LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046375.D
Acq On : 20 Aug 2020 12:34
Operator : CG/JU
Sample : L3634-17
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMG5

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	3.141	4	9	25	rVB	1476464	2441365	95.66%	6.211%
2	3.916	136	141	150	rVV2	24057	38160	1.50%	0.097%
3	4.046	158	163	170	rVB2	13292	23250	0.91%	0.059%
4	7.107	677	684	694	rBV	173378	314147	12.31%	0.799%
5	7.265	703	711	720	rBV	146970	246760	9.67%	0.628%
6	7.471	739	746	755	rBV	186892	323164	12.66%	0.822%
7	7.935	819	825	834	rBV	259476	445135	17.44%	1.132%
8	8.640	937	945	960	rBV	205929	382989	15.01%	0.974%
9	9.087	1015	1021	1031	rBV	167683	306350	12.00%	0.779%
10	9.815	1137	1145	1156	rBV	142036	256818	10.06%	0.653%
11	10.356	1229	1237	1252	rBV	231348	428719	16.80%	1.091%
12	10.732	1293	1301	1308	rBV	376579	680005	26.65%	1.730%
13	10.861	1316	1323	1335	rBV	172661	342408	13.42%	0.871%
14	13.470	1761	1767	1774	rVB	61981	96104	3.77%	0.244%
15	13.887	1830	1838	1843	rBV3	15264	28286	1.11%	0.072%
16	13.969	1843	1852	1856	rVV	457316	657766	25.77%	1.673%
17	14.016	1856	1860	1867	rVB	98510	140675	5.51%	0.358%
18	14.257	1894	1901	1916	rVB	521796	849851	33.30%	2.162%
19	14.569	1945	1954	1960	rBV	616272	990411	38.81%	2.520%
20	14.627	1960	1964	1972	rVB	53505	84036	3.29%	0.214%
21	14.762	1980	1987	2000	rBV2	116983	230699	9.04%	0.587%
22	14.962	2016	2021	2028	rVV	44606	76496	3.00%	0.195%
23	15.556	2113	2122	2128	rVV	716643	1090717	42.74%	2.775%
24	15.609	2128	2131	2137	rVV	71431	106334	4.17%	0.271%
25	15.673	2137	2142	2150	rVV	144871	244341	9.57%	0.622%
26	15.779	2156	2160	2166	rVV6	14618	32993	1.29%	0.084%
27	15.908	2178	2182	2191	rVB	30848	51425	2.02%	0.131%
28	16.055	2200	2207	2214	rVV	31721	69744	2.73%	0.177%
29	16.284	2238	2246	2253	rBV8	15832	31675	1.24%	0.081%
30	16.584	2290	2297	2300	rBV5	13578	27667	1.08%	0.070%
31	16.613	2300	2302	2308	rVB3	16651	24776	0.97%	0.063%
32	16.848	2334	2342	2345	rBV3	22296	48011	1.88%	0.122%
33	16.960	2356	2361	2370	rVB2	63626	105348	4.13%	0.268%
34	17.042	2370	2375	2377	rBV	27491	40441	1.58%	0.103%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046375.D
Acq On : 20 Aug 2020 12:34
Operator : CG/JU
Sample : L3634-17
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMG5

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	17.124	2385	2389	2399	rVB	47993	81153	3.18%	0.206%
36	17.307	2414	2420	2424	rBV	820283	1282433	50.25%	3.263%
37	17.354	2424	2428	2432	rVV	926867	1392992	54.58%	3.544%
38	17.406	2432	2437	2441	rVV2	803008	1229143	48.16%	3.127%
39	17.442	2441	2443	2448	rVB	163701	190605	7.47%	0.485%
40	17.495	2448	2452	2459	rVB2	31696	51317	2.01%	0.131%
41	17.706	2479	2488	2493	rBV2	95746	187332	7.34%	0.477%
42	17.829	2505	2509	2513	rVV4	24350	40079	1.57%	0.102%
43	17.888	2516	2519	2527	rVB3	28911	43237	1.69%	0.110%
44	18.106	2551	2556	2560	rBV2	18705	24436	0.96%	0.062%
45	18.182	2560	2569	2573	rBV	154219	278749	10.92%	0.709%
46	18.229	2573	2577	2583	rVB	220228	355170	13.92%	0.904%
47	18.311	2586	2591	2596	rVB	65543	96574	3.78%	0.246%
48	18.376	2596	2602	2606	rBV3	183787	359806	14.10%	0.915%
49	18.417	2606	2609	2614	rVB	113731	154802	6.07%	0.394%
50	18.681	2648	2654	2657	rBV	128795	183164	7.18%	0.466%
51	18.717	2657	2660	2665	rVB	144374	198610	7.78%	0.505%
52	18.811	2672	2676	2682	rBV3	16135	24463	0.96%	0.062%
53	18.928	2688	2696	2700	rBV2	52447	79957	3.13%	0.203%
54	18.981	2701	2705	2708	rVV	36254	52452	2.06%	0.133%
55	19.016	2708	2711	2715	rVB2	41195	56321	2.21%	0.143%
56	19.099	2716	2725	2729	rBV	112031	212707	8.33%	0.541%
57	19.163	2729	2736	2739	rVV4	56289	140206	5.49%	0.357%
58	19.193	2739	2741	2744	rVV	46886	52483	2.06%	0.134%
59	19.234	2744	2748	2757	rVB	110490	188566	7.39%	0.480%
60	19.363	2763	2770	2776	rVB	1454414	2085442	81.72%	5.306%
61	19.422	2776	2780	2783	rBV3	43808	60477	2.37%	0.154%
62	19.457	2783	2786	2790	rVB3	43196	58217	2.28%	0.148%
63	19.504	2791	2794	2798	rBV2	26579	31544	1.24%	0.080%
64	19.551	2798	2802	2806	rBV2	50201	86970	3.41%	0.221%
65	19.604	2808	2811	2814	rVB	30289	35439	1.39%	0.090%
66	19.692	2820	2826	2828	rBV2	1231607	1798702	70.48%	4.576%
67	19.721	2828	2831	2839	rVV	1304395	1813948	71.08%	4.615%
68	19.792	2839	2843	2850	rVB2	87989	145799	5.71%	0.371%
69	19.898	2856	2861	2867	rBV	94170	148448	5.82%	0.378%
70	19.956	2867	2871	2877	rVB	85373	129117	5.06%	0.328%
71	20.033	2879	2884	2892	rBV3	139694	379001	14.85%	0.964%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046375.D
Acq On : 20 Aug 2020 12:34
Operator : CG/JU
Sample : L3634-17
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMG5

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	20.180	2904	2909	2910	rBV2	75670	107993	4.23%	0.275%
73	20.209	2911	2914	2918	rVB	175633	248863	9.75%	0.633%
74	20.315	2928	2932	2935	rBV	98108	132876	5.21%	0.338%
75	20.368	2935	2941	2946	rVV2	167609	296078	11.60%	0.753%
76	20.409	2946	2948	2952	rVB4	35220	39002	1.53%	0.099%
77	20.450	2952	2955	2959	rBV2	37591	52515	2.06%	0.134%
78	20.509	2961	2965	2969	rBV	96123	126358	4.95%	0.321%
79	20.556	2969	2973	2977	rVB	84412	117168	4.59%	0.298%
80	20.667	2989	2992	2996	rVB4	46264	64815	2.54%	0.165%
81	20.767	3006	3009	3012	rBV5	28438	44543	1.75%	0.113%
82	20.967	3038	3043	3050	rVB	165141	266142	10.43%	0.677%
83	21.143	3067	3073	3077	rBV2	106155	242877	9.52%	0.618%
84	21.190	3077	3081	3083	rVV	130237	195643	7.67%	0.498%
85	21.220	3083	3086	3094	rVV4	398561	767681	30.08%	1.953%
86	21.290	3094	3098	3105	rVB	163940	284538	11.15%	0.724%
87	21.549	3135	3142	3147	rBV2	1101215	2552087	100.00%	6.493%
88	21.602	3147	3151	3163	rVB	657854	1128226	44.21%	2.870%
89	21.760	3172	3178	3182	rBV3	89672	200750	7.87%	0.511%
90	21.948	3206	3210	3217	rVB3	73379	132730	5.20%	0.338%
91	22.265	3257	3264	3269	rVB2	127496	248806	9.75%	0.633%
92	22.348	3272	3278	3287	rVV5	94918	291424	11.42%	0.741%
93	23.681	3497	3505	3513	rBV	442132	1477127	57.88%	3.758%
94	23.799	3522	3525	3530	rVB2	61539	95449	3.74%	0.243%
95	23.928	3543	3547	3554	rVB	87311	181153	7.10%	0.461%
96	24.369	3616	3622	3629	rBV	218097	599805	23.50%	1.526%
97	24.451	3629	3636	3642	rVV	525746	1404758	55.04%	3.574%
98	24.516	3642	3647	3658	rVB	359011	898549	35.21%	2.286%
99	24.663	3663	3672	3679	rBV2	523944	1452631	56.92%	3.696%
100	28.170	4262	4269	4288	rVB2	145307	668838	26.21%	1.702%

Sum of corrected areas: 39306352

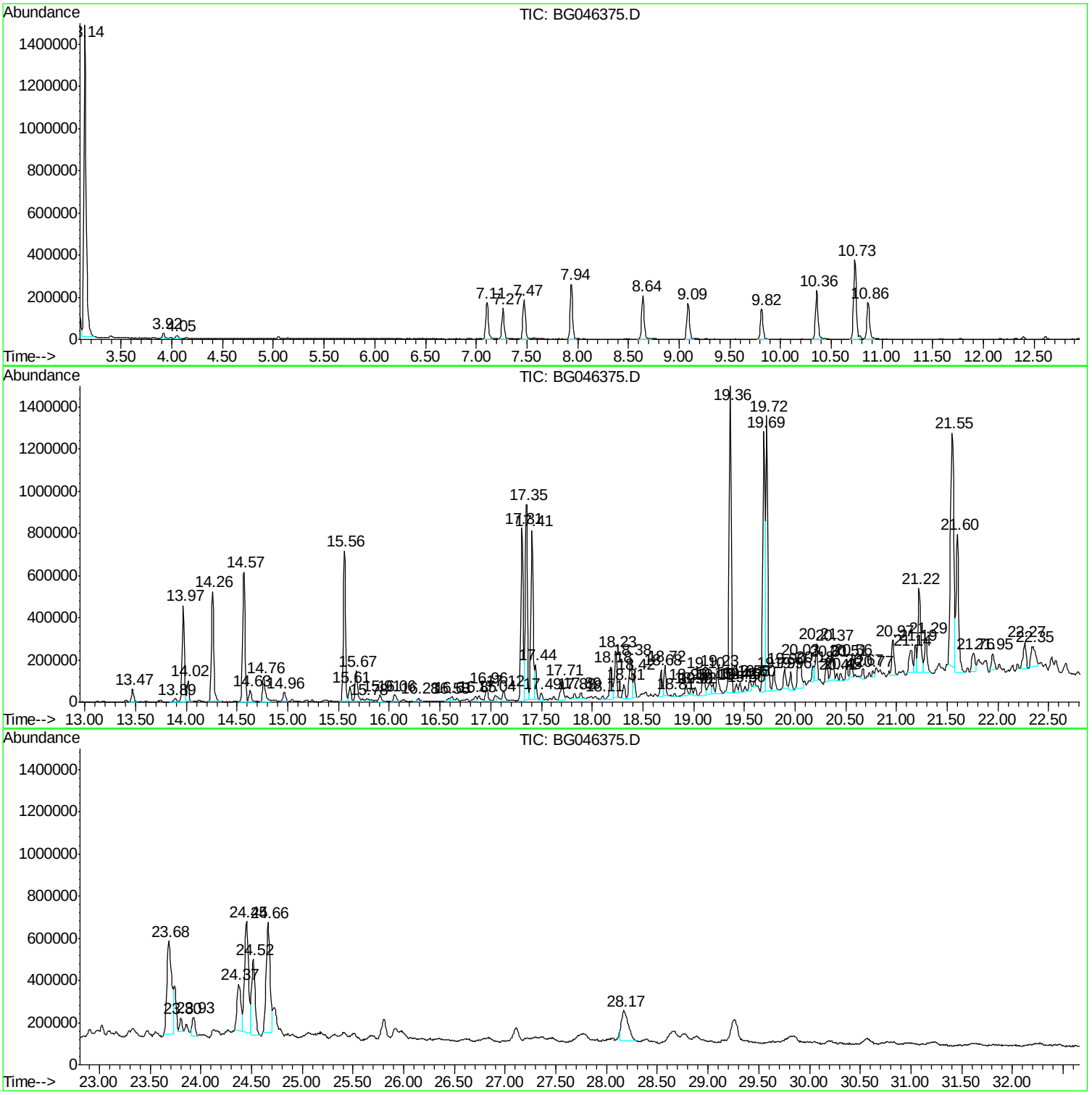
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046375.D
Acq On : 20 Aug 2020 12:34
Operator : CG/JU
Sample : L3634-17
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMG5

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

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046375.D
Acq On : 20 Aug 2020 12:34
Operator : CG/JU
Sample : L3634-17
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMG5

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

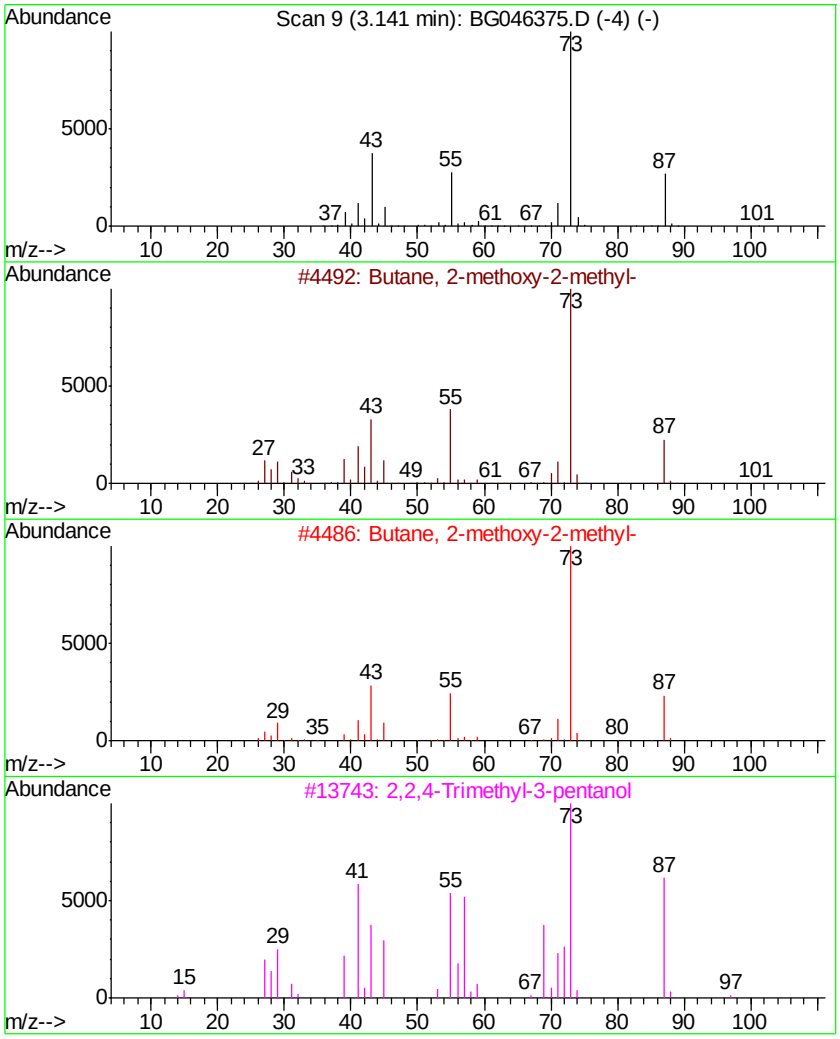
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

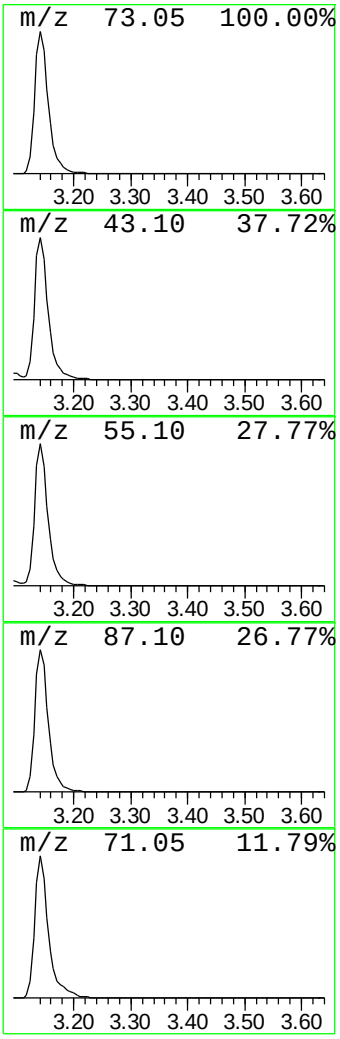
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.14	109.69 ng/ul	2441370	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046375.D
Acq On : 20 Aug 2020 12:34
Operator : CG/JU
Sample : L3634-17
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMG5

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

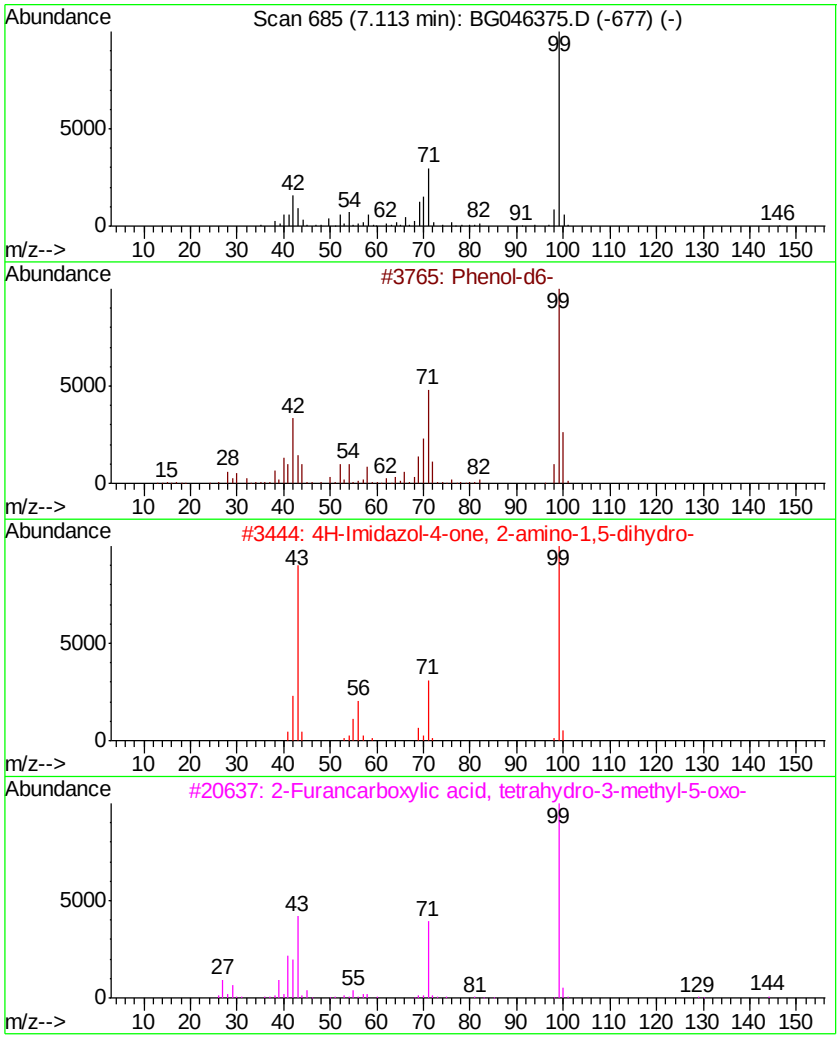
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

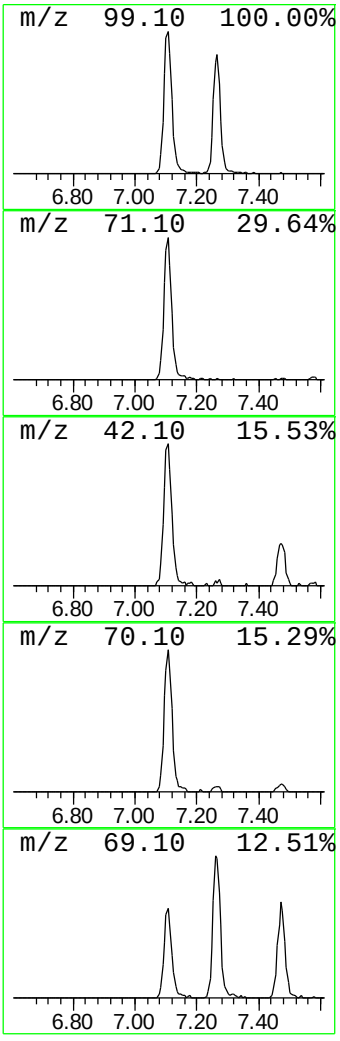
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.11	14.11 ng/ul	314147	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol-d6-	100	C6D6O	013127-88-3	64
2	4H-Imidazol-4-one, 2-amino-1,5-d...	99	C3H5N3O	000503-86-6	59
3	2-Furancarboxylic acid, tetrahyd...	144	C6H8O4	022073-04-7	53
4	Hexanoic acid, anhydride	214	C12H22O3	002051-49-2	45
5	n-Heptyl methylphosphonofluoridate	196	C8H18FO2P	162085-82-7	42





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046375.D
Acq On : 20 Aug 2020 12:34
Operator : CG/JU
Sample : L3634-17
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMG5

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

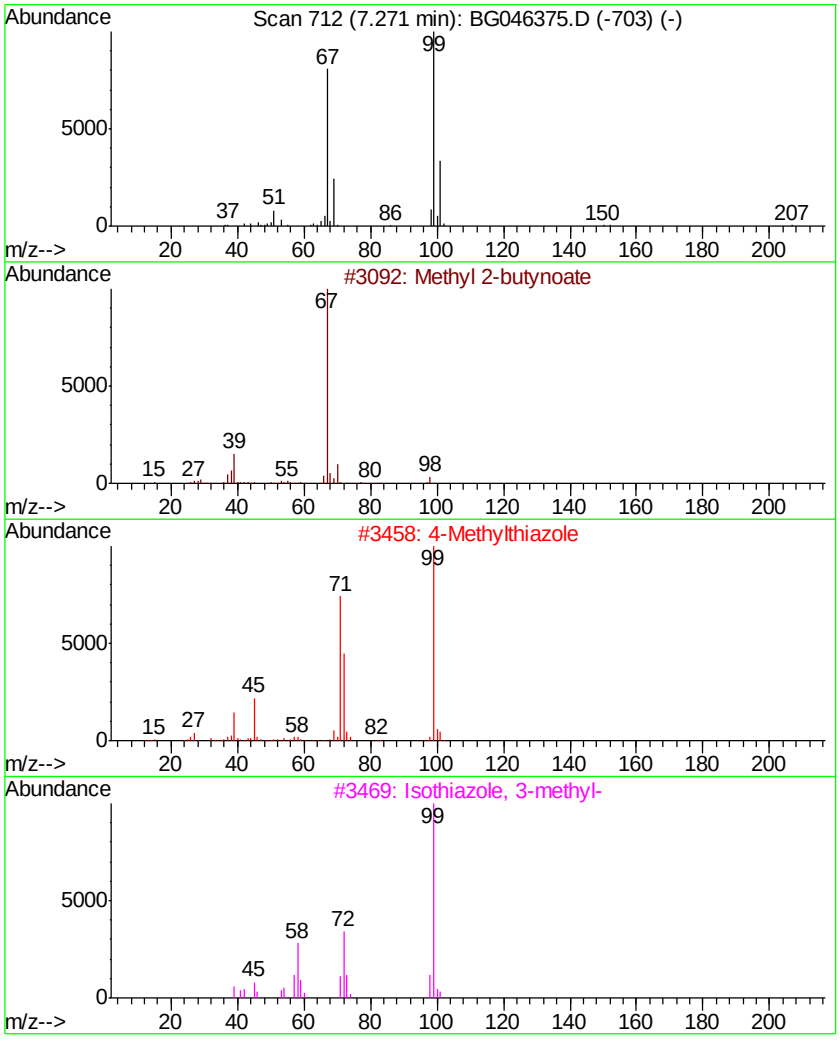
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

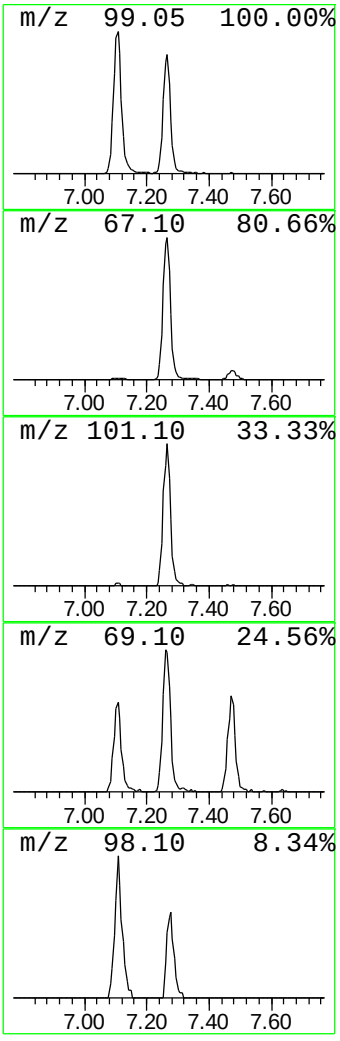
****

Peak Number 3 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.27	11.09 ng/ul	246760	1,4-Dichlorobenzene-d4	7.94

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





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046375.D
Acq On : 20 Aug 2020 12:34
Operator : CG/JU
Sample : L3634-17
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMG5

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

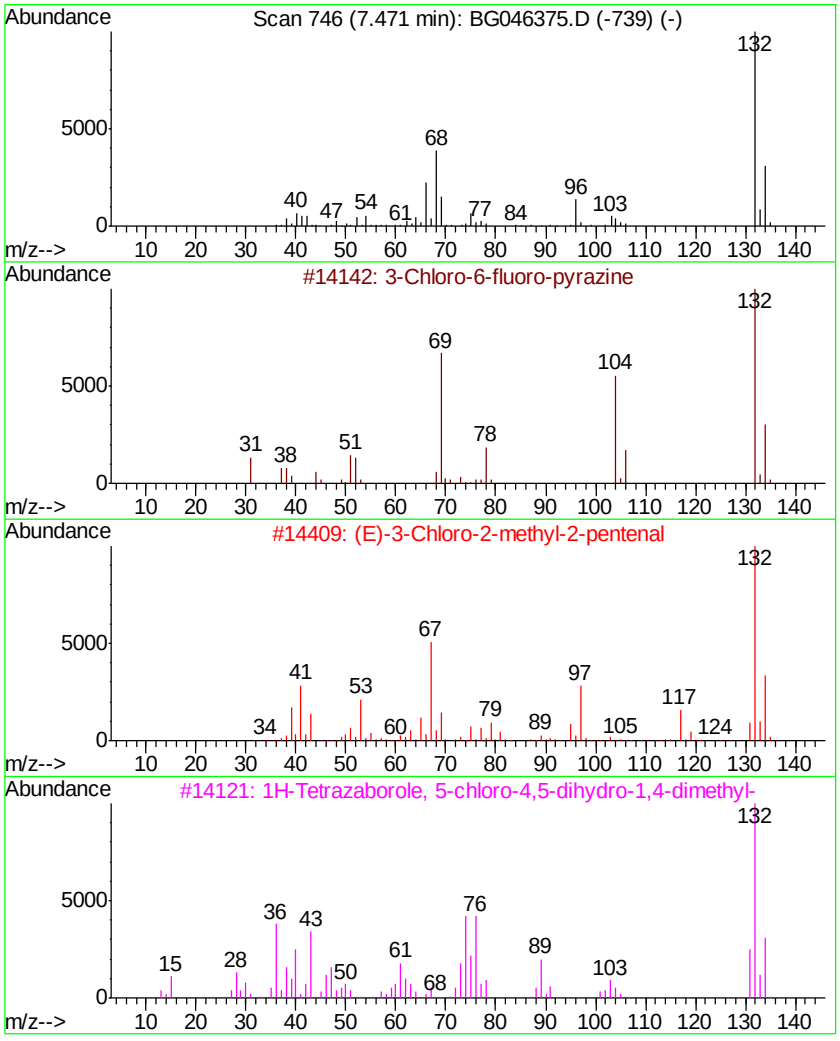
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

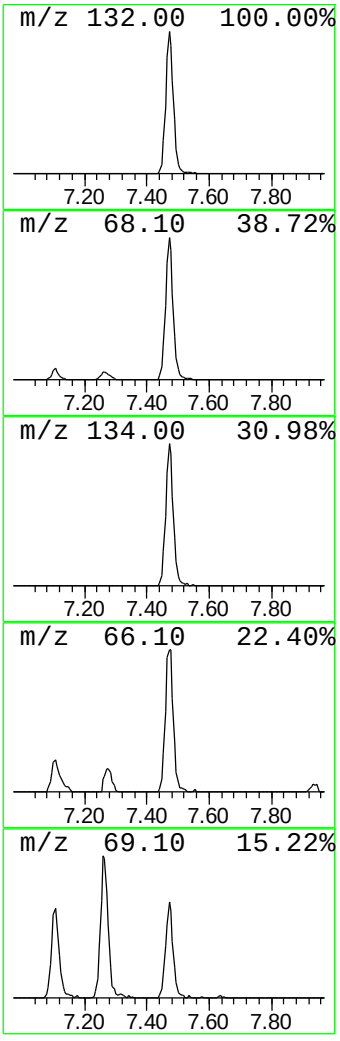
****

Peak Number 4 unknown-02 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	14.52 ng/ul	323164	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	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
3	1H-Tetrazaborole, 5-chloro-4,5-d...	132	C2H6BClN4	021960-49-6	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046375.D
Acq On : 20 Aug 2020 12:34
Operator : CG/JU
Sample : L3634-17
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMG5

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

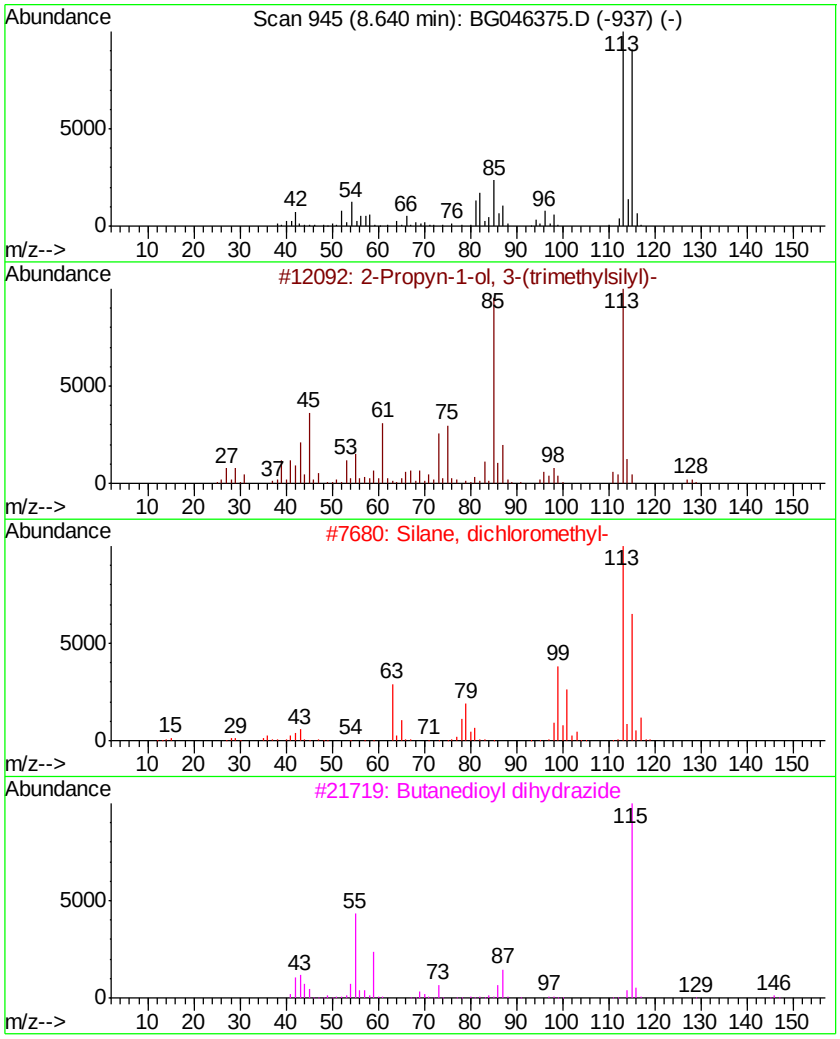
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

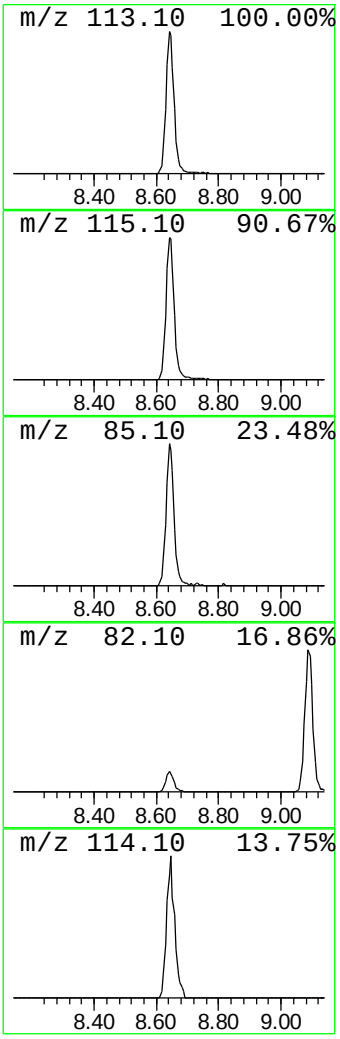
****

Peak Number 5 unknown-03 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.64	17.21 ng/ul	382989	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propyn-1-ol, 3-(trimethylsilyl)-	128	C6H12OSi	005272-36-6	43
2	Silane, dichloromethyl-	114	CH4Cl2Si	000075-54-7	38
3	Butanedioyl dihydrazide	146	C4H10N4O2	004146-43-4	35
4	Heptanoic acid, anhydride	242	C14H26O3	000626-27-7	32
5	2H-Pyrrol-2-one, 1,5-dihydro-4-m...	113	C5H7NO2	069778-83-2	32





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046375.D
Acq On : 20 Aug 2020 12:34
Operator : CG/JU
Sample : L3634-17
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMG5

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

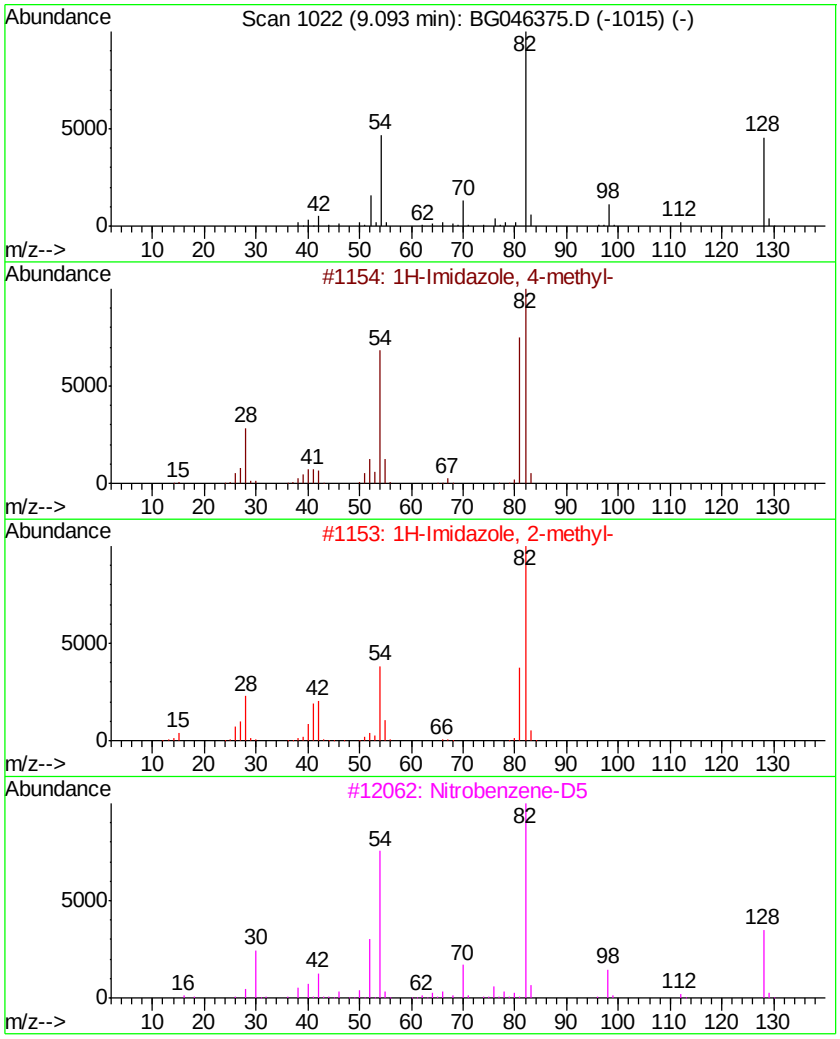
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

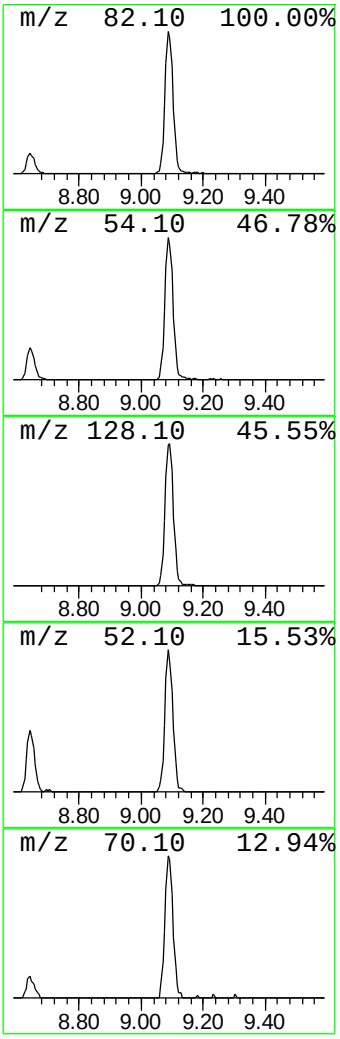
****

Peak Number 6 1H-Imidazole, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	13.76 ng/ul	306350	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Imidazole, 4-methyl-	82	C4H6N2	000822-36-6	50
2	1H-Imidazole, 2-methyl-	82	C4H6N2	000693-98-1	38
3	Nitrobenzene-D5	128	C6D5NO2	004165-60-0	38
4	1H-Imidazole, 4-methyl-	82	C4H6N2	000822-36-6	38
5	1H-Imidazole, 2-methyl-	82	C4H6N2	000693-98-1	33





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046375.D
Acq On : 20 Aug 2020 12:34
Operator : CG/JU
Sample : L3634-17
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMG5

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

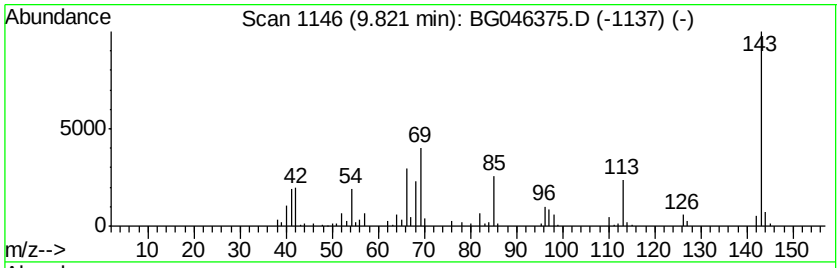
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

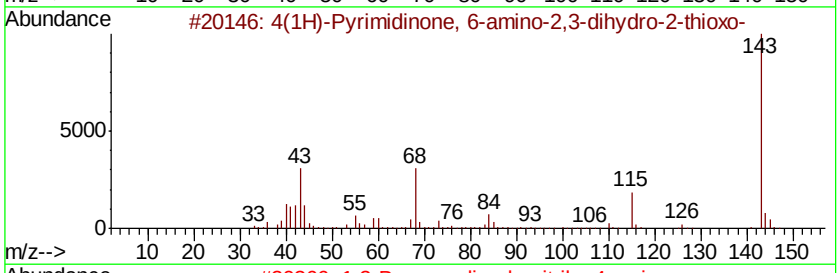
****

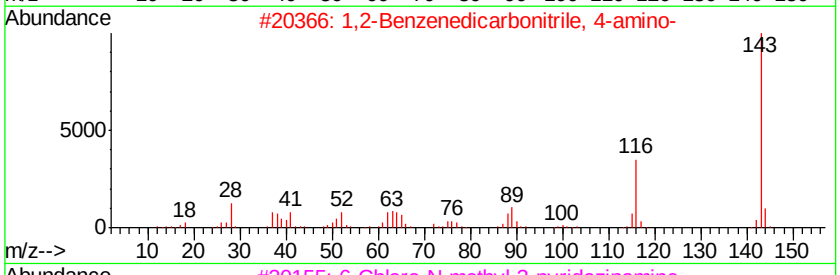
Peak Number 7 unknown-04 Concentration Rank 10

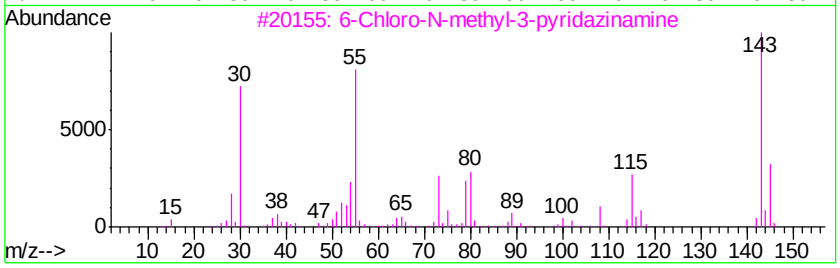
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	7.55 ng/ul	256818	Naphthalene-d8	10.73

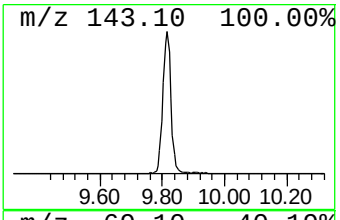
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4(1H)-Pyrimidinone, 6-amino-2,3-...	143	C4H5N3OS	001004-40-6	16
2	1,2-Benzenedicarbonitrile, 4-amino-	143	C8H5N3	056765-79-8	14
3	6-Chloro-N-methyl-3-pyridazinamine	143	C5H6ClN3	014959-32-1	12
4	3H-1,2,4-Triazole-3-thione,2,4-d...	143	C5H9N3S	037526-42-4	12
5	6-Aza-2-thiothymine	143	C4H5N3OS	000615-76-9	12

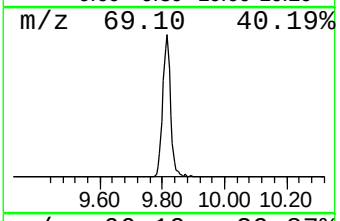


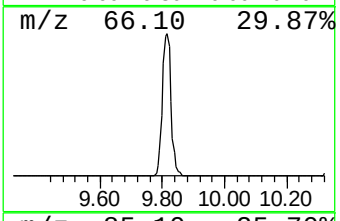


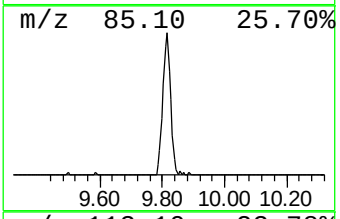


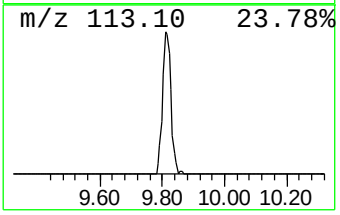












Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046375.D
Acq On : 20 Aug 2020 12:34
Operator : CG/JU
Sample : L3634-17
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMG5

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

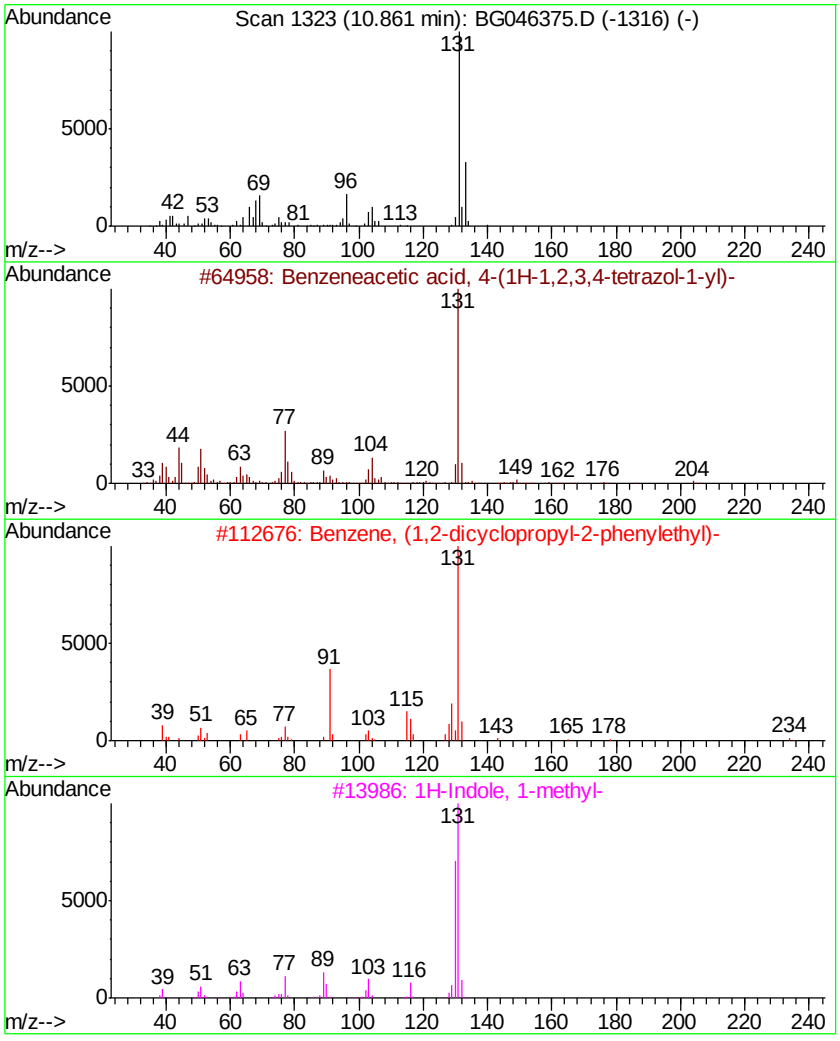
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

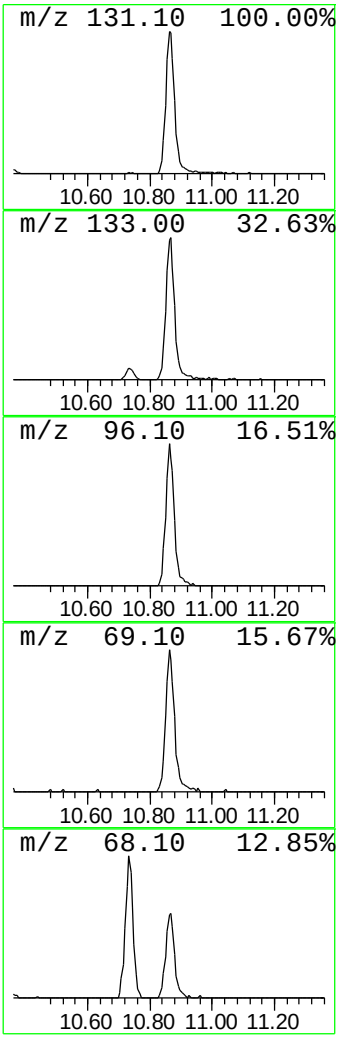
****

Peak Number 8 unknown-05 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.86	10.07 ng/ul	342408	Naphthalene-d8	10.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetic acid, 4-(1H-1,2,3,...	204	C9H8N4O2	1000351-56-5	33
2	Benzene, (1,2-dicyclopropyl-2-ph...	262	C20H22	110330-90-0	33
3	1H-Indole, 1-methyl-	131	C9H9N	000603-76-9	28
4	Cyclopropane, 2-bromo-1-methyl-1...	210	C10H11Br	055091-64-0	28
5	Benzene, (2-propynyloxy)-	132	C9H8O	013610-02-1	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046375.D
Acq On : 20 Aug 2020 12:34
Operator : CG/JU
Sample : L3634-17
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMG5

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

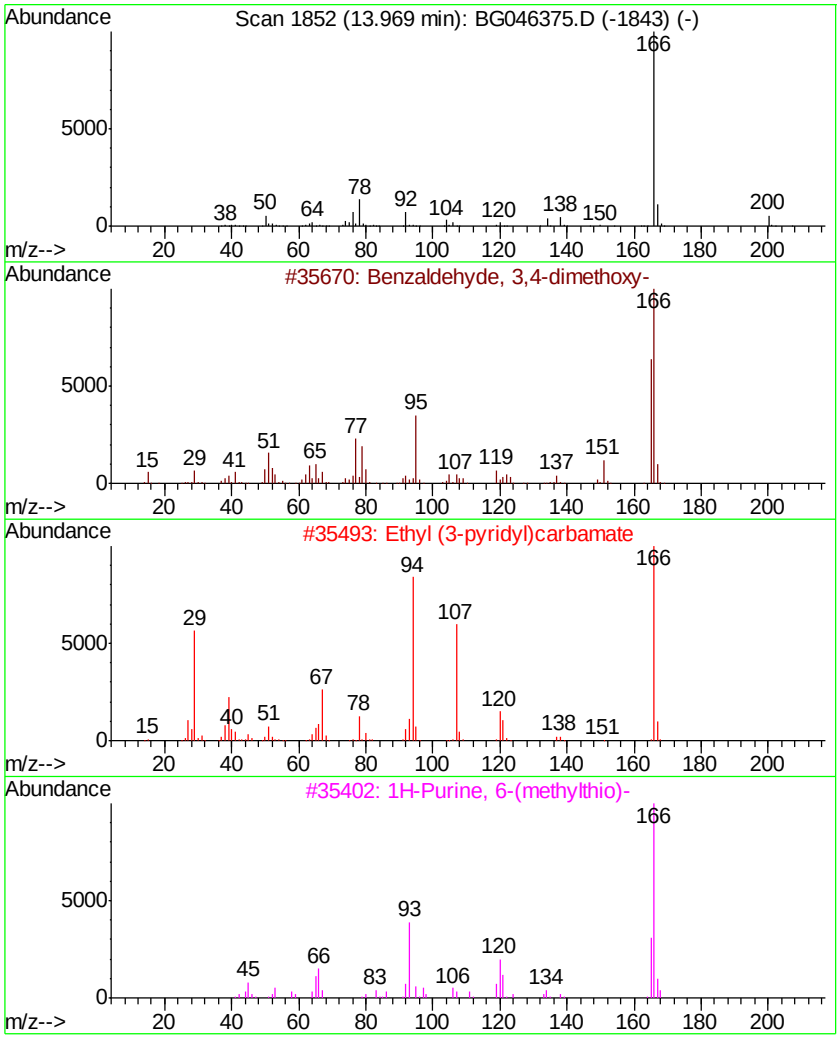
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

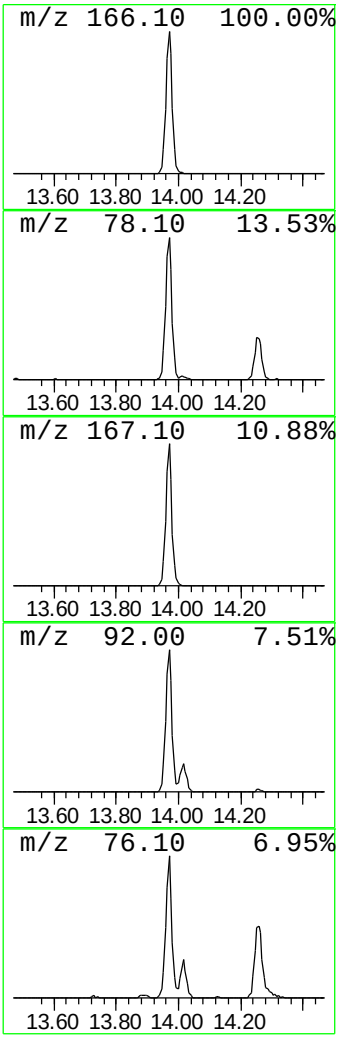
****

Peak Number 9 unknown-06 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	13.28 ng/ul	657766	Acenaphthene-d10	14.56

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	Benzenamine, N,N-dimethyl-4-nitro-	166	C8H10N2O2	000100-23-2	38
5	1H-Benzimidazole-2-ethanamine, 5...	195	C9H10ClN3	135875-16-0	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046375.D
Acq On : 20 Aug 2020 12:34
Operator : CG/JU
Sample : L3634-17
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMG5

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

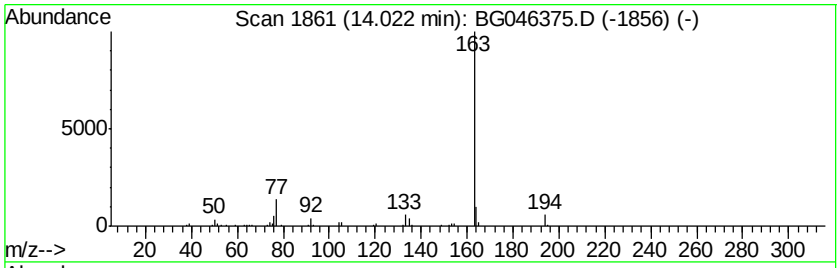
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

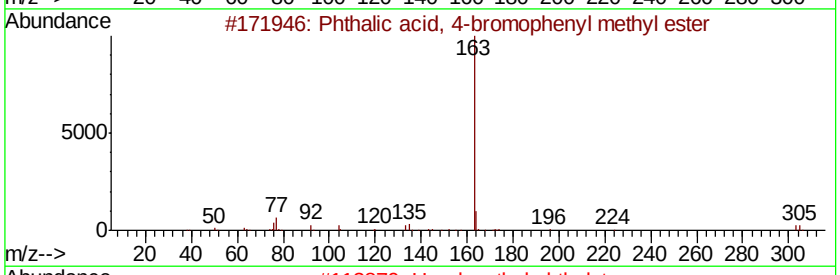
****

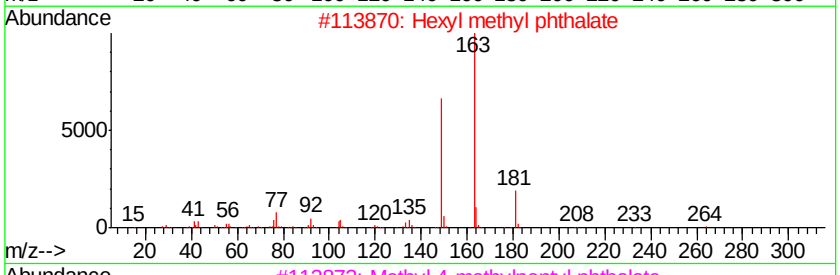
Peak Number 10 Phthalic acid, 4-bromopheny... Concentration Rank 23

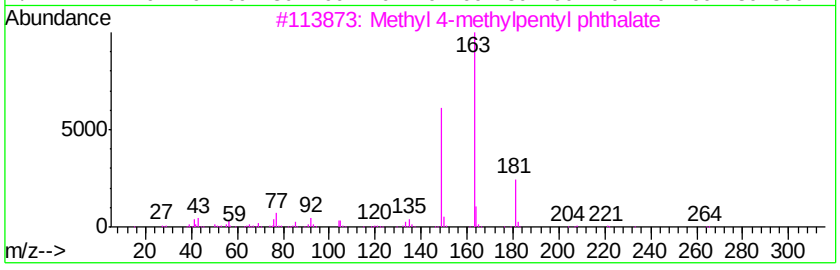
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	2.84 ng/ul	140675	Acenaphthene-d10	14.56

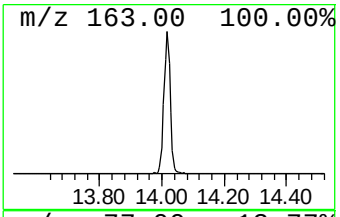
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, 4-bromophenyl met...	334	C15H11BrO4	1000315-66-6	78
2	Hexyl methyl phthalate	264	C15H20O4	1000373-89-7	72
3	Methyl 4-methylpentyl phthalate	264	C15H20O4	1000373-82-6	72
4	Heptyl methyl phthalate	278	C16H22O4	1000373-88-4	72
5	Phthalic acid, 4-isopropylphenyl...	298	C18H18O4	1000315-65-7	72

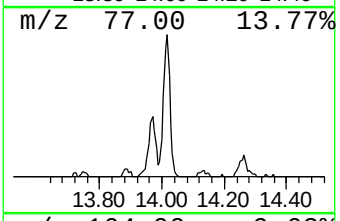


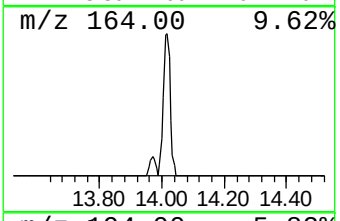


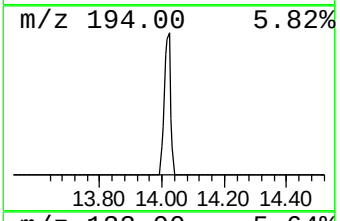


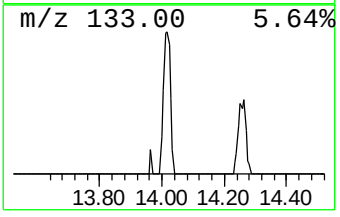












Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046375.D
Acq On : 20 Aug 2020 12:34
Operator : CG/JU
Sample : L3634-17
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMG5

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

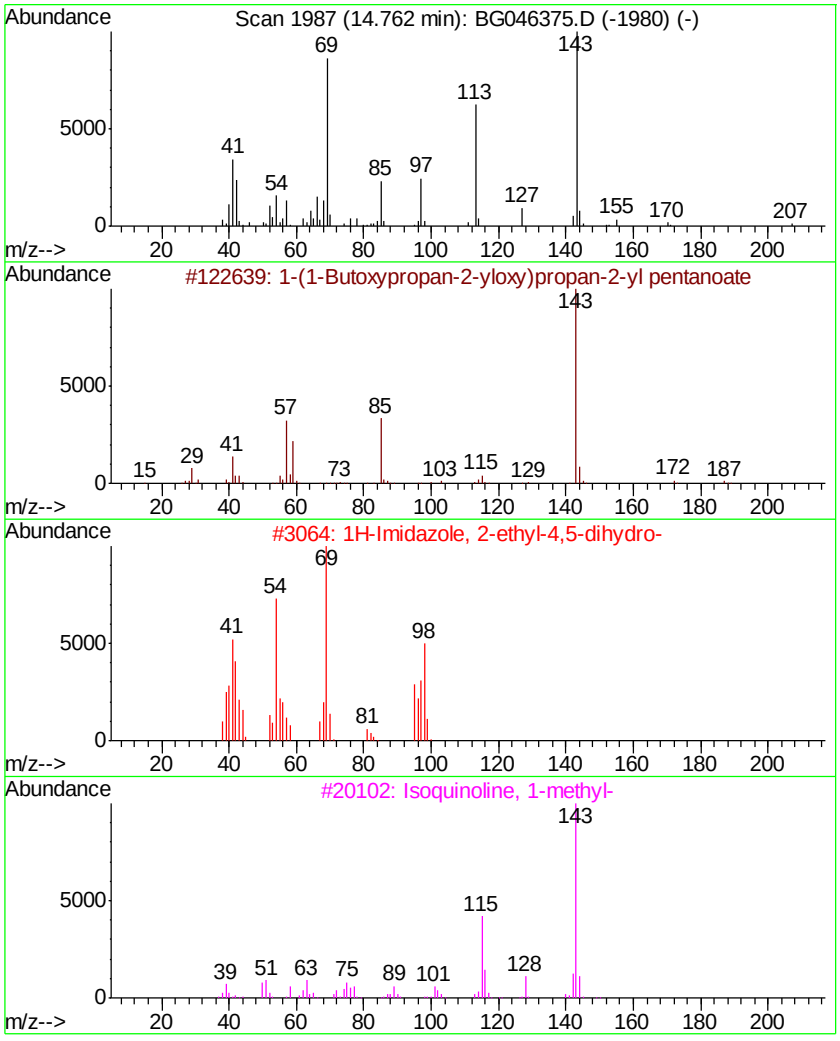
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

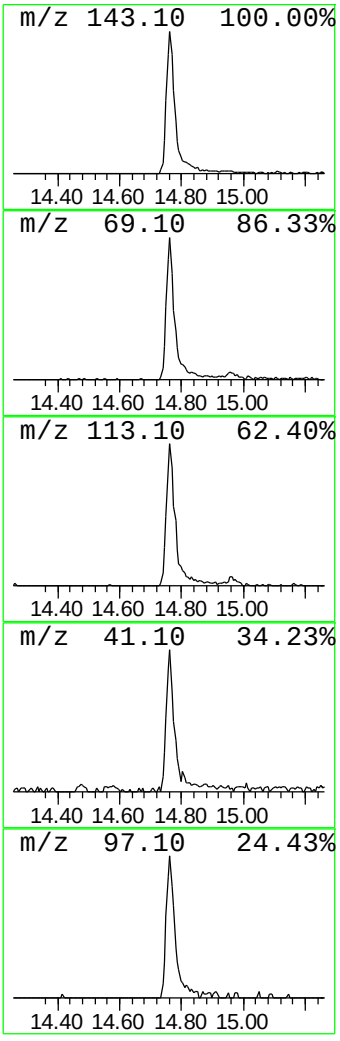
****

Peak Number 11 unknown-07 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	4.66 ng/ul	230699	Acenaphthene-d10	14.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(1-Butoxypropan-2-yloxy)propan...	274	C15H30O4	1000367-13-0	22
2	1H-Imidazole, 2-ethyl-4,5-dihydro-	98	C5H10N2	000930-52-9	16
3	Isoquinoline, 1-methyl-	143	C10H9N	001721-93-3	14
4	6-Chloro-N-methyl-3-pyridazinamine	143	C5H6ClN3	014959-32-1	14
5	Cyclopentanecarboxylic acid, phe...	190	C12H14O2	054758-32-6	12





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046375.D
Acq On : 20 Aug 2020 12:34
Operator : CG/JU
Sample : L3634-17
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMG5

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

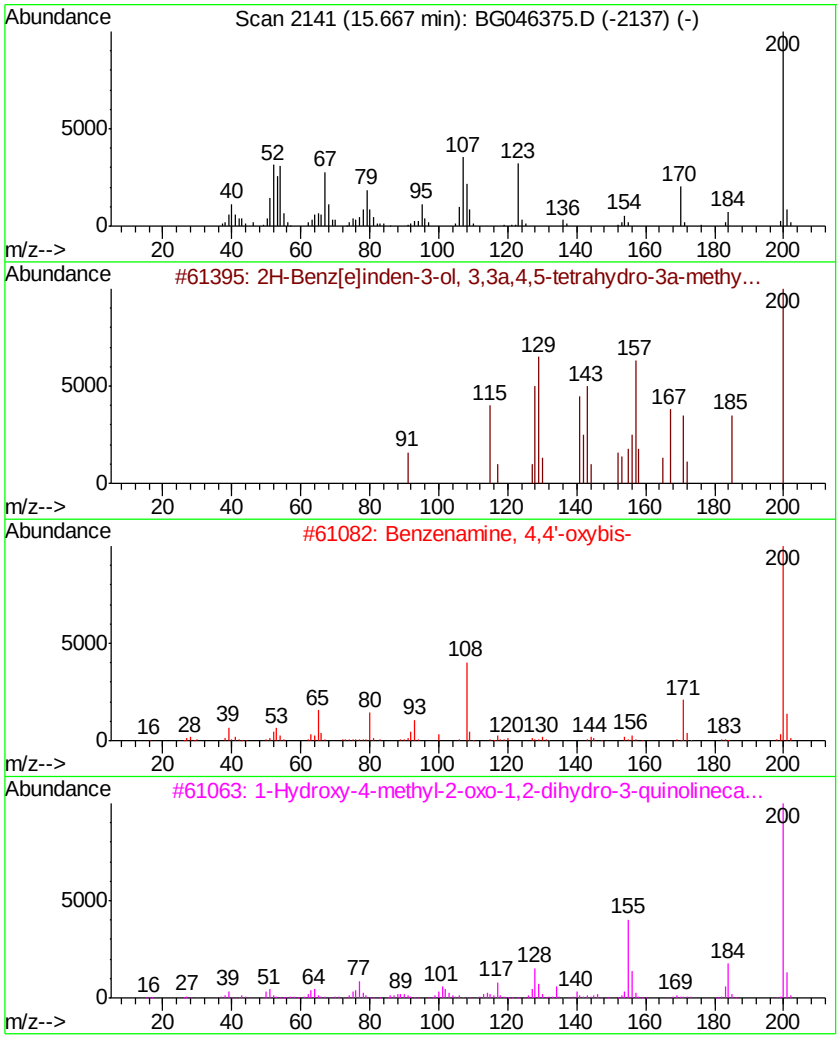
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

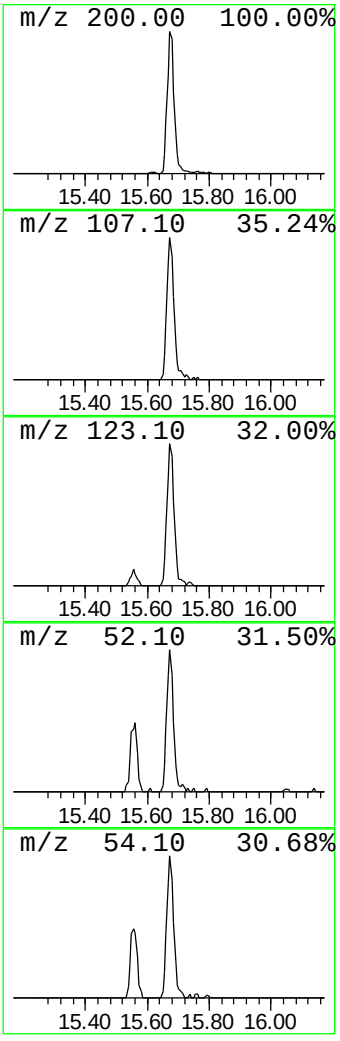
****

Peak Number 12 unknown-08 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	4.93 ng/ul	244341	Acenaphthene-d10	14.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Benz[e]inden-3-ol, 3,3a,4,5-t...	200	C14H16O	071805-91-9	38
2	Benzenamine, 4,4'-oxybis-	200	C12H12N2O	000101-80-4	14
3	1-Hydroxy-4-methyl-2-oxo-1,2-dih...	200	C11H8N2O2	021771-74-4	9
4	2,2'-Bipyridyl-5-carboxylic acid	200	C11H8N2O2	001970-80-5	9
5	2,3-Dihydro-6-isopropyl-1,2,4-tr...	200	C6H8N4S2	014778-89-3	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046375.D
Acq On : 20 Aug 2020 12:34
Operator : CG/JU
Sample : L3634-17
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMG5

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

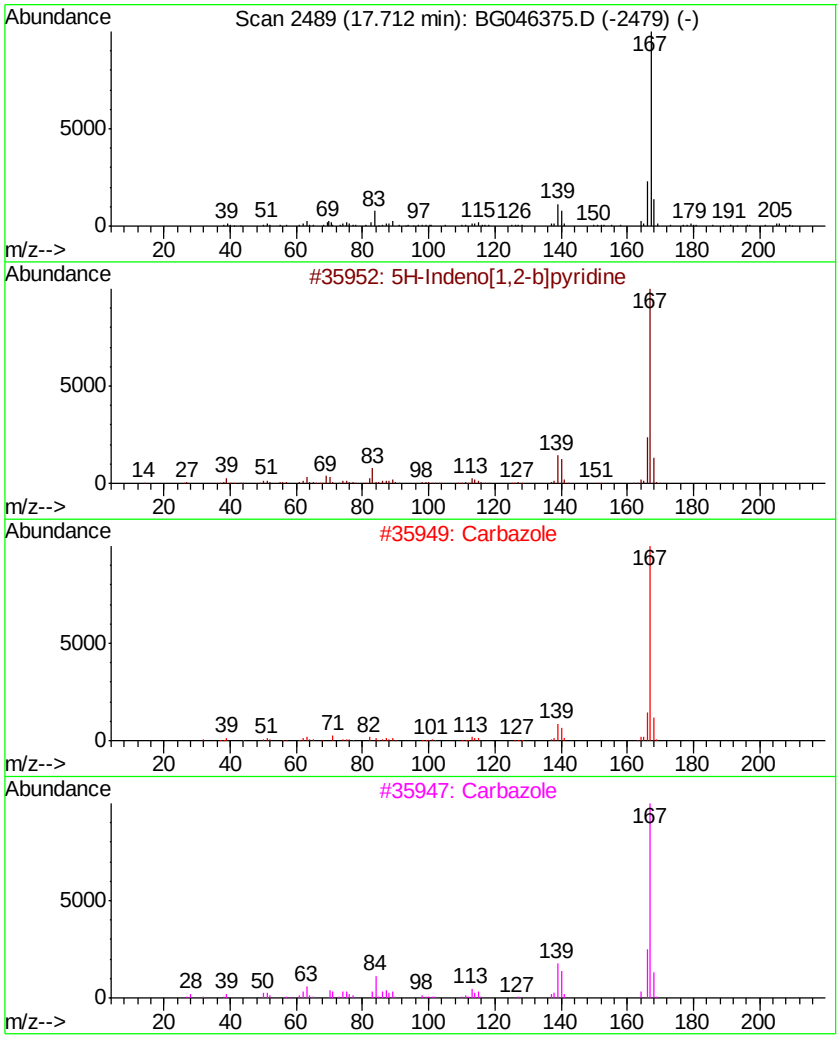
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

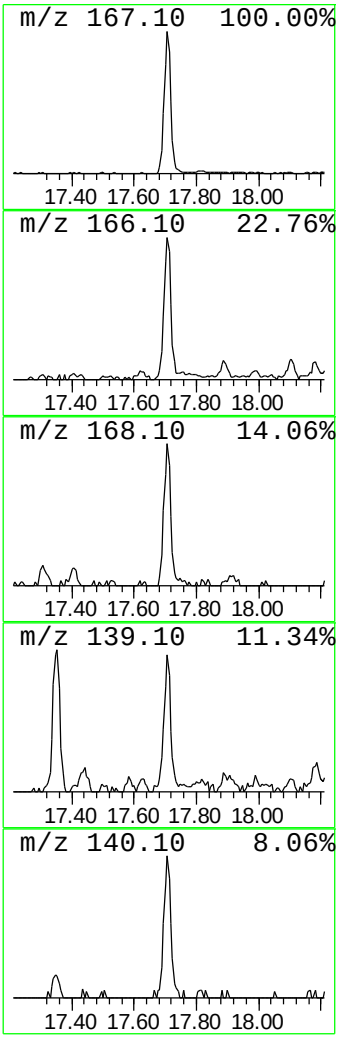
****

Peak Number 13 5H-Indeno[1,2-b]pyridine Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.71	2.92 ng/ul	187332	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	90
2	Carbazole	167	C12H9N	000086-74-8	90
3	Carbazole	167	C12H9N	000086-74-8	87
4	9H-Carbazole-9-methanol	197	C13H11NO	002409-36-1	87
5	D-Galactitol, 2-(acetylmethylami...	363	C16H29NO8	074410-42-7	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046375.D
Acq On : 20 Aug 2020 12:34
Operator : CG/JU
Sample : L3634-17
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMG5

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

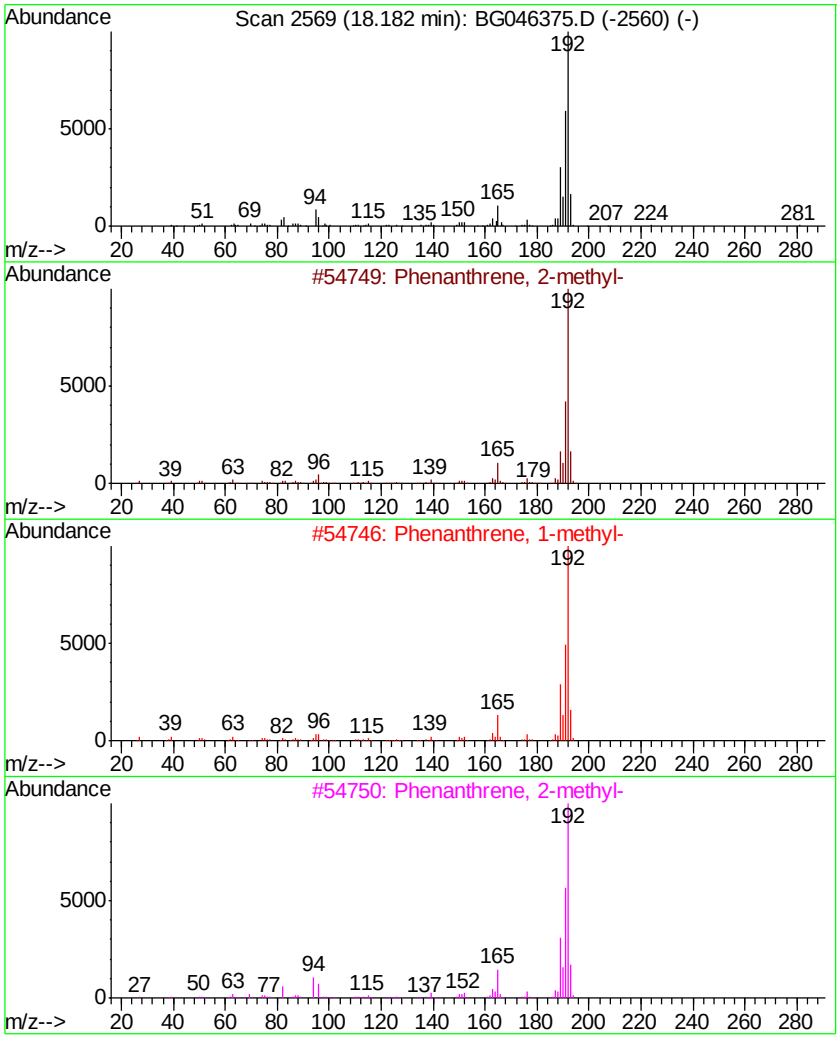
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

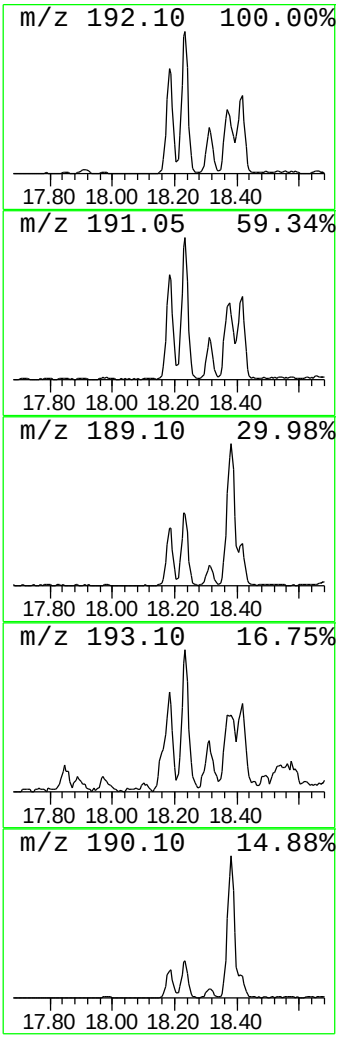
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.18	4.35 ng/ul	278749	Phenanthrene-d10	17.31

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





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046375.D
Acq On : 20 Aug 2020 12:34
Operator : CG/JU
Sample : L3634-17
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMG5

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

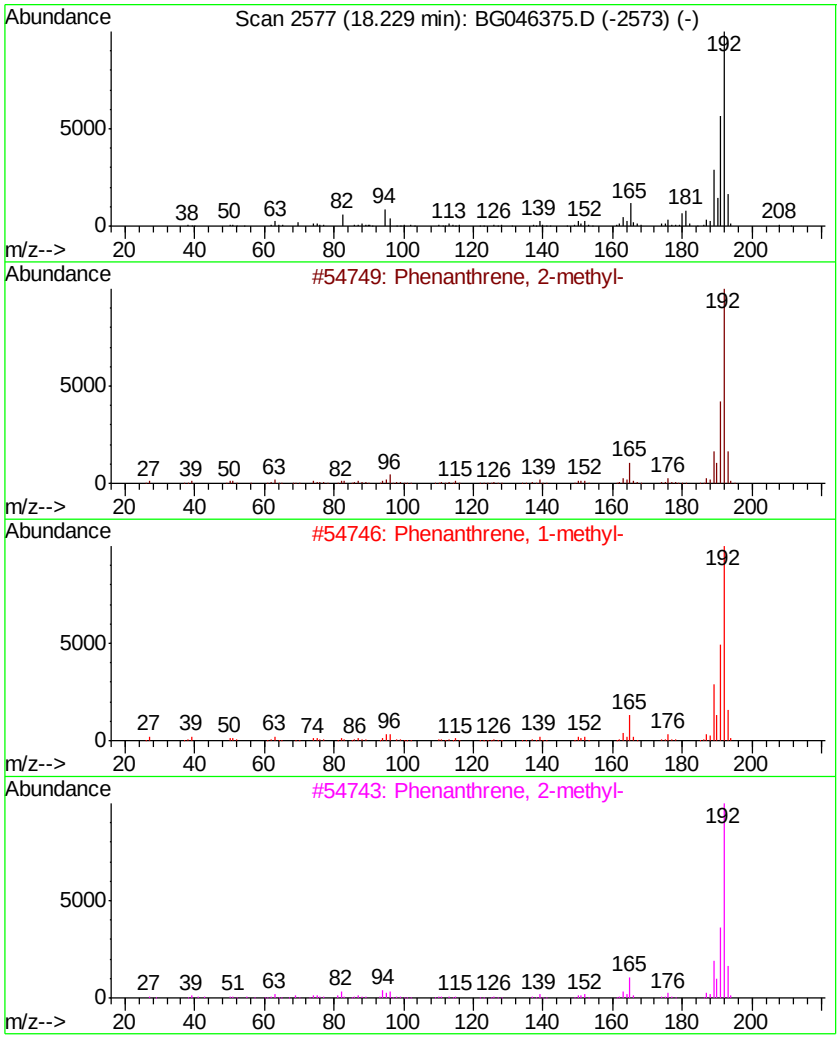
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

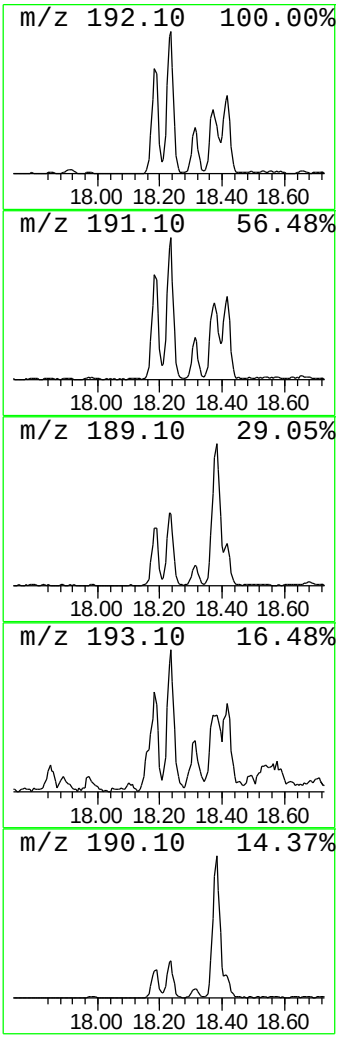
****

Peak Number 15 Phenanthrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.23	5.54 ng/ul	355170	Phenanthrene-d10	17.31

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





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046375.D
Acq On : 20 Aug 2020 12:34
Operator : CG/JU
Sample : L3634-17
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMG5

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

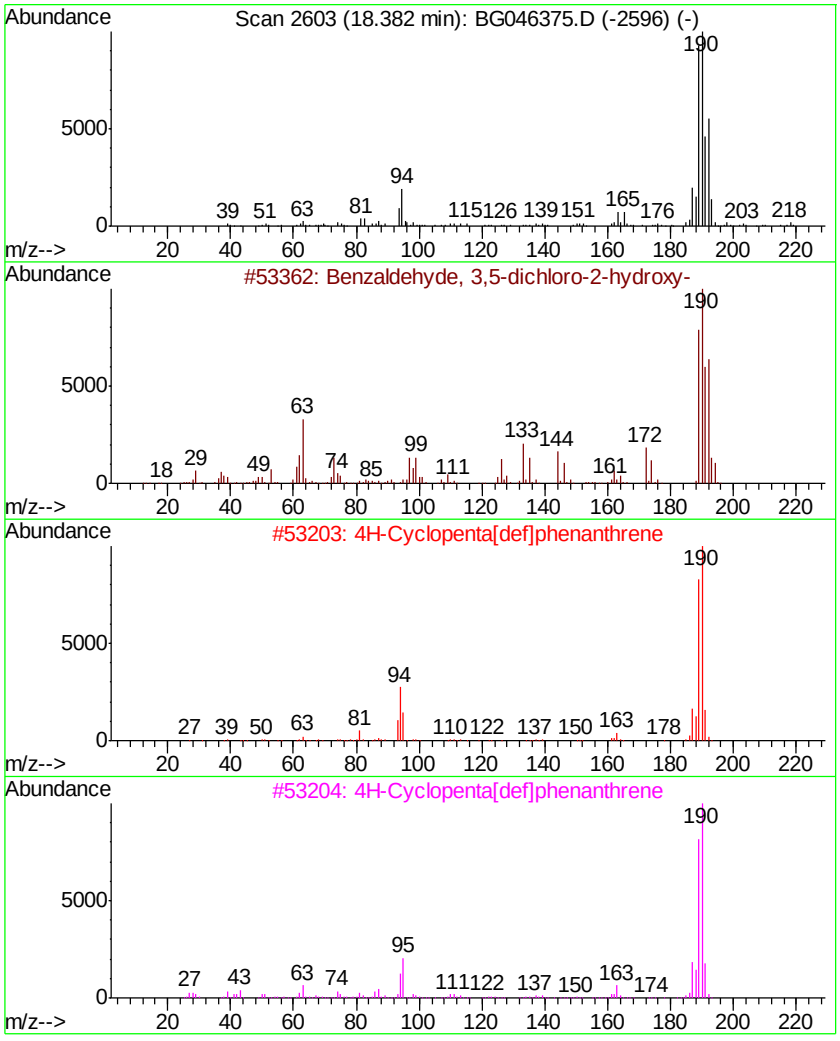
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

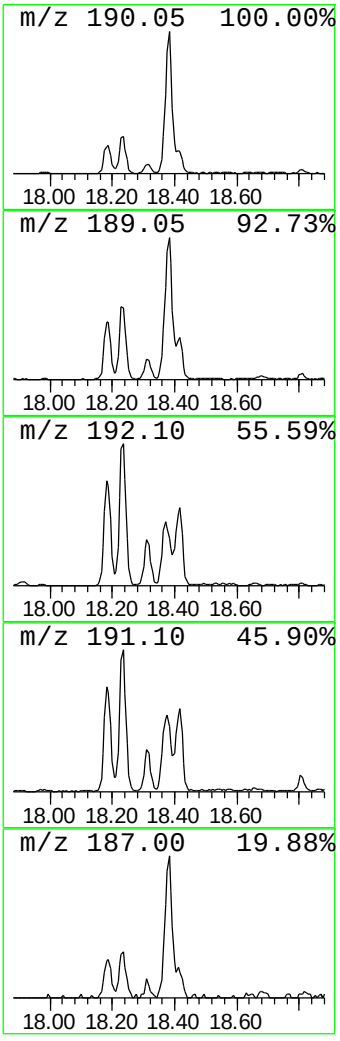
****

Peak Number 16 Benzaldehyde, 3,5-dichloro-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	5.61 ng/ul	359806	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	41
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046375.D
Acq On : 20 Aug 2020 12:34
Operator : CG/JU
Sample : L3634-17
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMG5

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

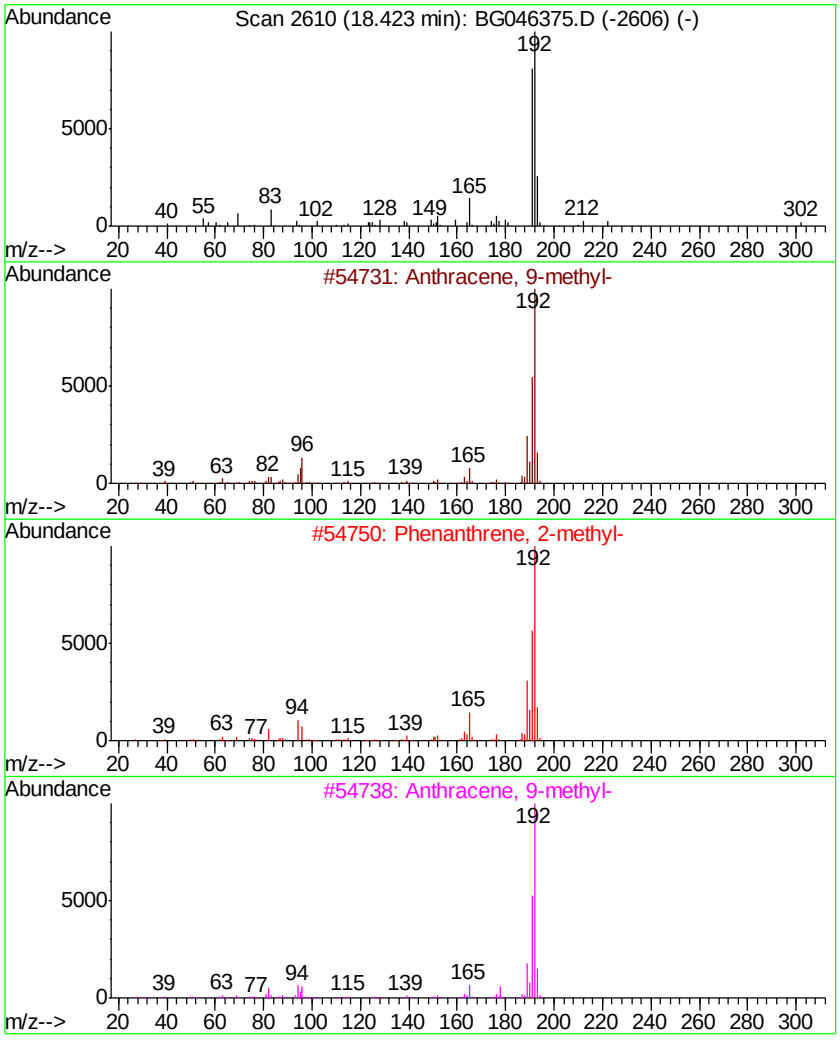
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

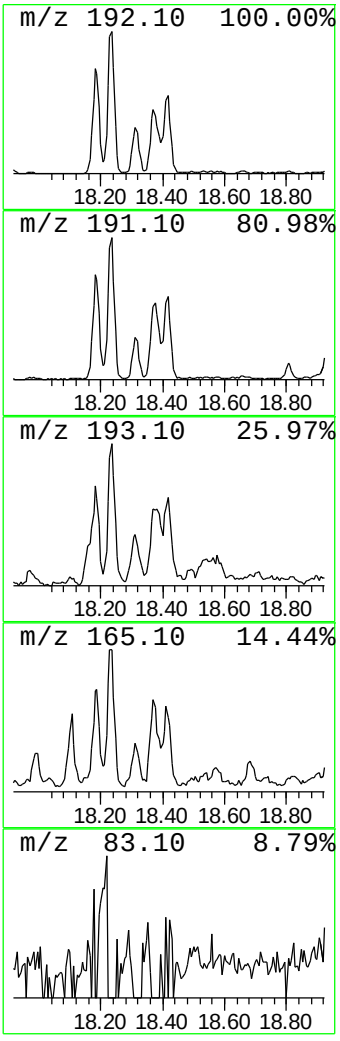
****

Peak Number 17 Anthracene, 9-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	2.41 ng/ul	154802	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	86
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046375.D
Acq On : 20 Aug 2020 12:34
Operator : CG/JU
Sample : L3634-17
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMG5

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

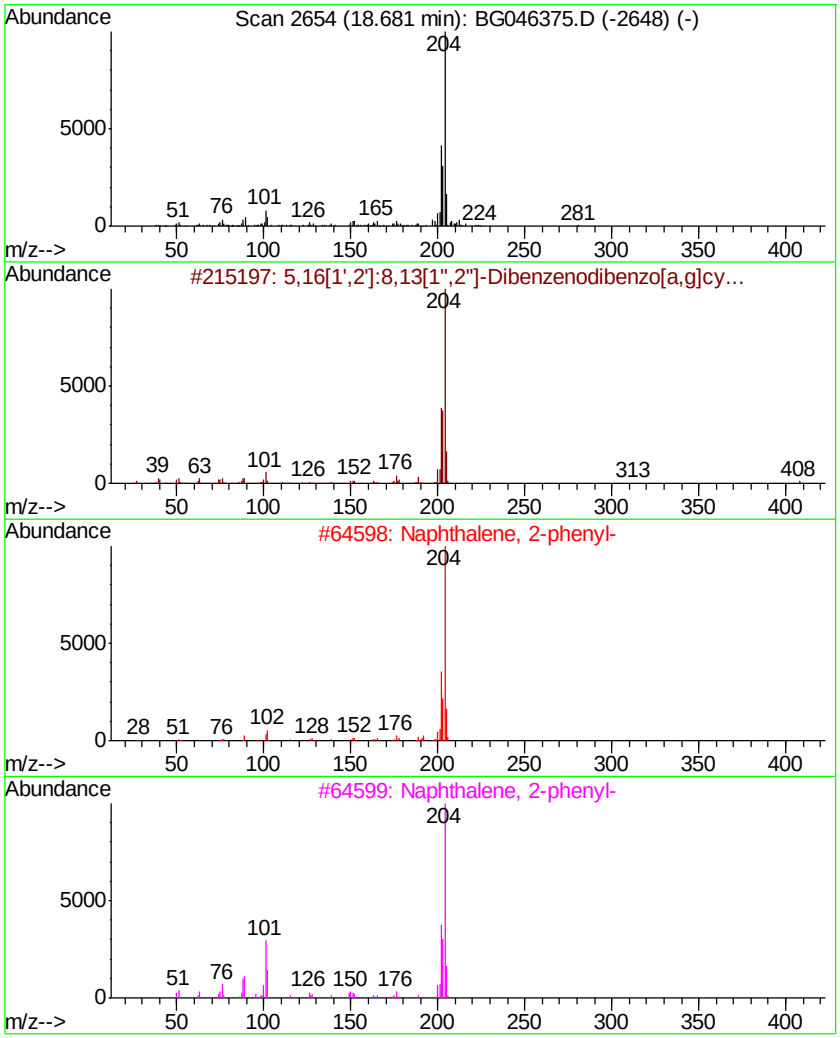
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

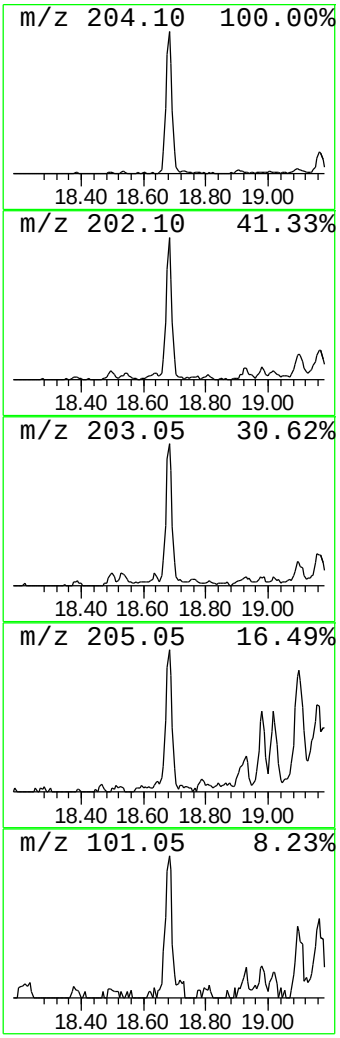
****

Peak Number 18 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.68	2.86 ng/ul	183164	Phenanthrene-d10	17.31

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





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046375.D
Acq On : 20 Aug 2020 12:34
Operator : CG/JU
Sample : L3634-17
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMG5

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

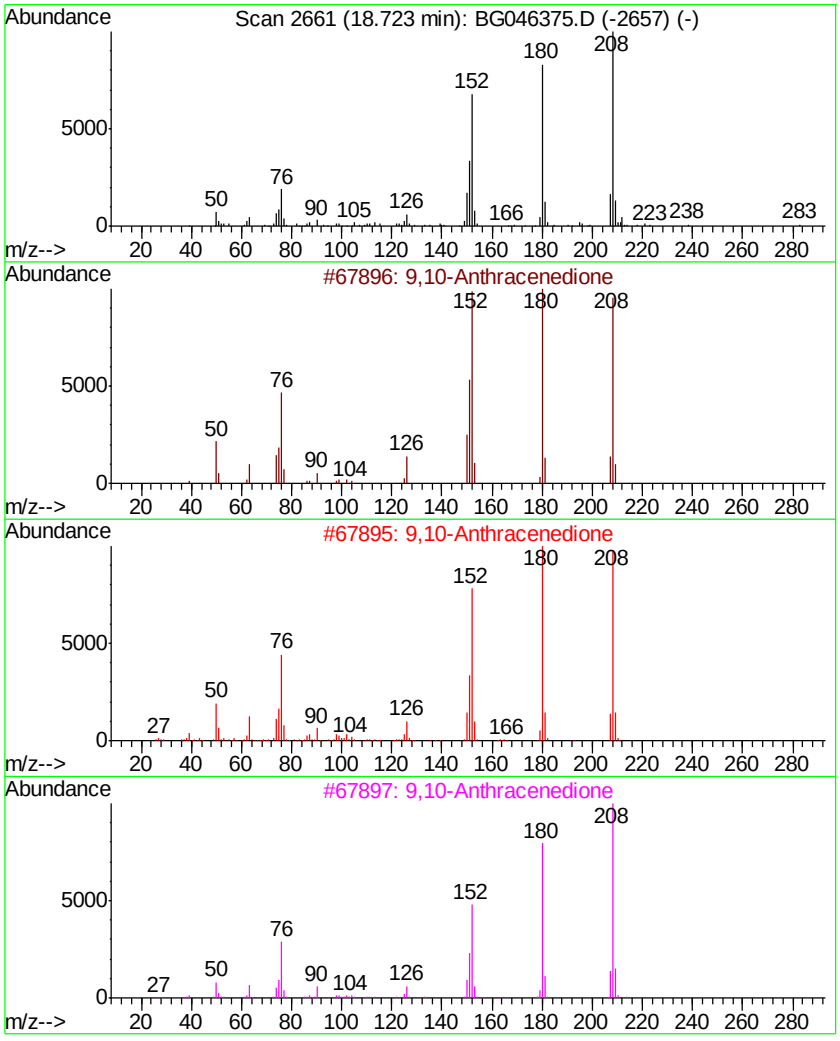
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

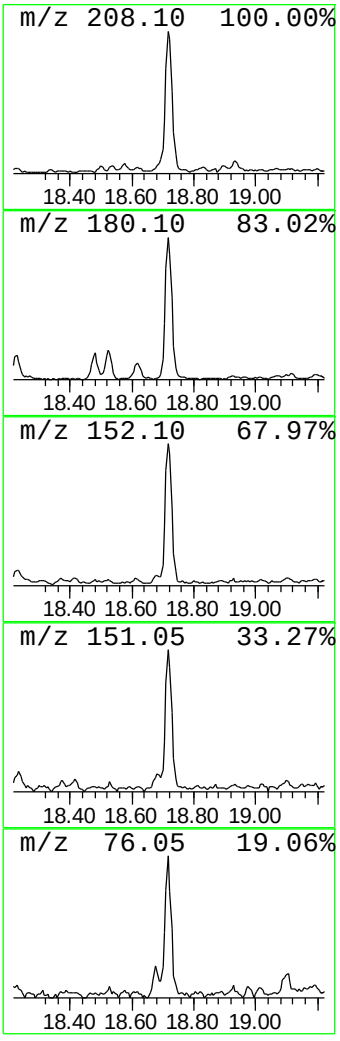
****

Peak Number 19 9,10-Anthracenedione Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.72	3.10 ng/ul	198610	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	91
4	1,4-Anthracenedione	208	C14H8O2	000635-12-1	60
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046375.D
Acq On : 20 Aug 2020 12:34
Operator : CG/JU
Sample : L3634-17
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMG5

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

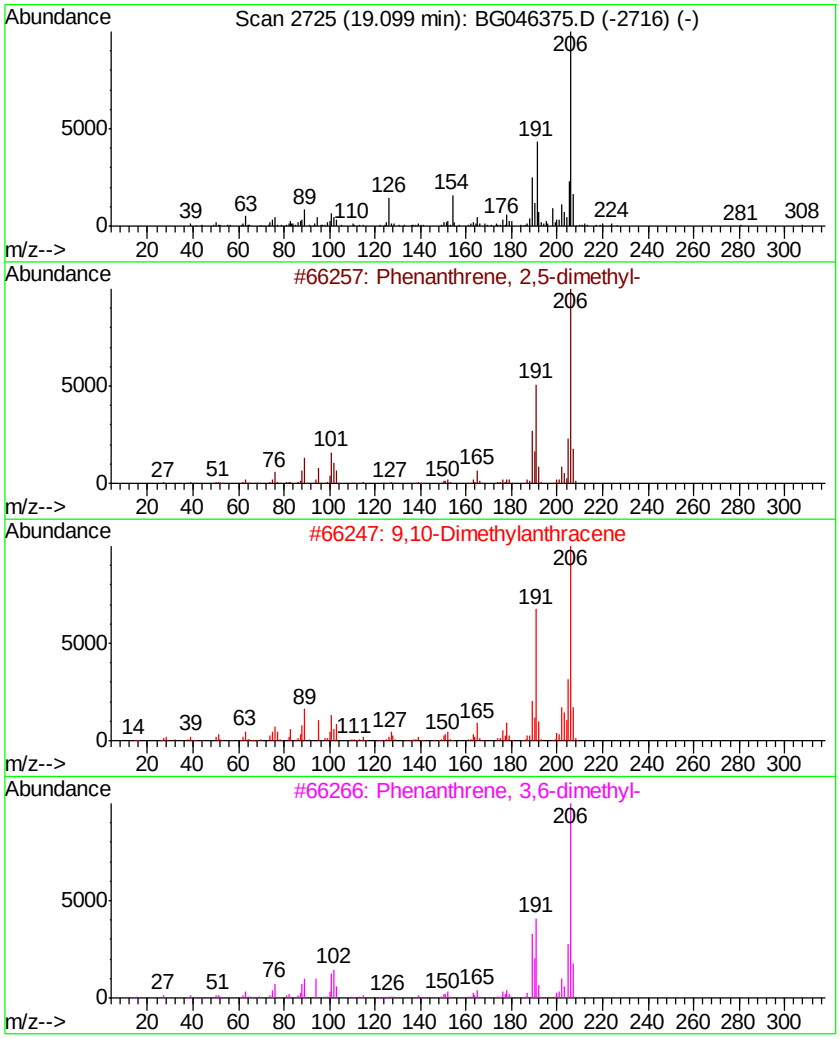
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

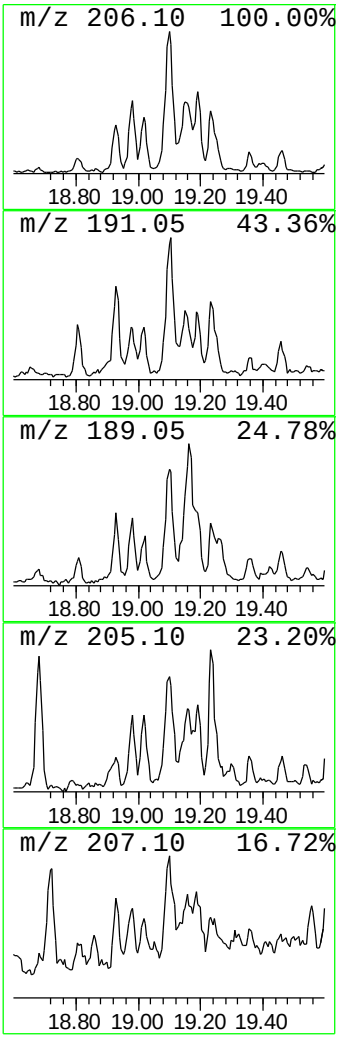
****

Peak Number 20 Phenanthrene, 2,5-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.10	3.32 ng/ul	212707	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046375.D
Acq On : 20 Aug 2020 12:34
Operator : CG/JU
Sample : L3634-17
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMG5

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

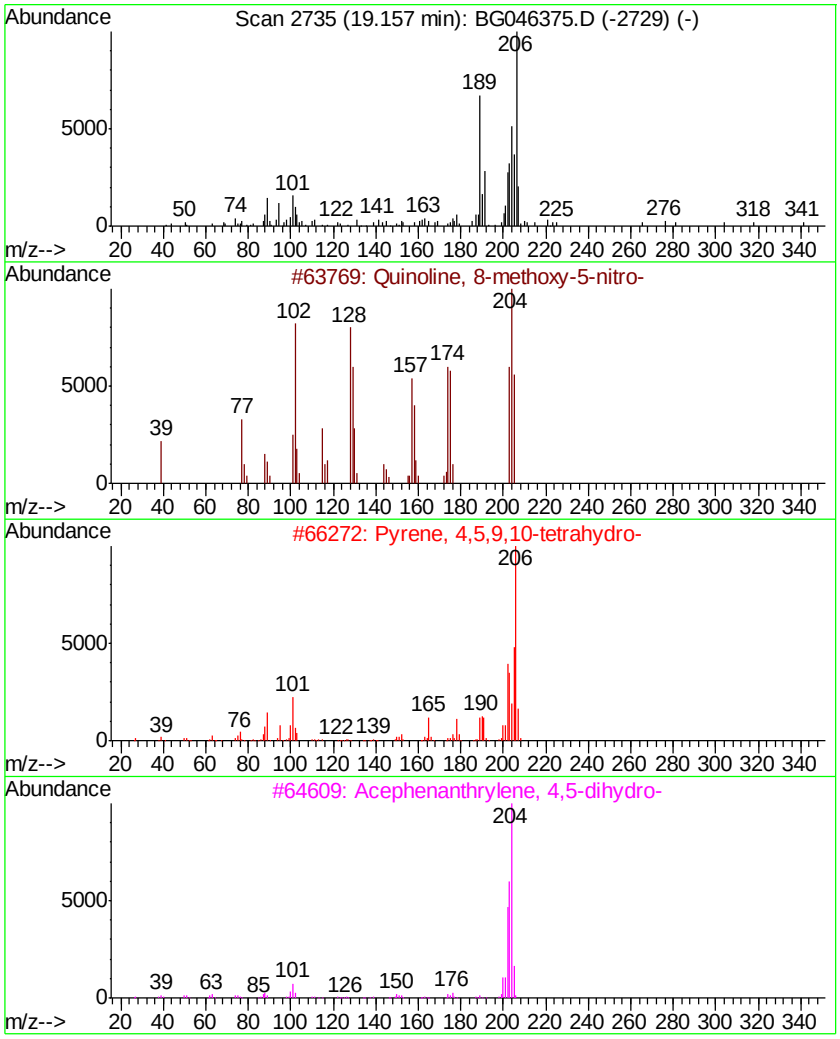
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

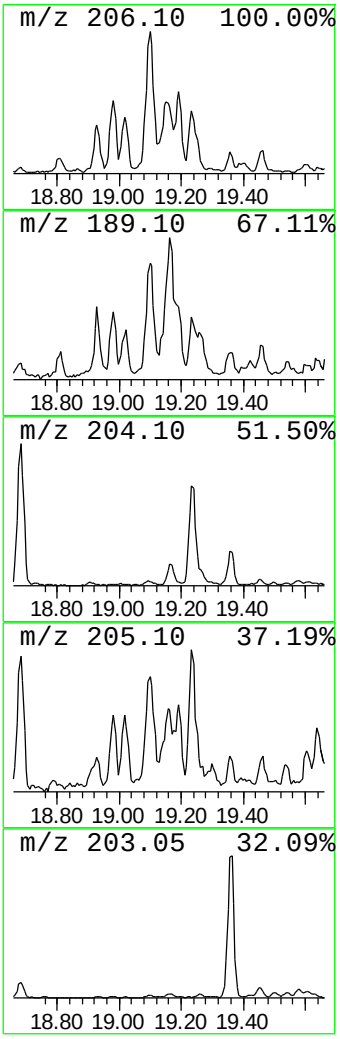
****

Peak Number 21 unknown-09 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.16	2.19 ng/ul	140206	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoline, 8-methoxy-5-nitro-	204	C10H8N2O3	1000298-88-7	38
2	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	30
3	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	25
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	25
5	Benzene, 1,1'-(1,3-butadienylide...	206	C16H14	004165-81-5	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046375.D
Acq On : 20 Aug 2020 12:34
Operator : CG/JU
Sample : L3634-17
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMG5

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

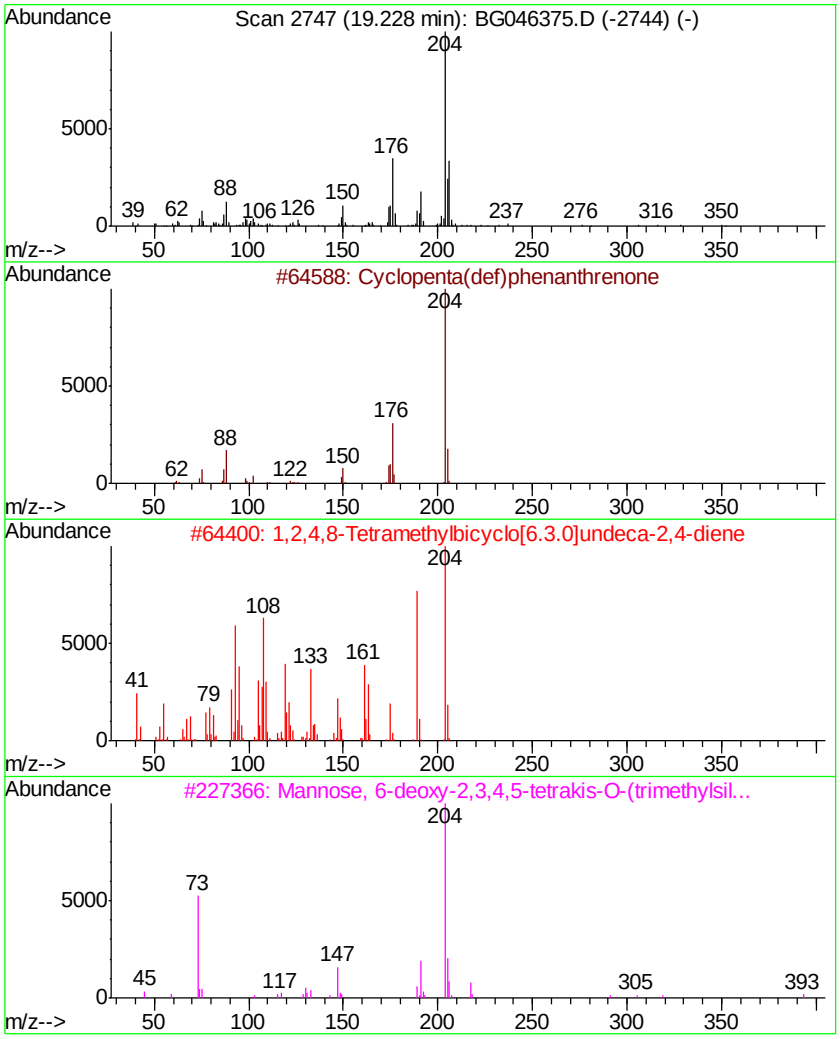
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

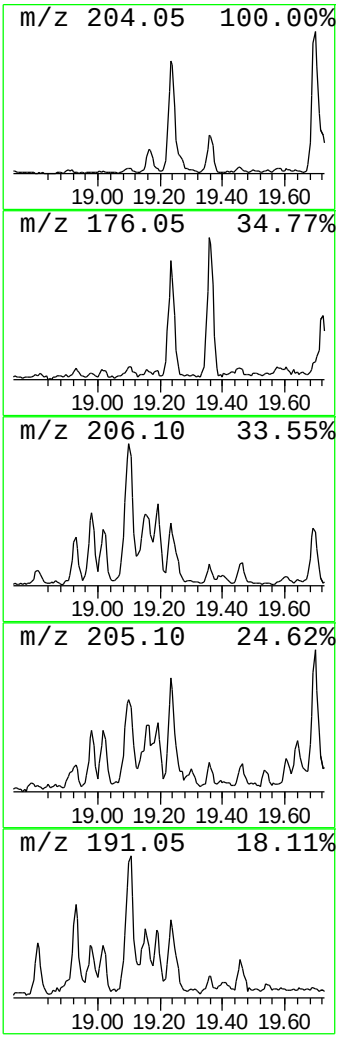
****

Peak Number 22 Cyclopenta(def)phenanthrenone Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.23	2.94 ng/ul	188566	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	86
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	49
3	Mannose, 6-deoxy-2,3,4,5-tetraki...	452	C18H44O5Si4	019127-15-2	47
4	L-(+)-Rhamnopyranose, tetrakis(t...	452	C18H44O5Si4	1000380-12-9	47
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	47





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046375.D
Acq On : 20 Aug 2020 12:34
Operator : CG/JU
Sample : L3634-17
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMG5

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

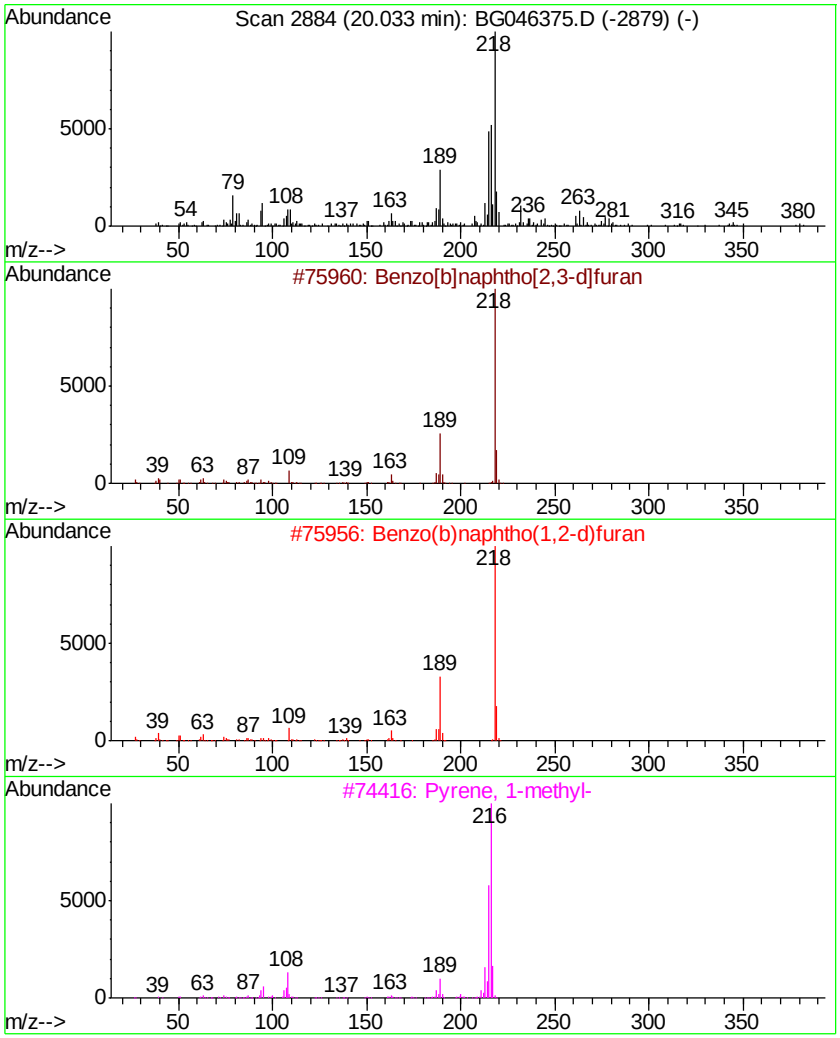
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

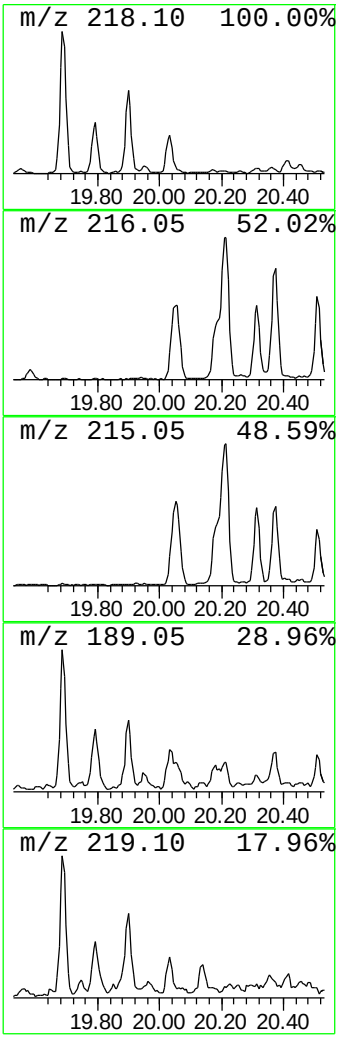
****

Peak Number 23 Benzo[b]naphtho[2,3-d]furan Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.03	2.97 ng/ul	379001	Chrysene-d12	21.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	83
2	Benzo(b)naphtho(1,2-d)furan	218	C16H10O	000205-39-0	83
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	50
4	Indeno[2,1-b]chromene,	218	C16H10O	000243-24-3	50
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	46





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046375.D
Acq On : 20 Aug 2020 12:34
Operator : CG/JU
Sample : L3634-17
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMG5

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

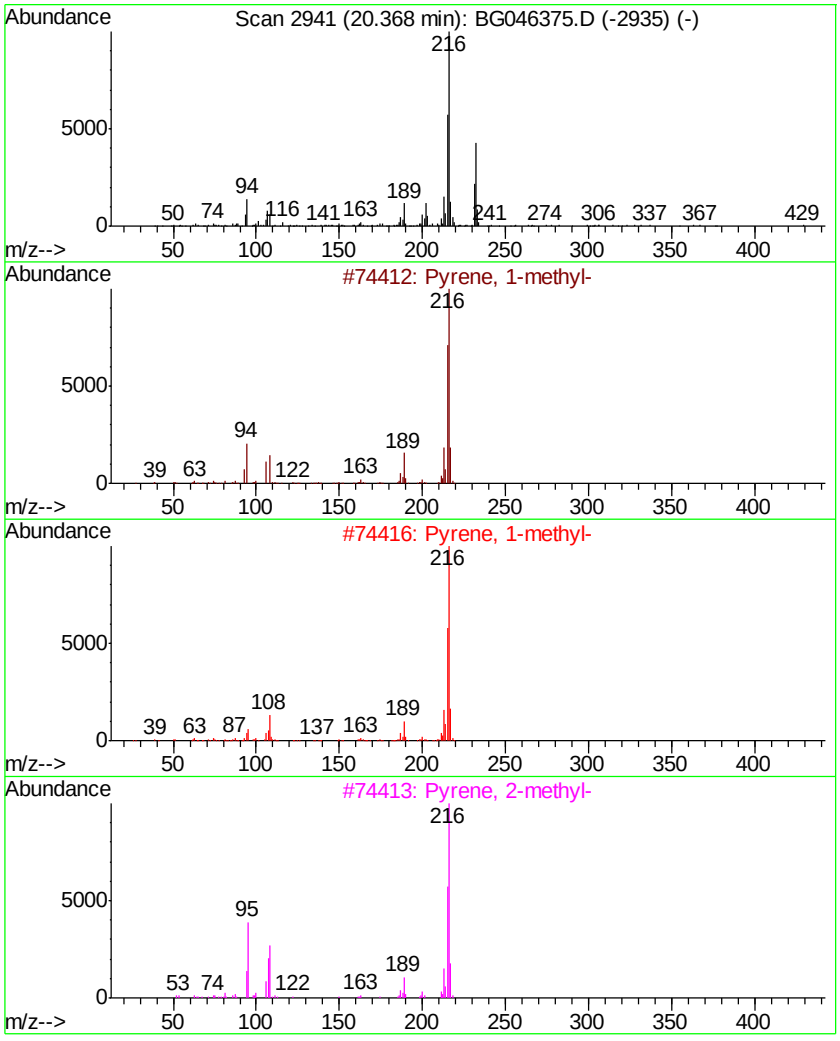
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

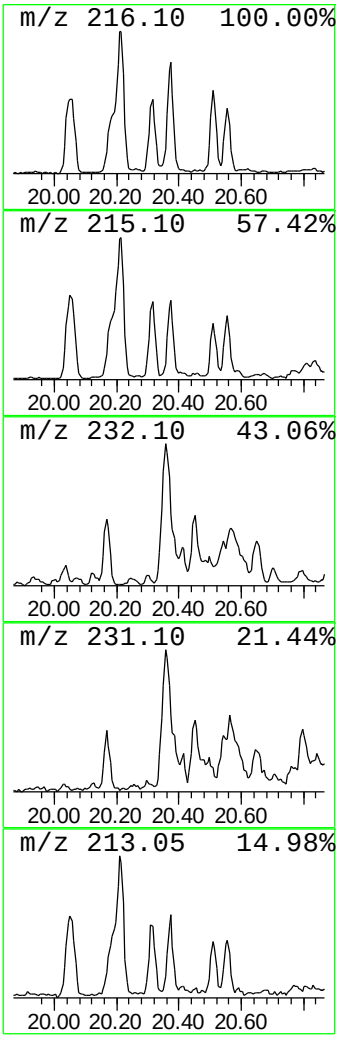
****

Peak Number 24 Pyrene, 1-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.37	2.32 ng/ul	296078	Chrysene-d12	21.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	78
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	64
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	55





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046375.D
Acq On : 20 Aug 2020 12:34
Operator : CG/JU
Sample : L3634-17
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMG5

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

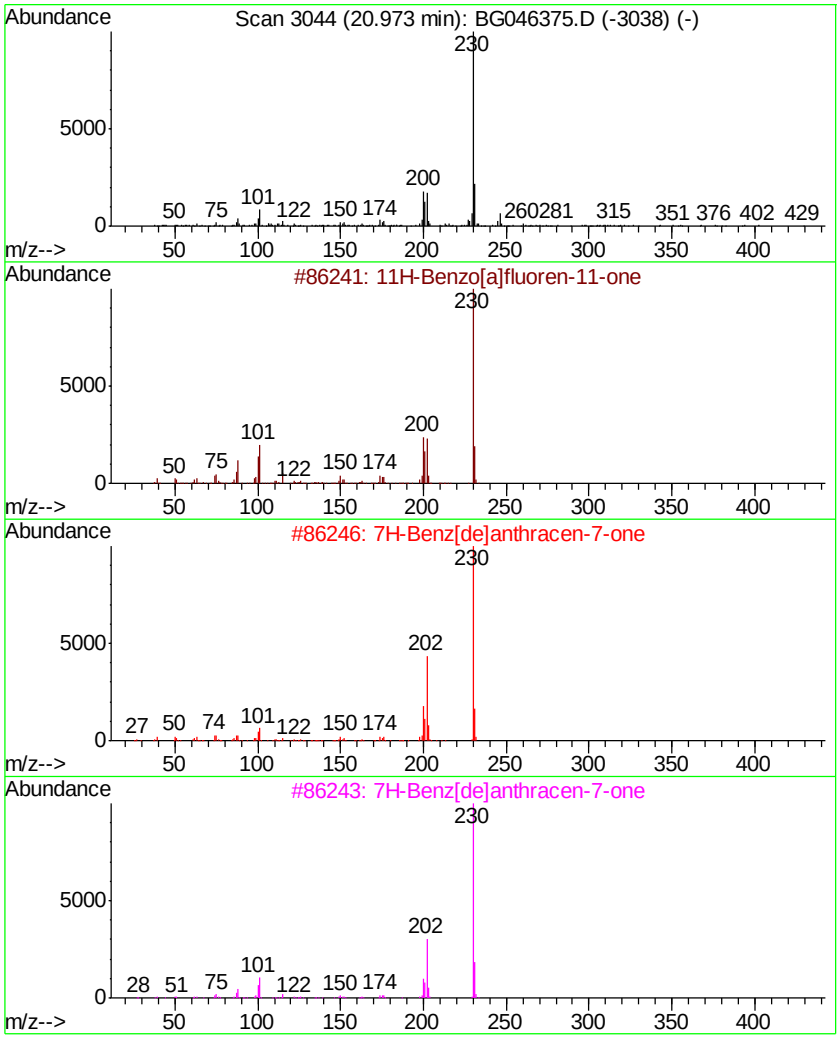
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

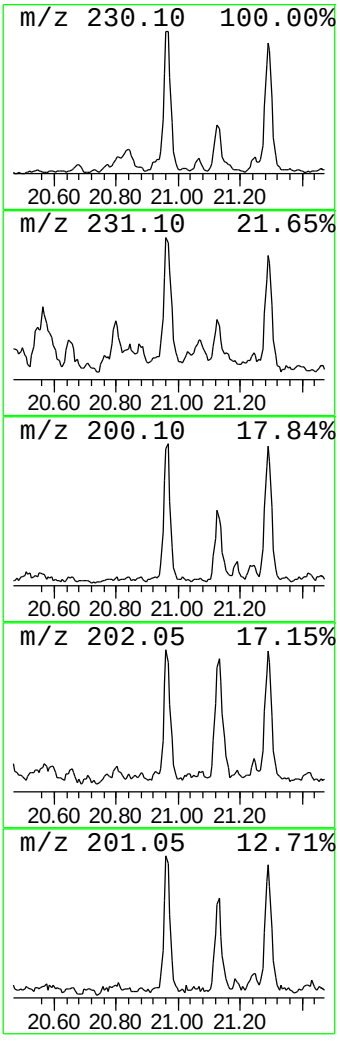
****

Peak Number 25 11H-Benzo[a]fluoren-11-one Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	2.09 ng/ul	266142	Chrysene-d12	21.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	93
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	68
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	64
5	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046375.D
Acq On : 20 Aug 2020 12:34
Operator : CG/JU
Sample : L3634-17
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMG5

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

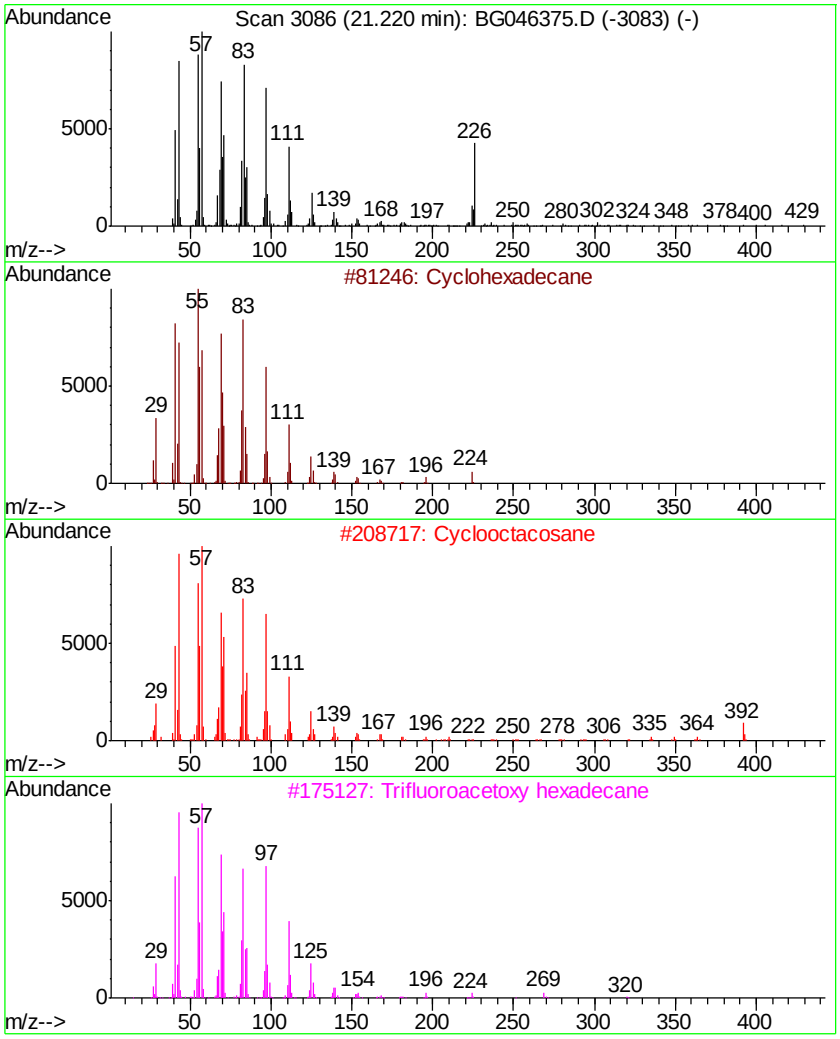
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

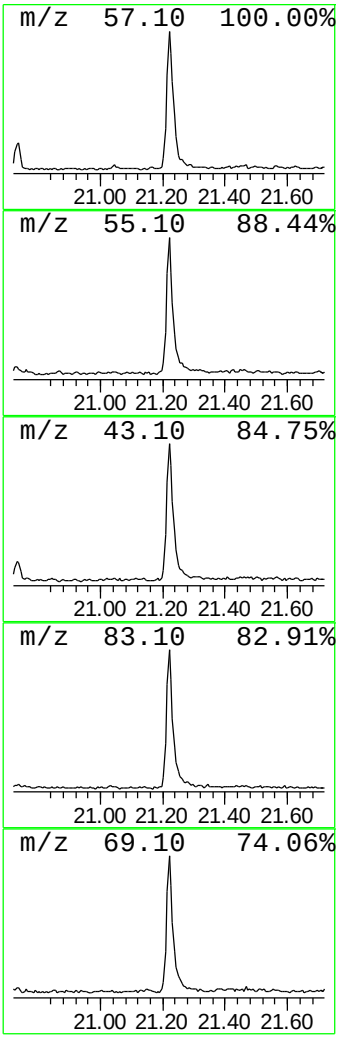
****

Peak Number 26 (DEL) Alkane: Cyclic21.22 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.22	6.02 ng/ul	767681	Chrysene-d12	21.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	95
2	Cyclooctacosane	392	C28H56	000297-24-5	92
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
4	1-Octadecanol	270	C18H38O	000112-92-5	90
5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046375.D
Acq On : 20 Aug 2020 12:34
Operator : CG/JU
Sample : L3634-17
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMG5

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

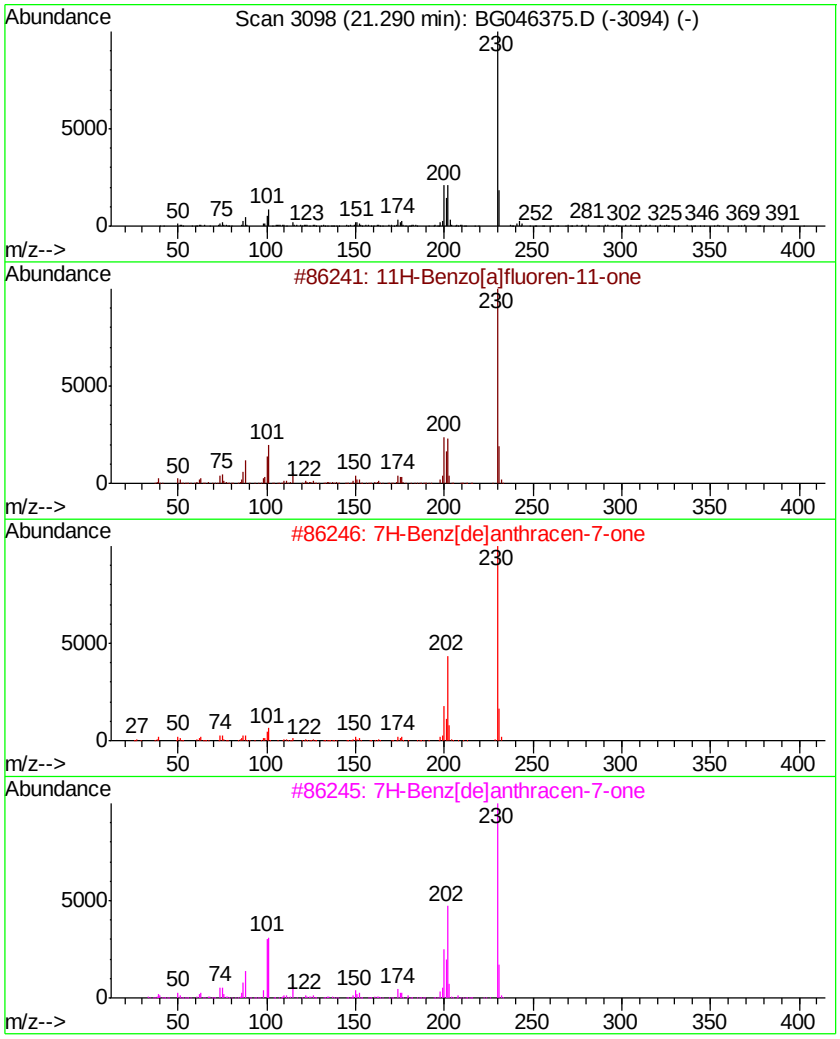
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

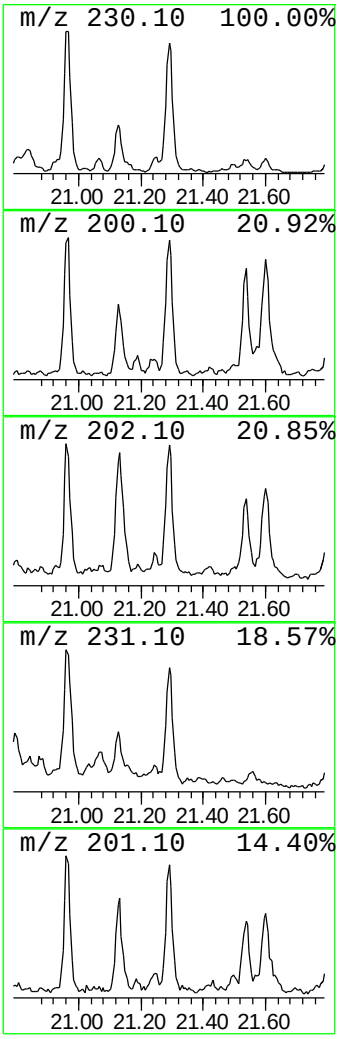
****

Peak Number 27 7H-Benz[de]anthracen-7-one Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.29	2.23 ng/ul	284538	Chrysene-d12	21.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	95
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	83
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	72
5	4-Isothiazolecarbonitrile, 3,5-b...	230	C8H10N2S3	024135-13-5	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046375.D
Acq On : 20 Aug 2020 12:34
Operator : CG/JU
Sample : L3634-17
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMG5

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

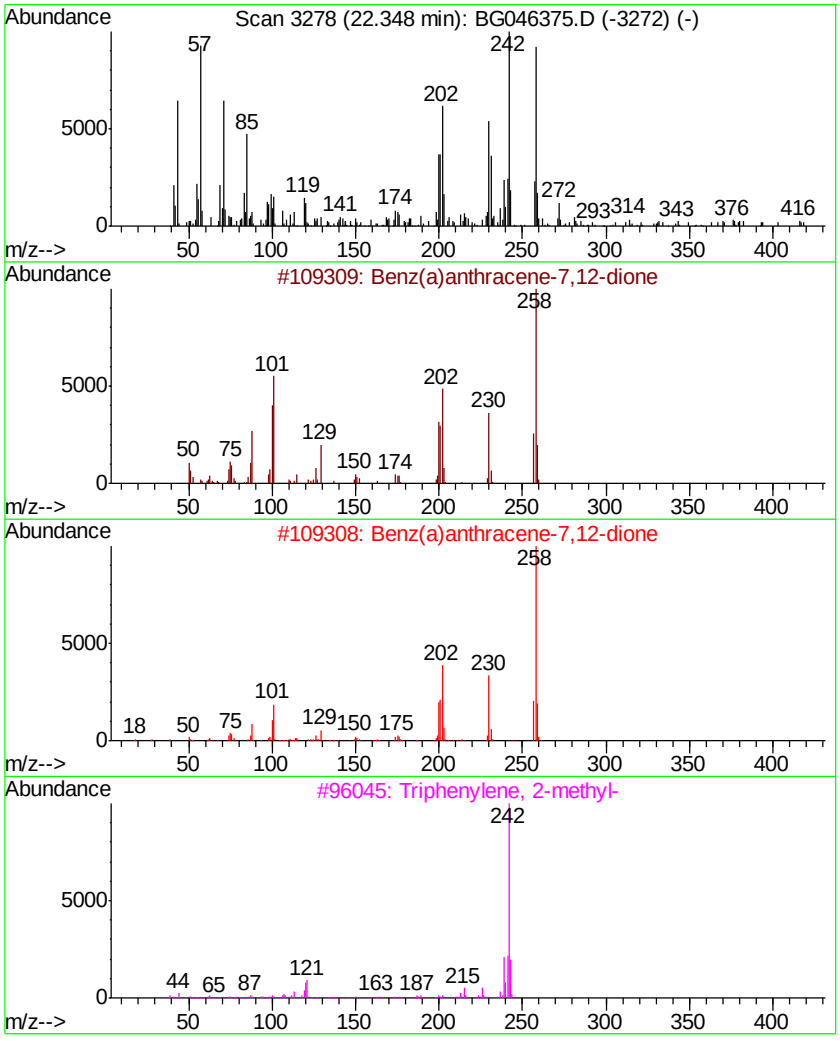
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

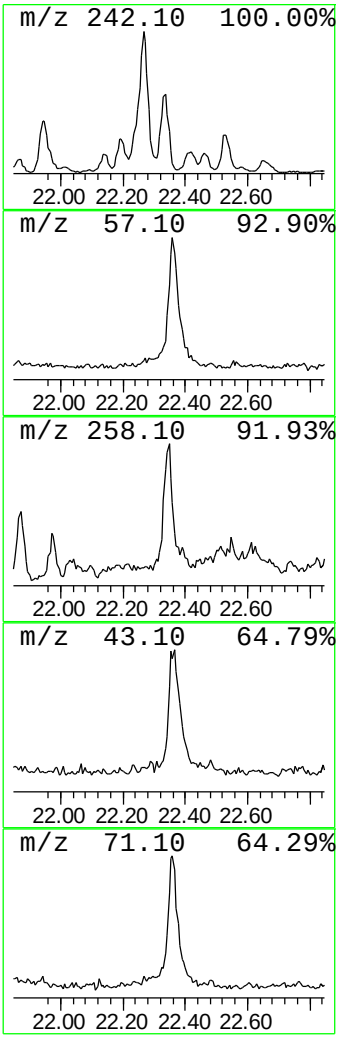
****

Peak Number 28 Benz(a)anthracene-7,12-dione Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.35	2.28 ng/ul	291424	Chrysene-d12	21.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz(a)anthracene-7,12-dione	258	C18H10O2	002498-66-0	50
2	Benz(a)anthracene-7,12-dione	258	C18H10O2	002498-66-0	38
3	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	35
4	5,12-Naphthacenedione	258	C18H10O2	001090-13-7	30
5	Acetamide, 2-(4-cyano-1,6-diazat...	368	C19H17FN4OS	1000316-10-7	30





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046375.D
Acq On : 20 Aug 2020 12:34
Operator : CG/JU
Sample : L3634-17
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMG5

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

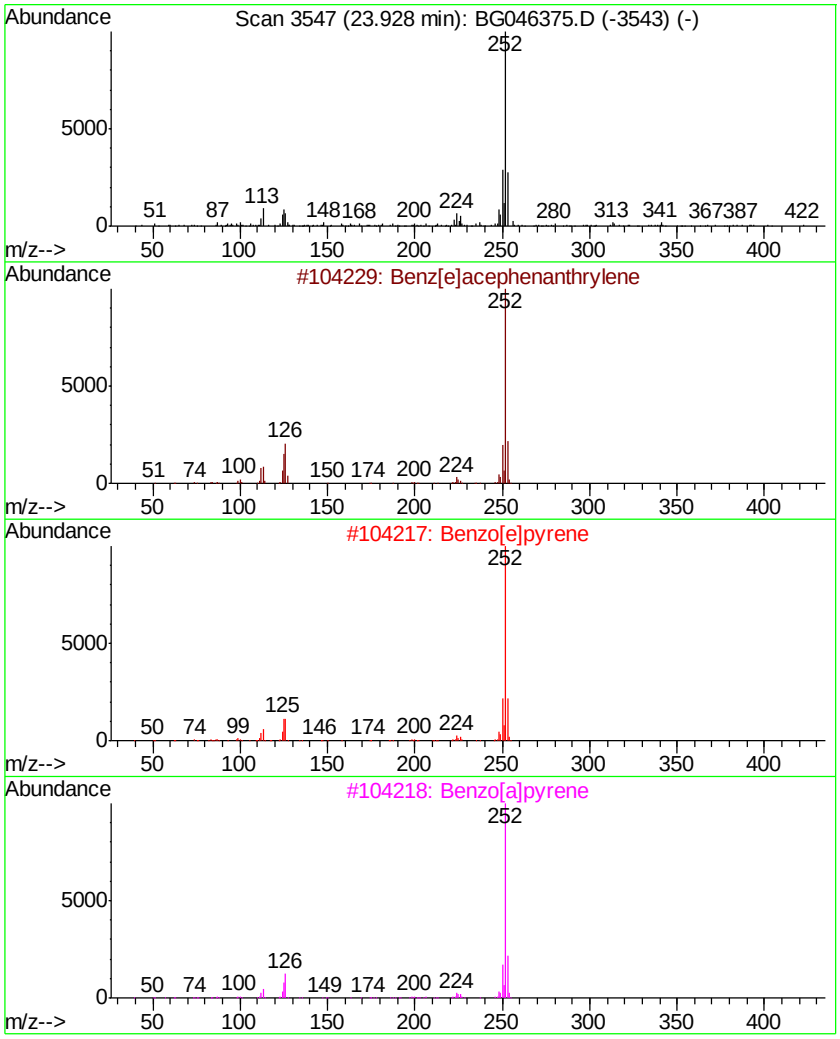
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

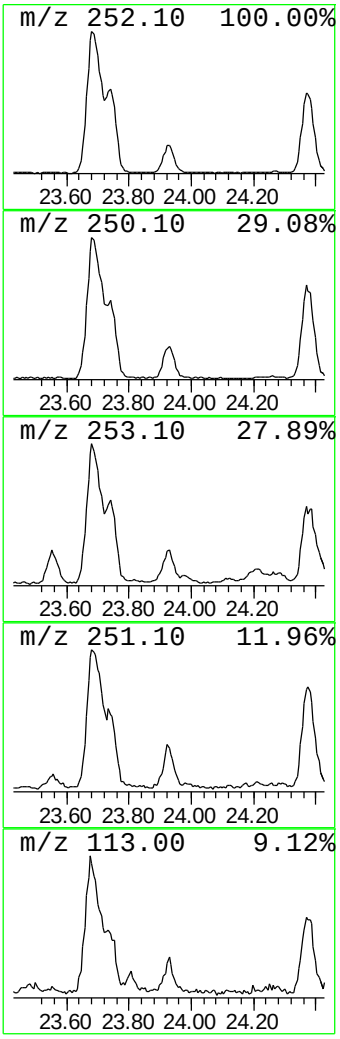
****

Peak Number 29 Benzo[e]pyrene Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.93	2.49 ng/ul	181153	Perylene-d12	24.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	83
2	Benzo[e]pyrene	252	C20H12	000192-97-2	81
3	Benzo[a]pyrene	252	C20H12	000050-32-8	81
4	Benzo[a]pyrene	252	C20H12	000050-32-8	74
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	74





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046375.D
Acq On : 20 Aug 2020 12:34
Operator : CG/JU
Sample : L3634-17
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMG5

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

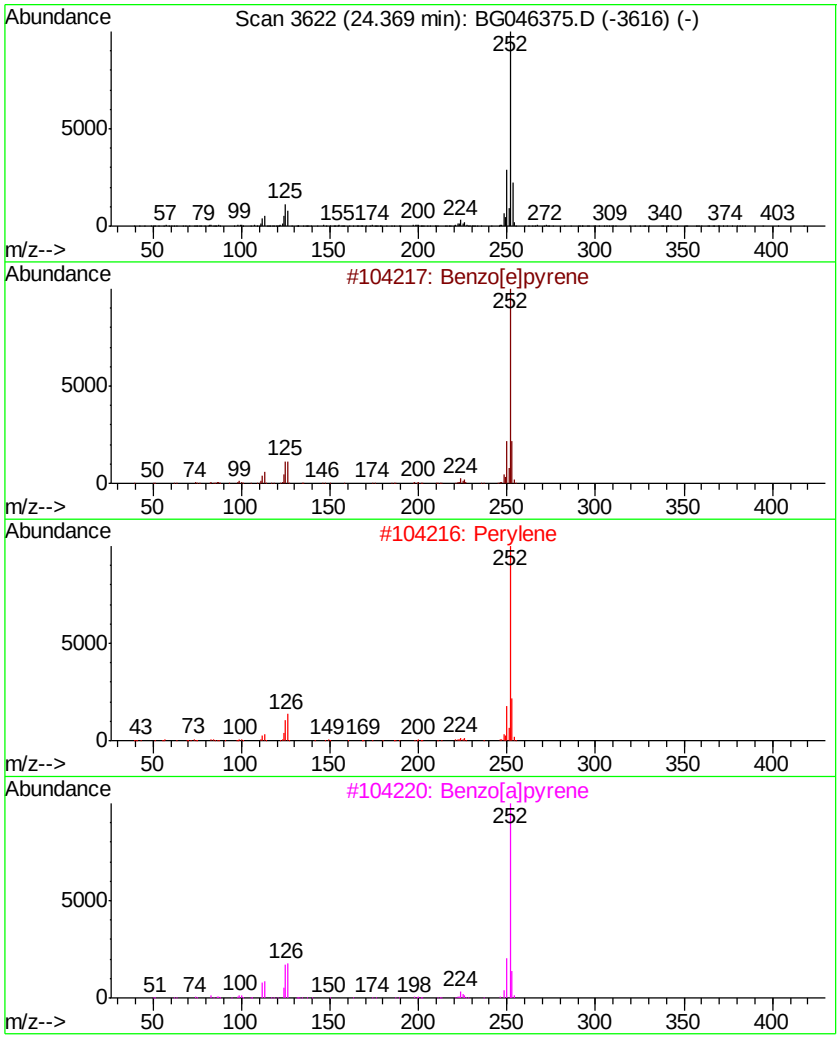
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

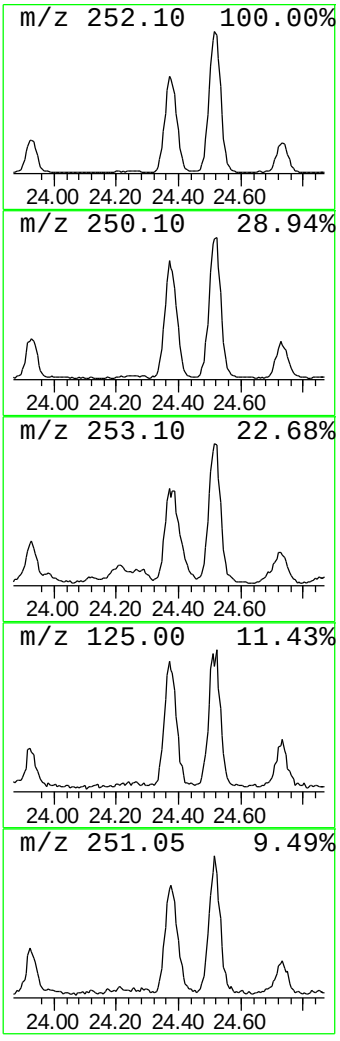
****

Peak Number 30 Perylene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.37	8.26 ng/ul	599805	Perylene-d12	24.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Perylene	252	C20H12	000198-55-0	93
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	91
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081920\
Data File : BG046375.D
Acq On : 20 Aug 2020 12:34
Operator : CG/JU
Sample : L3634-17
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMG5

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	109.7	ng/ul	2441370	1	7.94	445135	20.0
4H-Imidazol-4-one...	7.11	14.1	ng/ul	314147	1	7.94	445135	20.0
unknown-01	7.27	11.1	ng/ul	246760	1	7.94	445135	20.0
unknown-02	7.47	14.5	ng/ul	323164	1	7.94	445135	20.0
unknown-03	8.64	17.2	ng/ul	382989	1	7.94	445135	20.0
1H-Imidazole, 4-m...	9.09	13.8	ng/ul	306350	1	7.94	445135	20.0
unknown-04	9.82	7.5	ng/ul	256818	2	10.73	680005	20.0
unknown-05	10.86	10.1	ng/ul	342408	2	10.73	680005	20.0
unknown-06	13.97	13.3	ng/ul	657766	3	14.56	990411	20.0
Phthalic acid, 4-...	14.02	2.8	ng/ul	140675	3	14.56	990411	20.0
unknown-07	14.76	4.7	ng/ul	230699	3	14.56	990411	20.0
unknown-08	15.67	4.9	ng/ul	244341	3	14.56	990411	20.0
5H-Indeno[1,2-b]p...	17.71	2.9	ng/ul	187332	4	17.31	1282430	20.0
Phenanthrene, 2-m...	18.18	4.3	ng/ul	278749	4	17.31	1282430	20.0
Phenanthrene, 1-m...	18.23	5.5	ng/ul	355170	4	17.31	1282430	20.0
Benzaldehyde, 3,5...	18.38	5.6	ng/ul	359806	4	17.31	1282430	20.0
Anthracene, 9-met...	18.42	2.4	ng/ul	154802	4	17.31	1282430	20.0
5,16[1',2']:8,13[...	18.68	2.9	ng/ul	183164	4	17.31	1282430	20.0
9,10-Anthracenedione	18.72	3.1	ng/ul	198610	4	17.31	1282430	20.0
Phenanthrene, 2,5...	19.10	3.3	ng/ul	212707	4	17.31	1282430	20.0
unknown-09	19.16	2.2	ng/ul	140206	4	17.31	1282430	20.0
Cyclopenta(def)ph...	19.23	2.9	ng/ul	188566	4	17.31	1282430	20.0
Benzo[b]naphtho[2...	20.03	3.0	ng/ul	379001	5	21.55	2552090	20.0
Pyrene, 1-methyl-	20.37	2.3	ng/ul	296078	5	21.55	2552090	20.0
11H-Benzo[a]fluor...	20.97	2.1	ng/ul	266142	5	21.55	2552090	20.0
(DEL) Alkane: Cyc...	21.22	6.0	ng/ul	767681	5	21.55	2552090	20.0
7H-Benz[de]anthra...	21.29	2.2	ng/ul	284538	5	21.55	2552090	20.0
Benz(a)anthracene...	22.35	2.3	ng/ul	291424	5	21.55	2552090	20.0
Benzo[e]pyrene	23.93	2.5	ng/ul	181153	6	24.66	1452630	20.0
Perylene	24.37	8.3	ng/ul	599805	6	24.66	1452630	20.0