LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046310.D
Acq On : 18 Aug 2020 00:37
Operator : CG/JU
Sample : L3632-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM82

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	3.140	5	9	36	rVB	1275308	1876366	45.48%	2.464%
2	3.916	136	141	147	rVV	33593	49919	1.21%	0.066%
3	7.106	677	684	700	rVB	423339	744400	18.04%	0.978%
4	7.265	703	711	720	rBV	317074	519792	12.60%	0.683%
5	7.476	738	747	756	rBV	416680	717506	17.39%	0.942%
6	7.941	818	826	833	rBV	225973	367533	8.91%	0.483%
7	8.646	938	946	955	rBV	546113	908826	22.03%	1.194%
8	9.092	1013	1022	1031	rBV	385055	679343	16.47%	0.892%
9	9.815	1135	1145	1156	rBV	344046	601718	14.59%	0.790%
10	10.355	1230	1237	1248	rBV	548042	1023232	24.80%	1.344%
11	10.737	1294	1302	1307	rBV	323817	581335	14.09%	0.764%
12	10.784	1307	1310	1316	rVB	40902	65899	1.60%	0.087%
13	10.867	1316	1324	1339	rBV	450673	831682	20.16%	1.092%
14	12.394	1577	1584	1591	rBV	32903	52390	1.27%	0.069%
15	12.612	1615	1621	1629	rVB2	27486	45187	1.10%	0.059%
16	13.892	1833	1839	1844	rVV	35103	62248	1.51%	0.082%
17	13.975	1844	1853	1857	rVV	1044244	1555945	37.72%	2.044%
18	14.016	1857	1860	1867	rVV	289715	413183	10.02%	0.543%
19	14.263	1894	1902	1917	rVB	1230667	2051705	49.73%	2.695%
20	14.568	1945	1954	1960	rBV	585901	912516	22.12%	1.198%
21	14.633	1960	1965	1972	rVB	78238	125983	3.05%	0.165%
22	14.762	1980	1987	2000	rBV	388252	668684	16.21%	0.878%
23	14.968	2016	2022	2029	rVV2	95186	168871	4.09%	0.222%
24	15.561	2115	2123	2128	rVV	1684367	2511557	60.88%	3.299%
25	15.614	2128	2132	2137	rVV3	109441	169376	4.11%	0.222%
26	15.673	2137	2142	2150	rVV	442870	696687	16.89%	0.915%
27	15.790	2157	2162	2166	rVV3	26995	67740	1.64%	0.089%
28	15.908	2177	2182	2192	rVB	66050	115246	2.79%	0.151%
29	16.055	2201	2207	2215	rVB	65376	140897	3.42%	0.185%
30	16.143	2215	2222	2230	rVB4	19532	47377	1.15%	0.062%
31	16.290	2242	2247	2255	rBV8	33573	56156	1.36%	0.074%
32	16.848	2334	2342	2346	rBV4	56790	120182	2.91%	0.158%
33	16.959	2357	2361	2370	rVB	143911	242141	5.87%	0.318%
34	17.042	2370	2375	2386	rBV5	54005	170686	4.14%	0.224%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046310.D
Acq On : 18 Aug 2020 00:37
Operator : CG/JU
Sample : L3632-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM82

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	17.130	2386	2390	2399	rVB	85927	148423	3.60%	0.195%
36	17.312	2414	2421	2424	rBV	712059	1152938	27.95%	1.514%
37	17.353	2424	2428	2433	rVB	1554278	2192431	53.15%	2.880%
38	17.412	2433	2438	2442	rBV2	1671631	2547521	61.75%	3.346%
39	17.500	2448	2453	2460	rVB2	67581	113233	2.74%	0.149%
40	17.623	2470	2474	2478	rVB2	32030	48792	1.18%	0.064%
41	17.706	2479	2488	2493	rBV2	170957	342301	8.30%	0.450%
42	17.829	2505	2509	2513	rVV3	46710	66704	1.62%	0.088%
43	17.894	2516	2520	2527	rVB3	52404	83371	2.02%	0.109%
44	18.187	2560	2570	2572	rBV	284738	438561	10.63%	0.576%
45	18.234	2572	2578	2586	rVB	418557	821014	19.90%	1.078%
46	18.311	2586	2591	2596	rBV	138226	211765	5.13%	0.278%
47	18.381	2596	2603	2607	rBV3	338034	692479	16.79%	0.909%
48	18.416	2607	2609	2615	rVB	206991	233592	5.66%	0.307%
49	18.681	2650	2654	2657	rVV	224997	306225	7.42%	0.402%
50	18.722	2657	2661	2666	rVB	267916	369257	8.95%	0.485%
51	18.810	2672	2676	2682	rVB2	35448	62906	1.52%	0.083%
52	18.928	2693	2696	2701	rBV2	82587	107187	2.60%	0.141%
53	18.981	2701	2705	2708	rVV	73358	81284	1.97%	0.107%
54	19.016	2708	2711	2716	rVB	90693	117082	2.84%	0.154%
55	19.098	2720	2725	2730	rVV	245077	420053	10.18%	0.552%
56	19.163	2730	2736	2739	rVV5	125566	280747	6.81%	0.369%
57	19.192	2739	2741	2745	rVV2	103508	137956	3.34%	0.181%
58	19.239	2745	2749	2758	rVB	238641	401216	9.73%	0.527%
59	19.362	2764	2770	2776	rVB	2635471	3826540	92.76%	5.026%
60	19.421	2776	2780	2783	rBV2	59673	89536	2.17%	0.118%
61	19.462	2783	2787	2791	rVB3	87115	124274	3.01%	0.163%
62	19.509	2791	2795	2798	rBV	82788	101457	2.46%	0.133%
63	19.556	2798	2803	2806	rBV4	97421	160000	3.88%	0.210%
64	19.603	2808	2811	2814	rVB	59187	71665	1.74%	0.094%
65	19.697	2821	2827	2829	rBV2	2546533	3909081	94.76%	5.134%
66	19.727	2829	2832	2839	rVV	2381891	3353391	81.29%	4.404%
67	19.797	2839	2844	2851	rVB2	185874	318677	7.72%	0.419%
68	19.897	2857	2861	2867	rBV	169088	255442	6.19%	0.335%
69	19.956	2867	2871	2877	rVB	193678	320394	7.77%	0.421%
70	20.056	2880	2888	2893	rBV3	272294	728528	17.66%	0.957%
71	20.179	2905	2909	2911	rBV3	161728	249524	6.05%	0.328%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046310.D
Acq On : 18 Aug 2020 00:37
Operator : CG/JU
Sample : L3632-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM82

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	20.214	2911	2915	2919	rVB	424957	623928	15.12%	0.819%
73	20.314	2928	2932	2935	rBV	256025	328296	7.96%	0.431%
74	20.373	2936	2942	2946	rVV2	413165	737357	17.87%	0.968%
75	20.414	2946	2949	2952	rVB	86827	97261	2.36%	0.128%
76	20.455	2952	2956	2960	rBV2	94828	151175	3.66%	0.199%
77	20.514	2962	2966	2969	rBV	232411	295426	7.16%	0.388%
78	20.555	2969	2973	2977	rVB2	205558	300831	7.29%	0.395%
79	20.767	3006	3009	3012	rBV3	86624	127496	3.09%	0.167%
80	20.802	3012	3015	3019	rVV3	109070	168680	4.09%	0.222%
81	20.966	3039	3043	3050	rVB	406102	625146	15.15%	0.821%
82	21.149	3067	3074	3077	rBV3	279577	644429	15.62%	0.846%
83	21.190	3077	3081	3084	rVV2	345266	493522	11.96%	0.648%
84	21.237	3084	3089	3094	rVV2	334405	683491	16.57%	0.898%
85	21.290	3094	3098	3107	rVB2	345656	640020	15.51%	0.841%
86	21.542	3135	3141	3148	rBV3	1753698	4125333	100.00%	5.418%
87	21.601	3148	3151	3164	rVB	1430519	2469002	59.85%	3.243%
88	21.754	3173	3177	3182	rBV	190785	397290	9.63%	0.522%
89	21.948	3206	3210	3218	rBV3	234852	501928	12.17%	0.659%
90	22.271	3261	3265	3270	rVB	409234	699898	16.97%	0.919%
91	22.341	3272	3277	3284	rVB2	280910	549293	13.32%	0.721%
92	22.529	3306	3309	3313	rBV	148202	218626	5.30%	0.287%
93	23.693	3498	3507	3514	rBV	1213080	4034460	97.80%	5.299%
94	23.934	3542	3548	3555	rVB	303753	655230	15.88%	0.861%
95	24.386	3618	3625	3631	rBV2	591579	1611375	39.06%	2.116%
96	24.462	3631	3638	3643	rVV	1096775	2713465	65.78%	3.564%
97	24.527	3644	3649	3662	rVB	1143584	2915260	70.67%	3.829%
98	24.668	3666	3673	3679	rBV2	441373	1137806	27.58%	1.494%
99	28.199	4262	4274	4293	rVB2	541173	2642147	64.05%	3.470%
100	29.286	4452	4459	4472	rVB	342617	1303072	31.59%	1.711%

Sum of corrected areas: 76139098

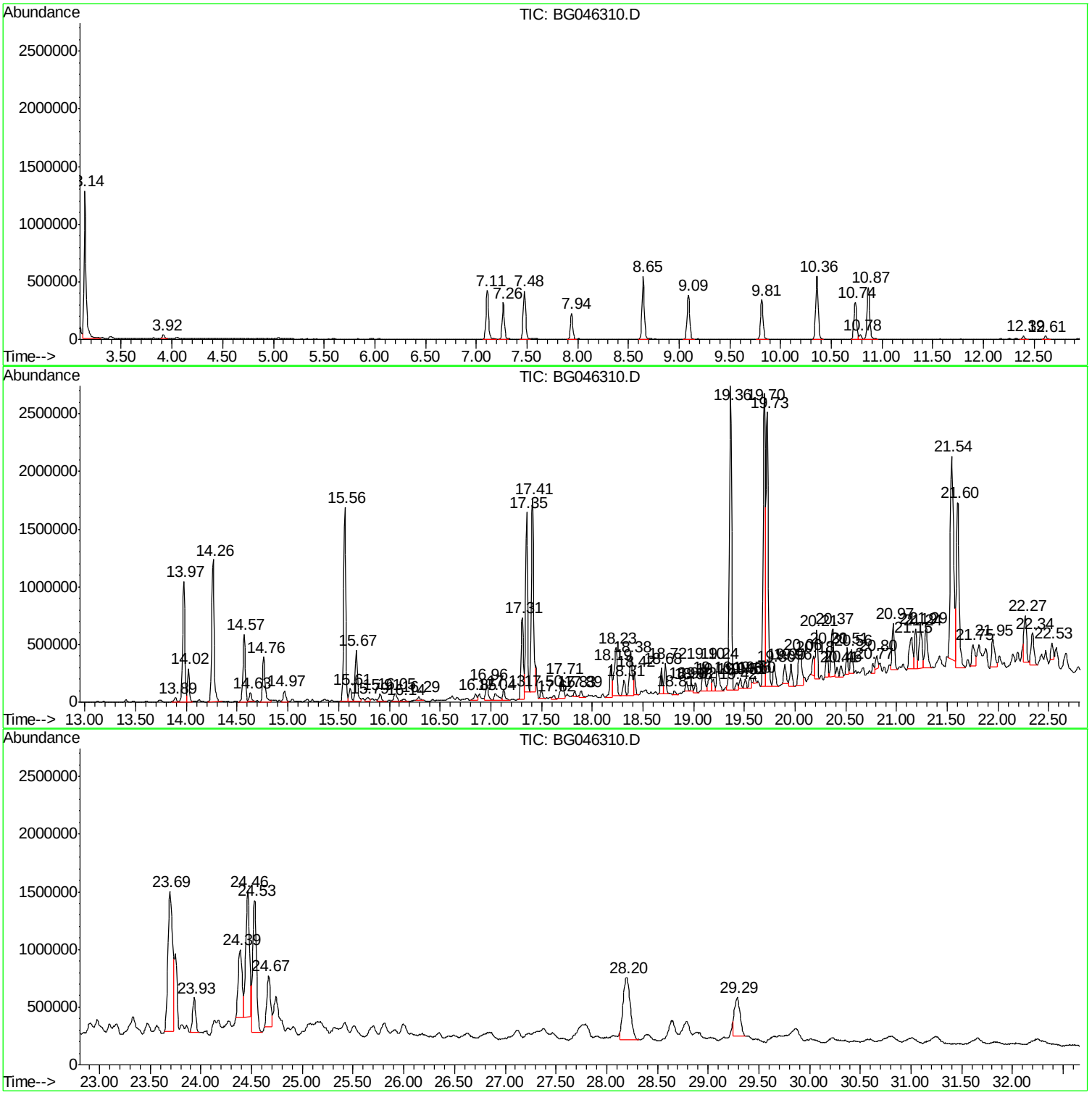
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046310.D
Acq On : 18 Aug 2020 00:37
Operator : CG/JU
Sample : L3632-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM82

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\BG081720\
Data File : BG046310.D
Acq On : 18 Aug 2020 00:37
Operator : CG/JU
Sample : L3632-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM82

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

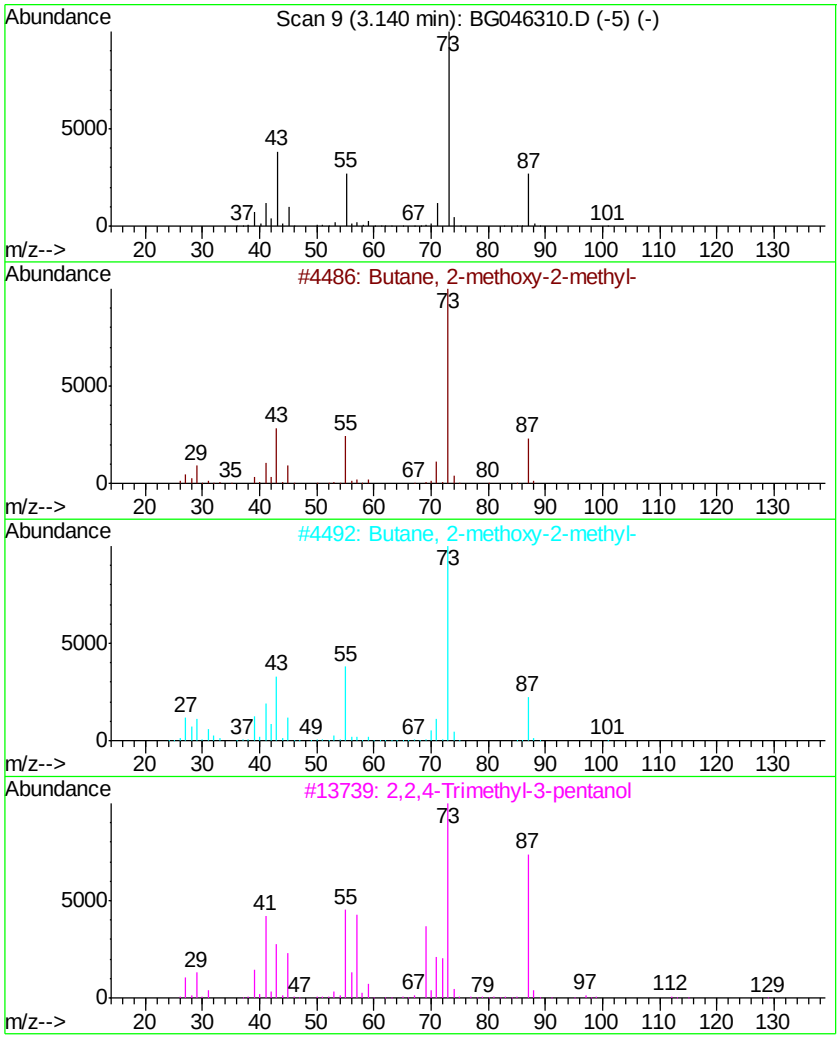
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

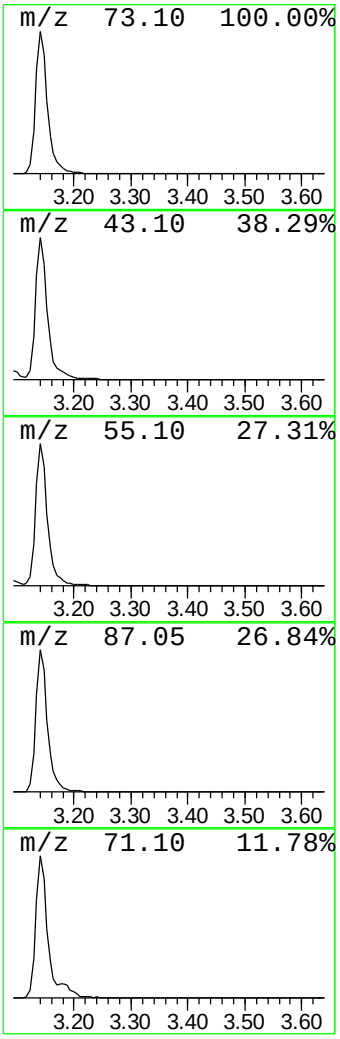
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.14	102.11 ng/ul	1876370	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	72
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	27
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046310.D
Acq On : 18 Aug 2020 00:37
Operator : CG/JU
Sample : L3632-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM82

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

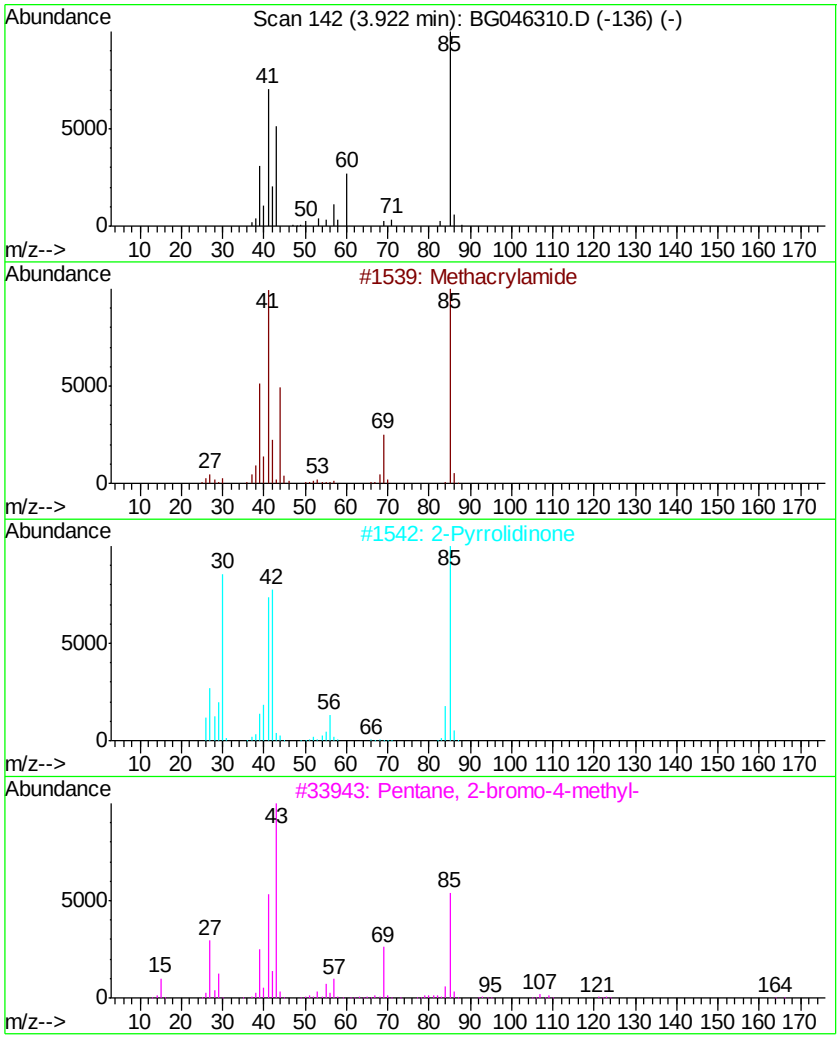
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

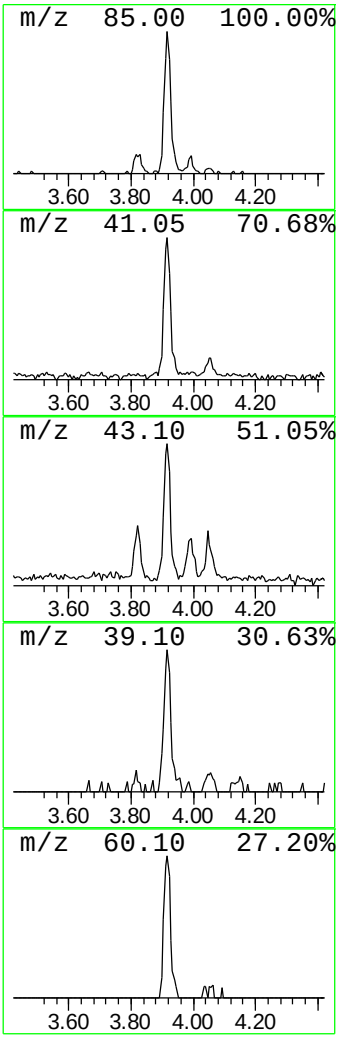
****

Peak Number 2 unknown-01 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.92	2.72 ng/ul	49919	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methacrylamide	85	C4H7NO	000079-39-0	40
2	2-Pyrrolidinone	85	C4H7NO	000616-45-5	38
3	Pentane, 2-bromo-4-methyl-	164	C6H13Br	030310-22-6	38
4	2-Pyrrolidinone	85	C4H7NO	000616-45-5	9
5	2-Pyrrolidinone	85	C4H7NO	000616-45-5	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046310.D
Acq On : 18 Aug 2020 00:37
Operator : CG/JU
Sample : L3632-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM82

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

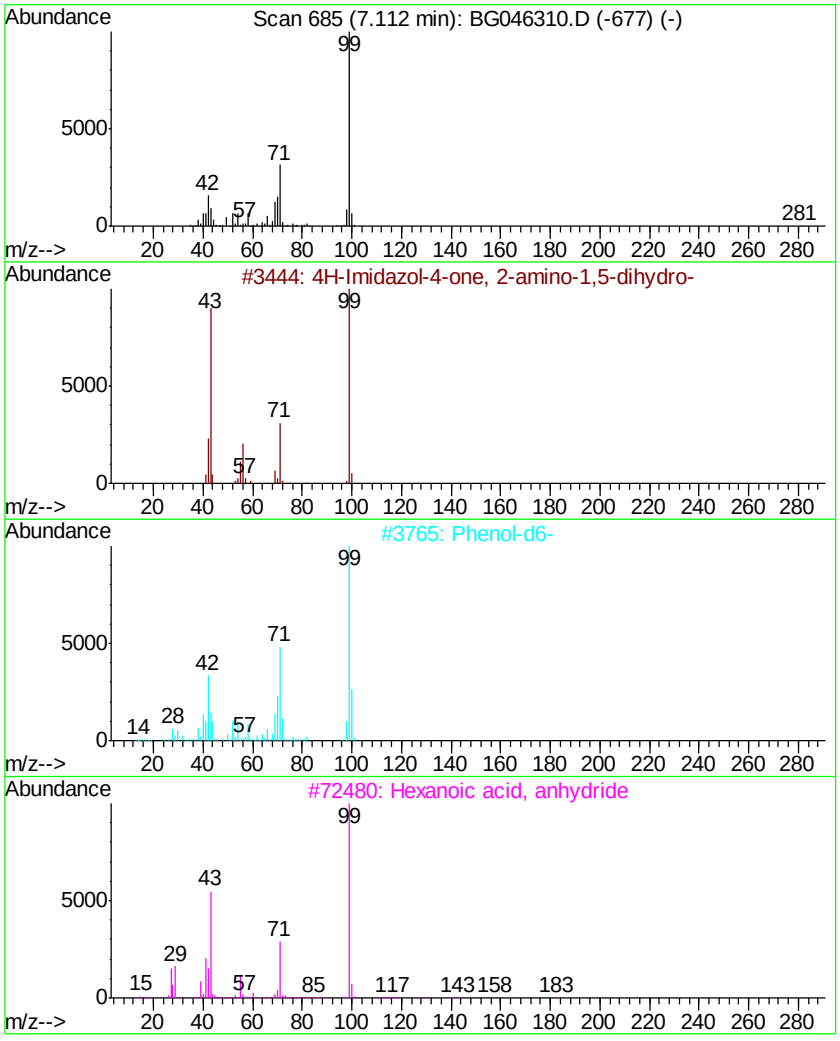
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

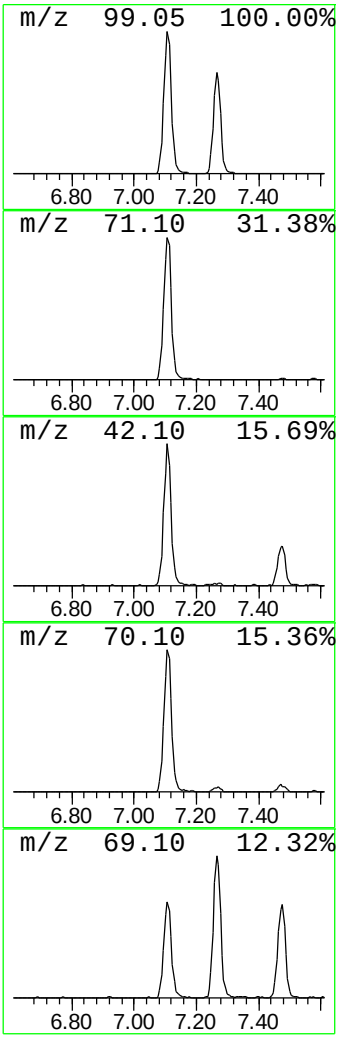
****

Peak Number 3 4H-Imidazol-4-one, 2-amino-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.11	40.51 ng/ul	744400	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Imidazol-4-one, 2-amino-1,5-d...	99	C3H5N3O	000503-86-6	64
2	Phenol-d6-	100	C6D6O	013127-88-3	64
3	Hexanoic acid, anhydride	214	C12H22O3	002051-49-2	50
4	Hexanoic acid, anhydride	214	C12H22O3	002051-49-2	45
5	2-Furancarboxylic acid, tetrahyd...	144	C6H8O4	022073-04-7	45





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046310.D
Acq On : 18 Aug 2020 00:37
Operator : CG/JU
Sample : L3632-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM82

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

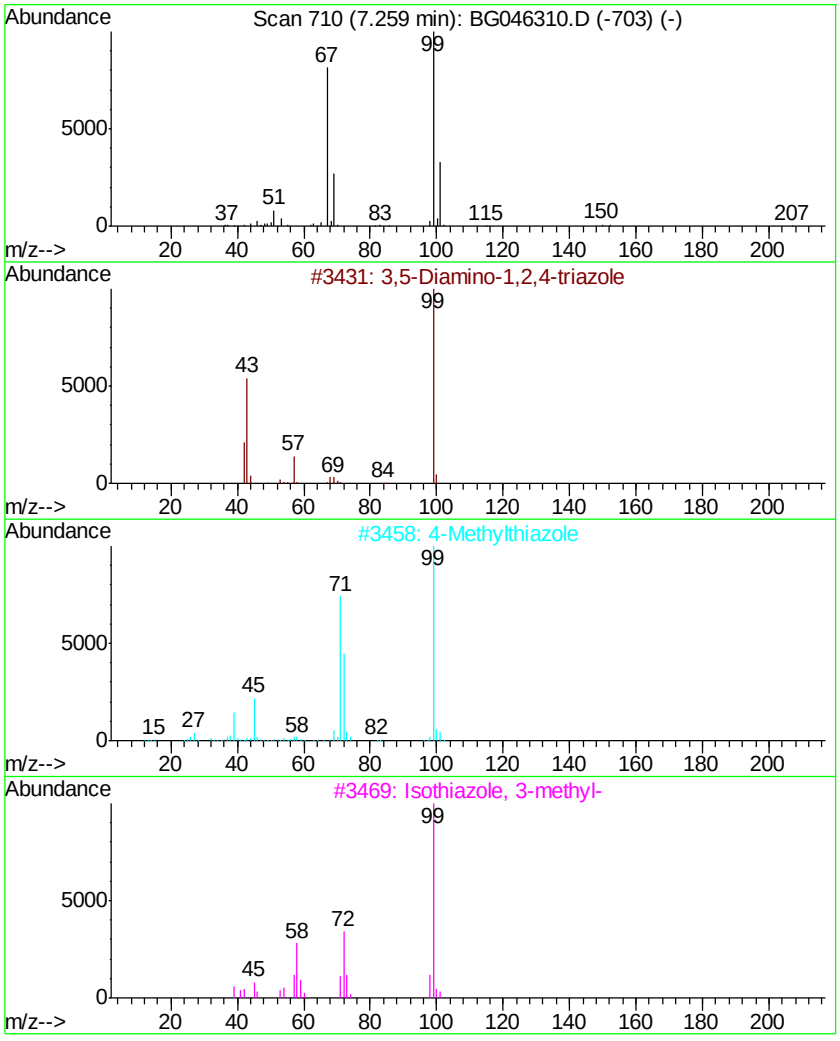
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

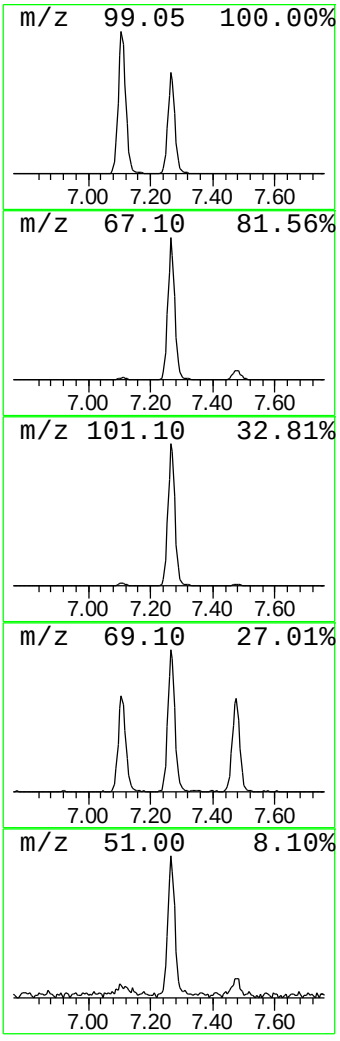
****

Peak Number 4 unknown-02 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.26	28.29 ng/ul	519792	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Diamino-1,2,4-triazole	99	C2H5N5	001455-77-2	9
2	4-Methylthiazole	99	C4H5NS	000693-95-8	9
3	Isothiazole, 3-methyl-	99	C4H5NS	000693-92-5	9
4	Methyl 2-butynoate	98	C5H6O2	023326-27-4	5
5	Succinimide	99	C4H5NO2	000123-56-8	5





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046310.D
Acq On : 18 Aug 2020 00:37
Operator : CG/JU
Sample : L3632-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM82

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

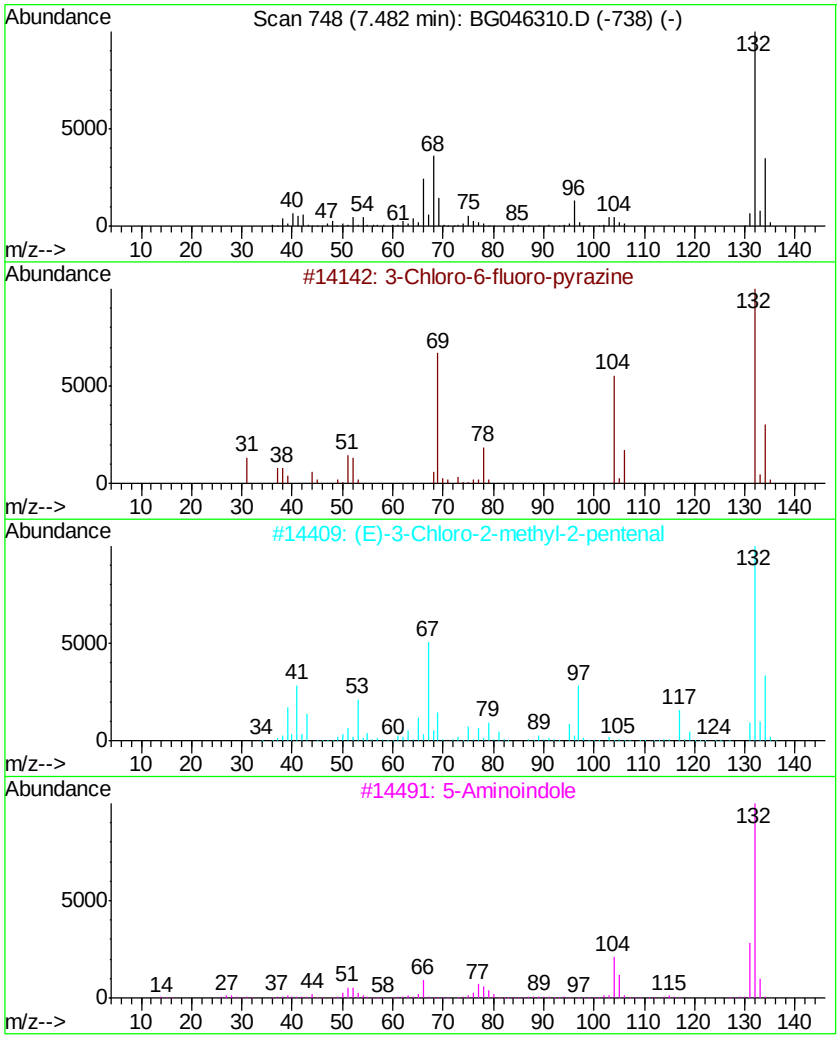
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

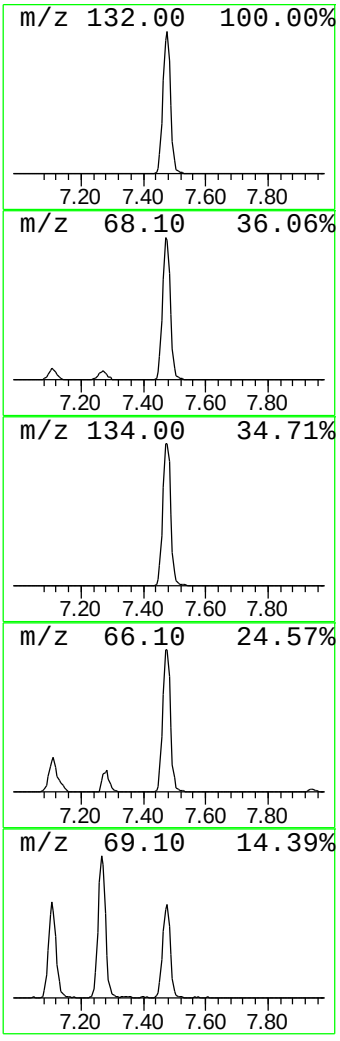
****

Peak Number 5 unknown-03 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.48	39.04 ng/ul	717506	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	16
4	Xenon	132	Xe	007440-63-3	9
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046310.D
Acq On : 18 Aug 2020 00:37
Operator : CG/JU
Sample : L3632-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM82

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

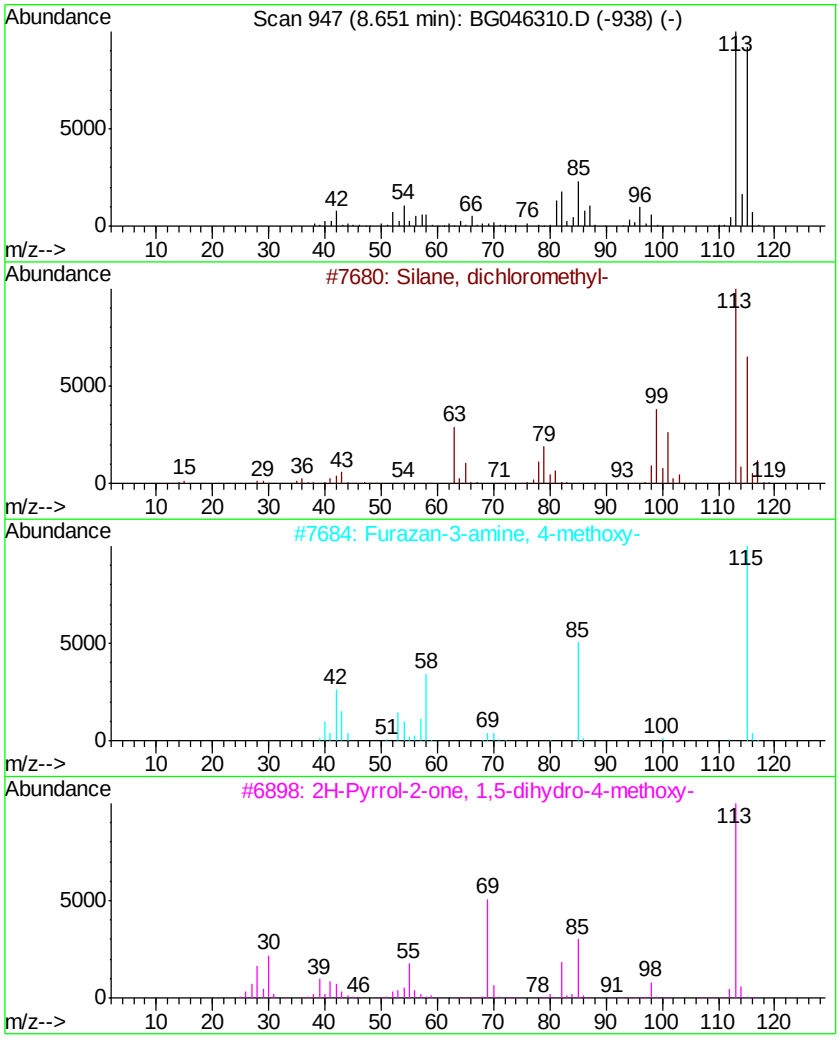
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

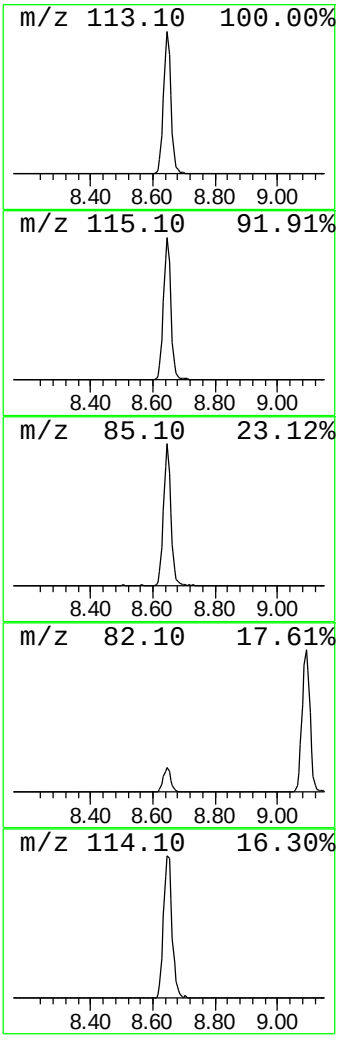
****

Peak Number 6 unknown-04 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	49.46 ng/ul	908826	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	Furazan-3-amine, 4-methoxy-	115	C3H5N3O2	078350-48-8	35
3	2H-Pyrrol-2-one, 1,5-dihydro-4-m...	113	C5H7NO2	069778-83-2	32
4	2,2-Dimethylcyclopropanecarboxamide	113	C6H11NO	075885-58-4	27
5	Butanedioyl dihydrazide	146	C4H10N4O2	004146-43-4	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046310.D
Acq On : 18 Aug 2020 00:37
Operator : CG/JU
Sample : L3632-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM82

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

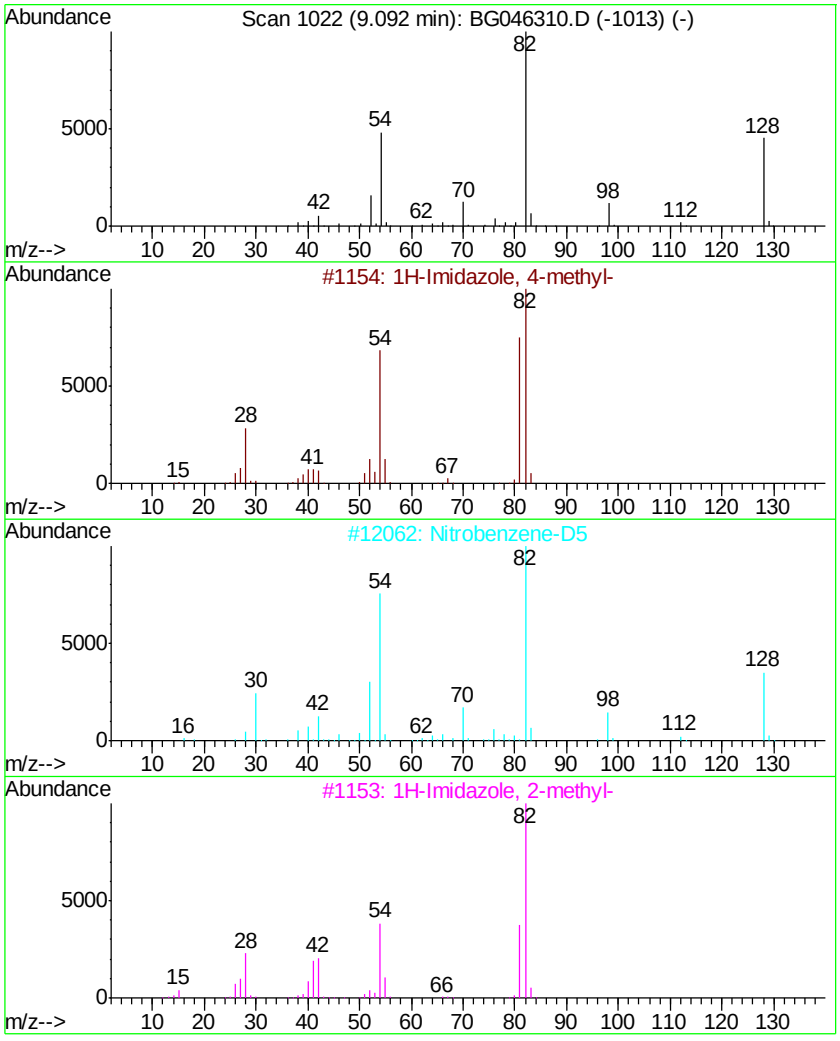
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

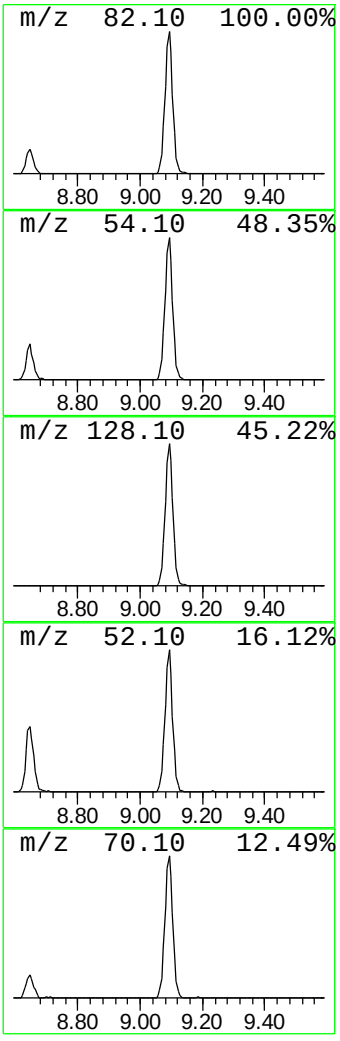
****

Peak Number 7 1H-Imidazole, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	36.97 ng/ul	679343	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	Nitrobenzene-D5	128	C6D5NO2	004165-60-0	50
3	1H-Imidazole, 2-methyl-	82	C4H6N2	000693-98-1	38
4	1H-Imidazole, 2-methyl-	82	C4H6N2	000693-98-1	33
5	Nitrobenzene-D5	128	C6D5NO2	004165-60-0	16





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046310.D
Acq On : 18 Aug 2020 00:37
Operator : CG/JU
Sample : L3632-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM82

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

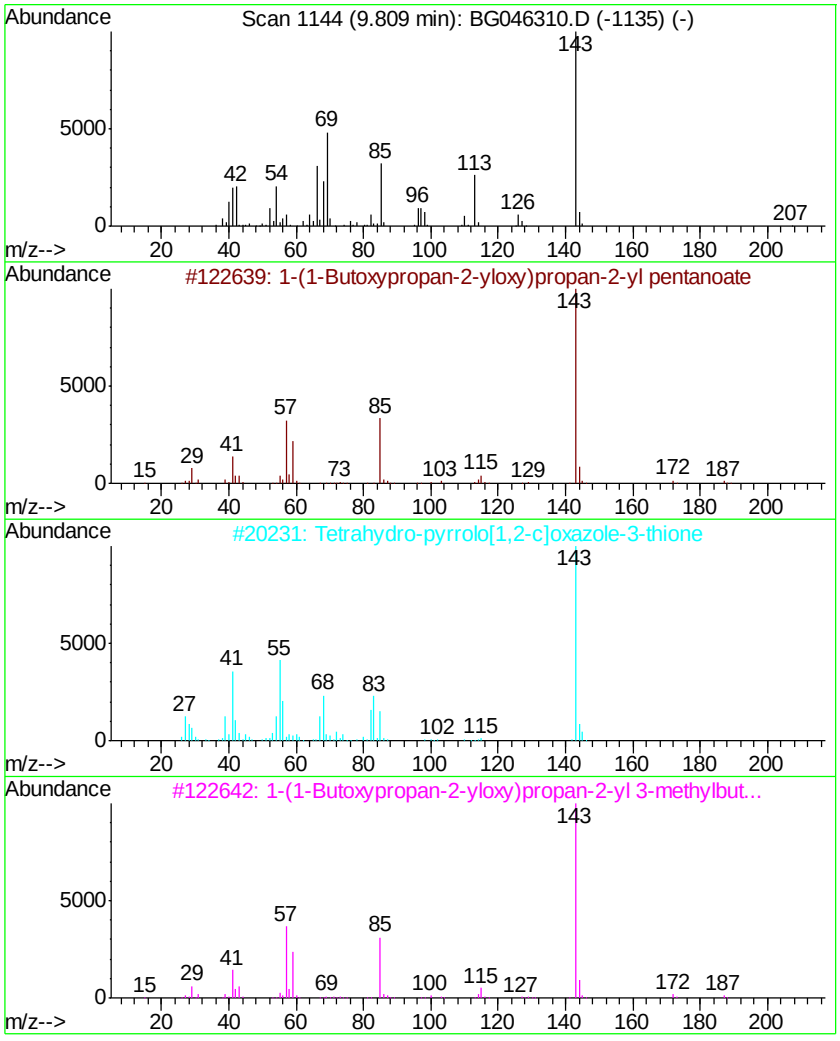
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

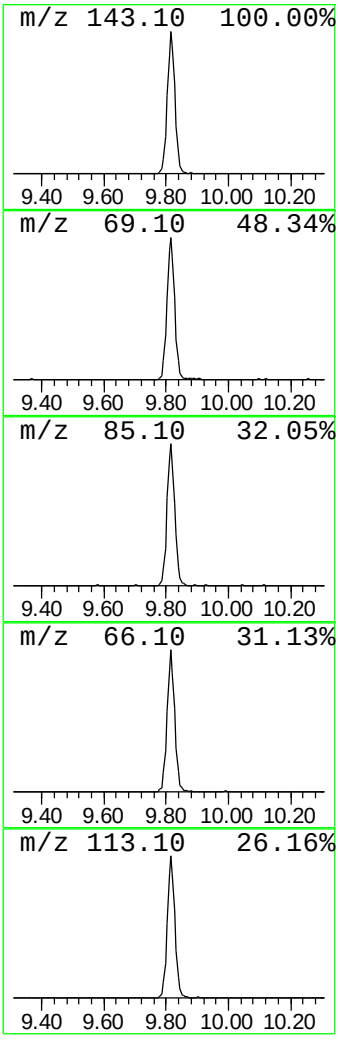
****

Peak Number 8 unknown-05 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.81	20.70 ng/ul	601718	Naphthalene-d8	10.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(1-Butoxypropan-2-yloxy)propan...	274	C15H30O4	1000367-13-0	22
2	Tetrahydro-pyrrolo[1,2-c]oxazole...	143	C6H9NOS	1000190-53-6	17
3	1-(1-Butoxypropan-2-yloxy)propan...	274	C15H30O4	1000367-12-9	10
4	3-Aminophthalonitrile	143	C8H5N3	058632-96-5	10
5	6-Aza-2-thiothymine	143	C4H5N3OS	000615-76-9	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046310.D
Acq On : 18 Aug 2020 00:37
Operator : CG/JU
Sample : L3632-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM82

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

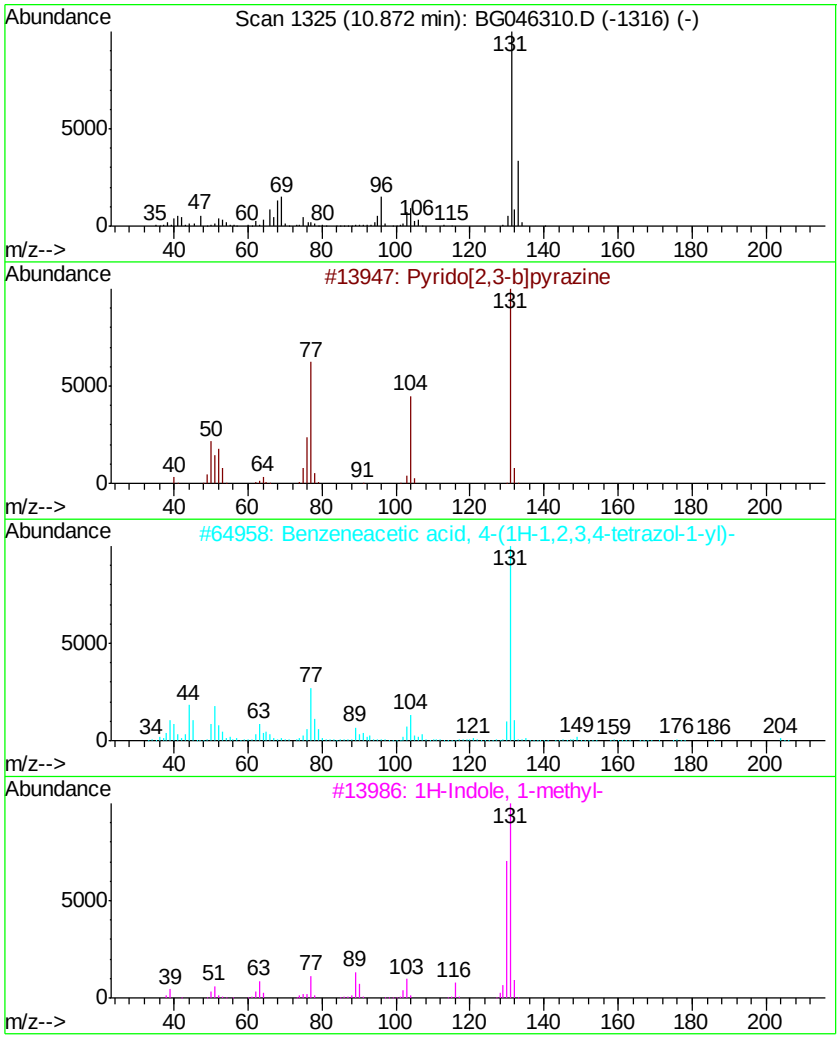
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

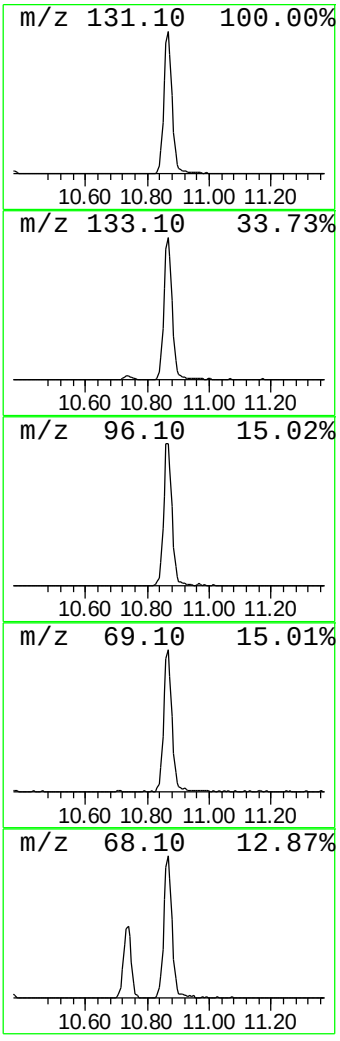
****

Peak Number 9 unknown-06 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	28.61 ng/ul	831682	Naphthalene-d8	10.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrido[2,3-b]pyrazine	131	C7H5N3	000322-46-3	38
2	Benzeneacetic acid, 4-(1H-1,2,3,...	204	C9H8N4O2	1000351-56-5	33
3	1H-Indole, 1-methyl-	131	C9H9N	000603-76-9	28
4	4-Pyrimidinamine, 2,6-difluoro-	131	C4H3F2N3	000675-12-7	9
5	Benzene, (1,2-dicyclopropyl-2-ph...	262	C20H22	110330-90-0	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046310.D
Acq On : 18 Aug 2020 00:37
Operator : CG/JU
Sample : L3632-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM82

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

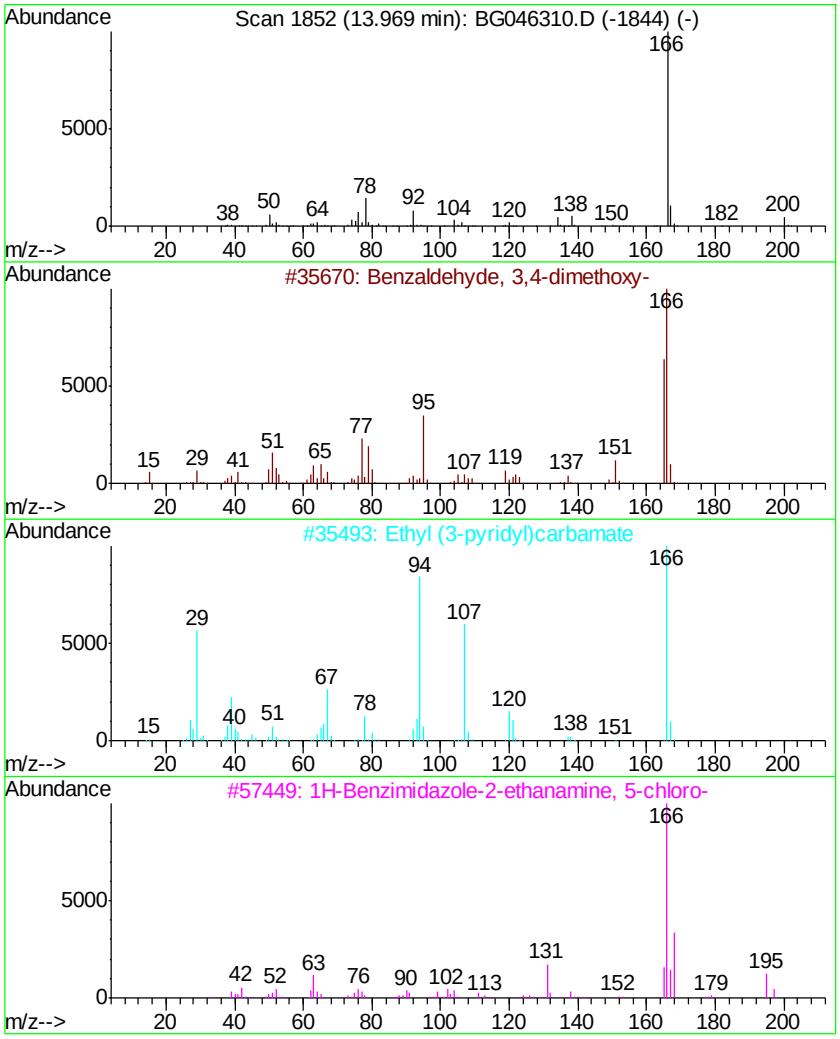
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

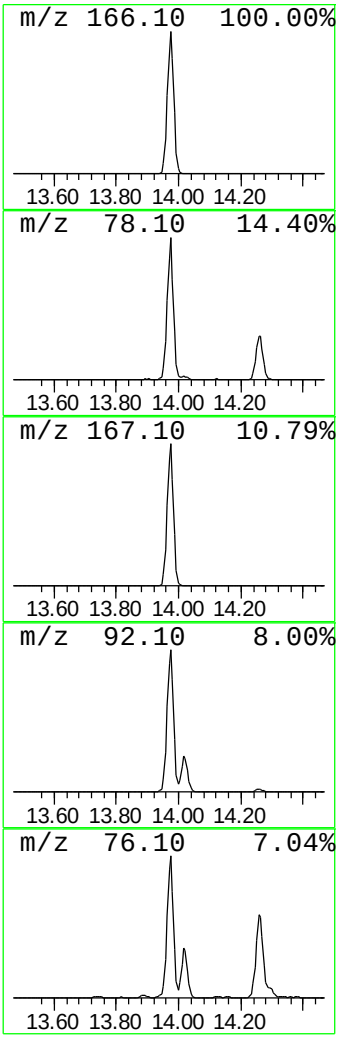
****

Peak Number 10 unknown-07 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	34.10 ng/ul	1555950	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-Benzimidazole-2-ethanamine, 5...	195	C9H10ClN3	135875-16-0	38
4	Benzenamine, N,N-dimethyl-4-nitro-	166	C8H10N2O2	000100-23-2	38
5	3,5-Diamino-2-methylbenzoic acid	166	C8H10N2O2	090007-30-0	36





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046310.D
Acq On : 18 Aug 2020 00:37
Operator : CG/JU
Sample : L3632-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM82

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

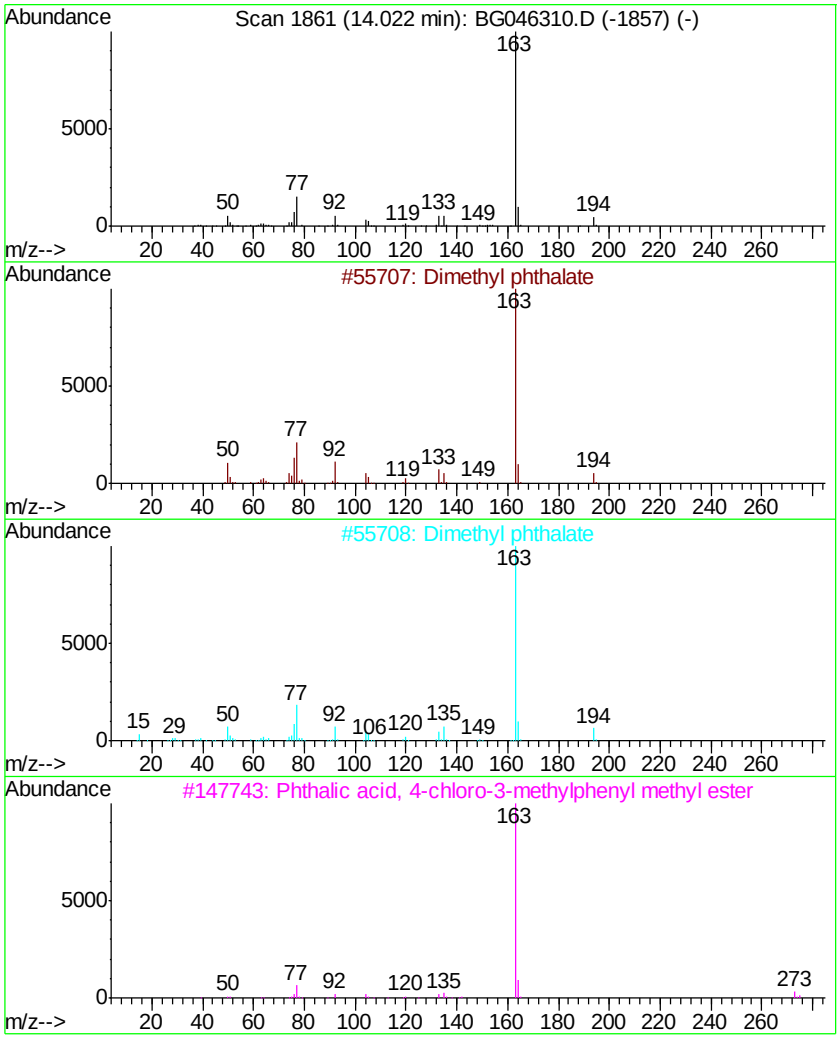
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

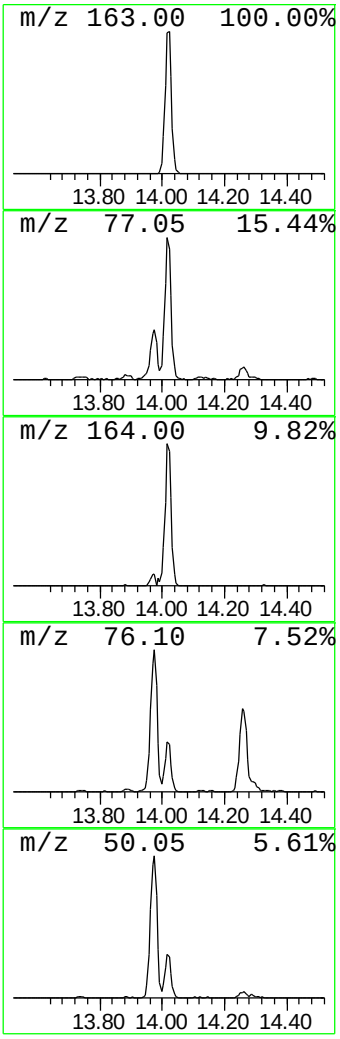
****

Peak Number 11 Dimethyl phthalate Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	9.06 ng/ul	413183	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl phthalate	194	C10H10O4	000131-11-3	92
2	Dimethyl phthalate	194	C10H10O4	000131-11-3	91
3	Phthalic acid, 4-chloro-3-methyl...	304	C16H13ClO4	1000315-71-2	83
4	Phthalic acid, 2-cyclohexylethyl...	290	C17H22O4	1000309-03-4	83
5	Dimethyl phthalate	194	C10H10O4	000131-11-3	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046310.D
Acq On : 18 Aug 2020 00:37
Operator : CG/JU
Sample : L3632-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM82

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

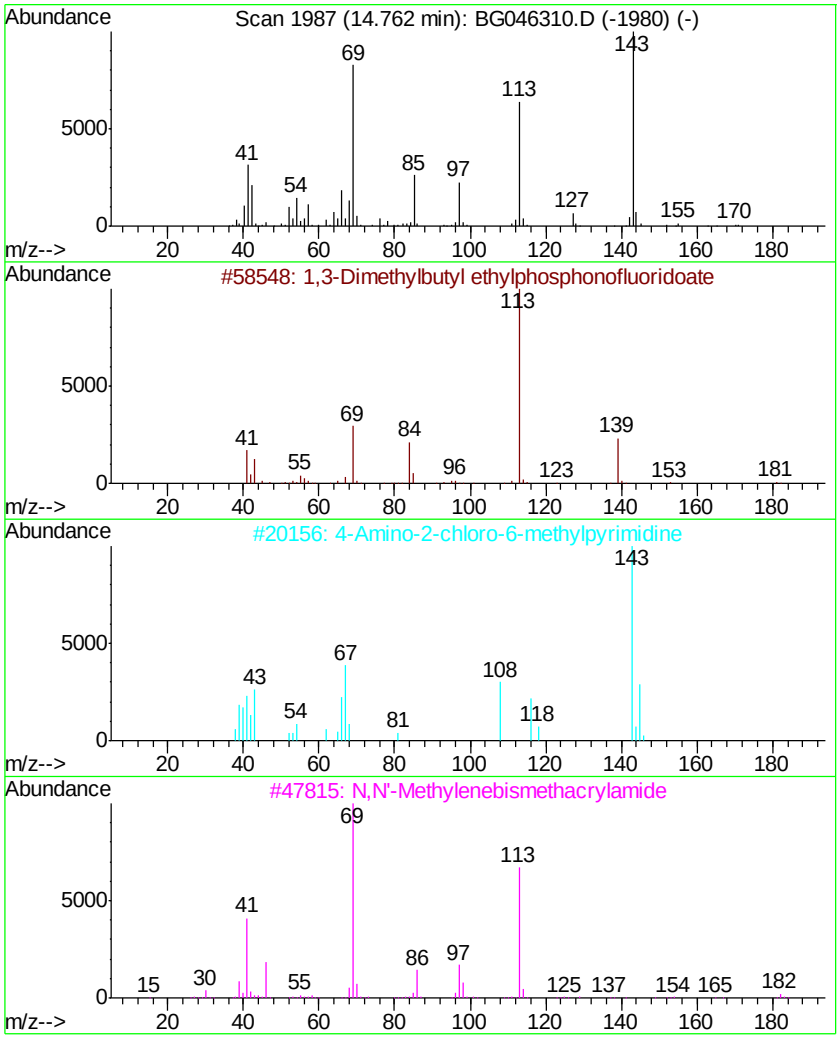
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

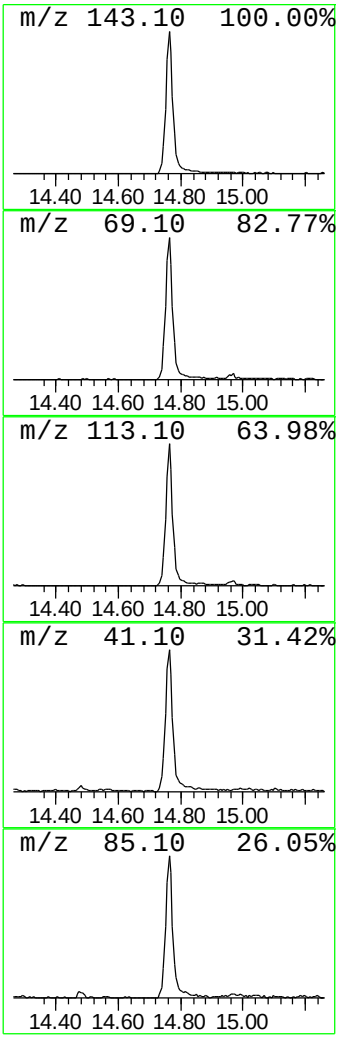
****

Peak Number 12 unknown-08 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	14.66 ng/ul	668684	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dimethylbutyl ethylphosphono...	196	C8H18FO2P	1000298-32-2	32
2	4-Amino-2-chloro-6-methylpyrimidine	143	C5H6ClN3	014394-60-6	27
3	N,N'-Methylenebismethacrylamide	182	C9H14N2O2	002359-15-1	25
4	Glutaric acid, 3,3-dimethylbut-2...	244	C13H24O4	1000359-74-7	25
5	Propanenitrile, 2,2'-azobis[2-me...	164	C8H12N4	000078-67-1	22





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046310.D
Acq On : 18 Aug 2020 00:37
Operator : CG/JU
Sample : L3632-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM82

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

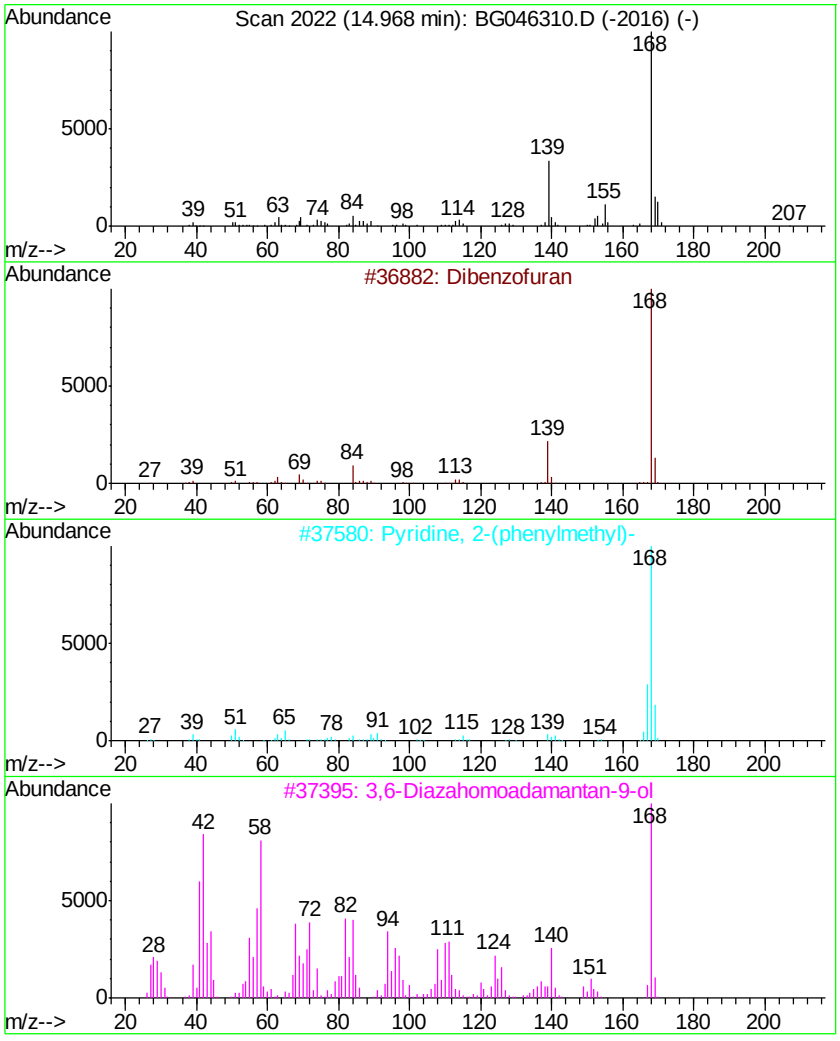
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

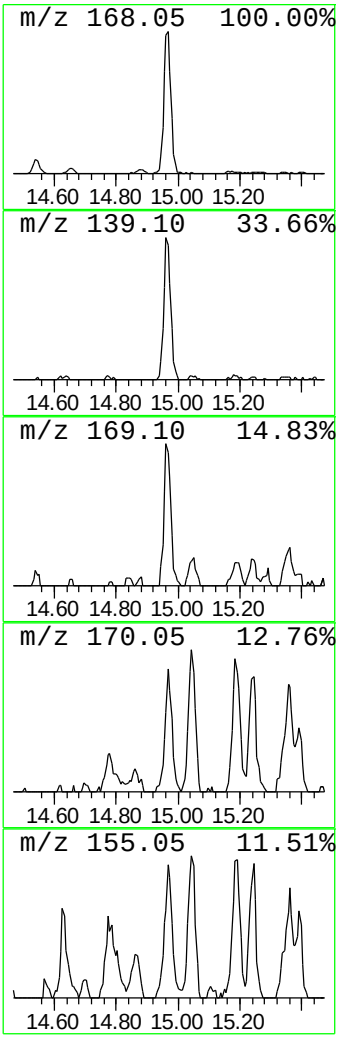
****

Peak Number 13 Dibenzofuran Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.97	3.70 ng/ul	168871	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran	168	C12H8O	000132-64-9	64
2	Pyridine, 2-(phenylmethyl)-	169	C12H11N	000101-82-6	50
3	3,6-Diazahomoadamantan-9-ol	168	C9H16N2O	138023-21-9	47
4	3,5-Dimethoxybenzyl alcohol	168	C9H12O3	000705-76-0	45
5	Benzoic acid, 4-(methylthio)-	168	C8H8O2S	013205-48-6	42





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046310.D
Acq On : 18 Aug 2020 00:37
Operator : CG/JU
Sample : L3632-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM82

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

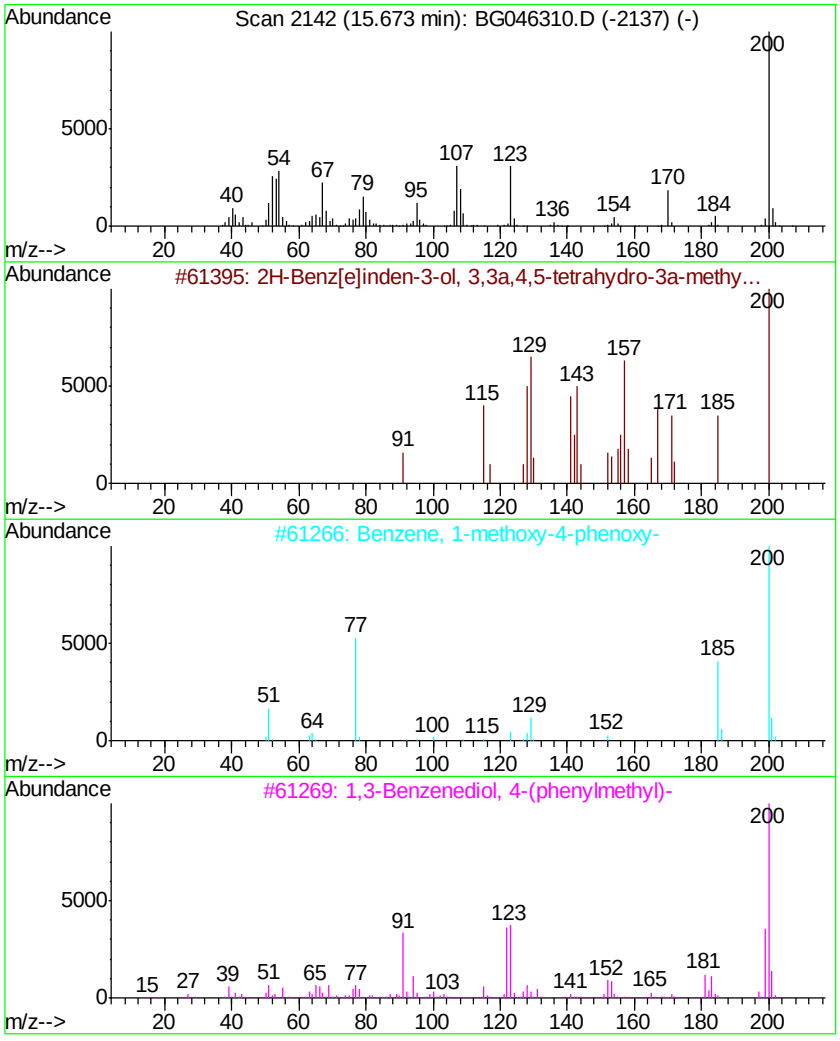
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

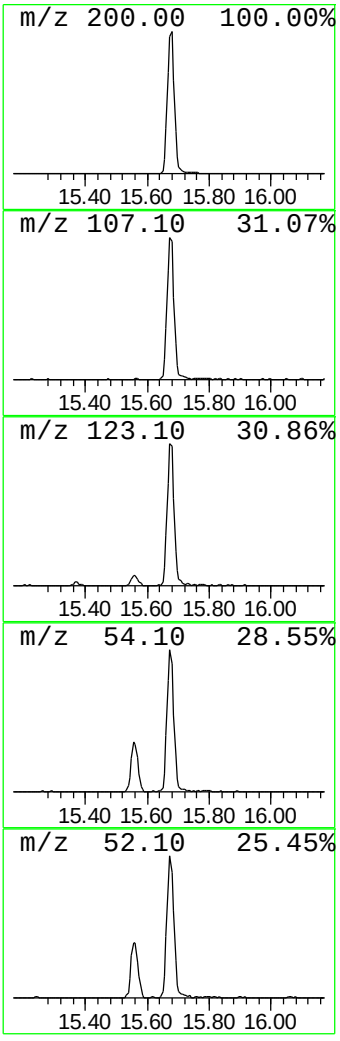
****

Peak Number 14 unknown-09 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	15.27 ng/ul	696687	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	Benzene, 1-methoxy-4-phenoxy-	200	C13H12O2	001655-69-2	22
3	1,3-Benzenediol, 4-(phenylmethyl)-	200	C13H12O2	002284-30-2	16
4	l-Leucine, N-isobutoxycarbonyl-N...	441	C26H51NO4	1000321-87-7	14
5	Benzene, 1-methoxy-3-phenoxy-	200	C13H12O2	001655-68-1	14





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046310.D
Acq On : 18 Aug 2020 00:37
Operator : CG/JU
Sample : L3632-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM82

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

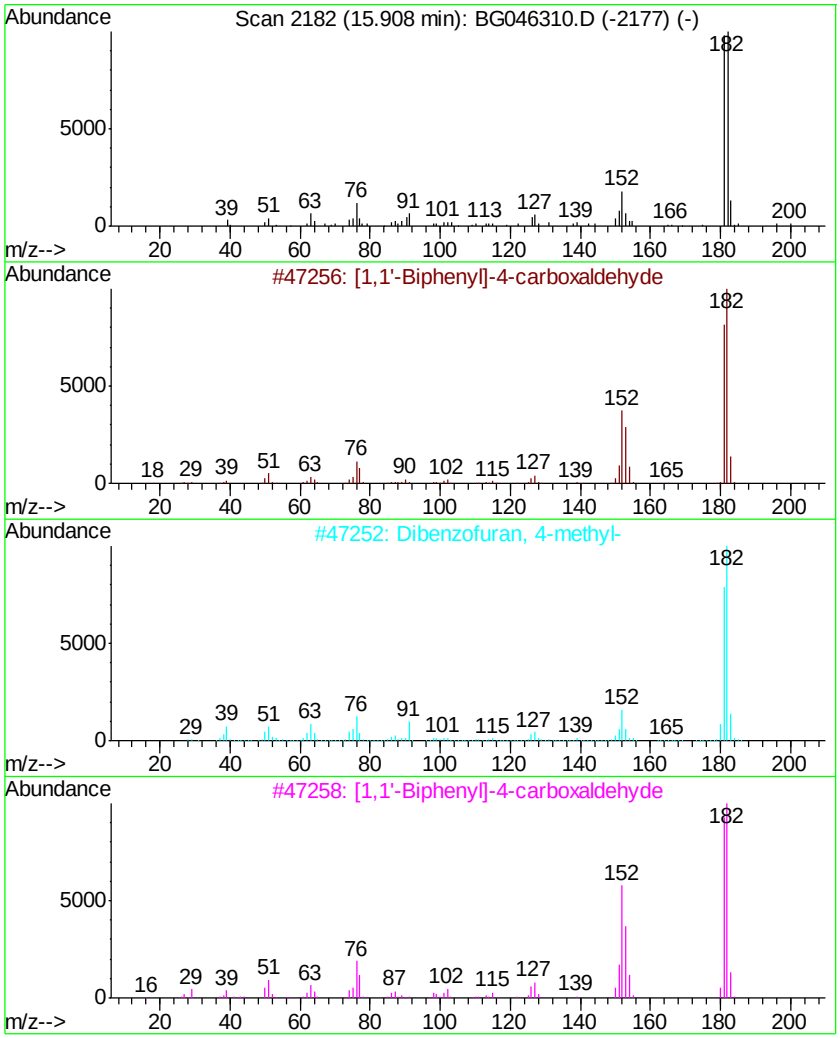
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

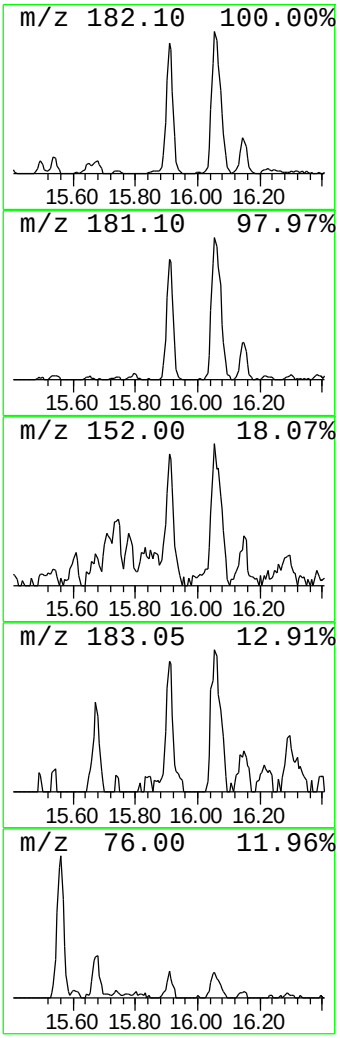
****

Peak Number 15 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	2.53 ng/ul	115246	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	90
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	81
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
4	Pyrido[2,3-b]indole, 6-methyl-	182	C12H10N2	108349-67-3	72
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046310.D
Acq On : 18 Aug 2020 00:37
Operator : CG/JU
Sample : L3632-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM82

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

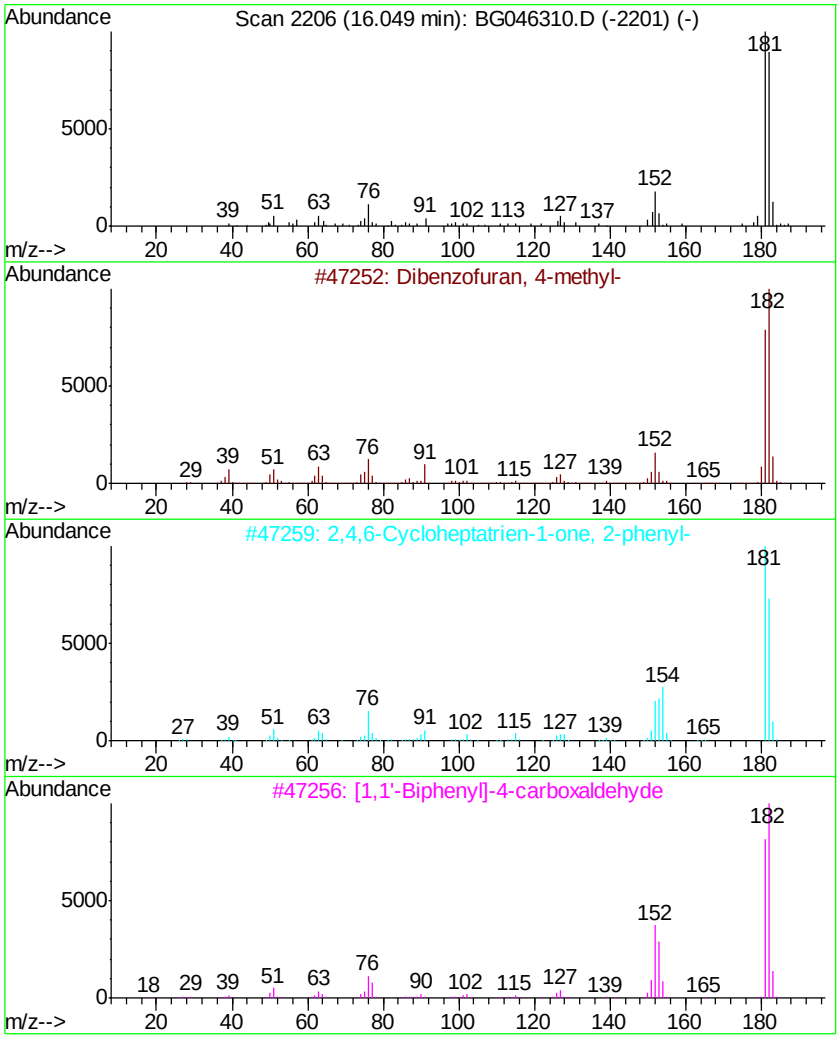
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

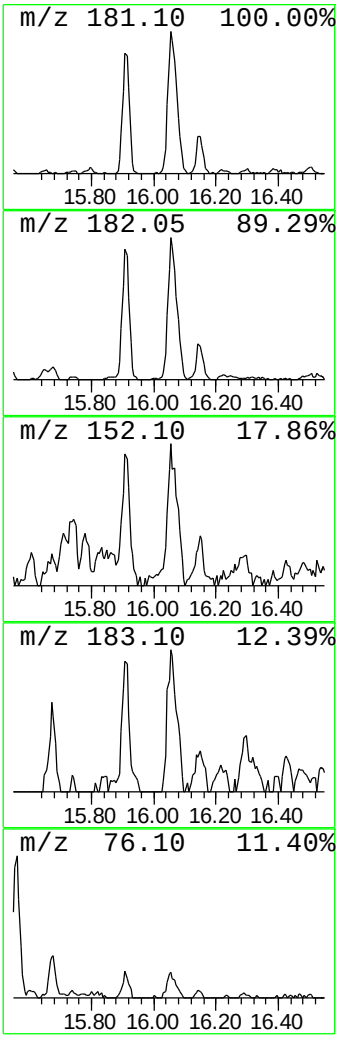
****

Peak Number 16 Dibenzofuran, 4-methyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.05	2.44 ng/ul	140897	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	78
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046310.D
Acq On : 18 Aug 2020 00:37
Operator : CG/JU
Sample : L3632-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM82

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

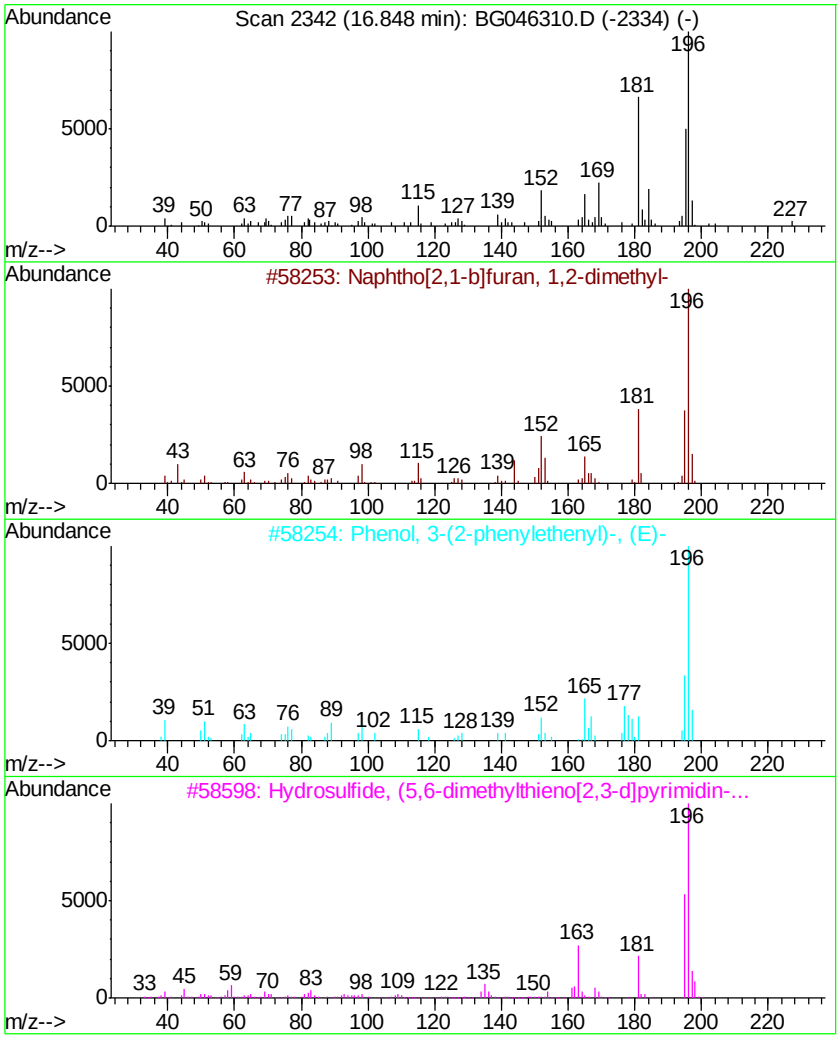
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

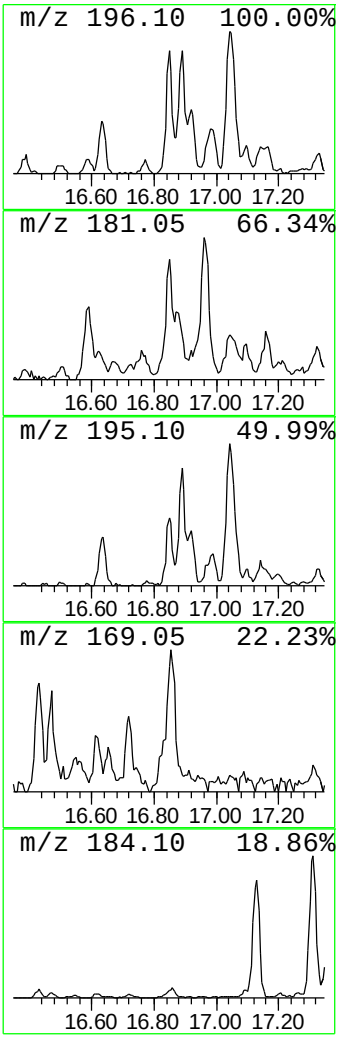
****

Peak Number 17 Naphtho[2,1-b]furan, 1,2-di... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.85	2.08 ng/ul	120182	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]furan, 1,2-dimethyl-	196	C14H12O	129812-23-3	58
2	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	53
3	Hydrosulfide, (5,6-dimethylthien...	196	C8H8N2S2	1000362-41-8	47
4	Perimidine, 2-ethyl-	196	C13H12N2	028478-13-9	47
5	Methane, di-p-tolyl-	196	C15H16	004957-14-6	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046310.D
Acq On : 18 Aug 2020 00:37
Operator : CG/JU
Sample : L3632-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM82

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

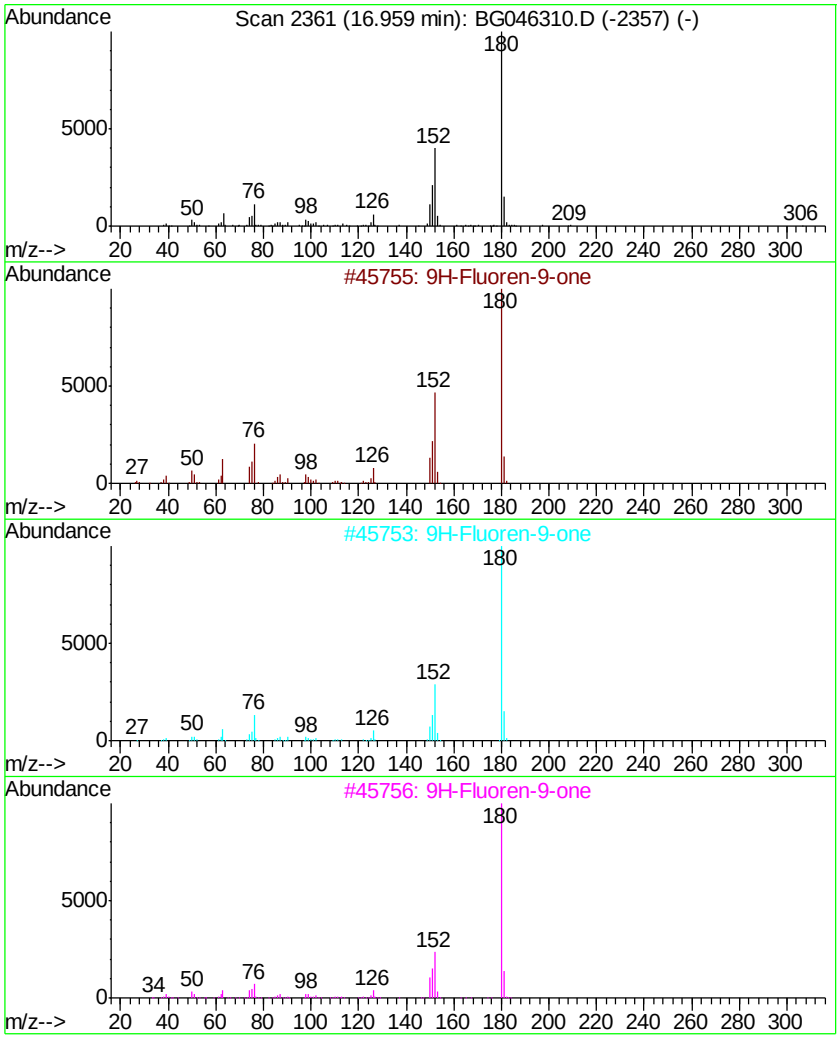
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

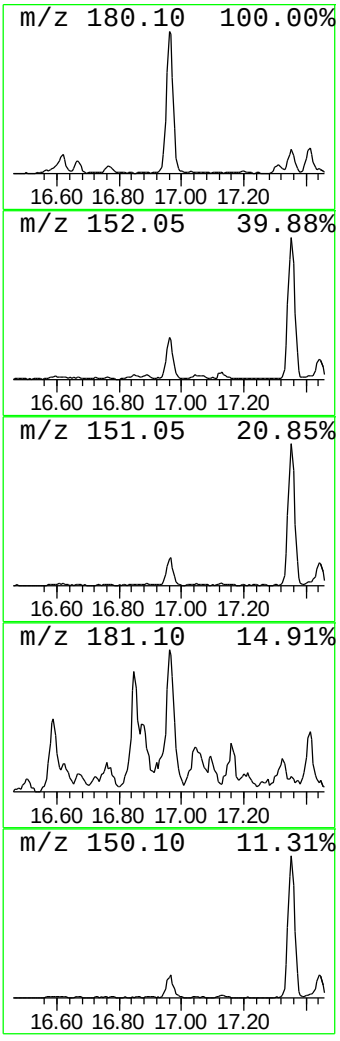
****

Peak Number 18 9H-Fluoren-9-one Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.96	4.20 ng/ul	242141	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	97
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046310.D
Acq On : 18 Aug 2020 00:37
Operator : CG/JU
Sample : L3632-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM82

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

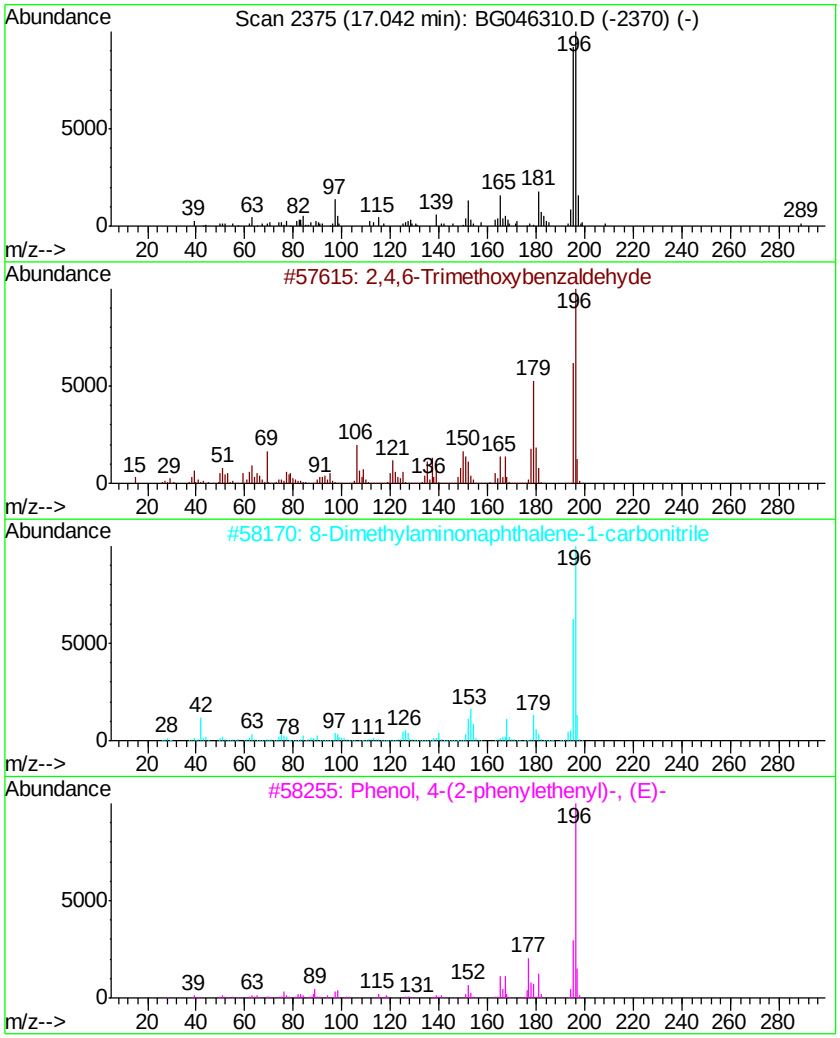
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

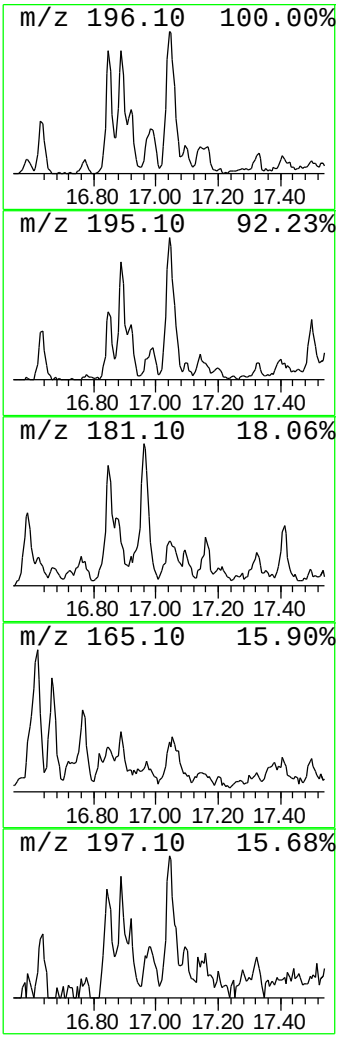
****

Peak Number 19 2,4,6-Trimethoxybenzaldehyde Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.04	2.96 ng/ul	170686	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Trimethoxybenzaldehyde	196	C10H12O4	000830-79-5	80
2	8-Dimethylaminonaphthalene-1-car...	196	C13H12N2	128644-69-9	80
3	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	52
4	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	47
5	Perimidine, 2-ethyl-	196	C13H12N2	028478-13-9	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046310.D
Acq On : 18 Aug 2020 00:37
Operator : CG/JU
Sample : L3632-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM82

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

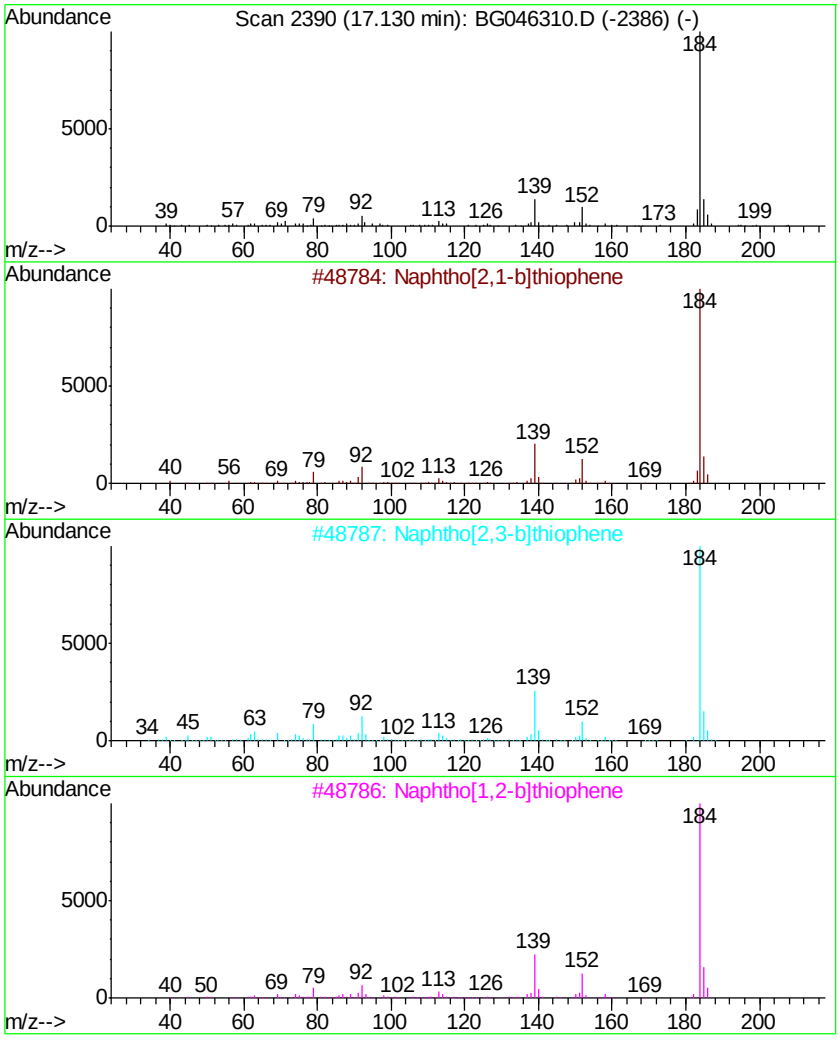
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

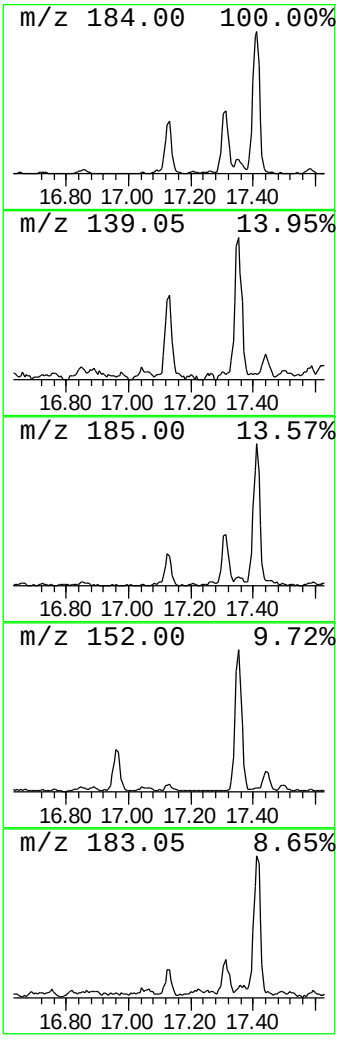
****

Peak Number 20 Naphtho[2,1-b]thiophene Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.13	2.57 ng/ul	148423	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
4	Dibenzothiophene	184	C12H8S	000132-65-0	93
5	Dibenzothiophene	184	C12H8S	000132-65-0	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046310.D
Acq On : 18 Aug 2020 00:37
Operator : CG/JU
Sample : L3632-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM82

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

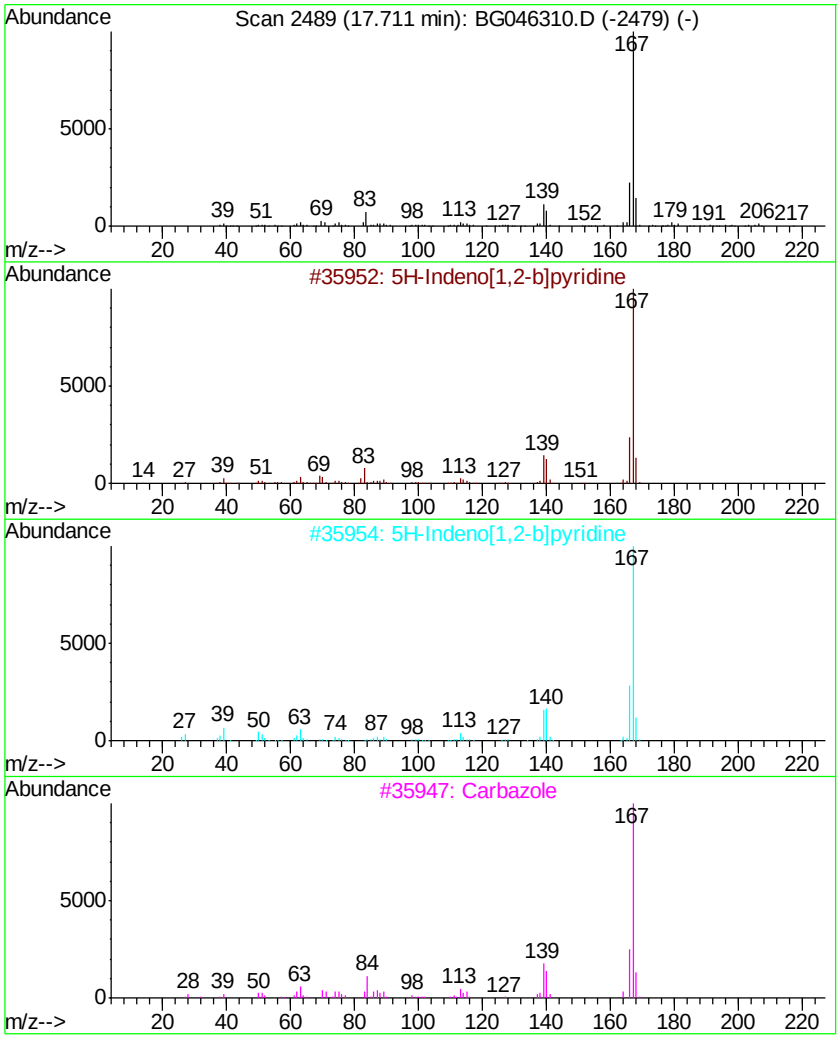
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

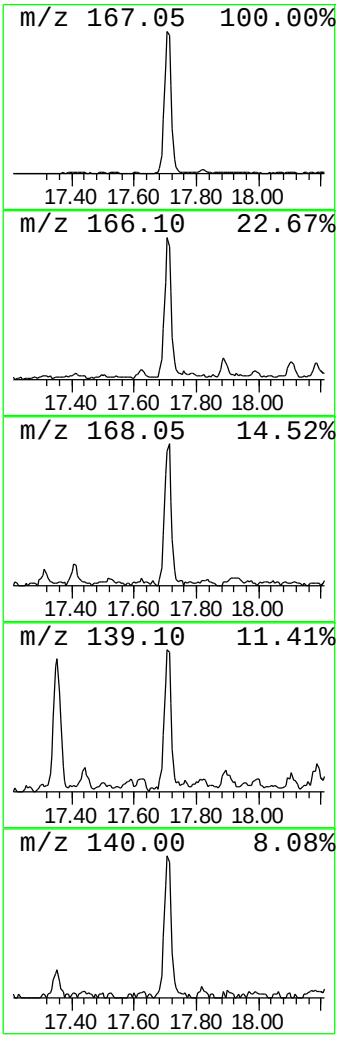
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.71	5.94 ng/ul	342301	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	93
2	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	90
3	Carbazole	167	C12H9N	000086-74-8	90
4	Carbazole	167	C12H9N	000086-74-8	87
5	Carbazole	167	C12H9N	000086-74-8	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046310.D
Acq On : 18 Aug 2020 00:37
Operator : CG/JU
Sample : L3632-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM82

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

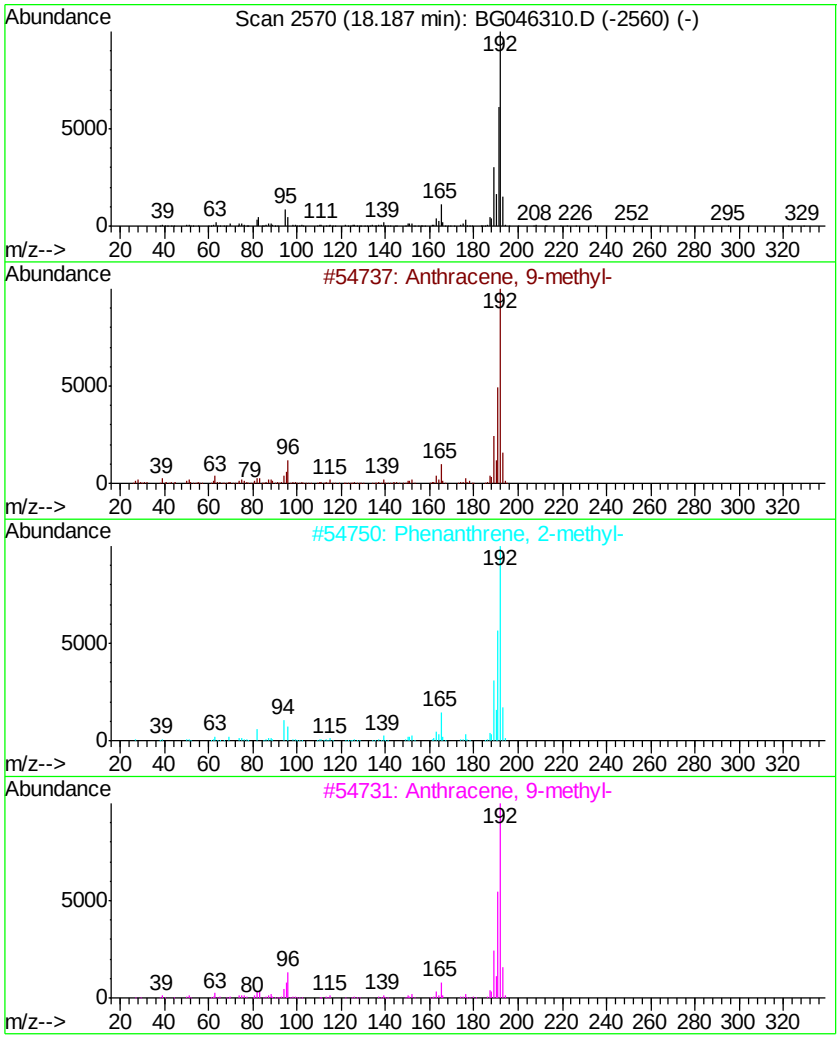
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

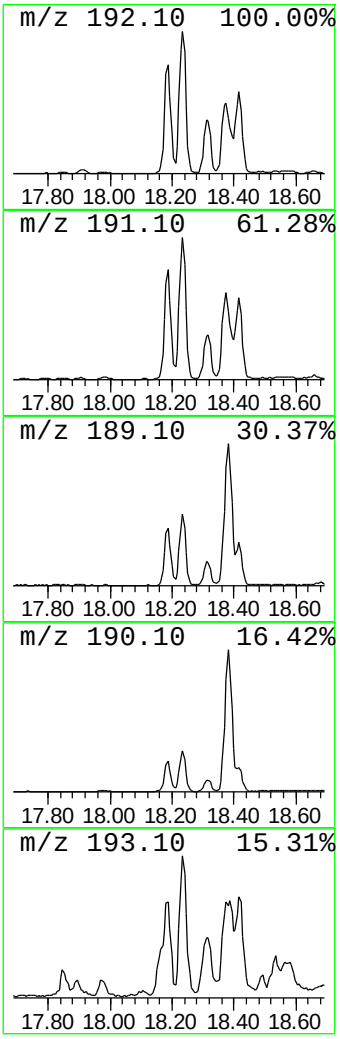
****

Peak Number 22 Anthracene, 9-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.19	7.61 ng/ul	438561	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046310.D
Acq On : 18 Aug 2020 00:37
Operator : CG/JU
Sample : L3632-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM82

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

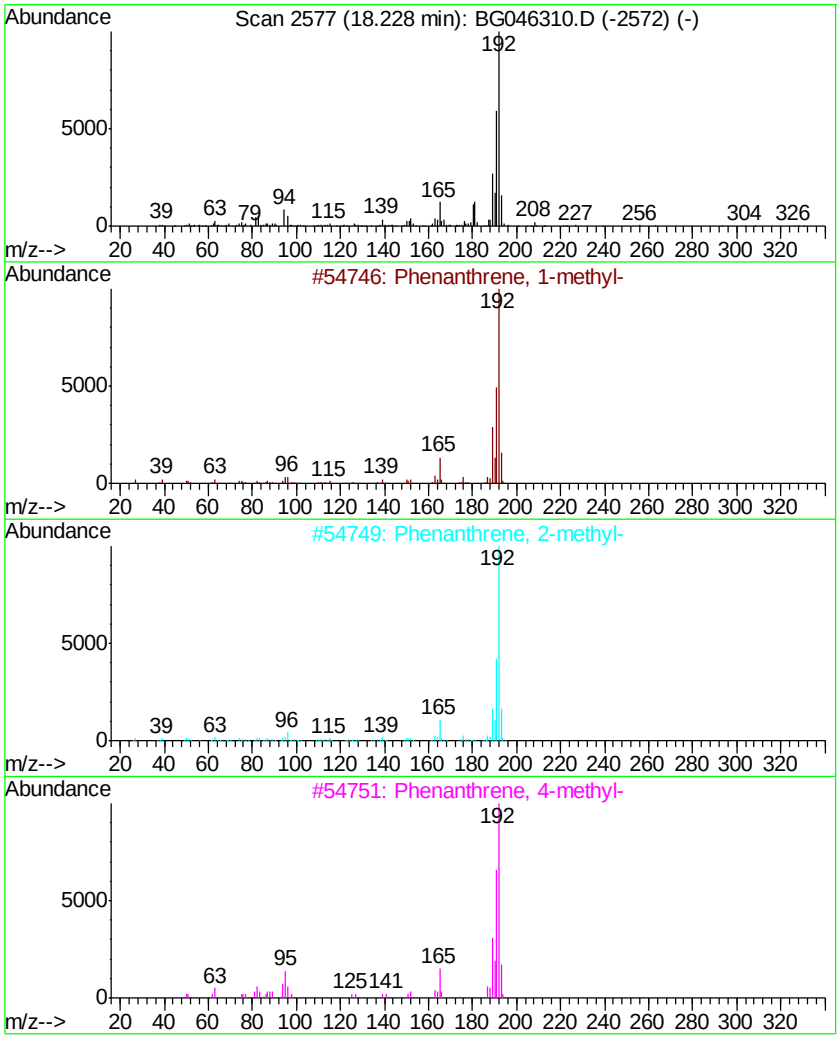
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

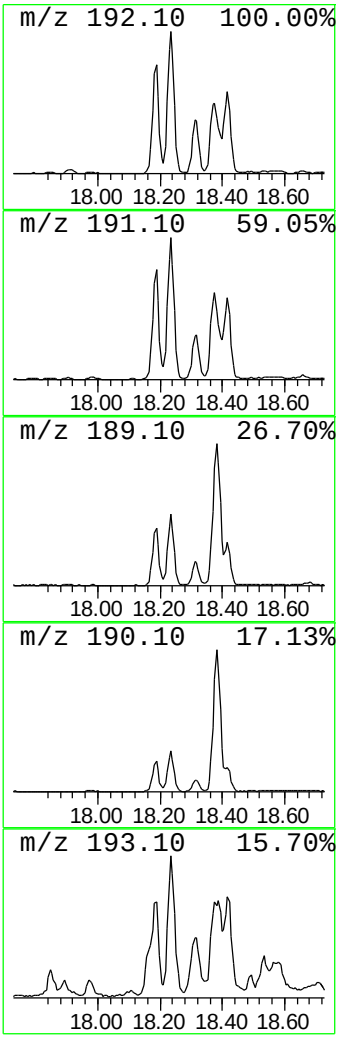
****

Peak Number 23 Phenanthrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.23	14.24 ng/ul	821014	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046310.D
Acq On : 18 Aug 2020 00:37
Operator : CG/JU
Sample : L3632-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM82

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

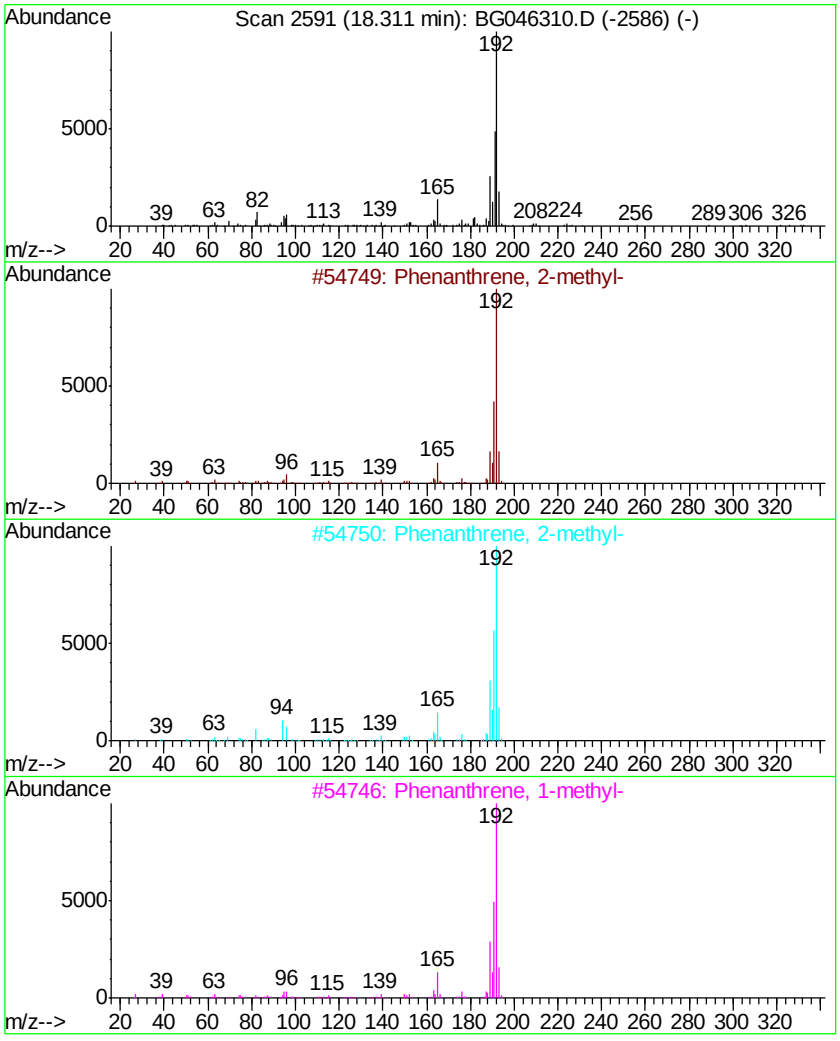
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

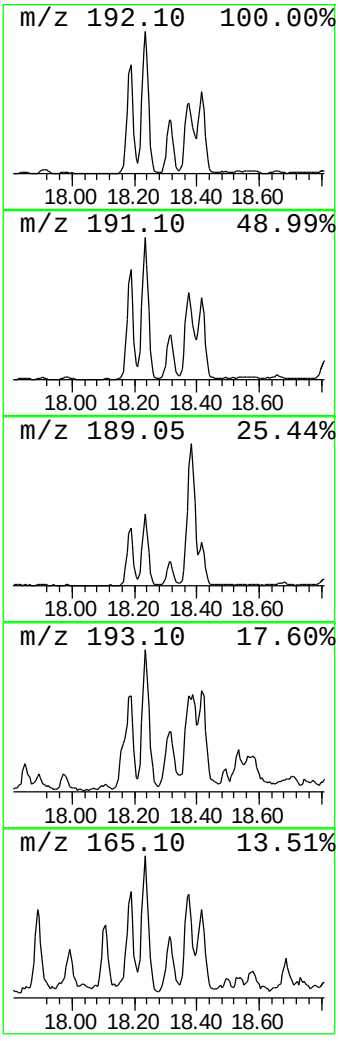
****

Peak Number 24 Phenanthrene, 2-methyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.31	3.67 ng/ul	211765	Phenanthrene-d10	17.31

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	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046310.D
Acq On : 18 Aug 2020 00:37
Operator : CG/JU
Sample : L3632-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM82

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

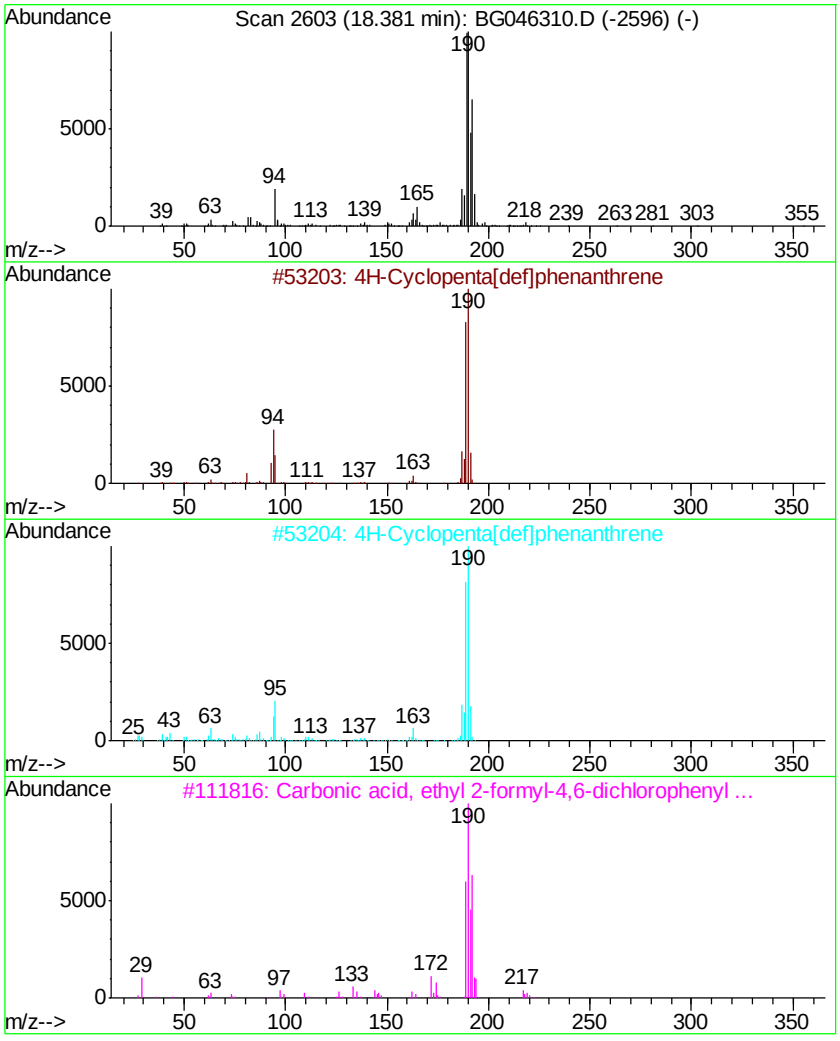
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

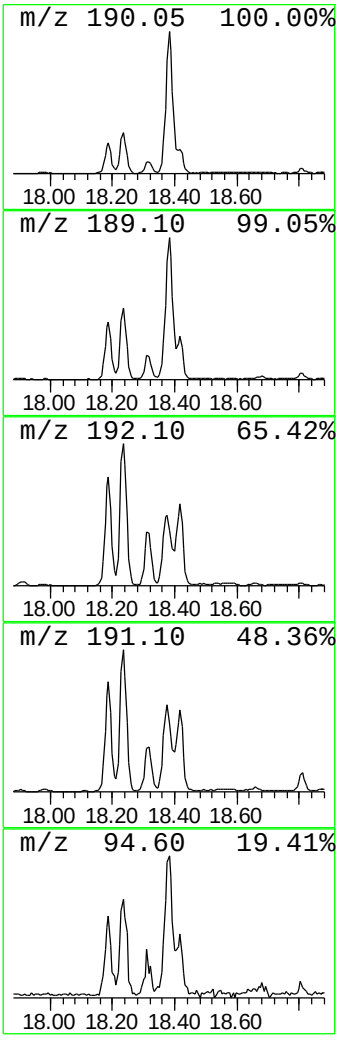
****

Peak Number 25 4H-Cyclopenta[def]phenanthrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	12.01 ng/ul	692479	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	30





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046310.D
Acq On : 18 Aug 2020 00:37
Operator : CG/JU
Sample : L3632-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM82

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

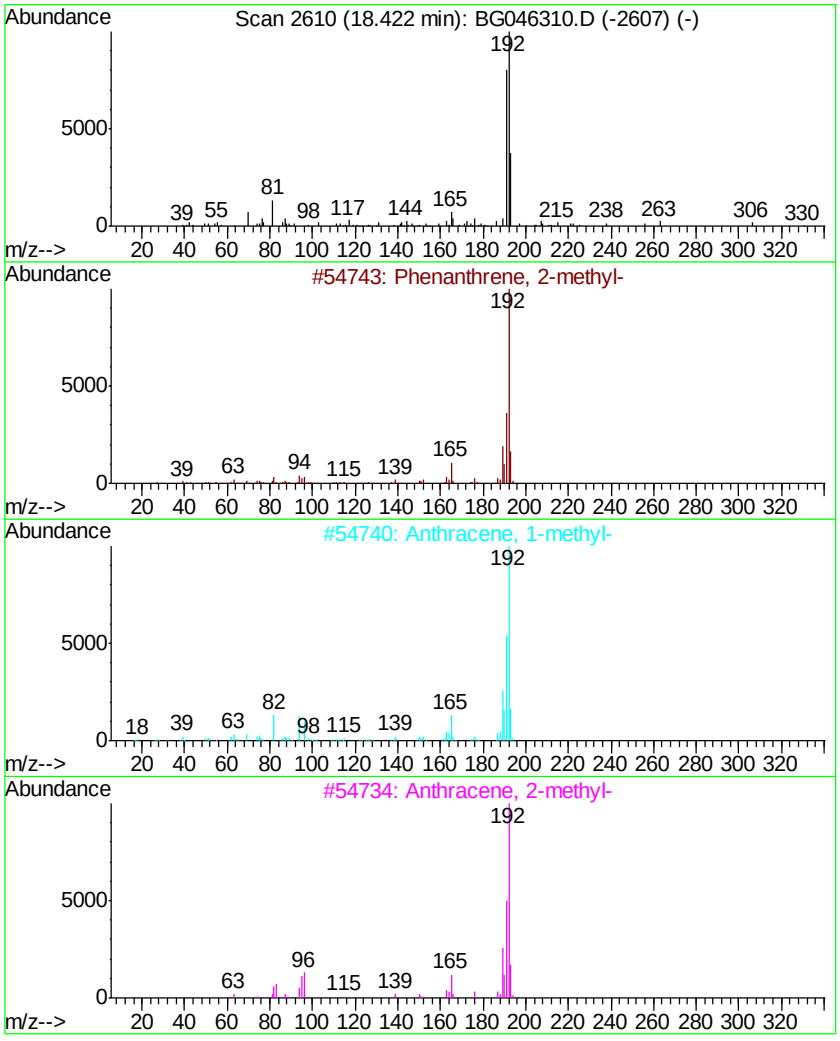
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

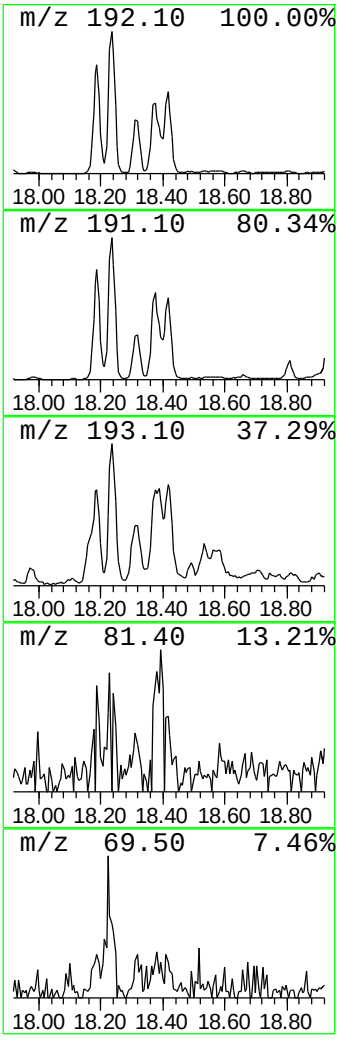
****

Peak Number 26 Anthracene, 1-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	4.05 ng/ul	233592	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046310.D
Acq On : 18 Aug 2020 00:37
Operator : CG/JU
Sample : L3632-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM82

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

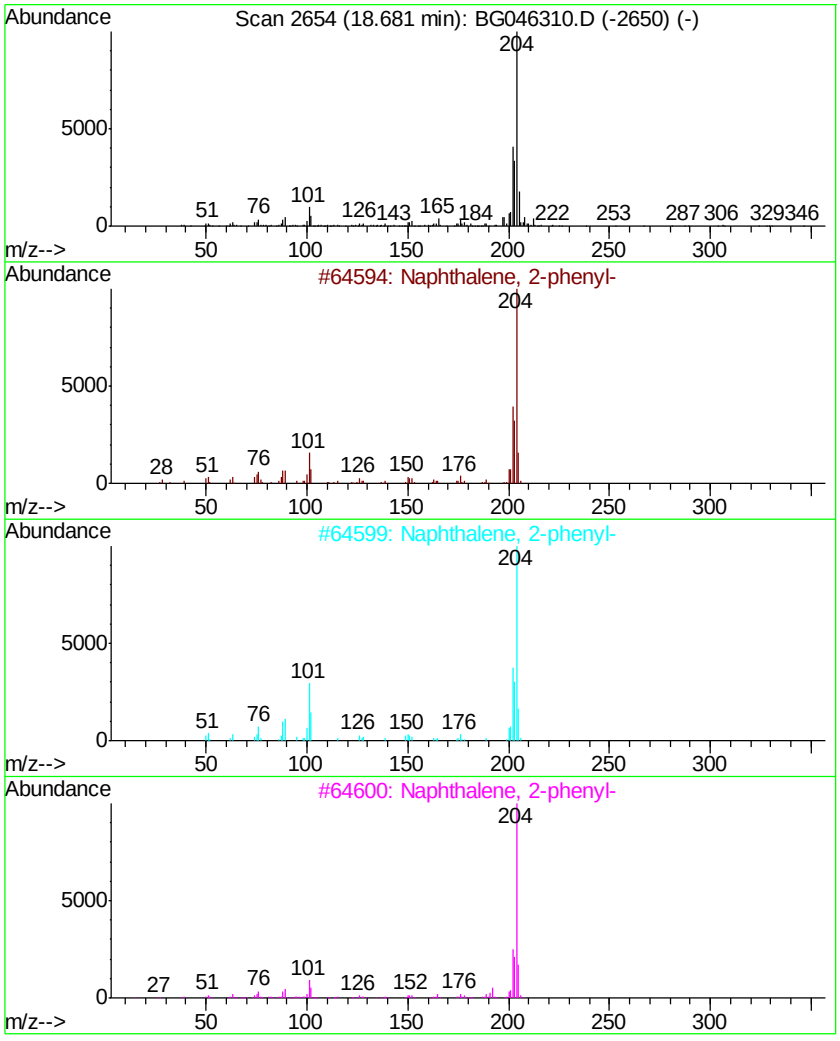
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

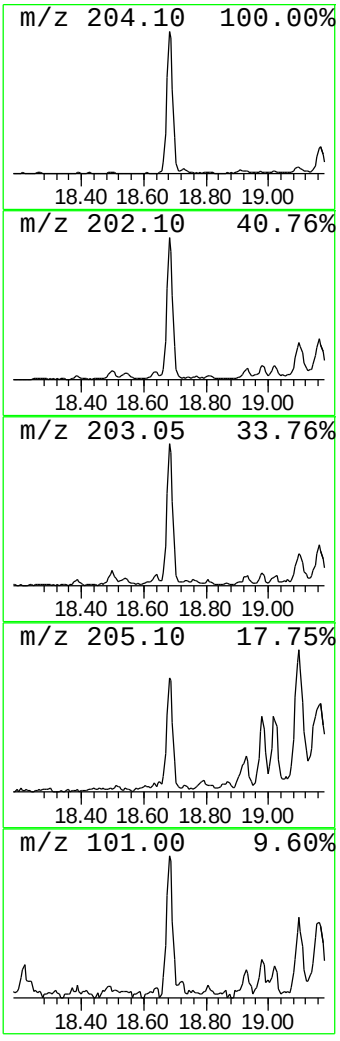
****

Peak Number 27 Naphthalene, 2-phenyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.68	5.31 ng/ul	306225	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	92
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	89
5	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046310.D
Acq On : 18 Aug 2020 00:37
Operator : CG/JU
Sample : L3632-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM82

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

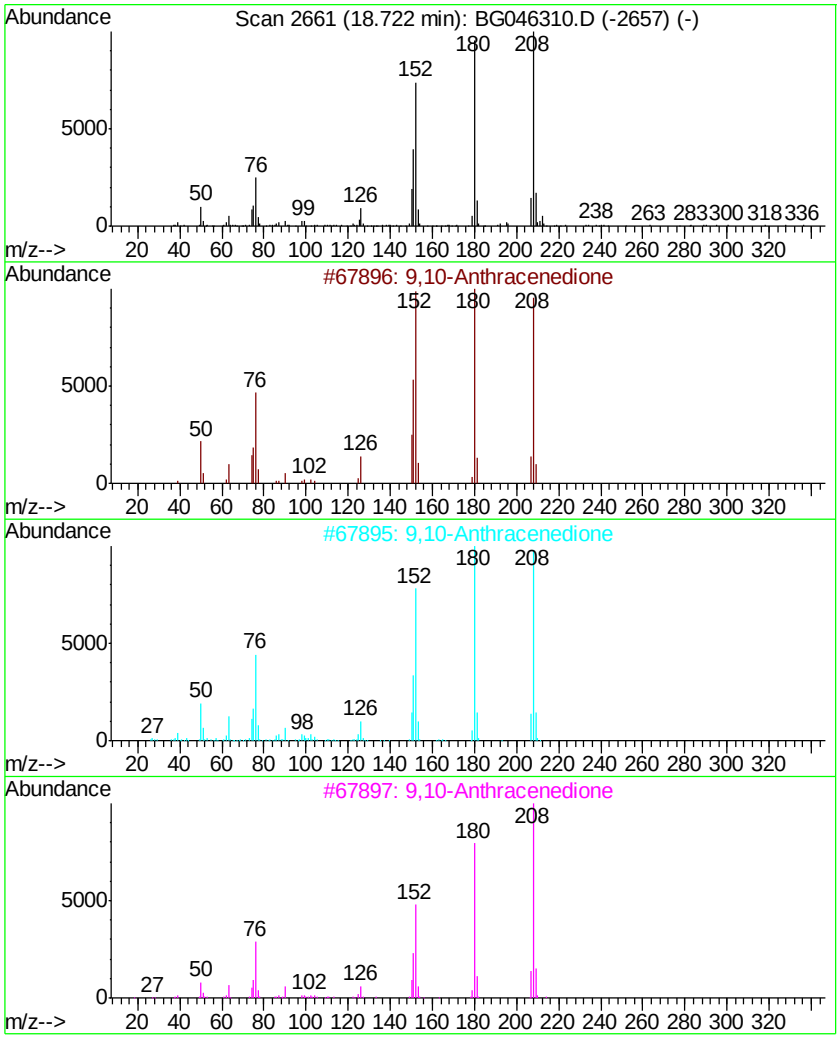
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

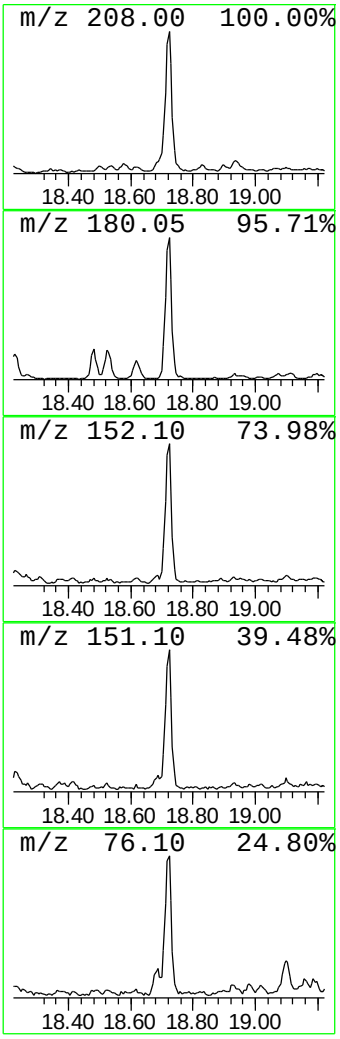
****

Peak Number 28 9,10-Anthracenedione Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.72	6.41 ng/ul	369257	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	58





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046310.D
Acq On : 18 Aug 2020 00:37
Operator : CG/JU
Sample : L3632-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM82

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

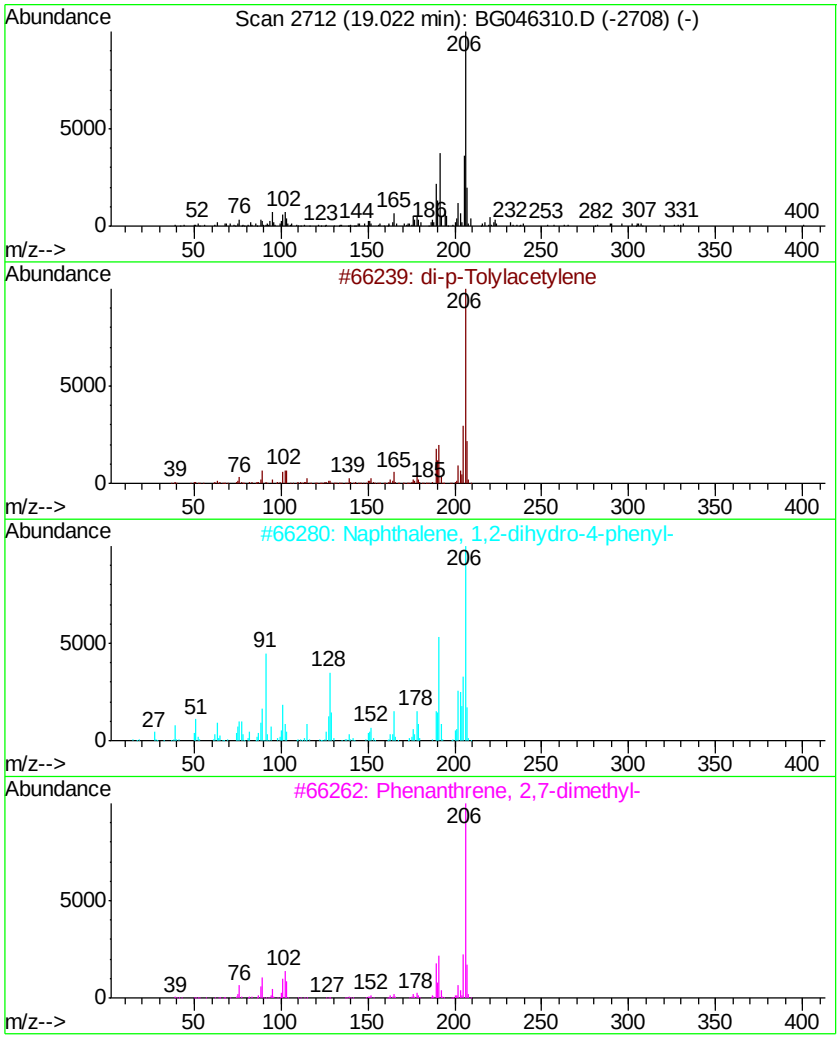
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

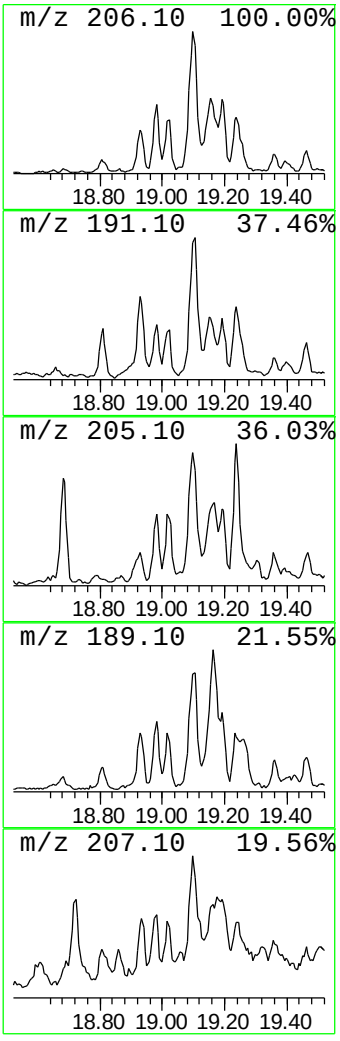
****

Peak Number 29 di-p-Tolylacetylene Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.02	2.03 ng/ul	117082	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	87
2	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	81
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	81
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	81
5	Benzene, 1,1'-(1,3-butadienylide...	206	C16H14	004165-81-5	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046310.D
Acq On : 18 Aug 2020 00:37
Operator : CG/JU
Sample : L3632-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM82

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

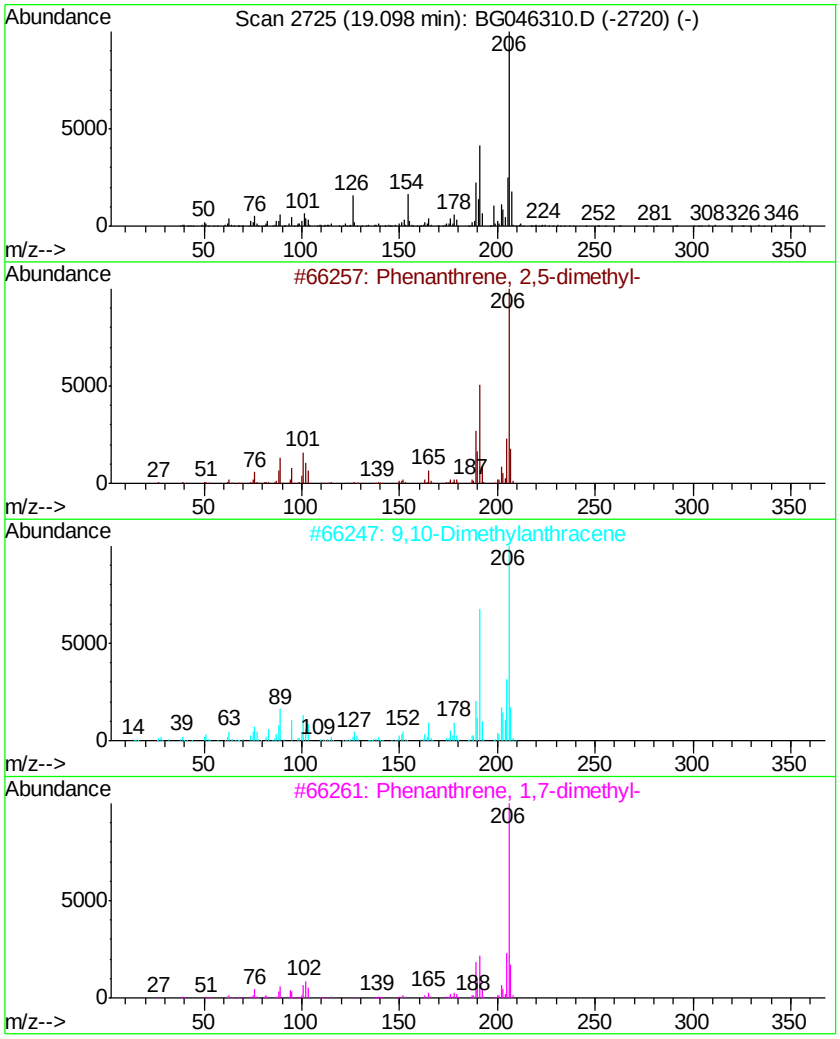
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

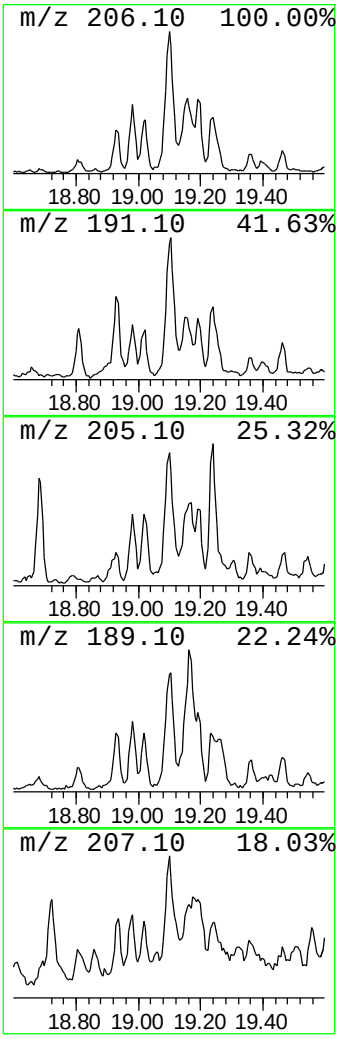
****

Peak Number 30 Phenanthrene, 2,5-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.10	7.29 ng/ul	420053	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	86
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081720\
Data File : BG046310.D
Acq On : 18 Aug 2020 00:37
Operator : CG/JU
Sample : L3632-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM82

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	102.1	ng/ul	1876370	1	7.94	367533	20.0
unknown-01	3.92	2.7	ng/ul	49919	1	7.94	367533	20.0
4H-Imidazol-4-one...	7.11	40.5	ng/ul	744400	1	7.94	367533	20.0
unknown-02	7.26	28.3	ng/ul	519792	1	7.94	367533	20.0
unknown-03	7.48	39.0	ng/ul	717506	1	7.94	367533	20.0
unknown-04	8.65	49.5	ng/ul	908826	1	7.94	367533	20.0
1H-Imidazole, 4-m...	9.09	37.0	ng/ul	679343	1	7.94	367533	20.0
unknown-05	9.81	20.7	ng/ul	601718	2	10.74	581335	20.0
unknown-06	10.87	28.6	ng/ul	831682	2	10.74	581335	20.0
unknown-07	13.97	34.1	ng/ul	1555950	3	14.57	912516	20.0
Dimethyl phthalate	14.02	9.1	ng/ul	413183	3	14.57	912516	20.0
unknown-08	14.76	14.7	ng/ul	668684	3	14.57	912516	20.0
Dibenzofuran	14.97	3.7	ng/ul	168871	3	14.57	912516	20.0
unknown-09	15.67	15.3	ng/ul	696687	3	14.57	912516	20.0
[1,1'-Biphenyl]-4...	15.91	2.5	ng/ul	115246	3	14.57	912516	20.0
Dibenzofuran, 4-m...	16.05	2.4	ng/ul	140897	4	17.31	1152940	20.0
Naphtho[2,1-b]fur...	16.85	2.1	ng/ul	120182	4	17.31	1152940	20.0
9H-Fluoren-9-one	16.96	4.2	ng/ul	242141	4	17.31	1152940	20.0
2,4,6-Trimethoxyb...	17.04	3.0	ng/ul	170686	4	17.31	1152940	20.0
Naphtho[2,1-b]thi...	17.13	2.6	ng/ul	148423	4	17.31	1152940	20.0
5H-Indeno[1,2-b]p...	17.71	5.9	ng/ul	342301	4	17.31	1152940	20.0
Anthracene, 9-met...	18.19	7.6	ng/ul	438561	4	17.31	1152940	20.0
Phenanthrene, 1-m...	18.23	14.2	ng/ul	821014	4	17.31	1152940	20.0
Phenanthrene, 2-m...	18.31	3.7	ng/ul	211765	4	17.31	1152940	20.0
4H-Cyclopenta[def...	18.38	12.0	ng/ul	692479	4	17.31	1152940	20.0
Anthracene, 1-met...	18.42	4.0	ng/ul	233592	4	17.31	1152940	20.0
Naphthalene, 2-ph...	18.68	5.3	ng/ul	306225	4	17.31	1152940	20.0
9,10-Anthracenedione	18.72	6.4	ng/ul	369257	4	17.31	1152940	20.0
di-p-Tolylacetylene	19.02	2.0	ng/ul	117082	4	17.31	1152940	20.0
Phenanthrene, 2,5...	19.10	7.3	ng/ul	420053	4	17.31	1152940	20.0