LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046301.D
Acq On : 17 Aug 2020 17:11
Operator : CG/JU
Sample : L3632-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM87

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_G\METHODS\SOM-EPA-BG081320PAH.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	3.138	4	8	23	rVB	1048690	1607570	34.74%	2.280%
2	7.103	676	683	699	rBV	268650	485302	10.49%	0.688%
3	7.268	704	711	721	rVV	191077	325024	7.02%	0.461%
4	7.474	739	746	754	rBV	274984	467802	10.11%	0.663%
5	7.938	818	825	833	rBV	212556	355482	7.68%	0.504%
6	8.643	938	945	955	rBV	361396	614202	13.27%	0.871%
7	9.089	1013	1021	1030	rBV	242169	429916	9.29%	0.610%
8	9.812	1137	1144	1153	rBV	206827	375342	8.11%	0.532%
9	10.358	1230	1237	1248	rBV	384063	678771	14.67%	0.963%
10	10.734	1293	1301	1307	rBV	317151	568573	12.29%	0.806%
11	10.864	1316	1323	1341	rBV	262982	506754	10.95%	0.719%
12	12.391	1576	1583	1591	rBV	50639	84582	1.83%	0.120%
13	12.615	1612	1621	1631	rVB	52299	90523	1.96%	0.128%
14	13.749	1805	1814	1822	rVB4	29391	73189	1.58%	0.104%
15	13.890	1829	1838	1843	rBV2	66869	118853	2.57%	0.169%
16	13.972	1843	1852	1856	rVV	764106	1158218	25.03%	1.643%
17	14.019	1856	1860	1866	rVB	233835	331110	7.15%	0.470%
18	14.260	1894	1901	1915	rBV	875542	1540961	33.30%	2.185%
19	14.565	1944	1953	1959	rBV	579049	933236	20.17%	1.324%
20	14.630	1959	1964	1971	rVB2	69099	114657	2.48%	0.163%
21	14.759	1980	1986	1998	rBV	276732	506499	10.94%	0.718%
22	14.965	2015	2021	2028	rVB	150284	240580	5.20%	0.341%
23	15.558	2115	2122	2127	rVV	1208240	1837314	39.70%	2.606%
24	15.611	2127	2131	2136	rVV	149665	225855	4.88%	0.320%
25	15.670	2136	2141	2150	rVV	354891	574233	12.41%	0.814%
26	15.911	2176	2182	2191	rVB	79462	144680	3.13%	0.205%
27	16.058	2201	2207	2215	rVB	80085	169545	3.66%	0.240%
28	16.622	2299	2303	2307	rVV2	36817	64181	1.39%	0.091%
29	16.845	2333	2341	2345	rBV4	51830	102425	2.21%	0.145%
30	16.962	2355	2361	2368	rVB	319207	509645	11.01%	0.723%
31	17.045	2368	2375	2382	rBV4	47898	133914	2.89%	0.190%
32	17.127	2385	2389	2398	rVB	152545	244670	5.29%	0.347%
33	17.309	2414	2420	2423	rBV	765024	1195474	25.83%	1.695%
34	17.350	2423	2427	2432	rVV	2594699	4032893	87.14%	5.720%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046301.D
Acq On : 17 Aug 2020 17:11
Operator : CG/JU
Sample : L3632-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM87

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_G\METHODS\SOM-EPA-BG081320PAH.M
Title : SVOA CALIBRATION

35	17.409	2432	2437	2441	rVV	1389399	2124582	45.91%	3.013%
36	17.444	2441	2443	2448	rVV	207388	227070	4.91%	0.322%
37	17.497	2448	2452	2458	rVB3	54499	89297	1.93%	0.127%
38	17.621	2470	2473	2478	rVB2	52333	72829	1.57%	0.103%
39	17.709	2478	2488	2492	rBV2	253035	480596	10.38%	0.682%
40	17.826	2500	2508	2514	rBV3	70432	122659	2.65%	0.174%
41	17.891	2514	2519	2528	rVB3	99886	161706	3.49%	0.229%
42	18.102	2551	2555	2559	rBV2	51908	75383	1.63%	0.107%
43	18.185	2563	2569	2572	rBV	384750	578745	12.51%	0.821%
44	18.232	2572	2577	2586	rVB	529026	891199	19.26%	1.264%
45	18.314	2586	2591	2595	rVB	64607	102315	2.21%	0.145%
46	18.378	2595	2602	2605	rBV2	406298	736382	15.91%	1.044%
47	18.414	2605	2608	2614	rVB	288010	402922	8.71%	0.571%
48	18.496	2615	2622	2625	rBV5	37776	92036	1.99%	0.131%
49	18.684	2649	2654	2656	rVV	306754	425969	9.20%	0.604%
50	18.719	2656	2660	2672	rVB	554166	843584	18.23%	1.196%
51	18.931	2692	2696	2700	rVB	85015	101022	2.18%	0.143%
52	18.978	2701	2704	2707	rVB	67924	78761	1.70%	0.112%
53	19.019	2707	2711	2715	rVB2	83621	117698	2.54%	0.167%
54	19.101	2719	2725	2729	rBV	274577	435359	9.41%	0.617%
55	19.160	2729	2735	2738	rVV3	76885	156171	3.37%	0.221%
56	19.189	2738	2740	2744	rVB	69908	77364	1.67%	0.110%
57	19.236	2744	2748	2757	rVB	333773	490006	10.59%	0.695%
58	19.366	2761	2770	2775	rVB	3091502	4627875	100.00%	6.563%
59	19.424	2776	2780	2783	rBV	67145	101054	2.18%	0.143%
60	19.460	2783	2786	2791	rVB2	90315	117997	2.55%	0.167%
61	19.507	2791	2794	2798	rBV	90986	114765	2.48%	0.163%
62	19.559	2798	2803	2806	rBV	128920	208318	4.50%	0.295%
63	19.601	2807	2810	2813	rVB	83980	99141	2.14%	0.141%
64	19.695	2820	2826	2828	rBV3	2038924	3092807	66.83%	4.386%
65	19.724	2828	2831	2838	rVV	2729827	3890821	84.07%	5.518%
66	19.794	2838	2843	2850	rVB2	165660	286258	6.19%	0.406%
67	19.900	2856	2861	2866	rBV	168276	263200	5.69%	0.373%
68	19.959	2866	2871	2878	rVB	190396	312247	6.75%	0.443%
69	20.041	2879	2885	2892	rBV2	246239	639638	13.82%	0.907%
70	20.182	2904	2909	2911	rBV4	160183	290260	6.27%	0.412%
71	20.212	2911	2914	2918	rVB	320523	417071	9.01%	0.592%

LSC Area Percent Report

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Data File : BG046301.D
Acq On : 17 Aug 2020 17:11
Operator : CG/JU
Sample : L3632-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM87

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_G\METHODS\SOM-EPA-BG081320PAH.M
Title : SVOA CALIBRATION

72	20.311	2927	2931	2935	rBV	119541	161069	3.48%	0.228%
73	20.370	2935	2941	2946	rVB3	317148	535145	11.56%	0.759%
74	20.453	2952	2955	2960	rBV2	61848	83791	1.81%	0.119%
75	20.511	2961	2965	2968	rVV	191245	246132	5.32%	0.349%
76	20.558	2969	2973	2977	rVB	174402	244623	5.29%	0.347%
77	20.670	2989	2992	2996	rVB3	67649	94381	2.04%	0.134%
78	20.964	3037	3042	3050	rVB	430217	667244	14.42%	0.946%
79	21.146	3066	3073	3076	rBV2	265222	602471	13.02%	0.854%
80	21.187	3076	3080	3083	rVV	279747	440595	9.52%	0.625%
81	21.222	3083	3086	3093	rVV3	595362	1159170	25.05%	1.644%
82	21.287	3093	3097	3108	rVB	406737	727786	15.73%	1.032%
83	21.545	3135	3141	3147	rBV3	1352440	3399885	73.47%	4.822%
84	21.604	3147	3151	3162	rVB	1342555	2255620	48.74%	3.199%
85	21.769	3173	3179	3181	rBV3	125174	248030	5.36%	0.352%
86	21.804	3182	3185	3195	rVB4	156402	318658	6.89%	0.452%
87	21.945	3205	3209	3216	rBV3	171560	344545	7.44%	0.489%
88	22.262	3256	3263	3269	rVB	210648	470910	10.18%	0.668%
89	22.339	3271	3276	3286	rBV4	232271	620746	13.41%	0.880%
90	22.527	3305	3308	3312	rVB2	91094	121531	2.63%	0.172%
91	23.690	3496	3506	3512	rBV2	961886	3121703	67.45%	4.427%
92	23.807	3521	3526	3530	rBV	118116	212580	4.59%	0.301%
93	23.854	3530	3534	3540	rVV3	140123	283944	6.14%	0.403%
94	23.925	3542	3546	3555	rVB	151167	320736	6.93%	0.455%
95	24.377	3616	3623	3629	rBV	484781	1260240	27.23%	1.787%
96	24.454	3629	3636	3641	rVV	895411	2233910	48.27%	3.168%
97	24.518	3641	3647	3659	rVB	777771	1962370	42.40%	2.783%
98	24.659	3663	3671	3678	rBV3	493444	1356012	29.30%	1.923%
99	28.167	4258	4268	4288	rVB2	369677	1731148	37.41%	2.455%
100	29.260	4445	4454	4468	rVB2	263501	1098465	23.74%	1.558%

Sum of corrected areas: 70510522

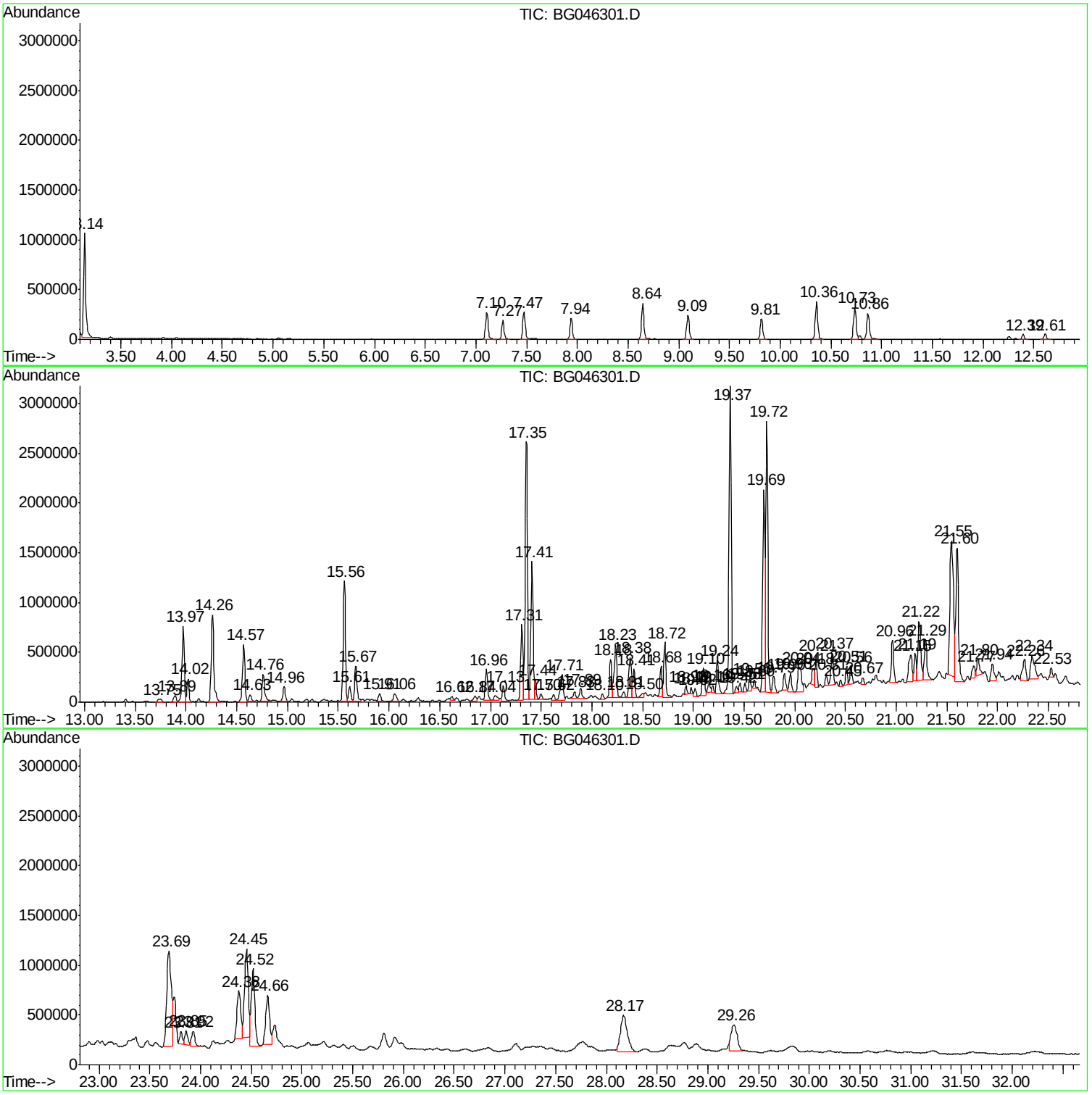
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046301.D
Acq On : 17 Aug 2020 17:11
Operator : CG/JU
Sample : L3632-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM87

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.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 G\DATA\BG081720\
Data File : BG046301.D
Acq On : 17 Aug 2020 17:11
Operator : CG/JU
Sample : L3632-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM87

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

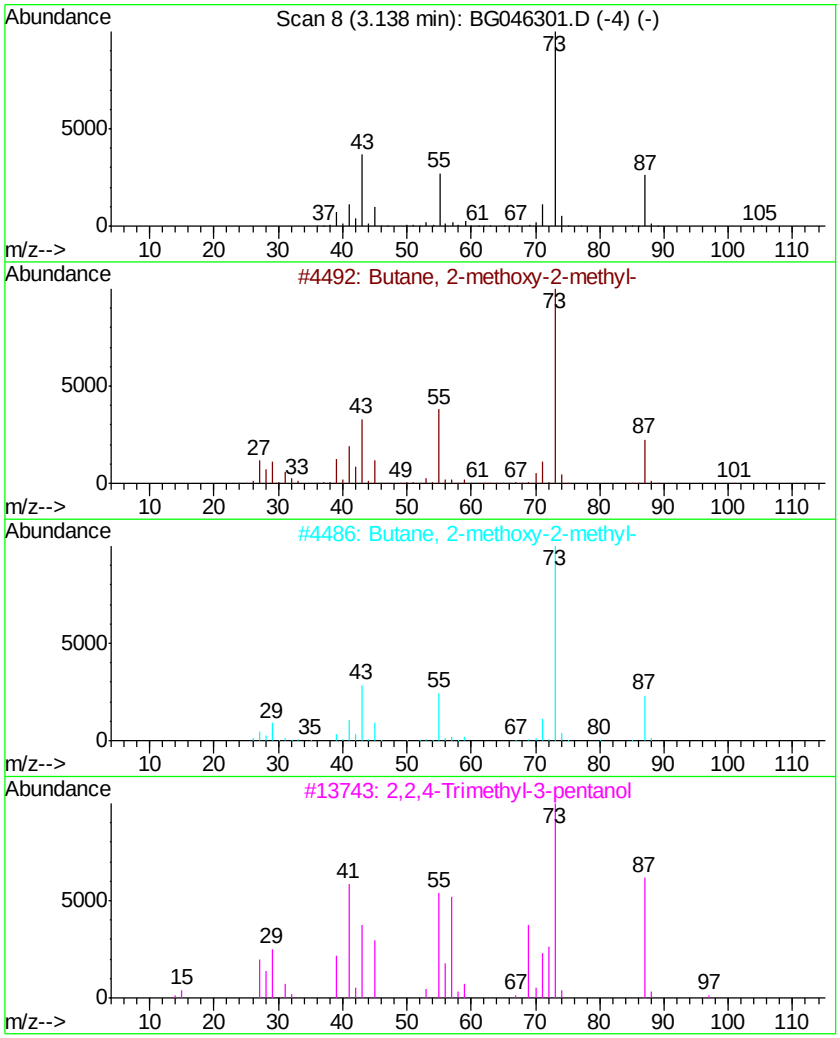
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

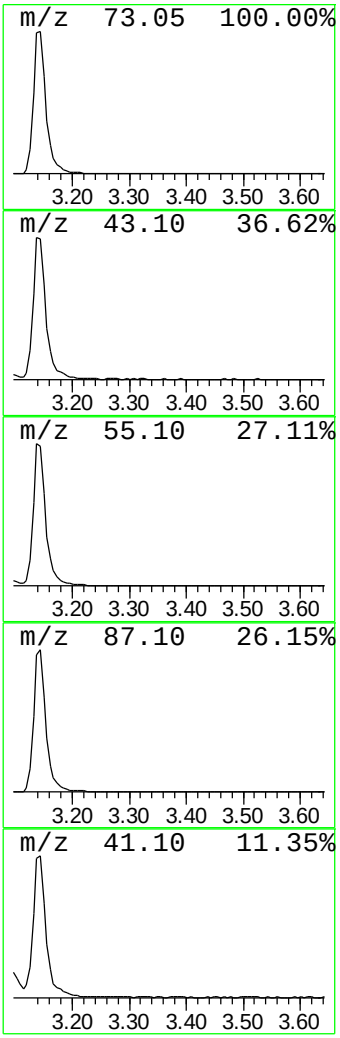
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.14	90.44 ng/ul	1607570	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	27





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046301.D
Acq On : 17 Aug 2020 17:11
Operator : CG/JU
Sample : L3632-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM87

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

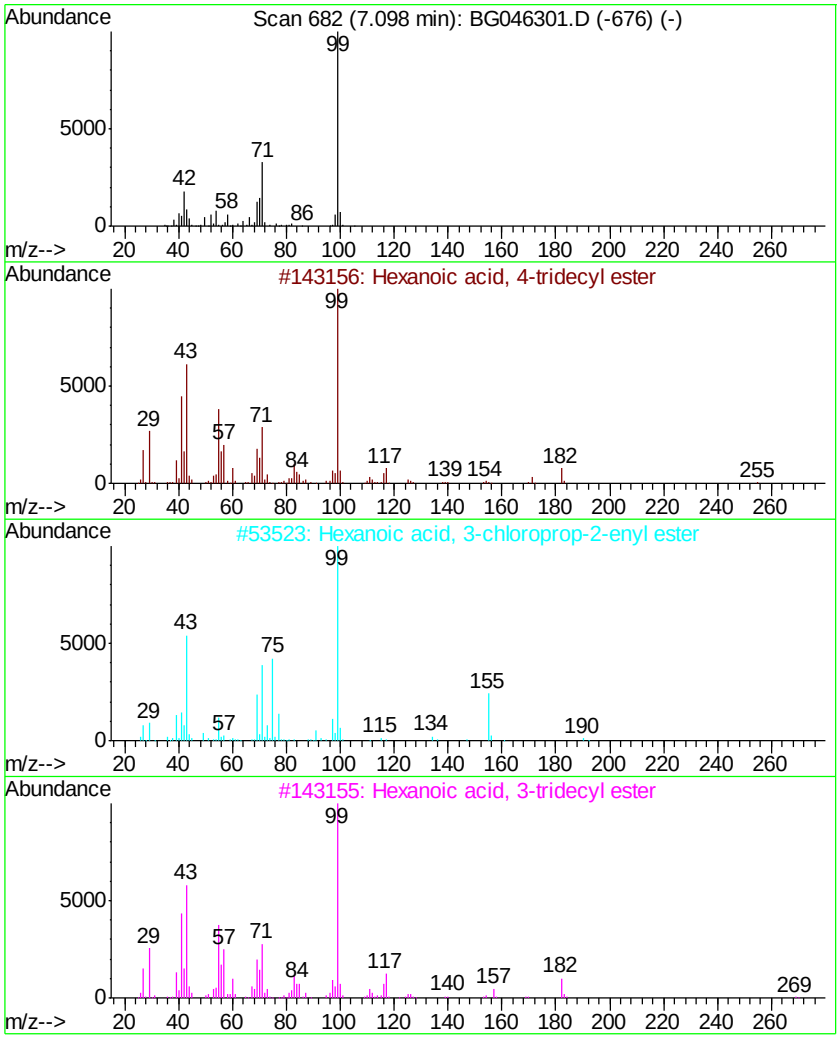
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

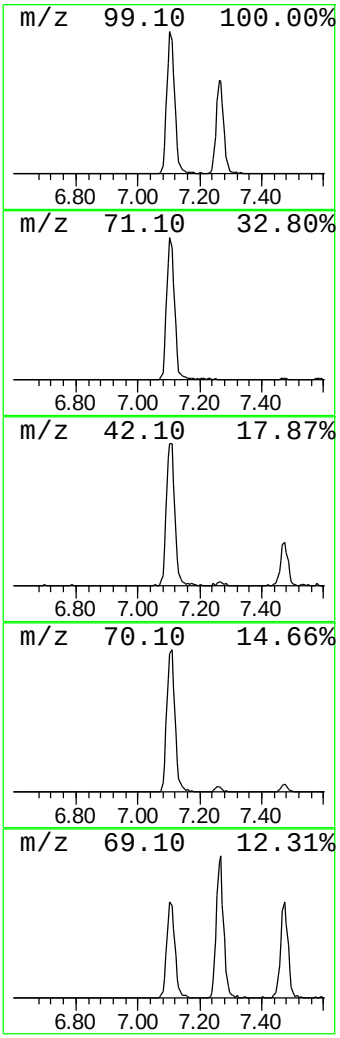
****

Peak Number 2 Hexanoic acid, 4-tridecyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	27.30 ng/ul	485302	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 4-tridecyl ester	298	C19H38O2	1000279-29-3	64
2	Hexanoic acid, 3-chloroprop-2-en...	190	C9H15ClO2	1000299-36-1	59
3	Hexanoic acid, 3-tridecyl ester	298	C19H38O2	1000279-29-2	56
4	Hexanoic acid, 5-tridecyl ester	298	C19H38O2	1000279-29-4	56
5	2(3H)-Furanone, 5-hexyldihydro-4...	184	C11H20O2	147254-33-9	56





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046301.D
Acq On : 17 Aug 2020 17:11
Operator : CG/JU
Sample : L3632-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM87

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

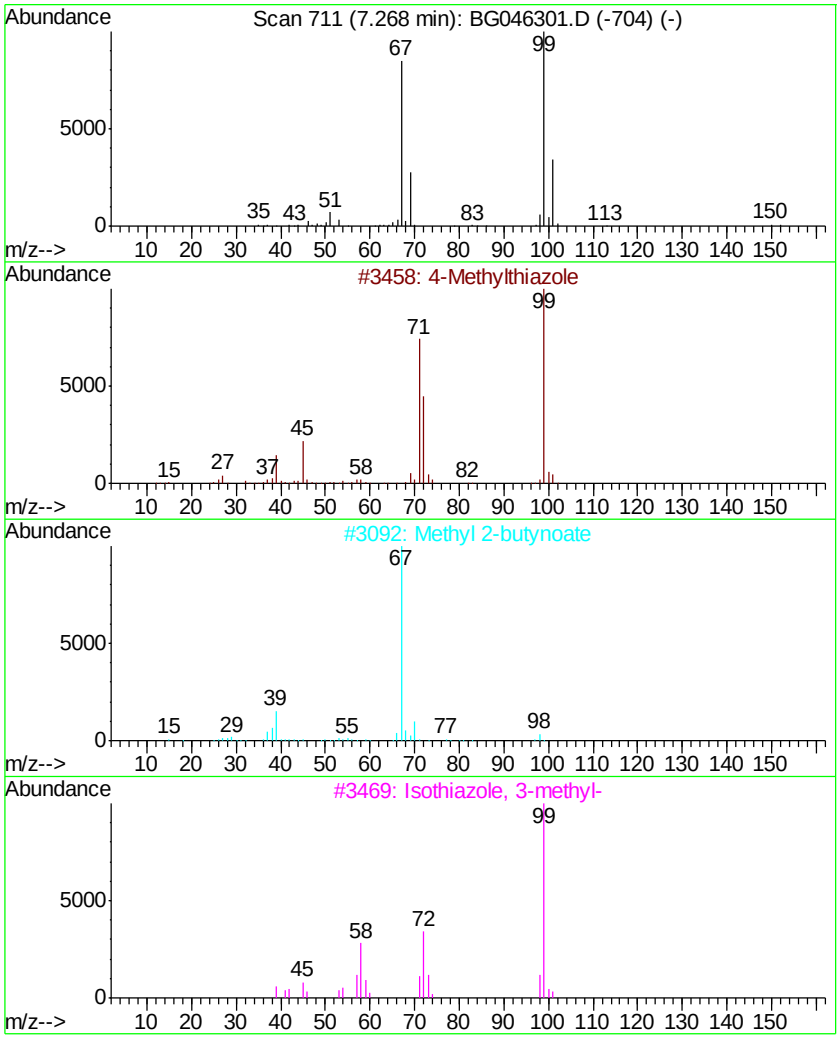
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

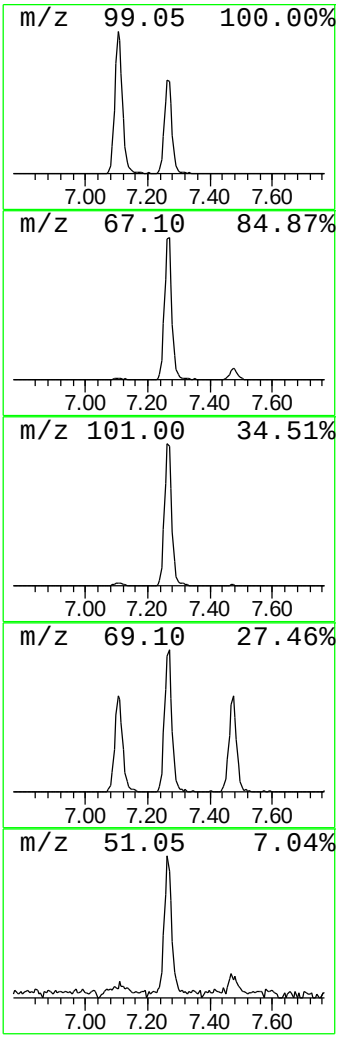
****

Peak Number 3 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.27	18.29 ng/ul	325024	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methylthiazole	99	C4H5NS	000693-95-8	9
2	Methyl 2-butynoate	98	C5H6O2	023326-27-4	9
3	Isothiazole, 3-methyl-	99	C4H5NS	000693-92-5	9
4	3,5-Diamino-1,2,4-triazole	99	C2H5N5	001455-77-2	9
5	1-Pentanamine, 5-(methylthio)-	133	C6H15NS	055021-78-8	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046301.D
Acq On : 17 Aug 2020 17:11
Operator : CG/JU
Sample : L3632-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM87

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

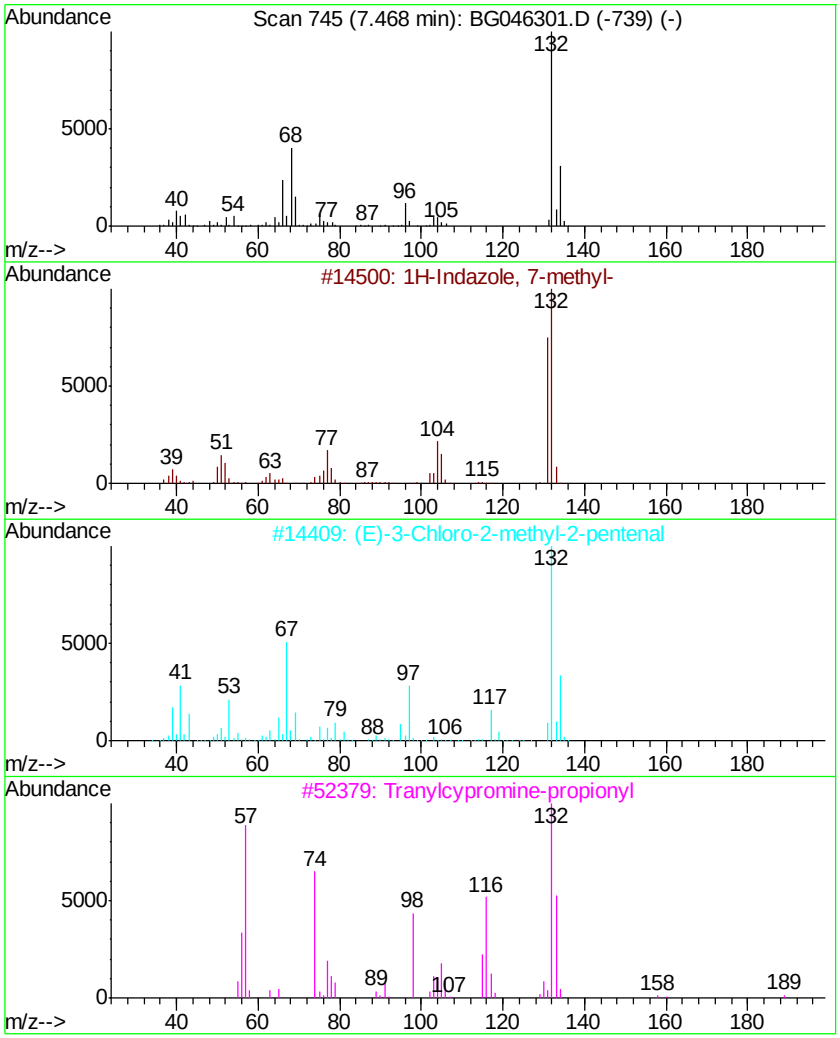
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

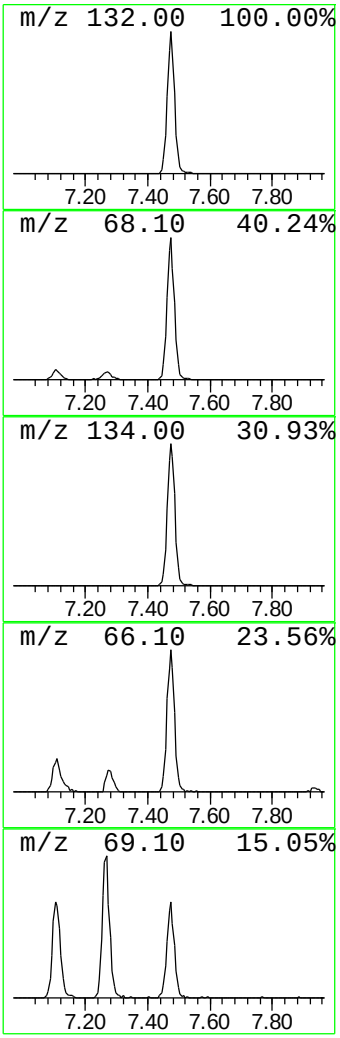
****

Peak Number 4 unknown-02 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	26.32 ng/ul	467802	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	25
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046301.D
Acq On : 17 Aug 2020 17:11
Operator : CG/JU
Sample : L3632-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM87

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

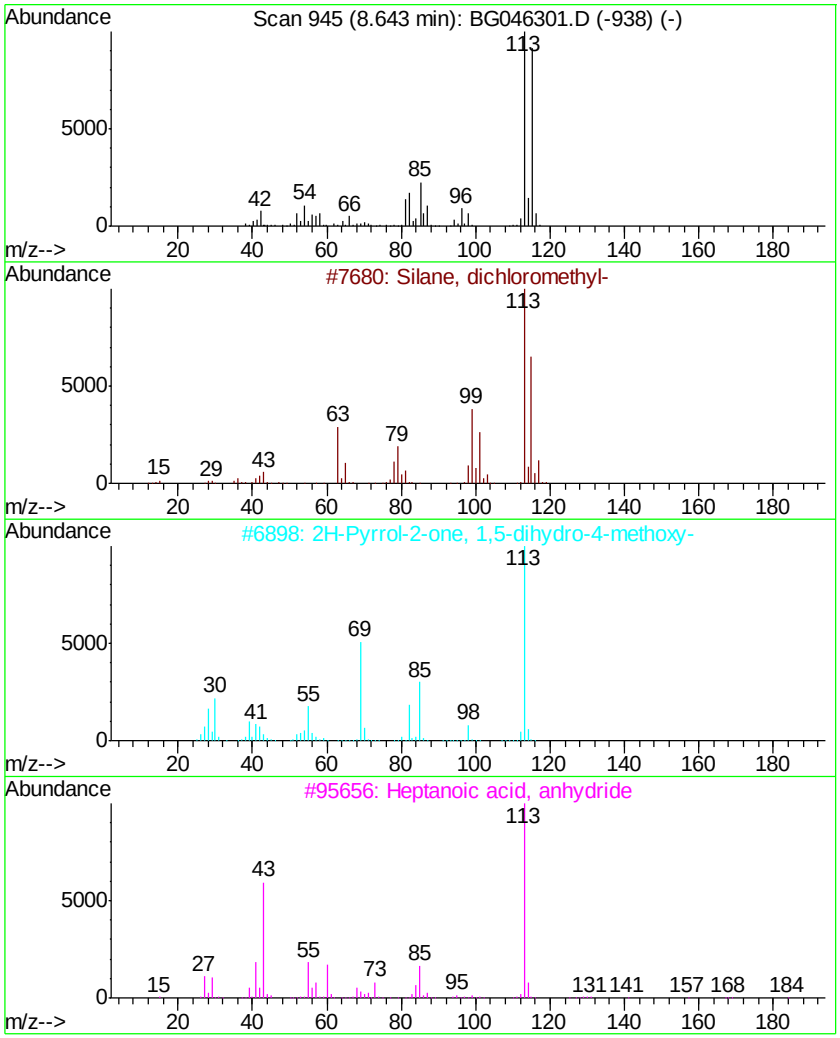
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

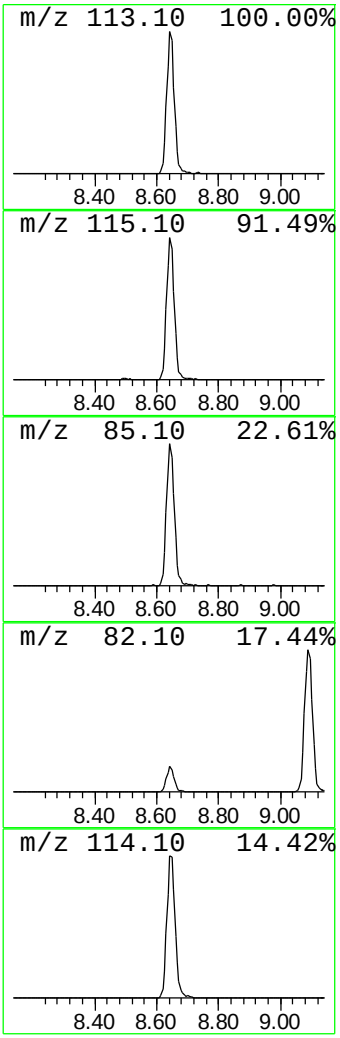
****

Peak Number 5 unknown-03 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.64	34.56 ng/ul	614202	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, dichloromethyl-	114	CH4Cl2Si	000075-54-7	38
2	2H-Pyrrol-2-one, 1,5-dihydro-4-m...	113	C5H7NO2	069778-83-2	32
3	Heptanoic acid, anhydride	242	C14H26O3	000626-27-7	32
4	Heptanoic acid, anhydride	242	C14H26O3	000626-27-7	32
5	Butanedioic acid, dimethyl ester	146	C6H10O4	000106-65-0	25





Library Search Compound Report

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Data File : BG046301.D
Acq On : 17 Aug 2020 17:11
Operator : CG/JU
Sample : L3632-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM87

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

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

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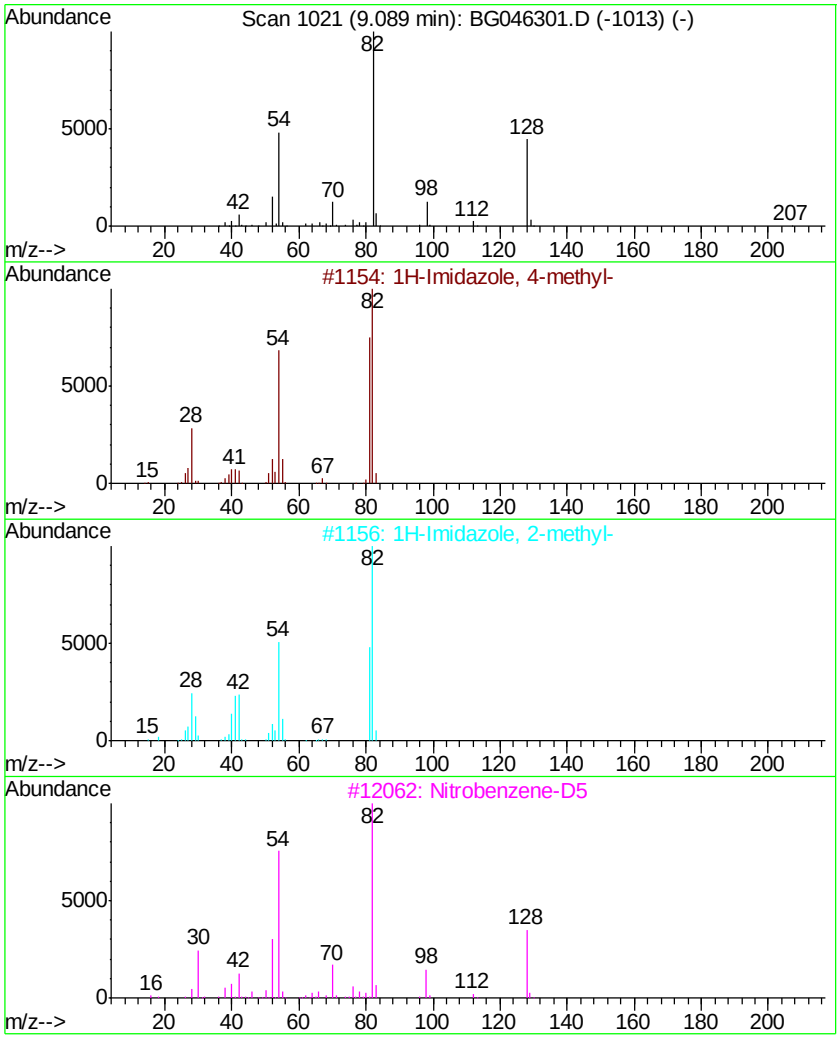
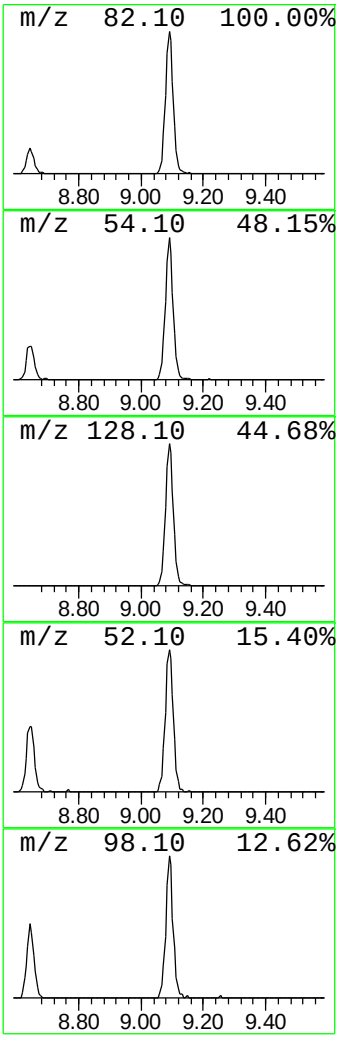
Peak Number 6 1H-Imidazole, 4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	24.19 ng/ul	429916	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Imidazole, 4-methyl-	82	C4H6N2	000822-36-6	50
2	1H-Imidazole, 2-methyl-	82	C4H6N2	000693-98-1	40
3	Nitrobenzene-D5	128	C6D5NO2	004165-60-0	38
4	1H-Imidazole, 2-methyl-	82	C4H6N2	000693-98-1	38
5	Nitrobenzene-D5	128	C6D5NO2	004165-60-0	38





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Operator : CG/JU
Sample : L3632-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM87

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

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

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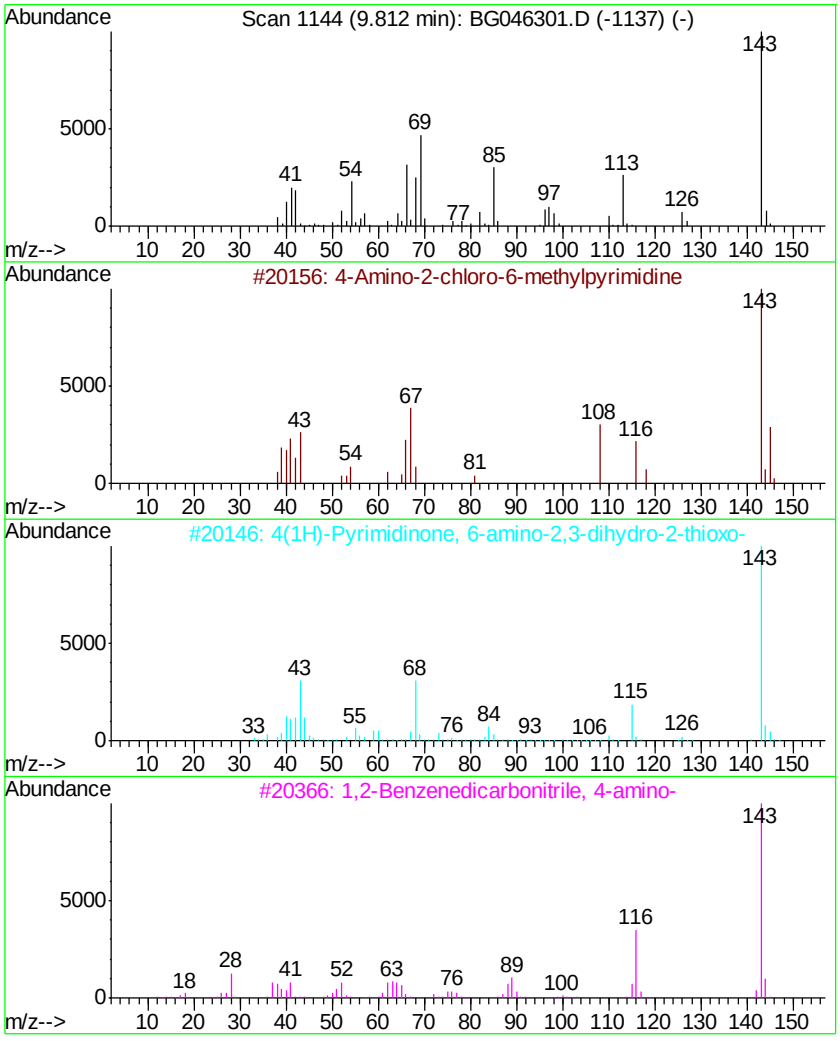
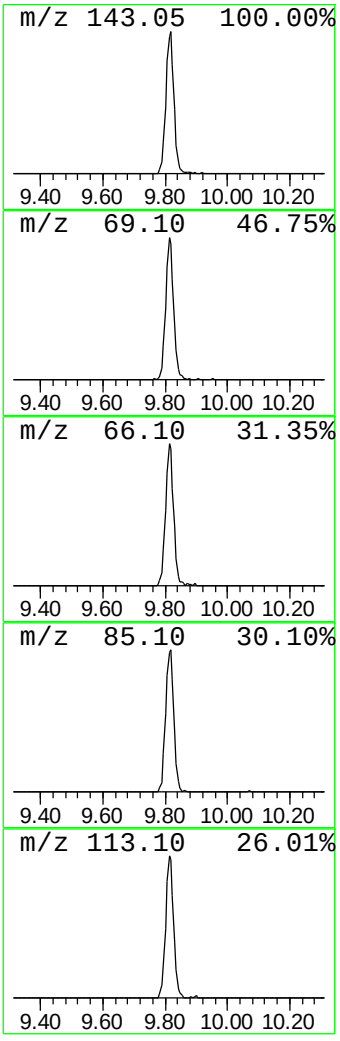
Peak Number 7 unknown-04 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.81	13.20 ng/ul	375342	Naphthalene-d8	10.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Amino-2-chloro-6-methylpyrimidine	143	C5H6ClN3	014394-60-6	33
2	4(1H)-Pyrimidinone, 6-amino-2,3-...	143	C4H5N3OS	001004-40-6	27
3	1,2-Benzenedicarbonitrile, 4-amino-	143	C8H5N3	056765-79-8	14
4	1-(1-Butoxypropan-2-yloxy)propan...	274	C15H30O4	1000367-13-0	12
5	6-Aza-2-thiothymine	143	C4H5N3OS	000615-76-9	10





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Acq On : 17 Aug 2020 17:11
Operator : CG/JU
Sample : L3632-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM87

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

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

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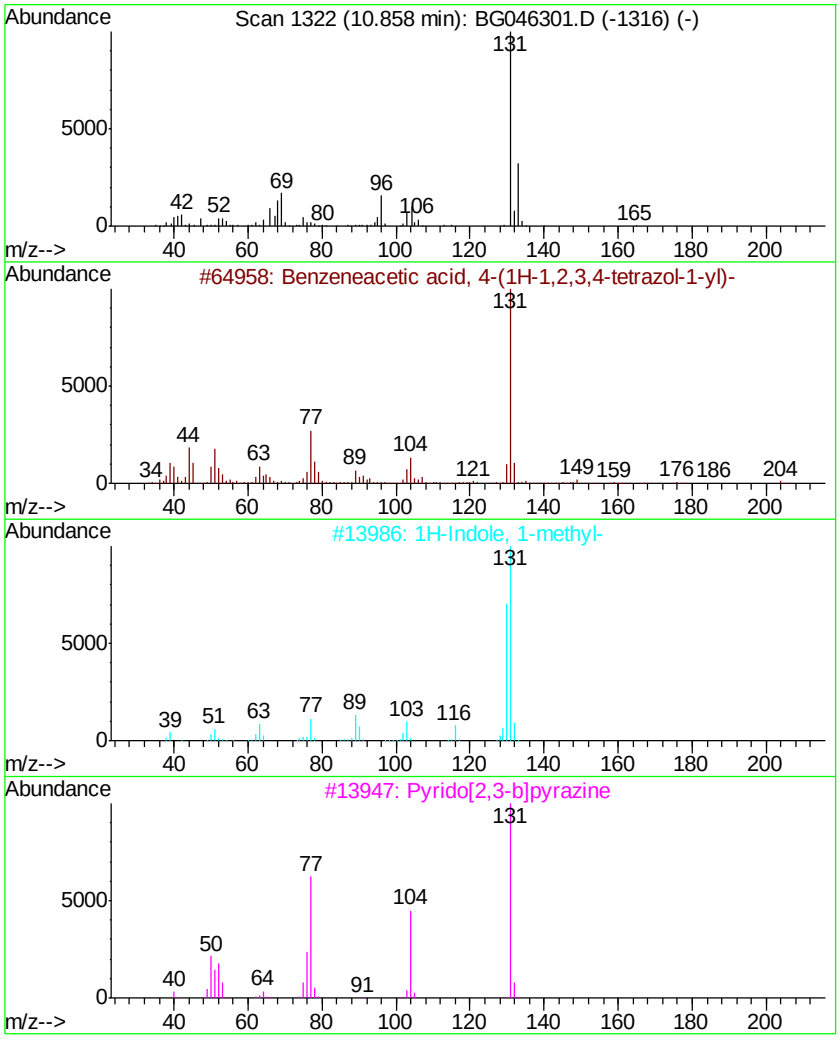
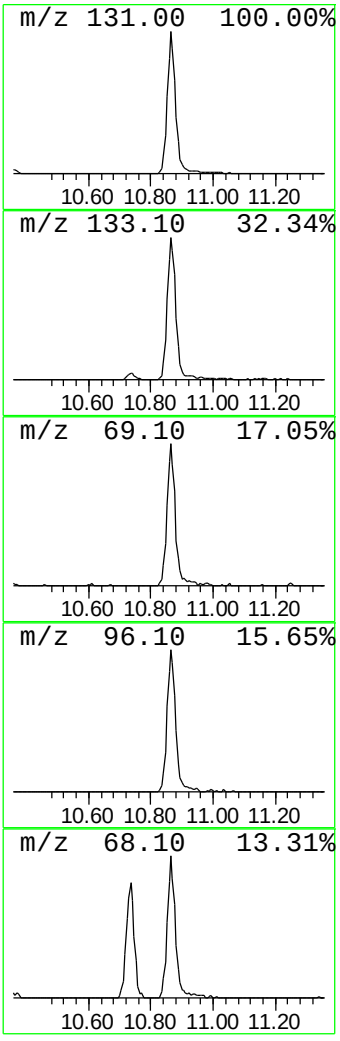
Peak Number 8 unknown-05 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.86	17.83 ng/ul	506754	Naphthalene-d8	10.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetic acid, 4-(1H-1,2,3,...	204	C9H8N4O2	1000351-56-5	28
2	1H-Indole, 1-methyl-	131	C9H9N	000603-76-9	25
3	Pyrido[2,3-b]pyrazine	131	C7H5N3	000322-46-3	25
4	4-Pyrimidinamine, 2,6-difluoro-	131	C4H3F2N3	000675-12-7	9
5	4-Aminobenzyl cyanide	132	C8H8N2	003544-25-0	9





Library Search Compound Report

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Acq On : 17 Aug 2020 17:11
Operator : CG/JU
Sample : L3632-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM87

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

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

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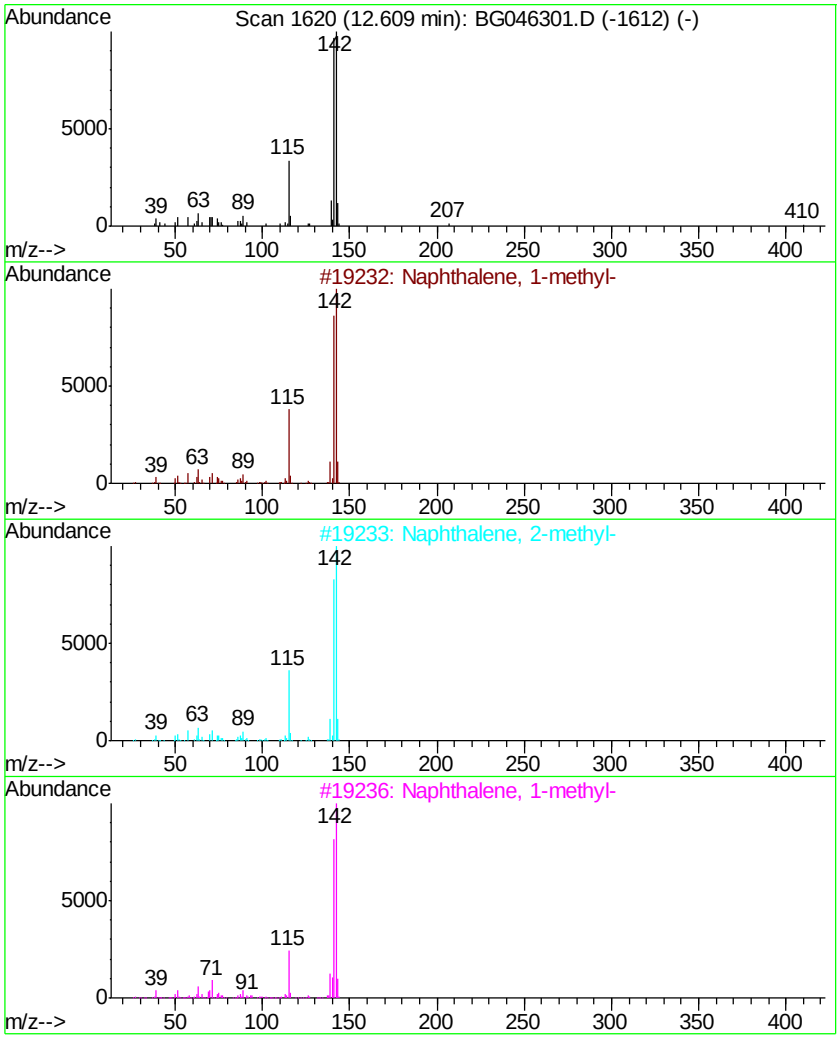
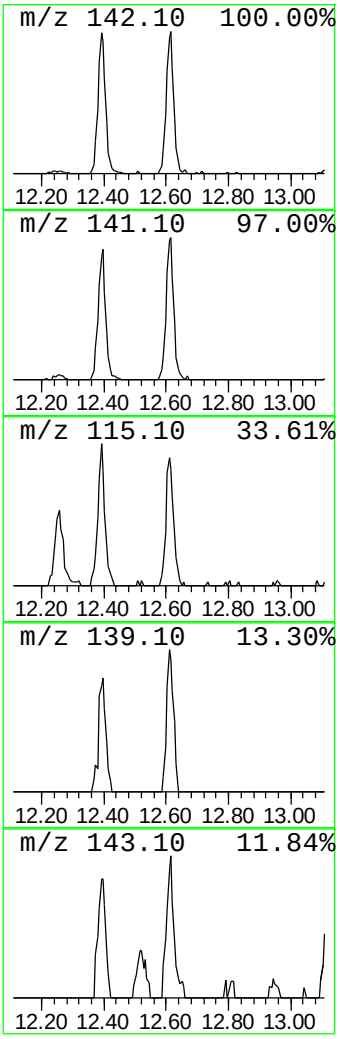
Peak Number 9 Naphthalene, 1-methyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.61	3.18 ng/ul	90523	Naphthalene-d8	10.73

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	93
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	91





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Acq On : 17 Aug 2020 17:11
Operator : CG/JU
Sample : L3632-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM87

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

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

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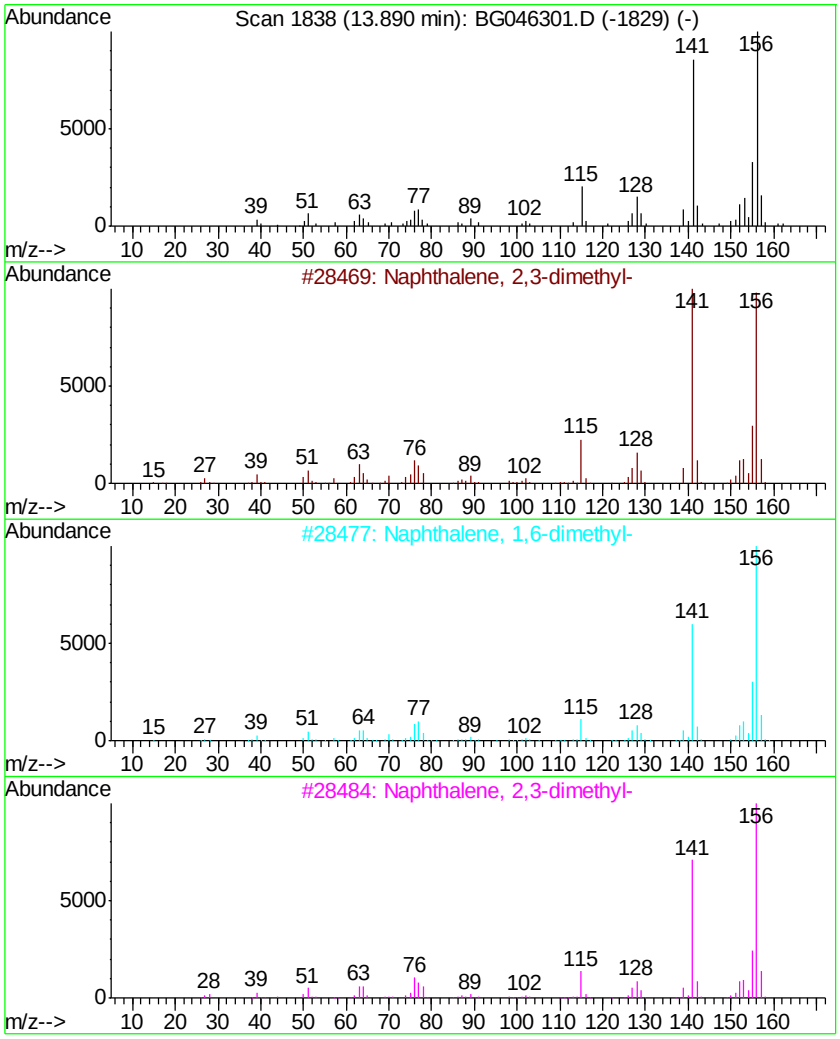
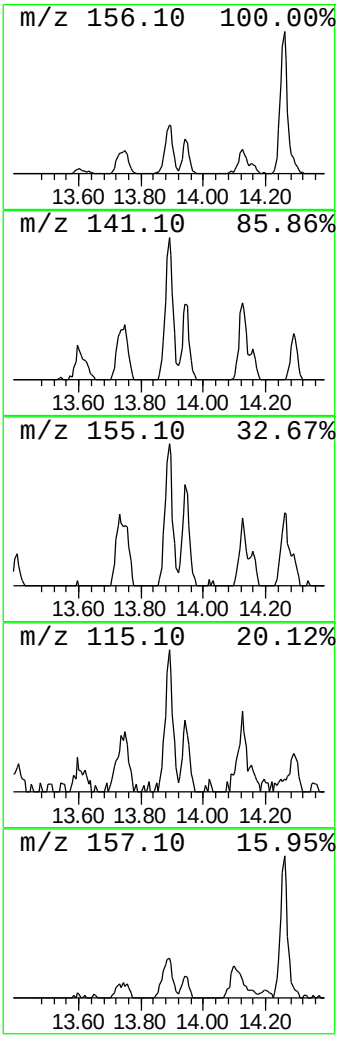
Peak Number 10 Naphthalene, 2,3-dimethyl- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	2.55 ng/ul	118853	Acenaphthene-d10	14.57

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





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Data File : BG046301.D
Acq On : 17 Aug 2020 17:11
Operator : CG/JU
Sample : L3632-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM87

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Quant Title : SVOA CALIBRATION

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

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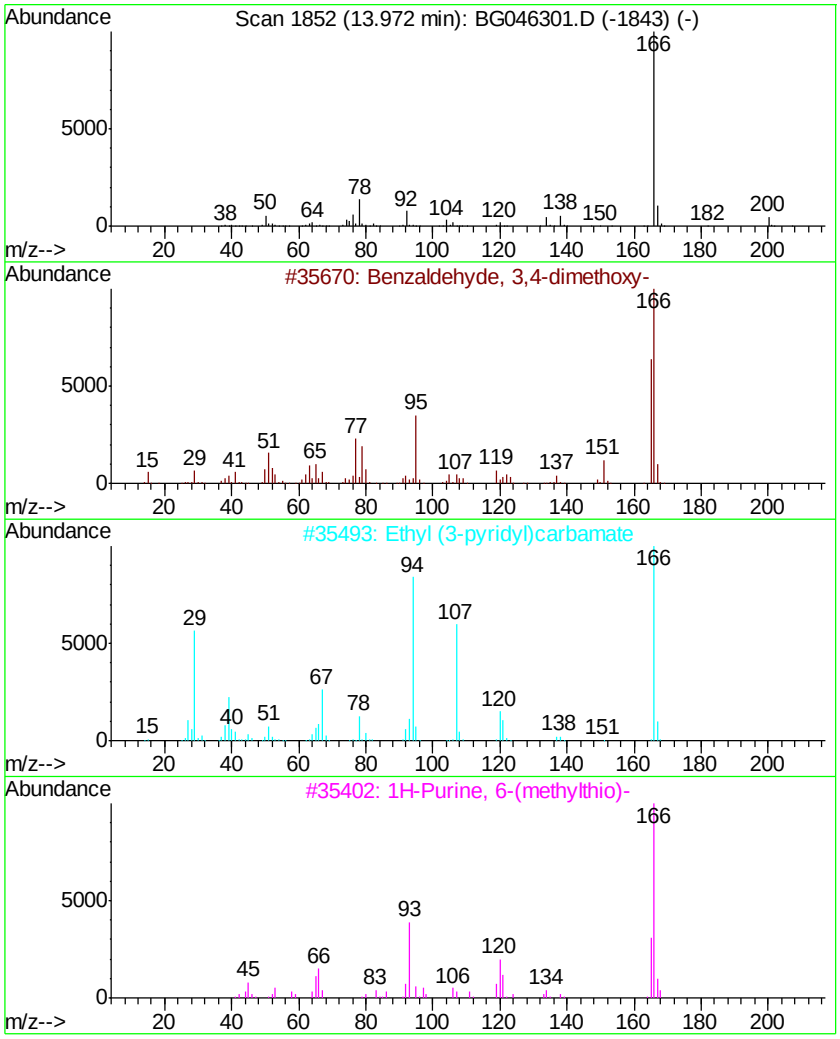
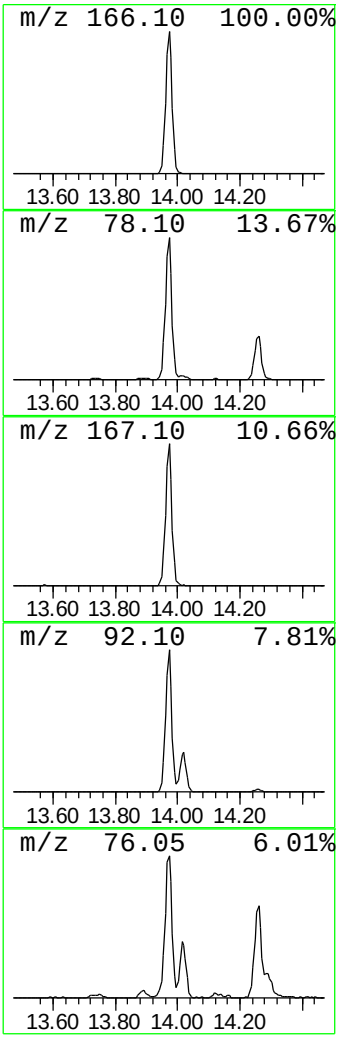
Peak Number 11 unknown-06 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	24.82 ng/ul	1158220	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,4-dimethoxy-	166	C9H10O3	000120-14-9	45
2	Ethyl (3-pyridyl)carbamate	166	C8H10N2O2	006276-11-5	39
3	1H-Purine, 6-(methylthio)-	166	C6H6N4S	000050-66-8	38
4	1H-Benzimidazole-2-ethanamine, 5...	195	C9H10ClN3	135875-16-0	38
5	Phenol, 5-(dimethylamino)-2-nitr...	166	C8H10N2O2	016761-04-9	38





Library Search Compound Report

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Operator : CG/JU
Sample : L3632-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM87

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

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

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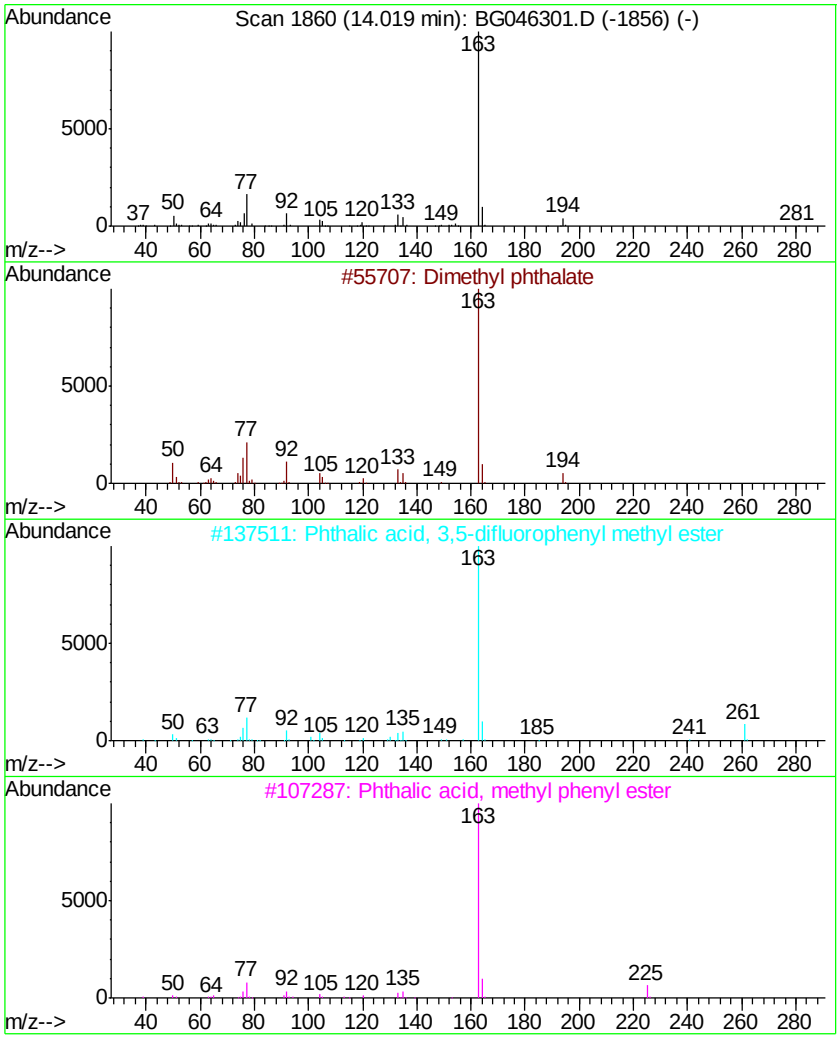
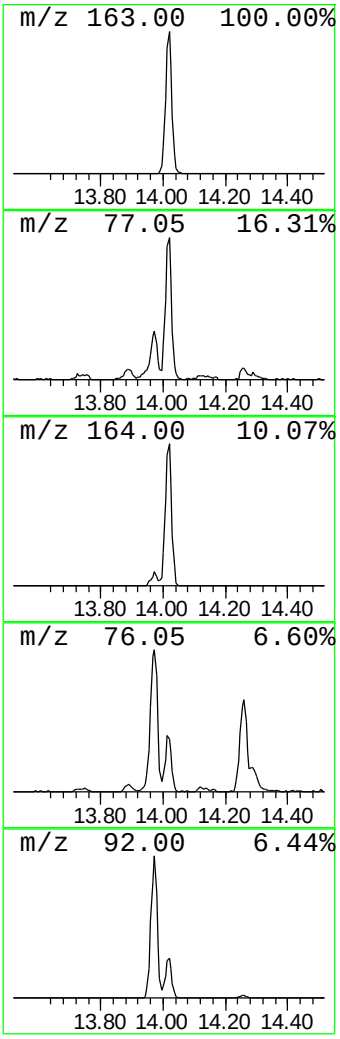
Peak Number 12 Dimethyl phthalate Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	7.10 ng/ul	331110	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl phthalate	194	C10H10O4	000131-11-3	91
2	Phthalic acid, 3,5-difluorophenyl...	292	C15H10F2O4	1000315-61-0	83
3	Phthalic acid, methyl phenyl ester	256	C15H12O4	1000315-59-8	83
4	Benzenebutanoic acid, 2-(methoxy...	250	C13H14O5	054103-08-1	78
5	Phthalic acid, 3-chlorophenyl me...	290	C15H11ClO4	1000315-72-2	78





Library Search Compound Report

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Sample : L3632-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM87

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Quant Title : SVOA CALIBRATION

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

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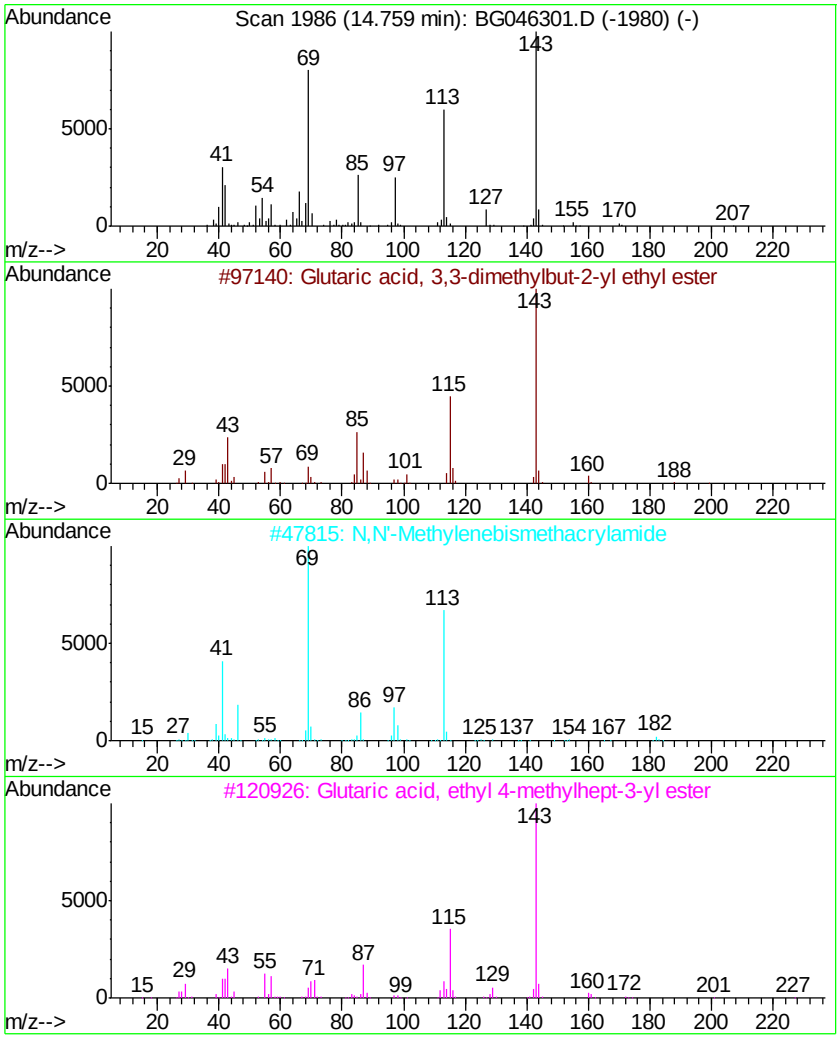
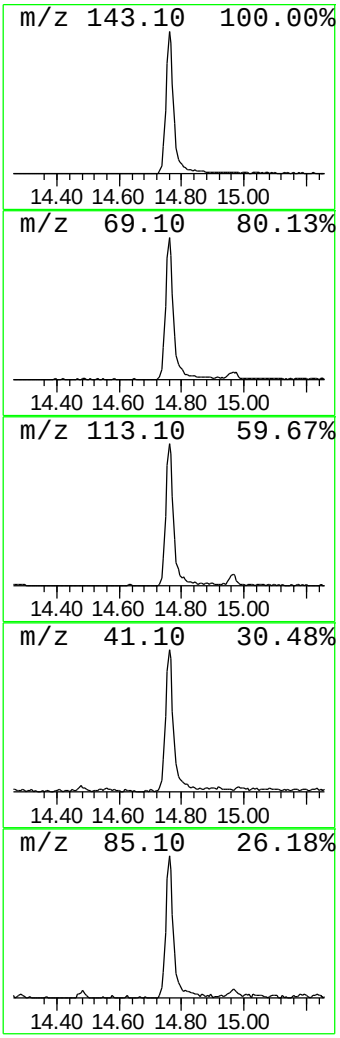
Peak Number 13 unknown-07 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	10.85 ng/ul	506499	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Glutaric acid, 3,3-dimethylbut-2...	244	C13H24O4	1000359-74-7	35
2	N,N'-Methylenebismethacrylamide	182	C9H14N2O2	002359-15-1	25
3	Glutaric acid, ethyl 4-methylhep...	272	C15H28O4	1000377-14-9	22
4	3H-1,2,4-Triazole-3-thione,2,4-d...	143	C5H9N3S	037526-42-4	16
5	2,3-Dimethyl-5-methylamino-1,3,4...	143	C5H9N3S	1000288-97-2	14





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ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM87

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Quant Title : SVOA CALIBRATION

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

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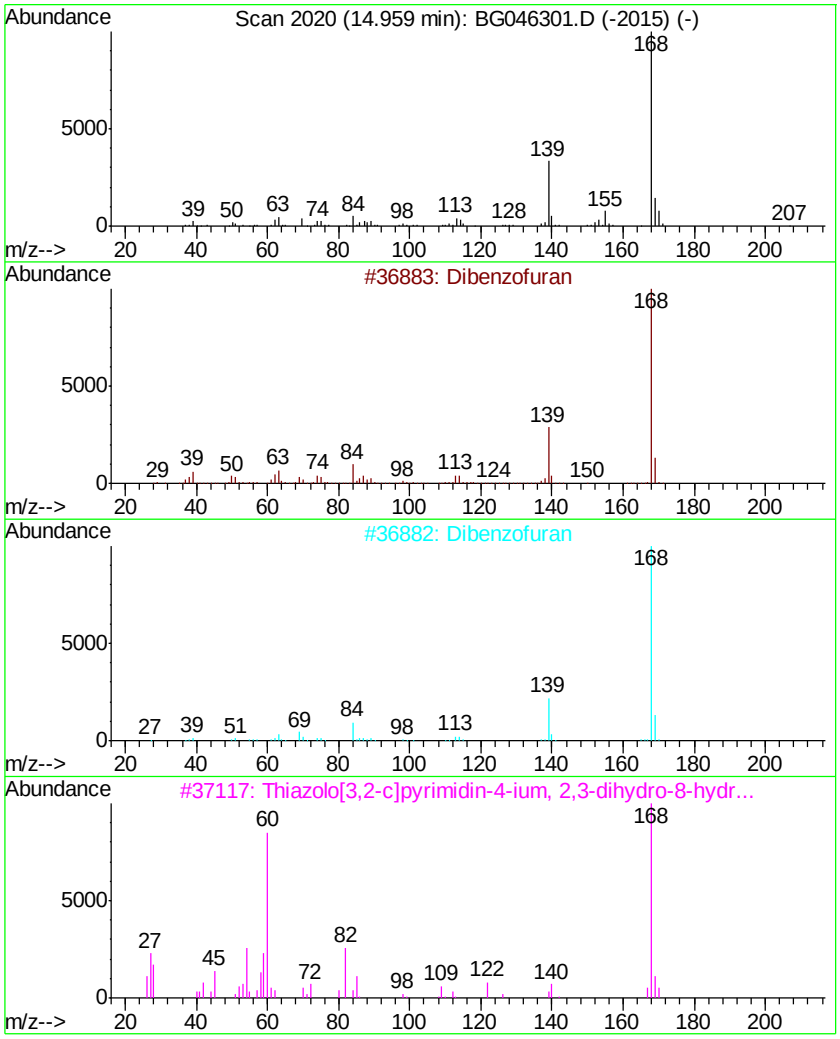
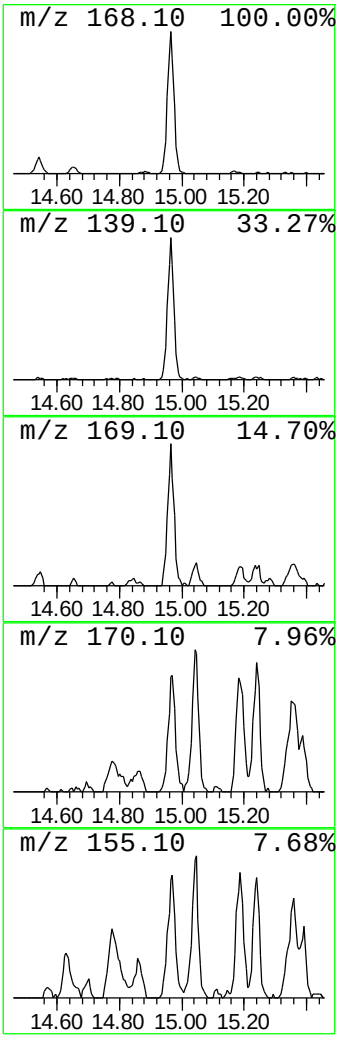
Peak Number 14 Dibenzofuran Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	5.16 ng/ul	240580	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran	168	C12H8O	000132-64-9	74
2	Dibenzofuran	168	C12H8O	000132-64-9	64
3	Thiazolo[3,2-c]pyrimidin-4-ium, ...	168	C7H8N2OS	024614-07-1	53
4	3,6-Diazahomoadamantan-9-ol	168	C9H16N2O	138023-21-9	47
5	Pyridine, 2-(phenylmethyl)-	169	C12H11N	000101-82-6	40





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM87

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

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

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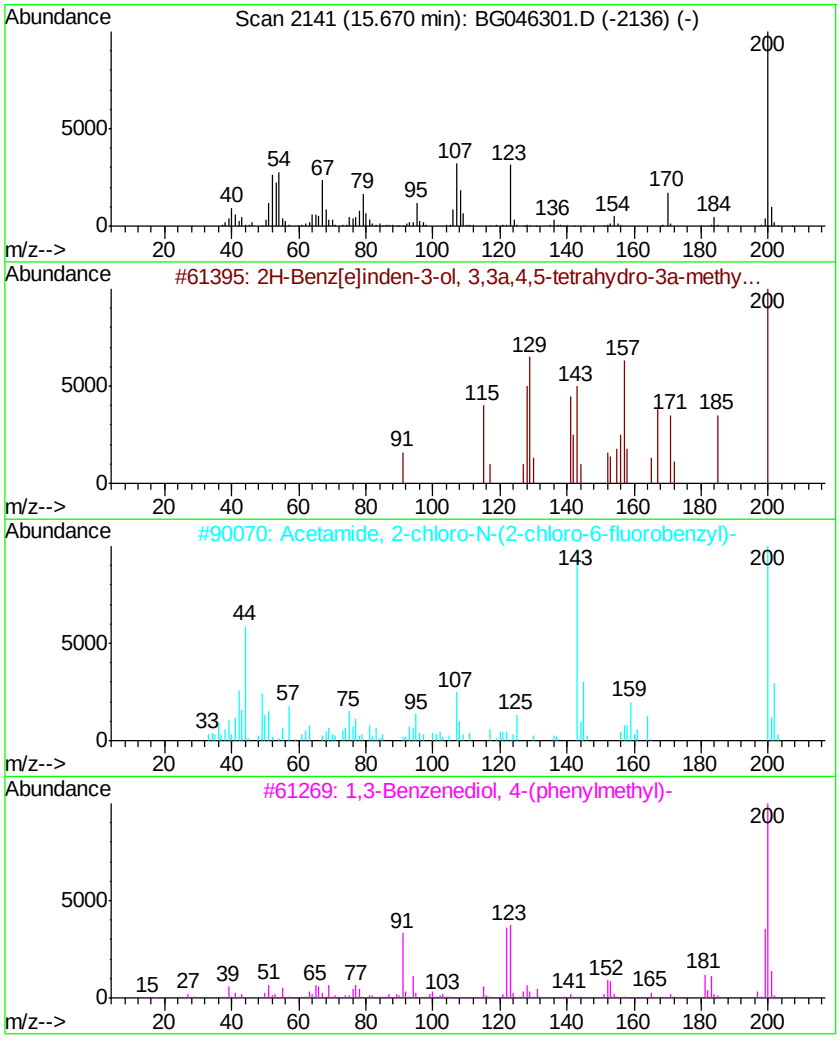
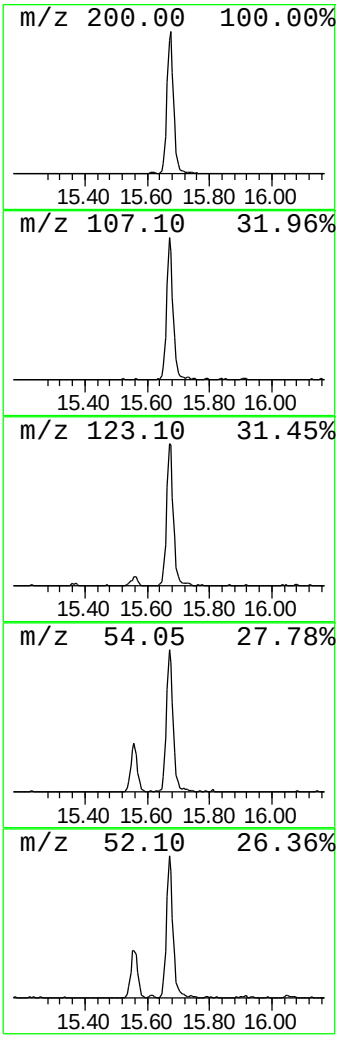
Peak Number 15 unknown-08 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	12.31 ng/ul	574233	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Benz[e]inden-3-ol, 3,3a,4,5-t...	200	C14H16O	071805-91-9	38
2	Acetamide, 2-chloro-N-(2-chloro-...	235	C9H8Cl2FNO	1000268-05-5	32
3	1,3-Benzenediol, 4-(phenylmethyl)-	200	C13H12O2	002284-30-2	22
4	1,6-Dioxaspiro[4.4]non-3-ene, 2-...	200	C13H12O2	016863-61-9	16
5	l-Leucine, N-isobutoxycarbonyl-N...	441	C26H51NO4	1000321-87-7	14





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Sample : L3632-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM87

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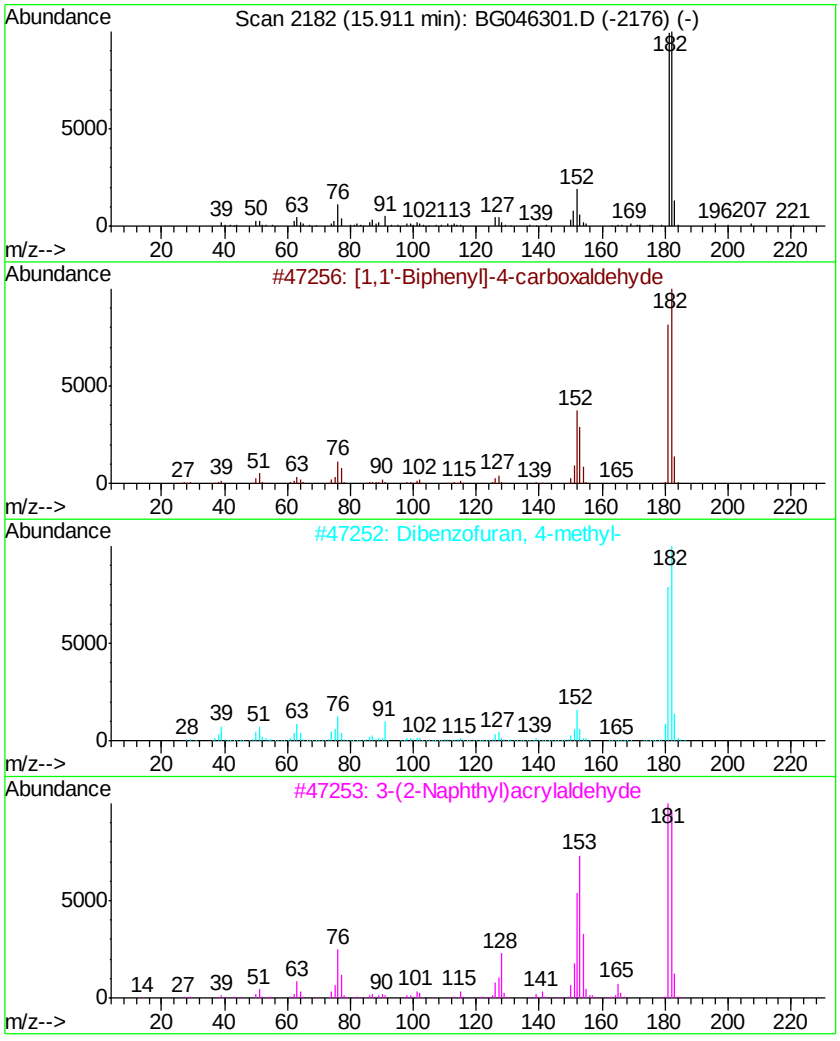
Quant Title : SVOA CALIBRATION

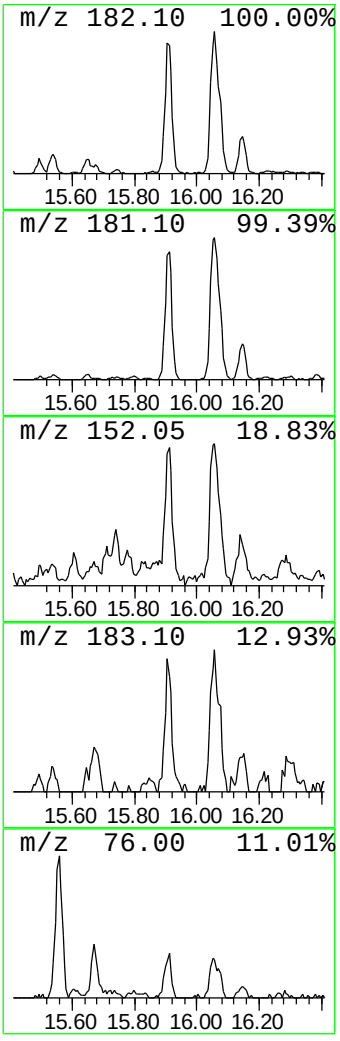
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	3.10 ng/ul	144680	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	93
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
3	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	78
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78





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Acq On : 17 Aug 2020 17:11
Operator : CG/JU
Sample : L3632-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM87

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Quant Title : SVOA CALIBRATION

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

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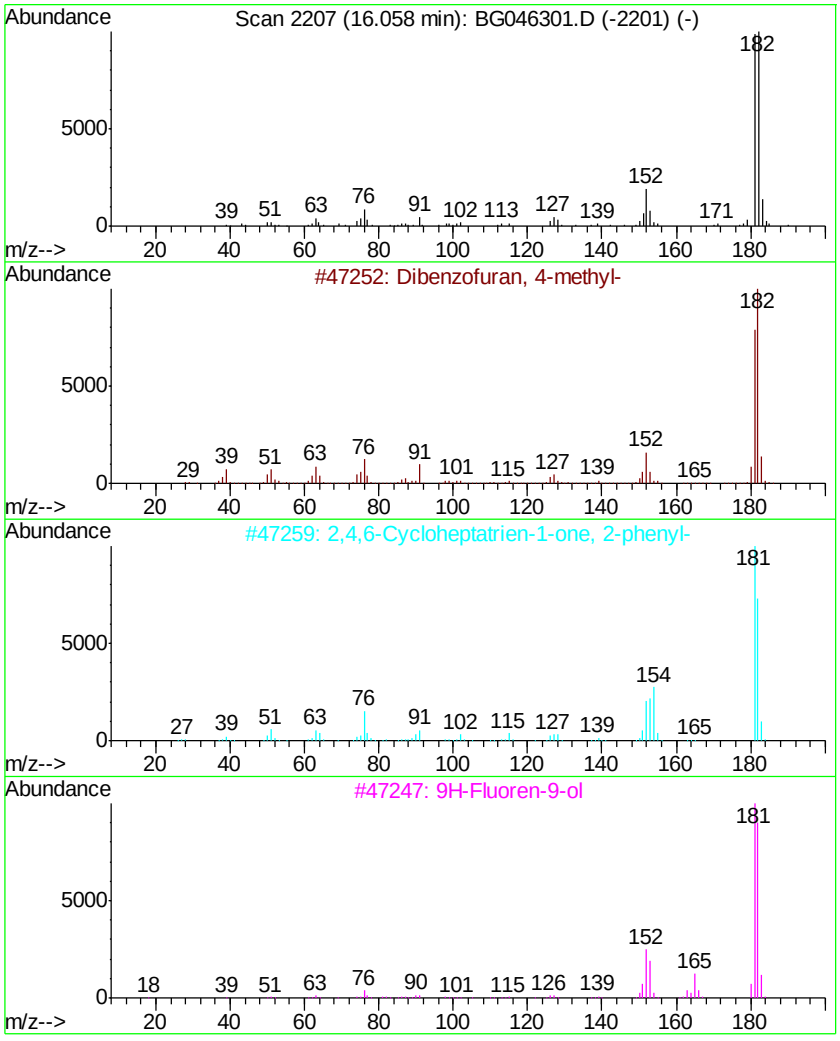
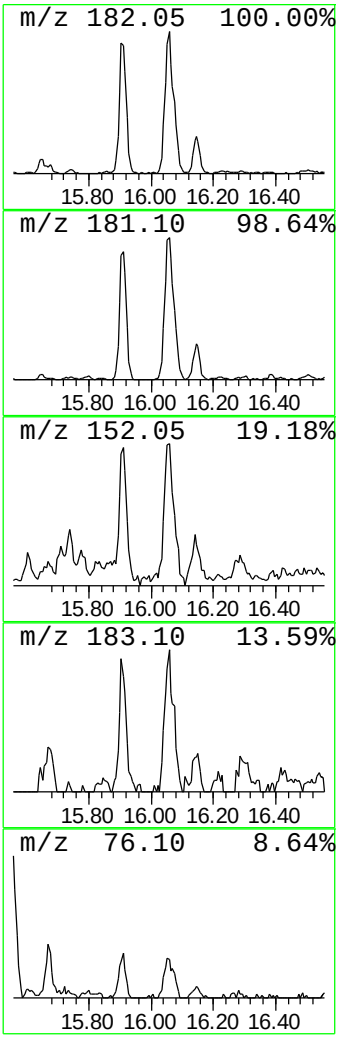
Peak Number 17 Dibenzofuran, 4-methyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.06	2.84 ng/ul	169545	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	87
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
4	Norharmane, N-methyl-	182	C12H10N2	1000374-78-6	64
5	9H-Xanthene	182	C13H10O	000092-83-1	59





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Operator : CG/JU
Sample : L3632-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM87

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Quant Title : SVOA CALIBRATION

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

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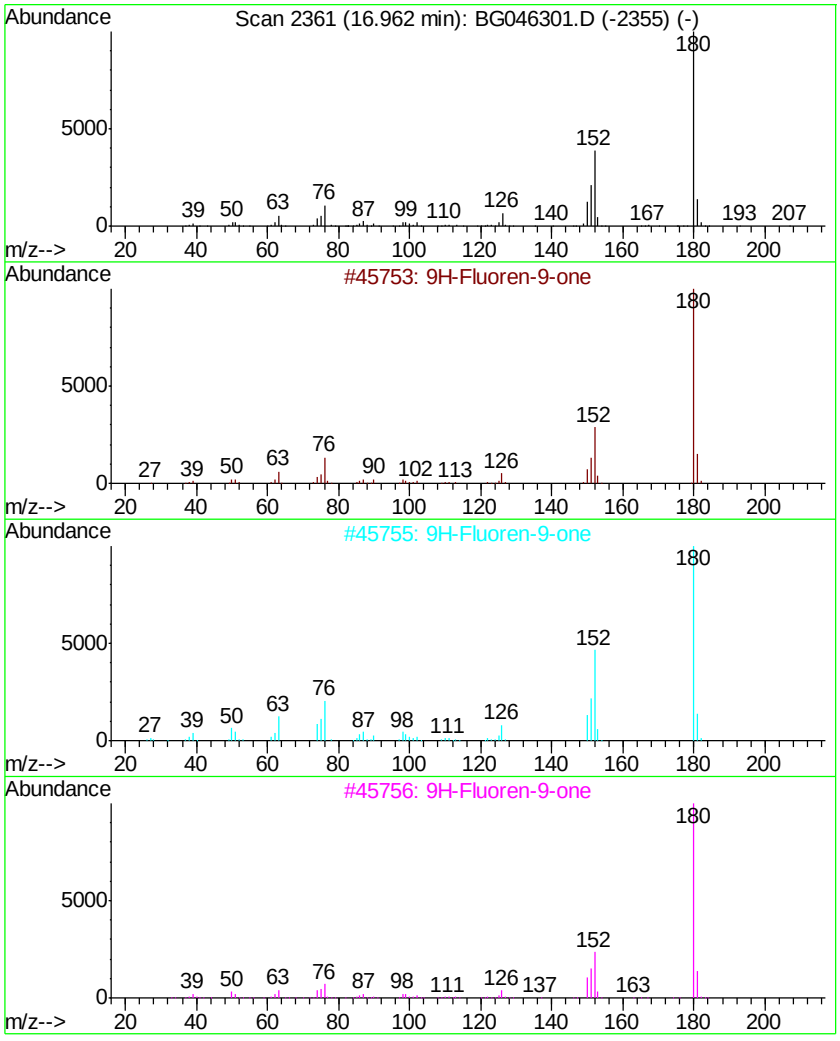
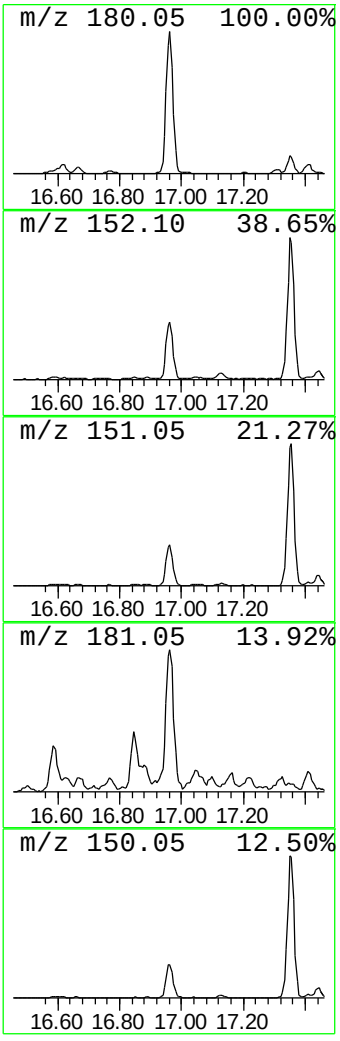
Peak Number 18 9H-Fluoren-9-one Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.96	8.53 ng/ul	509645	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	52





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Operator : CG/JU
Sample : L3632-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM87

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Quant Title : SVOA CALIBRATION

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

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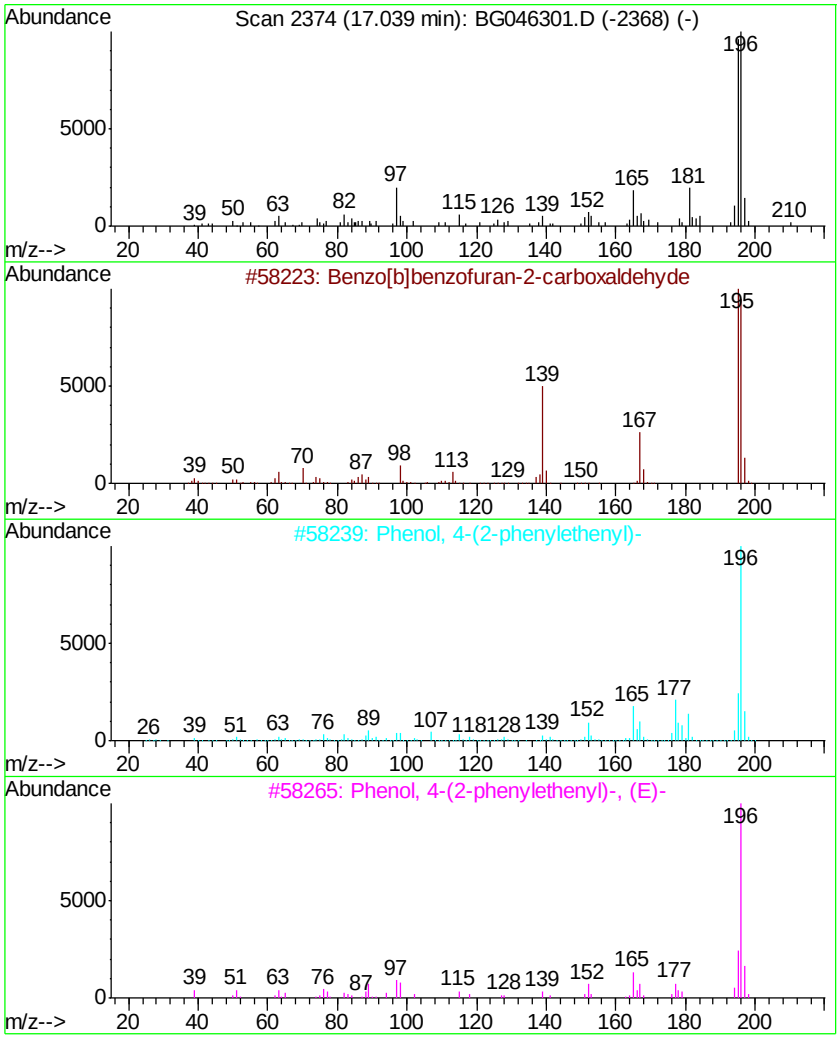
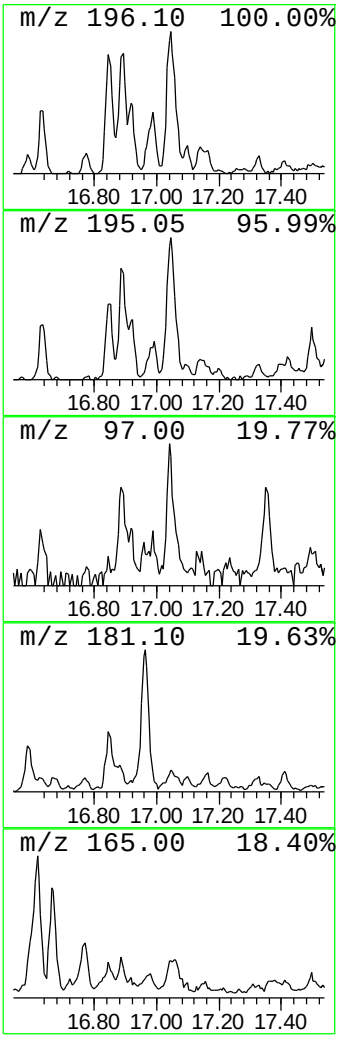
Peak Number 19 Benzo[b]benzofuran-2-carbox... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.04	2.24 ng/ul	133914	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]benzofuran-2-carboxaldehyde	196	C13H8O2	1000351-56-0	68
2	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	49
3	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	49
4	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	47
5	Naphtho[2,1-b]furan, 1,2-dimethyl-	196	C14H12O	129812-23-3	47





Library Search Compound Report

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Sample : L3632-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM87

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Quant Title : SVOA CALIBRATION

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

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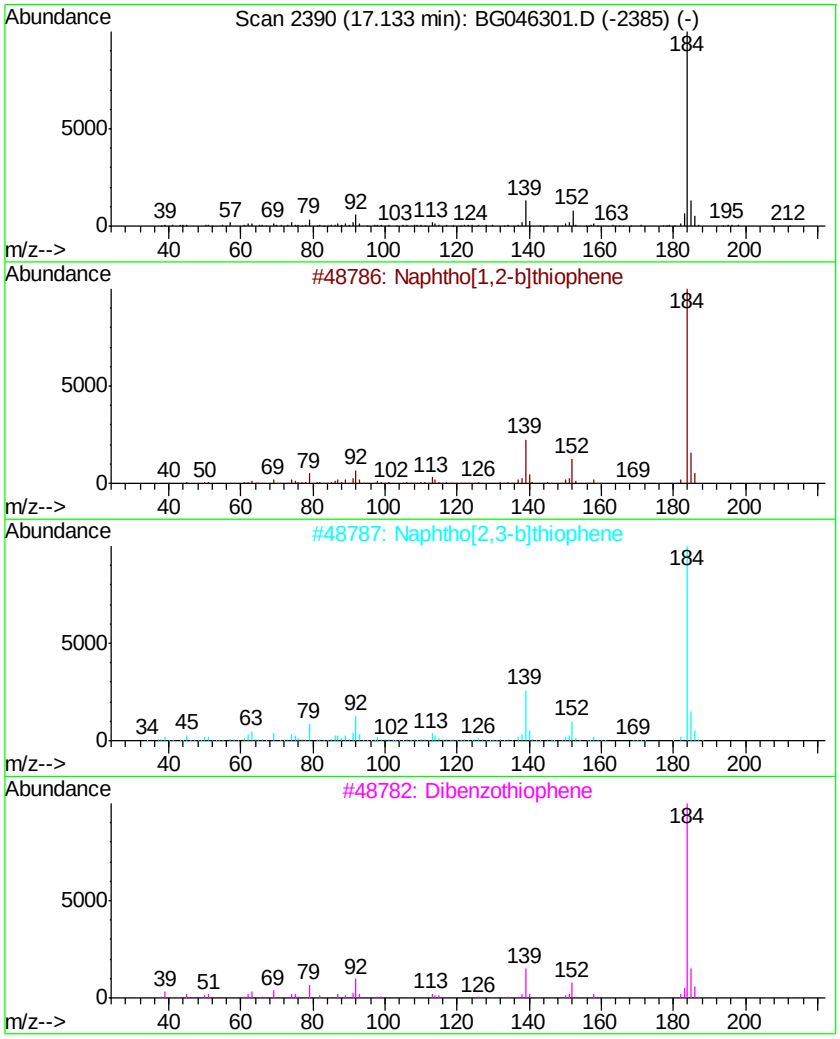
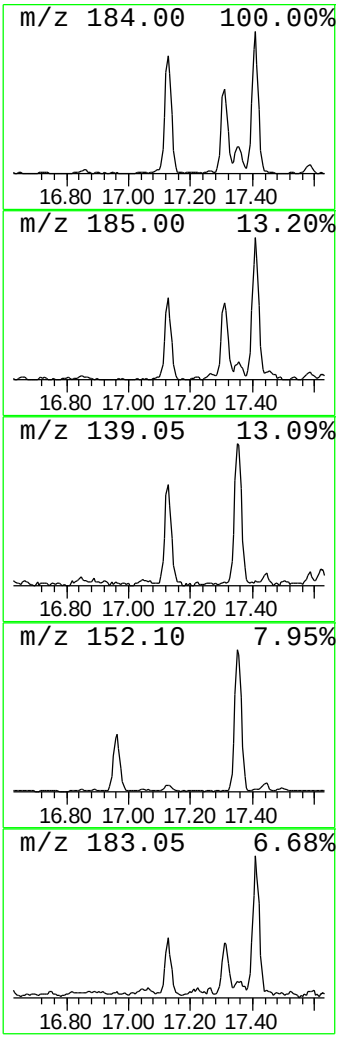
Peak Number 20 Naphtho[1,2-b]thiophene Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.13	4.09 ng/ul	244670	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
3	Dibenzothiophene	184	C12H8S	000132-65-0	93
4	Dibenzothiophene	184	C12H8S	000132-65-0	93
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





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Acq On : 17 Aug 2020 17:11
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM87

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Quant Title : SVOA CALIBRATION

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

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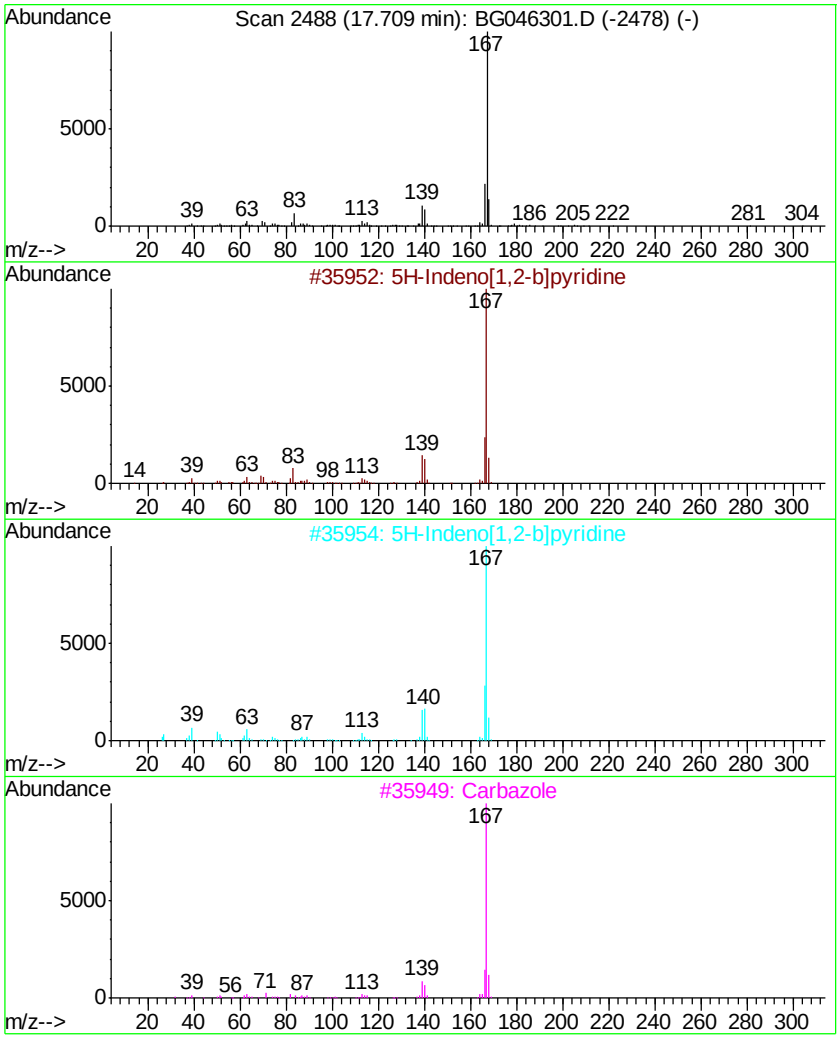
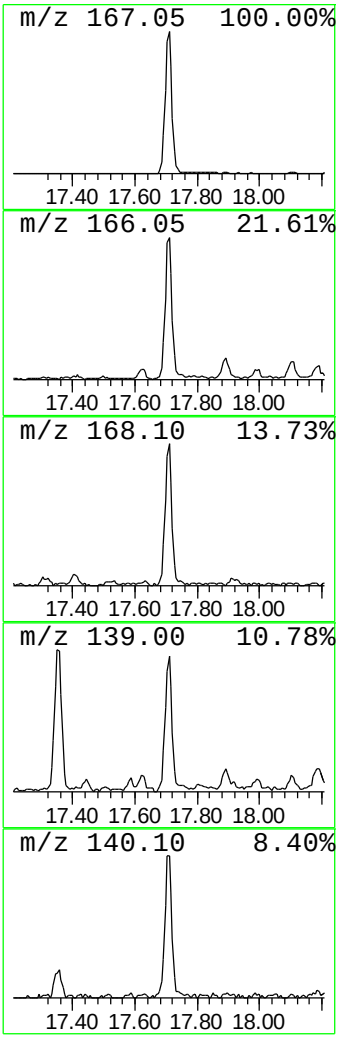
Peak Number 21 5H-Indeno[1,2-b]pyridine Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.71	8.04 ng/ul	480596	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	94
2	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	91
3	Carbazole	167	C12H9N	000086-74-8	90
4	Carbazole	167	C12H9N	000086-74-8	90
5	D-Galactitol, 2-(acetylmethylami...	363	C16H29NO8	074410-42-7	87





Library Search Compound Report

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Misc :
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Instrument : BNA_G
ClientSampleId : BFM87

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Quant Title : SVOA CALIBRATION

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

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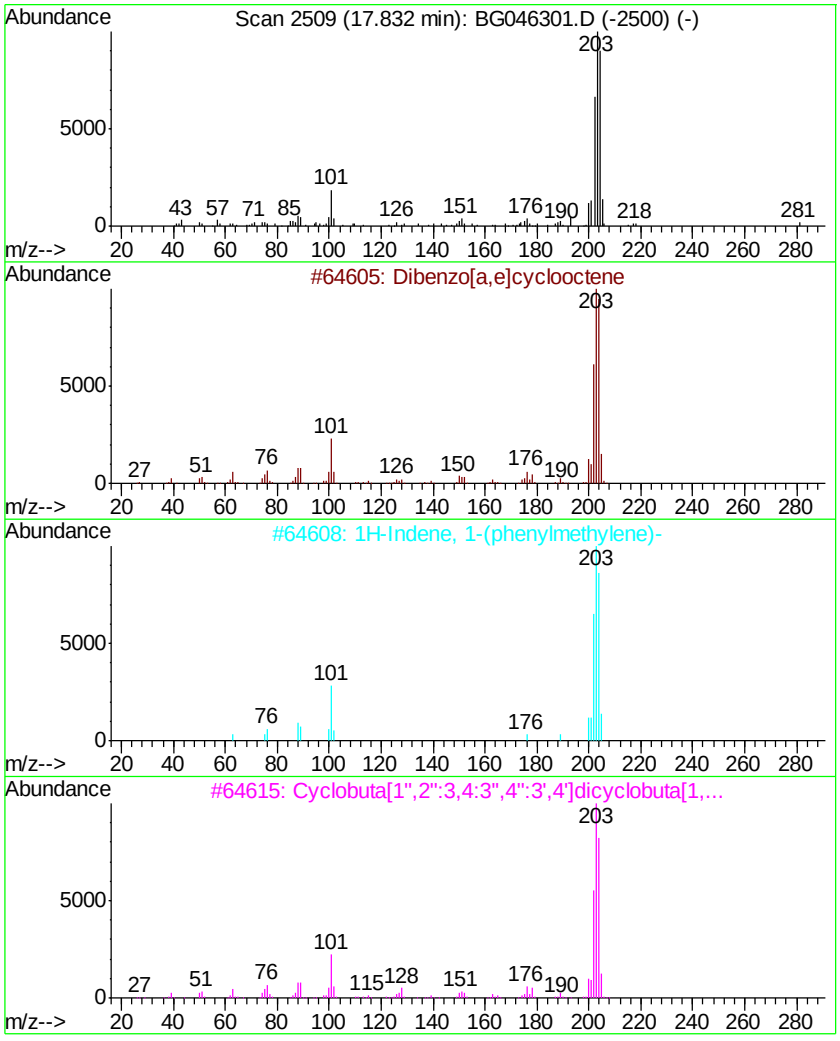
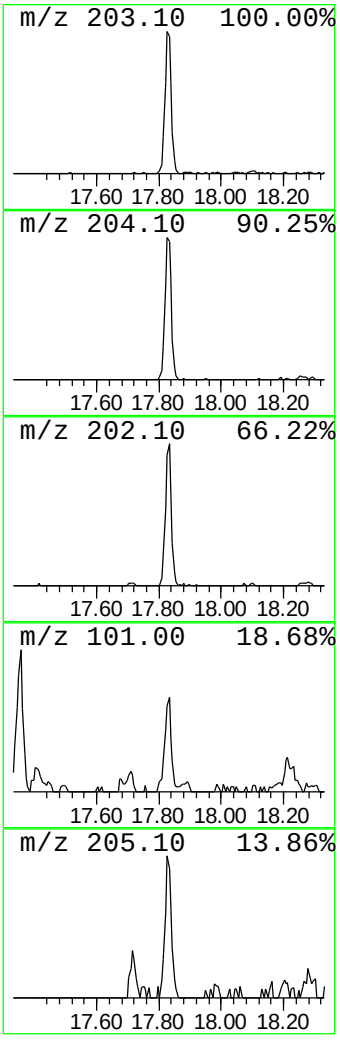
Peak Number 22 Dibenzo[a,e]cyclooctene Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.83	2.05 ng/ul	122659	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	89
2	1H-Indene, 1-(phenylmethylene)-	204	C16H12	005394-86-5	76
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	70





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Operator : CG/JU
Sample : L3632-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM87

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

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

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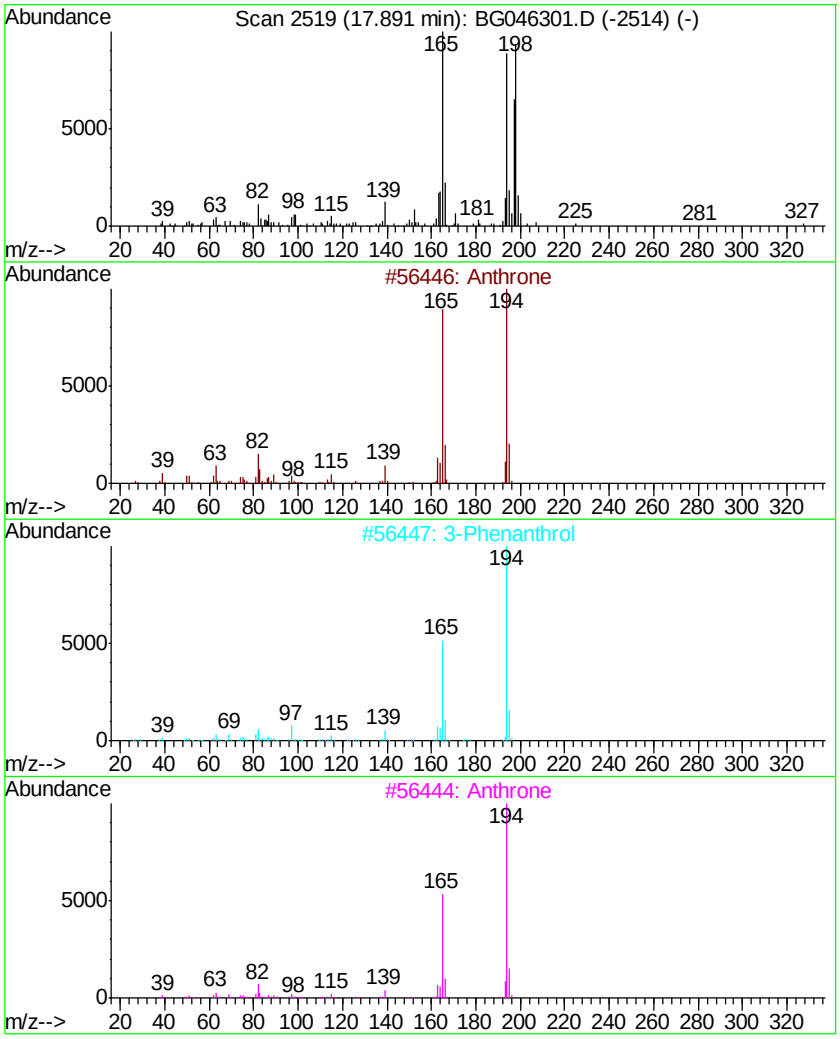
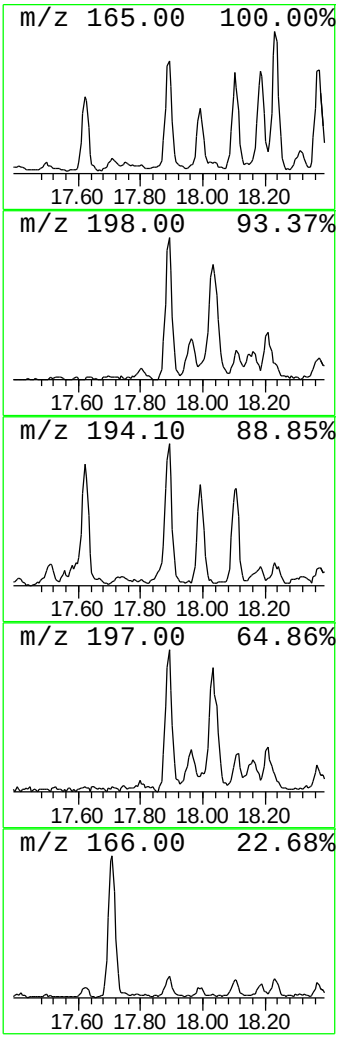
Peak Number 23 Anthrone Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	2.71 ng/ul	161706	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthrone	194	C14H10O	000090-44-8	78
2	3-Phenanthrol	194	C14H10O	000605-87-8	70
3	Anthrone	194	C14H10O	000090-44-8	60
4	2-Fluorenecarboxaldehyde	194	C14H10O	030084-90-3	55
5	9H-Fluoren-9-one, hydrazone	194	C13H10N2	013629-22-6	55





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Sample : L3632-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM87

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Quant Title : SVOA CALIBRATION

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

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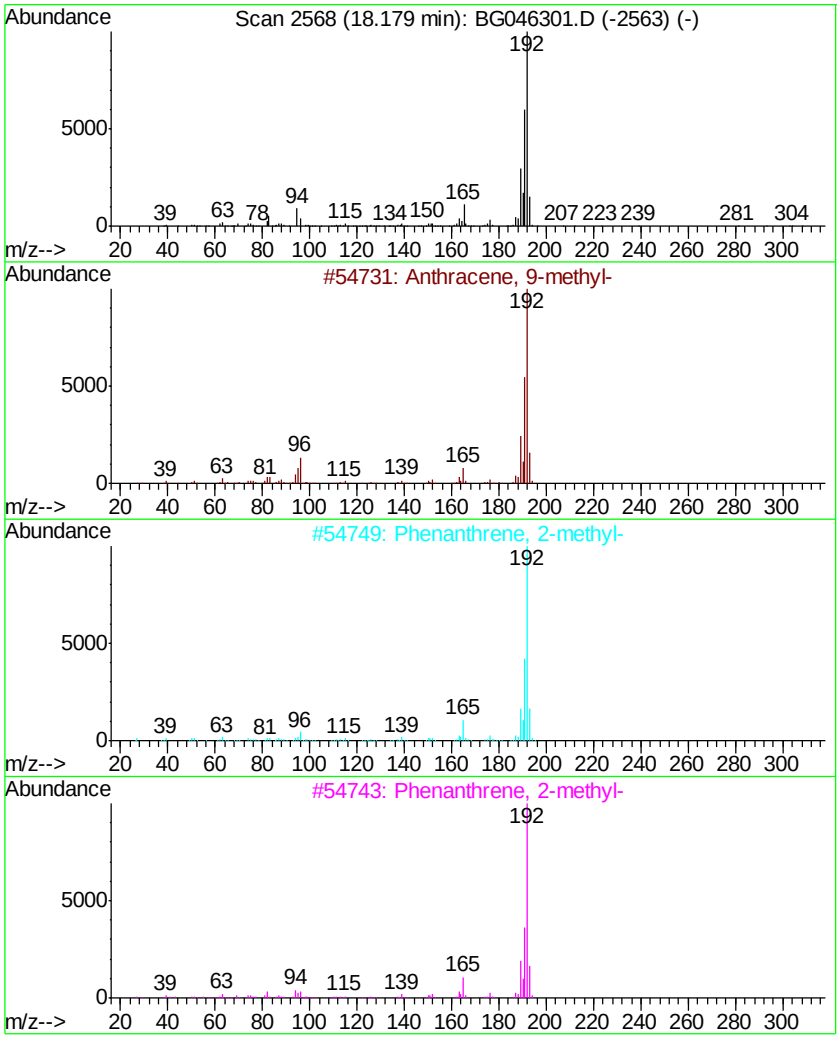
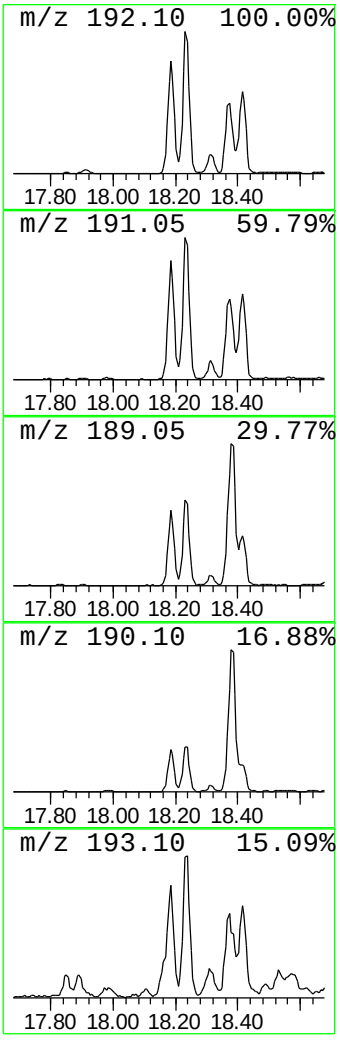
Peak Number 24 Anthracene, 9-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.18	9.68 ng/ul	578745	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	89
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	89
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	89
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM87

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Quant Title : SVOA CALIBRATION

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

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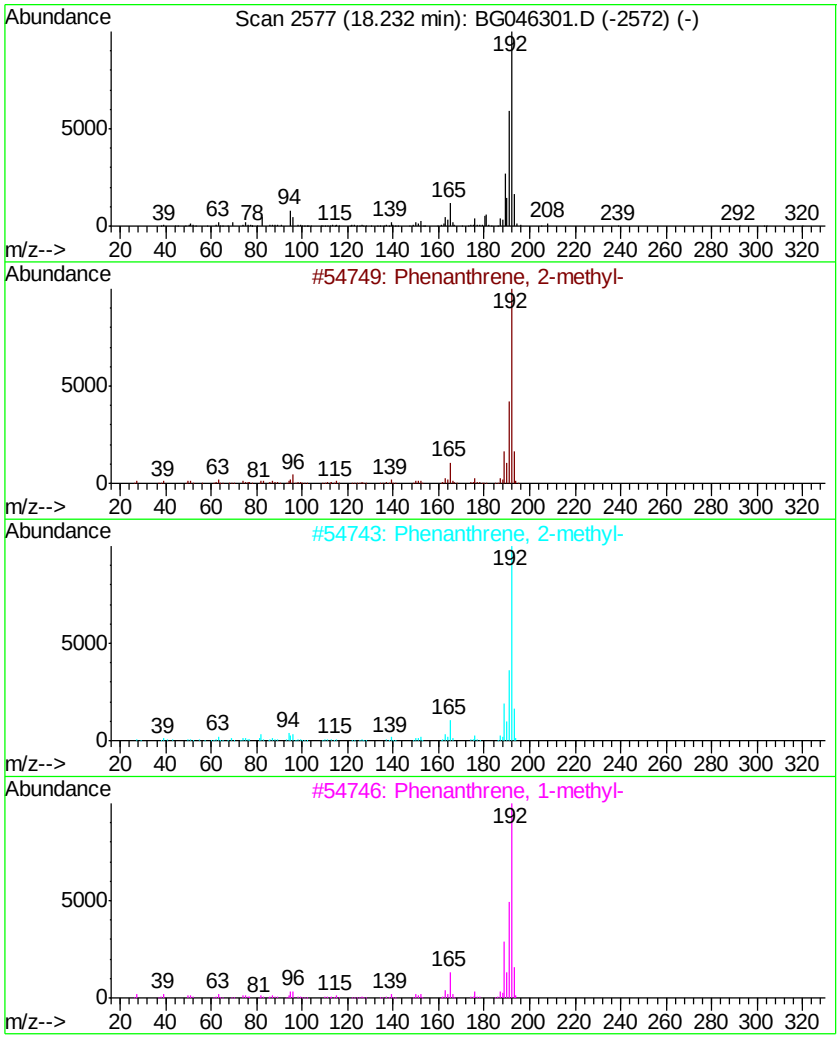
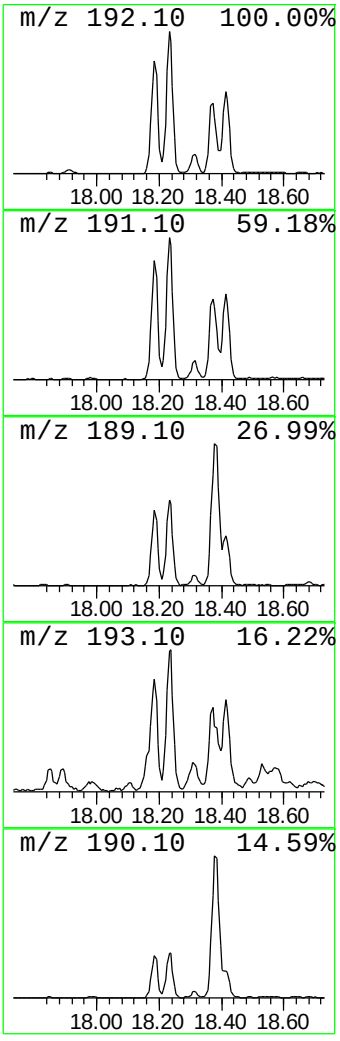
Peak Number 25 Phenanthrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.23	14.91 ng/ul	891199	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95





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Sample : L3632-09
Misc :
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Instrument : BNA_G
ClientSampleId : BFM87

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Quant Title : SVOA CALIBRATION

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

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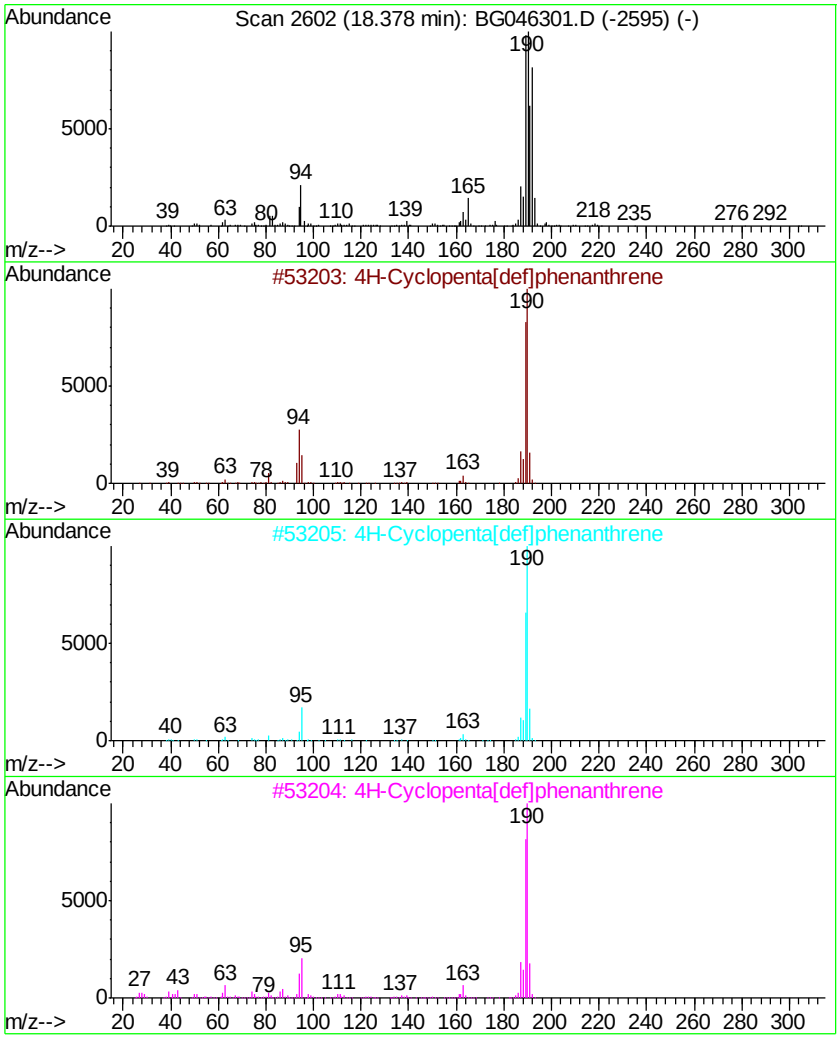
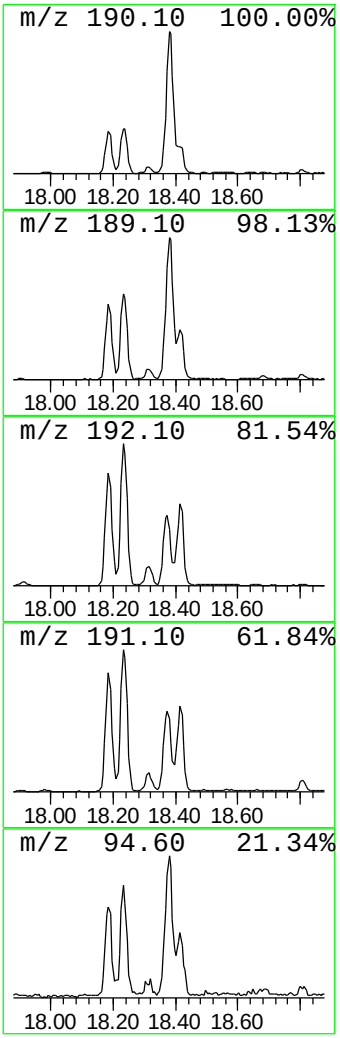
Peak Number 26 4H-Cyclopenta[def]phenanthrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	12.32 ng/ul	736382	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	91
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	38





Library Search Compound Report

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Instrument : BNA_G
ClientSampleId : BFM87

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Quant Title : SVOA CALIBRATION

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

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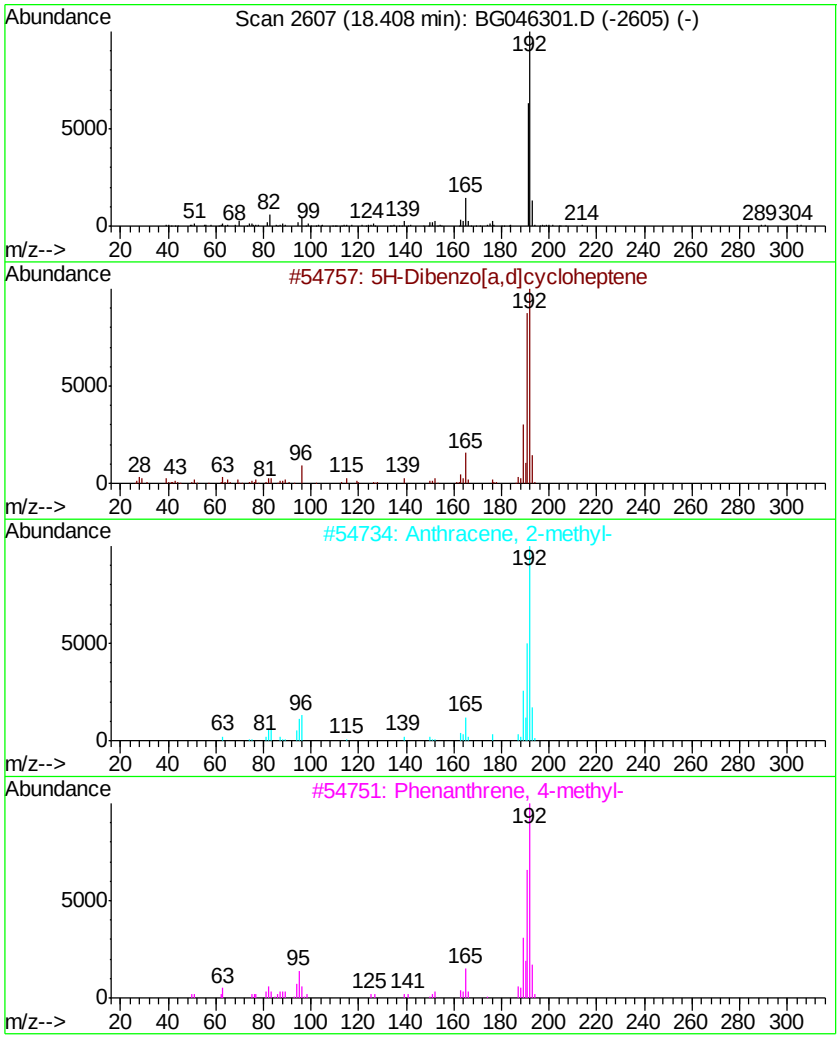
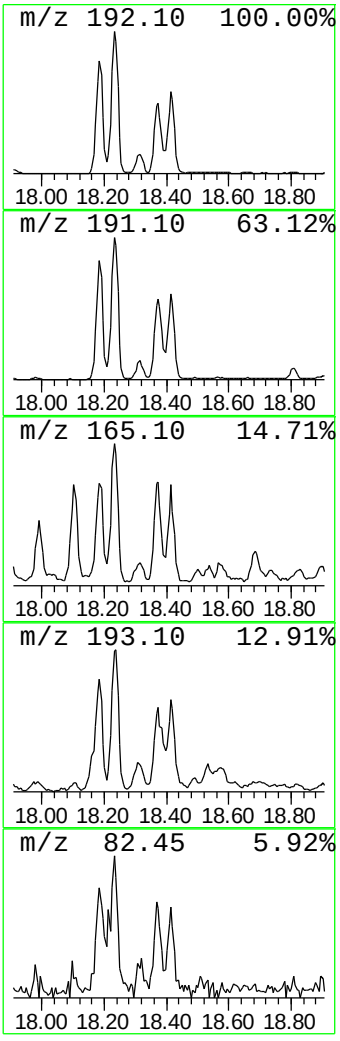
Peak Number 27 5H-Dibenzo[a,d]cycloheptene Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.41	6.74 ng/ul	402922	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	90
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87





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Misc :
ALS Vial : 9 Sample Multiplier: 1

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

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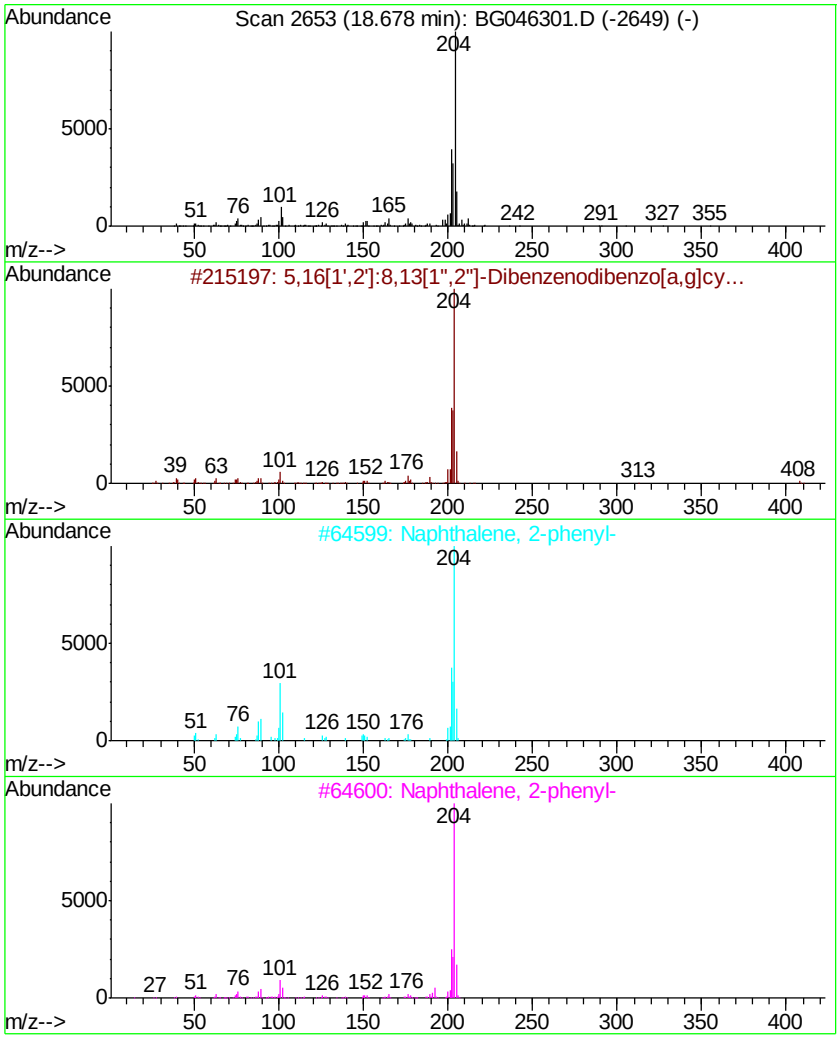
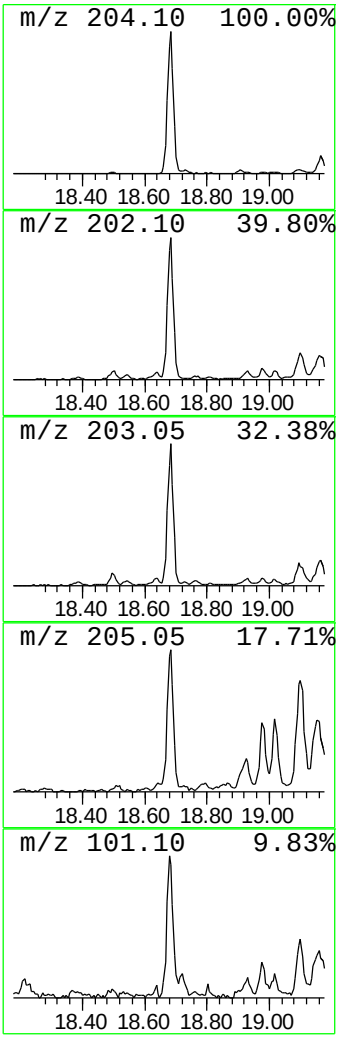
Peak Number 28 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.68	7.13 ng/ul	425969	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	91
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	58
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046301.D
Acq On : 17 Aug 2020 17:11
Operator : CG/JU
Sample : L3632-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM87

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

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

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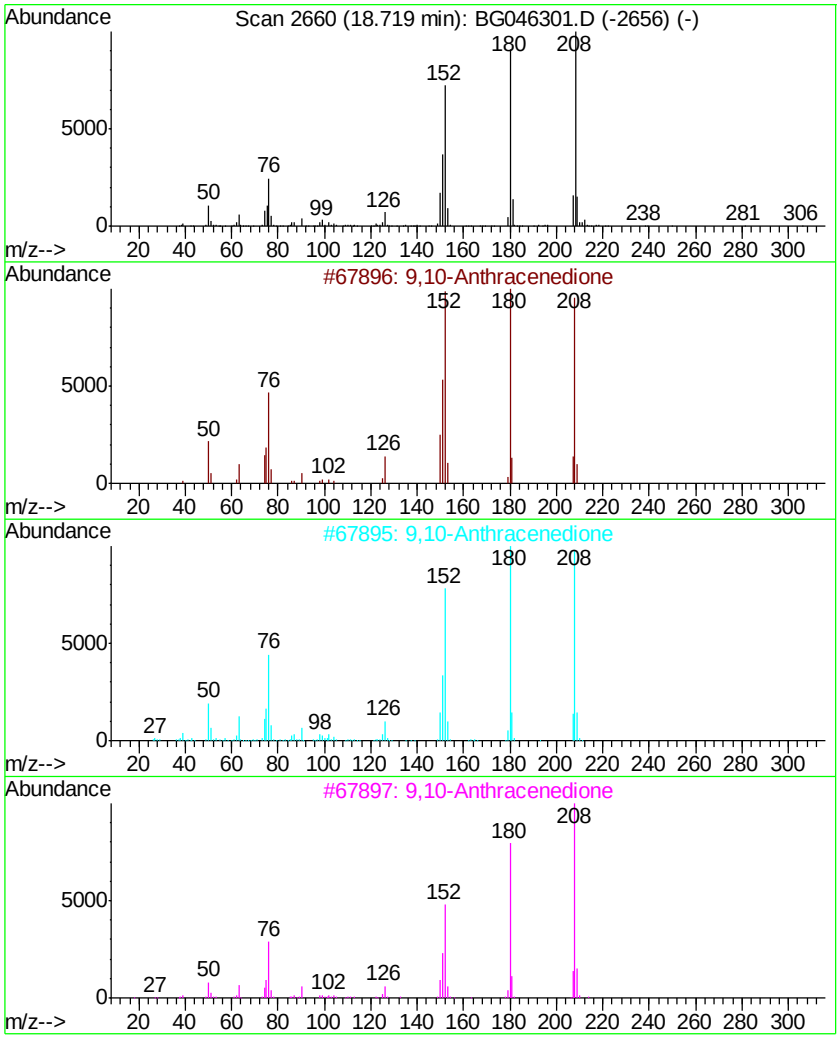
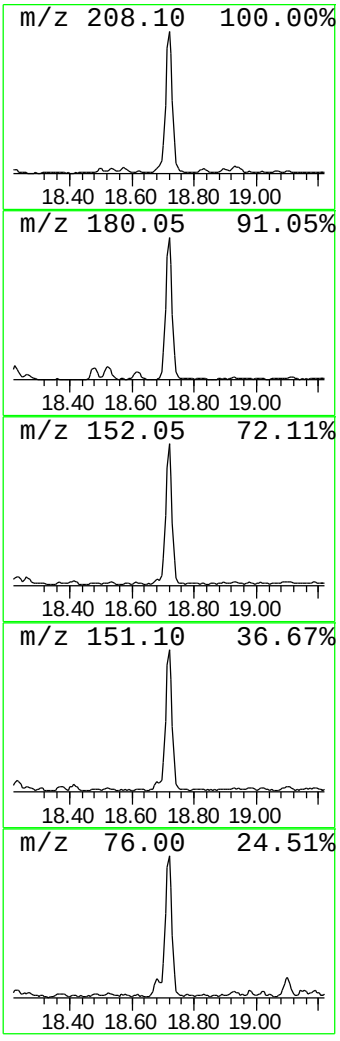
Peak Number 29 9,10-Anthracenedione Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.72	14.11 ng/ul	843584	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60





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Data File : BG046301.D
Acq On : 17 Aug 2020 17:11
Operator : CG/JU
Sample : L3632-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM87

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

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

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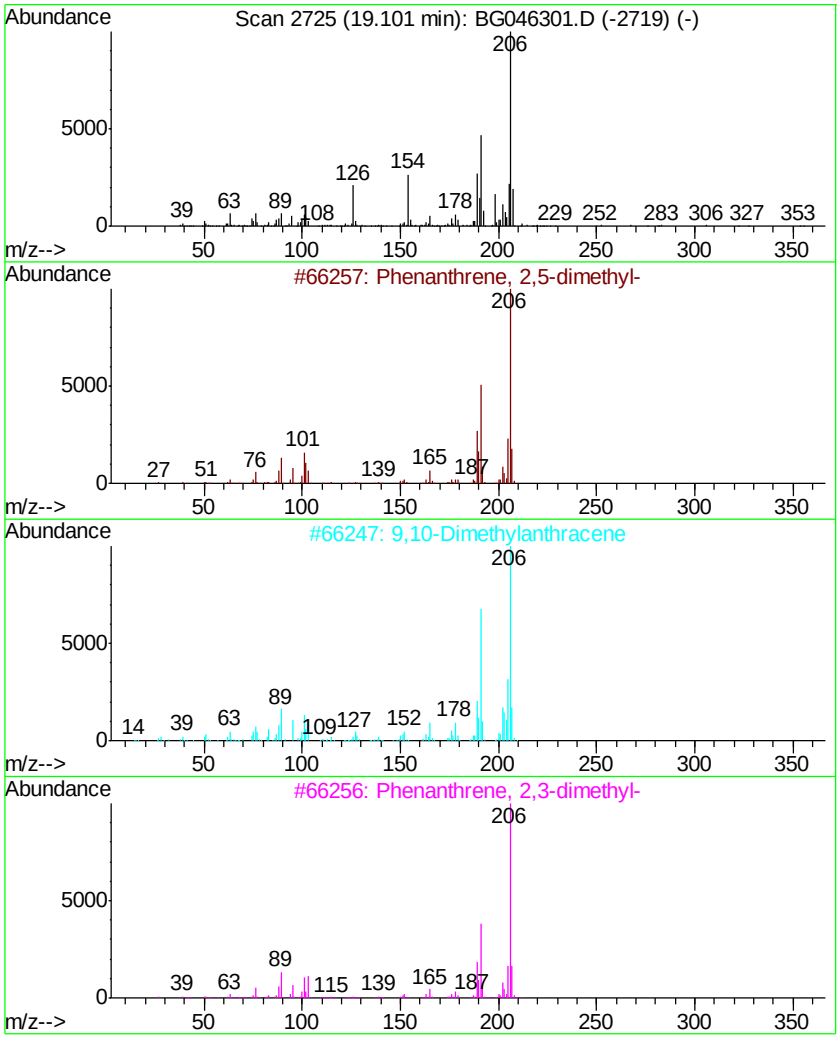
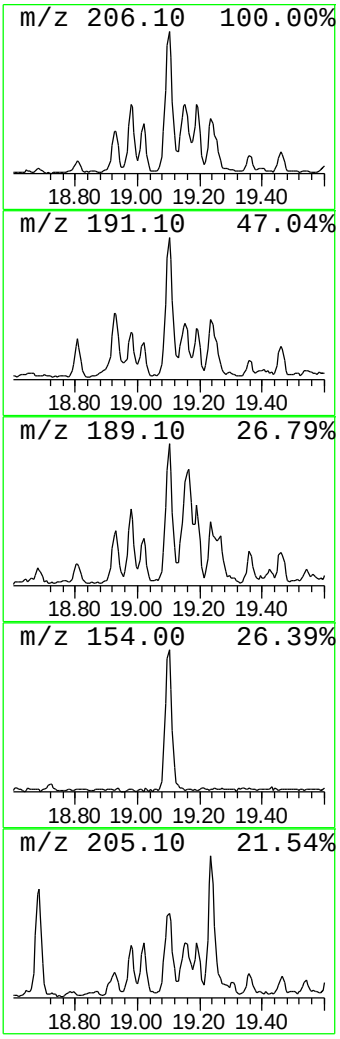
Peak Number 30 Phenanthrene, 2,5-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.10	7.28 ng/ul	435359	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	89
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	78
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	76
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	64
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	64





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Data File : BG046301.D
Acq On : 17 Aug 2020 17:11
Operator : CG/JU
Sample : L3632-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM87

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

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

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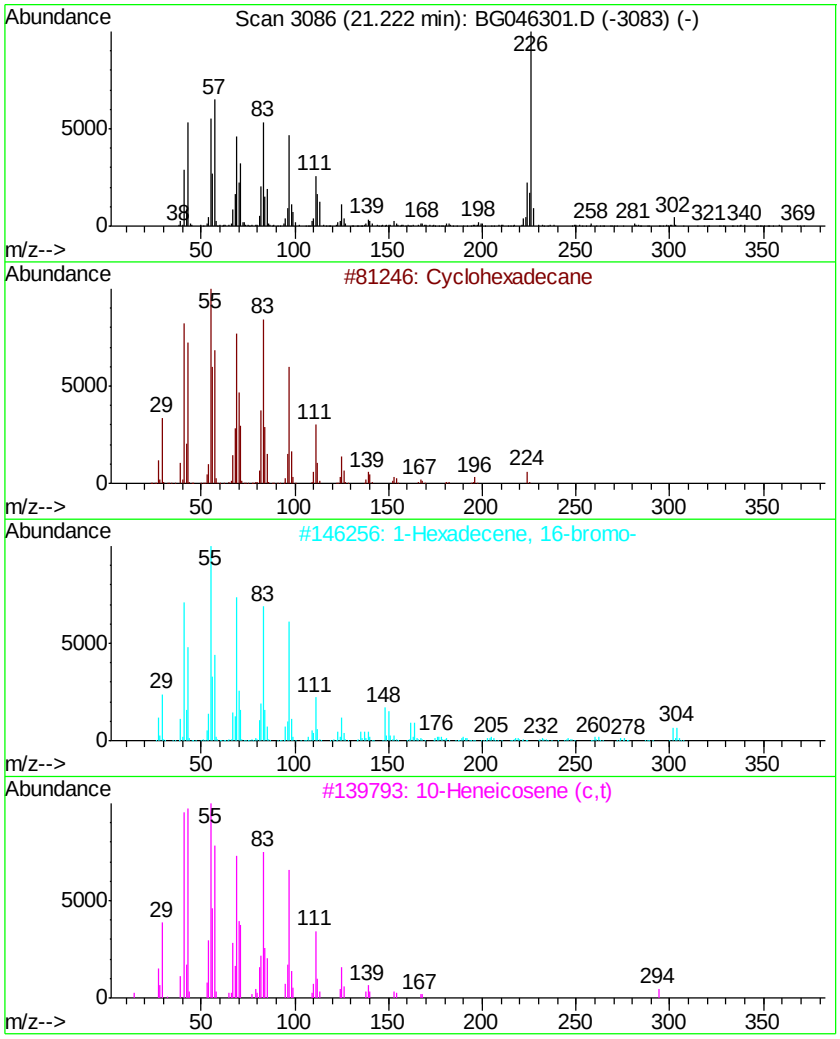
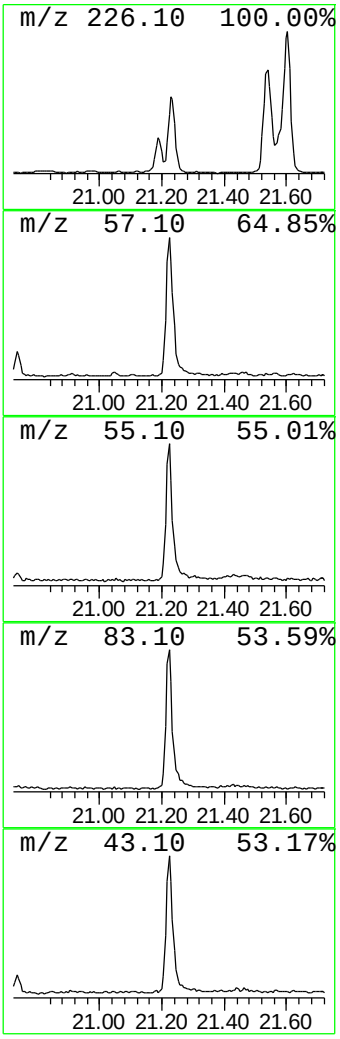
Peak Number 39 (DEL) Alkane: Cyclic21.22 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.22	6.82 ng/ul	1159170	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	95
2	1-Hexadecene, 16-bromo-	302	C16H31Br	118625-56-2	83
3	10-Heneicosene (c,t)	294	C21H42	095008-11-0	60
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	53
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	52





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046301.D
Acq On : 17 Aug 2020 17:11
Operator : CG/JU
Sample : L3632-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM87

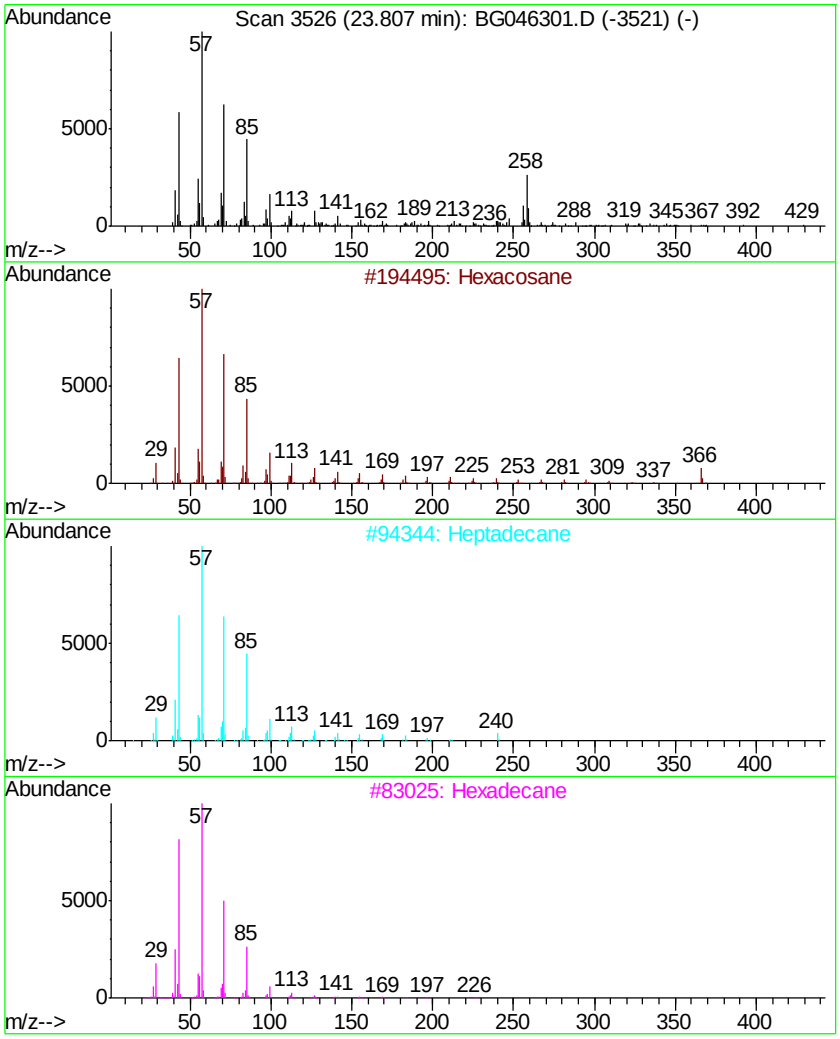
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

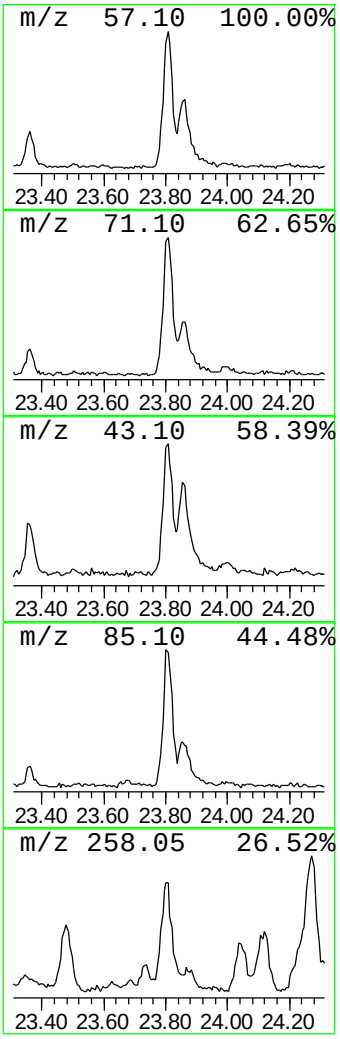
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 44 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.81	3.14 ng/ul	212580	Perylene-d12	24.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	96
2	Heptadecane	240	C17H36	000629-78-7	92
3	Hexadecane	226	C16H34	000544-76-3	91
4	Tricosane, 2-methyl-	338	C24H50	001928-30-9	83
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046301.D
Acq On : 17 Aug 2020 17:11
Operator : CG/JU
Sample : L3632-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM87

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

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

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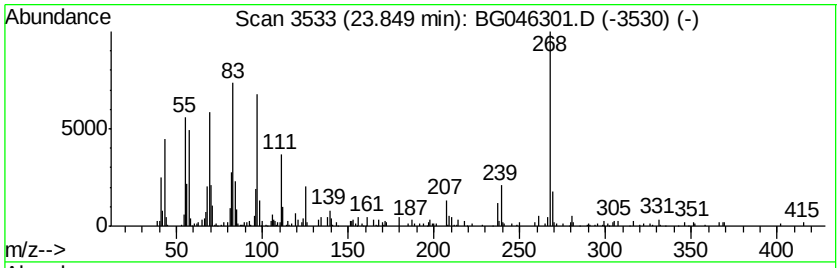
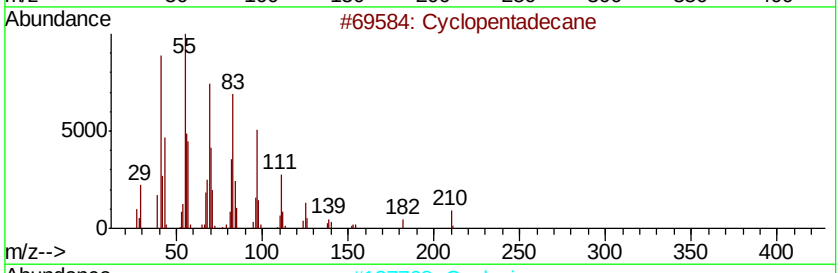
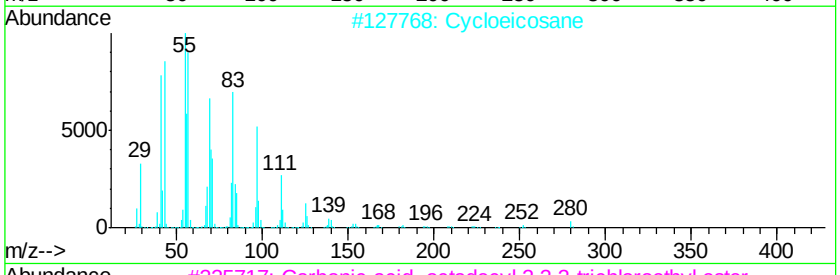
Peak Number 45 (DEL) Alkane: Cyclic23.85 Concentration Rank 28

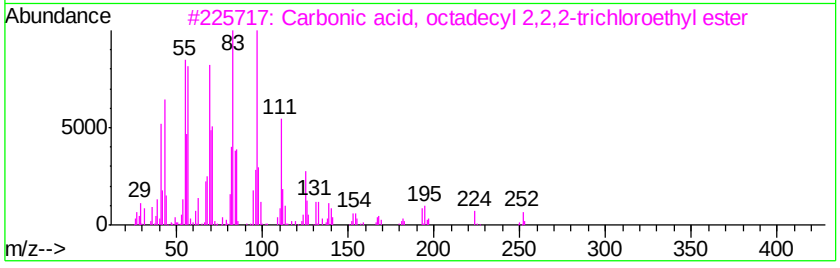
R.T.	EstConc	Area	Relative to ISTD	R.T.
23.85	4.19 ng/ul	283944	Perylene-d12	24.66

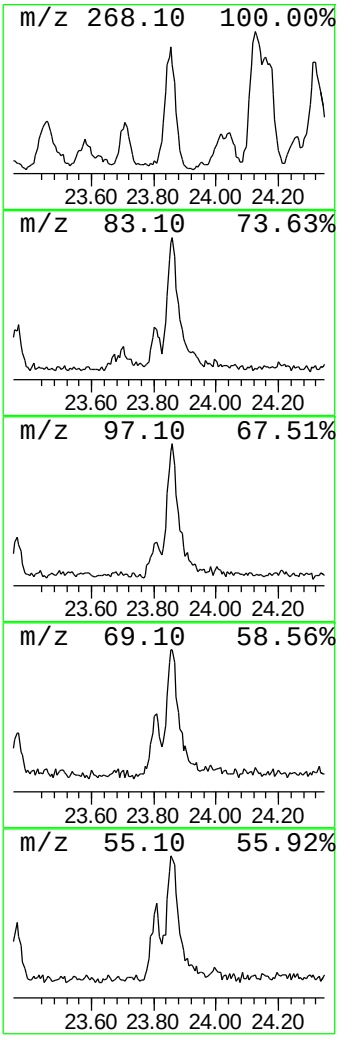
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	83
2	Cycloeicosane	280	C20H40	000296-56-0	78
3	Carbonic acid, octadecyl 2,2,2-t...	444	C21H39Cl3O3	1000314-56-3	64
4	11-Tricosene	322	C23H46	052078-56-5	64
5	1-Heneicosanol	312	C21H44O	015594-90-8	58











Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081720\
Data File : BG046301.D
Acq On : 17 Aug 2020 17:11
Operator : CG/JU
Sample : L3632-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM87

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.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
Butane, 2-methoxy...	3.14	90.4	ng/ul	1607570	1	7.94	355482	20.0
Hexanoic acid, 4-...	7.10	27.3	ng/ul	485302	1	7.94	355482	20.0
unknown-01	7.27	18.3	ng/ul	325024	1	7.94	355482	20.0
unknown-02	7.47	26.3	ng/ul	467802	1	7.94	355482	20.0
unknown-03	8.64	34.6	ng/ul	614202	1	7.94	355482	20.0
1H-Imidazole, 4-m...	9.09	24.2	ng/ul	429916	1	7.94	355482	20.0
unknown-04	9.81	13.2	ng/ul	375342	2	10.73	568573	20.0
unknown-05	10.86	17.8	ng/ul	506754	2	10.73	568573	20.0
Naphthalene, 1-me...	12.61	3.2	ng/ul	90523	2	10.73	568573	20.0
Naphthalene, 2,3-...	13.89	2.5	ng/ul	118853	3	14.57	933236	20.0
unknown-06	13.97	24.8	ng/ul	1158220	3	14.57	933236	20.0
Dimethyl phthalate	14.02	7.1	ng/ul	331110	3	14.57	933236	20.0
unknown-07	14.76	10.9	ng/ul	506499	3	14.57	933236	20.0
Dibenzofuran	14.96	5.2	ng/ul	240580	3	14.57	933236	20.0
unknown-08	15.67	12.3	ng/ul	574233	3	14.57	933236	20.0
[1,1'-Biphenyl]-4...	15.91	3.1	ng/ul	144680	3	14.57	933236	20.0
Dibenzofuran, 4-m...	16.06	2.8	ng/ul	169545	4	17.31	1195470	20.0
9H-Fluoren-9-one	16.96	8.5	ng/ul	509645	4	17.31	1195470	20.0
Benzo[b]benzofura...	17.04	2.2	ng/ul	133914	4	17.31	1195470	20.0
Naphtho[1,2-b]thi...	17.13	4.1	ng/ul	244670	4	17.31	1195470	20.0
5H-Indeno[1,2-b]p...	17.71	8.0	ng/ul	480596	4	17.31	1195470	20.0
Dibenzo[a,e]cyclo...	17.83	2.0	ng/ul	122659	4	17.31	1195470	20.0
Anthrone	17.89	2.7	ng/ul	161706	4	17.31	1195470	20.0
Anthracene, 9-met...	18.18	9.7	ng/ul	578745	4	17.31	1195470	20.0
Phenanthrene, 2-m...	18.23	14.9	ng/ul	891199	4	17.31	1195470	20.0
4H-Cyclopenta[def...	18.38	12.3	ng/ul	736382	4	17.31	1195470	20.0
5H-Dibenzo[a,d]cy...	18.41	6.7	ng/ul	402922	4	17.31	1195470	20.0
5,16[1',2']:8,13[...	18.68	7.1	ng/ul	425969	4	17.31	1195470	20.0
9,10-Anthracenedione	18.72	14.1	ng/ul	843584	4	17.31	1195470	20.0
Phenanthrene, 2,5...	19.10	7.3	ng/ul	435359	4	17.31	1195470	20.0
(DEL) Alkane: Cyc...	21.22	6.8	ng/ul	1159170	5	21.56	3399890	20.0
(DEL) Alkane: Str...	23.81	3.1	ng/ul	212580	6	24.66	1356010	20.0
(DEL) Alkane: Cyc...	23.85	4.2	ng/ul	283944	6	24.66	1356010	20.0