LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046311.D
Acq On : 18 Aug 2020 1:17
Operator : CG/JU
Sample : L3632-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM92

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	3.144	4	9	29	rVB	1225875	1896314	76.74%	6.366%
2	3.919	135	141	146	rBV	19829	31365	1.27%	0.105%
3	5.053	328	334	341	rVB	12765	21101	0.85%	0.071%
4	7.109	677	684	694	rBV	85960	156073	6.32%	0.524%
5	7.268	705	711	723	rVB	78556	132692	5.37%	0.445%
6	7.474	740	746	754	rBV	95181	166290	6.73%	0.558%
7	7.544	754	758	771	rVB4	12460	30810	1.25%	0.103%
8	7.938	819	825	835	rBV	247643	427511	17.30%	1.435%
9	8.649	937	946	953	rVV	106592	190555	7.71%	0.640%
10	9.090	1015	1021	1034	rVB	90934	168295	6.81%	0.565%
11	9.818	1138	1145	1153	rBV	76714	141151	5.71%	0.474%
12	10.359	1229	1237	1249	rBV	115692	216124	8.75%	0.726%
13	10.735	1291	1301	1307	rBV	376689	680318	27.53%	2.284%
14	10.788	1307	1310	1317	rVB	56759	87322	3.53%	0.293%
15	10.864	1317	1323	1336	rBV	70921	148801	6.02%	0.500%
16	12.397	1578	1584	1593	rBV	35721	62162	2.52%	0.209%
17	12.615	1615	1621	1627	rVB	29485	48159	1.95%	0.162%
18	13.743	1806	1813	1822	rVB4	14007	34584	1.40%	0.116%
19	13.890	1833	1838	1843	rBV3	24729	43042	1.74%	0.145%
20	13.972	1843	1852	1856	rVV	289826	430870	17.44%	1.447%
21	14.019	1856	1860	1866	rVB	145178	208834	8.45%	0.701%
22	14.125	1872	1878	1882	rBV2	11579	20220	0.82%	0.068%
23	14.260	1891	1901	1912	rBV	288861	503422	20.37%	1.690%
24	14.565	1943	1953	1960	rBV	634964	1042590	42.19%	3.500%
25	14.630	1960	1964	1972	rVV	65129	99783	4.04%	0.335%
26	14.765	1982	1987	2000	rBV3	51967	109673	4.44%	0.368%
27	14.965	2015	2021	2029	rVV	56744	94380	3.82%	0.317%
28	15.047	2029	2035	2040	rVV2	13156	21408	0.87%	0.072%
29	15.359	2081	2088	2092	rBV6	11131	24071	0.97%	0.081%
30	15.558	2115	2122	2127	rVV	423783	631722	25.56%	2.121%
31	15.611	2127	2131	2137	rVV2	71861	113169	4.58%	0.380%
32	15.676	2137	2142	2150	rVV	86497	150747	6.10%	0.506%
33	15.741	2150	2153	2156	rVV4	13618	20812	0.84%	0.070%
34	15.776	2156	2159	2164	rVV6	14529	26478	1.07%	0.089%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046311.D
Acq On : 18 Aug 2020 1:17
Operator : CG/JU
Sample : L3632-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM92

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	15.911	2177	2182	2192	rVB	36892	60621	2.45%	0.204%
36	16.058	2201	2207	2214	rVB	35820	76521	3.10%	0.257%
37	16.287	2237	2246	2253	rBV7	18077	39906	1.61%	0.134%
38	16.592	2287	2298	2300	rBV2	18493	39787	1.61%	0.134%
39	16.616	2300	2302	2307	rVV4	21114	34091	1.38%	0.114%
40	16.845	2333	2341	2345	rBV5	28152	56197	2.27%	0.189%
41	16.886	2345	2348	2352	rVV3	24825	36731	1.49%	0.123%
42	16.963	2356	2361	2368	rVB	69589	116846	4.73%	0.392%
43	17.063	2370	2378	2385	rBV5	37742	111884	4.53%	0.376%
44	17.127	2385	2389	2395	rVB	46029	68271	2.76%	0.229%
45	17.309	2413	2420	2424	rBV	850898	1348873	54.58%	4.528%
46	17.350	2424	2427	2432	rVV	874998	1246060	50.42%	4.183%
47	17.409	2432	2437	2440	rVV	440340	676318	27.37%	2.271%
48	17.439	2440	2442	2449	rVV	145840	201780	8.17%	0.677%
49	17.503	2449	2453	2457	rVB3	20681	32713	1.32%	0.110%
50	17.627	2471	2474	2479	rVB4	15513	22063	0.89%	0.074%
51	17.709	2479	2488	2493	rBV2	74589	150957	6.11%	0.507%
52	17.826	2505	2508	2514	rVB2	25486	33736	1.37%	0.113%
53	17.891	2515	2519	2522	rVB2	28792	35586	1.44%	0.119%
54	17.991	2529	2536	2540	rBV7	13298	32537	1.32%	0.109%
55	18.032	2540	2543	2550	rVV5	15511	27686	1.12%	0.093%
56	18.102	2551	2555	2559	rVV3	19504	29815	1.21%	0.100%
57	18.185	2564	2569	2573	rVV	153841	262969	10.64%	0.883%
58	18.232	2573	2577	2583	rVV	229558	359145	14.53%	1.206%
59	18.314	2587	2591	2596	rVV	71497	112427	4.55%	0.377%
60	18.379	2596	2602	2606	rVV2	183090	359003	14.53%	1.205%
61	18.414	2606	2608	2615	rVB	110746	149215	6.04%	0.501%
62	18.684	2648	2654	2657	rVV	130911	196754	7.96%	0.661%
63	18.719	2657	2660	2666	rVB	139831	194667	7.88%	0.654%
64	18.808	2672	2675	2681	rVB2	17262	27821	1.13%	0.093%
65	18.931	2692	2696	2700	rVV	53243	73490	2.97%	0.247%
66	18.978	2701	2704	2707	rVV	42280	53965	2.18%	0.181%
67	19.019	2707	2711	2715	rVB2	44643	60698	2.46%	0.204%
68	19.101	2720	2725	2729	rBV	115687	193876	7.85%	0.651%
69	19.166	2730	2736	2738	rBV3	33387	65686	2.66%	0.221%
70	19.236	2744	2748	2757	rVB	110265	180338	7.30%	0.605%
71	19.360	2764	2769	2776	rVB	1320676	1835444	74.27%	6.162%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046311.D
Acq On : 18 Aug 2020 1:17
Operator : CG/JU
Sample : L3632-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM92

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	19.424	2777	2780	2783	rBV	34945	46290	1.87%	0.155%
73	19.460	2783	2786	2791	rVB3	38793	52184	2.11%	0.175%
74	19.513	2791	2795	2798	rBV2	49029	65246	2.64%	0.219%
75	19.607	2808	2811	2813	rBV2	26815	28610	1.16%	0.096%
76	19.695	2820	2826	2828	rBV2	730416	1146972	46.41%	3.851%
77	19.724	2828	2831	2838	rVV	1111422	1512151	61.19%	5.077%
78	19.795	2839	2843	2851	rVB2	79971	153887	6.23%	0.517%
79	19.900	2857	2861	2867	rVB	76450	119106	4.82%	0.400%
80	19.953	2868	2870	2876	rVB3	49663	70430	2.85%	0.236%
81	20.041	2879	2885	2886	rBV3	122545	186536	7.55%	0.626%
82	20.182	2905	2909	2911	rBV3	79150	136207	5.51%	0.457%
83	20.212	2911	2914	2918	rVB	189860	254246	10.29%	0.854%
84	20.312	2928	2931	2935	rBV	70432	96837	3.92%	0.325%
85	20.370	2936	2941	2946	rVB2	143672	257836	10.43%	0.866%
86	20.511	2962	2965	2969	rBV	84417	109058	4.41%	0.366%
87	20.558	2969	2973	2977	rVB	83745	117362	4.75%	0.394%
88	20.964	3038	3042	3049	rVB	174227	271334	10.98%	0.911%
89	21.140	3067	3072	3077	rBV2	90981	214483	8.68%	0.720%
90	21.193	3077	3081	3083	rVV	123096	174803	7.07%	0.587%
91	21.222	3083	3086	3093	rVV3	251917	512711	20.75%	1.721%
92	21.293	3094	3098	3104	rVB	157775	258667	10.47%	0.868%
93	21.551	3135	3142	3147	rBV3	1090271	2471247	100.00%	8.297%
94	21.598	3147	3150	3162	rVB	562714	940093	38.04%	3.156%
95	23.684	3498	3505	3512	rBV2	356680	1118603	45.26%	3.755%
96	23.855	3531	3534	3540	rVB4	65394	116391	4.71%	0.391%
97	24.377	3618	3623	3629	rVB2	141165	302656	12.25%	1.016%
98	24.448	3630	3635	3640	rVV	197299	425490	17.22%	1.428%
99	24.513	3641	3646	3654	rVB	273776	643994	26.06%	2.162%
100	24.665	3664	3672	3679	rVB2	489913	1197835	48.47%	4.021%

Sum of corrected areas: 29786590

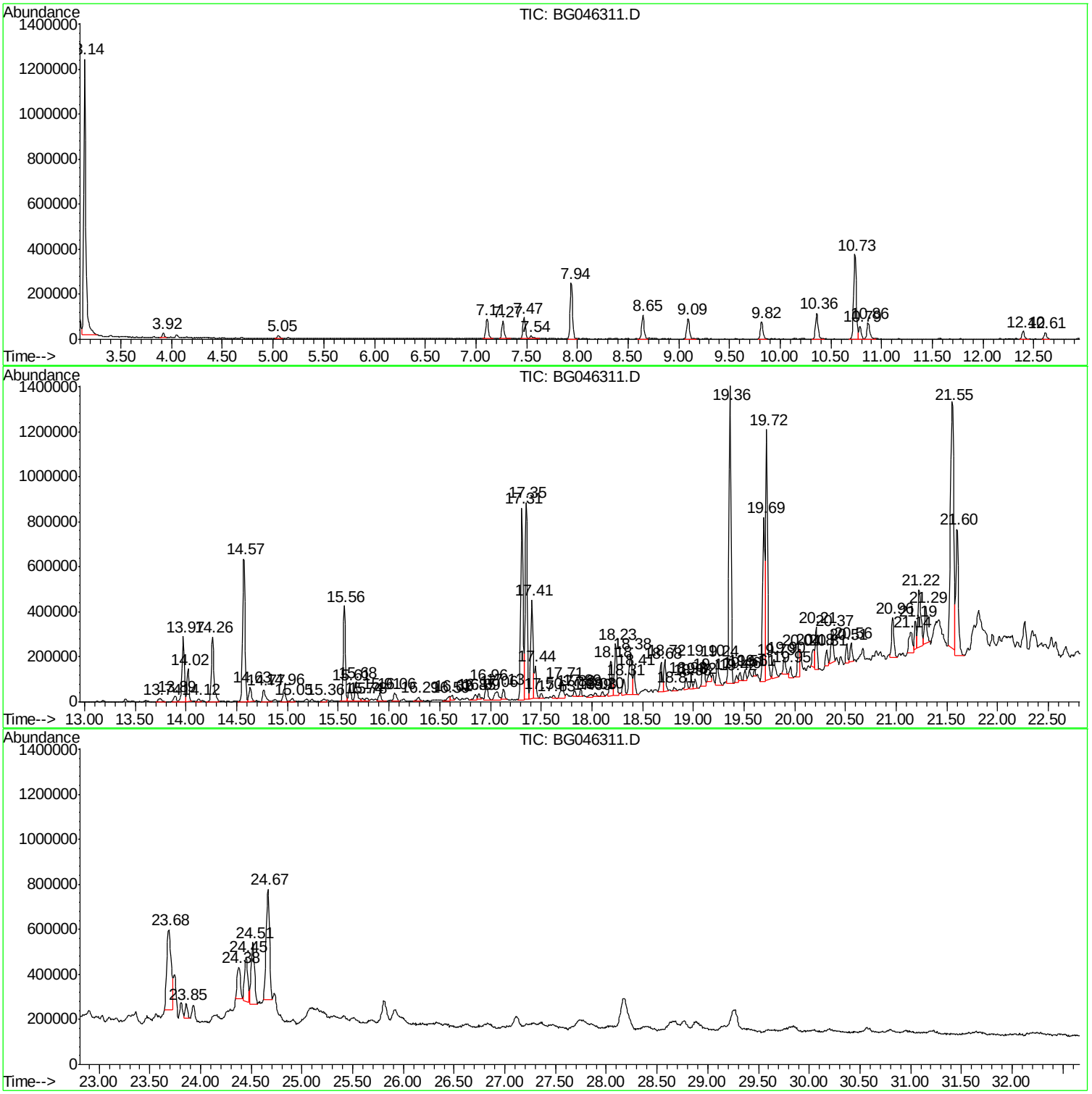
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046311.D
Acq On : 18 Aug 2020 1:17
Operator : CG/JU
Sample : L3632-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BFM92

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

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046311.D
Acq On : 18 Aug 2020 1:17
Operator : CG/JU
Sample : L3632-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM92

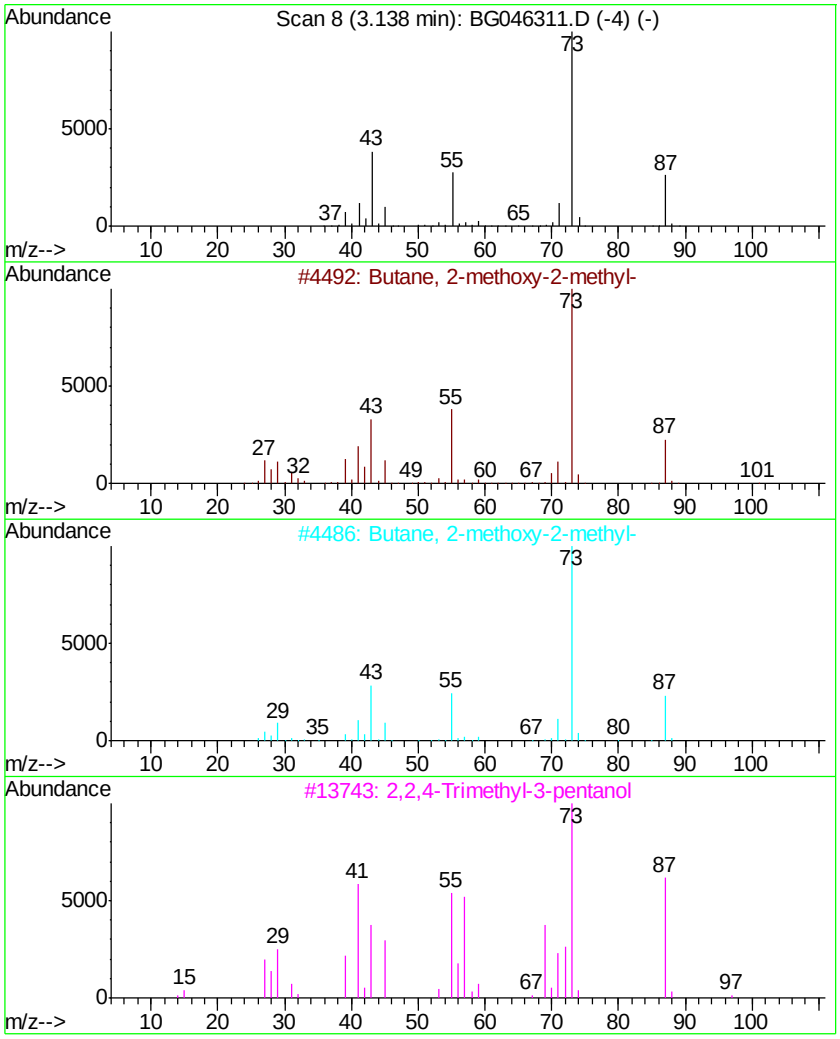
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

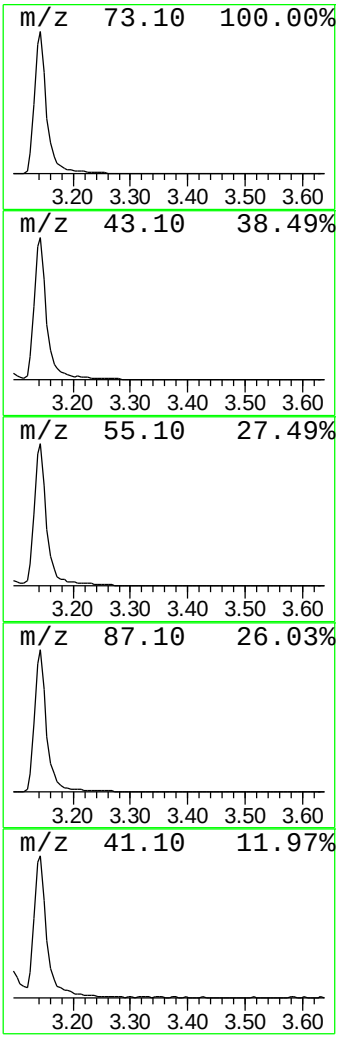
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.14	88.71 ng/ul	1896310	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	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046311.D
Acq On : 18 Aug 2020 1:17
Operator : CG/JU
Sample : L3632-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM92

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

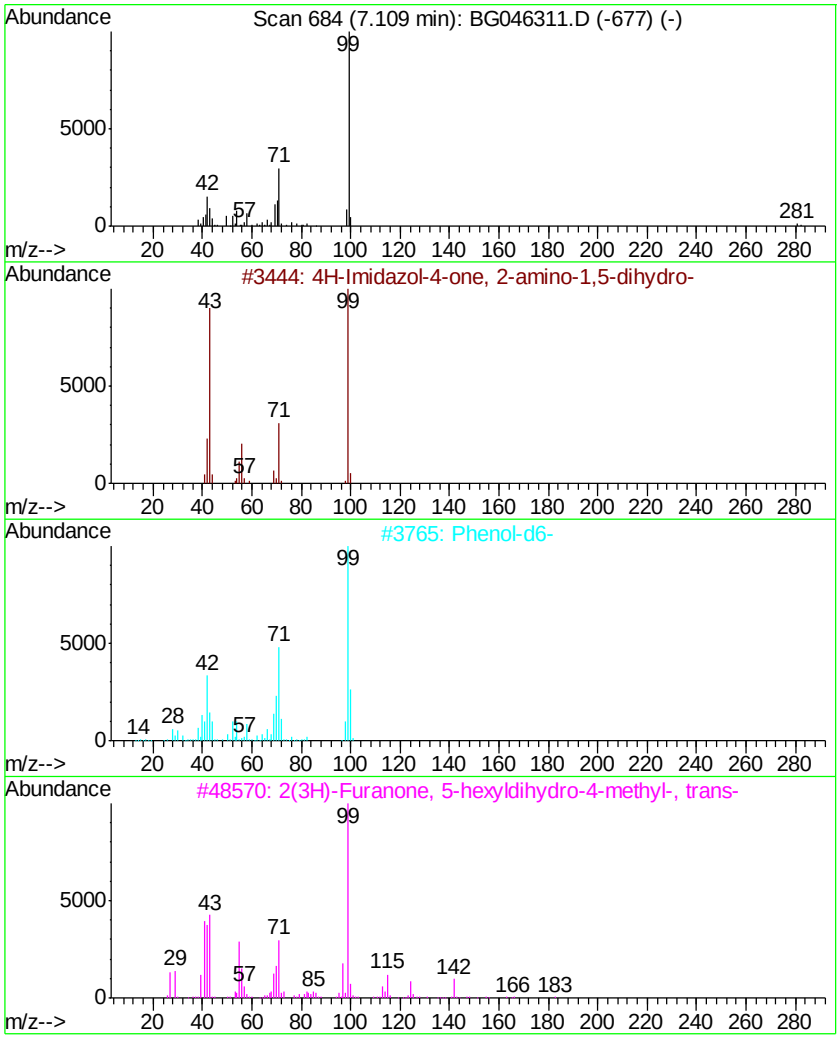
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

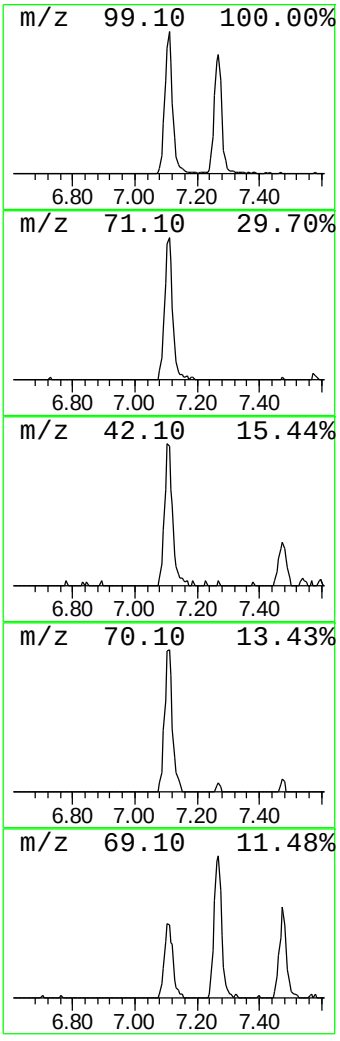
****

Peak Number 2 4H-Imidazol-4-one, 2-amino-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.11	7.30 ng/ul	156073	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Imidazol-4-one, 2-amino-1,5-d...	99	C3H5N3O	000503-86-6	64
2	Phenol-d6-	100	C6D6O	013127-88-3	64
3	2(3H)-Furanone, 5-hexyldihydro-4...	184	C11H20O2	147254-33-9	56
4	3-Ureidopropionic acid, N-dimeth...	243	C11H21N3O3	1000375-52-0	47
5	2-Furancarboxylic acid, tetrahyd...	144	C6H8O4	022073-04-7	45





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046311.D
Acq On : 18 Aug 2020 1:17
Operator : CG/JU
Sample : L3632-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM92

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

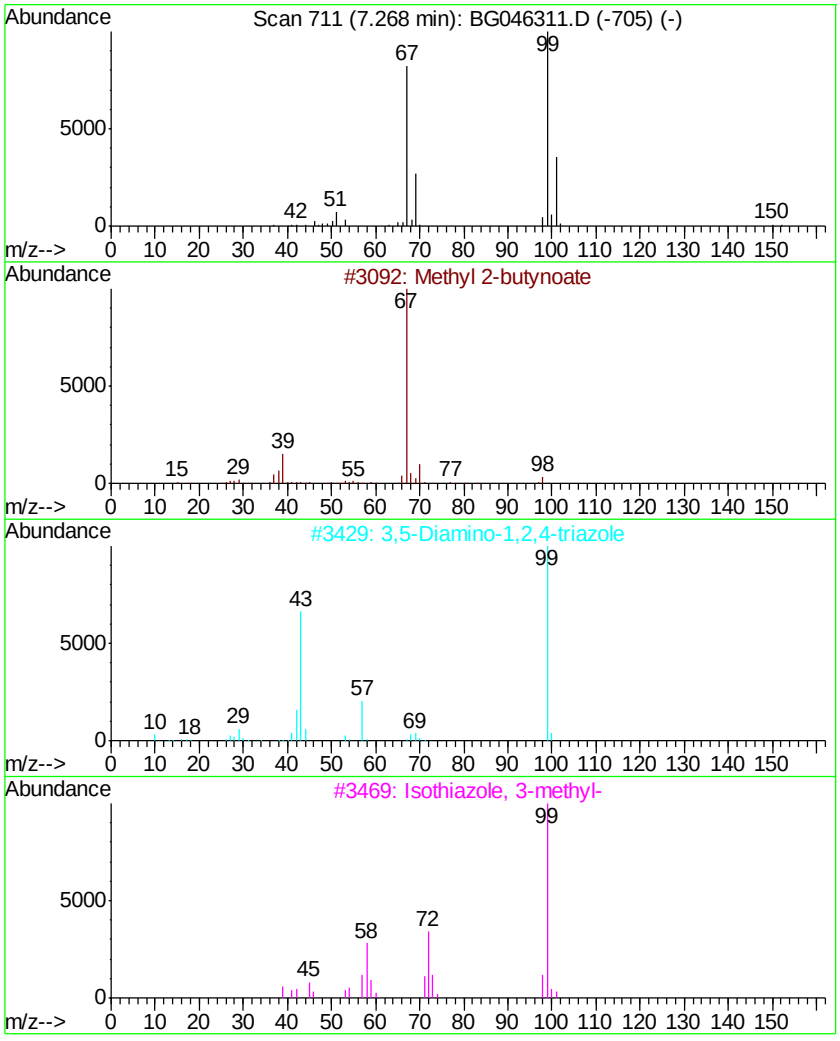
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

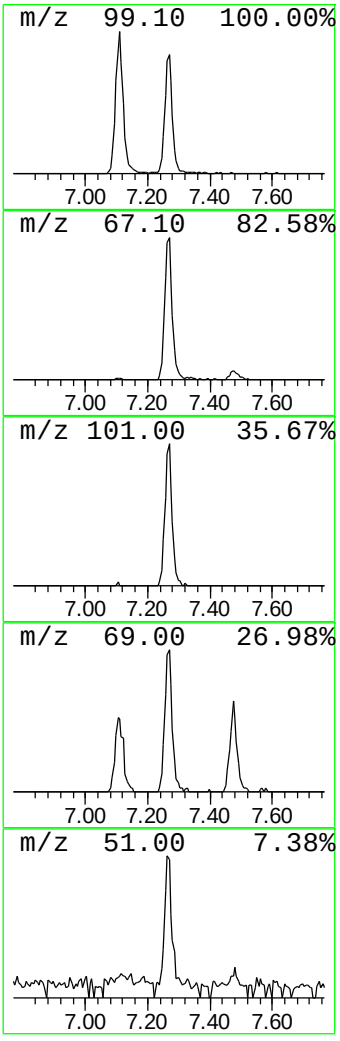
****

Peak Number 3 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.27	6.21 ng/ul	132692	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	3,5-Diamino-1,2,4-triazole	99	C2H5N5	001455-77-2	9
3	Isothiazole, 3-methyl-	99	C4H5NS	000693-92-5	9
4	1-Butyne, 3,3-dimethyl-	82	C6H10	000917-92-0	9
5	1-Pentanamine, 5-(methylthio)-	133	C6H15NS	055021-78-8	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046311.D
Acq On : 18 Aug 2020 1:17
Operator : CG/JU
Sample : L3632-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM92

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

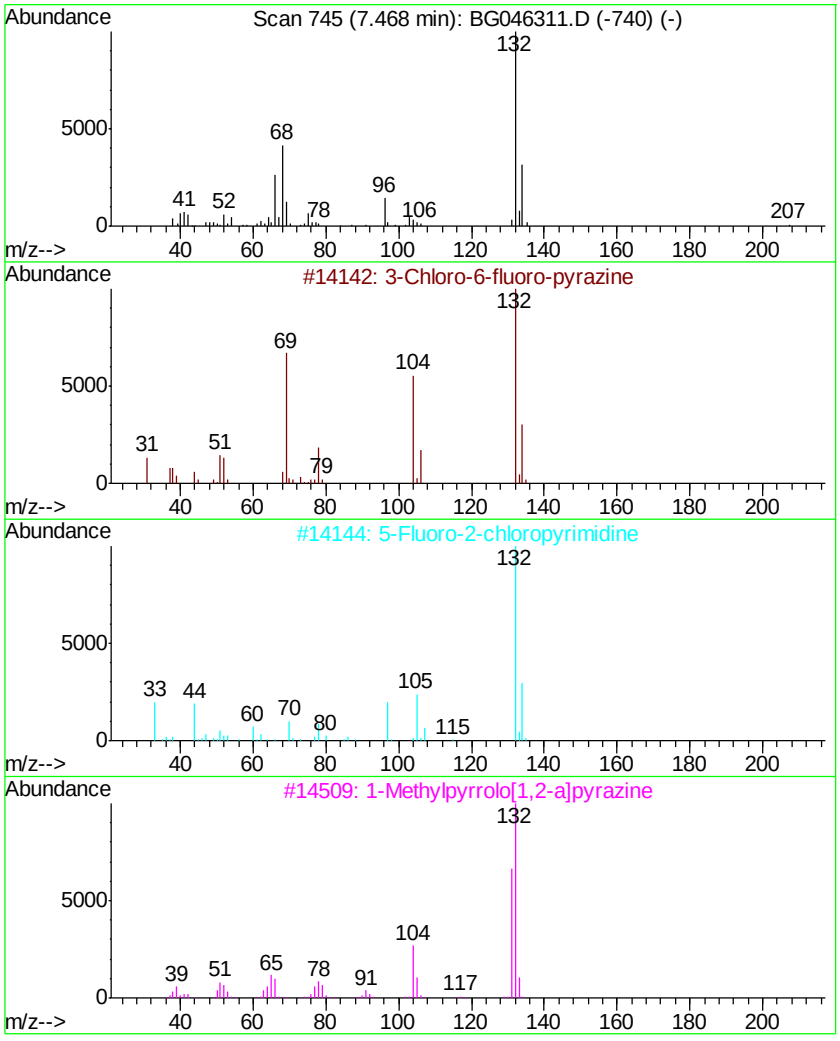
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

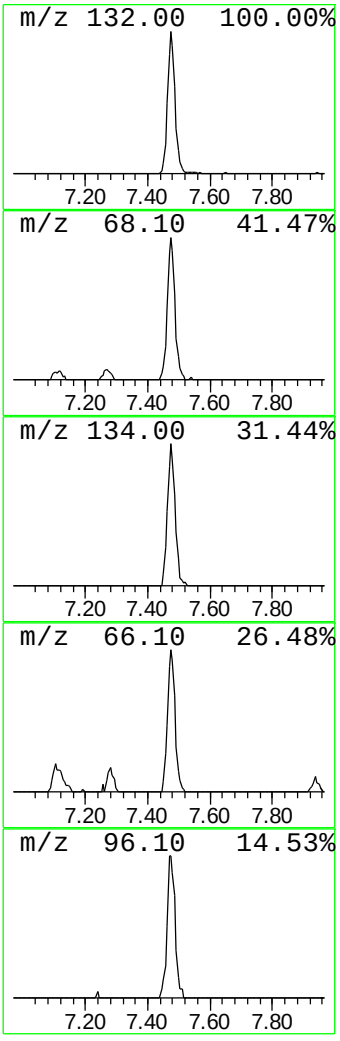
****

Peak Number 4 unknown-02 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	7.78 ng/ul	166290	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	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046311.D
Acq On : 18 Aug 2020 1:17
Operator : CG/JU
Sample : L3632-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM92

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

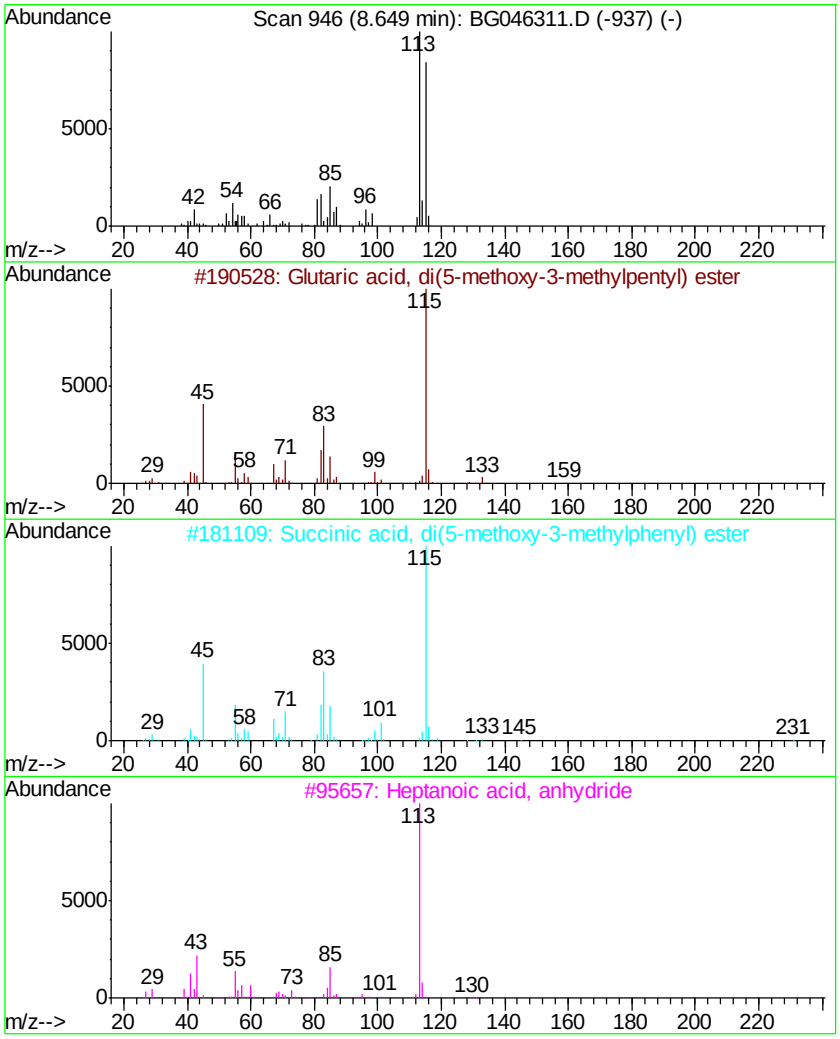
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

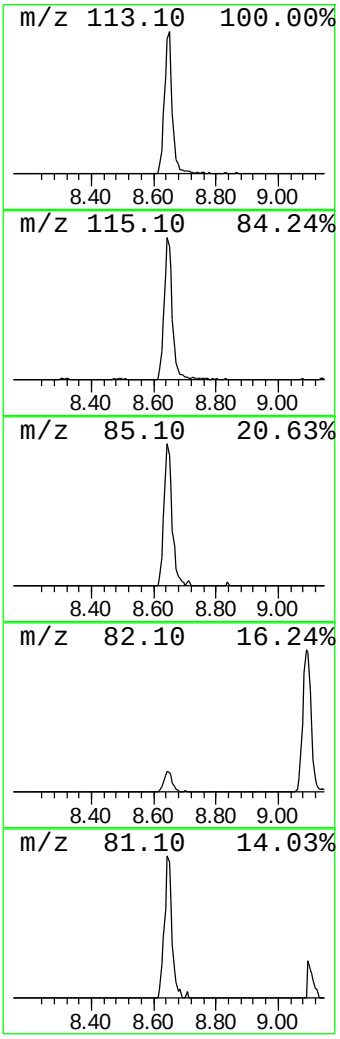
****

Peak Number 5 unknown-03 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	8.91 ng/ul	190555	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Glutaric acid, di(5-methoxy-3-me...	360	C19H36O6	1000360-08-3	35
2	Succinic acid, di(5-methoxy-3-me...	346	C18H34O6	1000330-26-5	32
3	Heptanoic acid, anhydride	242	C14H26O3	000626-27-7	32
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	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046311.D
Acq On : 18 Aug 2020 1:17
Operator : CG/JU
Sample : L3632-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM92

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

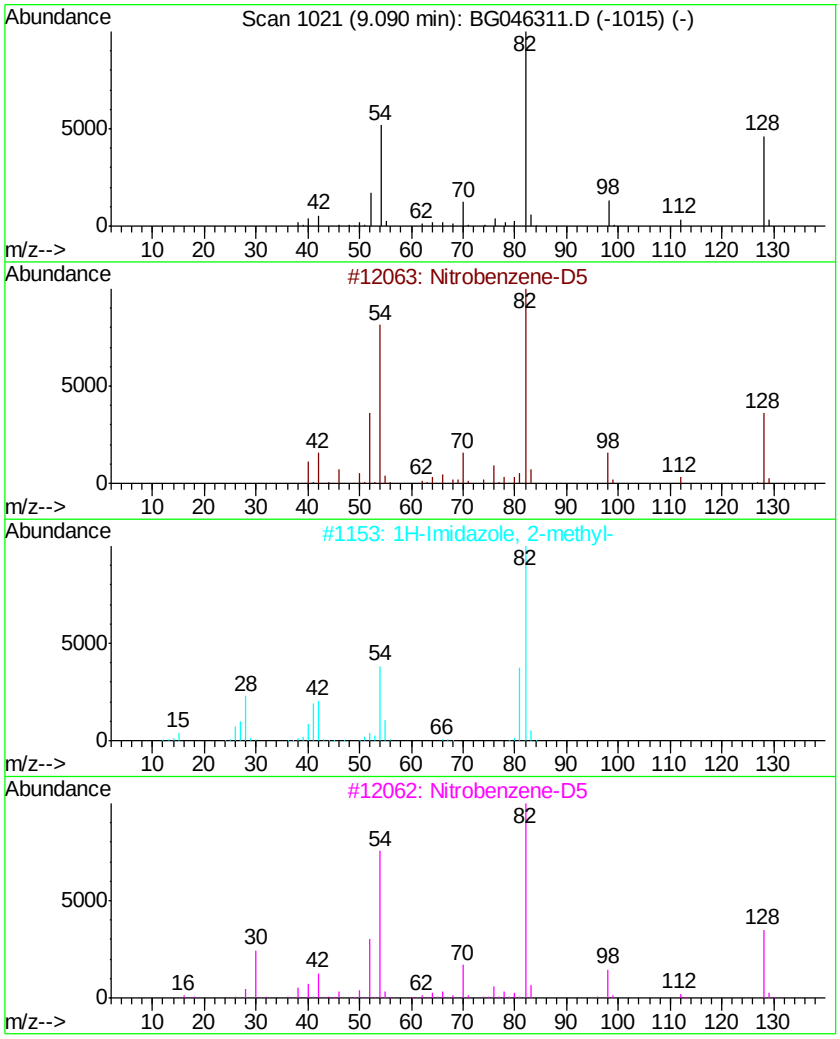
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

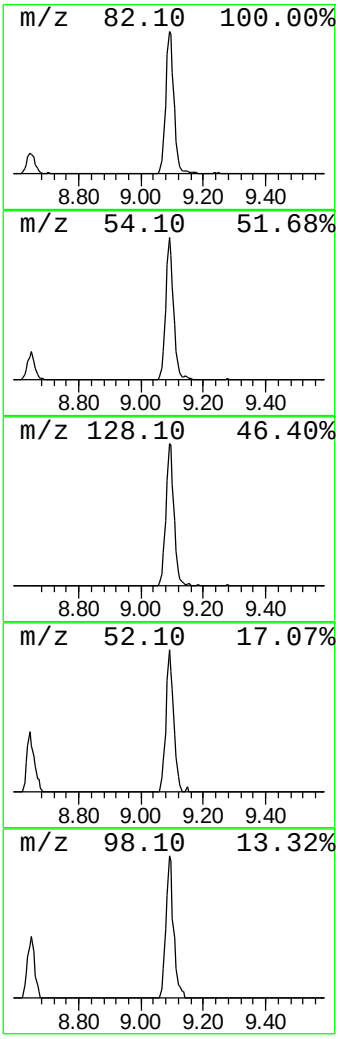
****

Peak Number 6 unknown-04 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	7.87 ng/ul	168295	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nitrobenzene-D5	128	C6D5NO2	004165-60-0	43
2	1H-Imidazole, 2-methyl-	82	C4H6N2	000693-98-1	38
3	Nitrobenzene-D5	128	C6D5NO2	004165-60-0	37
4	1H-Imidazole, 4-methyl-	82	C4H6N2	000822-36-6	28
5	Butyramide, 2-cyano-2-ethyl-	140	C7H12N2O	018705-38-9	17





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046311.D
Acq On : 18 Aug 2020 1:17
Operator : CG/JU
Sample : L3632-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM92

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

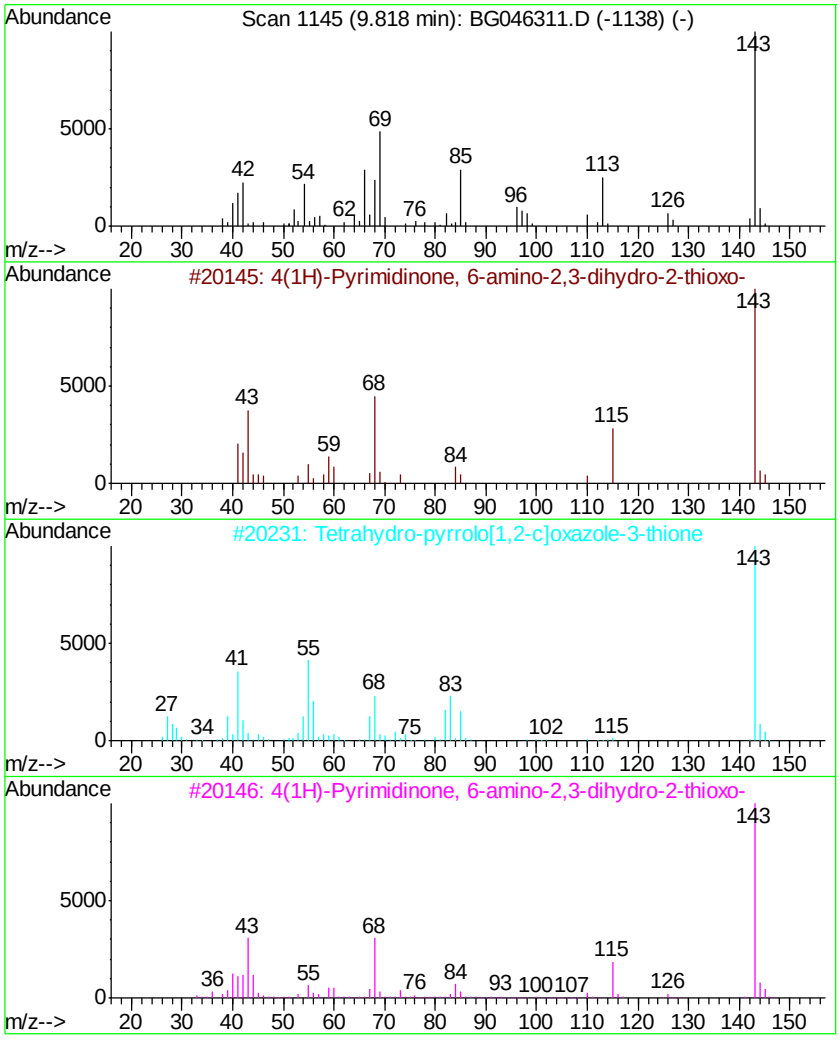
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

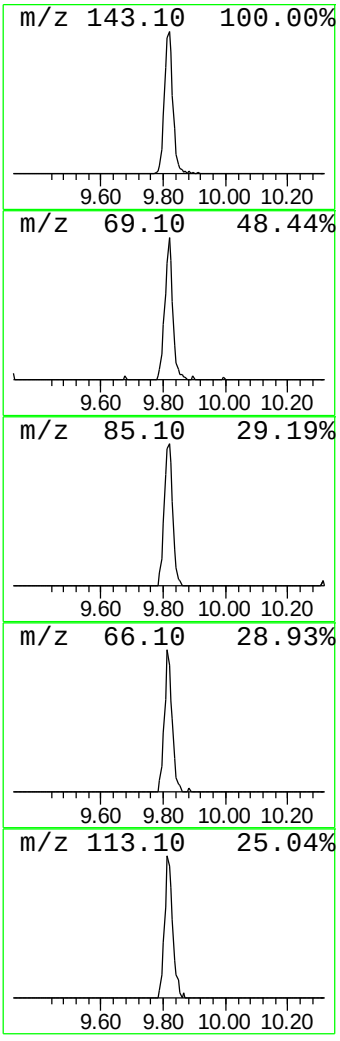
****

Peak Number 7 unknown-05 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	4.15 ng/ul	141151	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	25
2	Tetrahydro-pyrrolo[1,2-c]oxazole...	143	C6H9NOS	1000190-53-6	23
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	6-Chloro-N-methyl-3-pyridazinamine	143	C5H6ClN3	014959-32-1	12





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046311.D
Acq On : 18 Aug 2020 1:17
Operator : CG/JU
Sample : L3632-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM92

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

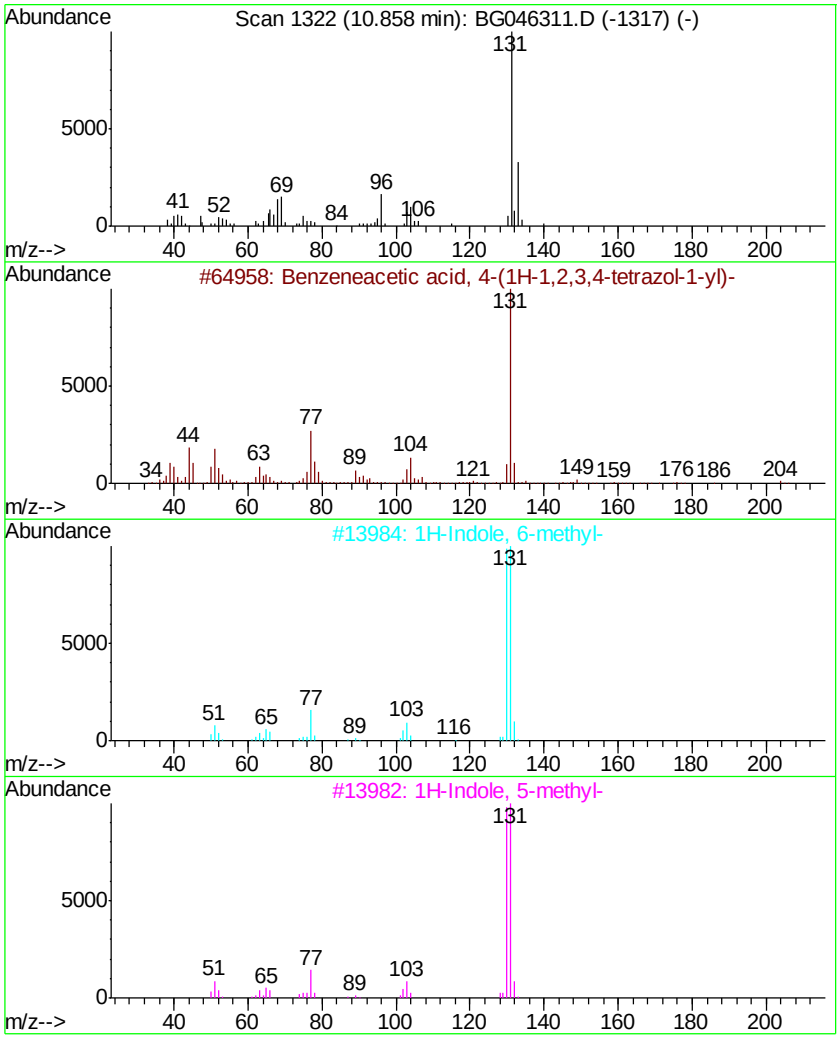
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

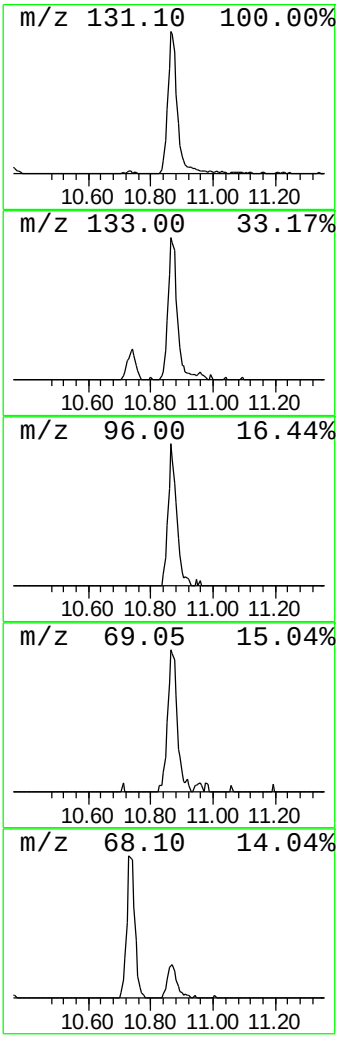
****

Peak Number 8 unknown-06 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.86	4.37 ng/ul	148801	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	1H-Indole, 6-methyl-	131	C9H9N	003420-02-8	28
3	1H-Indole, 5-methyl-	131	C9H9N	000614-96-0	28
4	Pyrido[2,3-b]pyrazine	131	C7H5N3	000322-46-3	25
5	4-Pyrimidinamine, 2,6-difluoro-	131	C4H3F2N3	000675-12-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046311.D
Acq On : 18 Aug 2020 1:17
Operator : CG/JU
Sample : L3632-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM92

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

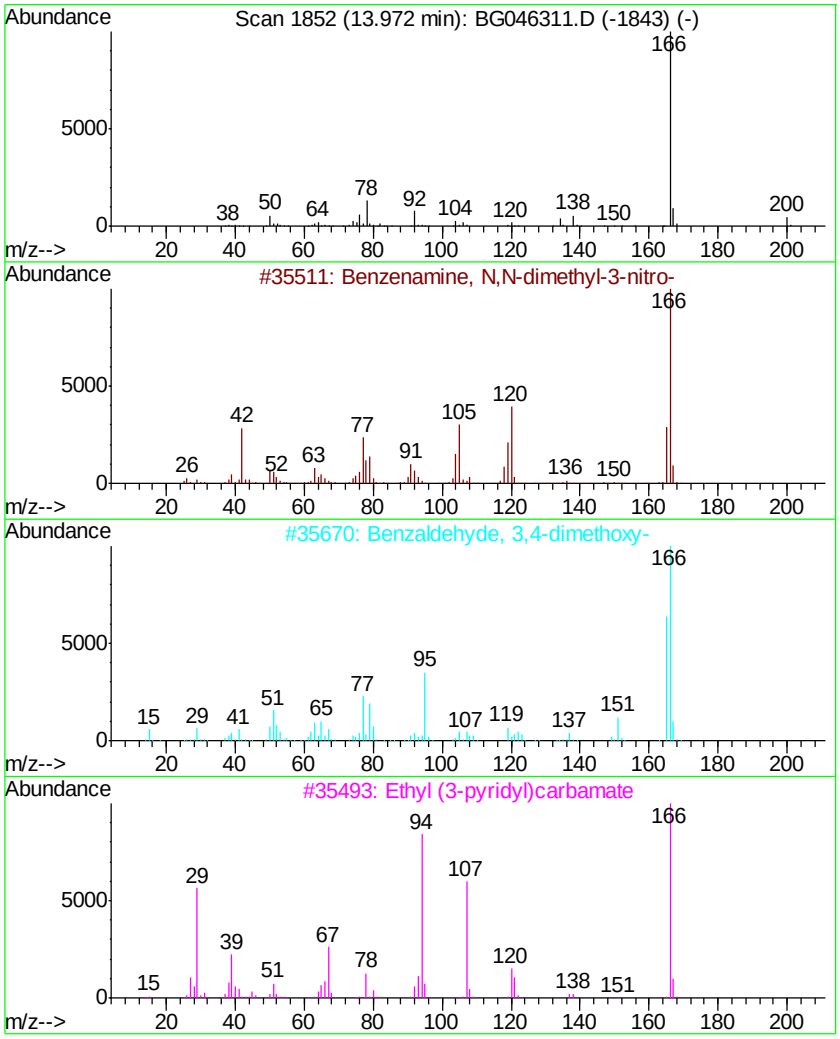
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

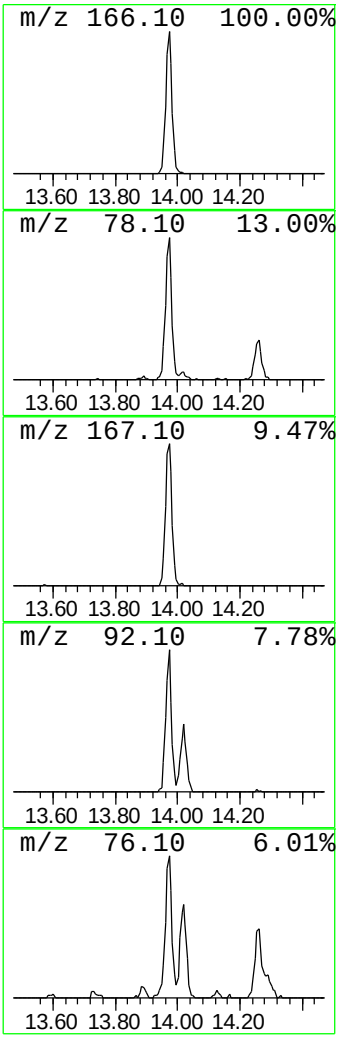
****

Peak Number 9 Benzenamine, N,N-dimethyl-3... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	8.27 ng/ul	430870	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, N,N-dimethyl-3-nitro-	166	C8H10N2O2	000619-31-8	72
2	Benzaldehyde, 3,4-dimethoxy-	166	C9H10O3	000120-14-9	45
3	Ethyl (3-pyridyl)carbamate	166	C8H10N2O2	006276-11-5	39
4	1H-Purine, 6-(methylthio)-	166	C6H6N4S	000050-66-8	38
5	Phenol, 5-(dimethylamino)-2-nitr...	166	C8H10N2O2	016761-04-9	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046311.D
Acq On : 18 Aug 2020 1:17
Operator : CG/JU
Sample : L3632-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM92

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

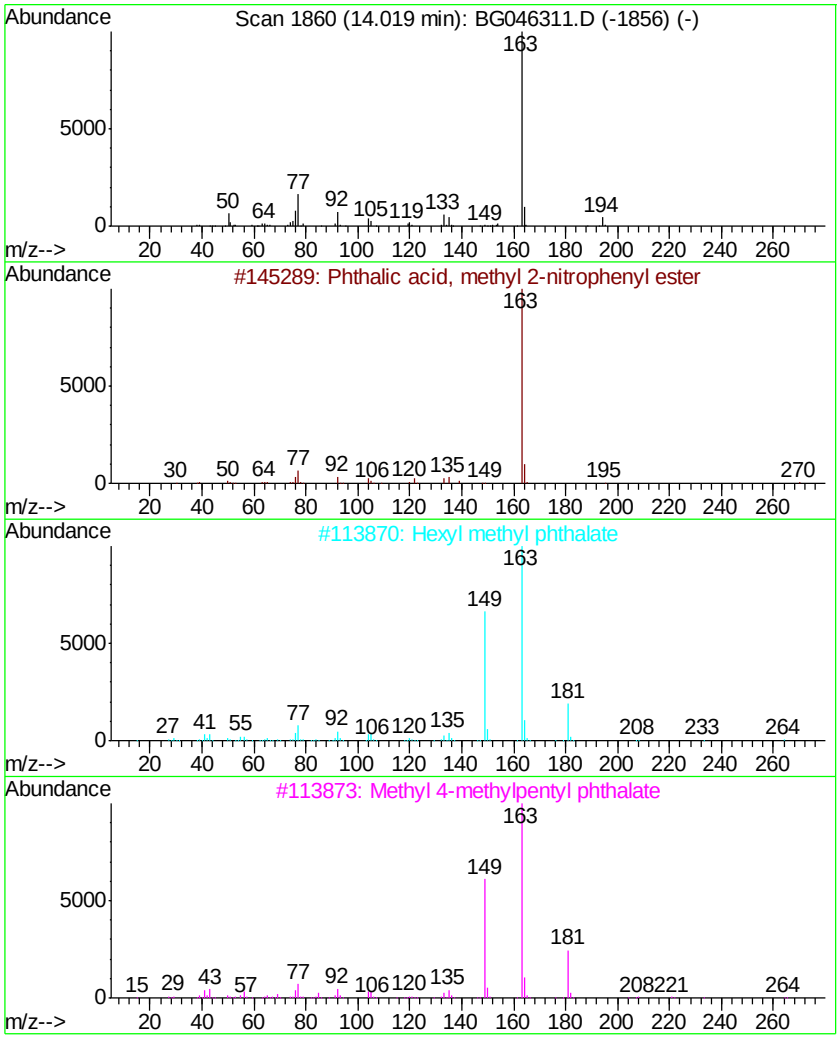
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

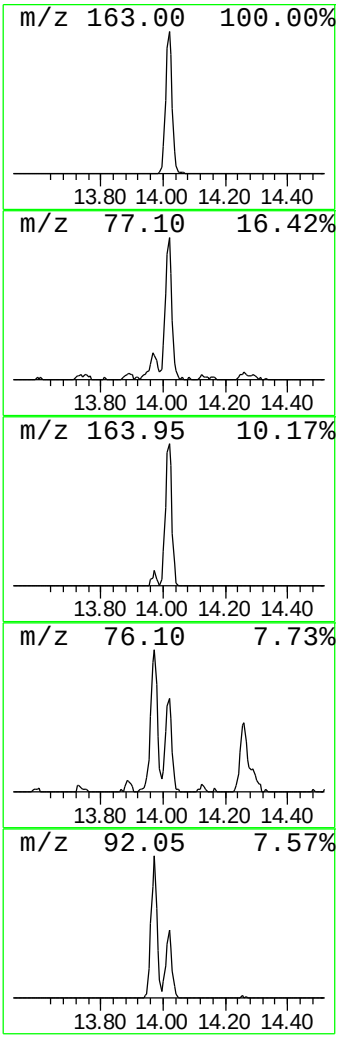
****

Peak Number 10 Phthalic acid, methyl 2-nit... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	4.01 ng/ul	208834	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, methyl 2-nitrophe...	301	C15H11NO6	1000315-68-3	78
2	Hexyl methyl phthalate	264	C15H20O4	1000373-89-7	72
3	Methyl 4-methylpentyl phthalate	264	C15H20O4	1000373-82-6	72
4	Methyl 2-ethylhexyl phthalate	292	C17H24O4	056166-83-7	72
5	Dimethyl phthalate	194	C10H10O4	000131-11-3	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046311.D
Acq On : 18 Aug 2020 1:17
Operator : CG/JU
Sample : L3632-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM92

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

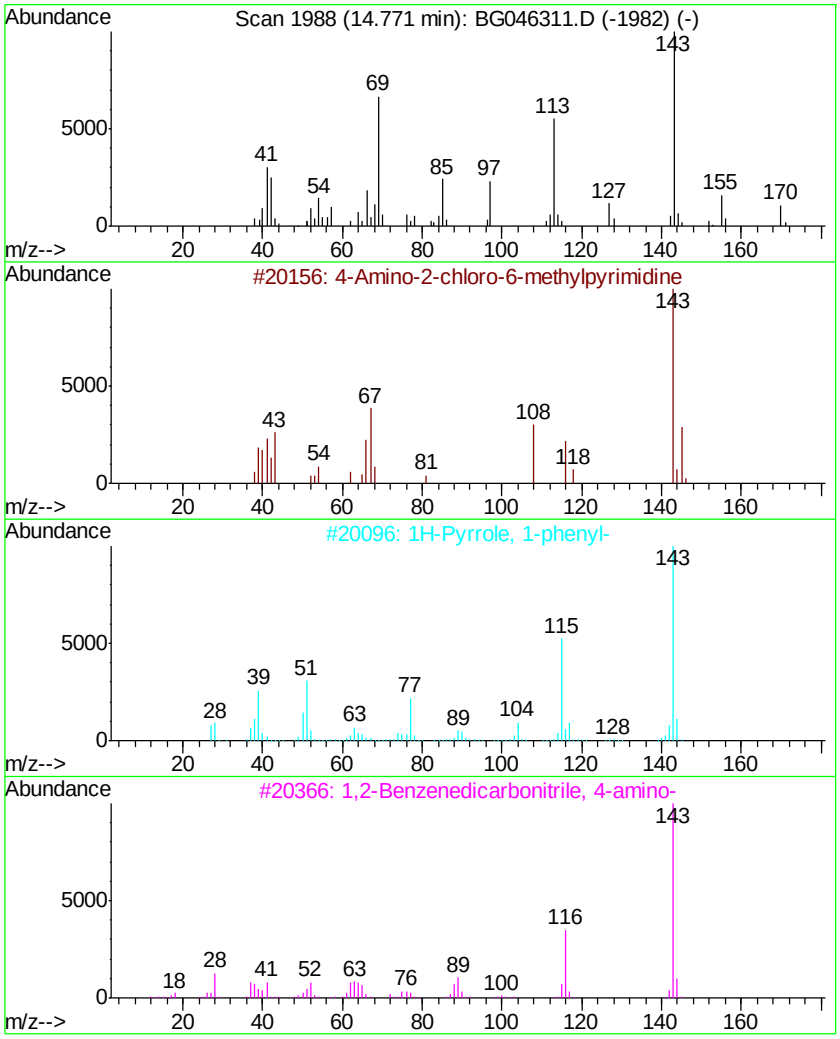
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

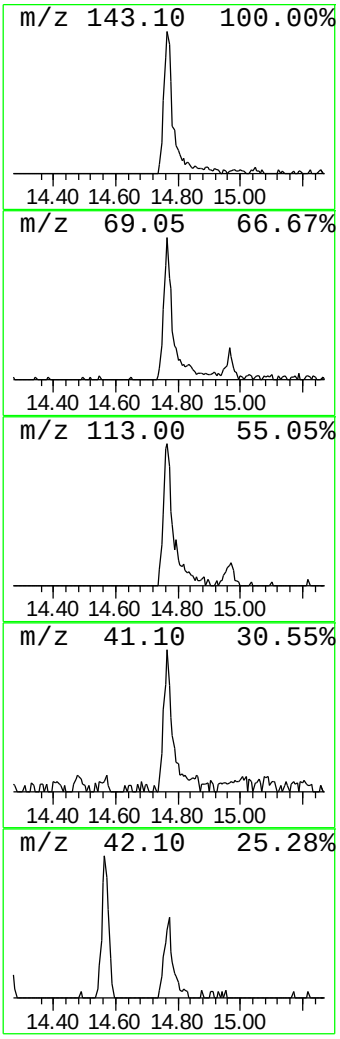
****

Peak Number 11 unknown-07 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	2.10 ng/ul	109673	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Amino-2-chloro-6-methylpyrimidine	143	C5H6ClN3	014394-60-6	35
2	1H-Pyrrole, 1-phenyl-	143	C10H9N	000635-90-5	10
3	1,2-Benzenedicarbonitrile, 4-amino-	143	C8H5N3	056765-79-8	10
4	1-(1-Butoxypropan-2-yloxy)propan...	274	C15H30O4	1000367-13-0	10
5	Glutaric acid, 3,3-dimethylbut-2...	244	C13H24O4	1000359-74-7	10





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046311.D
Acq On : 18 Aug 2020 1:17
Operator : CG/JU
Sample : L3632-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM92

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

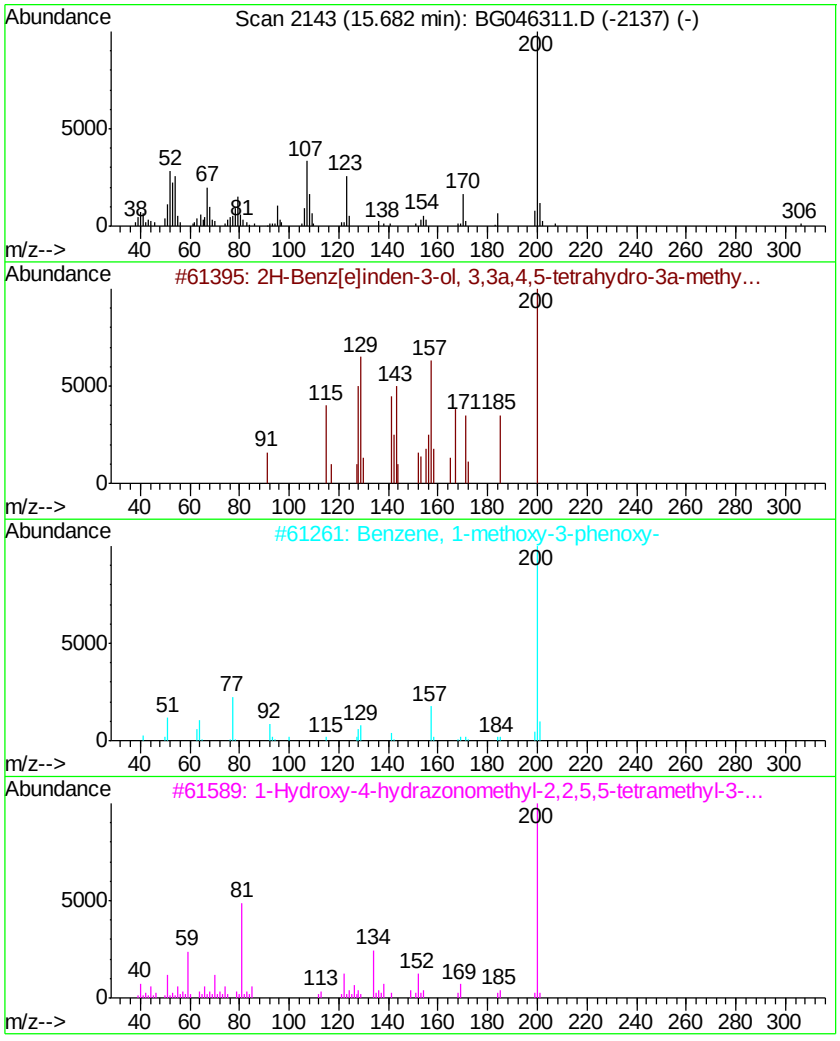
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

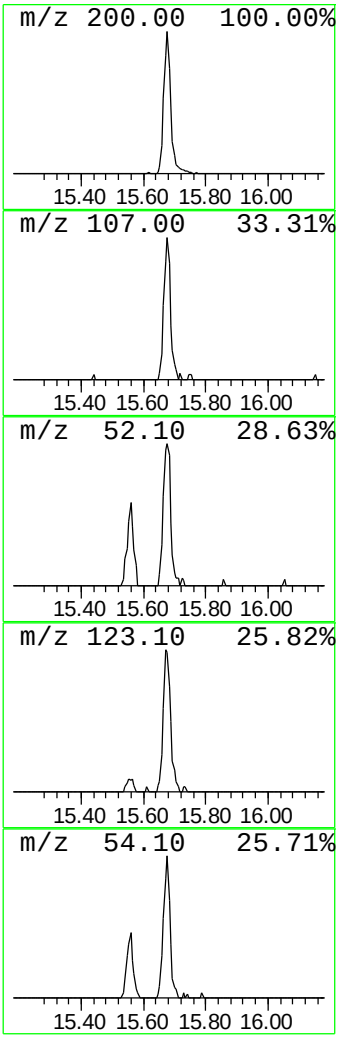
****

Peak Number 12 unknown-08 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	2.89 ng/ul	150747	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-3-phenoxy-	200	C13H12O2	001655-68-1	14
3	1-Hydroxy-4-hydrazonomethyl-2,2,...	200	C8H16N4O2	051973-32-1	9
4	2,2'-Bipyridyl-5-carboxylic acid	200	C11H8N2O2	001970-80-5	9
5	Tetrafluoroisophthalonitrile	200	C8F4N2	002377-81-3	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046311.D
Acq On : 18 Aug 2020 1:17
Operator : CG/JU
Sample : L3632-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM92

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

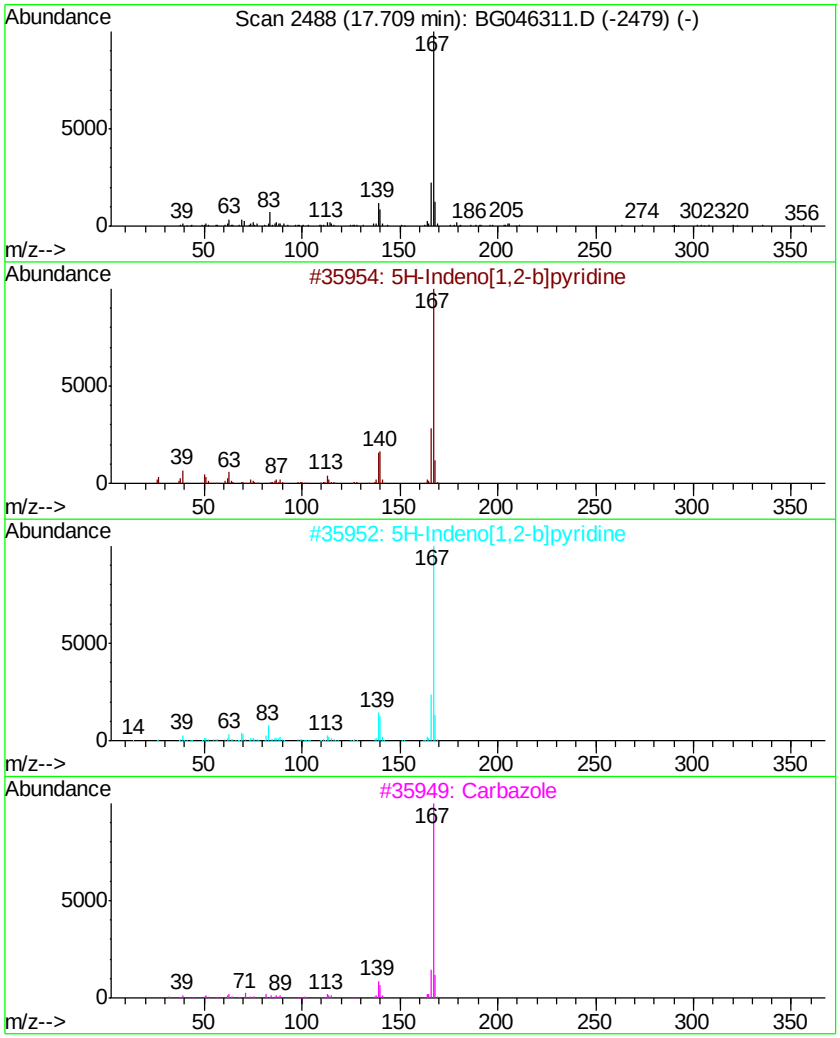
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

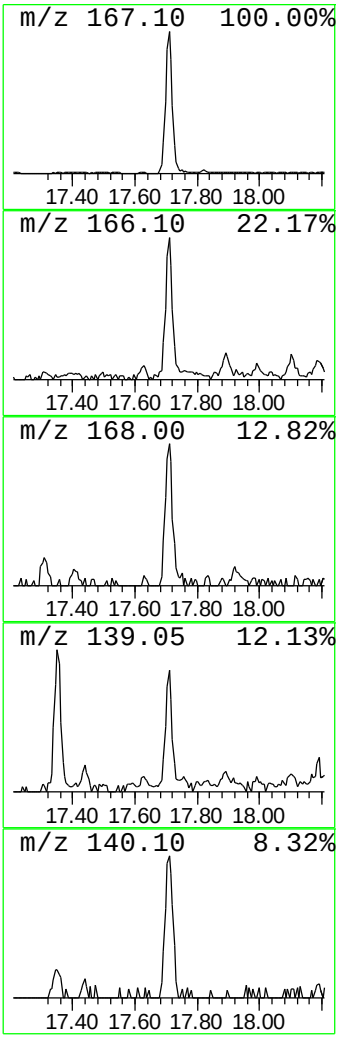
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.71	2.24 ng/ul	150957	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	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	90
3	Carbazole	167	C12H9N	000086-74-8	90
4	Carbazole	167	C12H9N	000086-74-8	87
5	D-Galactitol, 2-(acetylmethylami...	363	C16H29NO8	074410-42-7	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046311.D
Acq On : 18 Aug 2020 1:17
Operator : CG/JU
Sample : L3632-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM92

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

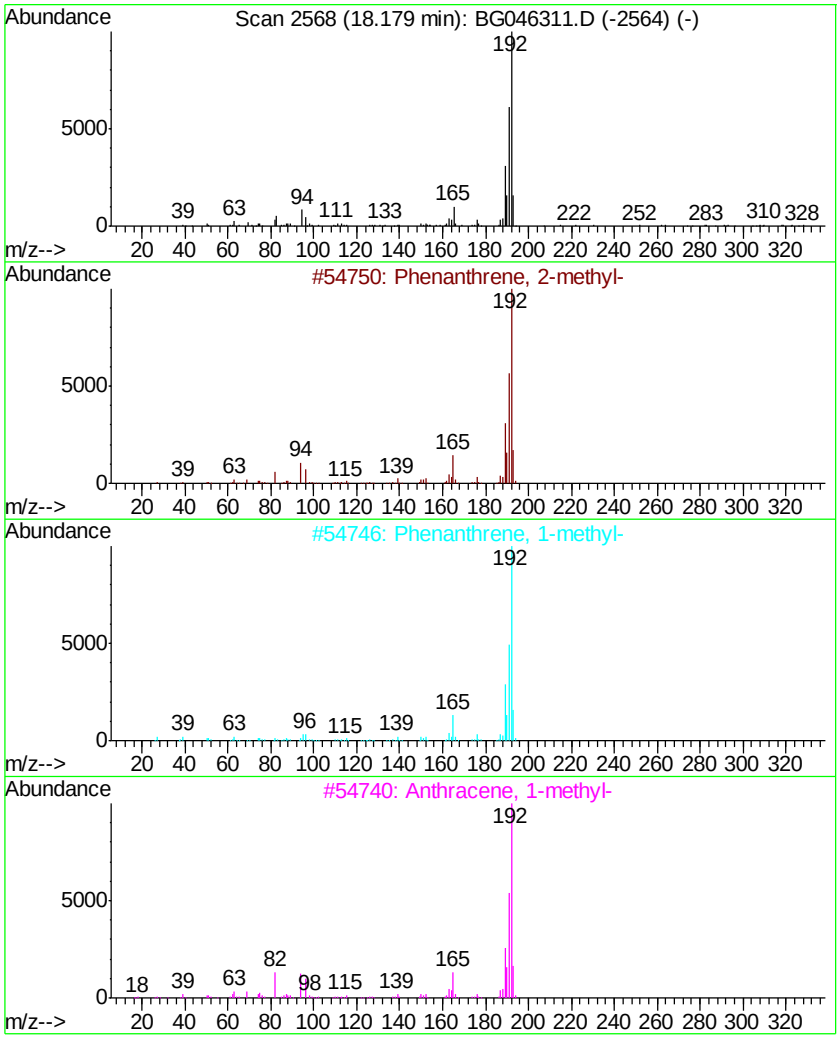
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

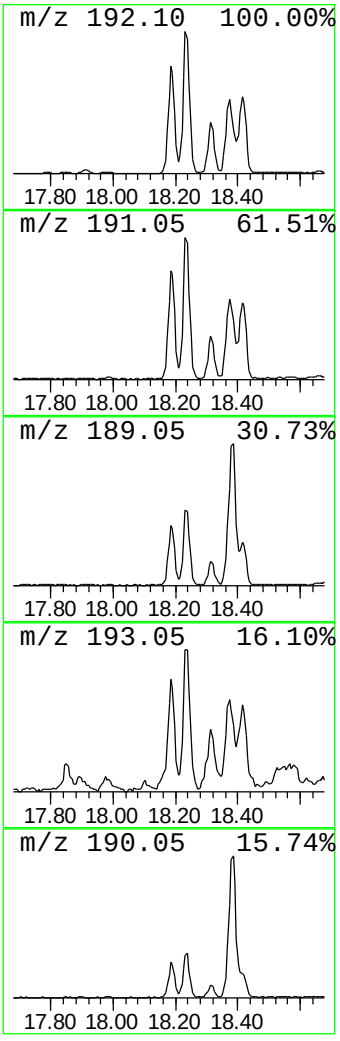
****

Peak Number 14 Phenanthrene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.18	3.90 ng/ul	262969	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	91
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	87
5	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046311.D
Acq On : 18 Aug 2020 1:17
Operator : CG/JU
Sample : L3632-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM92

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

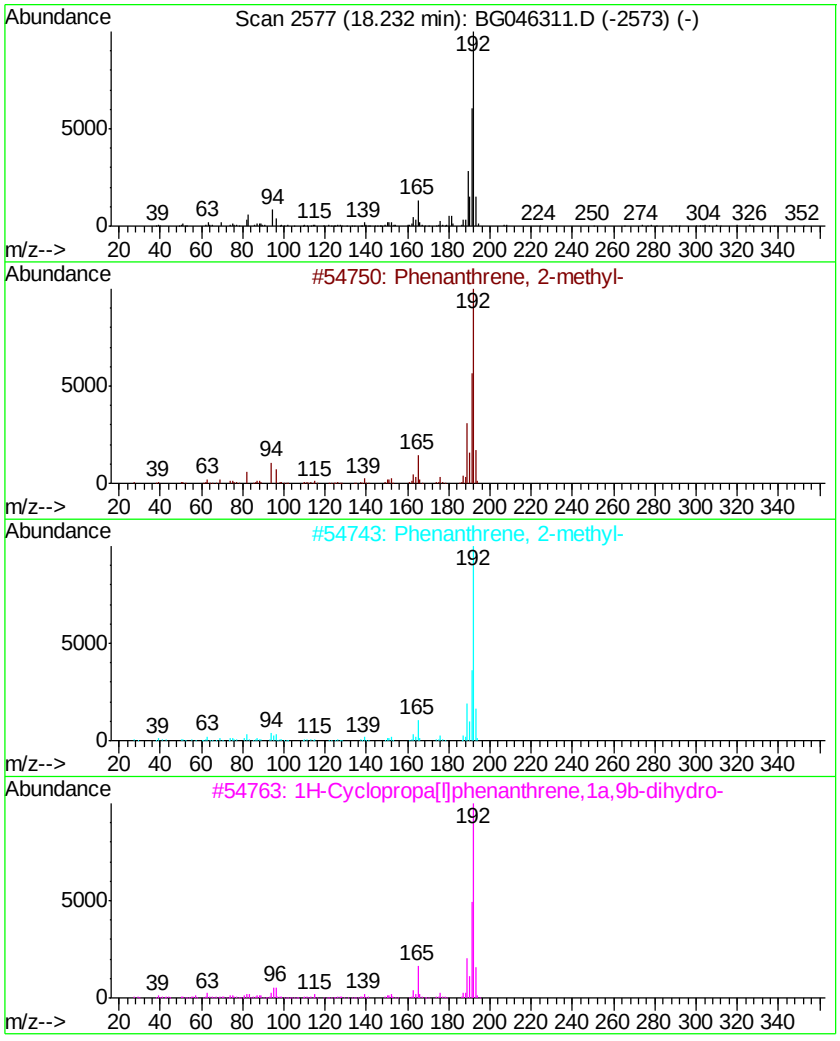
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

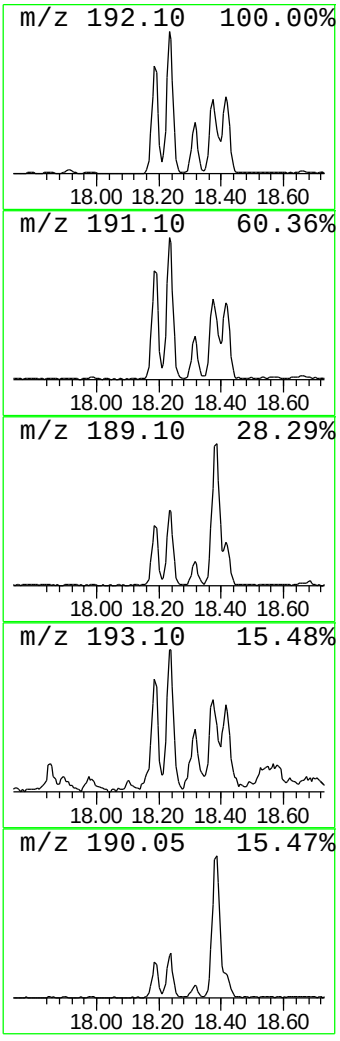
****

Peak Number 15 1H-Cyclopropa[l]phenanthren... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.23	5.33 ng/ul	359145	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046311.D
Acq On : 18 Aug 2020 1:17
Operator : CG/JU
Sample : L3632-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM92

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

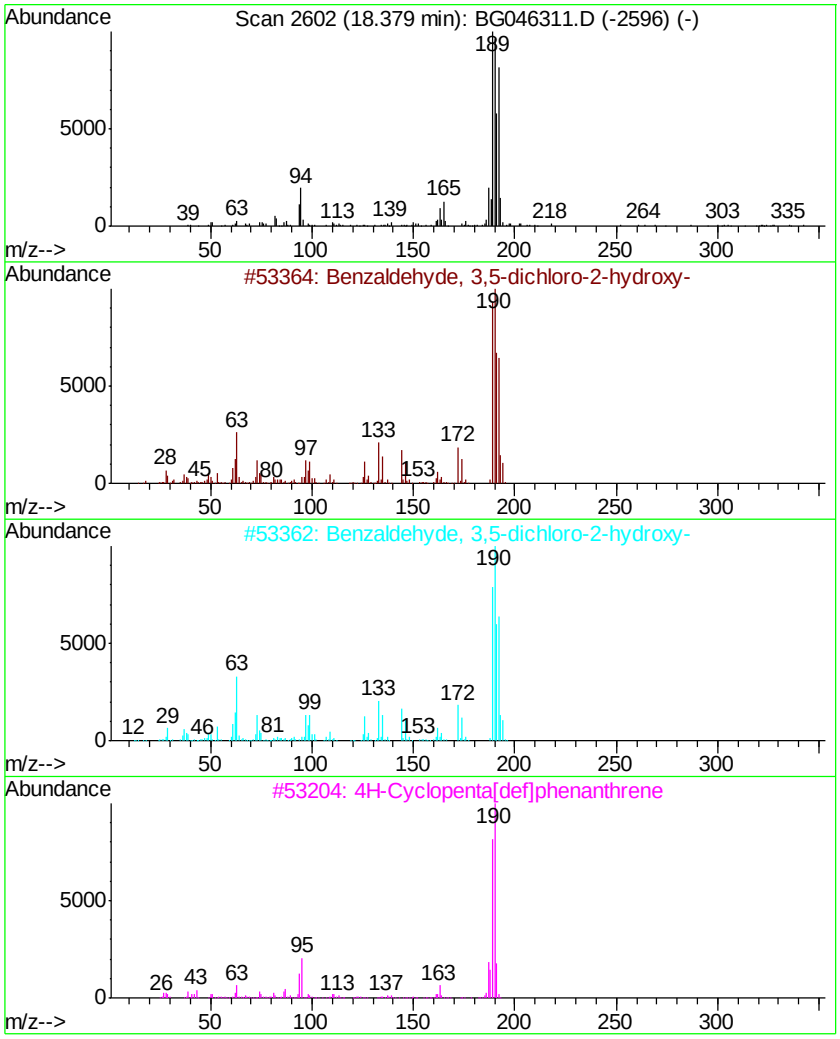
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

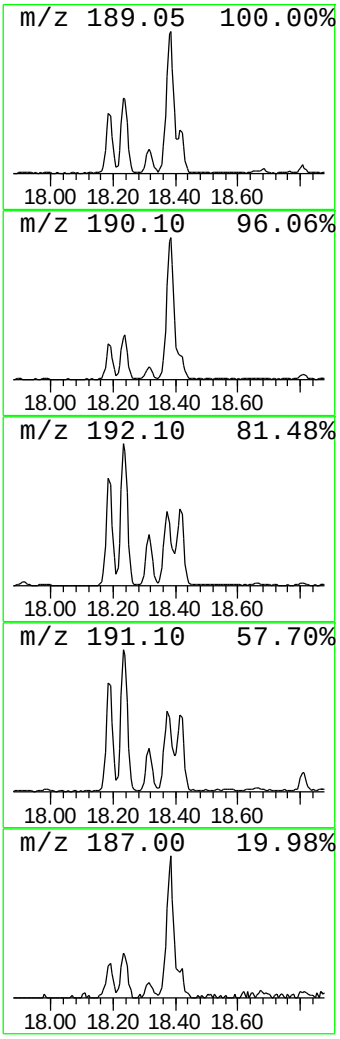
****

Peak Number 16 Benzaldehyde, 3,5-dichloro-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	5.32 ng/ul	359003	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	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	46





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046311.D
Acq On : 18 Aug 2020 1:17
Operator : CG/JU
Sample : L3632-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM92

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

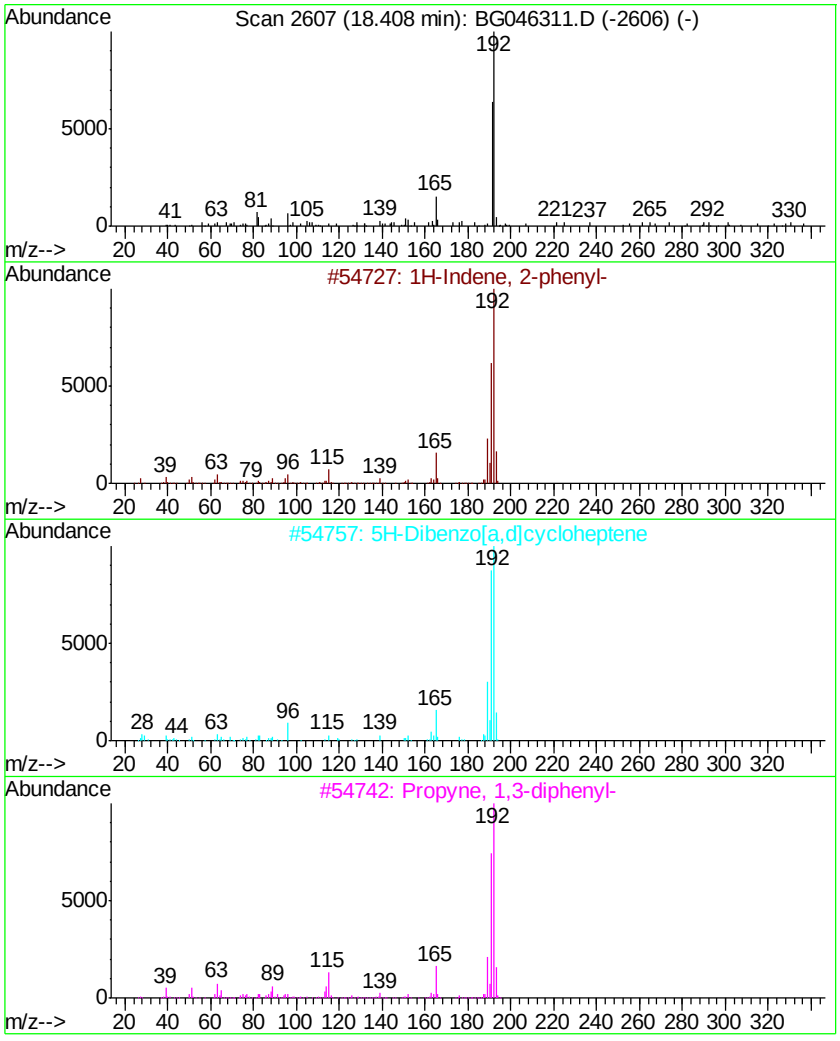
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

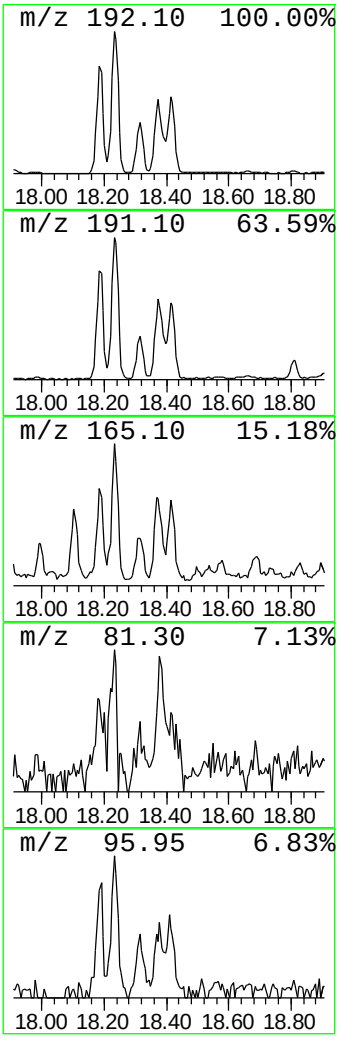
****

Peak Number 17 1H-Indene, 2-phenyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.41	2.21 ng/ul	149215	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	80
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	80
3	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	80
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	72
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046311.D
Acq On : 18 Aug 2020 1:17
Operator : CG/JU
Sample : L3632-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM92

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

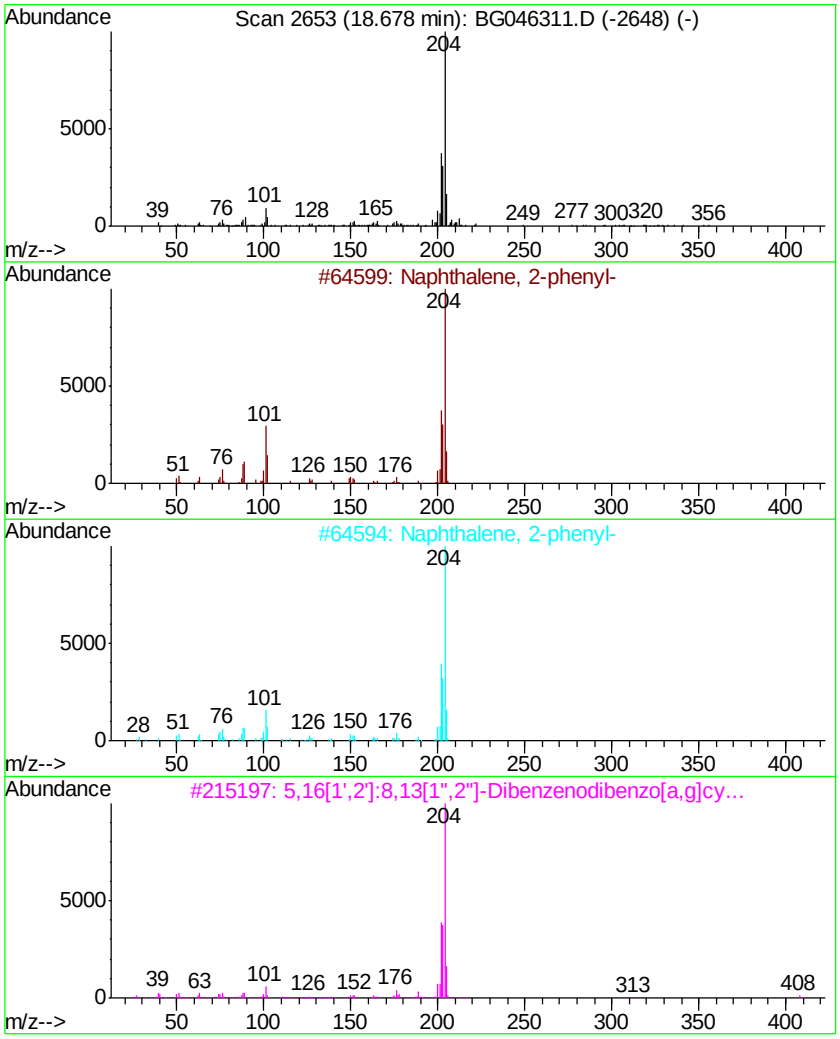
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

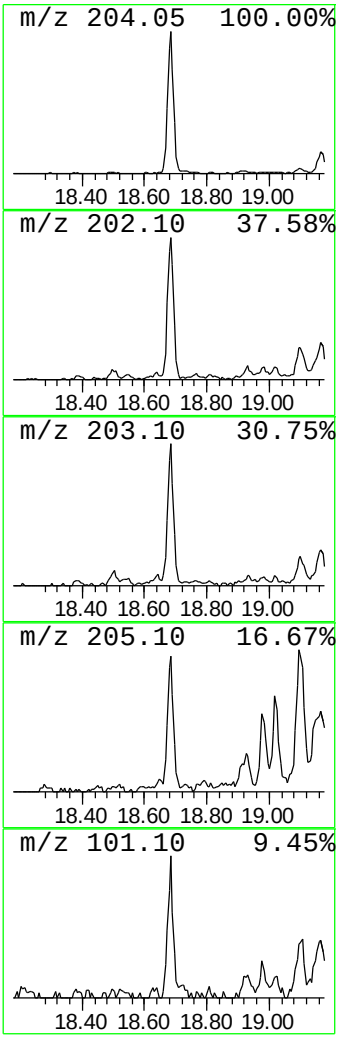
****

Peak Number 18 Naphthalene, 2-phenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.68	2.92 ng/ul	196754	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	83
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046311.D
Acq On : 18 Aug 2020 1:17
Operator : CG/JU
Sample : L3632-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM92

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

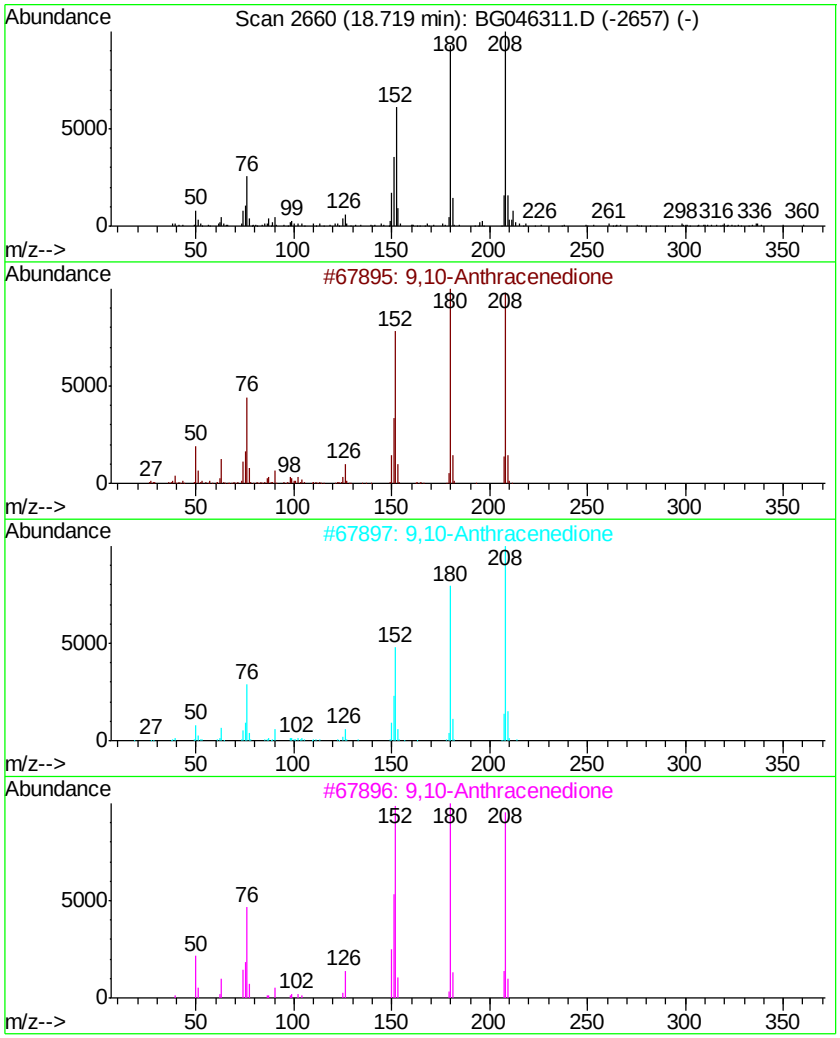
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

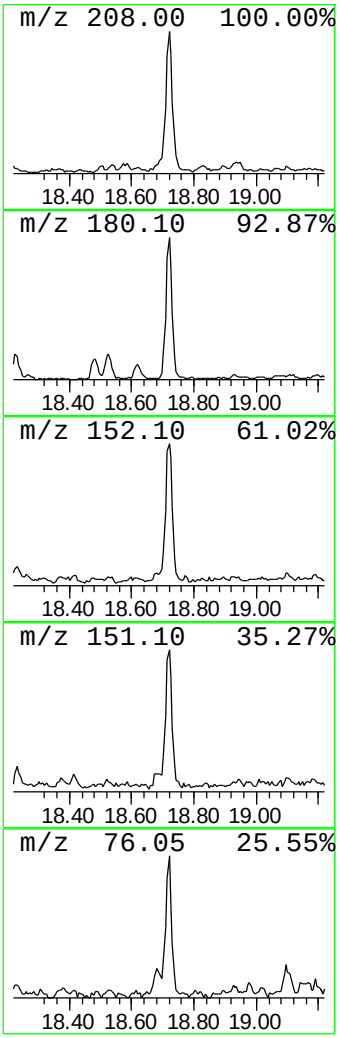
****

Peak Number 19 9,10-Anthracenedione Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.72	2.89 ng/ul	194667	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
4	1,4-Anthracenedione	208	C14H8O2	000635-12-1	58
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	55





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046311.D
Acq On : 18 Aug 2020 1:17
Operator : CG/JU
Sample : L3632-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM92

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

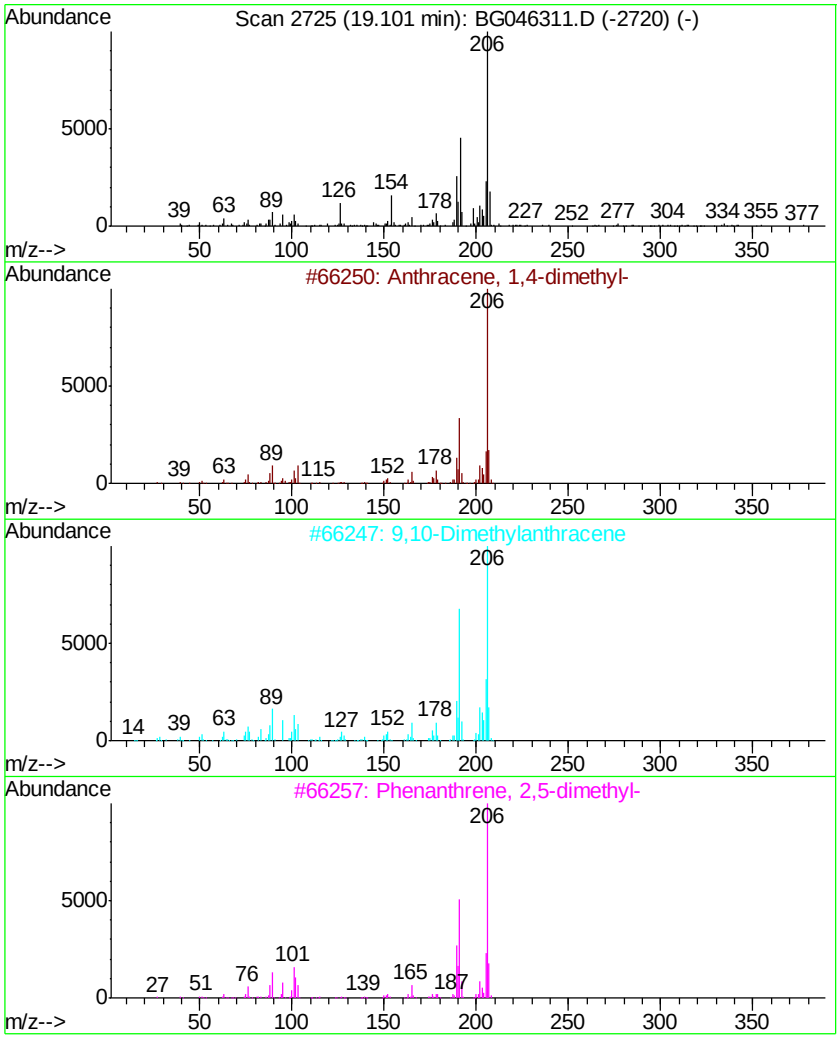
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

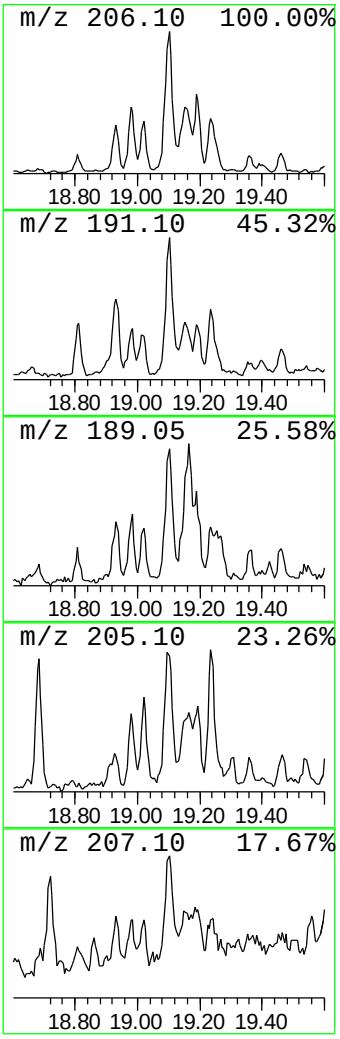
****

Peak Number 20 Anthracene, 1,4-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.10	2.87 ng/ul	193876	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	91
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	87
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	83
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	81





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046311.D
Acq On : 18 Aug 2020 1:17
Operator : CG/JU
Sample : L3632-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM92

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

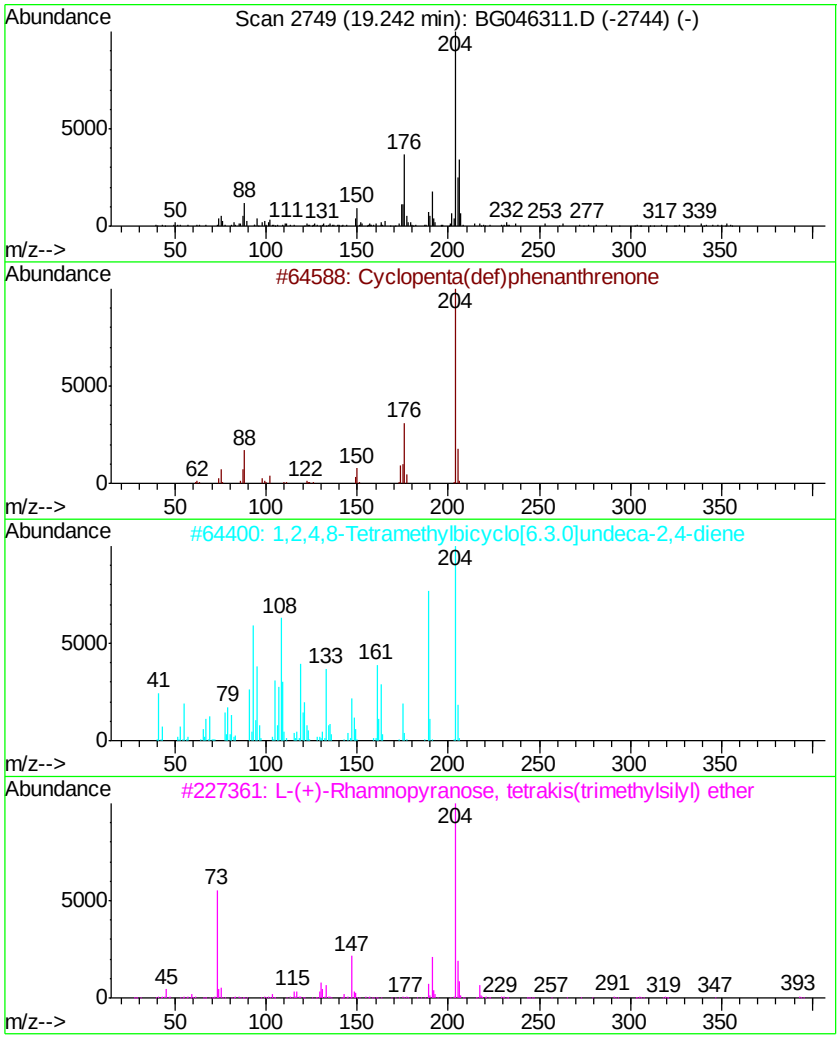
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

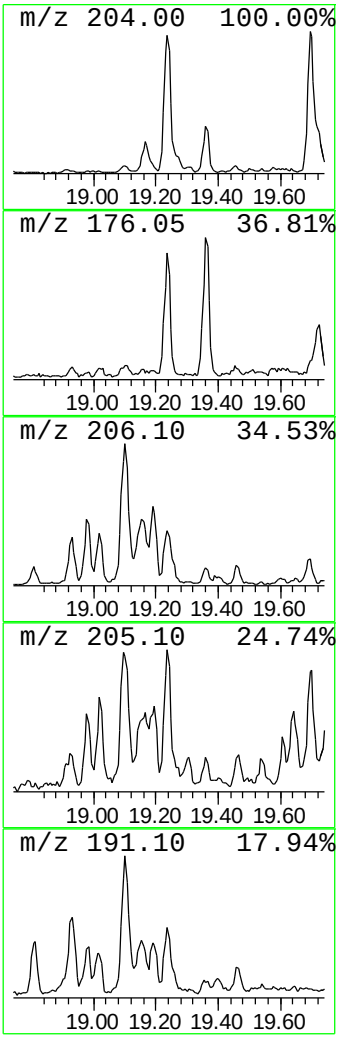
****

Peak Number 21 Cyclopenta(def)phenanthrenone Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.24	2.67 ng/ul	180338	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	64
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	43
3	L-(+)-Rhamnopyranose, tetrakis(t...	452	C18H44O5Si4	1000380-12-9	43
4	Pyrimidine, 2-chloro-4-methyl-6-...	204	C11H9ClN2	032785-40-3	43
5	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046311.D
Acq On : 18 Aug 2020 1:17
Operator : CG/JU
Sample : L3632-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM92

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

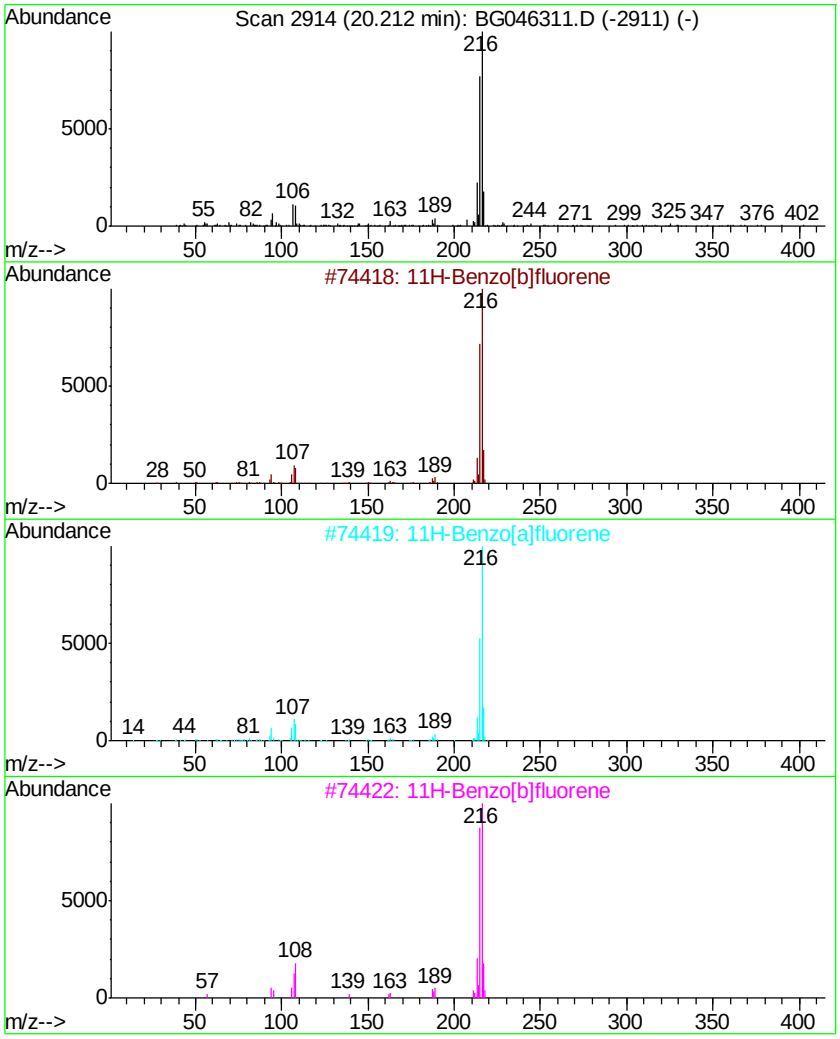
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

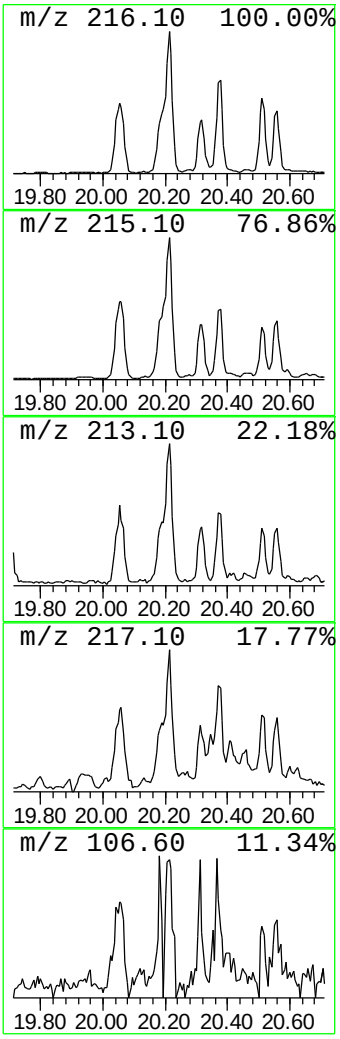
****

Peak Number 22 11H-Benzo[b]fluorene Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.21	2.06 ng/ul	254246	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	86
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	78





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046311.D
Acq On : 18 Aug 2020 1:17
Operator : CG/JU
Sample : L3632-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM92

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

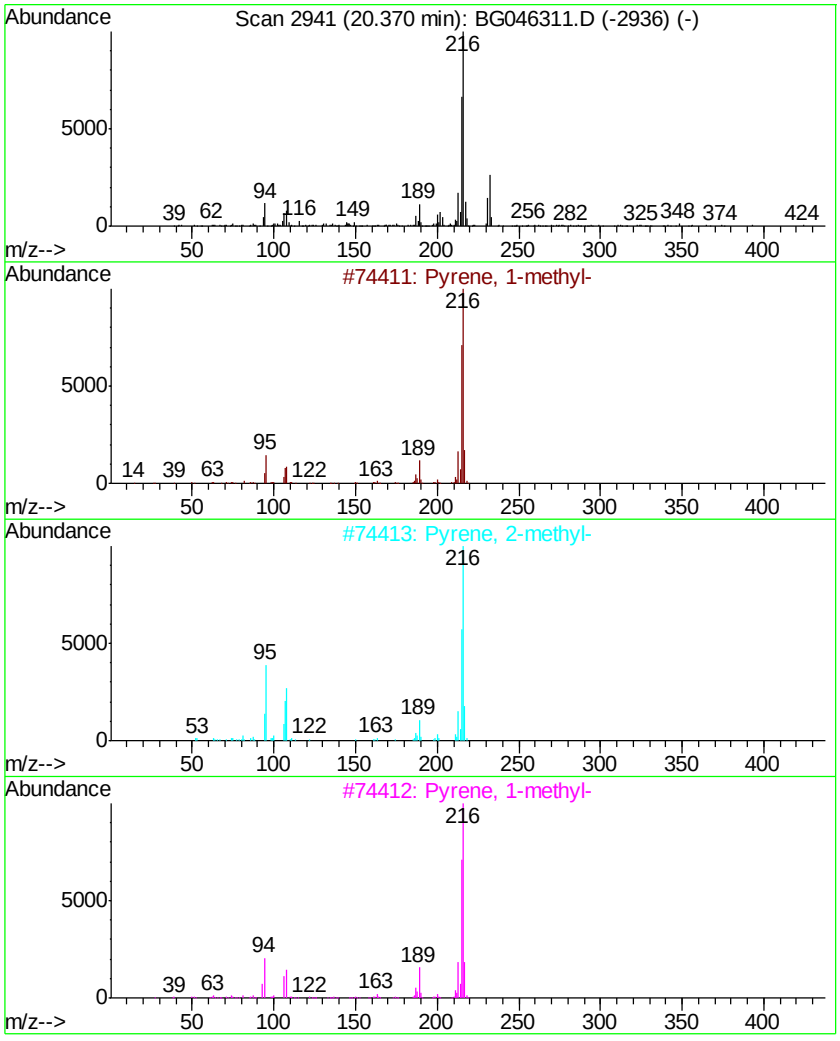
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

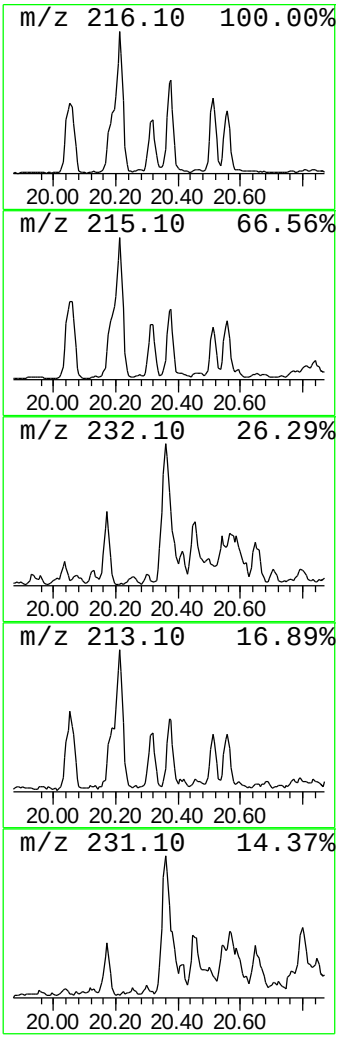
****

Peak Number 23 Pyrene, 1-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.37	2.09 ng/ul	257836	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046311.D
Acq On : 18 Aug 2020 1:17
Operator : CG/JU
Sample : L3632-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM92

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

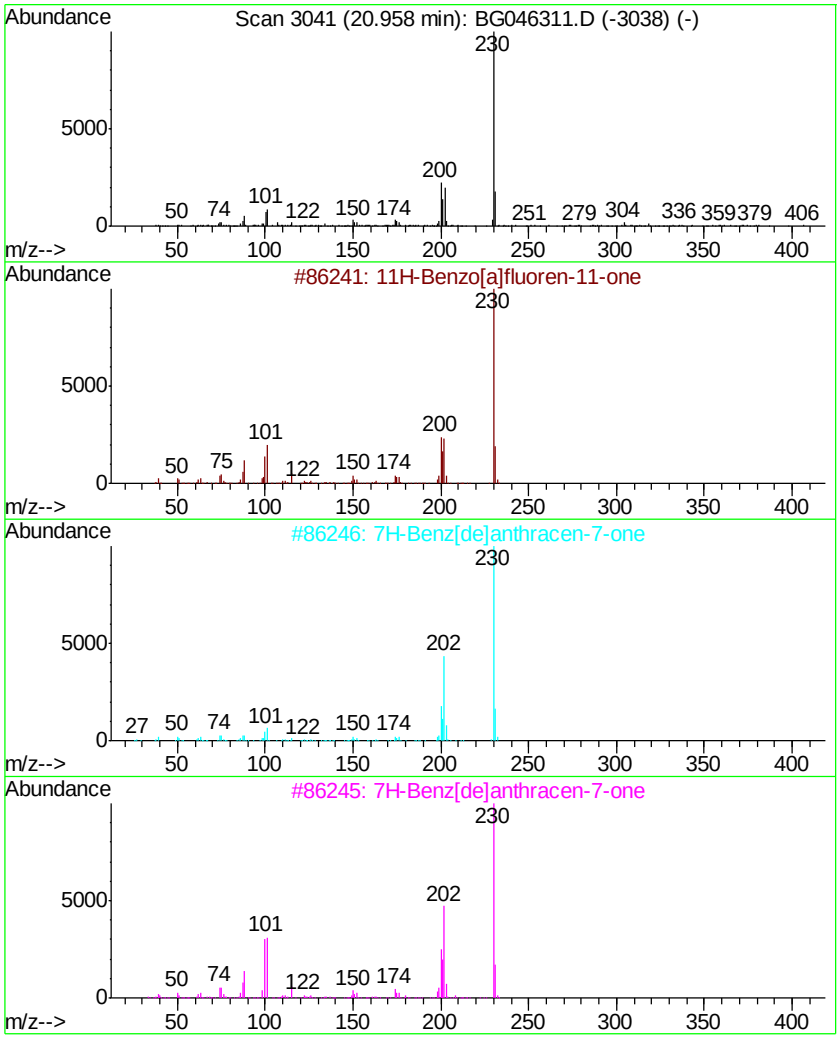
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

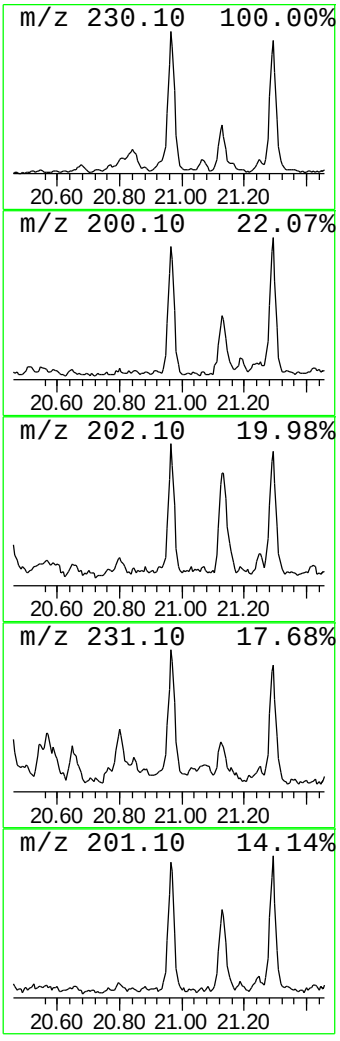
****

Peak Number 24 11H-Benzo[a]fluoren-11-one Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.96	2.20 ng/ul	271334	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	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	74
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	72
5	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	56





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046311.D
Acq On : 18 Aug 2020 1:17
Operator : CG/JU
Sample : L3632-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM92

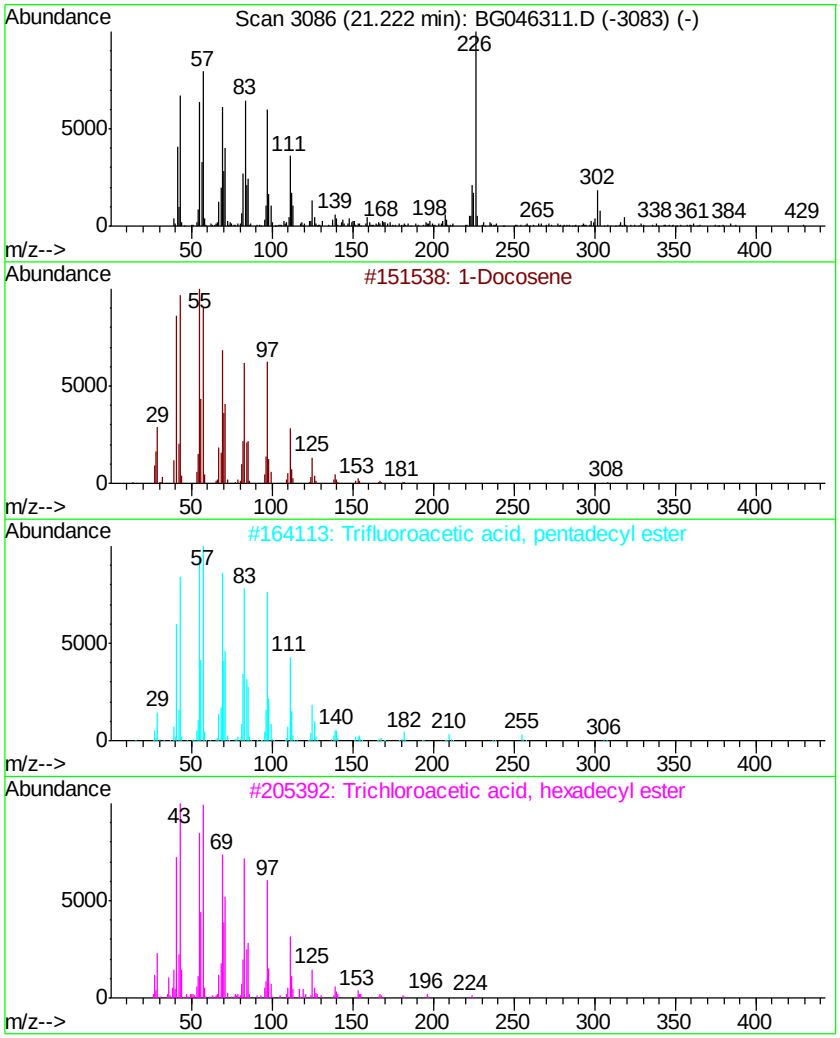
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

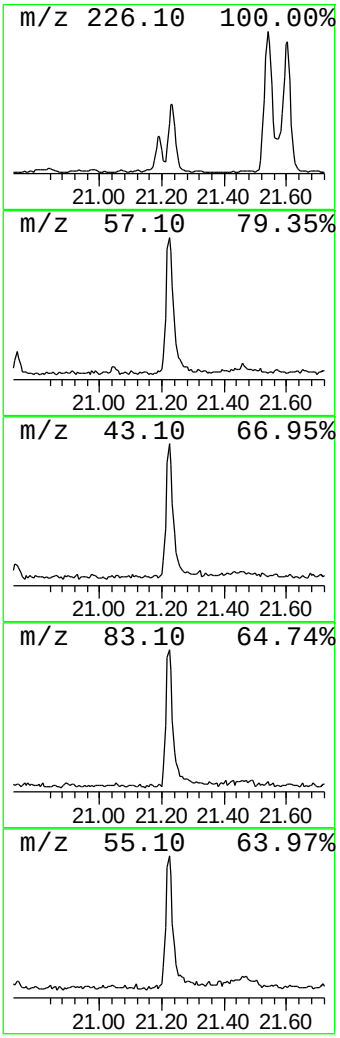
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.22	4.15 ng/ul	512711	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	91
2	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	78
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	60
4	Cyclotetracosane	336	C24H48	000297-03-0	55
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046311.D
Acq On : 18 Aug 2020 1:17
Operator : CG/JU
Sample : L3632-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM92

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

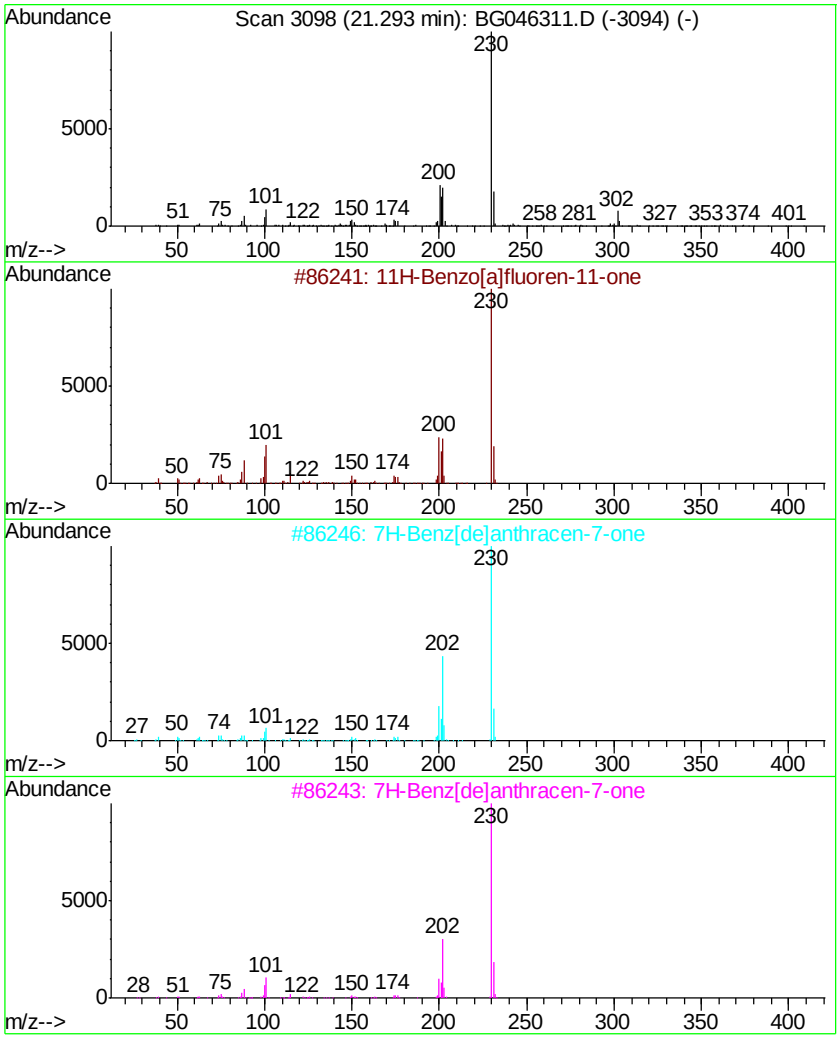
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

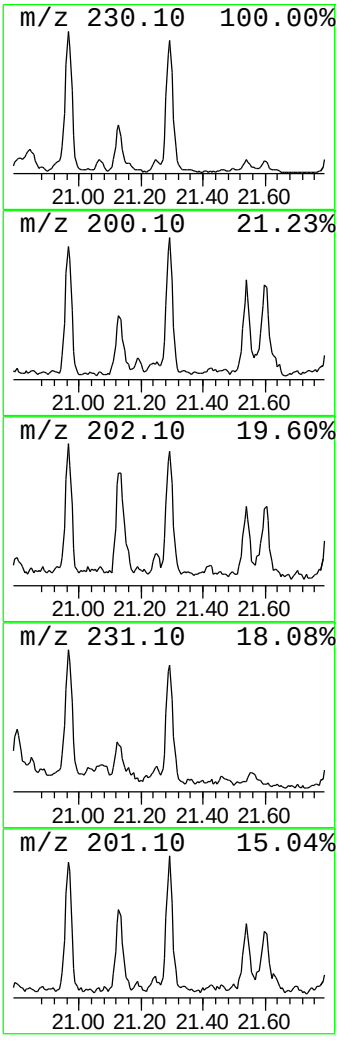
****

Peak Number 26 7H-Benz[de]anthracen-7-one Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.29	2.09 ng/ul	258667	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	90
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	76
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	62
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	53
5	Benzo(a)phenazine	230	C16H10N2	000225-61-6	47





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046311.D
Acq On : 18 Aug 2020 1:17
Operator : CG/JU
Sample : L3632-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM92

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

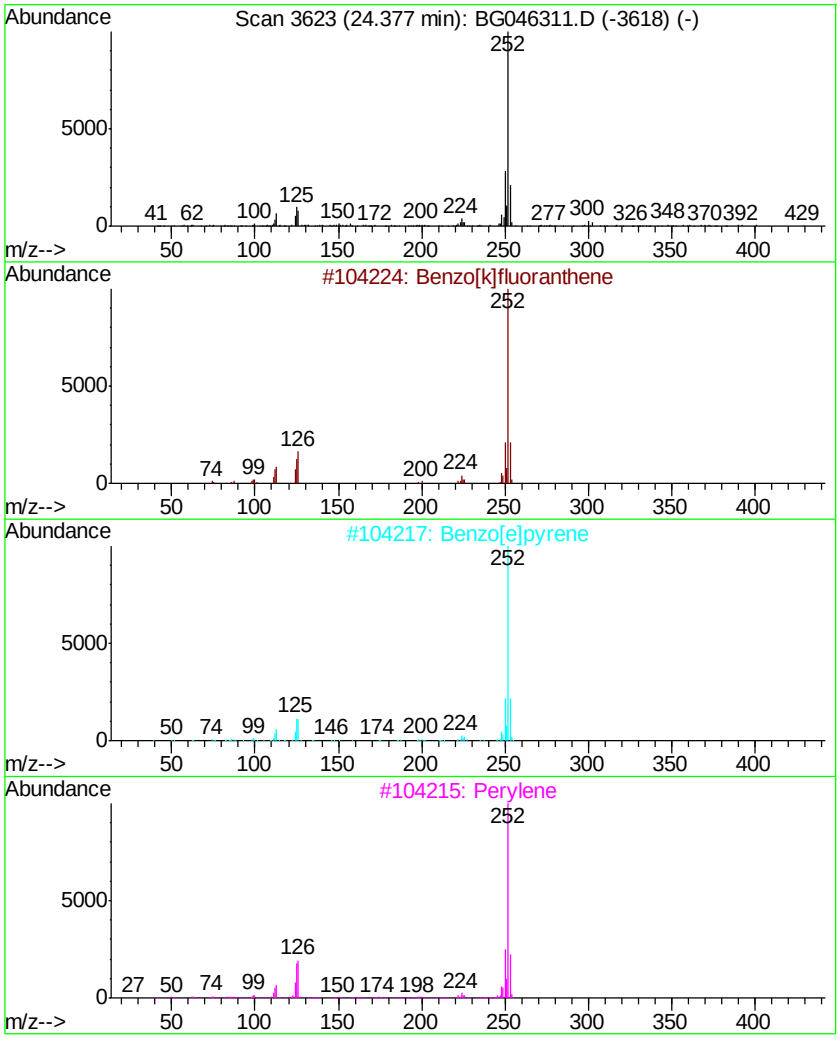
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

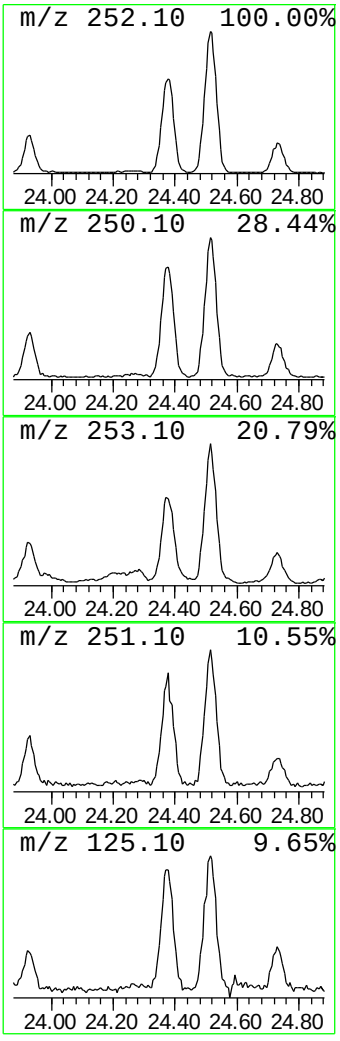
****

Peak Number 27 Benzo[e]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.38	5.05 ng/ul	302656	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
2	Benzo[e]pyrene	252	C20H12	000192-97-2	96
3	Perylene	252	C20H12	000198-55-0	95
4	Perylene	252	C20H12	000198-55-0	95
5	Benzo[a]pyrene	252	C20H12	000050-32-8	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081720\
Data File : BG046311.D
Acq On : 18 Aug 2020 1:17
Operator : CG/JU
Sample : L3632-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM92

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	88.7	ng/ul	1896310	1	7.94	427511	20.0
4H-Imidazol-4-one...	7.11	7.3	ng/ul	156073	1	7.94	427511	20.0
unknown-01	7.27	6.2	ng/ul	132692	1	7.94	427511	20.0
unknown-02	7.47	7.8	ng/ul	166290	1	7.94	427511	20.0
unknown-03	8.65	8.9	ng/ul	190555	1	7.94	427511	20.0
unknown-04	9.09	7.9	ng/ul	168295	1	7.94	427511	20.0
unknown-05	9.82	4.2	ng/ul	141151	2	10.73	680318	20.0
unknown-06	10.86	4.4	ng/ul	148801	2	10.73	680318	20.0
Benzenamine, N,N-...	13.97	8.3	ng/ul	430870	3	14.57	1042590	20.0
Phthalic acid, me...	14.02	4.0	ng/ul	208834	3	14.57	1042590	20.0
unknown-07	14.77	2.1	ng/ul	109673	3	14.57	1042590	20.0
unknown-08	15.68	2.9	ng/ul	150747	3	14.57	1042590	20.0
5H-Indeno[1,2-b]p...	17.71	2.2	ng/ul	150957	4	17.31	1348870	20.0
Phenanthrene, 2-m...	18.18	3.9	ng/ul	262969	4	17.31	1348870	20.0
1H-Cyclopropa[l]p...	18.23	5.3	ng/ul	359145	4	17.31	1348870	20.0
Benzaldehyde, 3,5...	18.38	5.3	ng/ul	359003	4	17.31	1348870	20.0
1H-Indene, 2-phenyl-	18.41	2.2	ng/ul	149215	4	17.31	1348870	20.0
Naphthalene, 2-ph...	18.68	2.9	ng/ul	196754	4	17.31	1348870	20.0
9,10-Anthracenedione	18.72	2.9	ng/ul	194667	4	17.31	1348870	20.0
Anthracene, 1,4-d...	19.10	2.9	ng/ul	193876	4	17.31	1348870	20.0
Cyclopenta(def)ph...	19.24	2.7	ng/ul	180338	4	17.31	1348870	20.0
11H-Benzo[b]fluorene	20.21	2.1	ng/ul	254246	5	21.56	2471250	20.0
Pyrene, 1-methyl-	20.37	2.1	ng/ul	257836	5	21.56	2471250	20.0
11H-Benzo[a]fluor...	20.96	2.2	ng/ul	271334	5	21.56	2471250	20.0
(DEL) Alkane: Str...	21.22	4.2	ng/ul	512711	5	21.56	2471250	20.0
7H-Benz[de]anthra...	21.29	2.1	ng/ul	258667	5	21.56	2471250	20.0
Benzo[e]pyrene	24.38	5.0	ng/ul	302656	6	24.67	1197840	20.0