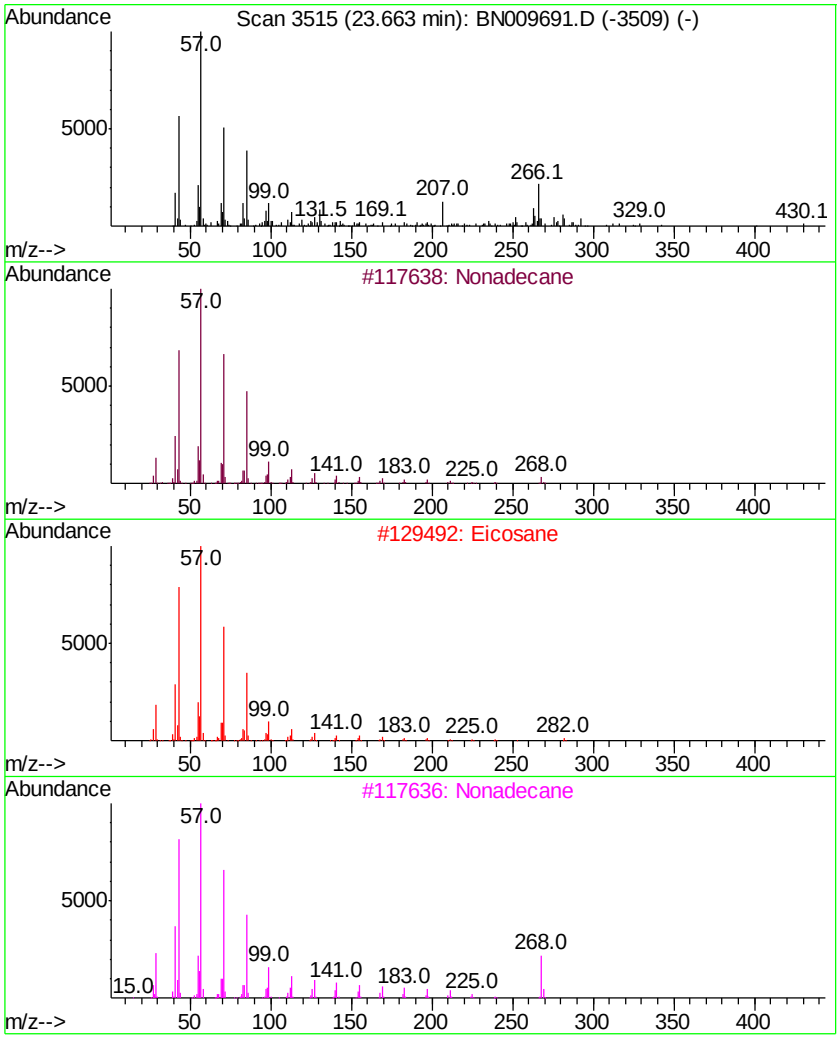
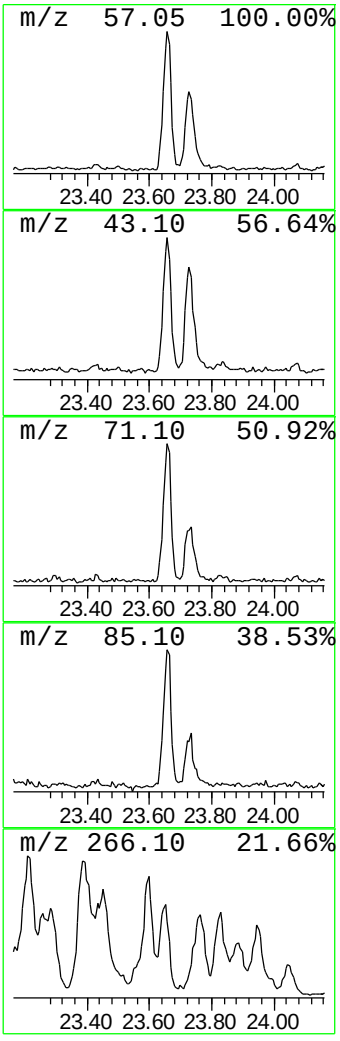
Peak Number 40 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.66	6.32 ng/ul	523298	Perylene-d12	23.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	Eicosane	282	C20H42	000112-95-8	51
3	Nonadecane	268	C19H40	000629-92-5	42
4	Pentadecane	212	C15H32	000629-62-9	42
5	Hexacosane	366	C26H54	000630-01-3	42





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021020\
Data File : BN009691.D
Acq On : 10 Feb 2020 18:36
Operator : CG/JU
Sample : L1324-14ME
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT69ME

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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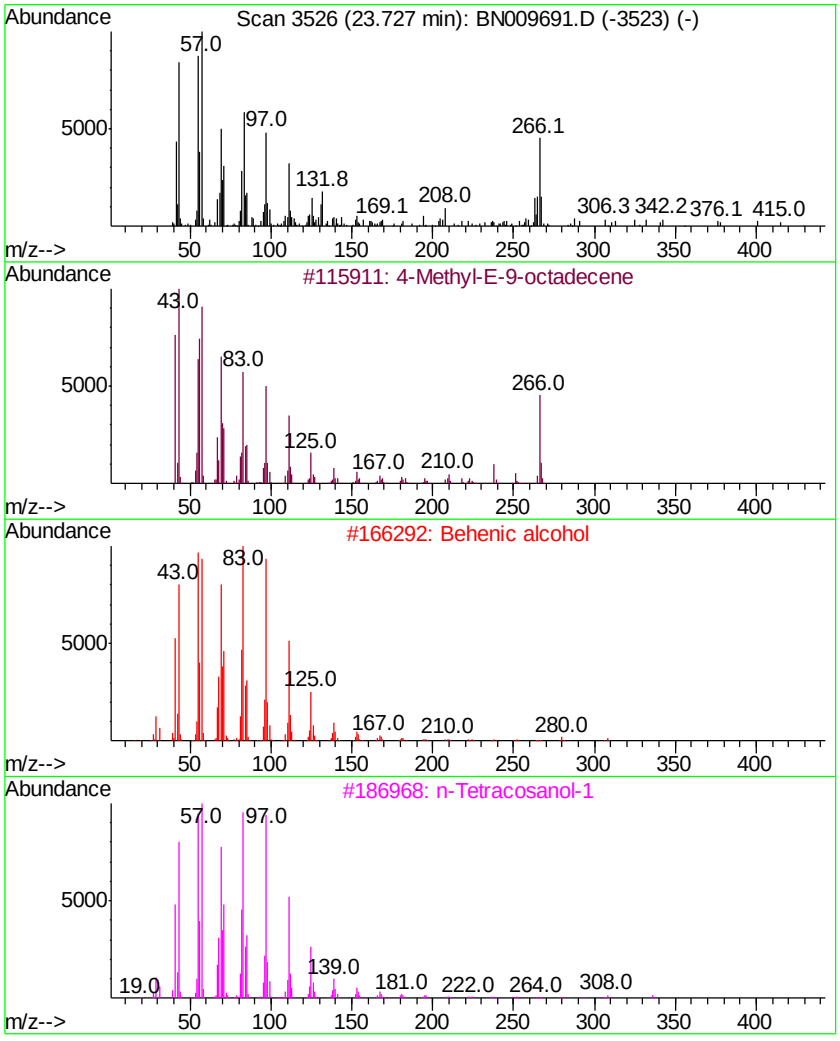
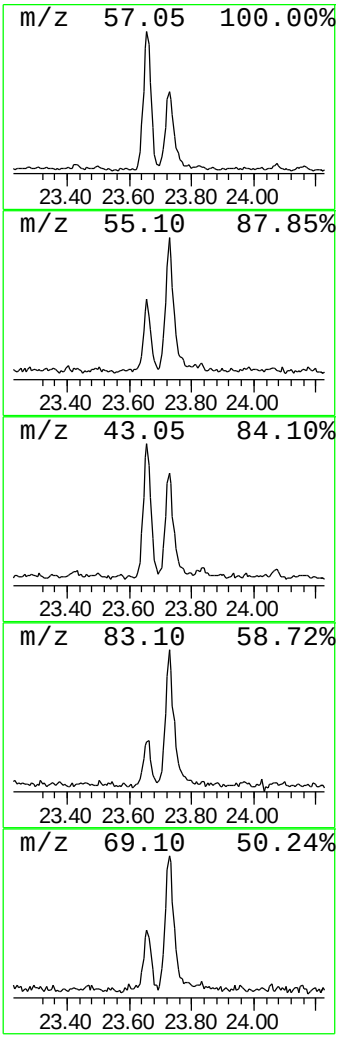
Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.73	3.27 ng/ul	270325	Perylene-d12	23.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methyl-E-9-octadecene	266	C19H38	1000130-87-1	83
2	Behenic alcohol	326	C22H46O	000661-19-8	70
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	70
4	1-Octadecanol	270	C18H38O	000112-92-5	64
5	Cyclotetracosane	336	C24H48	000297-03-0	60





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN021020\
Data File : BN009691.D
Acq On : 10 Feb 2020 18:36
Operator : CG/JU
Sample : L1324-14ME
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT69ME

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
1H-Inden-1-one, 2...	11.58	4.4	ng/ul	236374	2	10.18	1076320	20.0
Naphthalene, 1-me...	11.70	5.2	ng/ul	280388	2	10.18	1076320	20.0
Naphthalene, 1,6,...	14.69	3.8	ng/ul	267076	3	14.06	1426140	20.0
1H-Phenalene	14.95	3.3	ng/ul	233326	3	14.06	1426140	20.0
1(2H)-Acenaphthyl...	15.81	3.0	ng/ul	230202	4	16.82	1546910	20.0
3,5,3',5'-Tetrame...	17.02	3.9	ng/ul	300704	4	16.82	1546910	20.0
Dibenzo[a,e]cyclo...	17.35	4.7	ng/ul	364317	4	16.82	1546910	20.0
1-Methyldibenzoth...	17.40	3.1	ng/ul	237733	4	16.82	1546910	20.0
unknown-01	17.52	9.0	ng/ul	693402	4	16.82	1546910	20.0
Anthracene, 1-met...	17.70	4.1	ng/ul	317641	4	16.82	1546910	20.0
Phenanthrene, 2-m...	17.75	6.5	ng/ul	499835	4	16.82	1546910	20.0
Phenanthrene, 1-m...	17.83	4.9	ng/ul	379980	4	16.82	1546910	20.0
4H-Cyclopenta[def...	17.89	31.4	ng/ul	2427250	4	16.82	1546910	20.0
Anthracene, 9-met...	17.93	6.5	ng/ul	506304	4	16.82	1546910	20.0
Dibenzothiophene,...	18.10	3.1	ng/ul	241309	4	16.82	1546910	20.0
Tricyclo[8.2.2.2(...	18.20	11.2	ng/ul	862455	4	16.82	1546910	20.0
3,7-Dimethyldiben...	18.26	5.1	ng/ul	392398	4	16.82	1546910	20.0
1,7-Dimethyldiben...	18.43	3.3	ng/ul	256272	4	16.82	1546910	20.0
Phenanthrene, 3,6...	18.55	5.0	ng/ul	383741	4	16.82	1546910	20.0
Phenanthrene, 2,5...	18.63	17.1	ng/ul	1322130	4	16.82	1546910	20.0
5H-Dibenzo[a,d]cy...	18.69	15.3	ng/ul	1181060	4	16.82	1546910	20.0
di-p-Tolylacetylene	18.72	6.4	ng/ul	496437	4	16.82	1546910	20.0
Cyclopenta(def)ph...	18.77	33.7	ng/ul	2605930	4	16.82	1546910	20.0
Pyrene, 1-methyl-	19.59	5.2	ng/ul	2155510	5	21.04	8326290	20.0
Fluoranthene, 2-m...	19.73	4.3	ng/ul	1803490	5	21.04	8326290	20.0
11H-Benzo[b]fluorene	19.76	4.7	ng/ul	1957890	5	21.04	8326290	20.0
Pyrene, 2-methyl-	19.92	4.9	ng/ul	2029210	5	21.04	8326290	20.0
Pyrene, 4-methyl-	20.06	4.4	ng/ul	1818860	5	21.04	8326290	20.0
11H-Benzo[a]fluorene	20.11	4.7	ng/ul	1958220	5	21.04	8326290	20.0
11H-Benzo[a]fluor...	20.52	2.5	ng/ul	1033240	5	21.04	8326290	20.0
(DEL) Alkane: Cyc...	20.77	2.6	ng/ul	1076110	5	21.04	8326290	20.0
(DEL) Alkane: Str...	23.66	6.3	ng/ul	523298	6	23.14	1655170	20.0
(DEL) Alkane: Str...	23.73	3.3	ng/ul	270325	6	23.14	1655170	20.0