LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046397.D
Acq On : 21 Aug 2020 4:00
Operator : CG/JU
Sample : L3635-07
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMH3

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	3.143	4	9	27	rVB	1696586	2670821	84.60%	6.539%
2	3.919	136	141	147	rVB	21594	31848	1.01%	0.078%
3	4.048	158	163	170	rVB	16778	30892	0.98%	0.076%
4	5.053	328	334	339	rBV	12907	20593	0.65%	0.050%
5	7.109	676	684	696	rBV	220649	391335	12.40%	0.958%
6	7.268	704	711	728	rBV	170836	290058	9.19%	0.710%
7	7.474	738	746	754	rBV	230167	391305	12.39%	0.958%
8	7.938	818	825	834	rBV	255382	438215	13.88%	1.073%
9	8.649	939	946	956	rBV	267642	463457	14.68%	1.135%
10	9.095	1015	1022	1030	rBV	200056	368776	11.68%	0.903%
11	9.818	1137	1145	1156	rBV	174133	317094	10.04%	0.776%
12	10.359	1227	1237	1246	rBV	285740	525107	16.63%	1.286%
13	10.735	1292	1301	1308	rBV	375905	669462	21.20%	1.639%
14	10.870	1315	1324	1334	rBV	169607	335912	10.64%	0.822%
15	12.397	1577	1584	1589	rVB3	13025	21245	0.67%	0.052%
16	13.890	1834	1838	1843	rVV3	16928	29028	0.92%	0.071%
17	13.972	1843	1852	1857	rVV	533196	788522	24.98%	1.931%
18	14.019	1857	1860	1865	rVV	90431	119123	3.77%	0.292%
19	14.260	1892	1901	1914	rBV	630695	1053891	33.38%	2.580%
20	14.571	1945	1954	1960	rBV	592775	962600	30.49%	2.357%
21	14.630	1960	1964	1971	rVB3	15855	28012	0.89%	0.069%
22	14.765	1981	1987	1996	rBV	139137	272052	8.62%	0.666%
23	14.965	2016	2021	2029	rVB2	36631	62986	2.00%	0.154%
24	15.364	2081	2089	2096	rBV8	8417	22552	0.71%	0.055%
25	15.558	2115	2122	2128	rBV	828253	1253480	39.70%	3.069%
26	15.617	2128	2132	2136	rVV2	38233	57767	1.83%	0.141%
27	15.676	2136	2142	2151	rVV	154238	245820	7.79%	0.602%
28	15.799	2156	2163	2166	rVV5	11499	21107	0.67%	0.052%
29	15.852	2166	2172	2176	rVV7	16352	33748	1.07%	0.083%
30	15.911	2177	2182	2190	rVB	26935	46255	1.47%	0.113%
31	16.058	2202	2207	2215	rVV2	27104	56649	1.79%	0.139%
32	16.287	2242	2246	2254	rBV7	17455	33563	1.06%	0.082%
33	16.628	2291	2304	2308	rBV8	17509	48592	1.54%	0.119%
34	16.845	2334	2341	2345	rBV3	21886	41838	1.33%	0.102%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046397.D
Acq On : 21 Aug 2020 4:00
Operator : CG/JU
Sample : L3635-07
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMH3

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	16.892	2345	2349	2352	rVV5	18440	28186	0.89%	0.069%
36	16.963	2356	2361	2369	rVB	80952	130186	4.12%	0.319%
37	17.045	2369	2375	2385	rBV5	22193	66851	2.12%	0.164%
38	17.133	2385	2390	2398	rVB	36734	69963	2.22%	0.171%
39	17.309	2414	2420	2424	rBV	739726	1157461	36.66%	2.834%
40	17.350	2424	2427	2432	rVV	680126	1019711	32.30%	2.497%
41	17.409	2432	2437	2448	rVV2	851735	1353048	42.86%	3.313%
42	17.497	2448	2452	2458	rVB4	17856	31046	0.98%	0.076%
43	17.626	2470	2474	2479	rVB3	17824	26930	0.85%	0.066%
44	17.709	2479	2488	2493	rBV2	56322	112178	3.55%	0.275%
45	17.832	2503	2509	2514	rVV2	26849	41420	1.31%	0.101%
46	17.891	2515	2519	2529	rVB4	36080	61727	1.96%	0.151%
47	17.985	2529	2535	2540	rBV6	15038	32302	1.02%	0.079%
48	18.102	2551	2555	2560	rBV	17689	26437	0.84%	0.065%
49	18.191	2560	2570	2573	rBV	126781	250164	7.92%	0.613%
50	18.238	2574	2578	2583	rVB	175815	264430	8.38%	0.647%
51	18.320	2587	2592	2596	rVB	33220	51973	1.65%	0.127%
52	18.379	2596	2602	2606	rBV2	143803	276835	8.77%	0.678%
53	18.420	2606	2609	2613	rVB	93186	121675	3.85%	0.298%
54	18.502	2617	2623	2626	rBV8	21206	46134	1.46%	0.113%
55	18.684	2649	2654	2657	rBV	113228	170689	5.41%	0.418%
56	18.719	2657	2660	2666	rVB	266598	366107	11.60%	0.896%
57	18.931	2692	2696	2701	rVB	35676	42516	1.35%	0.104%
58	18.984	2701	2705	2708	rBV	35525	43237	1.37%	0.106%
59	19.019	2708	2711	2716	rVB	37031	47810	1.51%	0.117%
60	19.101	2720	2725	2730	rVV	111530	179920	5.70%	0.441%
61	19.160	2730	2735	2738	rVV5	41788	92208	2.92%	0.226%
62	19.195	2738	2741	2744	rVV	40998	56741	1.80%	0.139%
63	19.236	2744	2748	2756	rVB	118265	201458	6.38%	0.493%
64	19.366	2761	2770	2776	rVB	1268888	1851427	58.64%	4.533%
65	19.424	2776	2780	2783	rBV	32435	45127	1.43%	0.110%
66	19.460	2783	2786	2791	rVB2	40872	58736	1.86%	0.144%
67	19.512	2791	2795	2799	rBV	93319	119352	3.78%	0.292%
68	19.560	2799	2803	2806	rBV2	55500	77023	2.44%	0.189%
69	19.607	2808	2811	2814	rVB	29104	33958	1.08%	0.083%
70	19.695	2819	2826	2829	rBV2	1229118	2031578	64.35%	4.974%
71	19.724	2829	2831	2838	rVB	1195113	1447540	45.85%	3.544%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046397.D
Acq On : 21 Aug 2020 4:00
Operator : CG/JU
Sample : L3635-07
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMH3

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	19.800	2839	2844	2848	rBV3	60855	101910	3.23%	0.250%
73	19.900	2857	2861	2867	rBV	72923	117034	3.71%	0.287%
74	19.959	2867	2871	2876	rVB2	55314	89255	2.83%	0.219%
75	20.030	2877	2883	2893	rBV2	2196367	3157172	100.00%	7.730%
76	20.188	2905	2910	2911	rBV4	77429	127261	4.03%	0.312%
77	20.212	2911	2914	2919	rVB2	144635	214187	6.78%	0.524%
78	20.317	2928	2932	2935	rBV	59973	80216	2.54%	0.196%
79	20.376	2936	2942	2946	rVV2	142591	246692	7.81%	0.604%
80	20.511	2962	2965	2969	rBV2	85565	111825	3.54%	0.274%
81	20.558	2969	2973	2977	rVV2	88425	130850	4.14%	0.320%
82	20.970	3038	3043	3049	rBV	197263	300729	9.53%	0.736%
83	21.146	3067	3073	3077	rBV2	103976	244992	7.76%	0.600%
84	21.187	3077	3080	3083	rVV	132318	198459	6.29%	0.486%
85	21.222	3083	3086	3093	rVV4	451349	806915	25.56%	1.976%
86	21.293	3094	3098	3107	rVB	169962	301485	9.55%	0.738%
87	21.463	3124	3127	3131	rVB	118393	139852	4.43%	0.342%
88	21.557	3135	3143	3148	rVV2	989443	2366189	74.95%	5.794%
89	21.604	3148	3151	3159	rVB	602896	937201	29.68%	2.295%
90	21.763	3174	3178	3183	rBV3	60648	127672	4.04%	0.313%
91	21.816	3183	3187	3193	rVB2	60567	115154	3.65%	0.282%
92	22.368	3273	3281	3287	rBV5	143319	412231	13.06%	1.009%
93	23.690	3498	3506	3514	rBV2	431271	1481747	46.93%	3.628%
94	23.807	3522	3526	3530	rBV2	115756	185980	5.89%	0.455%
95	23.860	3531	3535	3543	rVB2	176121	344207	10.90%	0.843%
96	24.383	3618	3624	3630	rBV	211639	507172	16.06%	1.242%
97	24.460	3630	3637	3643	rVV	494913	1222578	38.72%	2.993%
98	24.524	3643	3648	3662	rVB	341347	877875	27.81%	2.149%
99	24.677	3665	3674	3680	rBV2	445680	1242308	39.35%	3.042%
100	25.811	3860	3867	3878	rVB2	166046	474598	15.03%	1.162%

Sum of corrected areas: 40841535

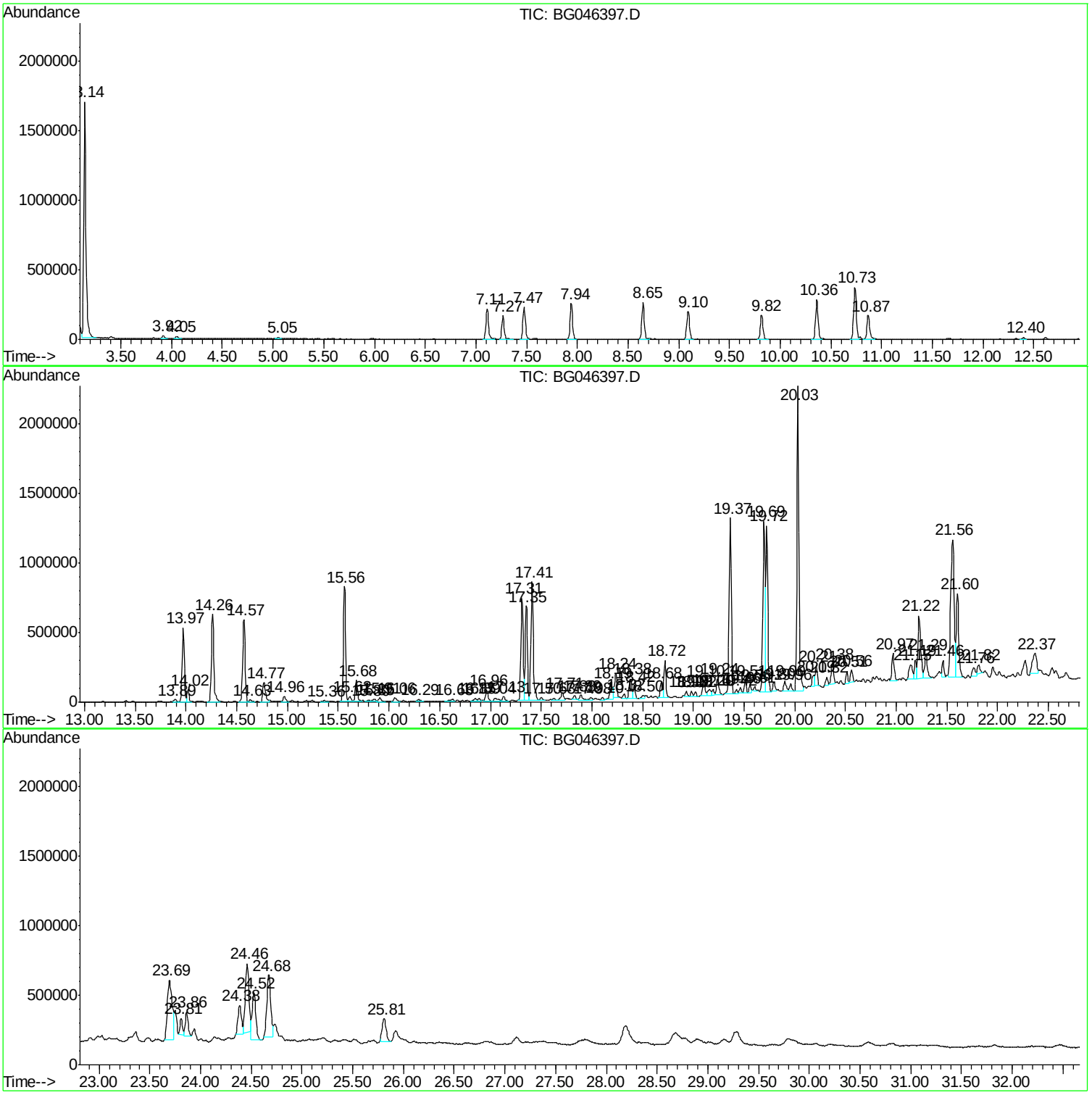
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046397.D
Acq On : 21 Aug 2020 4:00
Operator : CG/JU
Sample : L3635-07
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMH3

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 : BG046397.D
Acq On : 21 Aug 2020 4:00
Operator : CG/JU
Sample : L3635-07
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMH3

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

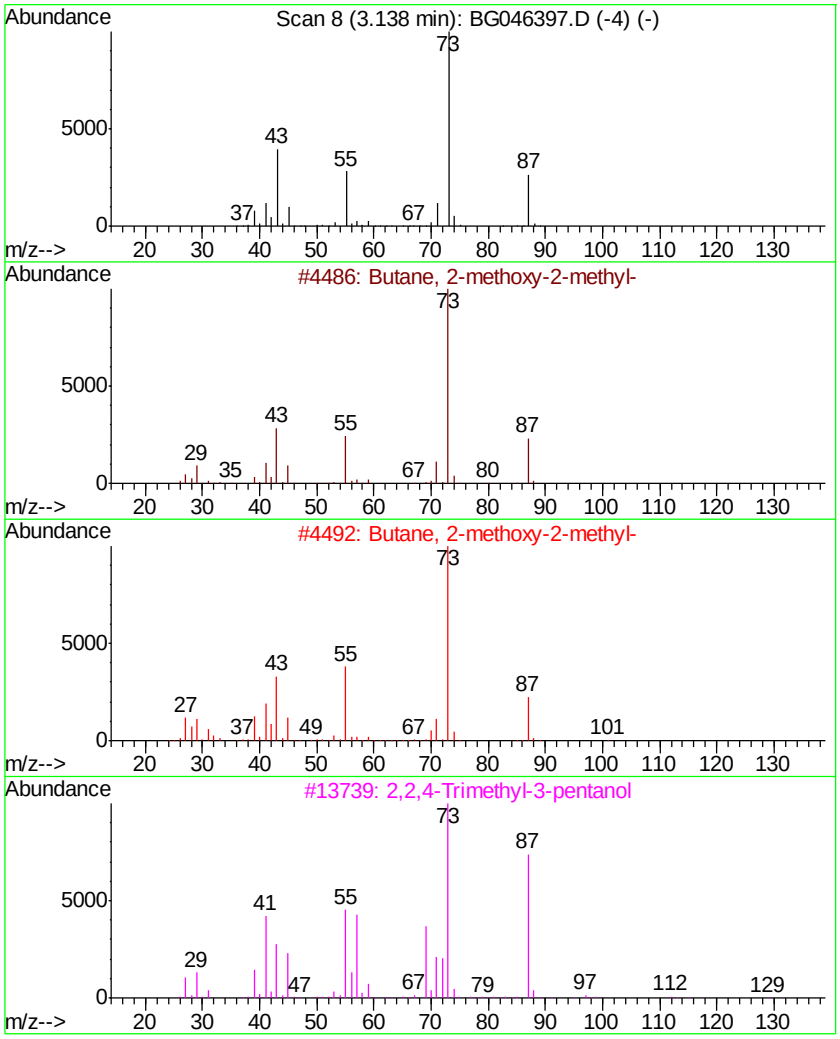
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

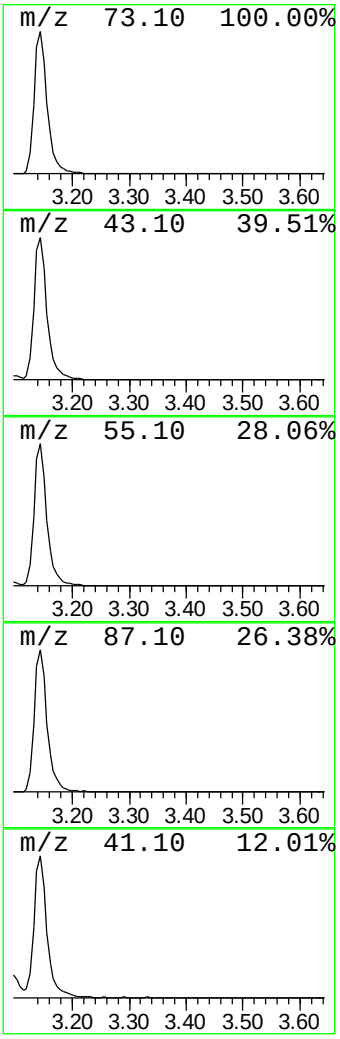
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.14	121.90 ng/ul	2670820	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	38
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046397.D
Acq On : 21 Aug 2020 4:00
Operator : CG/JU
Sample : L3635-07
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMH3

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

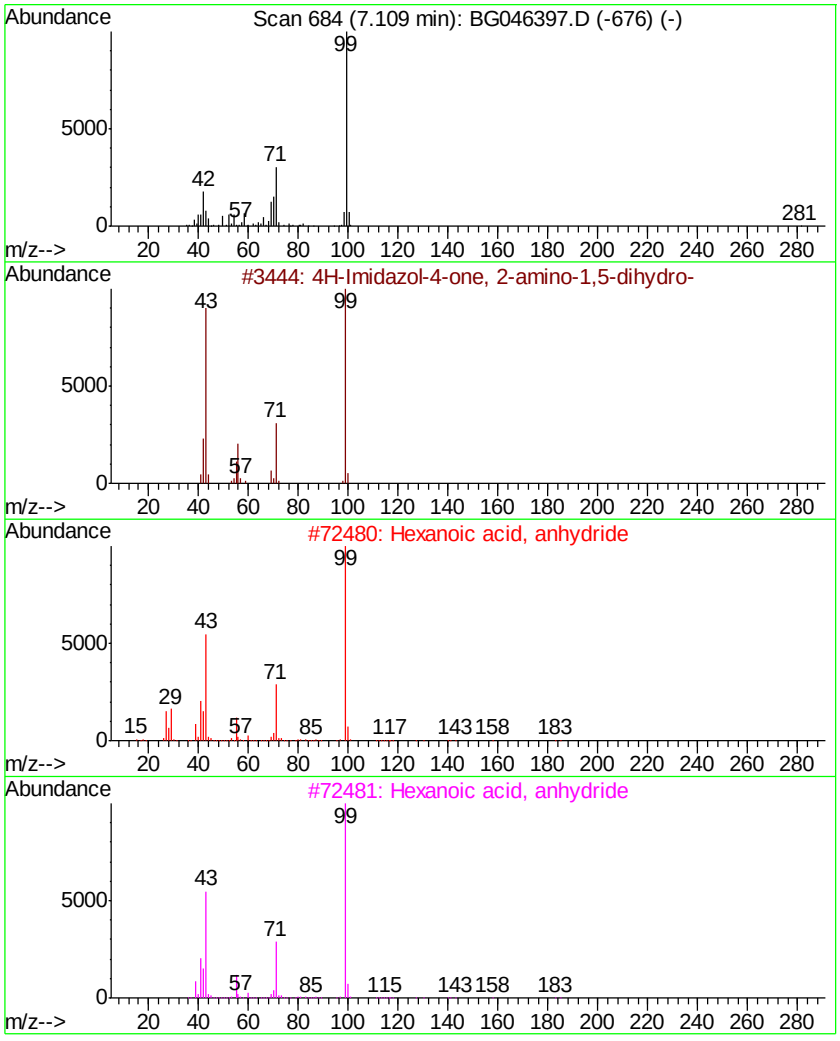
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

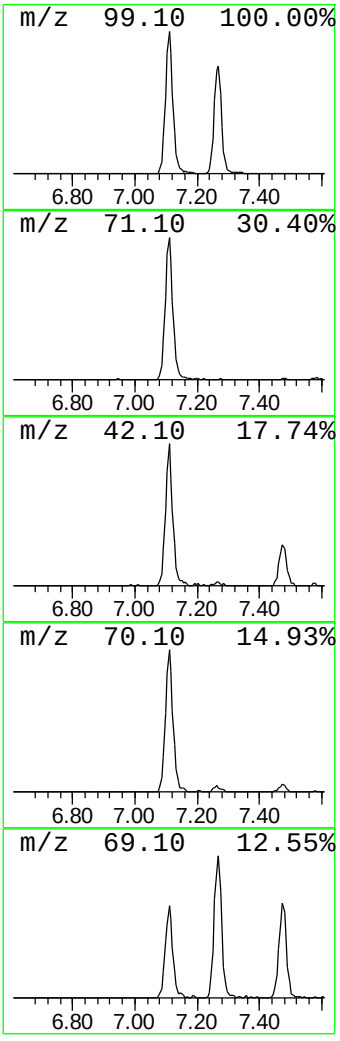
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.11	17.86 ng/ul	391335	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	72
2	Hexanoic acid, anhydride	214	C12H22O3	002051-49-2	50
3	Hexanoic acid, anhydride	214	C12H22O3	002051-49-2	50
4	2-Furancarboxylic acid, tetrahyd...	144	C6H8O4	022073-04-7	45
5	n-Heptyl methylphosphonofluoridate	196	C8H18FO2P	162085-82-7	42





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046397.D
Acq On : 21 Aug 2020 4:00
Operator : CG/JU
Sample : L3635-07
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMH3

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

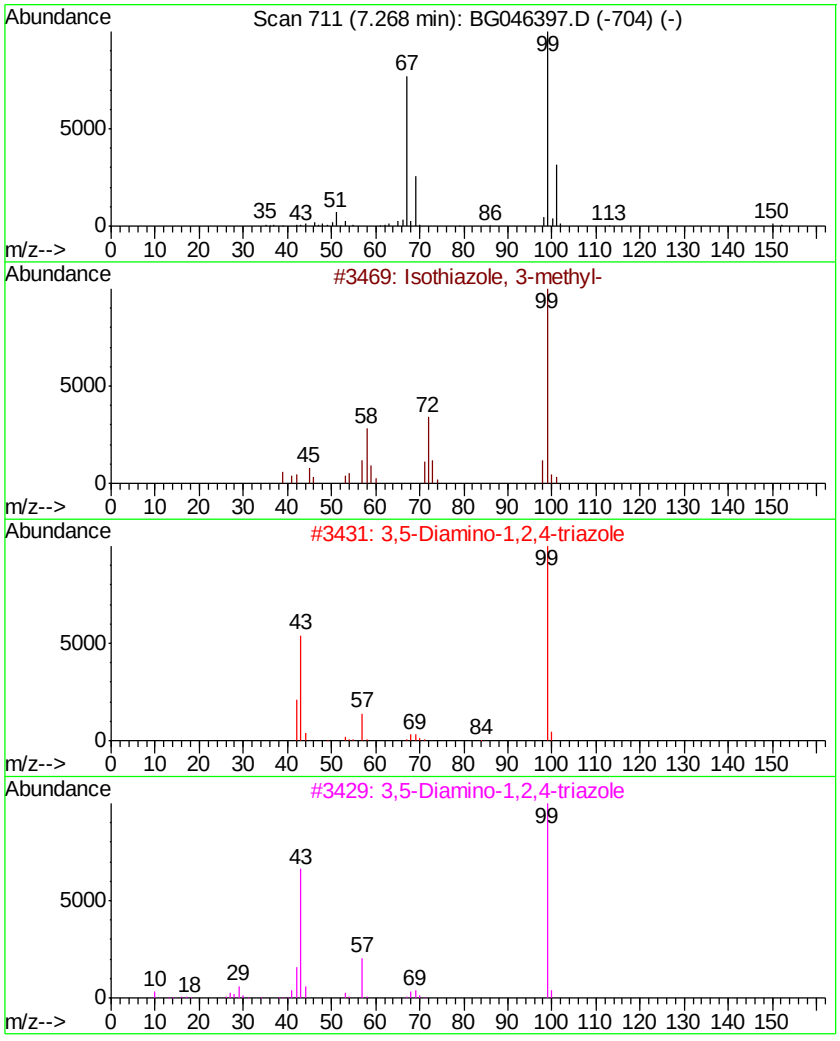
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

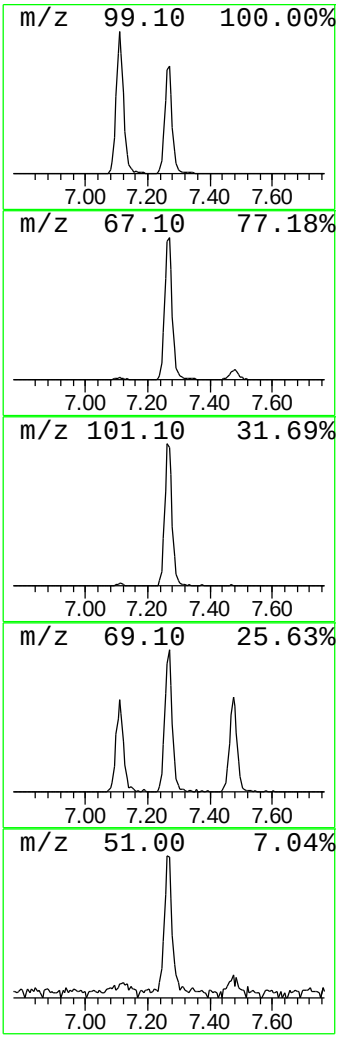
****

Peak Number 3 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.27	13.24 ng/ul	290058	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isothiazole, 3-methyl-	99	C4H5NS	000693-92-5	9
2	3,5-Diamino-1,2,4-triazole	99	C2H5N5	001455-77-2	9
3	3,5-Diamino-1,2,4-triazole	99	C2H5N5	001455-77-2	7
4	Methyl 2-butynoate	98	C5H6O2	023326-27-4	5
5	Succinimide	99	C4H5NO2	000123-56-8	5





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046397.D
Acq On : 21 Aug 2020 4:00
Operator : CG/JU
Sample : L3635-07
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMH3

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

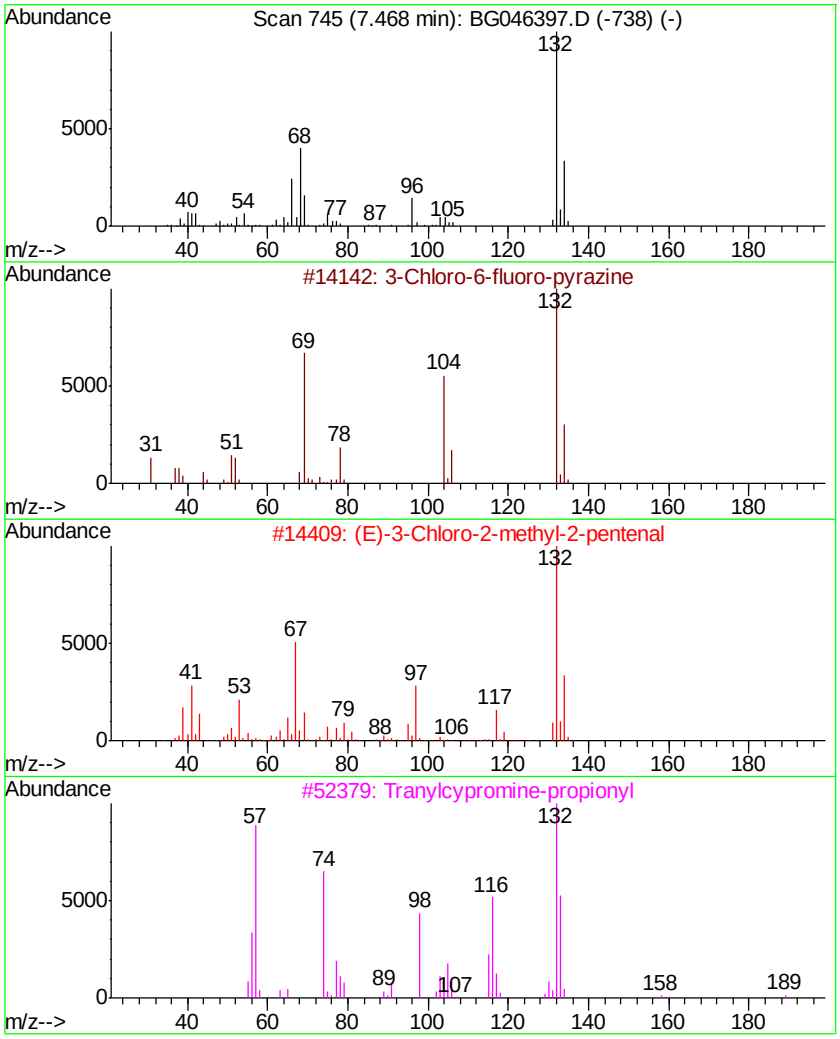
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

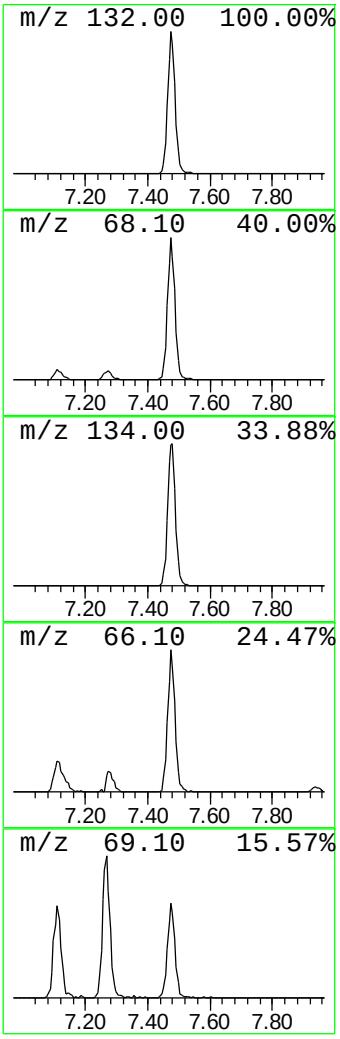
****

Peak Number 4 unknown-02 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	17.86 ng/ul	391305	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	16
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046397.D
Acq On : 21 Aug 2020 4:00
Operator : CG/JU
Sample : L3635-07
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMH3

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

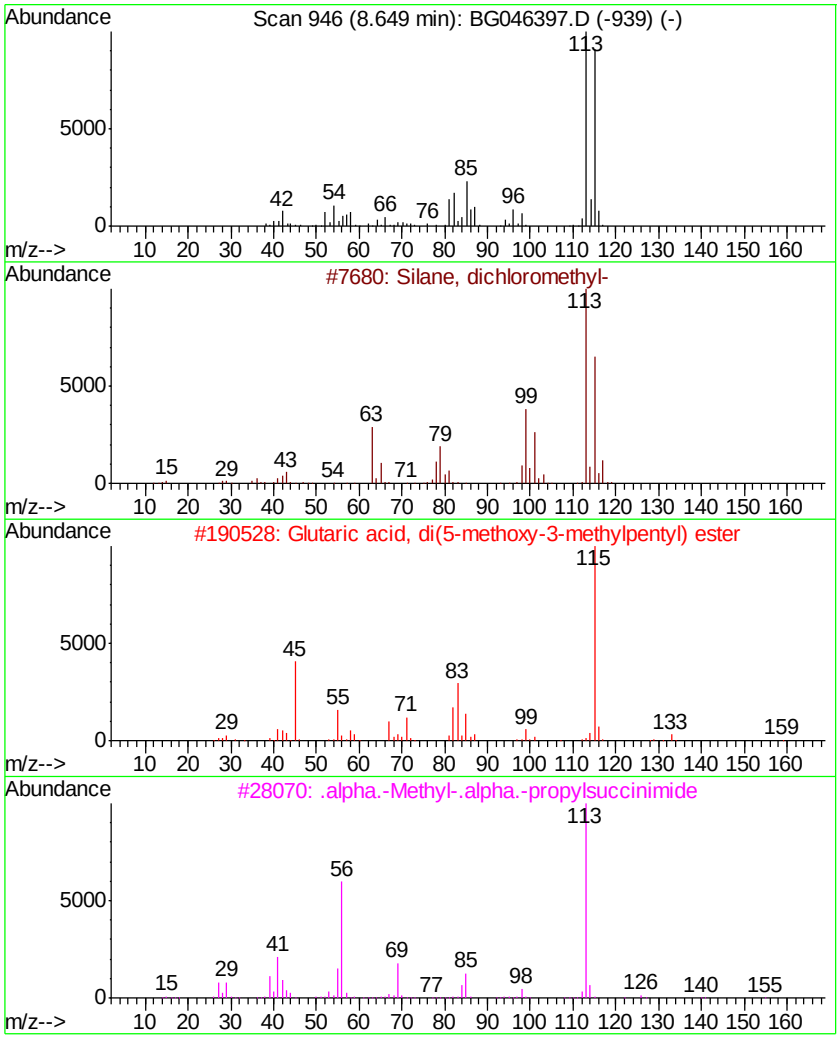
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

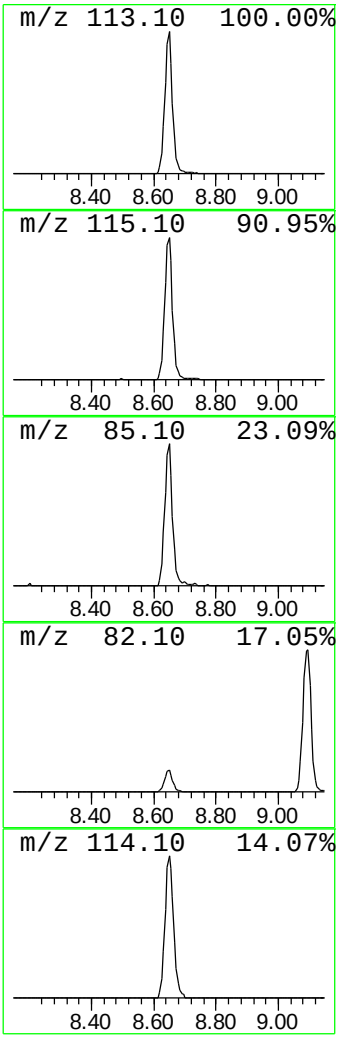
****

Peak Number 5 unknown-03 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	21.15 ng/ul	463457	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	Glutaric acid, di(5-methoxy-3-me...	360	C19H36O6	1000360-08-3	35
3	.alpha.-Methyl-.alpha.-propylsuc...	155	C8H13NO2	001497-19-4	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





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046397.D
Acq On : 21 Aug 2020 4:00
Operator : CG/JU
Sample : L3635-07
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMH3

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

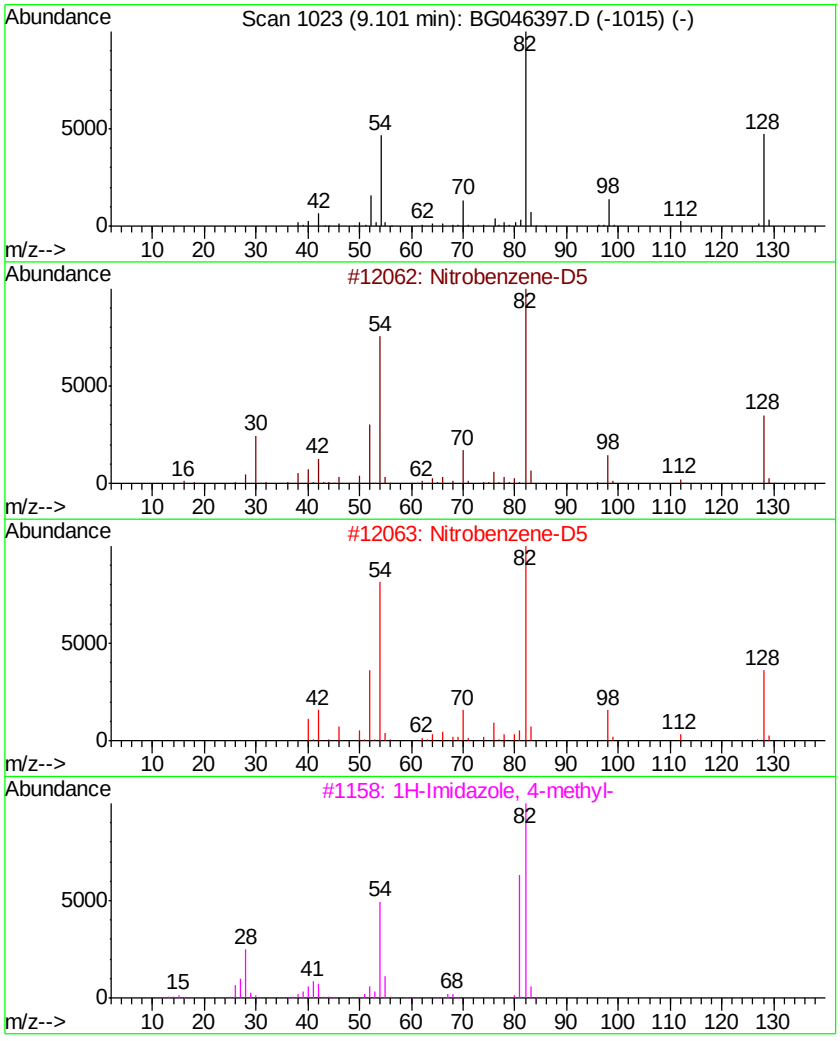
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

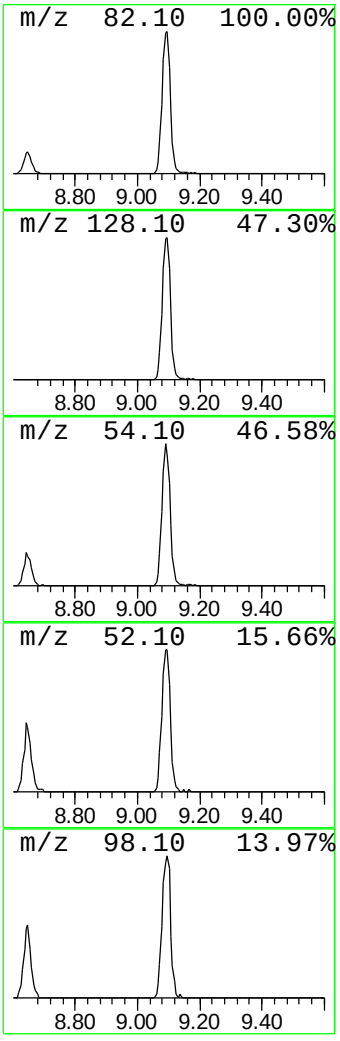
****

Peak Number 6 unknown-04 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.10	16.83 ng/ul	368776	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nitrobenzene-D5	128	C6D5NO2	004165-60-0	47
2	Nitrobenzene-D5	128	C6D5NO2	004165-60-0	40
3	1H-Imidazole, 4-methyl-	82	C4H6N2	000822-36-6	38
4	1H-Imidazole, 2-methyl-	82	C4H6N2	000693-98-1	38
5	1H-Imidazole, 2-methyl-	82	C4H6N2	000693-98-1	33





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046397.D
Acq On : 21 Aug 2020 4:00
Operator : CG/JU
Sample : L3635-07
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMH3

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

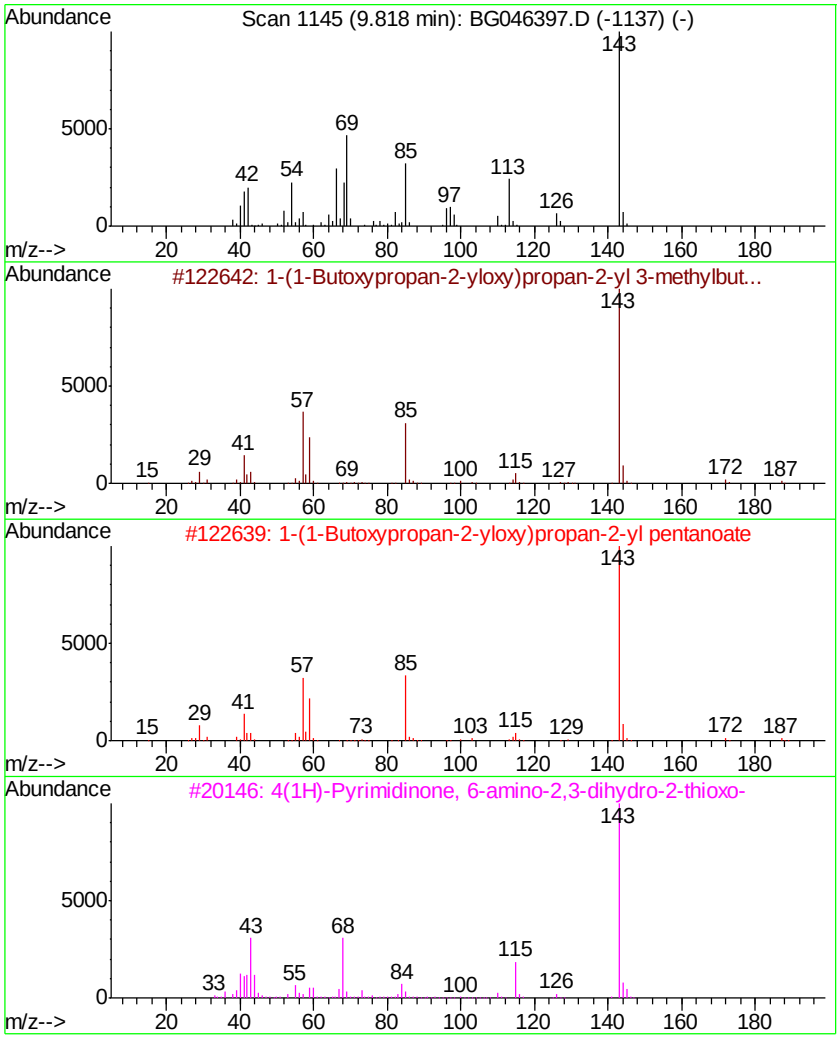
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

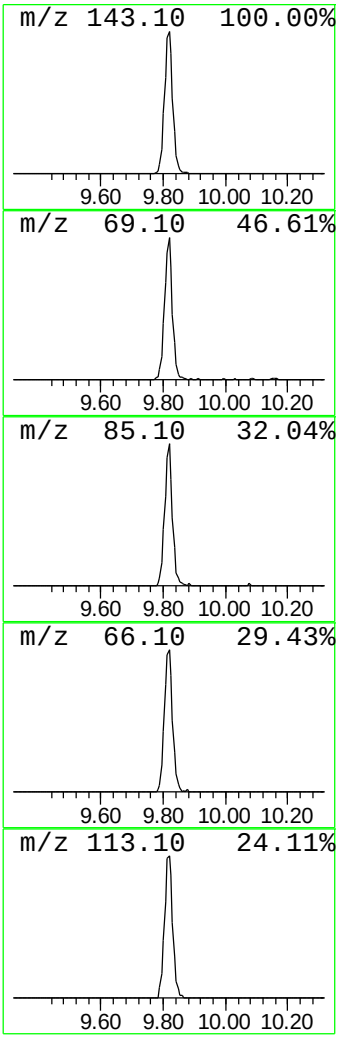
****

Peak Number 7 unknown-05 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	9.47 ng/ul	317094	Naphthalene-d8	10.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(1-Butoxypropan-2-yloxy)propan...	274	C15H30O4	1000367-12-9	22
2	1-(1-Butoxypropan-2-yloxy)propan...	274	C15H30O4	1000367-13-0	22
3	4(1H)-Pyrimidinone, 6-amino-2,3-...	143	C4H5N3OS	001004-40-6	16
4	3H-1,2,4-Triazole-3-thione,2,4-d...	143	C5H9N3S	037526-42-4	12
5	Glutaric acid, ethyl 3-heptyl ester	258	C14H26O4	1000359-73-0	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046397.D
Acq On : 21 Aug 2020 4:00
Operator : CG/JU
Sample : L3635-07
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMH3

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

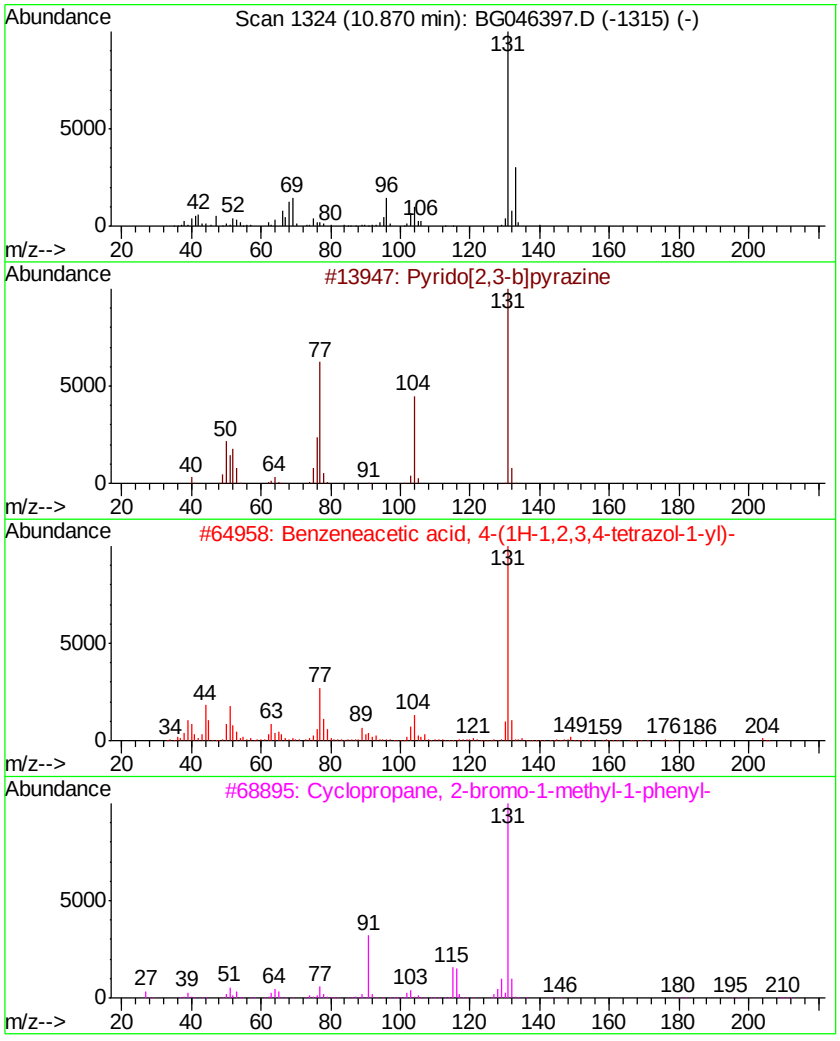
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

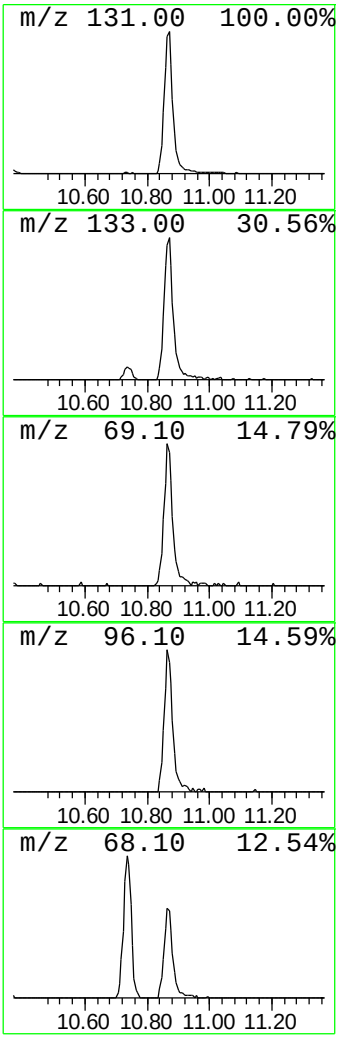
****

Peak Number 8 unknown-06 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	10.04 ng/ul	335912	Naphthalene-d8	10.73

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	Cyclopropane, 2-bromo-1-methyl-1...	210	C10H11Br	055091-64-0	28
4	4-Pyrimidinamine, 2,6-difluoro-	131	C4H3F2N3	000675-12-7	9
5	Pyrido[2,3-b]pyrazine	131	C7H5N3	000322-46-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046397.D
Acq On : 21 Aug 2020 4:00
Operator : CG/JU
Sample : L3635-07
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMH3

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

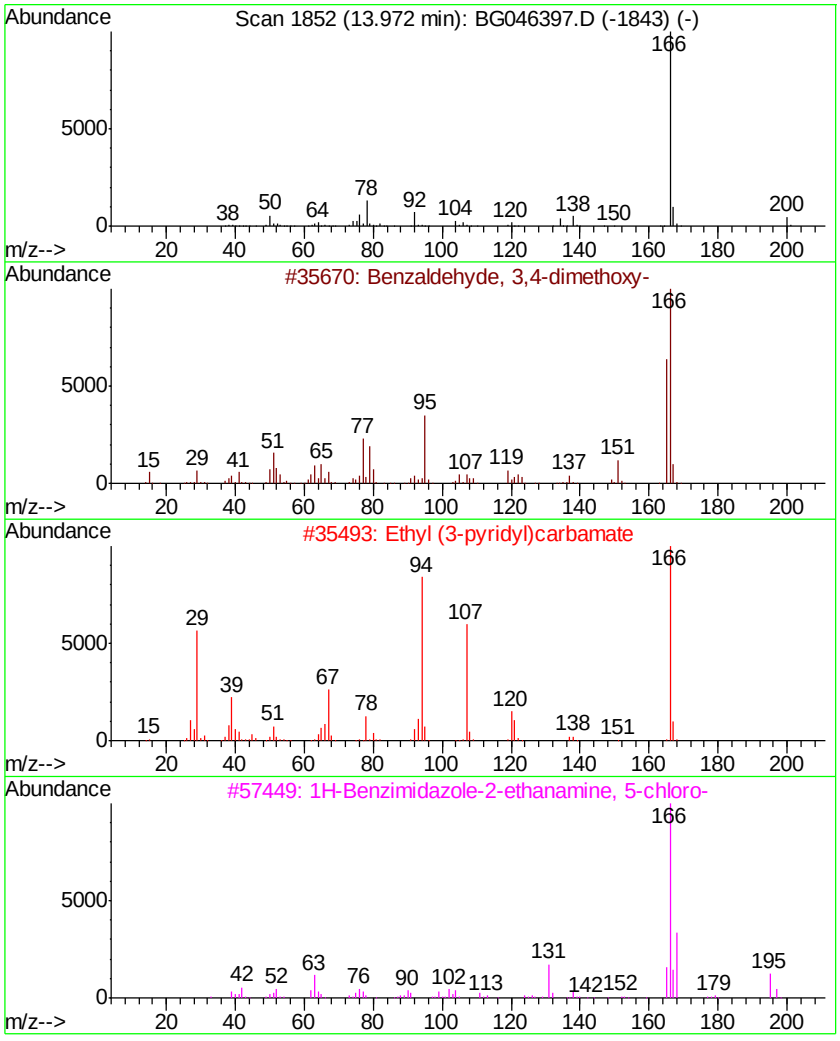
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

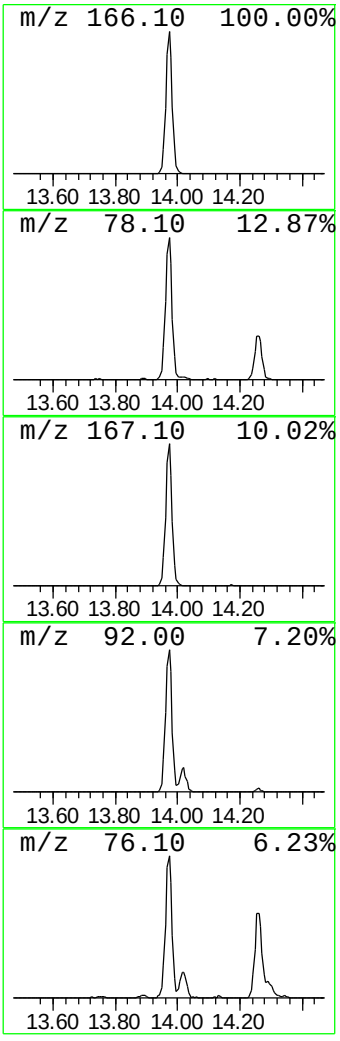
****

Peak Number 9 unknown-07 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	16.38 ng/ul	788522	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	6H-Purine-6-thione, 1,7-dihydro-...	166	C6H6N4S	001126-23-4	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046397.D
Acq On : 21 Aug 2020 4:00
Operator : CG/JU
Sample : L3635-07
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMH3

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

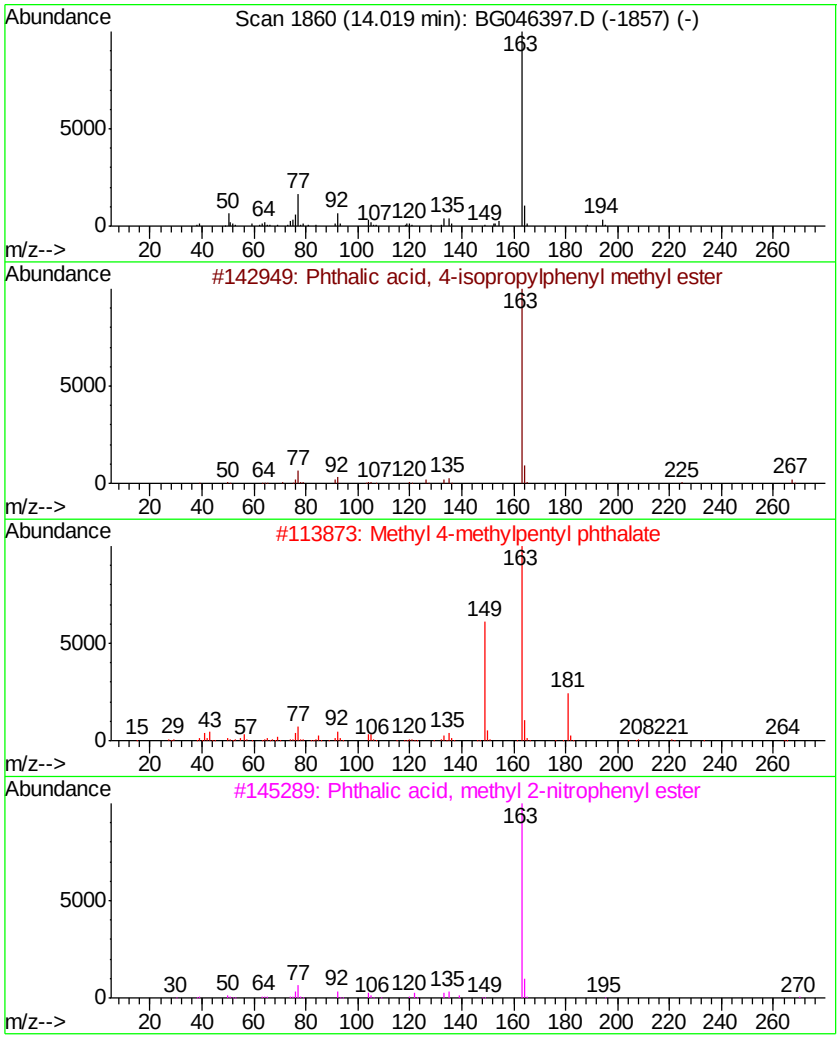
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

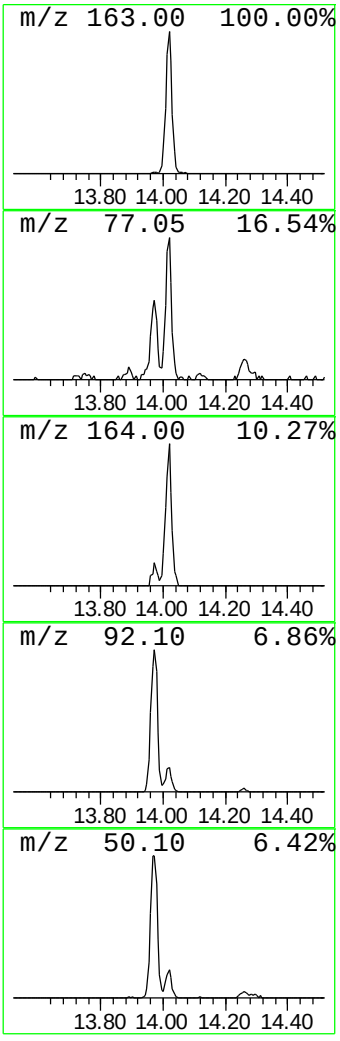
****

Peak Number 10 Phthalic acid, 4-isopropylp... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	2.48 ng/ul	119123	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, 4-isopropylphenyl...	298	C18H18O4	1000315-65-7	83
2	Methyl 4-methylpentyl phthalate	264	C15H20O4	1000373-82-6	78
3	Phthalic acid, methyl 2-nitrophe...	301	C15H11NO6	1000315-68-3	78
4	Methyl 4-methylpentan-2-yl phtha...	264	C15H20O4	1000373-82-3	78
5	Heptyl methyl phthalate	278	C16H22O4	1000373-88-4	78





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046397.D
Acq On : 21 Aug 2020 4:00
Operator : CG/JU
Sample : L3635-07
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMH3

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

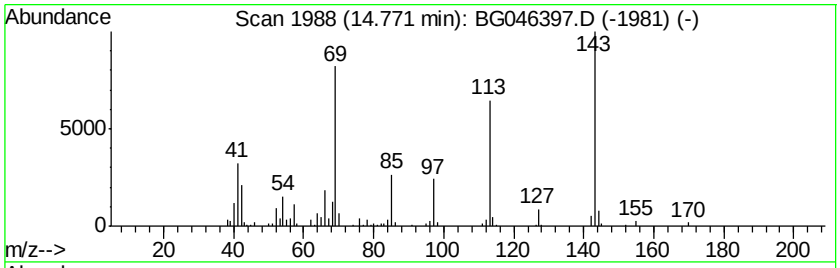
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

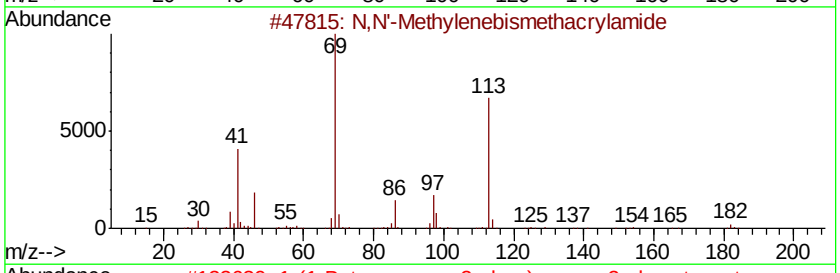
****

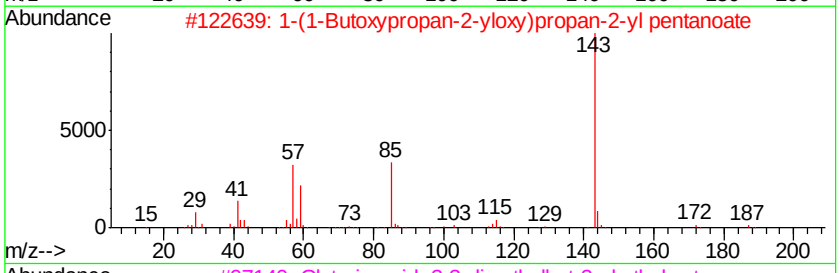
Peak Number 11 unknown-08 Concentration Rank 15

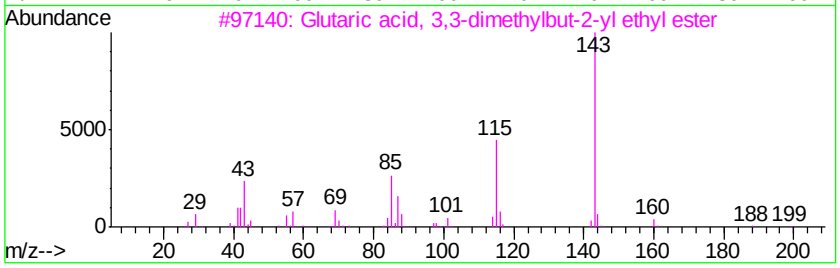
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	5.65 ng/ul	272052	Acenaphthene-d10	14.57

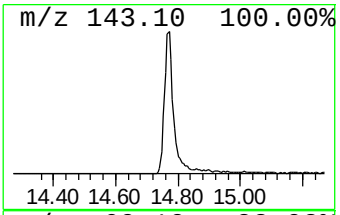
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N,N'-Methylenebismethacrylamide	182	C9H14N2O2	002359-15-1	22
2	1-(1-Butoxypropan-2-yloxy)propan...	274	C15H30O4	1000367-13-0	14
3	Glutaric acid, 3,3-dimethylbut-2...	244	C13H24O4	1000359-74-7	12
4	Glutaric acid, ethyl 4-methylhep...	272	C15H28O4	1000377-14-9	10
5	Isoquinoline, 1-methyl-	143	C10H9N	001721-93-3	10

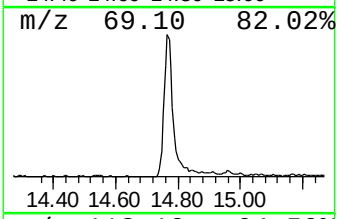


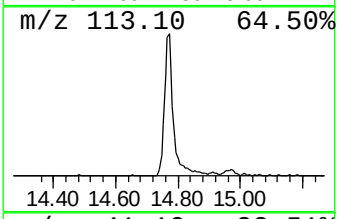


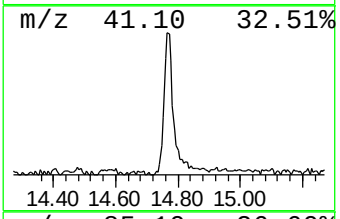


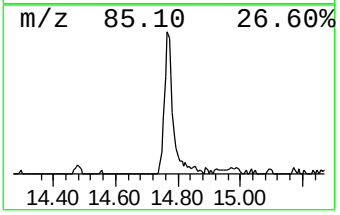












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046397.D
Acq On : 21 Aug 2020 4:00
Operator : CG/JU
Sample : L3635-07
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMH3

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

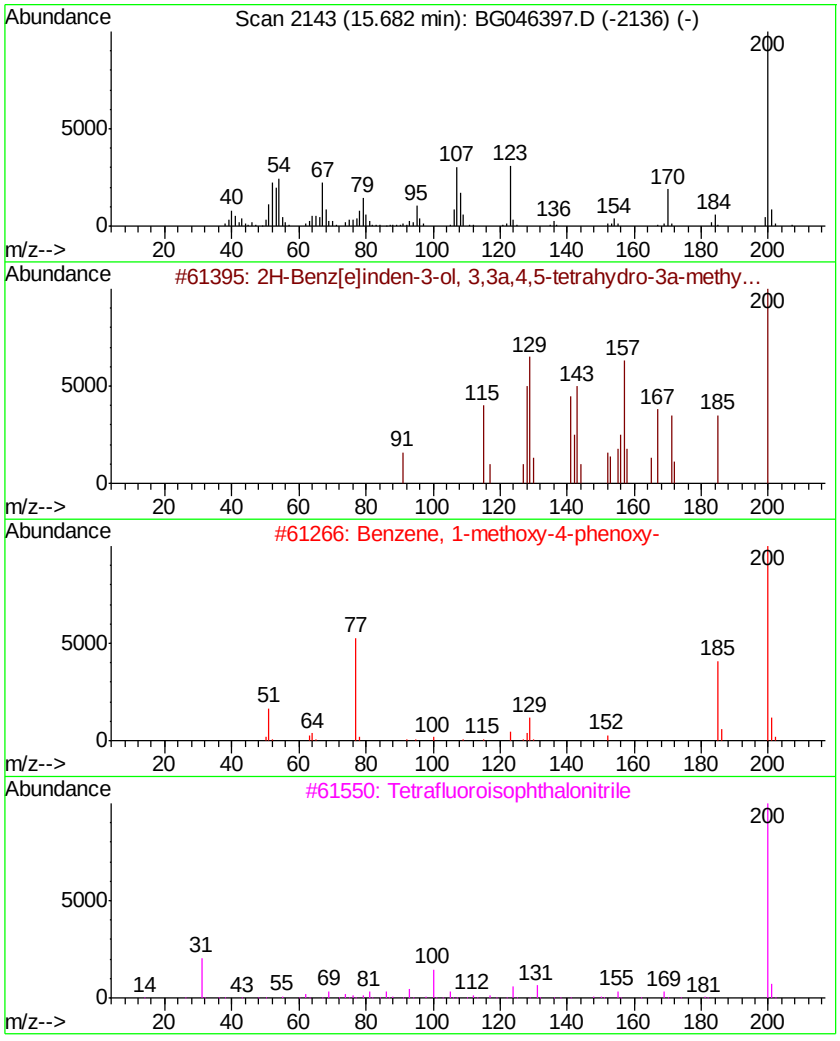
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

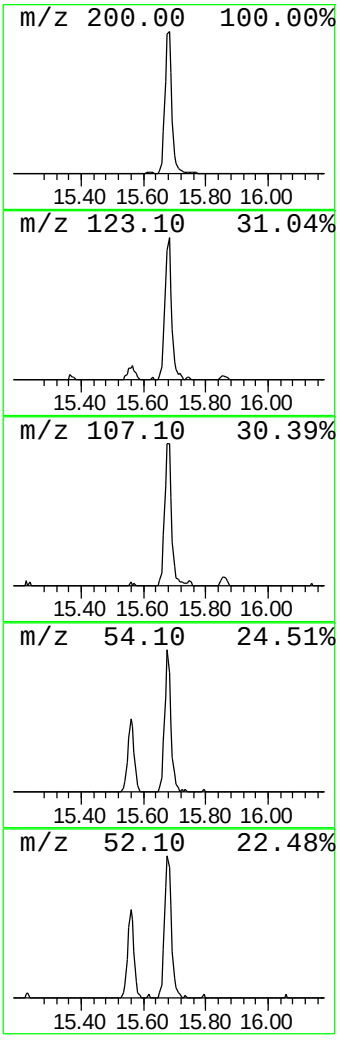
****

Peak Number 12 unknown-09 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	5.11 ng/ul	245820	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Benz[e]inden-3-ol, 3,3a,4,5-t...	200	C14H16O	071805-91-9	38
2	Benzene, 1-methoxy-4-phenoxy-	200	C13H12O2	001655-69-2	14
3	Tetrafluoroisophthalonitrile	200	C8F4N2	002377-81-3	10
4	2,3-Dihydro-6-isopropyl-1,2,4-tr...	200	C6H8N4S2	014778-89-3	9
5	1-Hydroxy-4-methyl-2-oxo-1,2-dih...	200	C11H8N2O2	021771-74-4	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046397.D
Acq On : 21 Aug 2020 4:00
Operator : CG/JU
Sample : L3635-07
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMH3

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

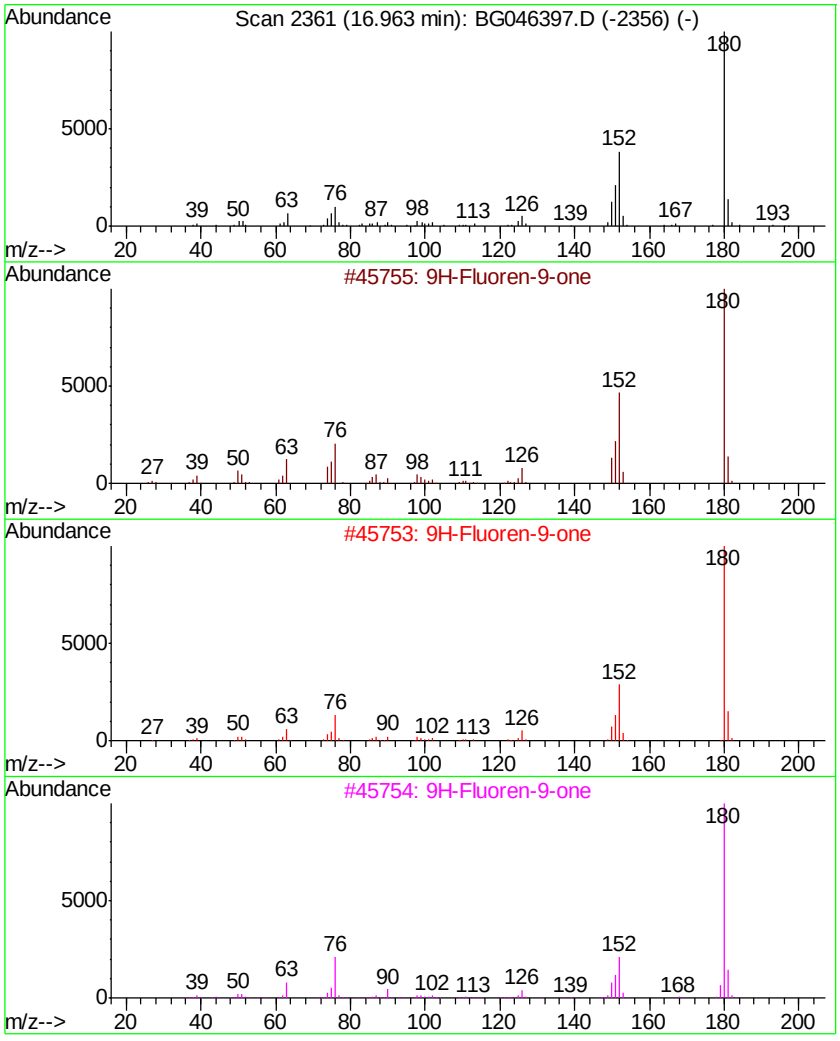
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

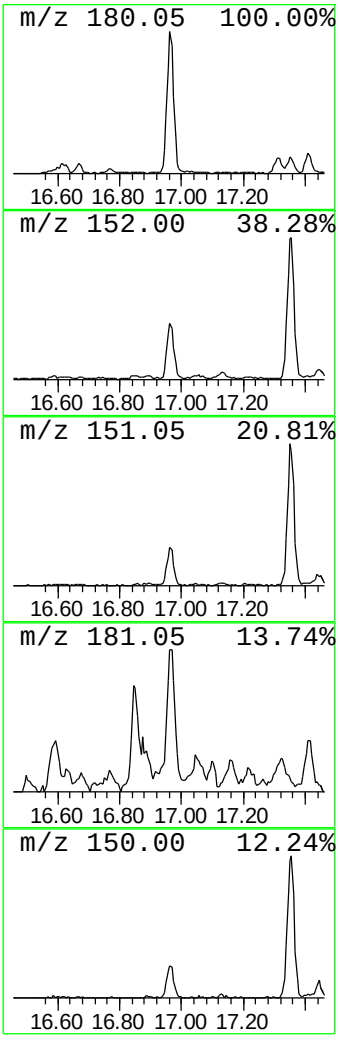
****

Peak Number 13 9H-Fluoren-9-one Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.96	2.25 ng/ul	130186	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	96
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046397.D
Acq On : 21 Aug 2020 4:00
Operator : CG/JU
Sample : L3635-07
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMH3

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

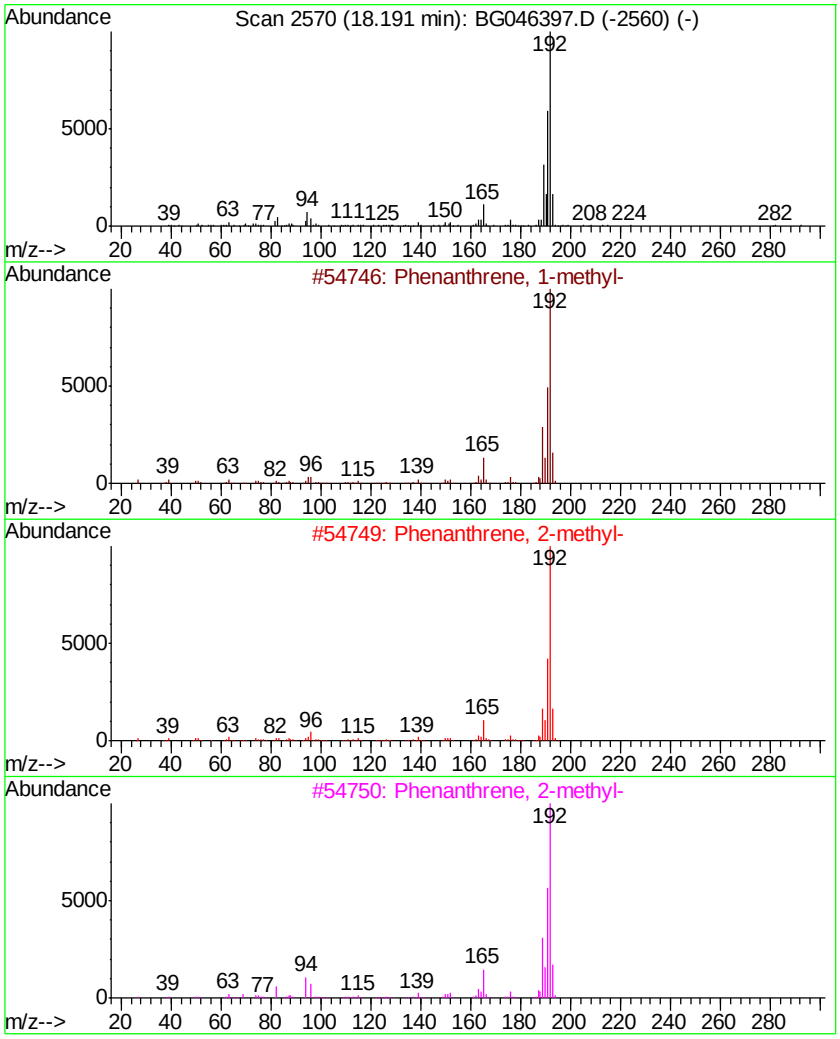
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

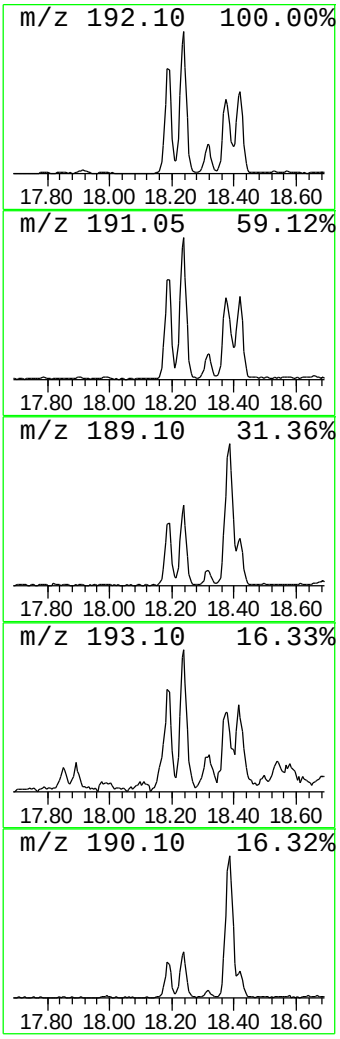
****

Peak Number 14 Phenanthrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.19	4.32 ng/ul	250164	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	89





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046397.D
Acq On : 21 Aug 2020 4:00
Operator : CG/JU
Sample : L3635-07
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMH3

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

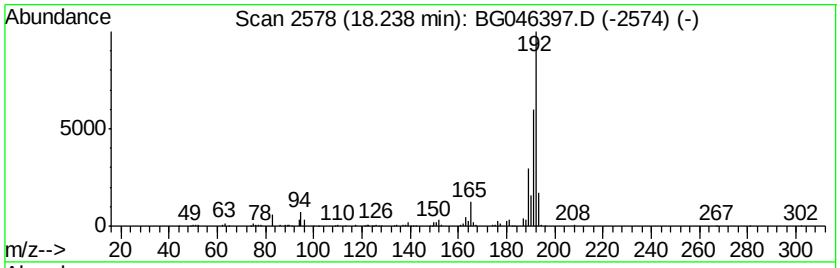
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

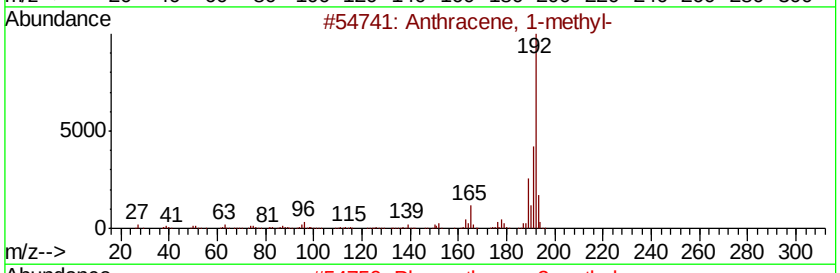
****

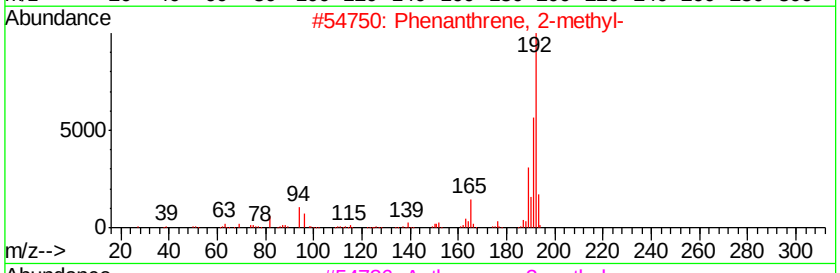
Peak Number 15 Anthracene, 1-methyl- Concentration Rank 19

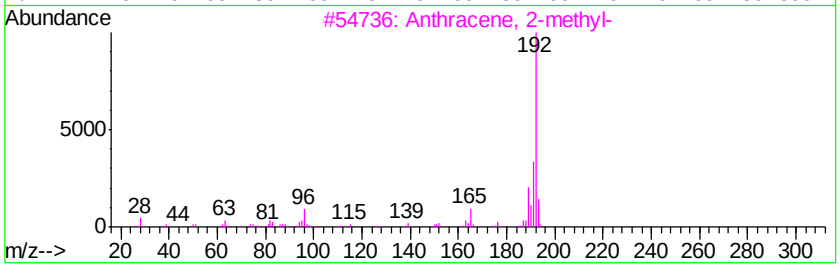
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.24	4.57 ng/ul	264430	Phenanthrene-d10	17.31

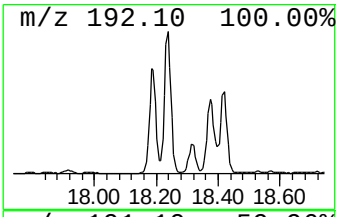
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93

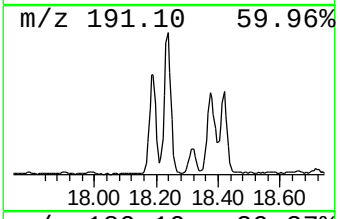


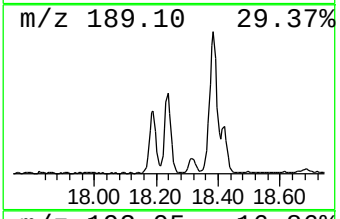


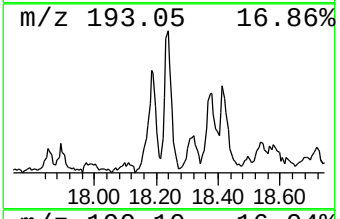


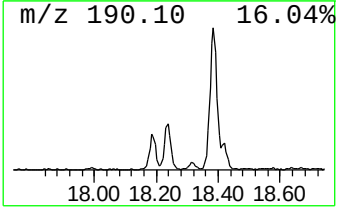












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046397.D
Acq On : 21 Aug 2020 4:00
Operator : CG/JU
Sample : L3635-07
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMH3

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

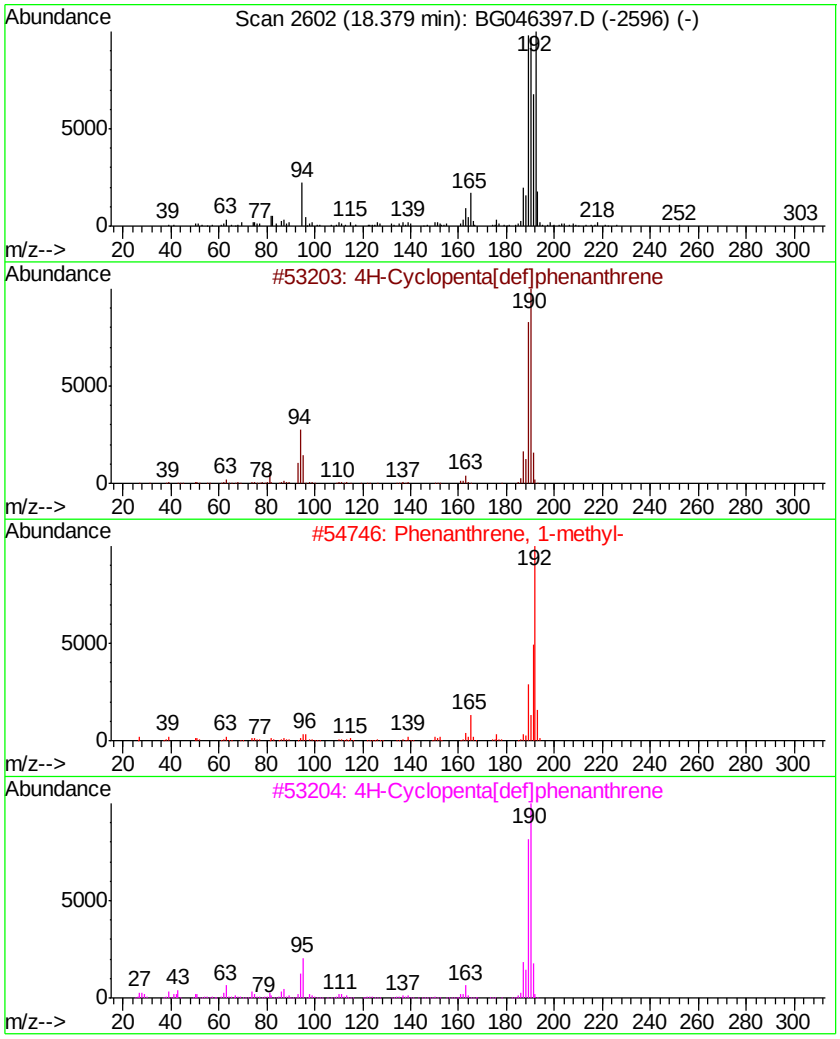
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

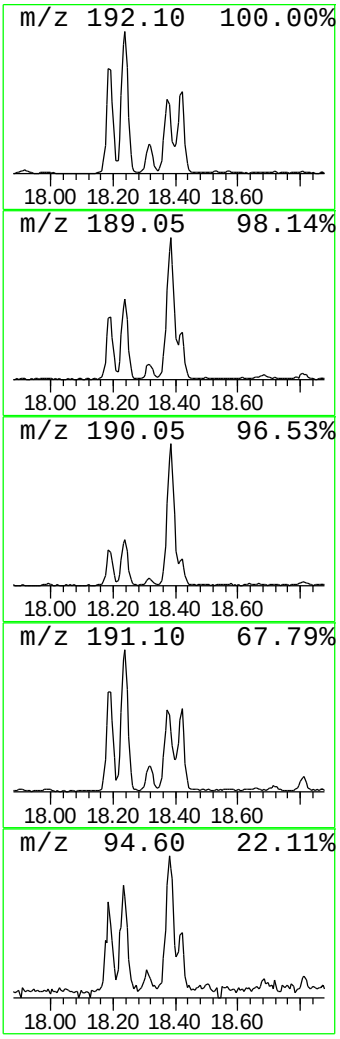
****

Peak Number 16 4H-Cyclopenta[def]phenanthrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	4.78 ng/ul	276835	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	46
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	46





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046397.D
Acq On : 21 Aug 2020 4:00
Operator : CG/JU
Sample : L3635-07
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMH3

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

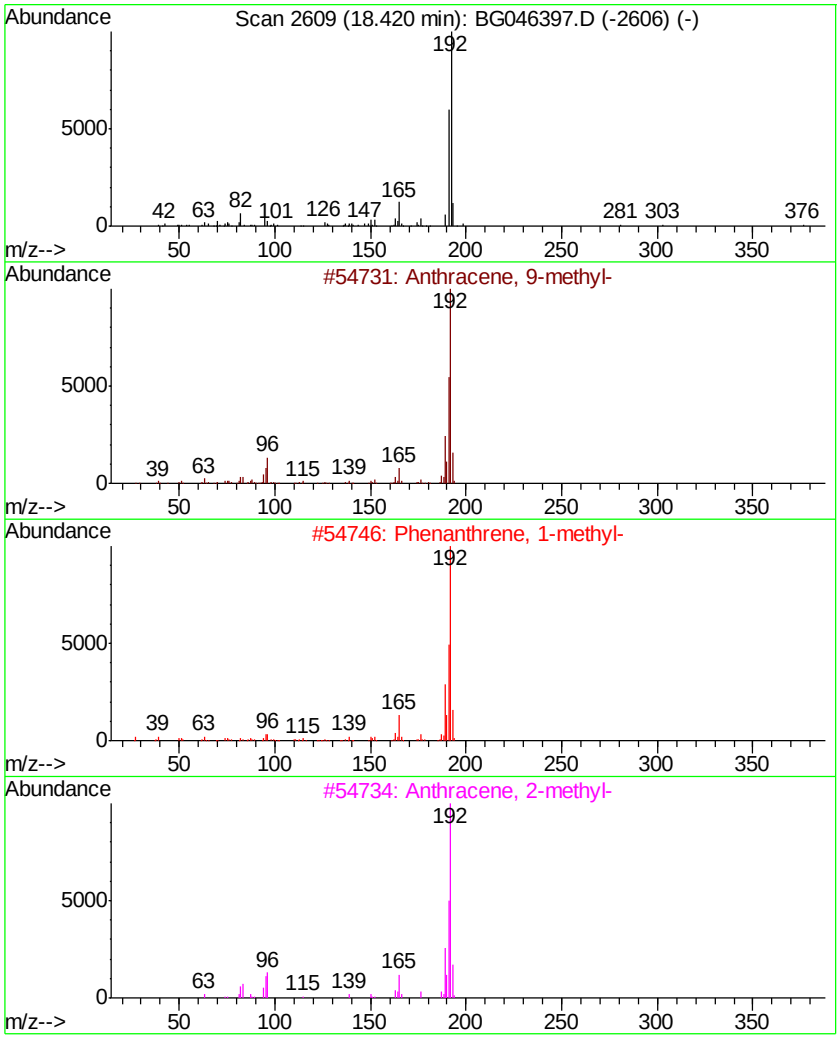
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

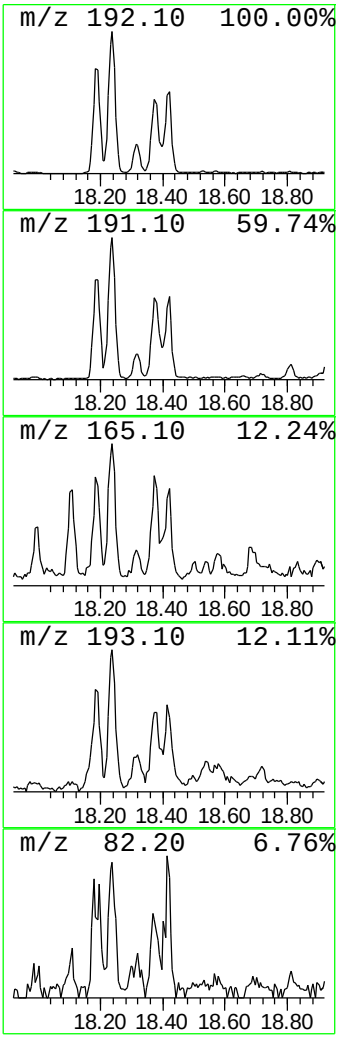
****

Peak Number 17 Anthracene, 9-methyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	2.10 ng/ul	121675	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	86
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	80
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	80
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	80
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046397.D
Acq On : 21 Aug 2020 4:00
Operator : CG/JU
Sample : L3635-07
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMH3

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

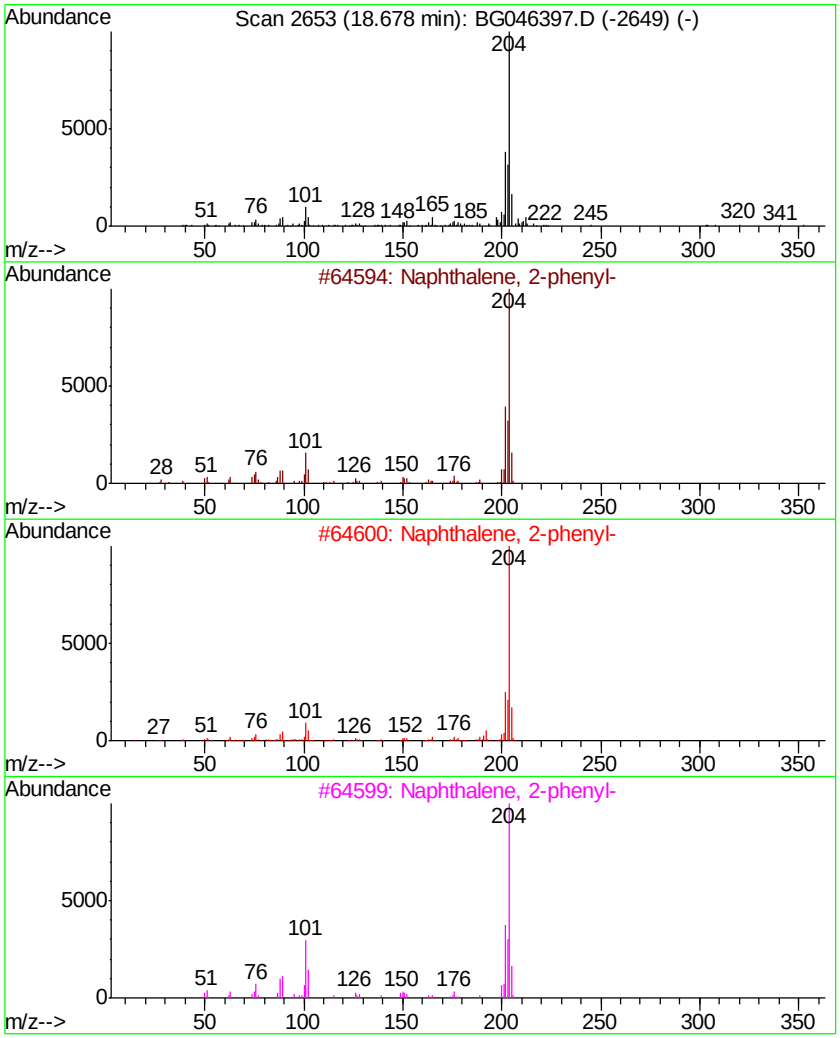
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

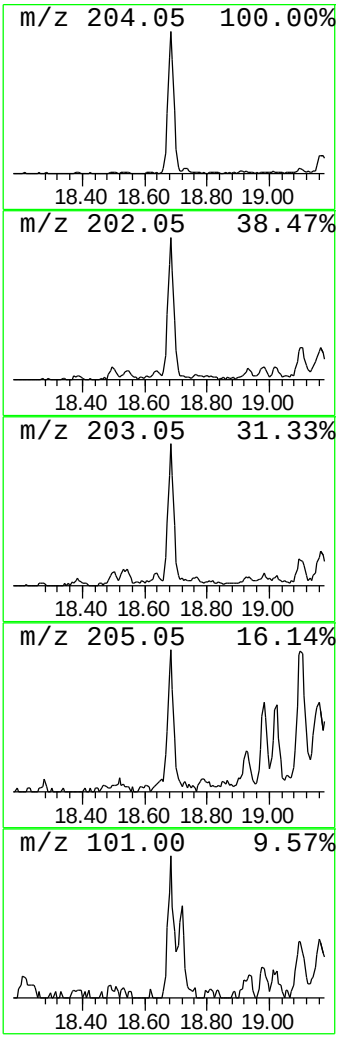
****

Peak Number 18 Naphthalene, 2-phenyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.68	2.95 ng/ul	170689	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046397.D
Acq On : 21 Aug 2020 4:00
Operator : CG/JU
Sample : L3635-07
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMH3

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

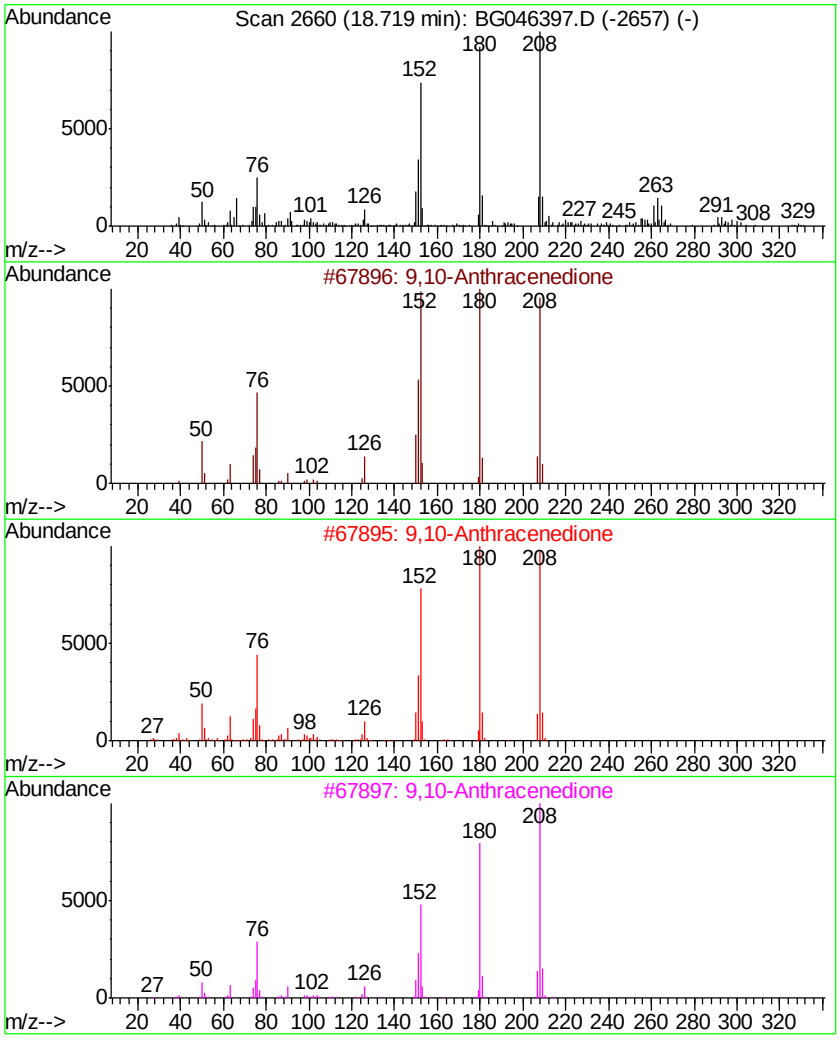
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

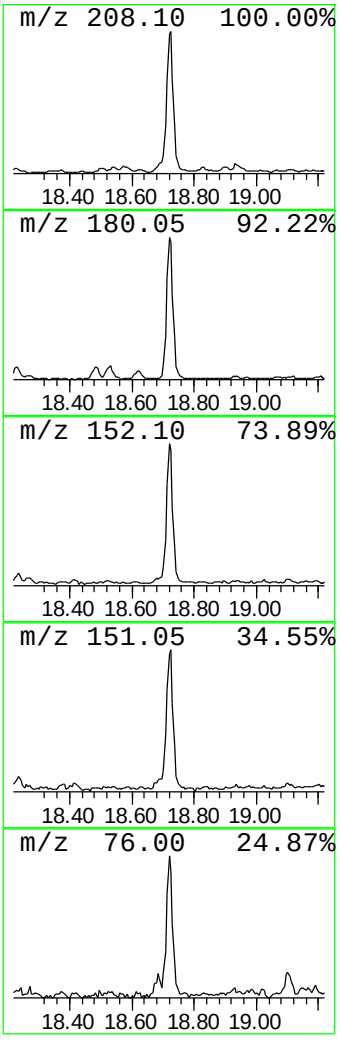
****

Peak Number 19 9,10-Anthracenedione Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.72	6.33 ng/ul	366107	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	96
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	78
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046397.D
Acq On : 21 Aug 2020 4:00
Operator : CG/JU
Sample : L3635-07
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMH3

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

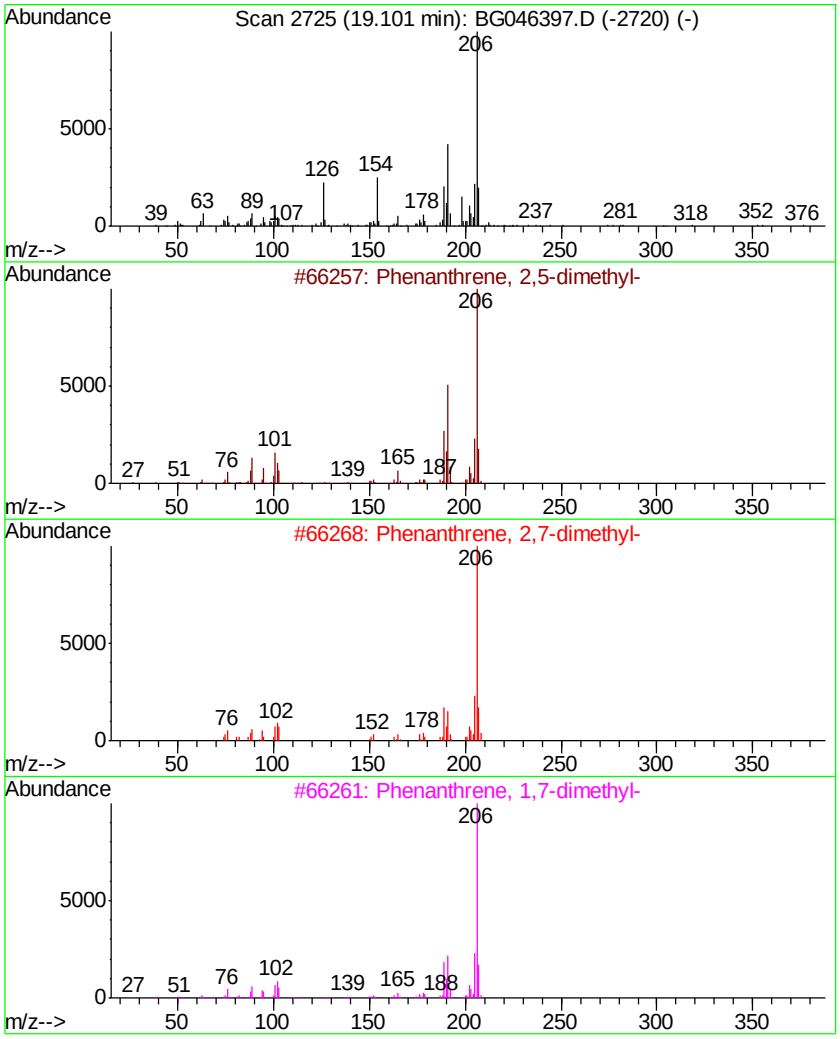
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

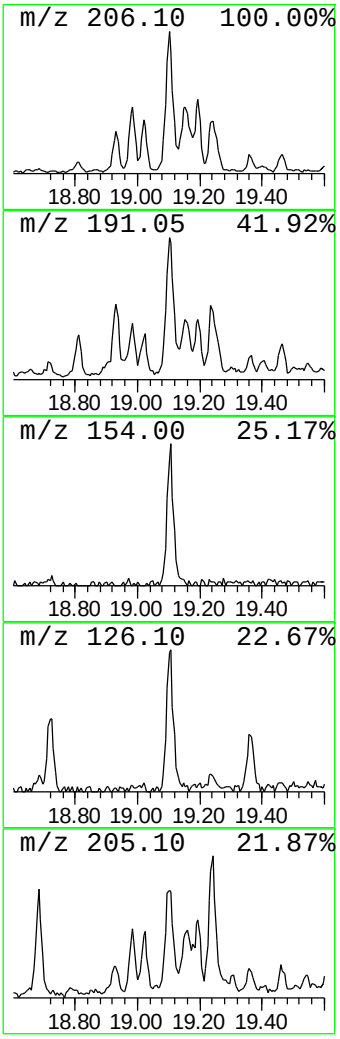
****

Peak Number 20 Phenanthrene, 2,5-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.10	3.11 ng/ul	179920	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	89
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	78
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	78
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	70
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	70





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046397.D
Acq On : 21 Aug 2020 4:00
Operator : CG/JU
Sample : L3635-07
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMH3

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

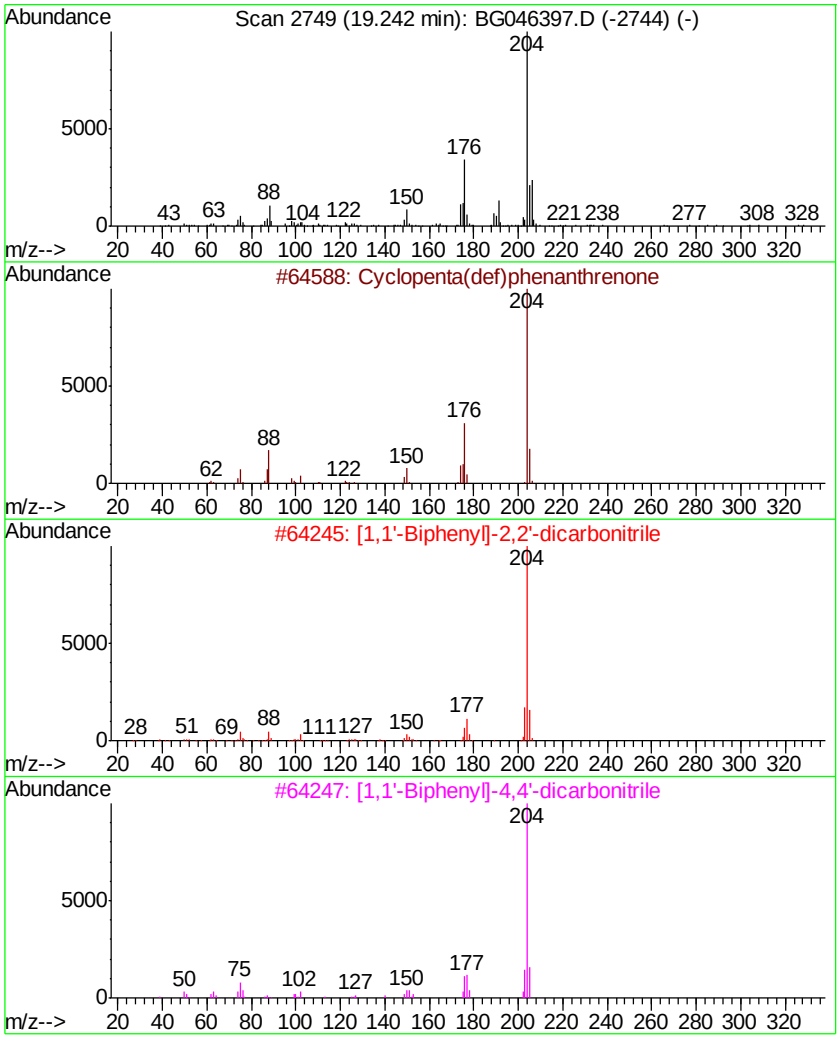
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

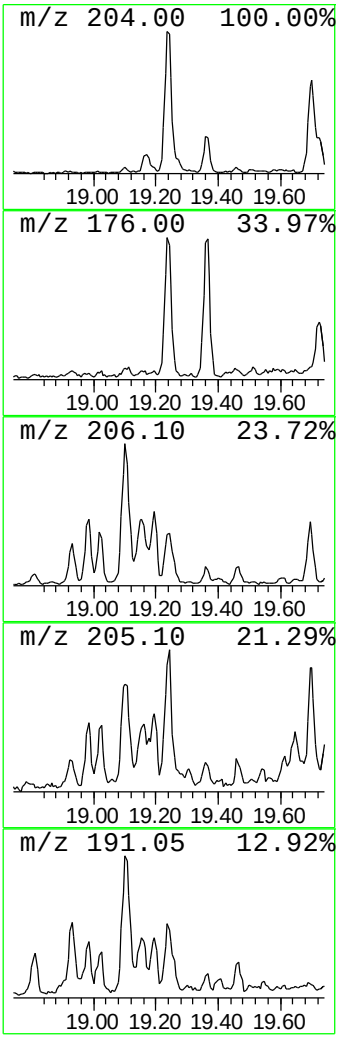
****

Peak Number 21 Cyclopenta(def)phenanthrenone Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.24	3.48 ng/ul	201458	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	50
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	50
4	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	47
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	46





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046397.D
Acq On : 21 Aug 2020 4:00
Operator : CG/JU
Sample : L3635-07
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMH3

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

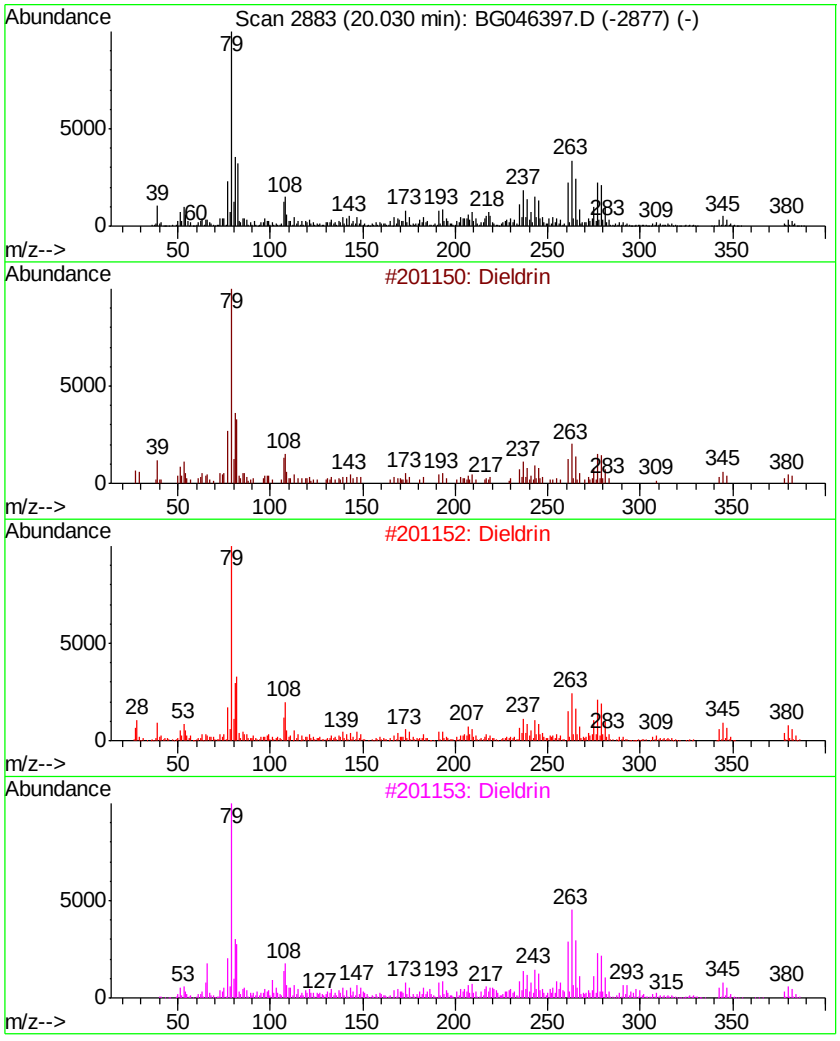
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

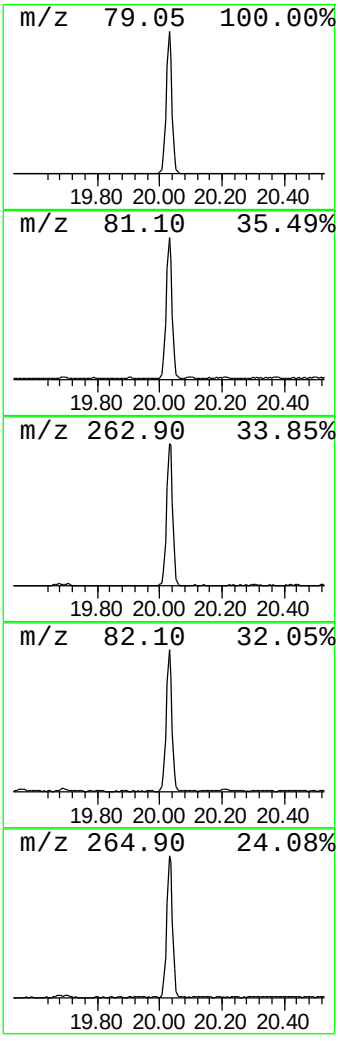
****

Peak Number 22 Dieldrin Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.03	26.69 ng/ul	3157170	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dieldrin	378	C12H8Cl6O	000060-57-1	99
2	Dieldrin	378	C12H8Cl6O	000060-57-1	95
3	Dieldrin	378	C12H8Cl6O	000060-57-1	95
4	Dieldrin	378	C12H8Cl6O	000060-57-1	95
5	1,2,3,4,10,10-Hexachloro-6,7-epo...	378	C12H8Cl6O	056816-04-7	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046397.D
Acq On : 21 Aug 2020 4:00
Operator : CG/JU
Sample : L3635-07
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMH3

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

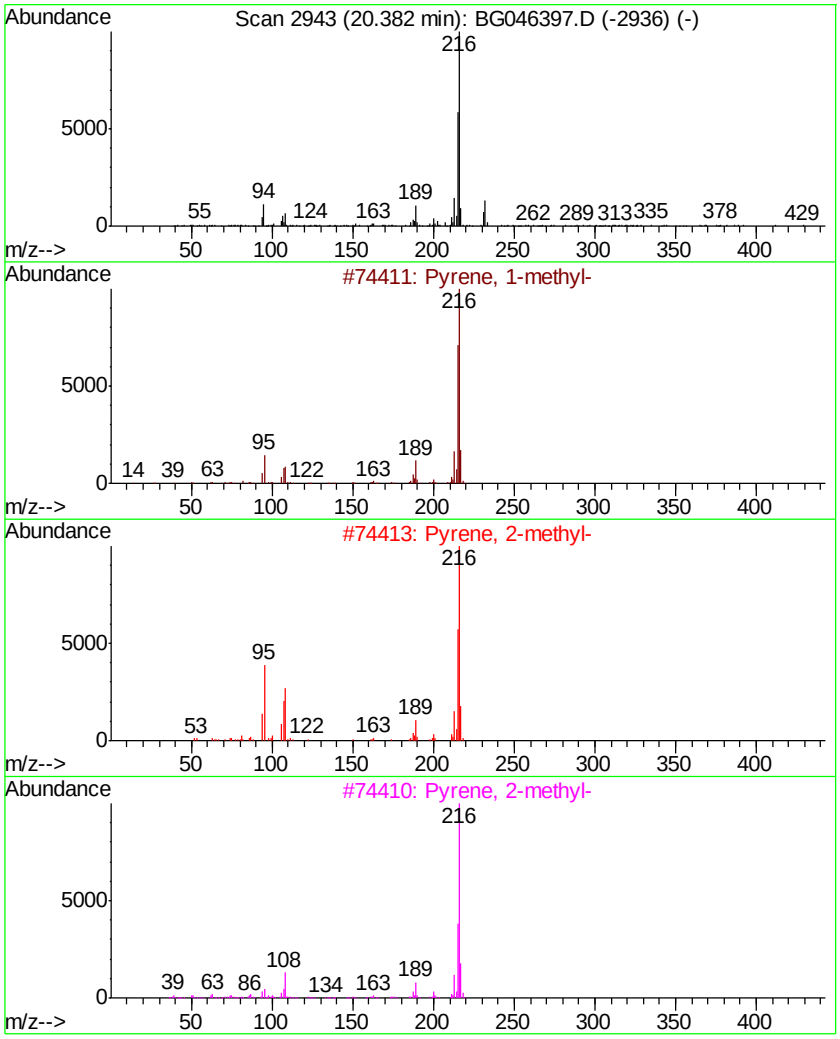
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

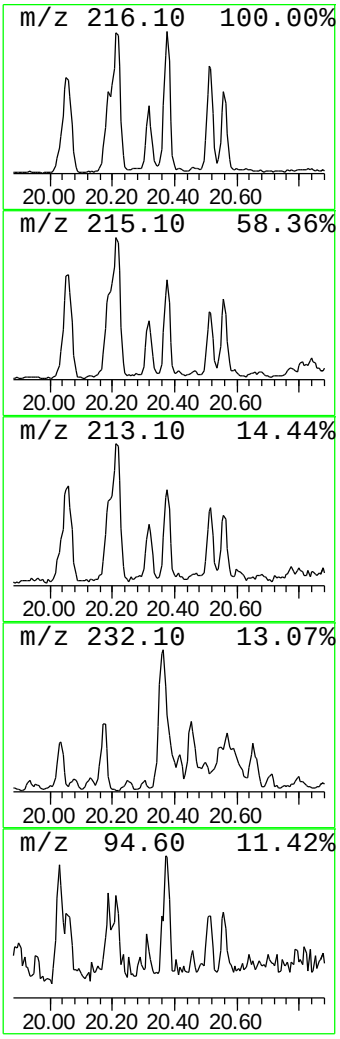
****

Peak Number 23 Pyrene, 1-methyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.38	2.09 ng/ul	246692	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	81
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046397.D
Acq On : 21 Aug 2020 4:00
Operator : CG/JU
Sample : L3635-07
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMH3

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

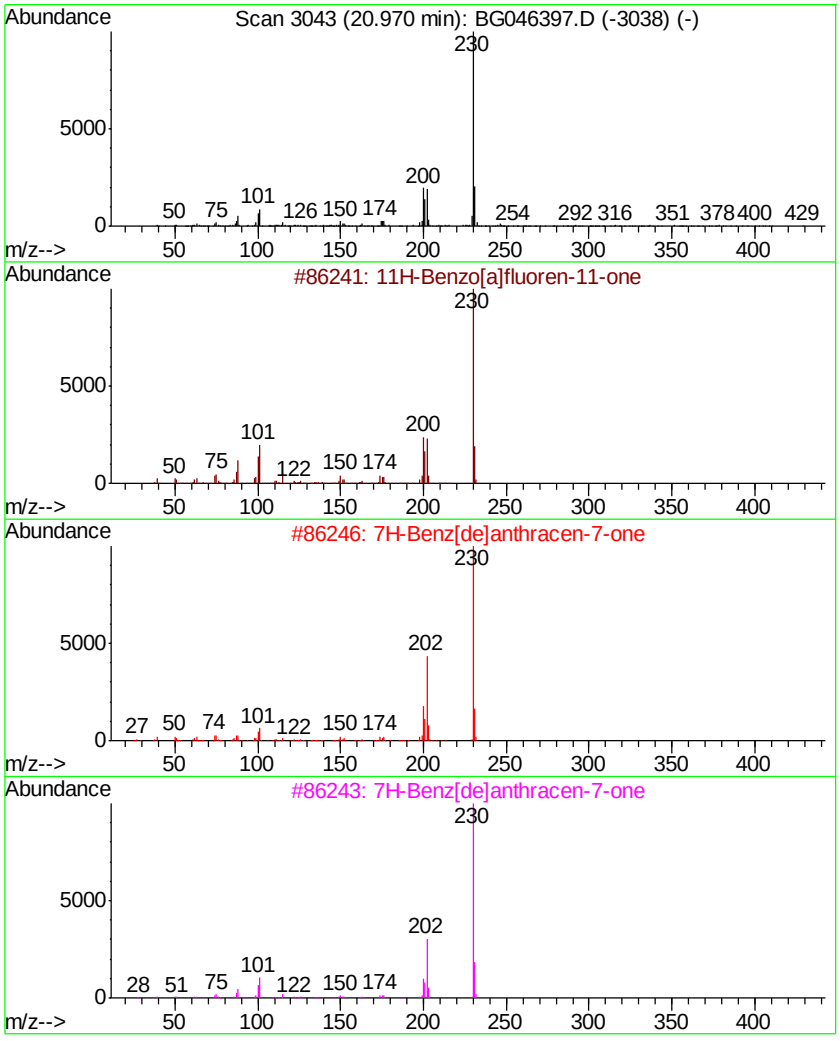
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

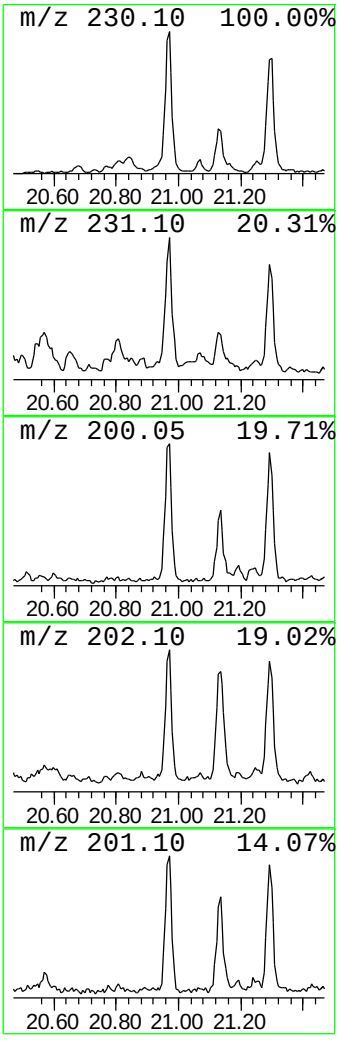
****

Peak Number 24 11H-Benzo[a]fluoren-11-one Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	2.54 ng/ul	300729	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	96
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	80
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	74





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046397.D
Acq On : 21 Aug 2020 4:00
Operator : CG/JU
Sample : L3635-07
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMH3

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

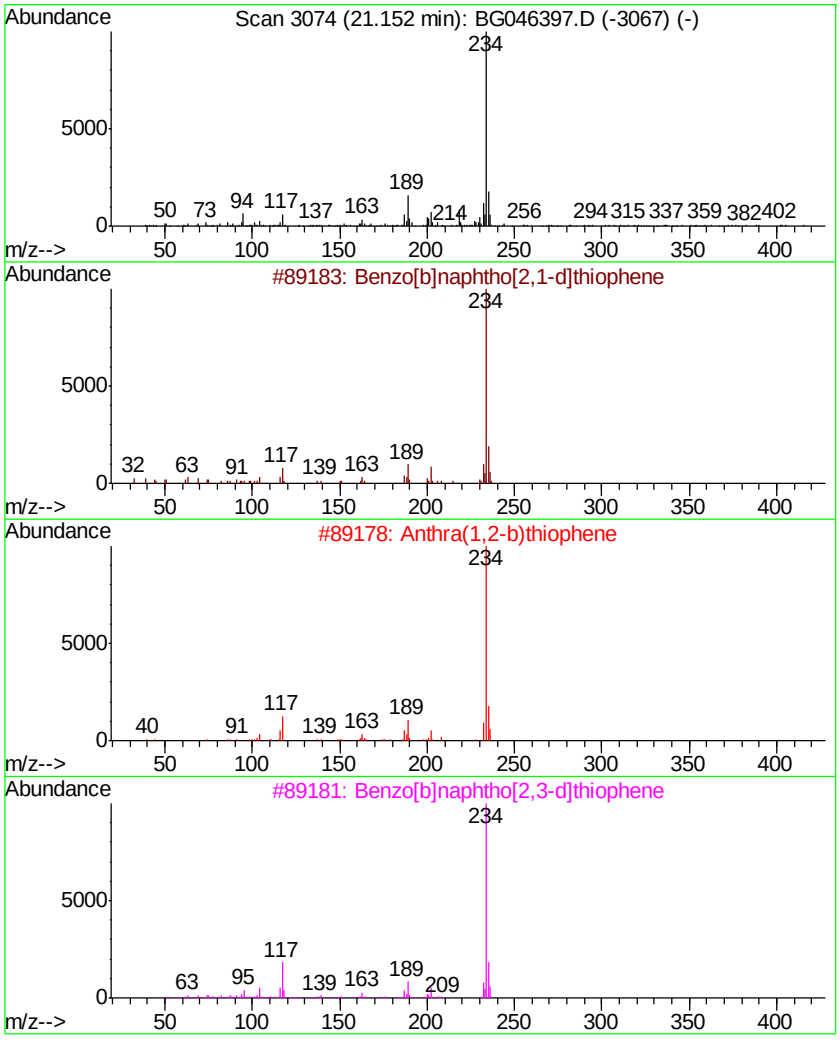
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

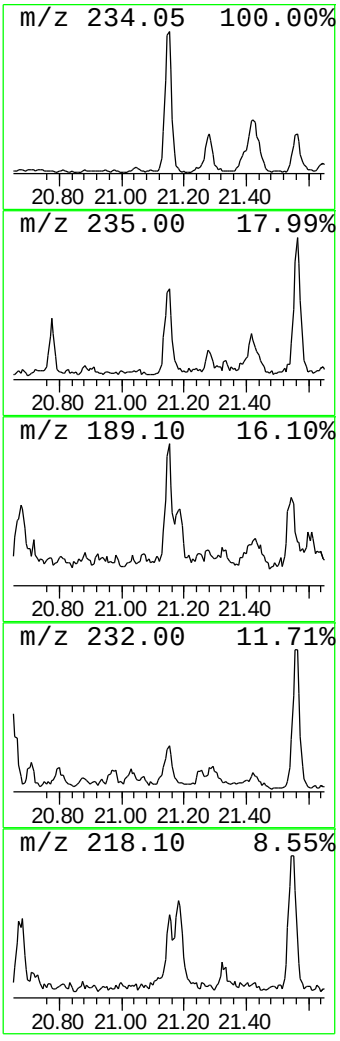
****

Peak Number 25 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.15	2.07 ng/ul	244992	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	90
2	Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	87
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	87
4	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	83
5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046397.D
Acq On : 21 Aug 2020 4:00
Operator : CG/JU
Sample : L3635-07
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMH3

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

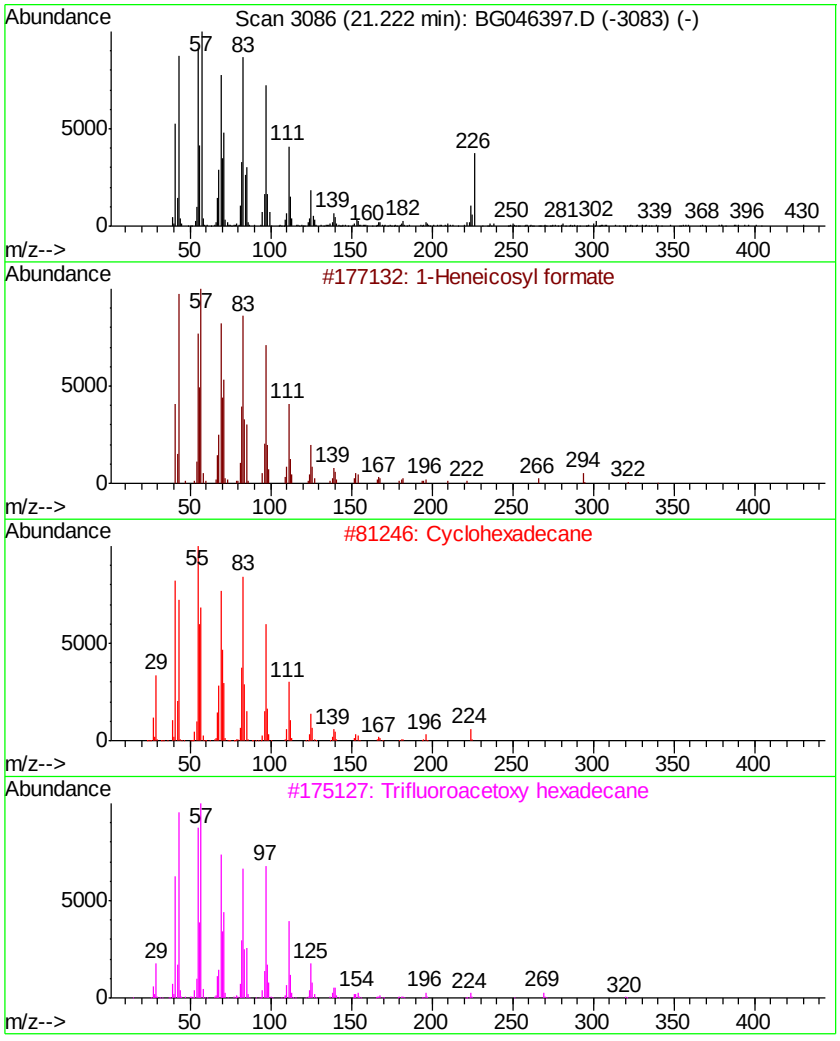
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

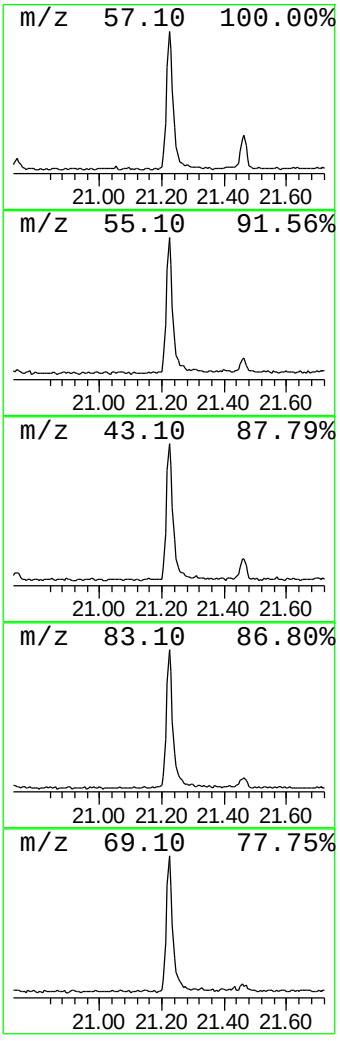
****

Peak Number 26 1-Heneicosyl formate Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.22	6.82 ng/ul	806915	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	95
2	Cyclohexadecane	224	C16H32	000295-65-8	95
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93
4	Behenic alcohol	326	C22H46O	000661-19-8	93
5	1-Heneicosanol	312	C21H44O	015594-90-8	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046397.D
Acq On : 21 Aug 2020 4:00
Operator : CG/JU
Sample : L3635-07
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMH3

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

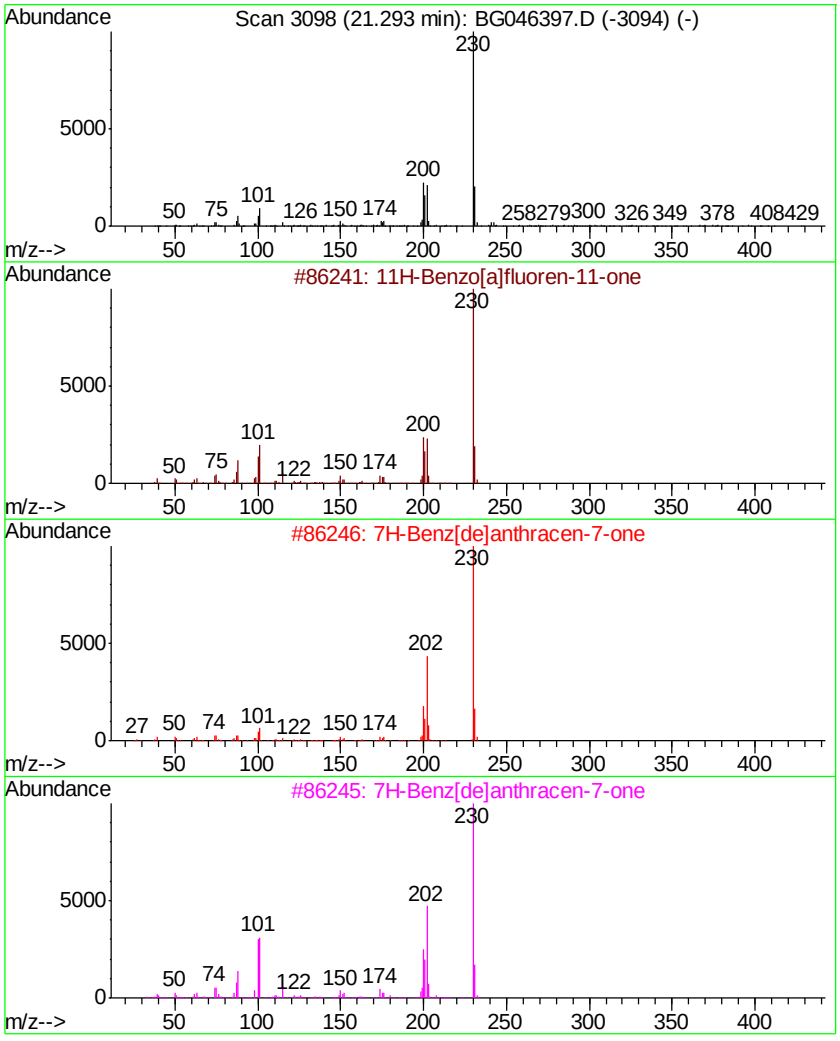
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

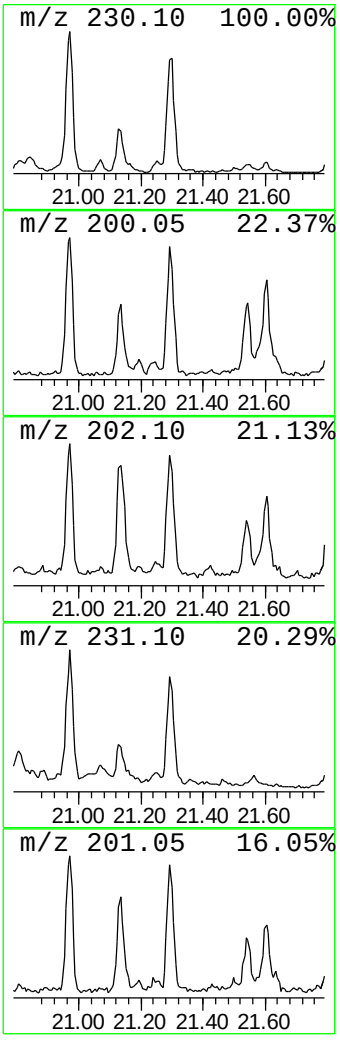
****

Peak Number 27 7H-Benz[de]anthracen-7-one Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.29	2.55 ng/ul	301485	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	74
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	68
5	o-Terphenyl	230	C18H14	000084-15-1	58





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046397.D
Acq On : 21 Aug 2020 4:00
Operator : CG/JU
Sample : L3635-07
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMH3

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

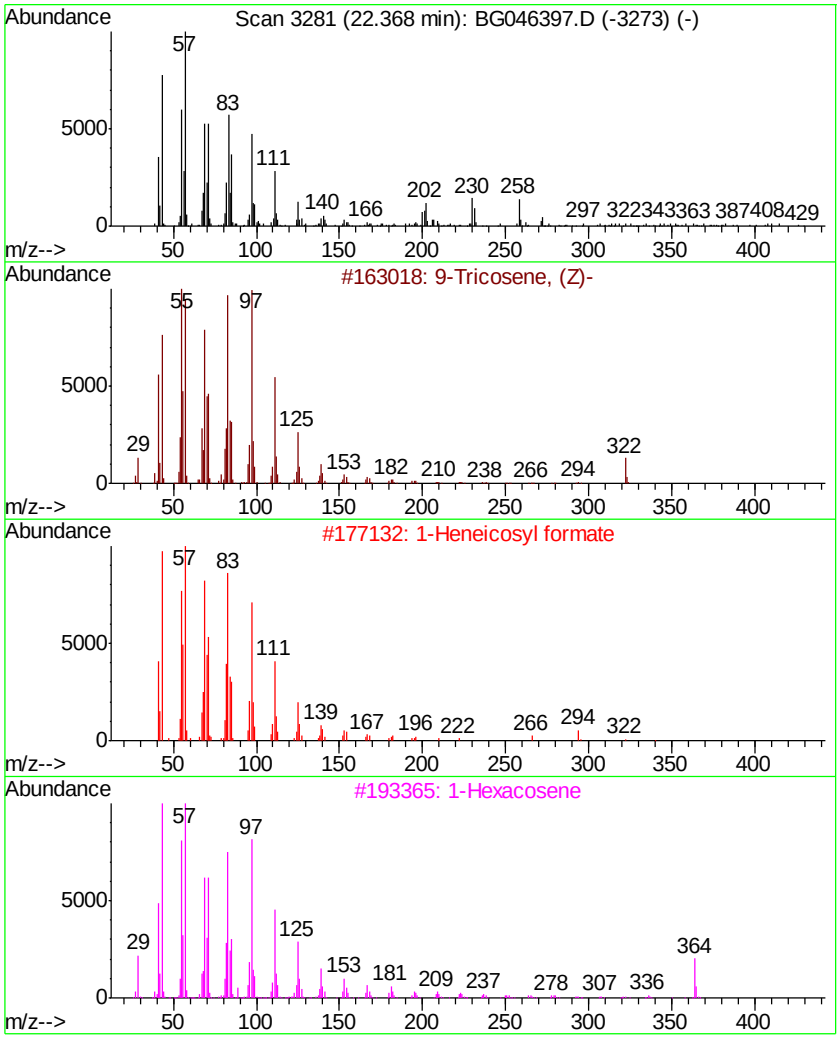
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

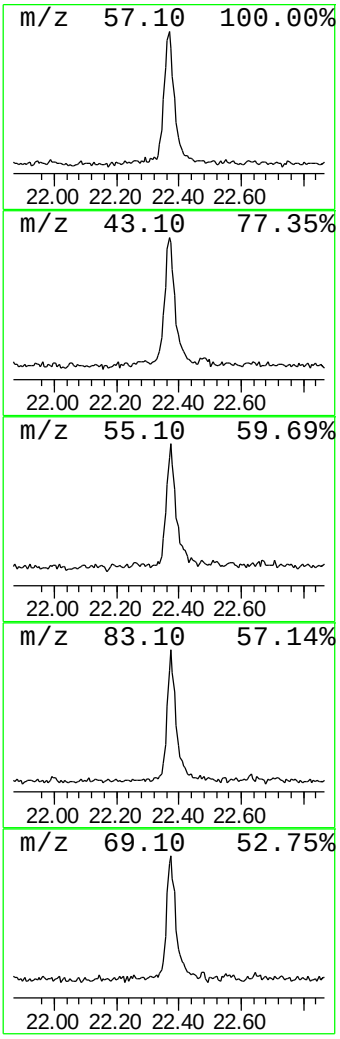
****

Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.37	3.48 ng/ul	412231	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Tricosene, (Z)-	322	C23H46	027519-02-4	93
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	93
3	1-Hexacosene	364	C26H52	018835-33-1	90
4	Z-14-Nonacosane	406	C29H58	1000131-18-9	87
5	Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046397.D
Acq On : 21 Aug 2020 4:00
Operator : CG/JU
Sample : L3635-07
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMH3

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

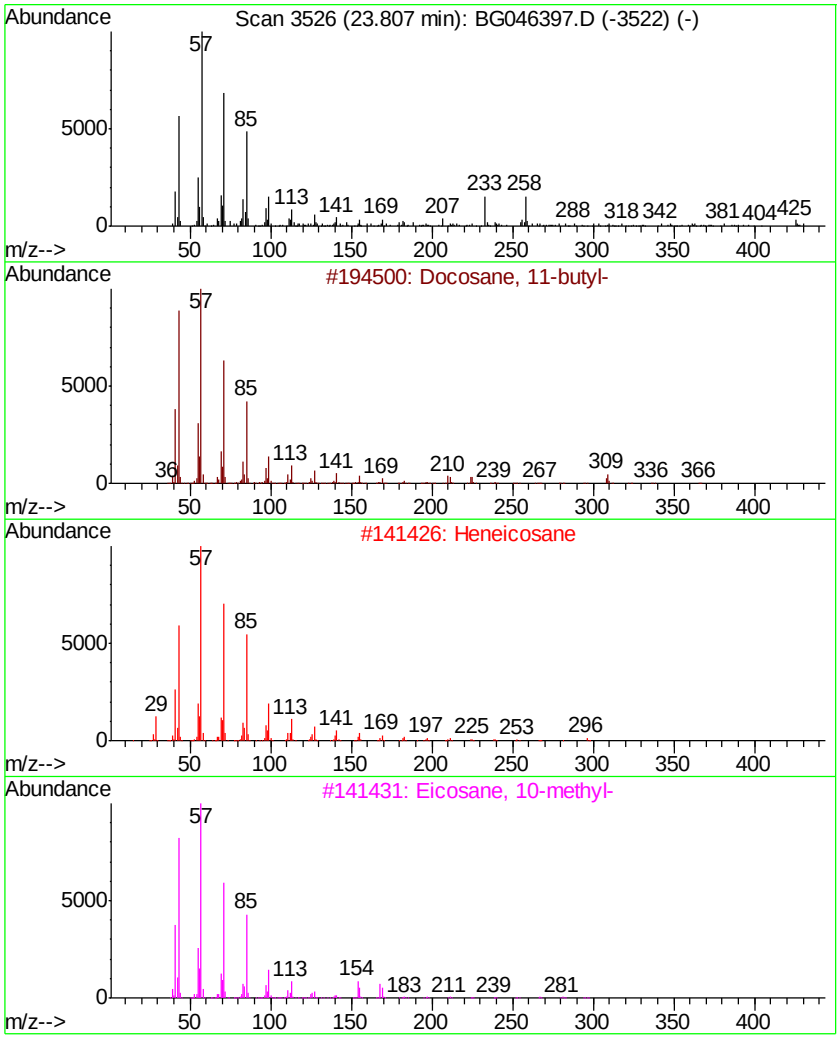
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

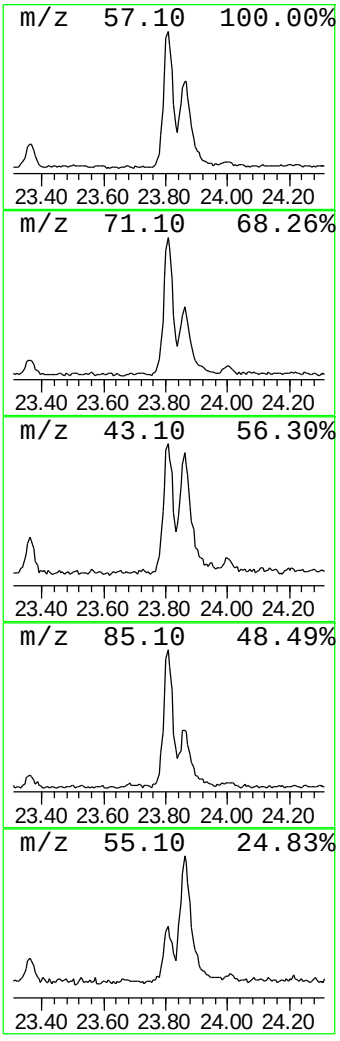
****

Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.81	2.99 ng/ul	185980	Perylene-d12	24.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 11-butyl-	366	C26H54	013475-76-8	81
2	Heneicosane	296	C21H44	000629-94-7	81
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	81
4	Docosane	310	C22H46	000629-97-0	74
5	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	74





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046397.D
Acq On : 21 Aug 2020 4:00
Operator : CG/JU
Sample : L3635-07
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMH3

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

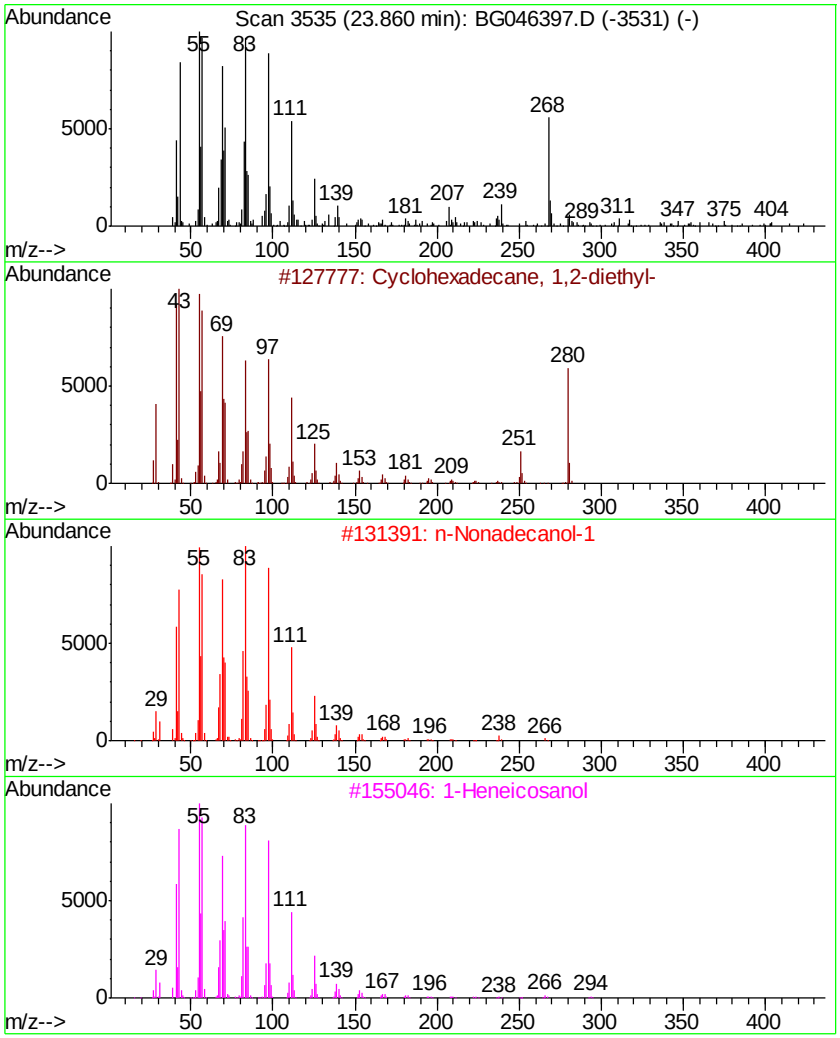
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

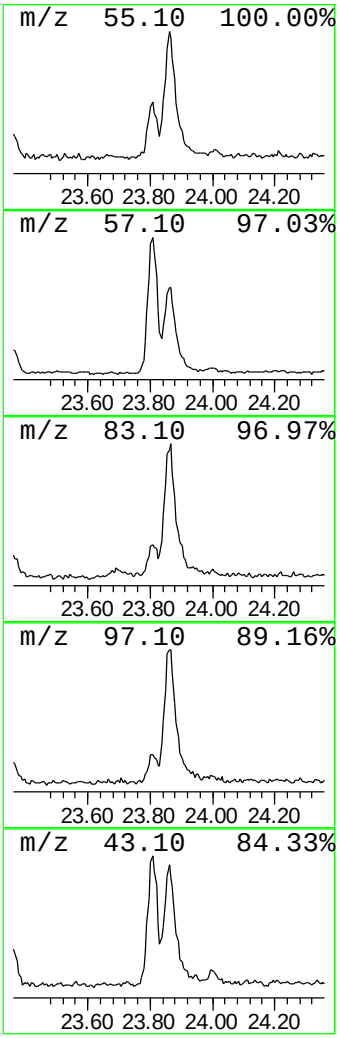
****

Peak Number 30 (DEL) Alkane: Cyclic23.86 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.86	5.54 ng/ul	344207	Perylene-d12	24.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	99
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	93
3	1-Heneicosanol	312	C21H44O	015594-90-8	93
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
5	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046397.D
Acq On : 21 Aug 2020 4:00
Operator : CG/JU
Sample : L3635-07
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMH3

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

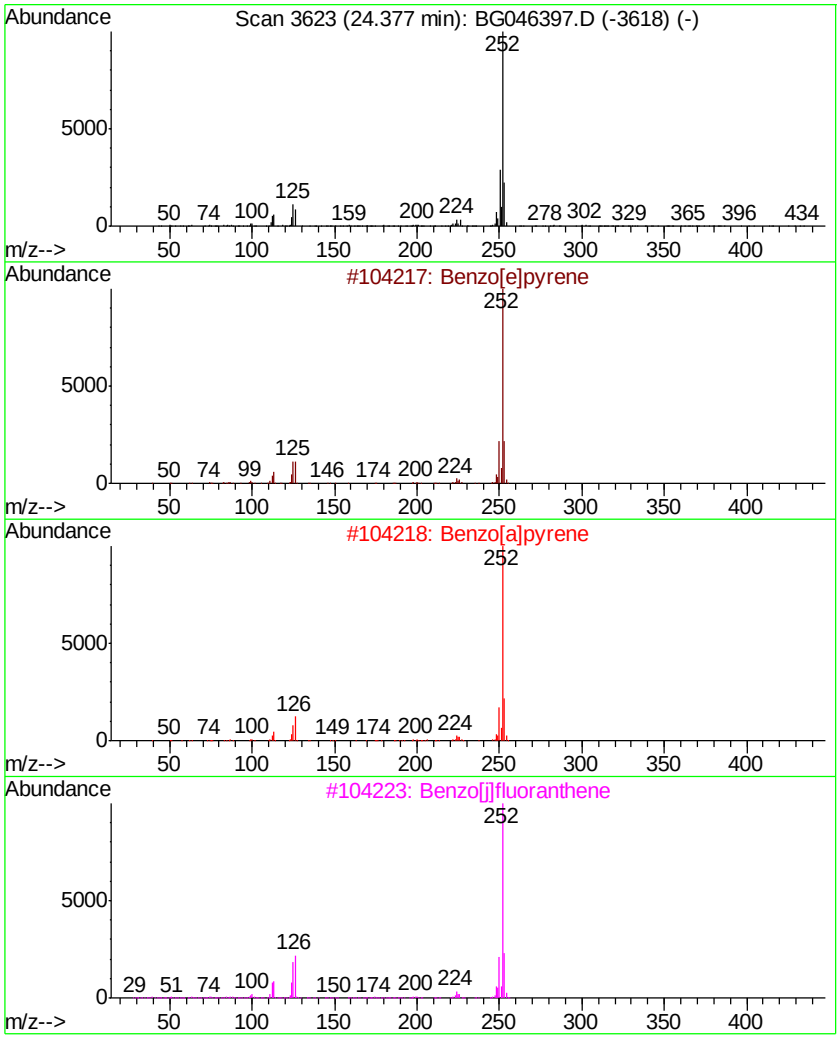
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

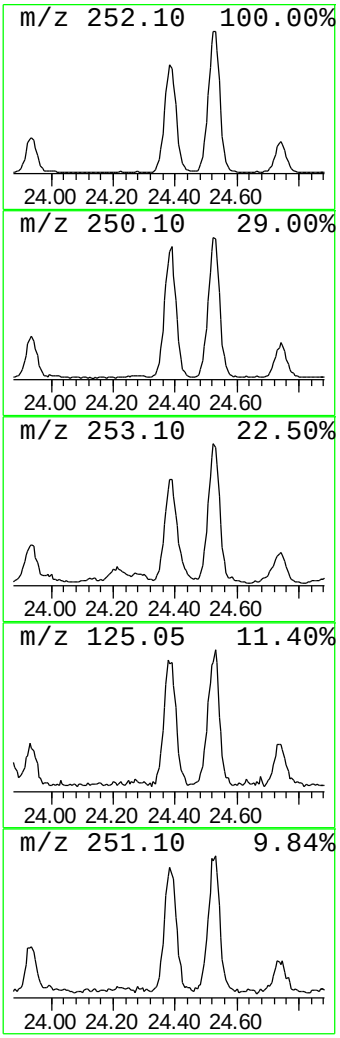
****

Peak Number 31 Benzo[e]pyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.38	8.17 ng/ul	507172	Perylene-d12	24.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[a]pyrene	252	C20H12	000050-32-8	94
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046397.D
Acq On : 21 Aug 2020 4:00
Operator : CG/JU
Sample : L3635-07
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMH3

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

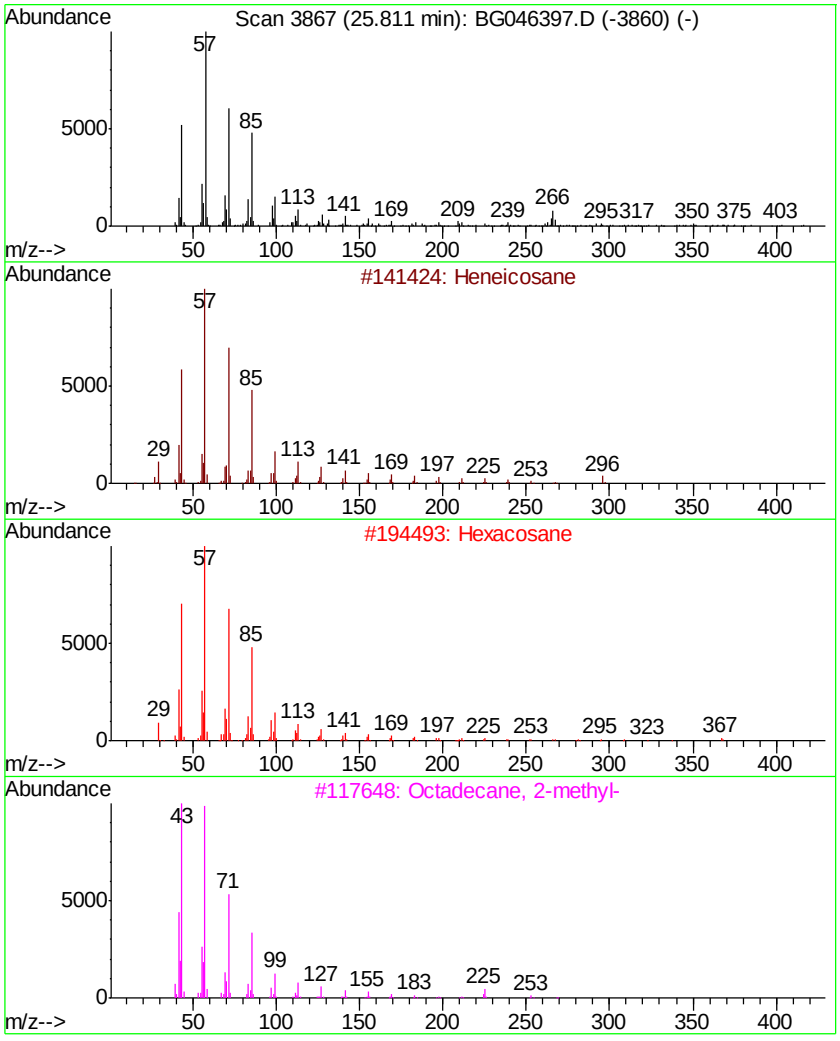
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

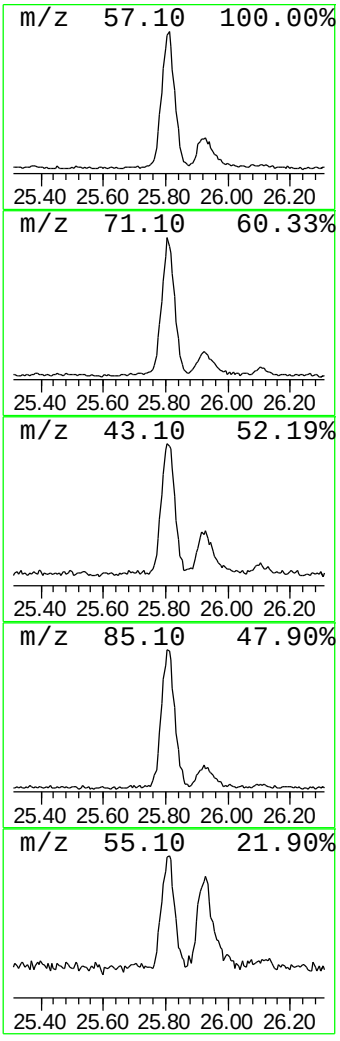
****

Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.81	7.64 ng/ul	474598	Perylene-d12	24.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Hexacosane	366	C26H54	000630-01-3	93
3	Octadecane, 2-methyl-	268	C19H40	001560-88-9	91
4	Heptadecane, 8,8-dipentyl-	380	C27H56	055282-28-5	87
5	Heneicosane	296	C21H44	000629-94-7	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081920\
Data File : BG046397.D
Acq On : 21 Aug 2020 4:00
Operator : CG/JU
Sample : L3635-07
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMH3

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	121.9	ng/ul	2670820	1	7.94	438215	20.0
4H-Imidazol-4-one...	7.11	17.9	ng/ul	391335	1	7.94	438215	20.0
unknown-01	7.27	13.2	ng/ul	290058	1	7.94	438215	20.0
unknown-02	7.47	17.9	ng/ul	391305	1	7.94	438215	20.0
unknown-03	8.65	21.1	ng/ul	463457	1	7.94	438215	20.0
unknown-04	9.10	16.8	ng/ul	368776	1	7.94	438215	20.0
unknown-05	9.82	9.5	ng/ul	317094	2	10.73	669462	20.0
unknown-06	10.87	10.0	ng/ul	335912	2	10.73	669462	20.0
unknown-07	13.97	16.4	ng/ul	788522	3	14.57	962600	20.0
Phthalic acid, 4-...	14.02	2.5	ng/ul	119123	3	14.57	962600	20.0
unknown-08	14.77	5.7	ng/ul	272052	3	14.57	962600	20.0
unknown-09	15.68	5.1	ng/ul	245820	3	14.57	962600	20.0
9H-Fluoren-9-one	16.96	2.3	ng/ul	130186	4	17.31	1157460	20.0
Phenanthrene, 1-m...	18.19	4.3	ng/ul	250164	4	17.31	1157460	20.0
Anthracene, 1-met...	18.24	4.6	ng/ul	264430	4	17.31	1157460	20.0
4H-Cyclopenta[def...	18.38	4.8	ng/ul	276835	4	17.31	1157460	20.0
Anthracene, 9-met...	18.42	2.1	ng/ul	121675	4	17.31	1157460	20.0
Naphthalene, 2-ph...	18.68	3.0	ng/ul	170689	4	17.31	1157460	20.0
9,10-Anthracenedione	18.72	6.3	ng/ul	366107	4	17.31	1157460	20.0
Phenanthrene, 2,5...	19.10	3.1	ng/ul	179920	4	17.31	1157460	20.0
Cyclopenta(def)ph...	19.24	3.5	ng/ul	201458	4	17.31	1157460	20.0
Dieldrin	20.03	26.7	ng/ul	3157170	5	21.56	2366190	20.0
Pyrene, 1-methyl-	20.38	2.1	ng/ul	246692	5	21.56	2366190	20.0
11H-Benzo[a]fluor...	20.97	2.5	ng/ul	300729	5	21.56	2366190	20.0
Benzo[b]naphtho[2...	21.15	2.1	ng/ul	244992	5	21.56	2366190	20.0
1-Heneicosyl formate	21.22	6.8	ng/ul	806915	5	21.56	2366190	20.0
7H-Benz[de]anthra...	21.29	2.5	ng/ul	301485	5	21.56	2366190	20.0
(DEL) Alkane: Str...	22.37	3.5	ng/ul	412231	5	21.56	2366190	20.0
(DEL) Alkane: Str...	23.81	3.0	ng/ul	185980	6	24.68	1242310	20.0
(DEL) Alkane: Cyc...	23.86	5.5	ng/ul	344207	6	24.68	1242310	20.0
Benzo[e]pyrene	24.38	8.2	ng/ul	507172	6	24.68	1242310	20.0
(DEL) Alkane: Str...	25.81	7.6	ng/ul	474598	6	24.68	1242310	20.0