LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046257.D
Acq On : 13 Aug 2020 20:22
Operator : CG/JU
Sample : L3629-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM64

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	3.167	8	13	41	rVB	1399019	2769785	100.00%	7.559%
2	3.937	139	144	152	rVV	48175	75998	2.74%	0.207%
3	7.116	677	685	700	rVB	123503	225575	8.14%	0.616%
4	7.280	705	713	721	rBV	126315	215573	7.78%	0.588%
5	7.486	742	748	758	rVB	142398	245197	8.85%	0.669%
6	7.950	820	827	835	rBV	289116	491903	17.76%	1.342%
7	8.655	939	947	957	rBV	116535	205398	7.42%	0.561%
8	9.101	1016	1023	1033	rBV	141471	256317	9.25%	0.700%
9	9.824	1139	1146	1154	rVV	101802	184681	6.67%	0.504%
10	10.365	1229	1238	1247	rBV	168685	308274	11.13%	0.841%
11	10.747	1293	1303	1309	rBV	421102	738439	26.66%	2.015%
12	10.876	1317	1325	1336	rBV2	85289	167328	6.04%	0.457%
13	13.978	1844	1853	1857	rVV	393398	569517	20.56%	1.554%
14	14.025	1857	1861	1868	rVV	148239	211517	7.64%	0.577%
15	14.266	1895	1902	1917	rBV	429710	728517	26.30%	1.988%
16	14.572	1944	1954	1962	rBV2	655192	1050632	37.93%	2.867%
17	14.771	1982	1988	2002	rBV5	27964	75017	2.71%	0.205%
18	14.971	2018	2022	2030	rVV2	28445	47256	1.71%	0.129%
19	15.565	2115	2123	2129	rVV	595324	881285	31.82%	2.405%
20	15.617	2129	2132	2137	rVV2	39890	62996	2.27%	0.172%
21	15.676	2137	2142	2150	rVV	114593	186133	6.72%	0.508%
22	15.917	2177	2183	2191	rVB3	23594	40822	1.47%	0.111%
23	16.064	2203	2208	2216	rVB2	24594	50200	1.81%	0.137%
24	16.293	2238	2247	2255	rBV7	15742	33504	1.21%	0.091%
25	16.628	2300	2304	2309	rVV5	15086	30048	1.08%	0.082%
26	16.857	2335	2343	2346	rBV3	26708	45313	1.64%	0.124%
27	16.898	2346	2350	2353	rVV3	18822	28335	1.02%	0.077%
28	16.969	2357	2362	2370	rVB	68877	116476	4.21%	0.318%
29	17.051	2370	2376	2382	rBV2	23225	56362	2.03%	0.154%
30	17.139	2386	2391	2397	rVB	34788	56595	2.04%	0.154%
31	17.315	2414	2421	2425	rBV	841898	1300365	46.95%	3.549%
32	17.357	2425	2428	2433	rVV	883317	1223827	44.18%	3.340%
33	17.415	2433	2438	2448	rVB	593187	959569	34.64%	2.619%
34	17.715	2481	2489	2493	rBV2	33340	59838	2.16%	0.163%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046257.D
Acq On : 13 Aug 2020 20:22
Operator : CG/JU
Sample : L3629-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM64

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	17.832	2505	2509	2516	rVB2	38403	56954	2.06%	0.155%
36	17.897	2516	2520	2529	rVB5	29458	53434	1.93%	0.146%
37	17.997	2529	2537	2540	rBV5	14670	27132	0.98%	0.074%
38	18.109	2552	2556	2561	rBV3	17793	26575	0.96%	0.073%
39	18.191	2561	2570	2573	rBV	137682	225725	8.15%	0.616%
40	18.238	2575	2578	2584	rVV	184991	281048	10.15%	0.767%
41	18.320	2588	2592	2596	rVB	23743	34038	1.23%	0.093%
42	18.385	2596	2603	2607	rBV2	145997	283221	10.23%	0.773%
43	18.420	2607	2609	2616	rVB	93368	122775	4.43%	0.335%
44	18.514	2619	2625	2634	rBV10	17577	51710	1.87%	0.141%
45	18.690	2650	2655	2658	rVV	134850	213807	7.72%	0.583%
46	18.726	2658	2661	2667	rVV	180601	248108	8.96%	0.677%
47	18.937	2693	2697	2702	rVV2	42444	59727	2.16%	0.163%
48	18.984	2702	2705	2709	rVV	38161	46275	1.67%	0.126%
49	19.025	2709	2712	2716	rVB	33140	40137	1.45%	0.110%
50	19.102	2718	2725	2730	rBV2	105598	190196	6.87%	0.519%
51	19.149	2730	2733	2735	rVV2	38864	50235	1.81%	0.137%
52	19.196	2739	2741	2744	rVV	29892	32765	1.18%	0.089%
53	19.243	2744	2749	2757	rVB	130102	217317	7.85%	0.593%
54	19.366	2759	2770	2777	rBV	1515071	2149146	77.59%	5.865%
55	19.431	2777	2781	2784	rBV	32197	43472	1.57%	0.119%
56	19.466	2784	2787	2792	rVV4	21729	40093	1.45%	0.109%
57	19.513	2792	2795	2799	rVB	47158	56207	2.03%	0.153%
58	19.560	2799	2803	2806	rBV2	45224	61220	2.21%	0.167%
59	19.607	2808	2811	2814	rVB	32507	40006	1.44%	0.109%
60	19.695	2821	2826	2829	rBV2	909832	1523183	54.99%	4.157%
61	19.724	2829	2831	2839	rVV	1329597	1770600	63.93%	4.832%
62	19.801	2839	2844	2850	rVB2	68411	114124	4.12%	0.311%
63	19.906	2857	2862	2868	rBV	72783	110929	4.00%	0.303%
64	19.959	2868	2871	2876	rVB4	37558	58962	2.13%	0.161%
65	20.047	2880	2886	2894	rBV3	111651	319901	11.55%	0.873%
66	20.189	2904	2910	2912	rBV3	79664	152113	5.49%	0.415%
67	20.218	2912	2915	2919	rVB	126525	167298	6.04%	0.457%
68	20.253	2919	2921	2925	rVB2	24824	25029	0.90%	0.068%
69	20.318	2928	2932	2935	rVV2	43814	56426	2.04%	0.154%
70	20.377	2935	2942	2947	rBV2	143015	251659	9.09%	0.687%
71	20.459	2952	2956	2961	rBV3	27942	46020	1.66%	0.126%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046257.D
Acq On : 13 Aug 2020 20:22
Operator : CG/JU
Sample : L3629-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM64

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	20.518	2962	2966	2969	rBV	75754	96596	3.49%	0.264%
73	20.565	2969	2974	2977	rVB2	74612	109569	3.96%	0.299%
74	20.776	3007	3010	3013	rBV4	21995	31903	1.15%	0.087%
75	20.970	3039	3043	3051	rVB	183028	264510	9.55%	0.722%
76	21.152	3067	3074	3077	rBV2	87998	203792	7.36%	0.556%
77	21.193	3077	3081	3084	rVV	125247	187786	6.78%	0.512%
78	21.234	3084	3088	3094	rVV3	313755	582218	21.02%	1.589%
79	21.293	3094	3098	3108	rVB	172727	302469	10.92%	0.825%
80	21.469	3126	3128	3132	rVB	46103	44992	1.62%	0.123%
81	21.557	3135	3143	3148	rBV2	1070633	2429053	87.70%	6.629%
82	21.604	3148	3151	3163	rVB	572758	966297	34.89%	2.637%
83	21.775	3173	3180	3183	rBV2	71725	161832	5.84%	0.442%
84	21.816	3184	3187	3192	rVB2	59766	96720	3.49%	0.264%
85	21.951	3206	3210	3217	rBV4	56181	112455	4.06%	0.307%
86	22.274	3262	3265	3270	rVB	89342	142243	5.14%	0.388%
87	22.345	3273	3277	3278	rBV2	88093	110643	3.99%	0.302%
88	22.533	3307	3309	3314	rVB	35560	46109	1.66%	0.126%
89	23.044	3391	3396	3401	rVB	72522	126158	4.55%	0.344%
90	23.373	3449	3452	3462	rVB4	78244	153557	5.54%	0.419%
91	23.690	3497	3506	3513	rBV	425920	1402895	50.65%	3.829%
92	23.820	3522	3528	3533	rBV	164473	330985	11.95%	0.903%
93	23.872	3533	3537	3542	rVB3	87695	169414	6.12%	0.462%
94	24.378	3616	3623	3629	rBV	218951	557372	20.12%	1.521%
95	24.454	3629	3636	3642	rVV	391133	1041639	37.61%	2.843%
96	24.519	3642	3647	3660	rVB	322567	888103	32.06%	2.424%
97	24.671	3662	3673	3680	rBV2	542467	1524723	55.05%	4.161%
98	24.736	3680	3684	3699	rVB3	157137	441960	15.96%	1.206%
99	25.829	3862	3870	3879	rVB2	150190	410137	14.81%	1.119%
100	28.167	4258	4268	4292	rVB4	163026	760310	27.45%	2.075%

Sum of corrected areas: 36642599

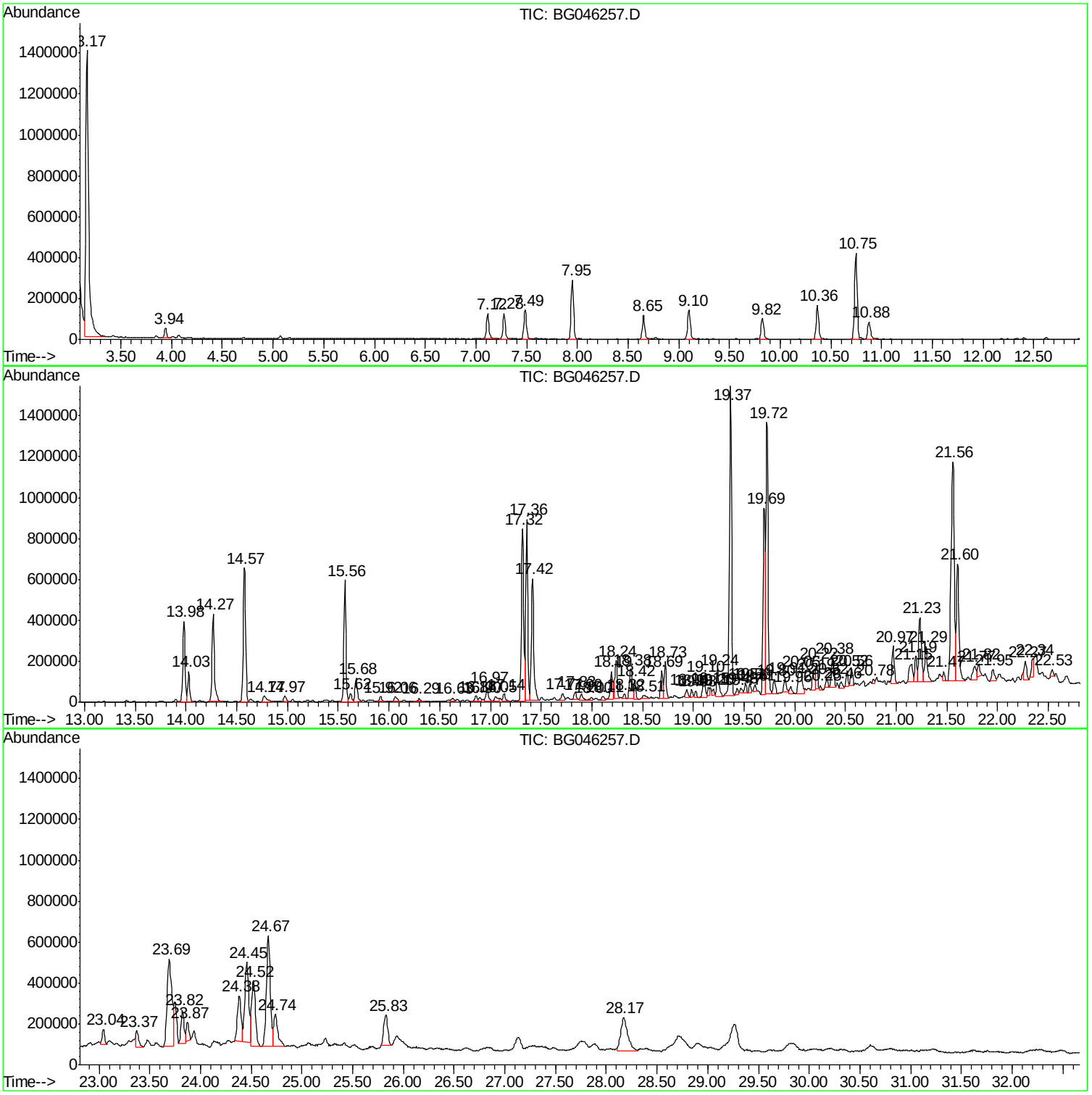
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046257.D
Acq On : 13 Aug 2020 20:22
Operator : CG/JU
Sample : L3629-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM64

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046257.D
Acq On : 13 Aug 2020 20:22
Operator : CG/JU
Sample : L3629-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM64

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

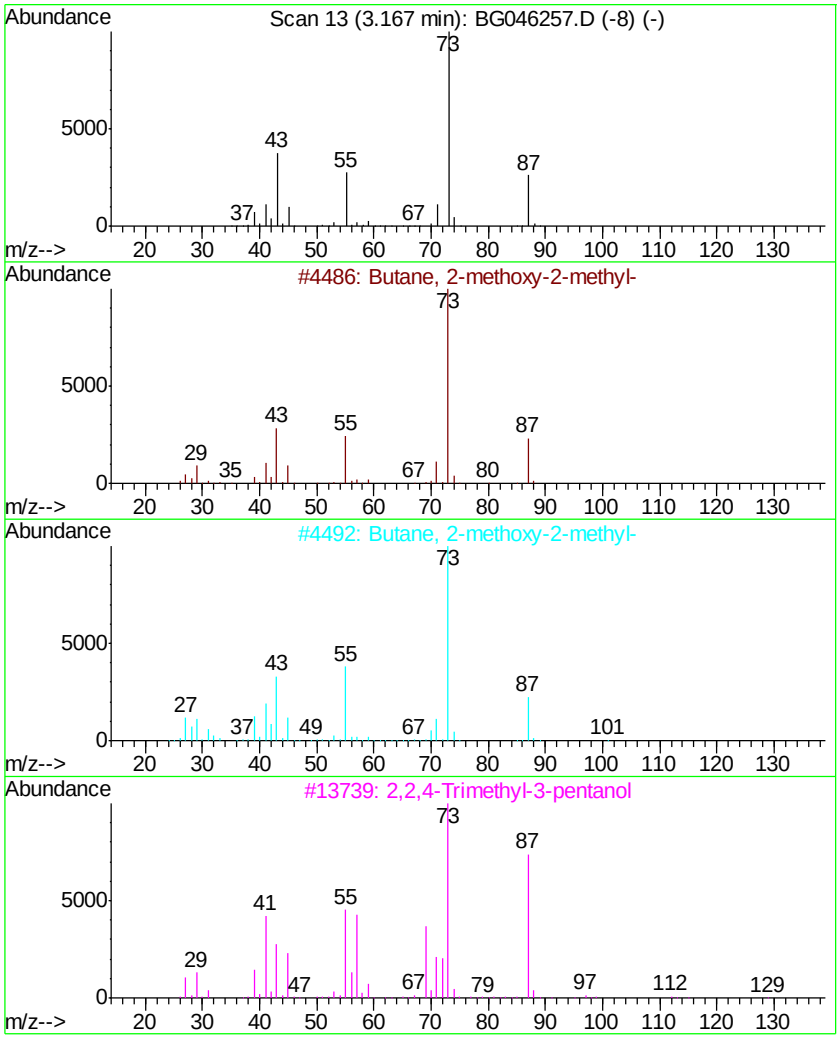
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

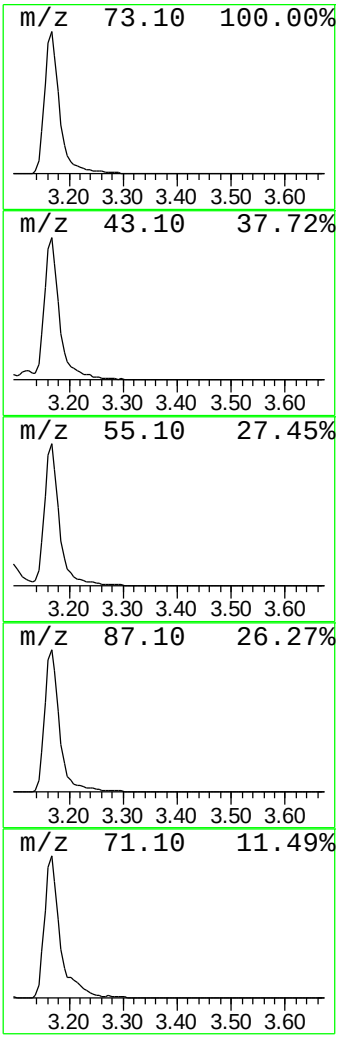
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.17	112.62 ng/ul	2769790	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	59
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046257.D
Acq On : 13 Aug 2020 20:22
Operator : CG/JU
Sample : L3629-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM64

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

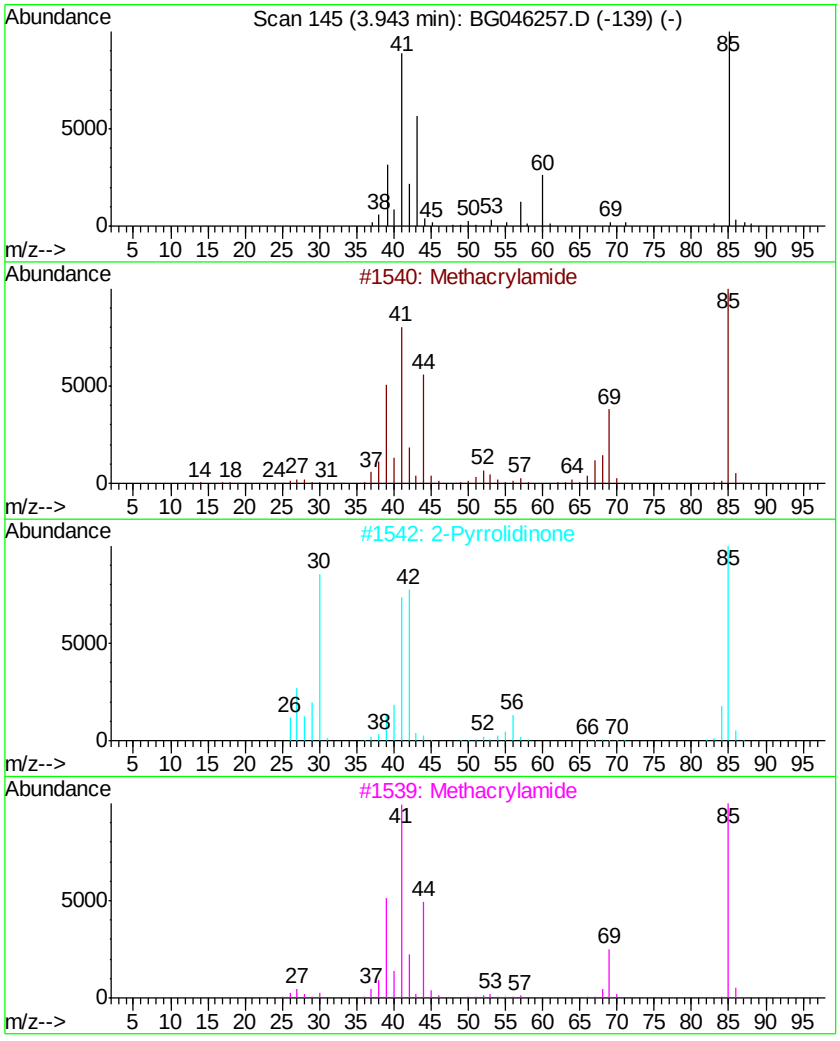
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

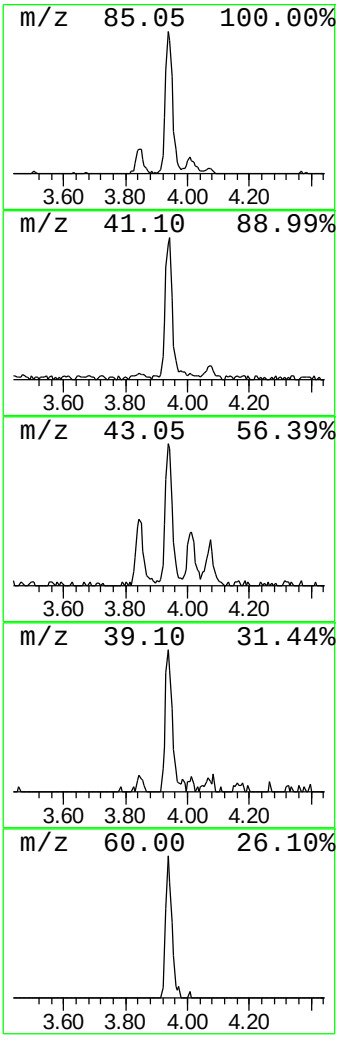
****

Peak Number 2 unknown-01 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.94	3.09 ng/ul	75998	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methacrylamide	85	C4H7NO	000079-39-0	42
2	2-Pyrrolidinone	85	C4H7NO	000616-45-5	37
3	Methacrylamide	85	C4H7NO	000079-39-0	36
4	Thiazole	85	C3H3NS	000288-47-1	25
5	(S)-(-)-1-Amino-2-(methoxymethyl...	130	C6H14N2O	059983-39-0	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046257.D
Acq On : 13 Aug 2020 20:22
Operator : CG/JU
Sample : L3629-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM64

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

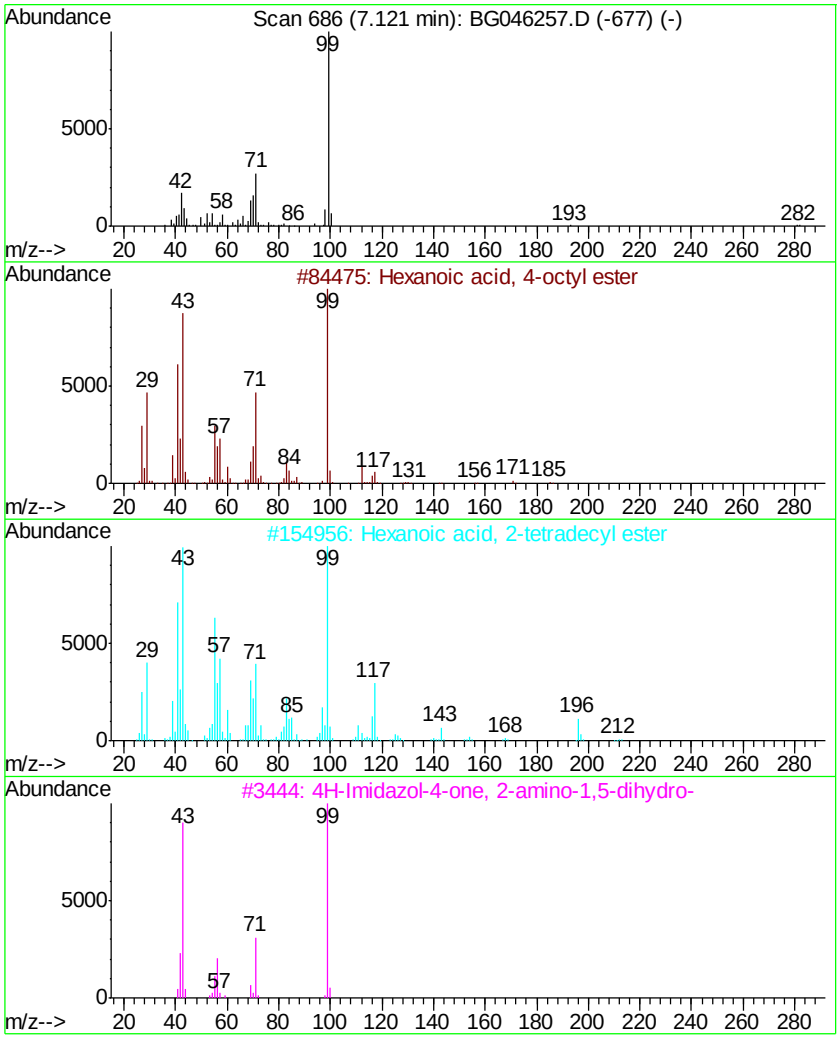
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

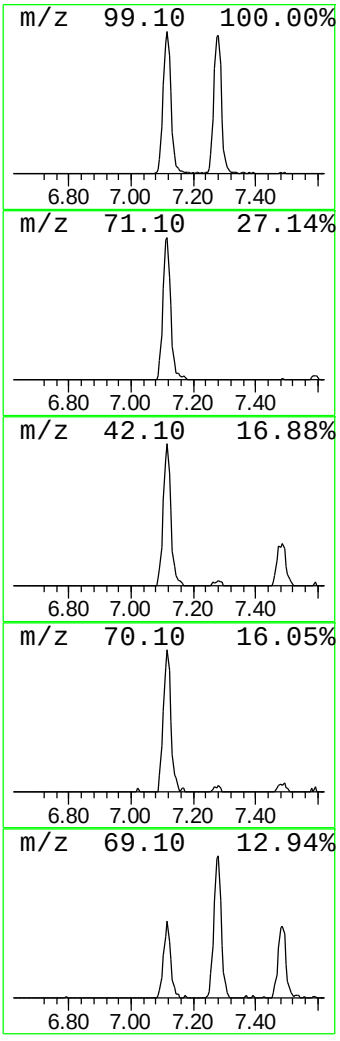
****

Peak Number 3 Hexanoic acid, 4-octyl ester Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.12	9.17 ng/ul	225575	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 4-octyl ester	228	C14H28O2	1000160-13-3	72
2	Hexanoic acid, 2-tetradecyl ester	312	C20H40O2	055193-21-0	72
3	4H-Imidazol-4-one, 2-amino-1,5-d...	99	C3H5N3O	000503-86-6	64
4	Hexanoic acid, 4-tridecyl ester	298	C19H38O2	1000279-29-3	64
5	2(3H)-Furanone, 5-hexyldihydro-4...	184	C11H20O2	147254-33-9	56





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046257.D
Acq On : 13 Aug 2020 20:22
Operator : CG/JU
Sample : L3629-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM64

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

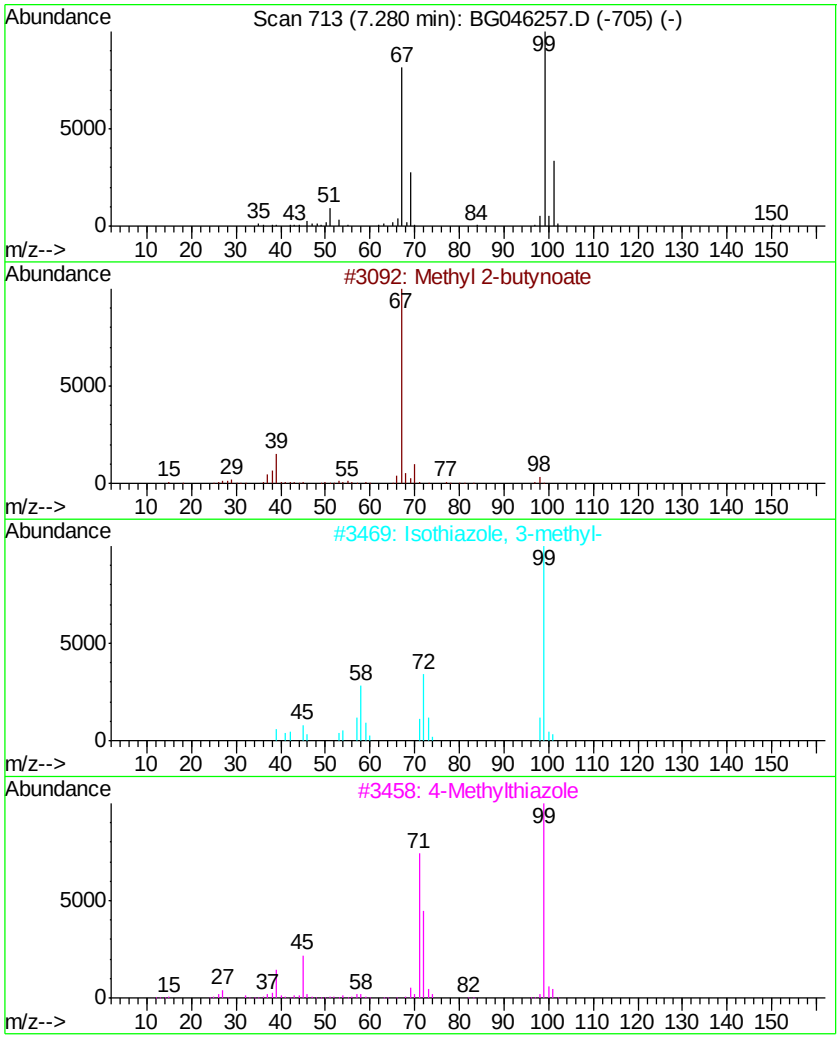
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

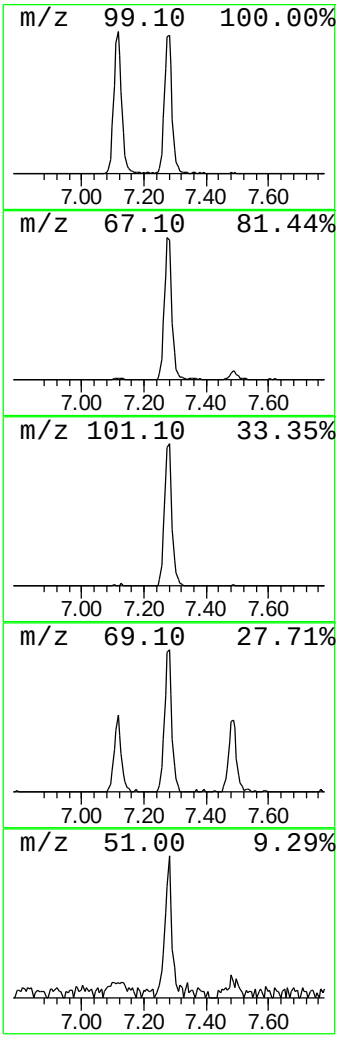
****

Peak Number 4 unknown-02 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.28	8.76 ng/ul	215573	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 2-butynoate	98	C5H6O2	023326-27-4	9
2	Isothiazole, 3-methyl-	99	C4H5NS	000693-92-5	9
3	4-Methylthiazole	99	C4H5NS	000693-95-8	9
4	3,5-Diamino-1,2,4-triazole	99	C2H5N5	001455-77-2	9
5	1-Butyne, 3,3-dimethyl-	82	C6H10	000917-92-0	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046257.D
Acq On : 13 Aug 2020 20:22
Operator : CG/JU
Sample : L3629-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM64

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

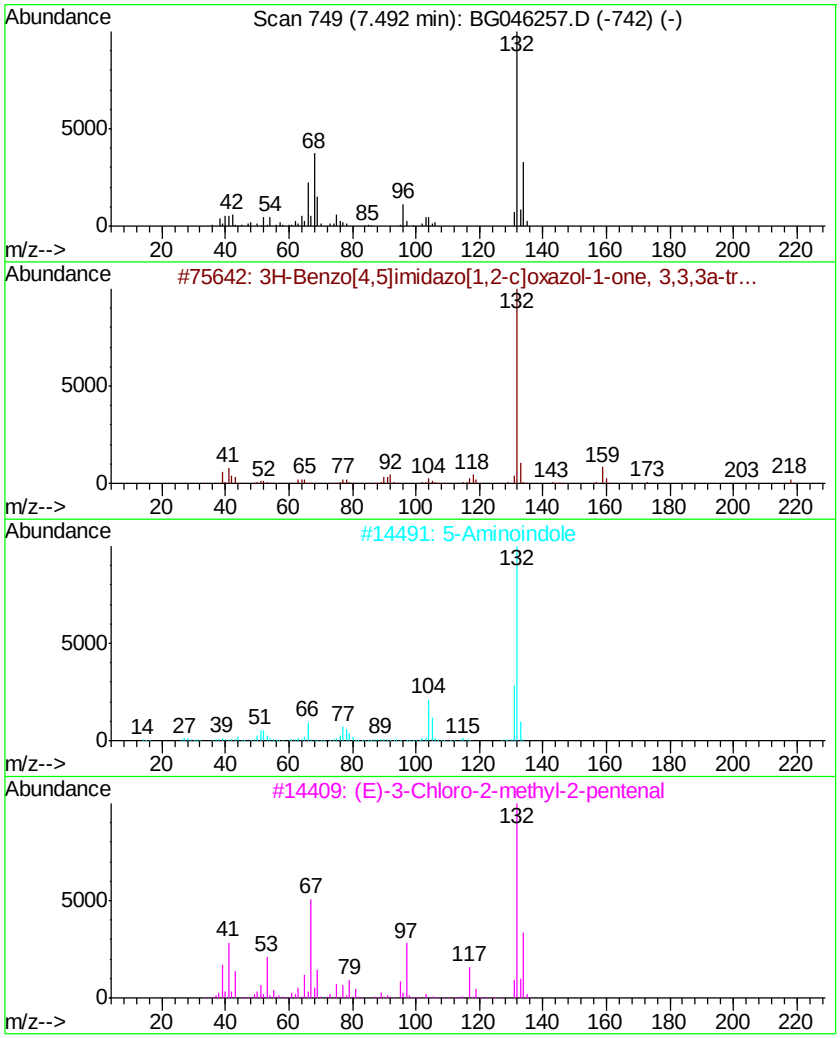
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

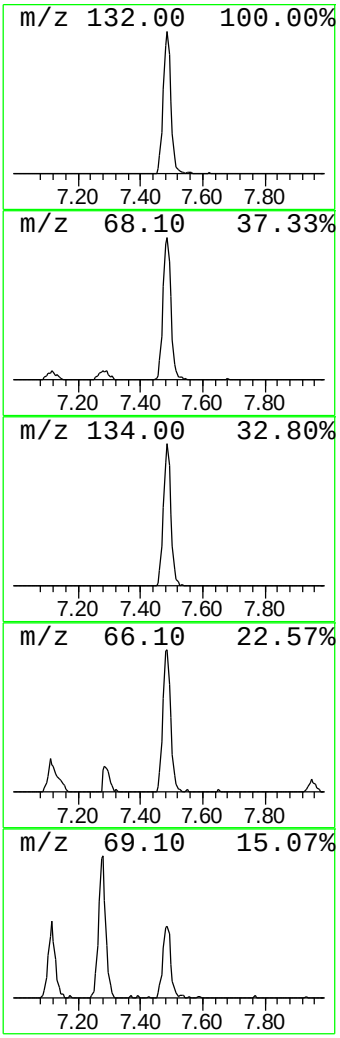
****

Peak Number 5 unknown-03 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.49	9.97 ng/ul	245197	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3H-Benzo[4,5]imidazo[1,2-c]oxazo...	218	C12H14N2O2	1000316-99-9	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	27
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	25
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16





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Data File : BG046257.D
Acq On : 13 Aug 2020 20:22
Operator : CG/JU
Sample : L3629-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM64

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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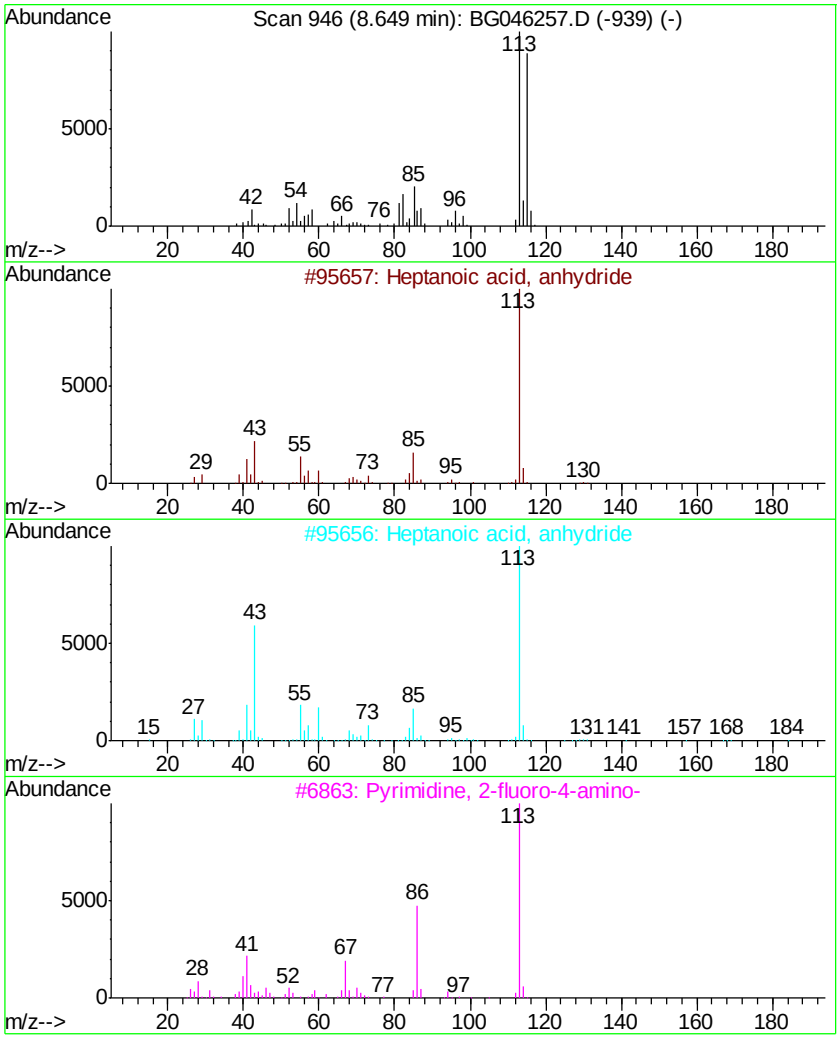
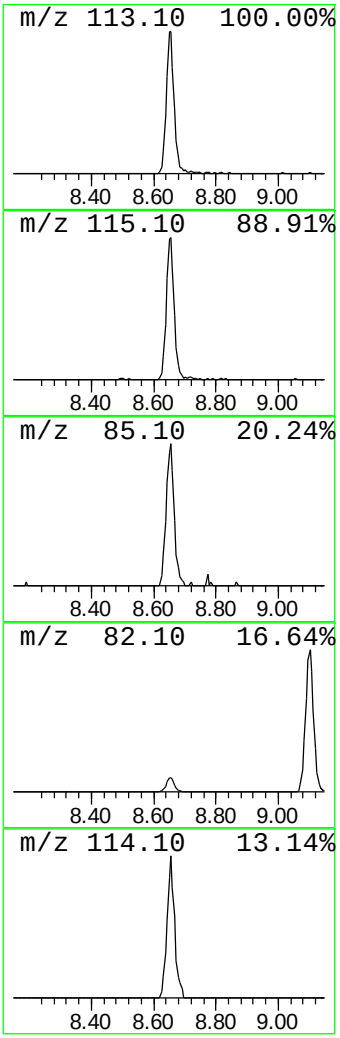
Peak Number 6 unknown-04 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	8.35 ng/ul	205398	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanoic acid, anhydride	242	C14H26O3	000626-27-7	43
2	Heptanoic acid, anhydride	242	C14H26O3	000626-27-7	37
3	Pyrimidine, 2-fluoro-4-amino-	113	C4H4FN3	096548-91-3	35
4	Heptanoic acid, anhydride	242	C14H26O3	000626-27-7	32
5	4-Chloropyridine	113	C5H4ClN	000626-61-9	25





Library Search Compound Report

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Data File : BG046257.D
Acq On : 13 Aug 2020 20:22
Operator : CG/JU
Sample : L3629-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM64

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Quant Title : SVOA CALIBRATION

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

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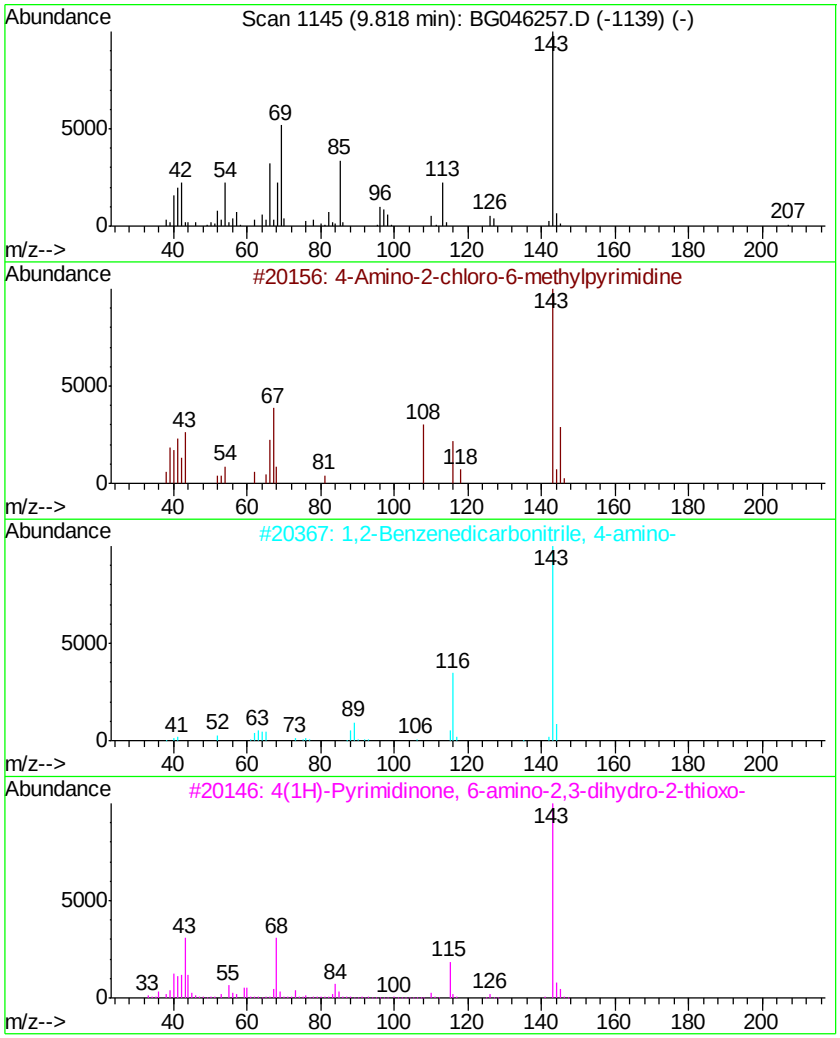
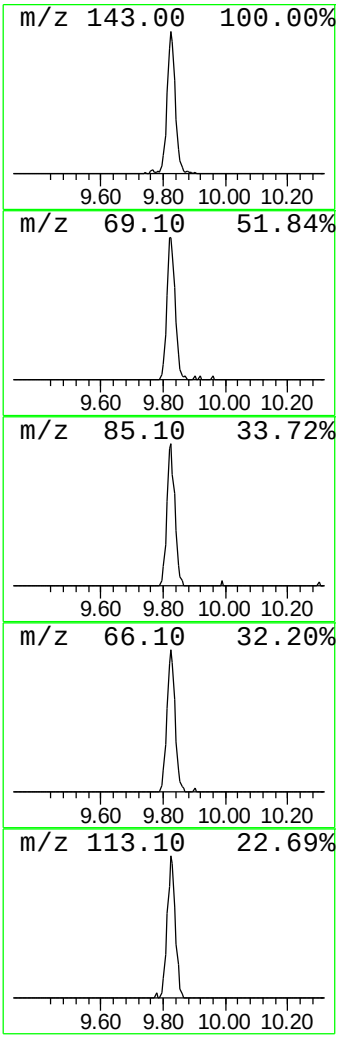
Peak Number 8 unknown-05 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	5.00 ng/ul	184681	Naphthalene-d8	10.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Amino-2-chloro-6-methylpyrimidine	143	C5H6ClN3	014394-60-6	33
2	1,2-Benzenedicarbonitrile, 4-amino-	143	C8H5N3	056765-79-8	18
3	4(1H)-Pyrimidinone, 6-amino-2,3-...	143	C4H5N3OS	001004-40-6	10
4	6-Chloro-N-methyl-3-pyridazinamine	143	C5H6ClN3	014959-32-1	10
5	1-(1-Butoxypropan-2-yloxy)propan...	274	C15H30O4	1000367-13-0	10





Library Search Compound Report

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Acq On : 13 Aug 2020 20:22
Operator : CG/JU
Sample : L3629-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM64

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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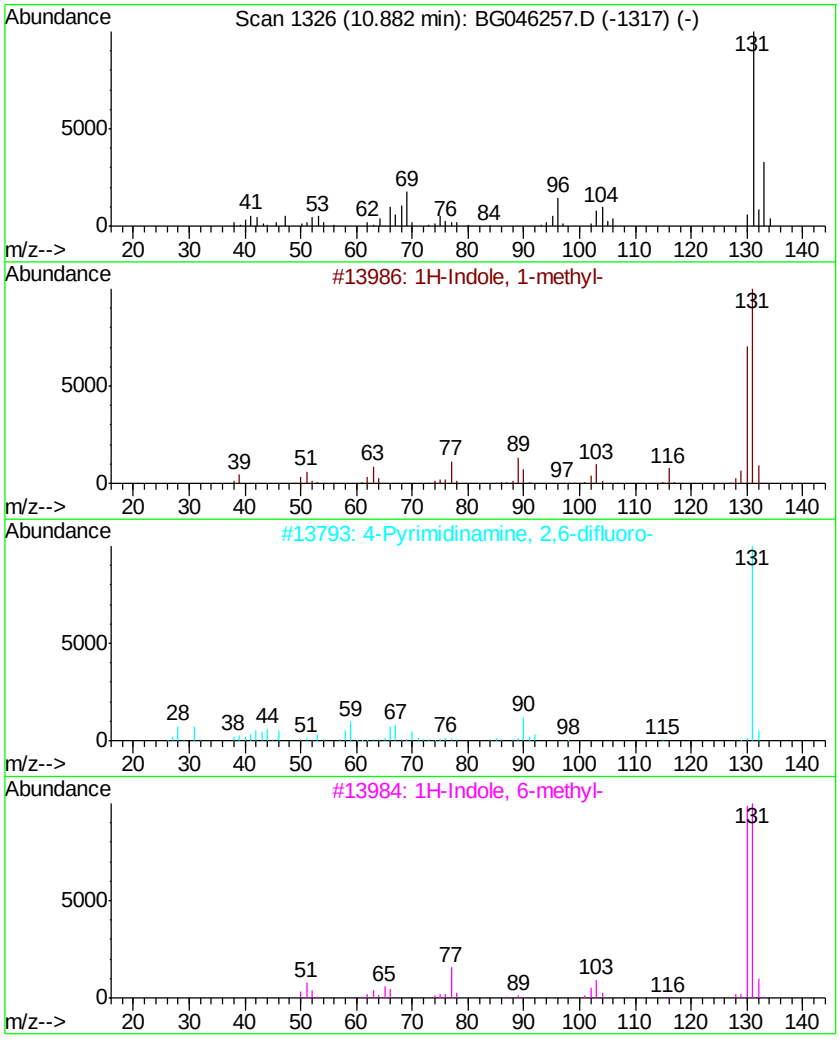
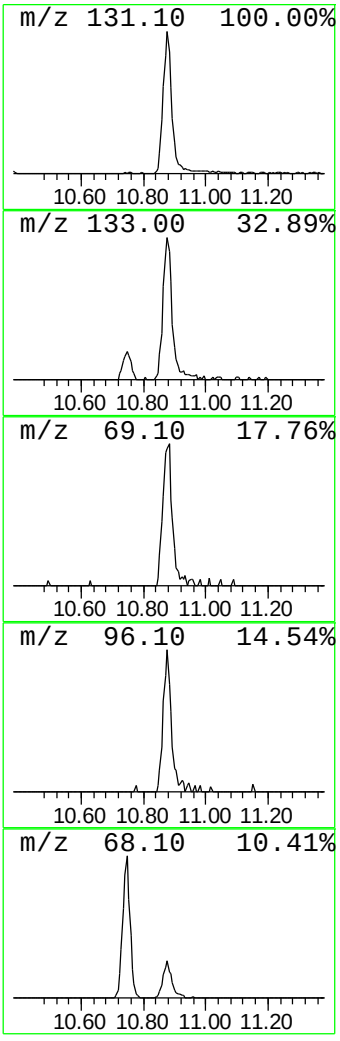
Peak Number 9 unknown-06 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.88	4.53 ng/ul	167328	Naphthalene-d8	10.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indole, 1-methyl-	131	C9H9N	000603-76-9	28
2	4-Pyrimidinamine, 2,6-difluoro-	131	C4H3F2N3	000675-12-7	9
3	1H-Indole, 6-methyl-	131	C9H9N	003420-02-8	9
4	1H-Indole, 4-methyl-	131	C9H9N	016096-32-5	9
5	1H-Indole, 5-methyl-	131	C9H9N	000614-96-0	9





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Operator : CG/JU
Sample : L3629-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM64

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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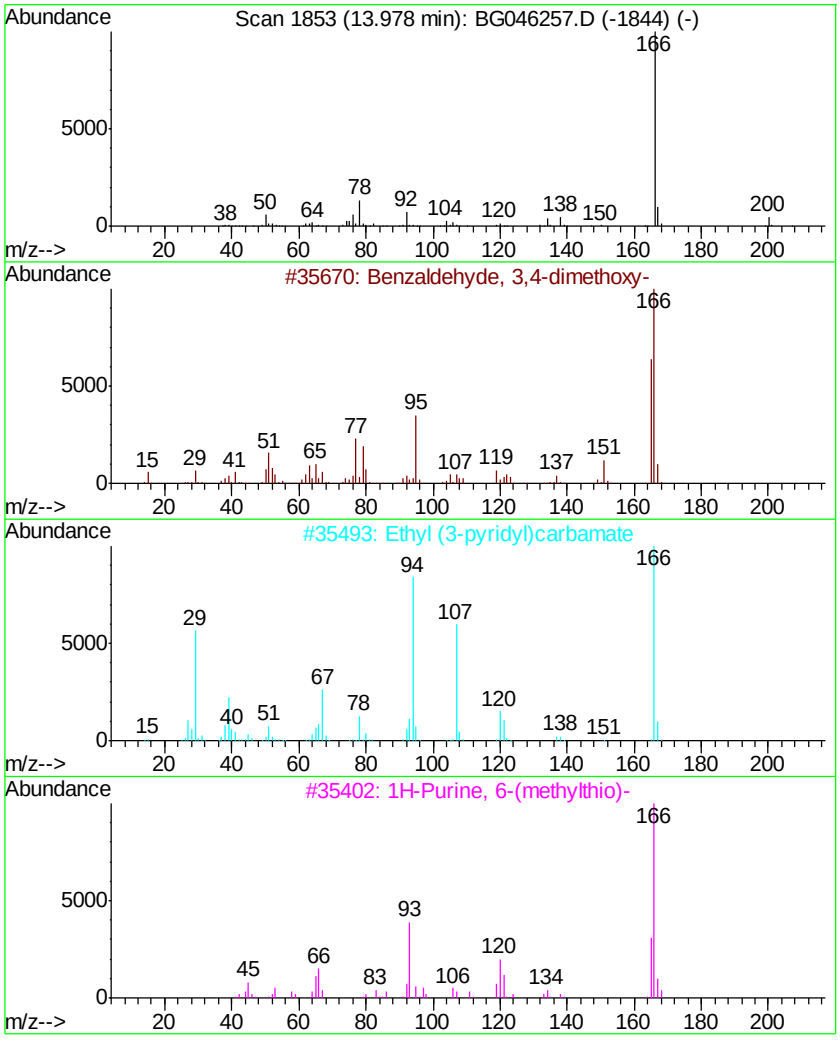
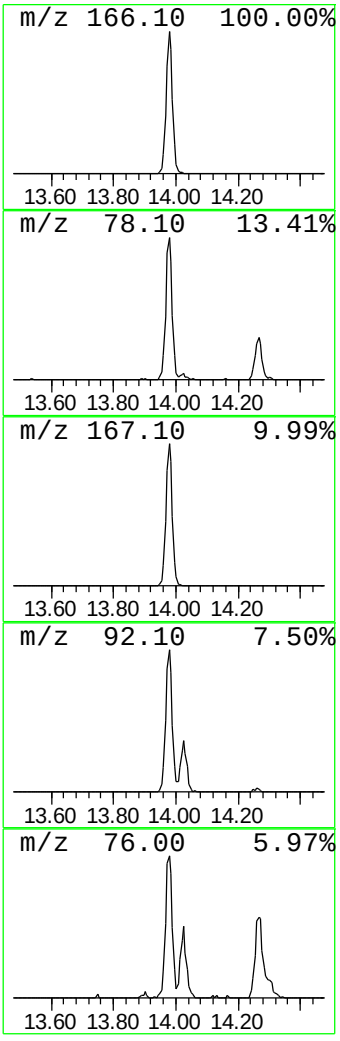
Peak Number 10 unknown-07 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.98	10.84 ng/ul	569517	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	Benzenamine, N,N-dimethyl-4-nitro-	166	C8H10N2O2	000100-23-2	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046257.D
Acq On : 13 Aug 2020 20:22
Operator : CG/JU
Sample : L3629-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM64

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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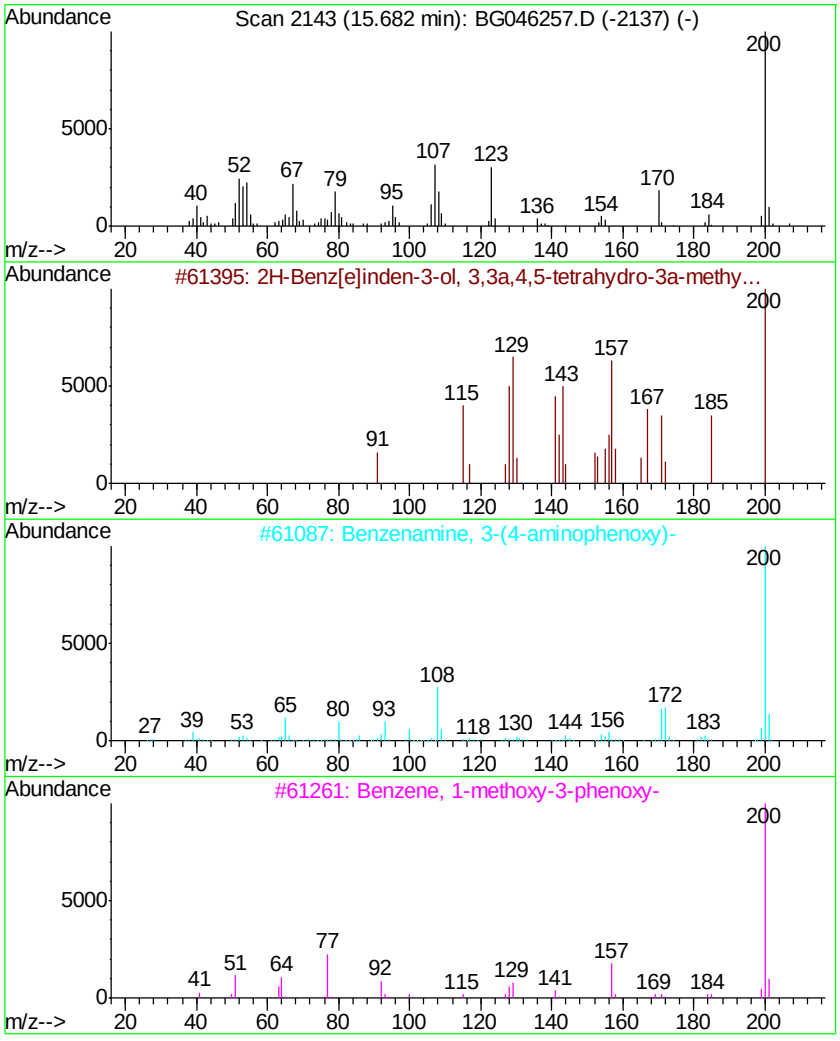
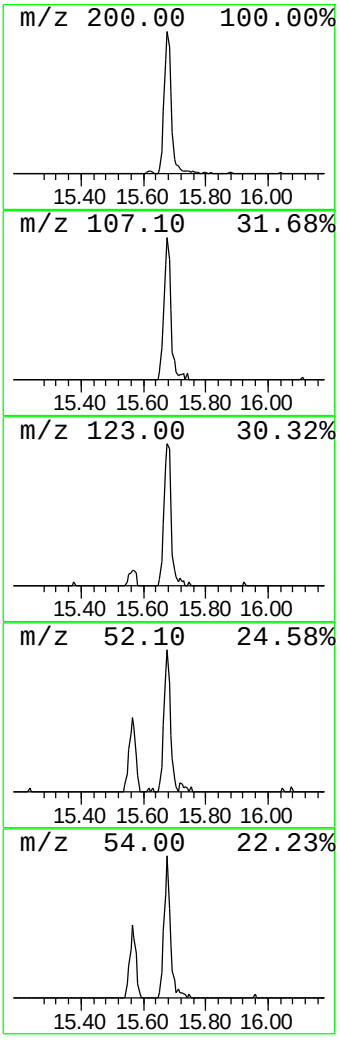
Peak Number 12 unknown-08 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	3.54 ng/ul	186133	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	35
2	Benzenamine, 3-(4-aminophenoxy)-	200	C12H12N2O	002657-87-6	10
3	Benzene, 1-methoxy-3-phenoxy-	200	C13H12O2	001655-68-1	10
4	Anthracene, 1,2,3,4,5,6,7,8-octa...	200	C15H20	1000159-30-4	9
5	Benzenamine, 4,4'-oxybis-	200	C12H12N2O	000101-80-4	9





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Acq On : 13 Aug 2020 20:22
Operator : CG/JU
Sample : L3629-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM64

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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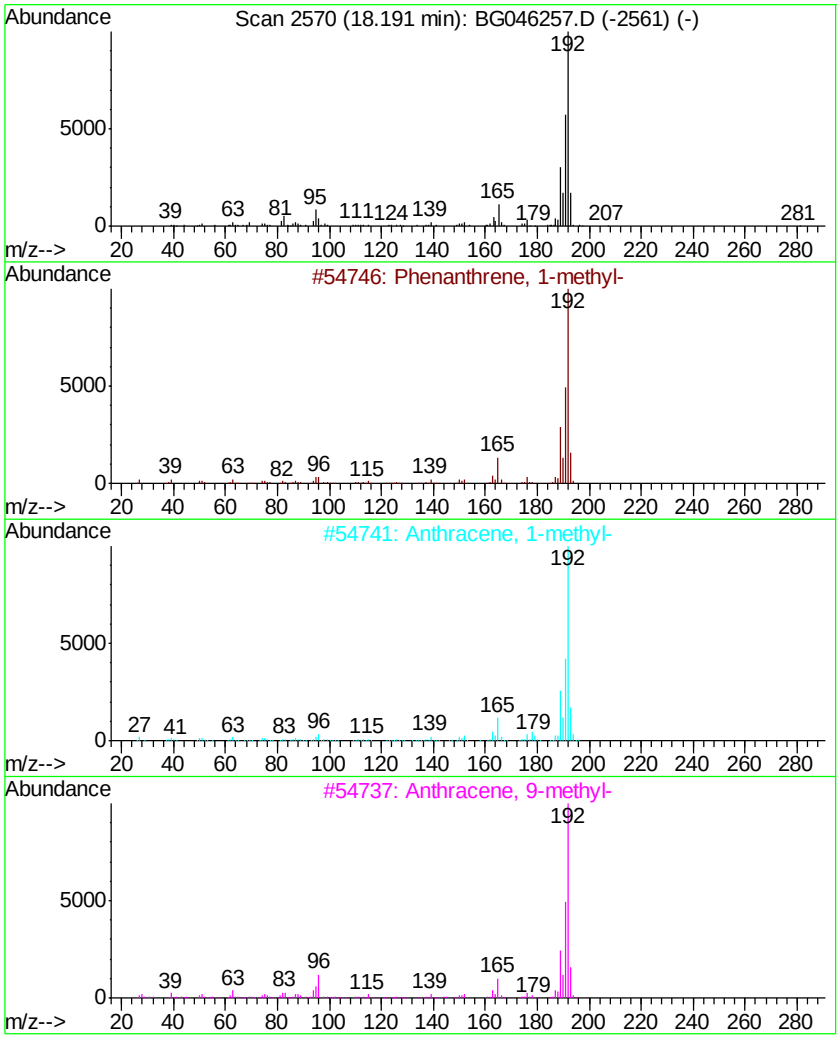
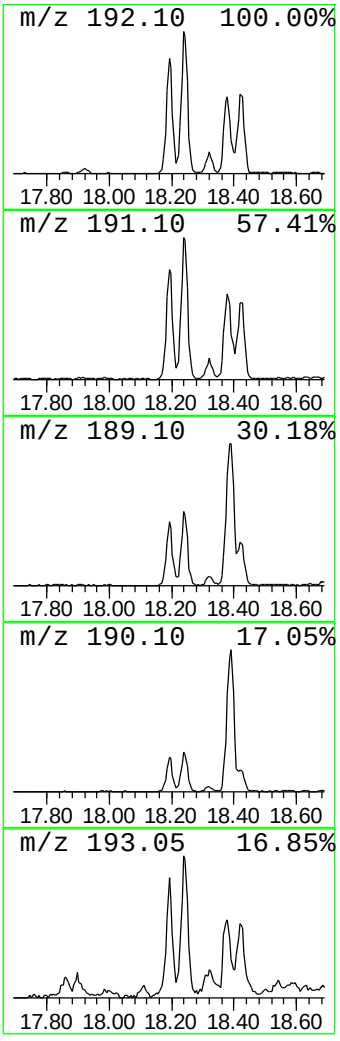
Peak Number 13 Phenanthrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.19	3.47 ng/ul	225725	Phenanthrene-d10	17.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91





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Acq On : 13 Aug 2020 20:22
Operator : CG/JU
Sample : L3629-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM64

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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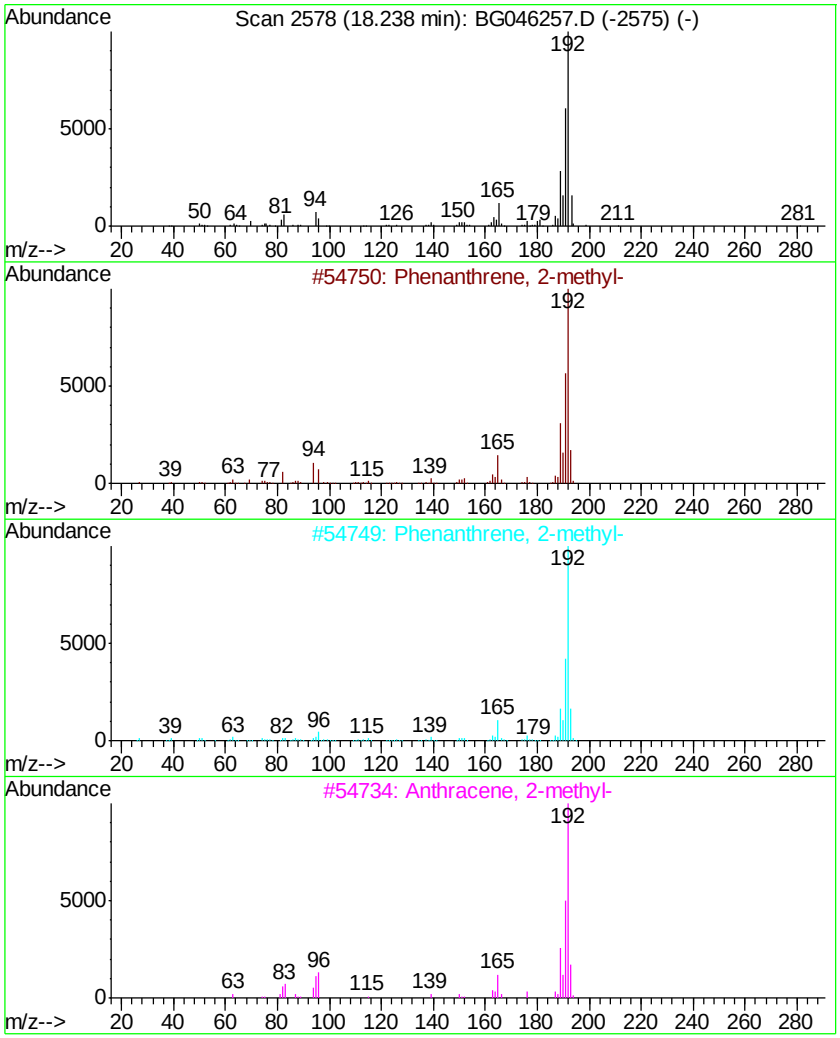
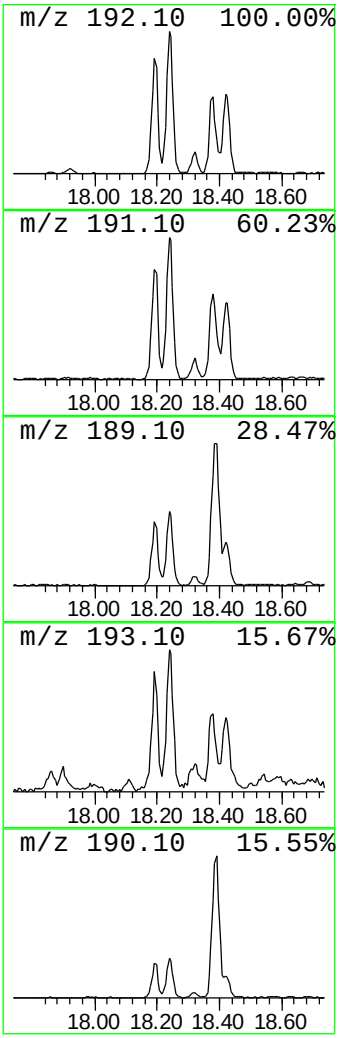
Peak Number 14 Phenanthrene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.24	4.32 ng/ul	281048	Phenanthrene-d10	17.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





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Operator : CG/JU
Sample : L3629-17
Misc :
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Instrument : BNA_G
ClientSampleId : BFM64

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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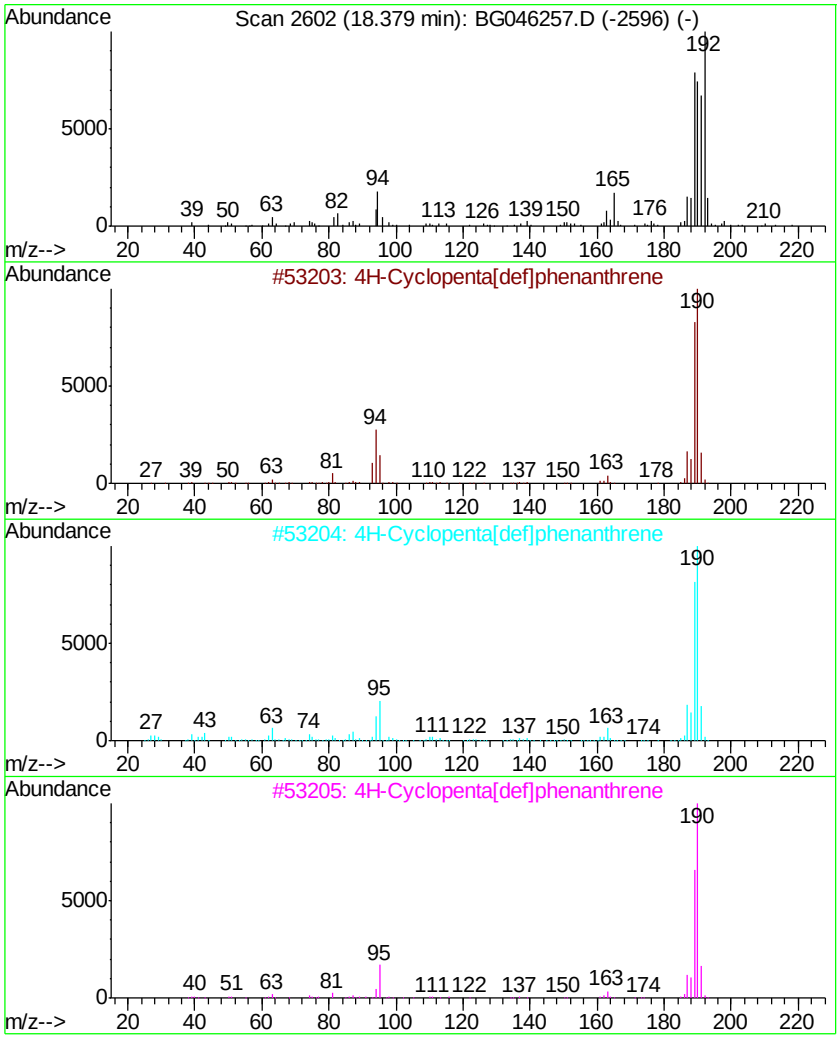
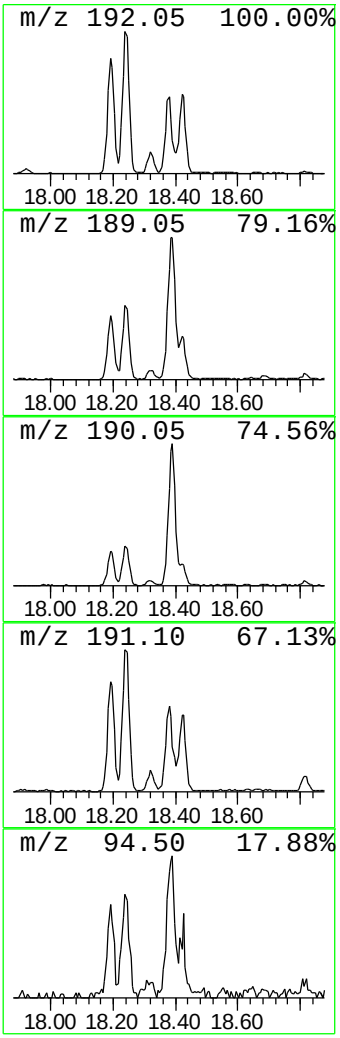
Peak Number 15 4H-Cyclopenta[def]phenanthrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	4.36 ng/ul	283221	Phenanthrene-d10	17.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	38
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	30
5	3-Bromo-2-furoic acid	190	C5H3BrO3	014903-90-3	27





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Sample : L3629-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM64

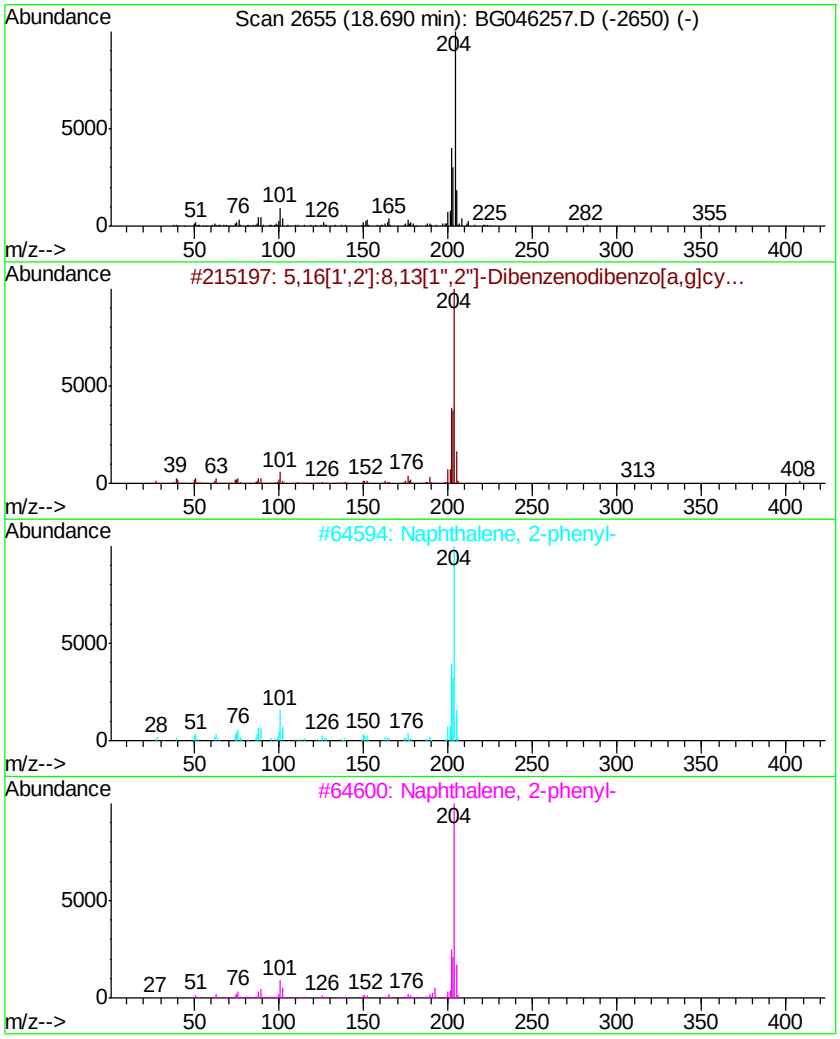
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

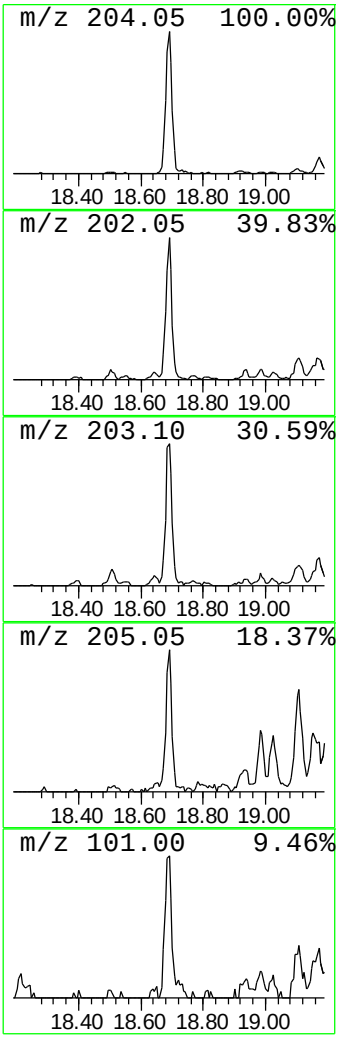
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.69	3.29 ng/ul	213807	Phenanthrene-d10	17.32

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	70
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70





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Sample : L3629-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM64

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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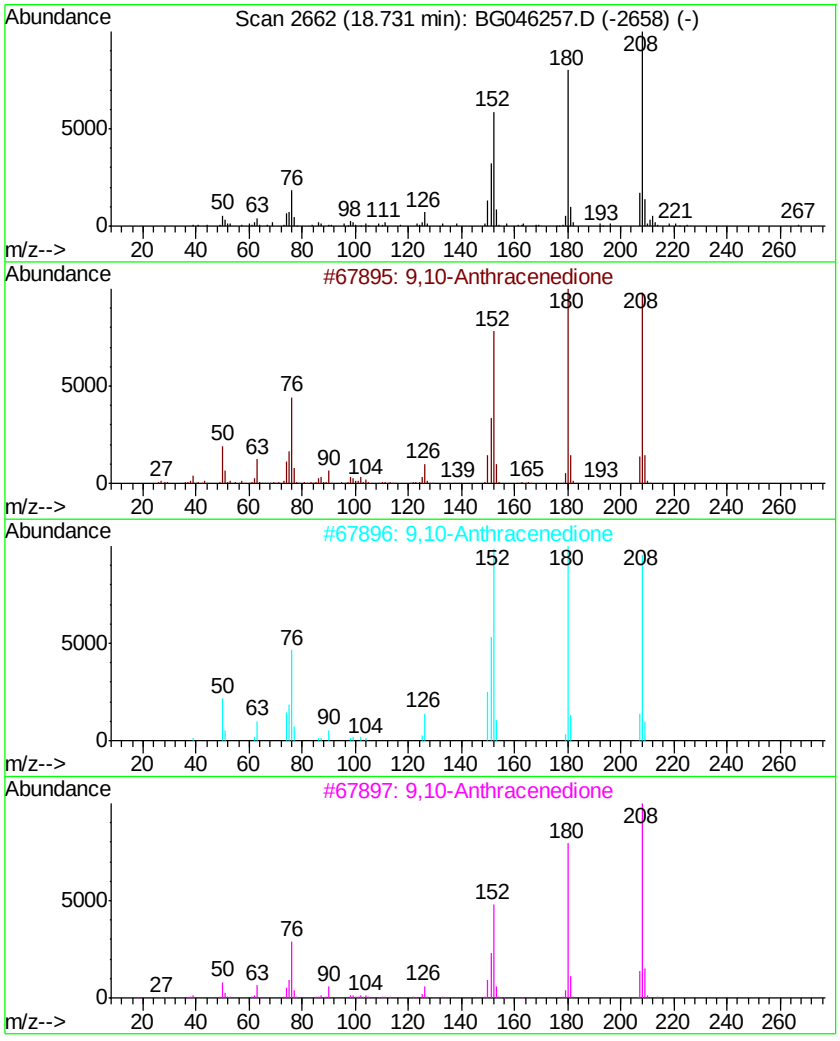
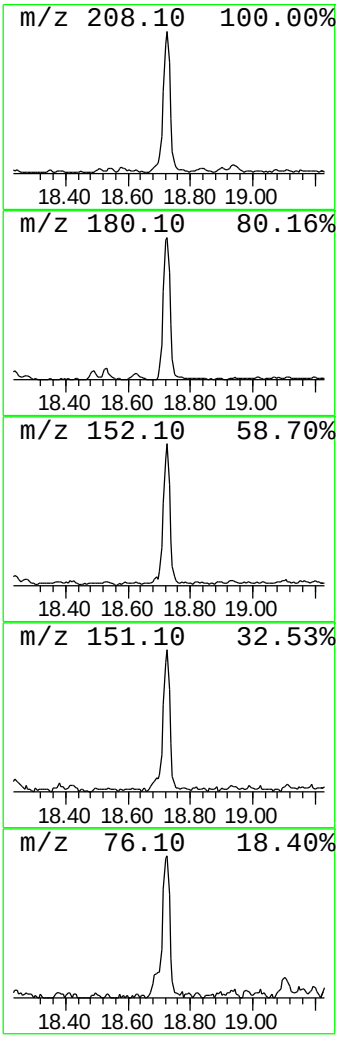
Peak Number 17 9,10-Anthracenedione Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.73	3.82 ng/ul	248108	Phenanthrene-d10	17.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	78
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60





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Instrument : BNA_G
ClientSampleId : BFM64

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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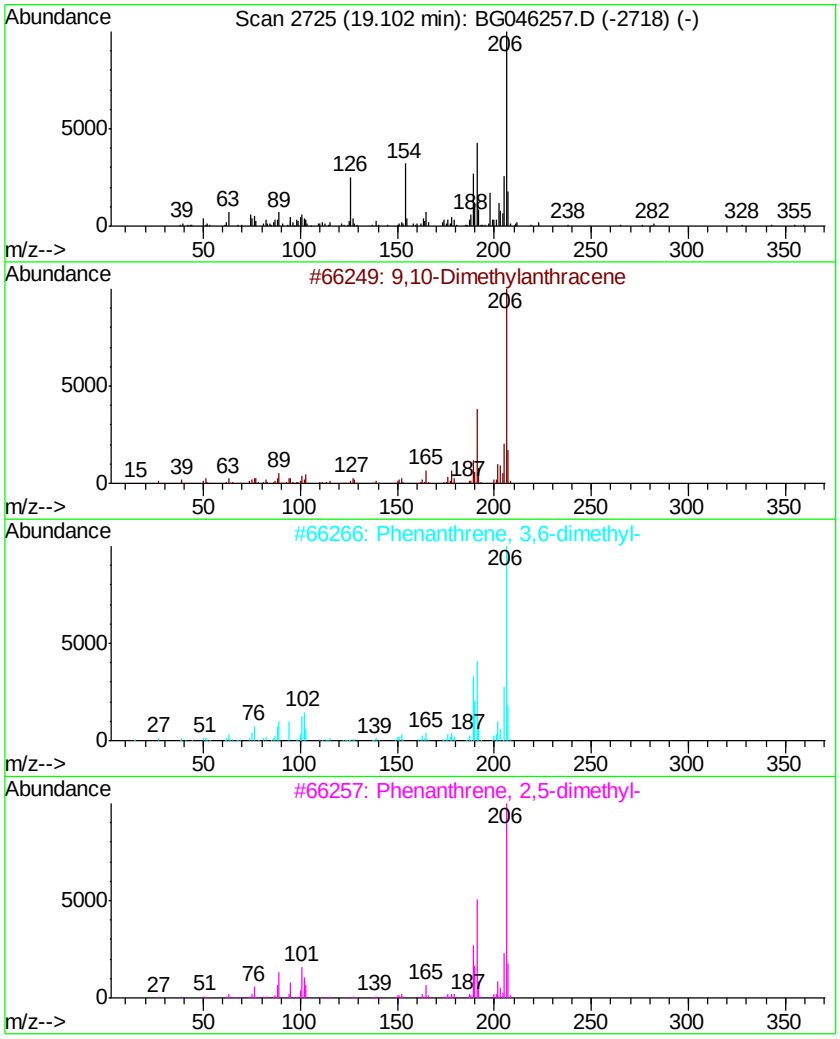
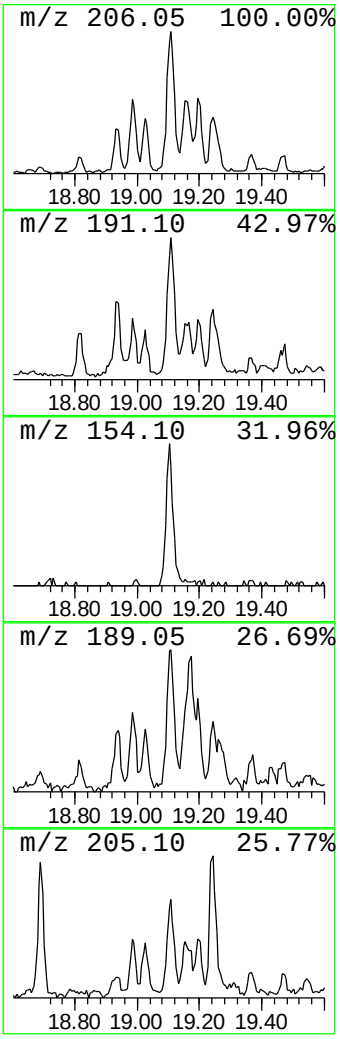
Peak Number 18 9,10-Dimethylanthracene Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.10	2.93 ng/ul	190196	Phenanthrene-d10	17.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	89
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	83
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	78
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	76





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Operator : CG/JU
Sample : L3629-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM64

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

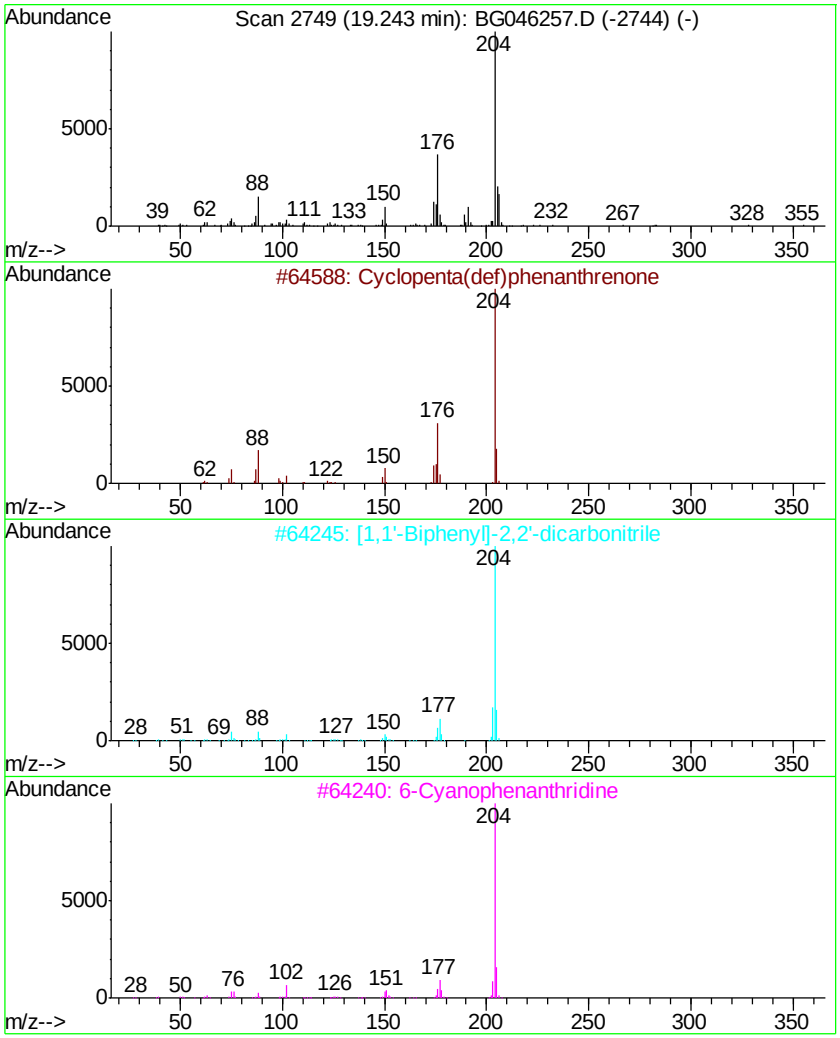
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

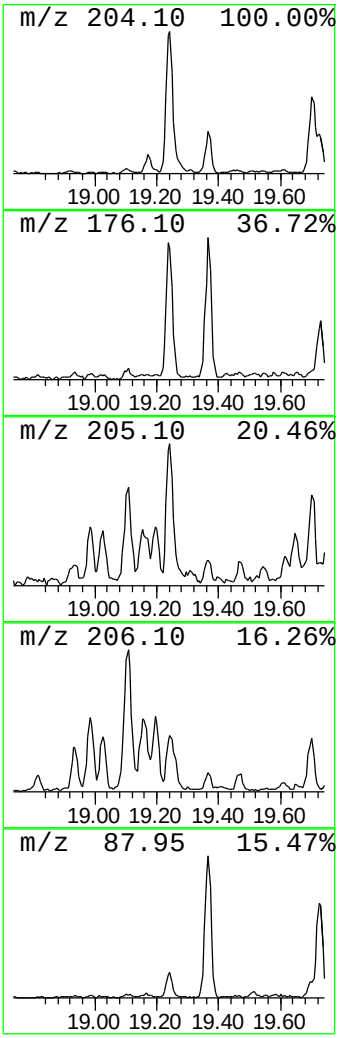
****

Peak Number 19 Cyclopenta(def)phenanthrenone Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.24	3.34 ng/ul	217317	Phenanthrene-d10	17.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	53
3	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	50
4	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	47
5	Quinoline, 8-methoxy-5-nitro-	204	C10H8N2O3	1000298-88-7	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046257.D
Acq On : 13 Aug 2020 20:22
Operator : CG/JU
Sample : L3629-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM64

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

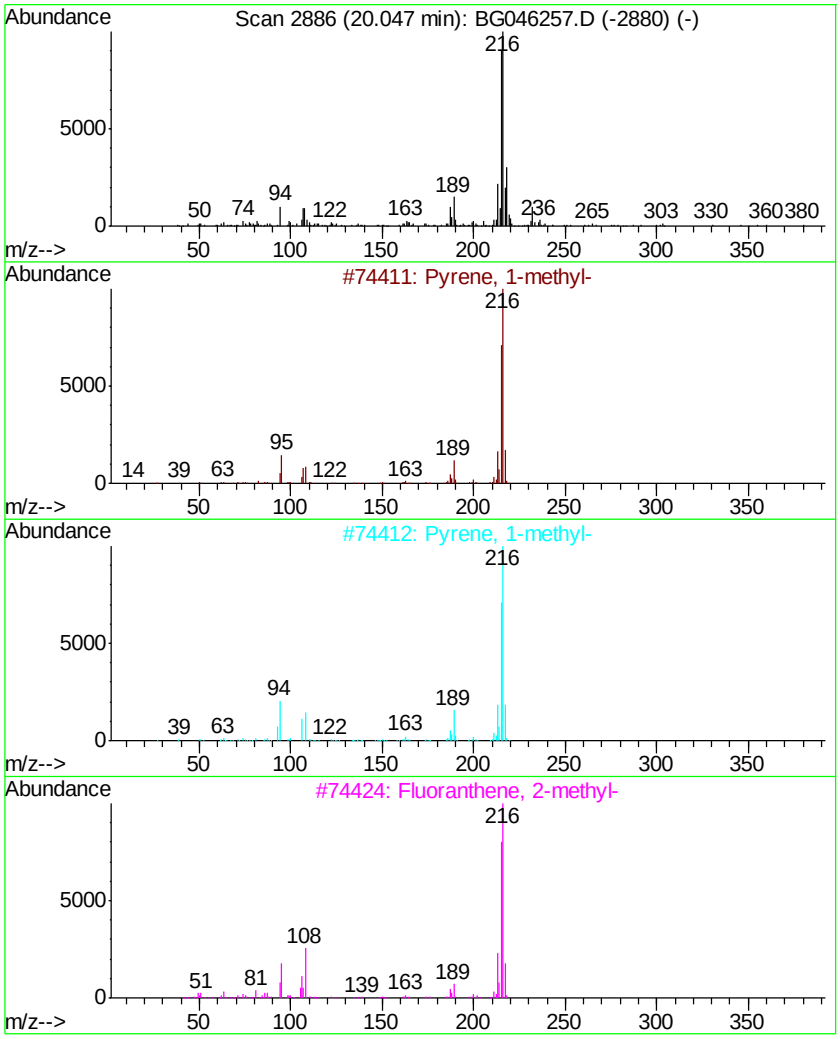
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

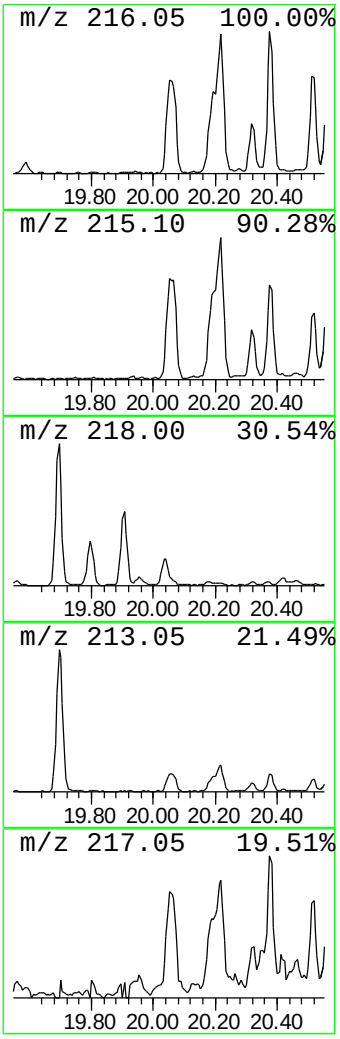
****

Peak Number 20 Pyrene, 1-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.05	2.63 ng/ul	319901	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046257.D
Acq On : 13 Aug 2020 20:22
Operator : CG/JU
Sample : L3629-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM64

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

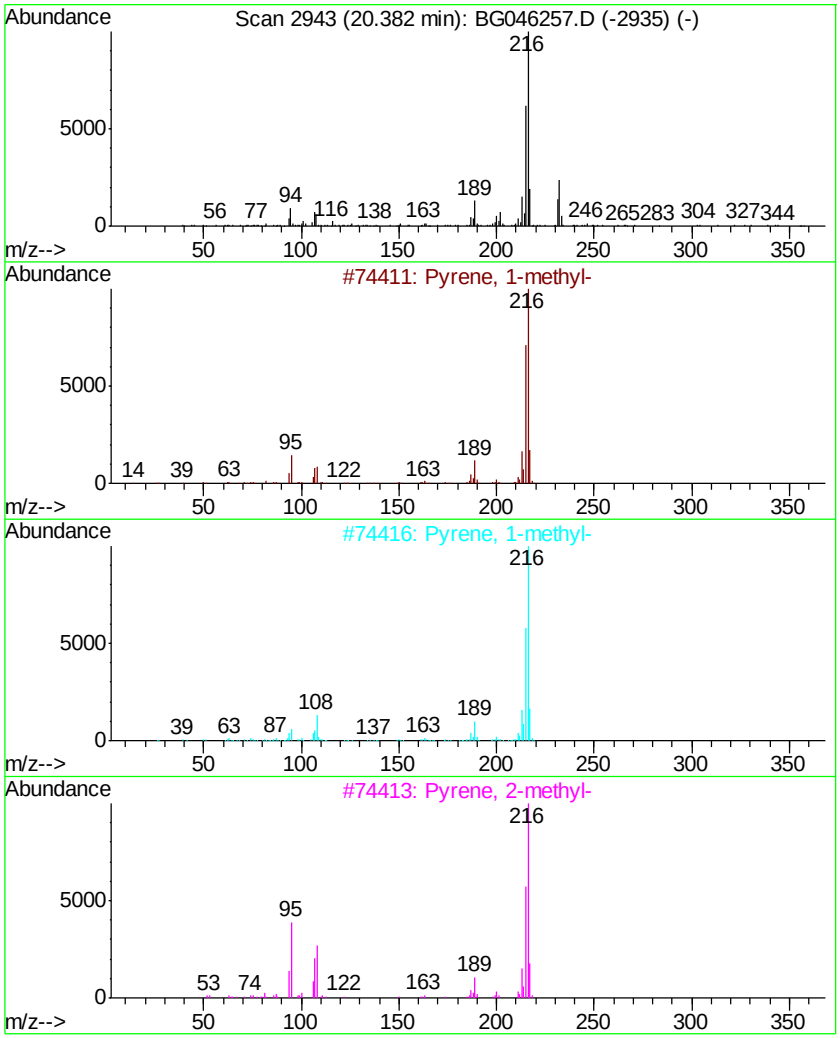
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

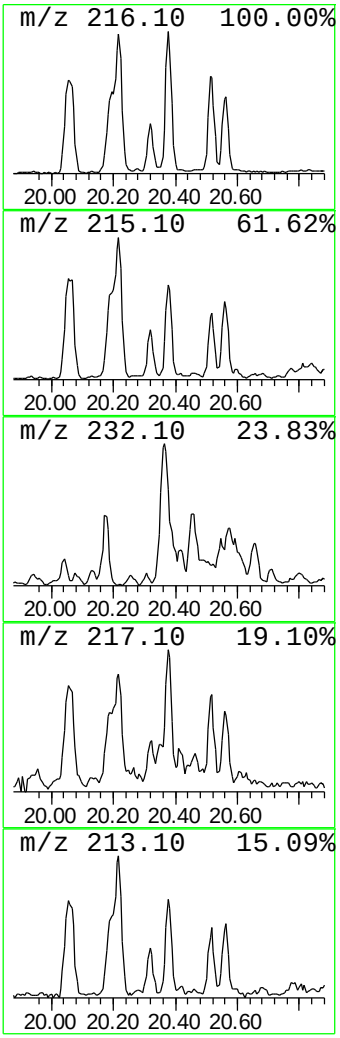
****

Peak Number 21 Pyrene, 2-methyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.38	2.07 ng/ul	251659	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	89
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	89





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046257.D
Acq On : 13 Aug 2020 20:22
Operator : CG/JU
Sample : L3629-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM64

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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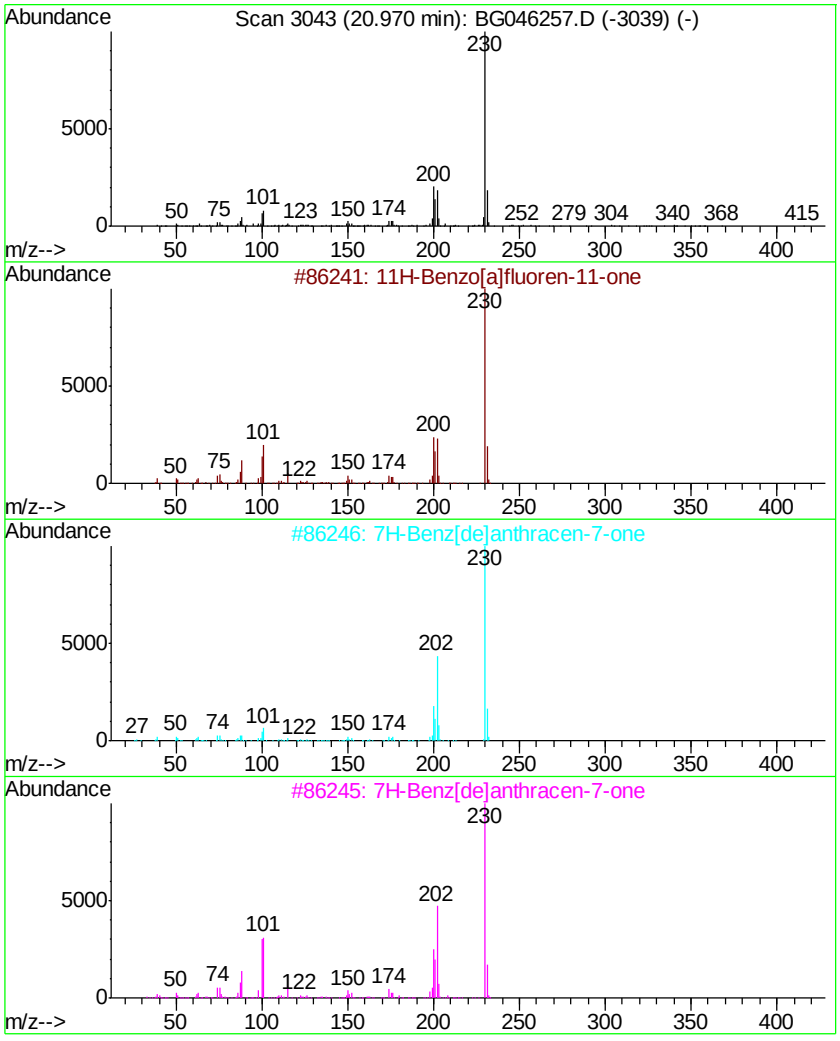
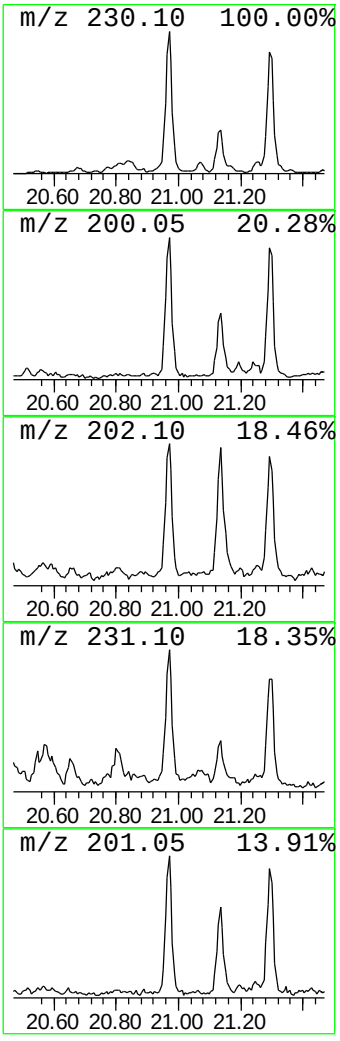
Peak Number 22 11H-Benzo[a]fluoren-11-one Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	2.18 ng/ul	264510	Chrysene-d12	21.56

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	91
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	74
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	68





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046257.D
Acq On : 13 Aug 2020 20:22
Operator : CG/JU
Sample : L3629-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM64

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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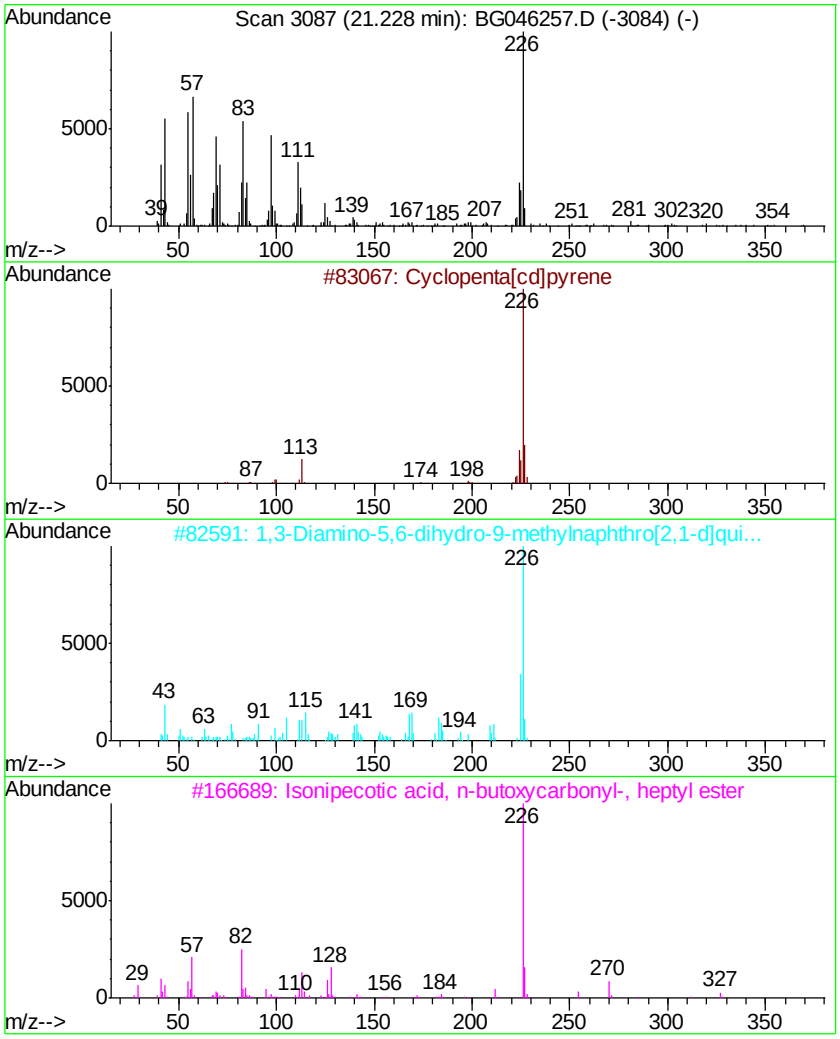
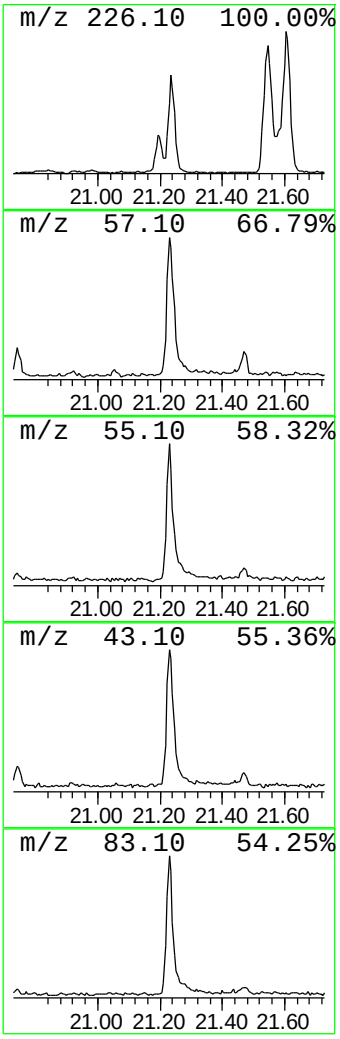
Peak Number 23 unknown-09 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.23	4.79 ng/ul	582218	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	49
2	1,3-Diamino-5,6-dihydro-9-methyl...	226	C13H14N4	037436-39-8	47
3	Isonipecotic acid, n-butoxycarbo...	327	C18H33NO4	1000322-05-2	37
4	Diheptylisobutylamine	269	C18H39N	1000310-32-0	37
5	Isonipecotic acid, N-(octanoyl)-...	353	C21H39NO3	1000361-57-3	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046257.D
Acq On : 13 Aug 2020 20:22
Operator : CG/JU
Sample : L3629-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM64

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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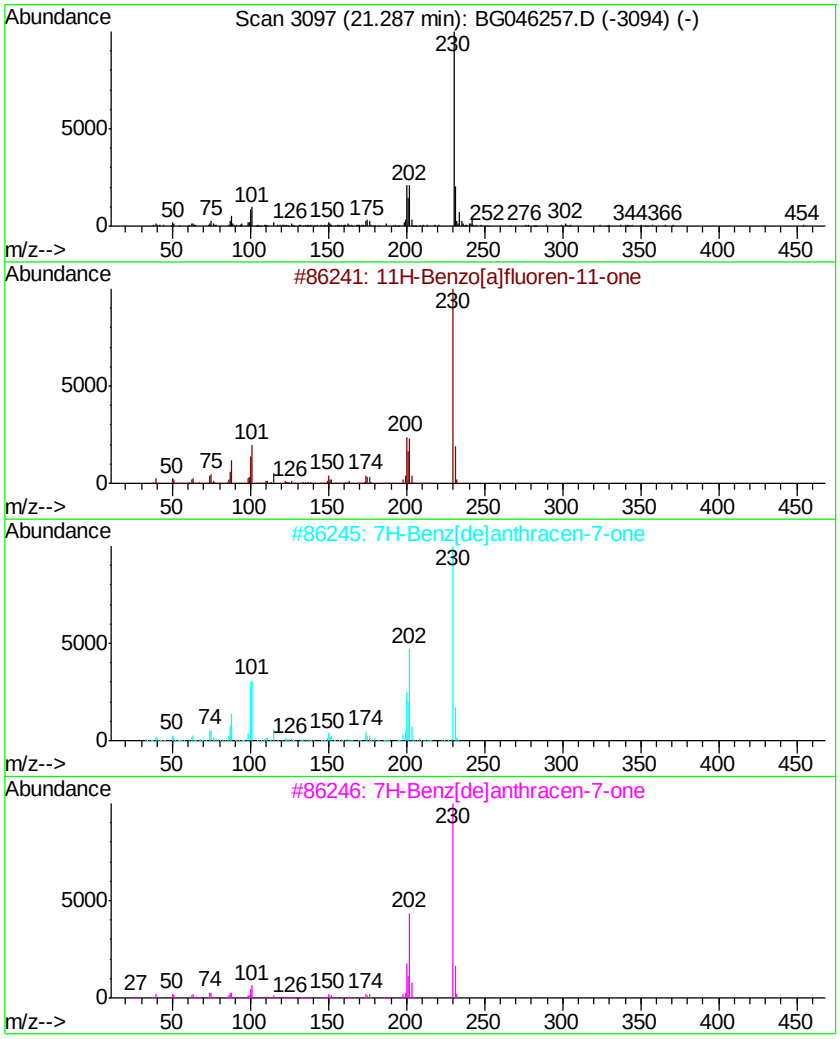
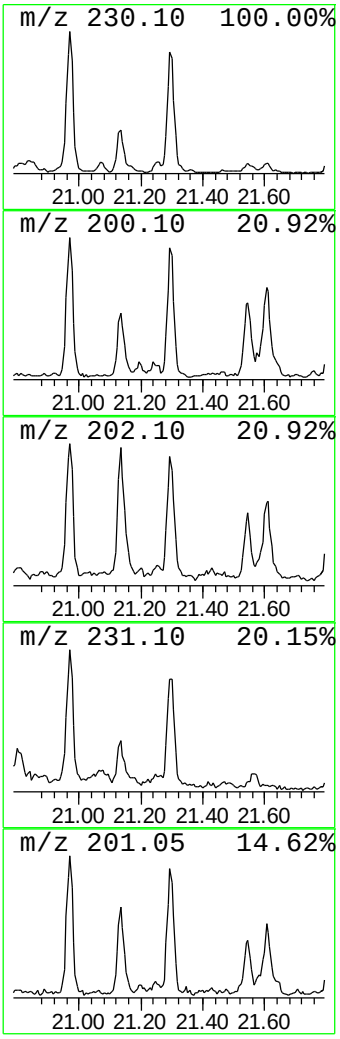
Peak Number 24 7H-Benz[de]anthracen-7-one Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.29	2.49 ng/ul	302469	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	91
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	83
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	81
4	o-Terphenyl	230	C18H14	000084-15-1	53
5	4-Methoxy-2-(p-methoxyphenyl)-6-...	230	C13H14N2O2	063896-93-5	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046257.D
Acq On : 13 Aug 2020 20:22
Operator : CG/JU
Sample : L3629-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM64

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

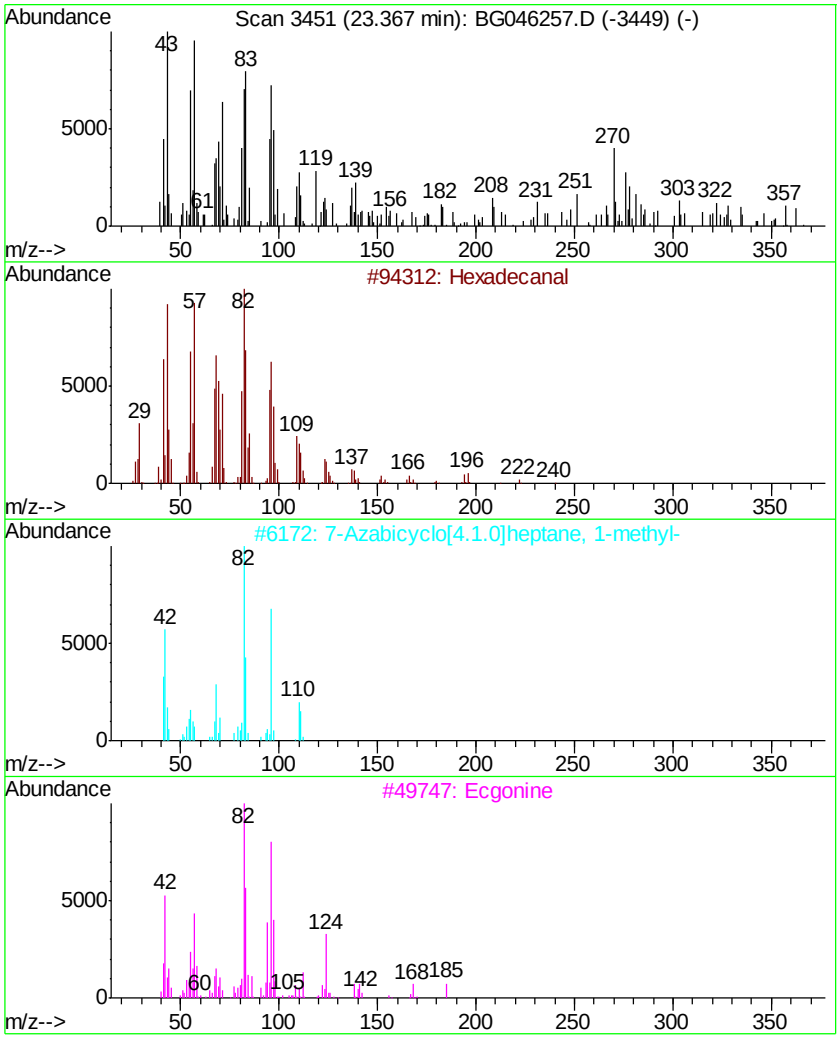
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

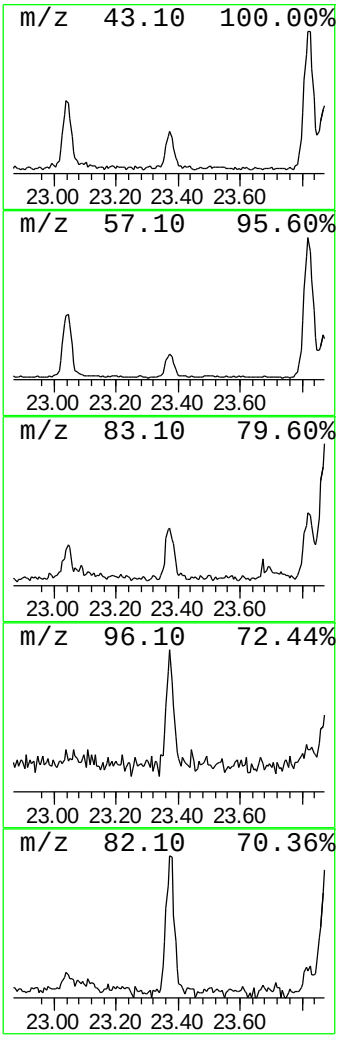
****

Peak Number 25 Hexadecanal Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.37	2.01 ng/ul	153557	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanal	240	C16H32O	000629-80-1	53
2	7-Azabicyclo[4.1.0]heptane, 1-me...	111	C7H13N	025022-25-7	46
3	Ecgonine	185	C9H15NO3	000481-37-8	46
4	7-Azabicyclo[4.1.0]heptane, 1-me...	111	C7H13N	025022-25-7	46
5	8-Azabicyclo[3.2.1]octan-3-ol, 8...	141	C8H15NO	000120-29-6	43





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Data File : BG046257.D
Acq On : 13 Aug 2020 20:22
Operator : CG/JU
Sample : L3629-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM64

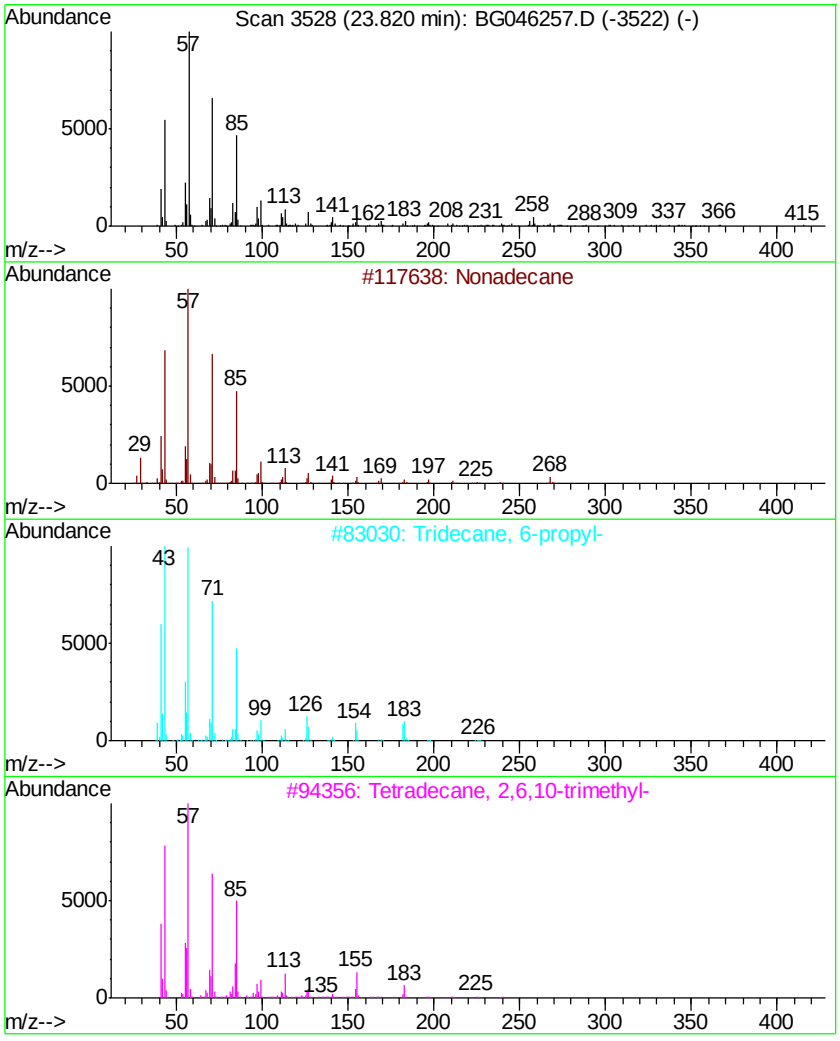
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

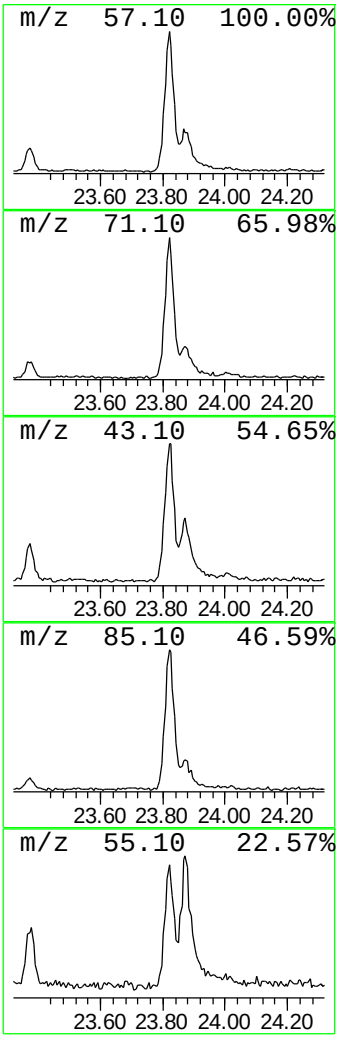
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.82	4.34 ng/ul	330985	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	94
2	Tridecane, 6-propyl-	226	C16H34	055045-10-8	91
3	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	91
4	Hexacosane	366	C26H54	000630-01-3	90
5	Pentacosane	352	C25H52	000629-99-2	87





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Data File : BG046257.D
Acq On : 13 Aug 2020 20:22
Operator : CG/JU
Sample : L3629-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM64

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

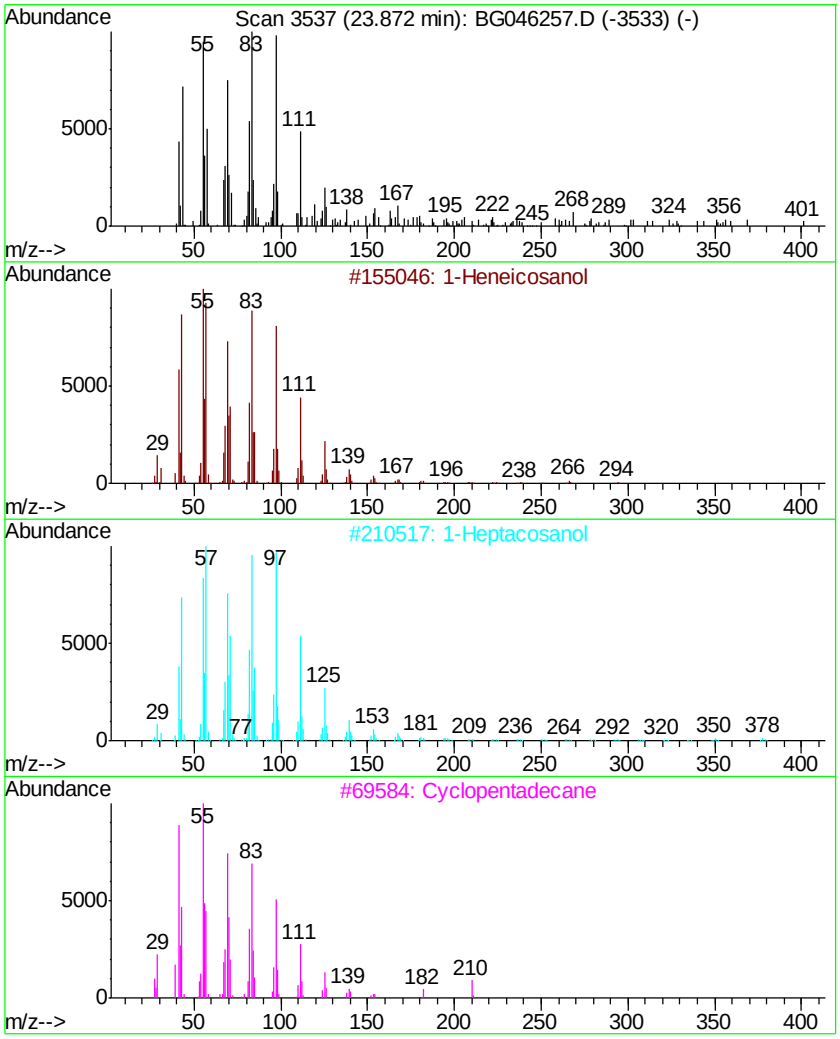
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

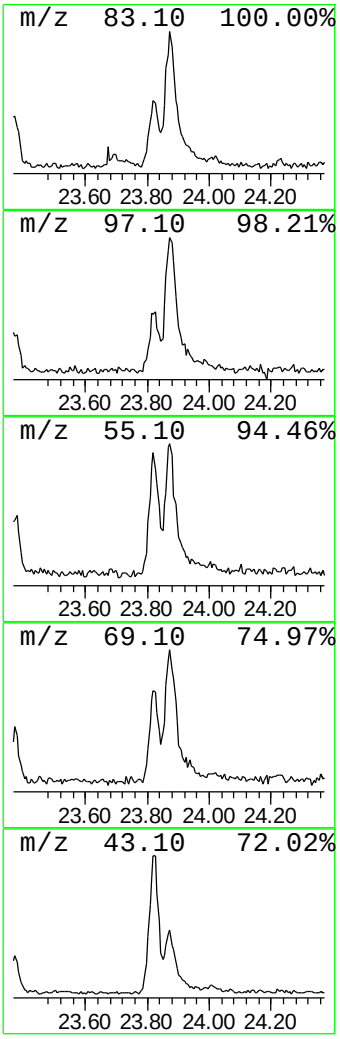
****

Peak Number 27 1-Heneicosanol Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.87	2.22 ng/ul	169414	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	87
2	1-Heptacosanol	396	C27H56O	002004-39-9	72
3	Cyclopentadecane	210	C15H30	000295-48-7	64
4	Decane, 5,6-bis(2,2-dimethylprop...	278	C20H38	073002-85-4	58
5	Octacosanol	410	C28H58O	000557-61-9	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046257.D
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Operator : CG/JU
Sample : L3629-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM64

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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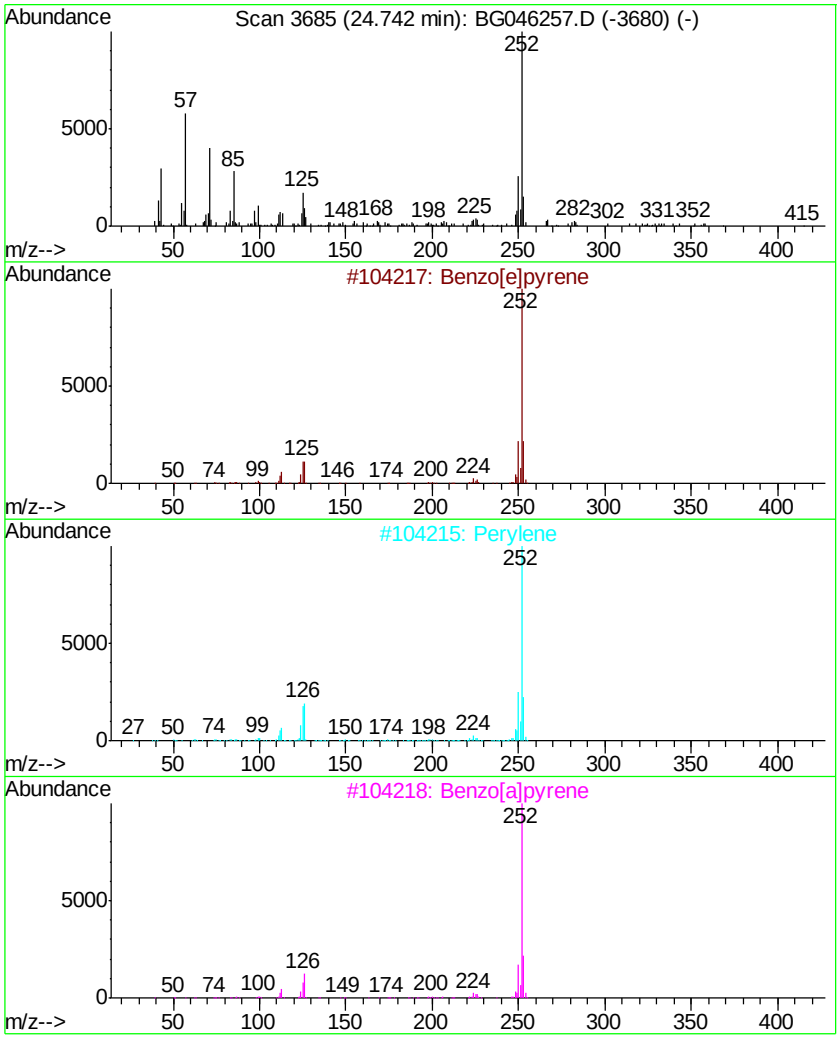
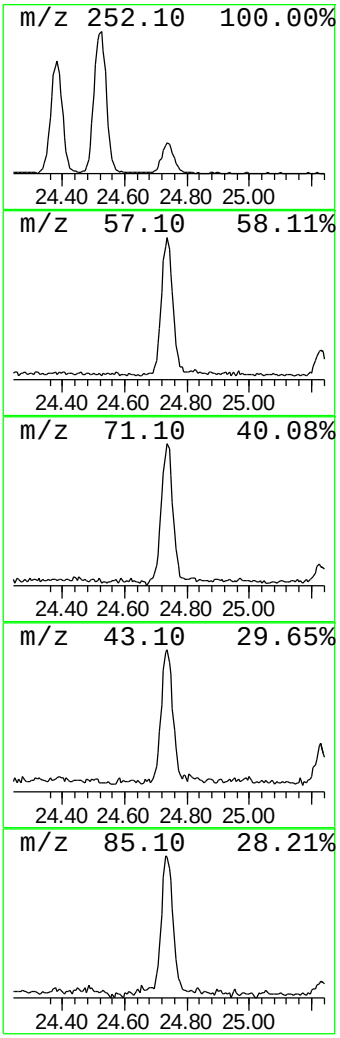
Peak Number 29 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.74	5.80 ng/ul	441960	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	91
2	Perylene	252	C20H12	000198-55-0	89
3	Benzo[a]pyrene	252	C20H12	000050-32-8	81
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	78
5	Perylene	252	C20H12	000198-55-0	70





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046257.D
Acq On : 13 Aug 2020 20:22
Operator : CG/JU
Sample : L3629-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM64

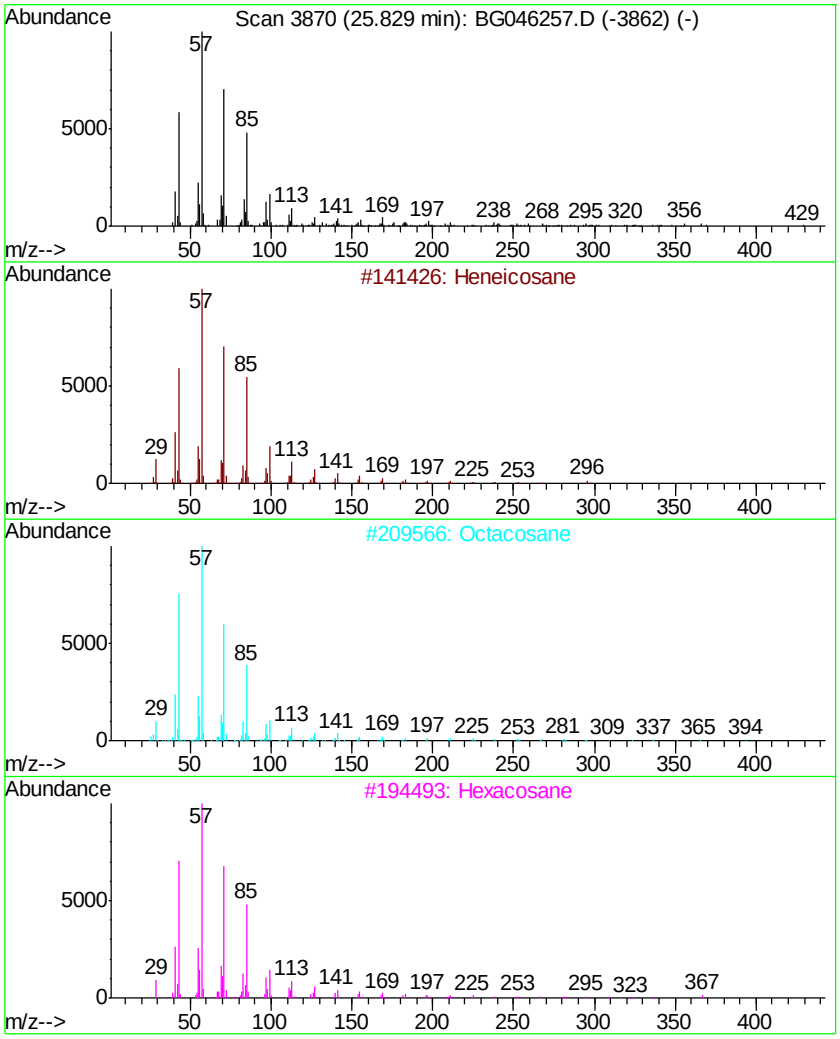
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

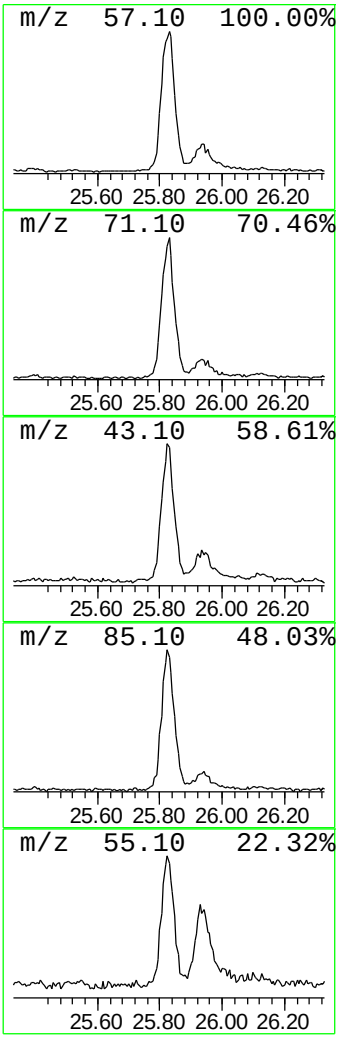
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.83	5.38 ng/ul	410137	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	96
2	Octacosane	394	C28H58	000630-02-4	90
3	Hexacosane	366	C26H54	000630-01-3	90
4	Dodecane, 2-methyl-	184	C13H28	001560-97-0	87
5	Tridecane, 3-ethyl-	212	C15H32	013286-73-2	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081320\
Data File : BG046257.D
Acq On : 13 Aug 2020 20:22
Operator : CG/JU
Sample : L3629-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM64

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...	3.17	112.6	ng/ul	2769790	1	7.95	491903	20.0
unknown-01	3.94	3.1	ng/ul	75998	1	7.95	491903	20.0
Hexanoic acid, 4-...	7.12	9.2	ng/ul	225575	1	7.95	491903	20.0
unknown-02	7.28	8.8	ng/ul	215573	1	7.95	491903	20.0
unknown-03	7.49	10.0	ng/ul	245197	1	7.95	491903	20.0
unknown-04	8.65	8.3	ng/ul	205398	1	7.95	491903	20.0
unknown-05	9.82	5.0	ng/ul	184681	2	10.75	738439	20.0
unknown-06	10.88	4.5	ng/ul	167328	2	10.75	738439	20.0
unknown-07	13.98	10.8	ng/ul	569517	3	14.57	1050630	20.0
unknown-08	15.68	3.5	ng/ul	186133	3	14.57	1050630	20.0
Phenanthrene, 1-m...	18.19	3.5	ng/ul	225725	4	17.32	1300370	20.0
Phenanthrene, 2-m...	18.24	4.3	ng/ul	281048	4	17.32	1300370	20.0
4H-Cyclopenta[def...	18.38	4.4	ng/ul	283221	4	17.32	1300370	20.0
5,16[1',2']:8,13[...	18.69	3.3	ng/ul	213807	4	17.32	1300370	20.0
9,10-Anthracenedione	18.73	3.8	ng/ul	248108	4	17.32	1300370	20.0
9,10-Dimethylanth...	19.10	2.9	ng/ul	190196	4	17.32	1300370	20.0
Cyclopenta(def)ph...	19.24	3.3	ng/ul	217317	4	17.32	1300370	20.0
Pyrene, 1-methyl-	20.05	2.6	ng/ul	319901	5	21.56	2429050	20.0
Pyrene, 2-methyl-	20.38	2.1	ng/ul	251659	5	21.56	2429050	20.0
11H-Benzo[a]fluor...	20.97	2.2	ng/ul	264510	5	21.56	2429050	20.0
unknown-09	21.23	4.8	ng/ul	582218	5	21.56	2429050	20.0
7H-Benz[de]anthra...	21.29	2.5	ng/ul	302469	5	21.56	2429050	20.0
Hexadecanal	23.37	2.0	ng/ul	153557	6	24.67	1524720	20.0
(DEL) Alkane: Str...	23.82	4.3	ng/ul	330985	6	24.67	1524720	20.0
1-Heneicosanol	23.87	2.2	ng/ul	169414	6	24.67	1524720	20.0
Benzo[e]pyrene	24.74	5.8	ng/ul	441960	6	24.67	1524720	20.0
(DEL) Alkane: Str...	25.83	5.4	ng/ul	410137	6	24.67	1524720	20.0