LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046323.D
Acq On : 18 Aug 2020 11:47
Operator : CG/JU
Sample : L3636-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMJ7

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	3.142	4	9	39	rVB	1289772	2069494	100.00%	9.878%
2	3.917	136	141	148	rVB	24446	36030	1.74%	0.172%
3	4.052	159	164	169	rVB3	12018	17159	0.83%	0.082%
4	5.051	329	334	339	rBV	10967	17004	0.82%	0.081%
5	7.108	676	684	694	rBV	62654	118027	5.70%	0.563%
6	7.266	704	711	721	rBV	65311	113149	5.47%	0.540%
7	7.472	740	746	753	rBV2	70540	124477	6.01%	0.594%
8	7.942	819	826	837	rBV	279749	482428	23.31%	2.303%
9	8.647	938	946	954	rBV2	71378	133552	6.45%	0.637%
10	9.094	1015	1022	1032	rVB	70403	131467	6.35%	0.628%
11	9.816	1138	1145	1155	rVB	59990	109726	5.30%	0.524%
12	10.357	1231	1237	1254	rBV	84142	163619	7.91%	0.781%
13	10.733	1293	1301	1308	rBV	401639	739623	35.74%	3.530%
14	10.786	1308	1310	1317	rVB	13260	17583	0.85%	0.084%
15	10.868	1317	1324	1336	rBV2	52005	112745	5.45%	0.538%
16	12.396	1579	1584	1593	rVB2	9727	17099	0.83%	0.082%
17	12.607	1616	1620	1629	rVB3	8389	15367	0.74%	0.073%
18	13.747	1807	1814	1822	rVB3	5118	10881	0.53%	0.052%
19	13.894	1832	1839	1843	rBV3	10180	17253	0.83%	0.082%
20	13.970	1843	1852	1856	rVV	235965	343273	16.59%	1.639%
21	14.017	1856	1860	1865	rVV	63088	88977	4.30%	0.425%
22	14.258	1893	1901	1912	rBV	219306	364704	17.62%	1.741%
23	14.570	1944	1954	1960	rBV	692547	1066614	51.54%	5.091%
24	14.628	1960	1964	1972	rVV	40843	62687	3.03%	0.299%
25	14.769	1980	1988	2000	rBV3	23899	57903	2.80%	0.276%
26	14.963	2017	2021	2029	rVV	35220	56768	2.74%	0.271%
27	15.369	2082	2090	2091	rBV3	5379	10233	0.49%	0.049%
28	15.557	2115	2122	2127	rBV	333694	489581	23.66%	2.337%
29	15.610	2127	2131	2137	rVV	53419	78045	3.77%	0.373%
30	15.674	2137	2142	2150	rVV	43349	72335	3.50%	0.345%
31	15.780	2156	2160	2166	rVB4	6937	11520	0.56%	0.055%
32	15.909	2178	2182	2189	rVB2	19872	31062	1.50%	0.148%
33	16.056	2202	2207	2215	rVB	22264	46628	2.25%	0.223%
34	16.250	2235	2240	2242	rBV	8963	11108	0.54%	0.053%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046323.D
Acq On : 18 Aug 2020 11:47
Operator : CG/JU
Sample : L3636-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMJ7

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	16.291	2242	2247	2251	rVB7	7838	11792	0.57%	0.056%
36	16.591	2290	2298	2300	rBV6	9685	20852	1.01%	0.100%
37	16.620	2300	2303	2307	rVV4	13674	21004	1.01%	0.100%
38	16.667	2307	2311	2317	rVB5	7457	13123	0.63%	0.063%
39	16.849	2334	2342	2346	rBV4	14197	29657	1.43%	0.142%
40	16.890	2346	2349	2352	rVV3	11789	16338	0.79%	0.078%
41	16.961	2356	2361	2369	rVB	37403	62031	3.00%	0.296%
42	17.049	2369	2376	2386	rBV7	17020	58598	2.83%	0.280%
43	17.125	2386	2389	2394	rVB	23847	33642	1.63%	0.161%
44	17.308	2414	2420	2424	rBV	829000	1279669	61.83%	6.108%
45	17.349	2424	2427	2432	rVV	510134	727795	35.17%	3.474%
46	17.407	2432	2437	2441	rVV	335409	536514	25.92%	2.561%
47	17.443	2441	2443	2448	rVB	102809	120395	5.82%	0.575%
48	17.496	2448	2452	2459	rVB6	11022	19588	0.95%	0.094%
49	17.707	2479	2488	2492	rBV3	51788	95898	4.63%	0.458%
50	17.830	2505	2509	2513	rVB3	14568	19653	0.95%	0.094%
51	17.889	2515	2519	2527	rVB7	14821	20226	0.98%	0.097%
52	18.030	2540	2543	2547	rVB4	5588	9047	0.44%	0.043%
53	18.101	2552	2555	2560	rVB6	8488	13017	0.63%	0.062%
54	18.183	2560	2569	2574	rBV	80551	151580	7.32%	0.724%
55	18.236	2574	2578	2583	rVV	116051	178891	8.64%	0.854%
56	18.312	2587	2591	2595	rVB	39633	58968	2.85%	0.281%
57	18.383	2595	2603	2606	rBV2	95829	186999	9.04%	0.893%
58	18.418	2606	2609	2614	rVB	57520	76458	3.69%	0.365%
59	18.506	2616	2624	2625	rBV6	10261	20416	0.99%	0.097%
60	18.524	2625	2627	2632	rVV3	13277	19230	0.93%	0.092%
61	18.565	2632	2634	2638	rVV5	6624	10320	0.50%	0.049%
62	18.618	2640	2643	2645	rVV3	10064	11102	0.54%	0.053%
63	18.682	2649	2654	2657	rVV	71550	105142	5.08%	0.502%
64	18.718	2657	2660	2665	rVV2	74245	109122	5.27%	0.521%
65	18.806	2672	2675	2683	rVB5	10584	21569	1.04%	0.103%
66	18.929	2692	2696	2701	rVB3	23632	28620	1.38%	0.137%
67	18.982	2701	2705	2708	rBV	18944	25208	1.22%	0.120%
68	19.017	2708	2711	2716	rVB4	24946	32053	1.55%	0.153%
69	19.100	2720	2725	2730	rBV2	52776	95562	4.62%	0.456%
70	19.164	2730	2736	2738	rBV5	19612	40520	1.96%	0.193%
71	19.235	2744	2748	2757	rVB	55829	92243	4.46%	0.440%

LSC Area Percent Report

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Data File : BG046323.D
Acq On : 18 Aug 2020 11:47
Operator : CG/JU
Sample : L3636-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMJ7

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	19.358	2764	2769	2776	rVB	716266	987423	47.71%	4.713%
73	19.423	2778	2780	2783	rVV2	13503	15317	0.74%	0.073%
74	19.458	2783	2786	2791	rVB5	19691	28506	1.38%	0.136%
75	19.505	2791	2794	2798	rBV2	16871	24091	1.16%	0.115%
76	19.552	2798	2802	2805	rBV4	24630	33319	1.61%	0.159%
77	19.599	2808	2810	2813	rVB2	14674	18710	0.90%	0.089%
78	19.693	2820	2826	2828	rBV2	520295	775921	37.49%	3.704%
79	19.722	2828	2831	2839	rVV	560432	792028	38.27%	3.781%
80	19.793	2839	2843	2849	rVV2	40122	78387	3.79%	0.374%
81	19.899	2857	2861	2866	rVB	45750	64030	3.09%	0.306%
82	20.051	2880	2887	2891	rBV2	68620	170300	8.23%	0.813%
83	20.175	2905	2908	2911	rBV4	38492	64014	3.09%	0.306%
84	20.210	2911	2914	2918	rVB	99584	129678	6.27%	0.619%
85	20.310	2928	2931	2935	rBV	50090	70254	3.39%	0.335%
86	20.369	2936	2941	2946	rVB2	70397	134662	6.51%	0.643%
87	20.451	2952	2955	2960	rVB3	24476	41846	2.02%	0.200%
88	20.510	2962	2965	2968	rVV	35851	45625	2.20%	0.218%
89	20.557	2971	2973	2977	rVB4	40697	44426	2.15%	0.212%
90	20.962	3038	3042	3049	rVB	84688	131682	6.36%	0.629%
91	21.191	3077	3081	3083	rBV	58903	76854	3.71%	0.367%
92	21.226	3083	3087	3093	rVV4	177395	336791	16.27%	1.608%
93	21.291	3094	3098	3104	rVB	69270	115710	5.59%	0.552%
94	21.555	3135	3143	3147	rBV2	973001	1970234	95.20%	9.405%
95	21.597	3147	3150	3163	rVB	272870	468453	22.64%	2.236%
96	23.682	3497	3505	3512	rBV2	195792	632217	30.55%	3.018%
97	23.806	3521	3526	3530	rBV2	65548	119859	5.79%	0.572%
98	24.440	3629	3634	3641	rBV	146821	337569	16.31%	1.611%
99	24.517	3641	3647	3653	rVB	134098	309212	14.94%	1.476%
100	24.658	3663	3671	3680	rBV2	496448	1321552	63.86%	6.308%

Sum of corrected areas: 20949633

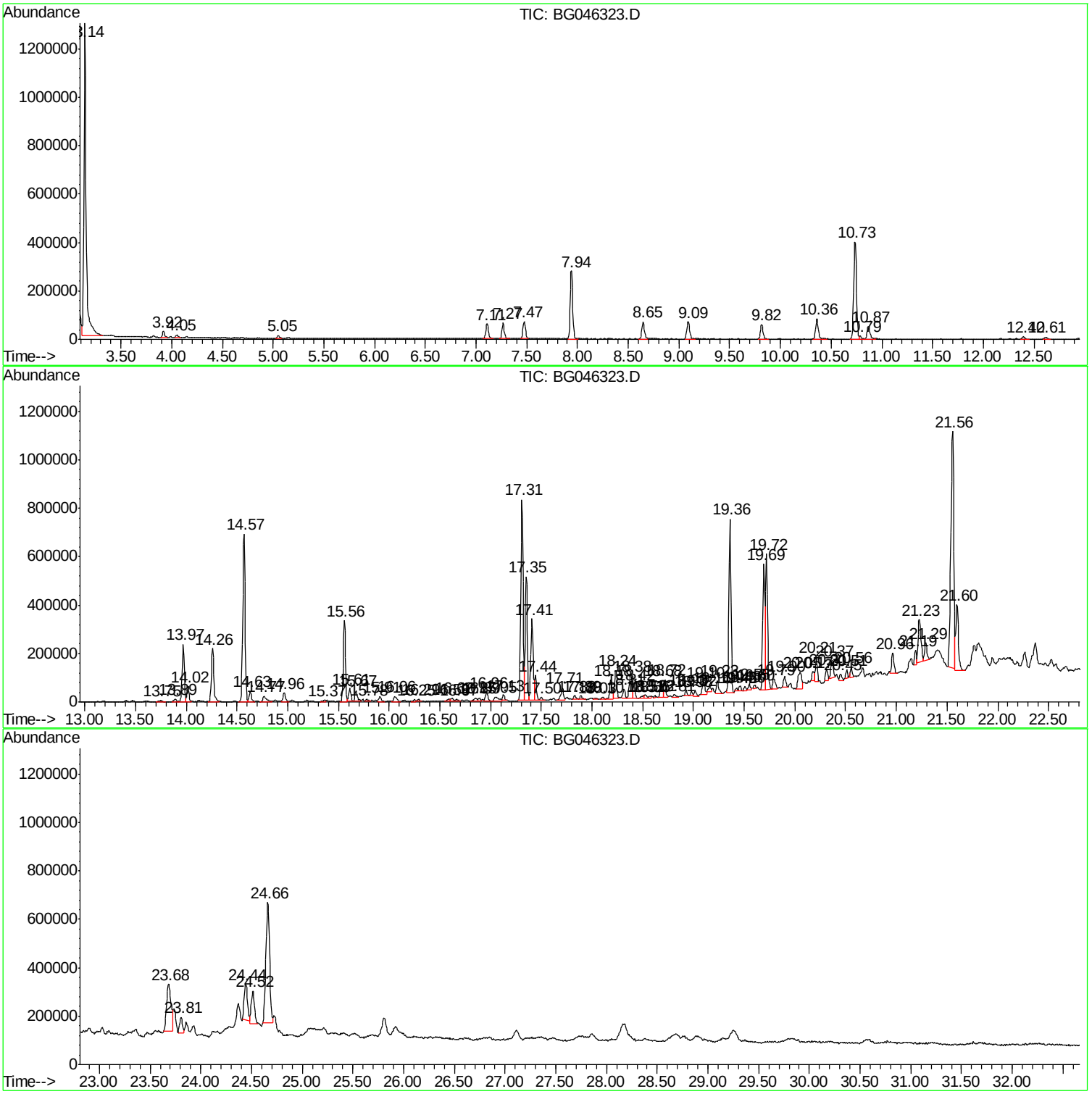
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046323.D
Acq On : 18 Aug 2020 11:47
Operator : CG/JU
Sample : L3636-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMJ7

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

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046323.D
Acq On : 18 Aug 2020 11:47
Operator : CG/JU
Sample : L3636-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMJ7

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

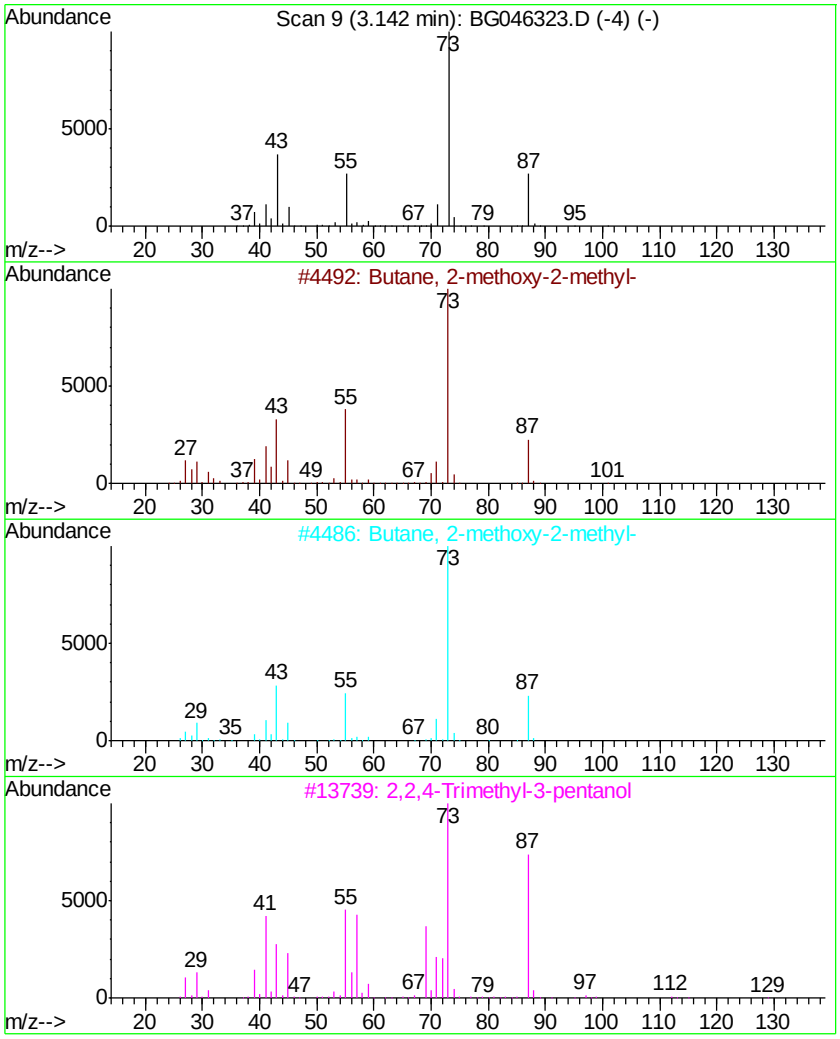
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

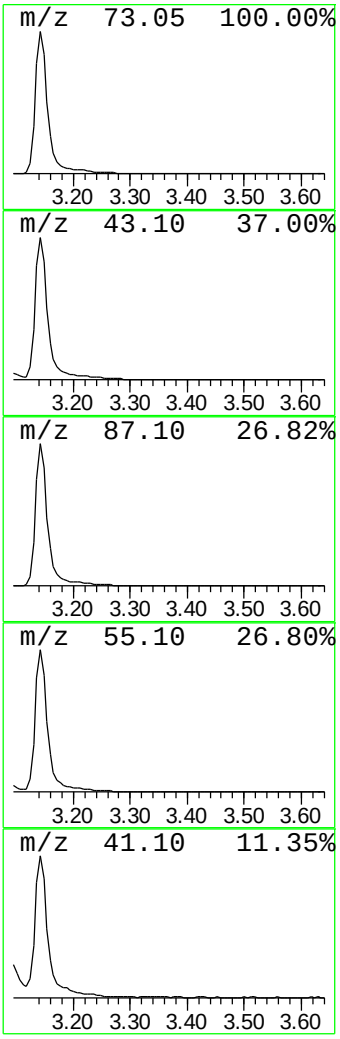
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.14	85.79 ng/ul	2069490	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	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046323.D
Acq On : 18 Aug 2020 11:47
Operator : CG/JU
Sample : L3636-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMJ7

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

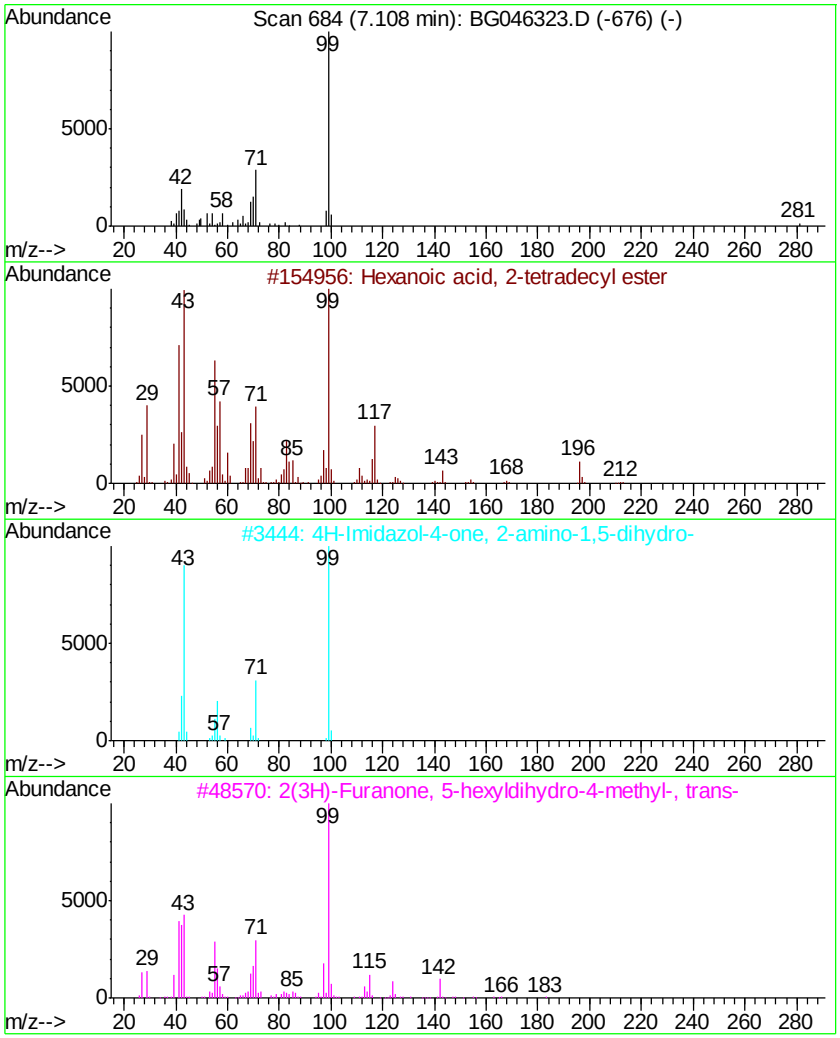
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

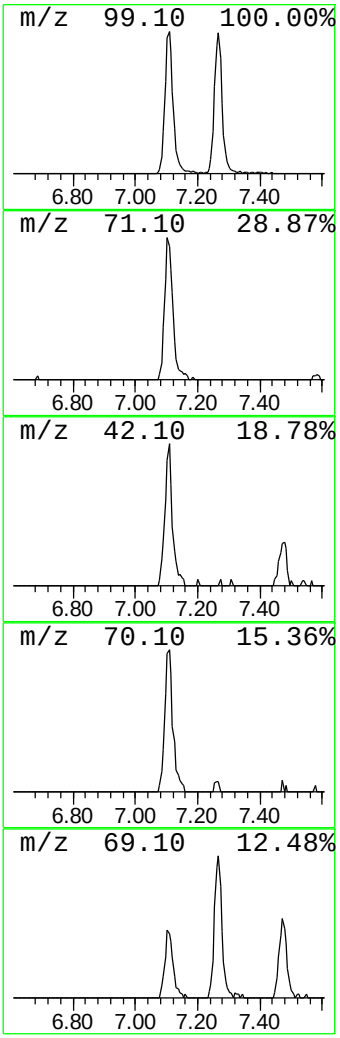
****

Peak Number 2 Hexanoic acid, 2-tetradecyl... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.11	4.89 ng/ul	118027	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-tetradecyl ester	312	C20H40O2	055193-21-0	64
2	4H-Imidazol-4-one, 2-amino-1,5-d...	99	C3H5N3O	000503-86-6	59
3	2(3H)-Furanone, 5-hexyldihydro-4...	184	C11H20O2	147254-33-9	56
4	Hexanoic acid, 3-tetradecyl ester	312	C20H40O2	1000279-29-7	50
5	Hexanoic acid, 3-tridecyl ester	298	C19H38O2	1000279-29-2	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046323.D
Acq On : 18 Aug 2020 11:47
Operator : CG/JU
Sample : L3636-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMJ7

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

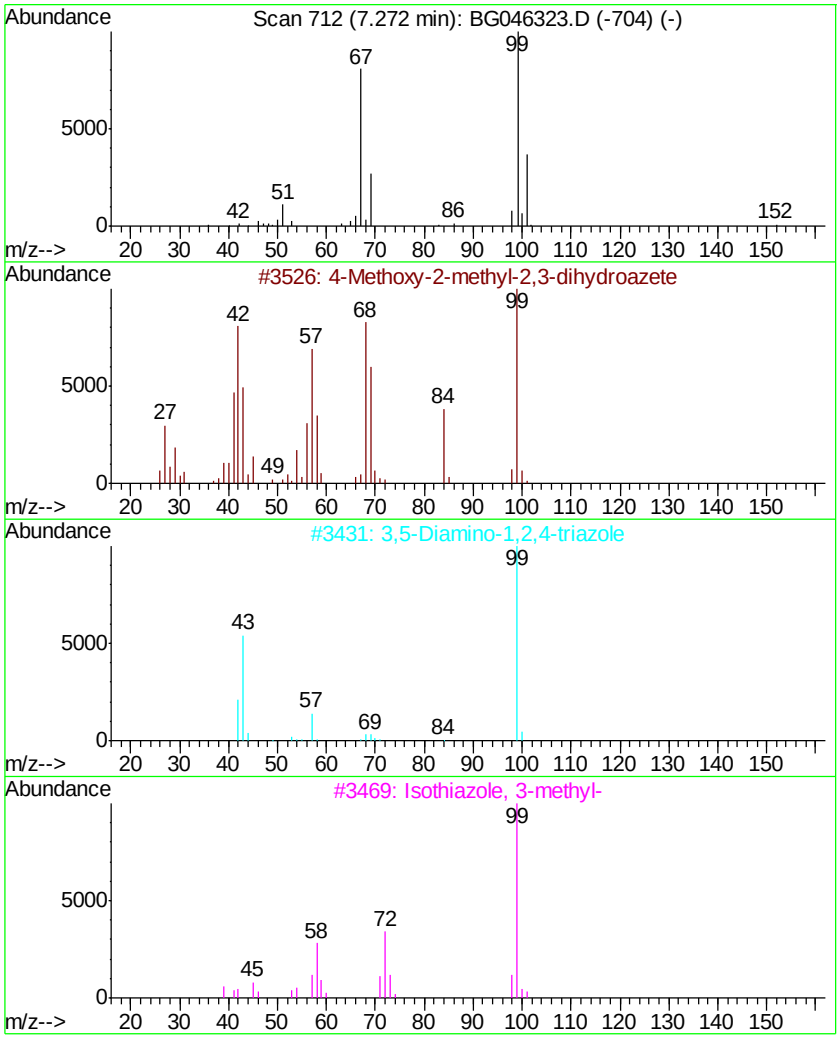
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

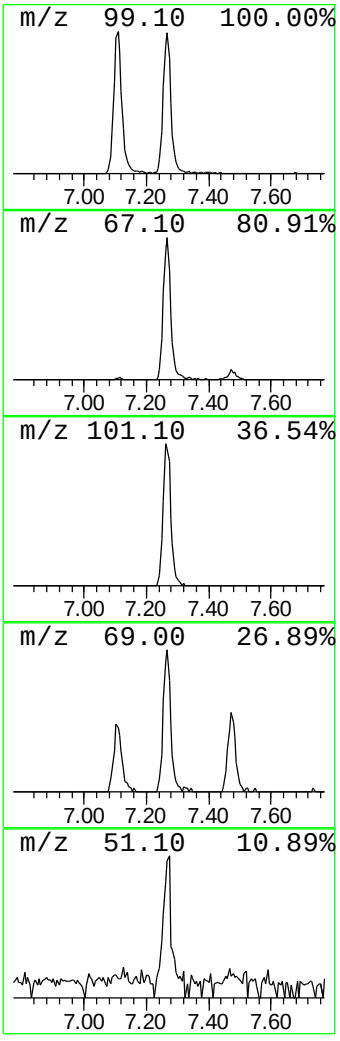
****

Peak Number 3 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.27	4.69 ng/ul	113149	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methoxy-2-methyl-2,3-dihydroazete	99	C5H9NO	1000194-07-0	27
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	4-Methylthiazole	99	C4H5NS	000693-95-8	9
5	3,5-Diamino-1,2,4-triazole	99	C2H5N5	001455-77-2	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046323.D
Acq On : 18 Aug 2020 11:47
Operator : CG/JU
Sample : L3636-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMJ7

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

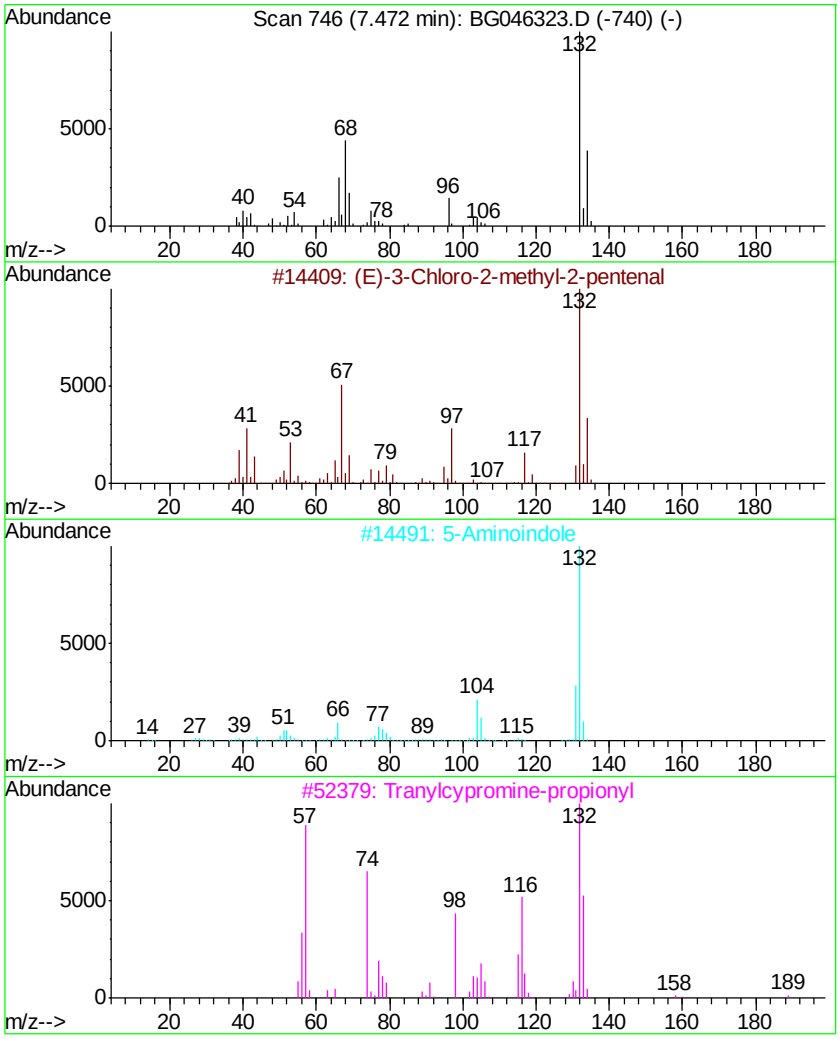
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

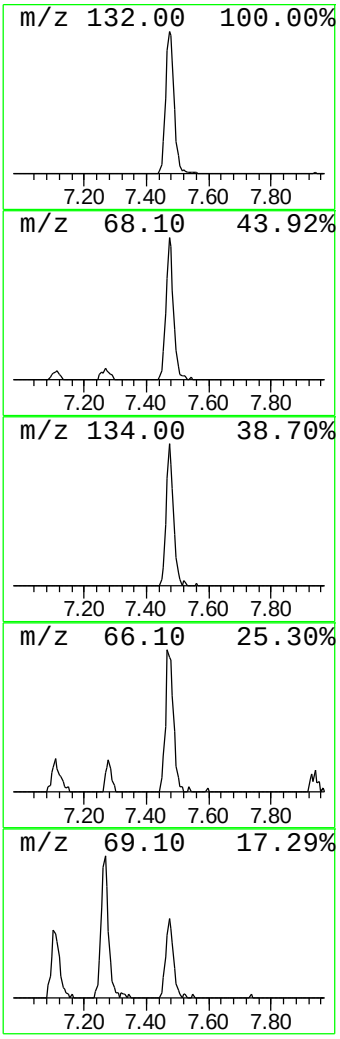
****

Peak Number 4 unknown-02 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	5.16 ng/ul	124477	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	38
2	5-Aminoindole	132	C8H8N2	005192-03-0	22
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	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\BG081720\
Data File : BG046323.D
Acq On : 18 Aug 2020 11:47
Operator : CG/JU
Sample : L3636-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMJ7

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

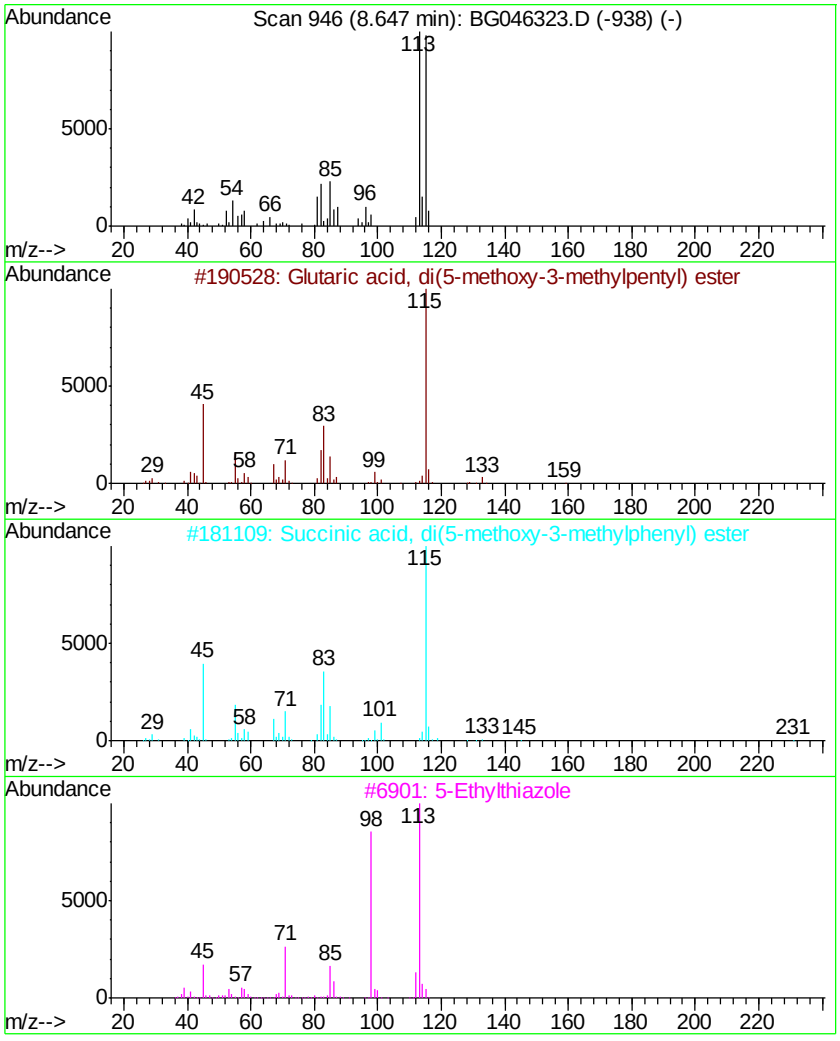
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

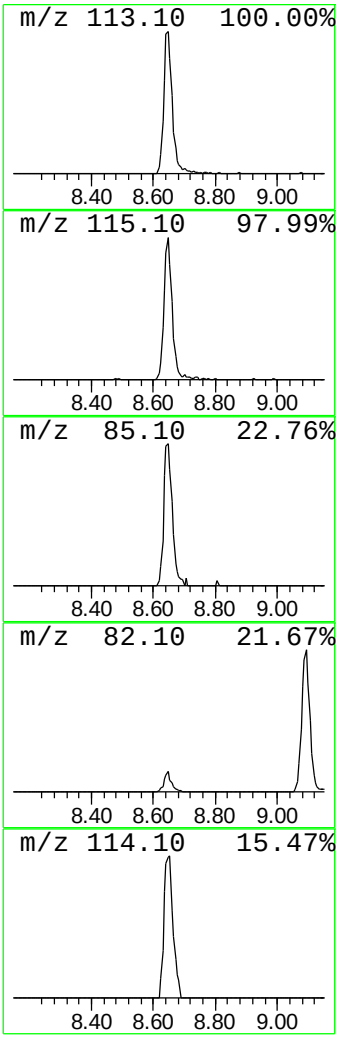
****

Peak Number 5 unknown-03 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	5.54 ng/ul	133552	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	38
2	Succinic acid, di(5-methoxy-3-me...	346	C18H34O6	1000330-26-5	37
3	5-Ethylthiazole	113	C5H7NS	017626-73-2	35
4	Heptanoic acid, anhydride	242	C14H26O3	000626-27-7	17
5	Piperidine-2,5-dione	113	C5H7NO2	052065-78-8	17





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046323.D
Acq On : 18 Aug 2020 11:47
Operator : CG/JU
Sample : L3636-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMJ7

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

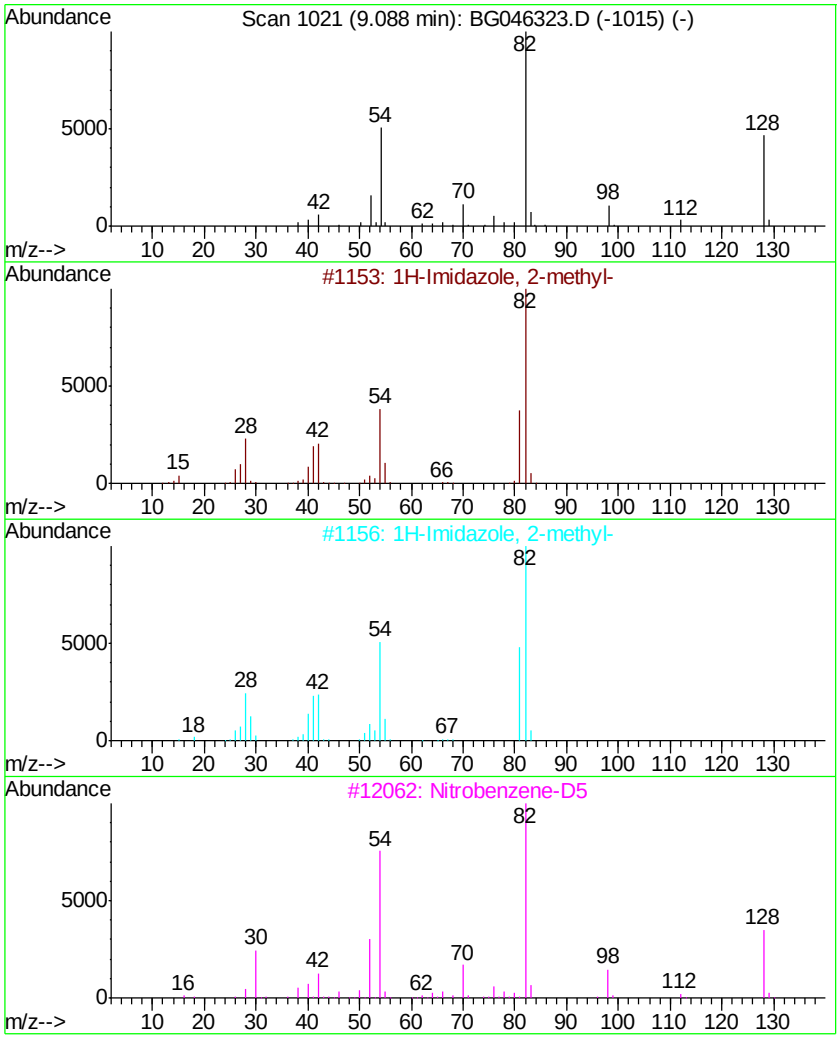
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

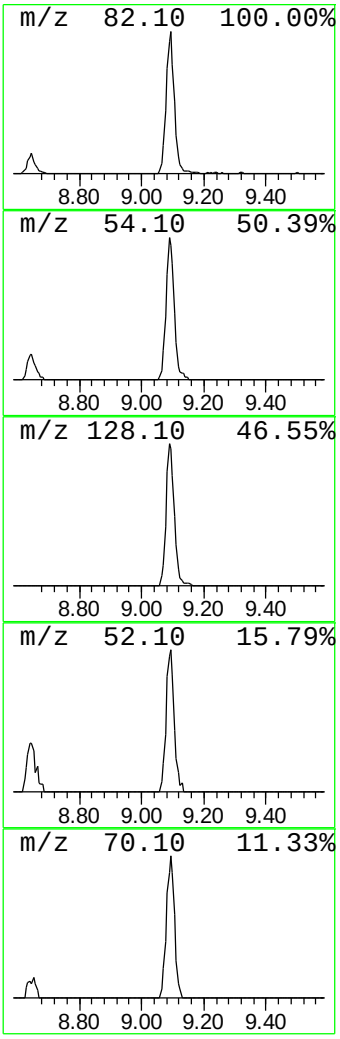
****

Peak Number 6 unknown-04 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	5.45 ng/ul	131467	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Imidazole, 2-methyl-	82	C4H6N2	000693-98-1	40
2	1H-Imidazole, 2-methyl-	82	C4H6N2	000693-98-1	40
3	Nitrobenzene-D5	128	C6D5NO2	004165-60-0	38
4	Nitrobenzene-D5	128	C6D5NO2	004165-60-0	37
5	2-Cyclohexen-1-one, 3-methyl-	110	C7H10O	001193-18-6	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046323.D
Acq On : 18 Aug 2020 11:47
Operator : CG/JU
Sample : L3636-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMJ7

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

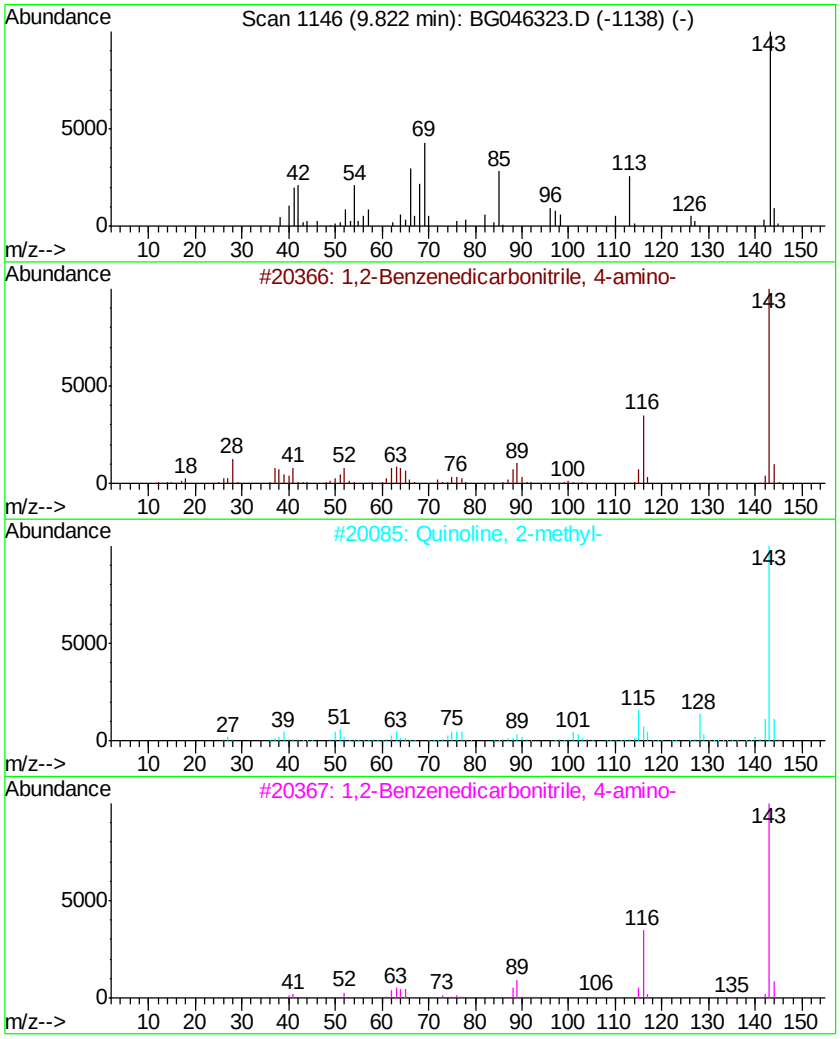
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

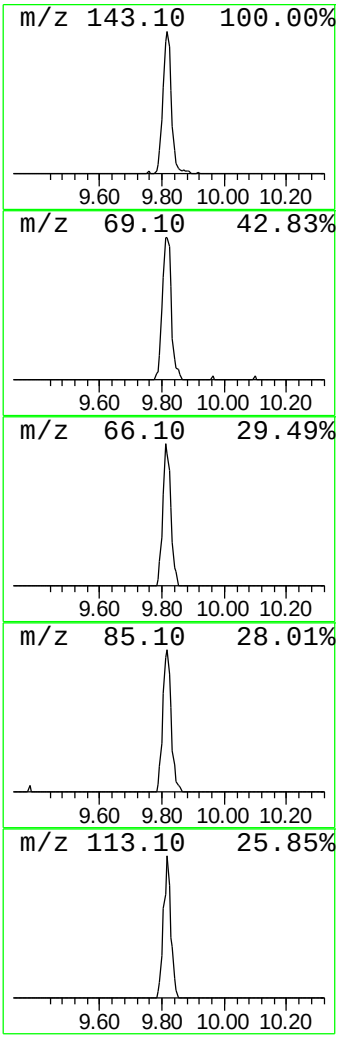
****

Peak Number 7 unknown-05 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	2.97 ng/ul	109726	Naphthalene-d8	10.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarbonitrile, 4-amino-	143	C8H5N3	056765-79-8	14
2	Quinoline, 2-methyl-	143	C10H9N	000091-63-4	9
3	1,2-Benzenedicarbonitrile, 4-amino-	143	C8H5N3	056765-79-8	9
4	1-(1-Butoxypropan-2-yloxy)propan...	274	C15H30O4	1000367-13-0	9
5	Malonic acid, isobutyl 2-methylp...	244	C13H24O4	1000349-04-6	9





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Data File : BG046323.D
Acq On : 18 Aug 2020 11:47
Operator : CG/JU
Sample : L3636-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMJ7

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

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

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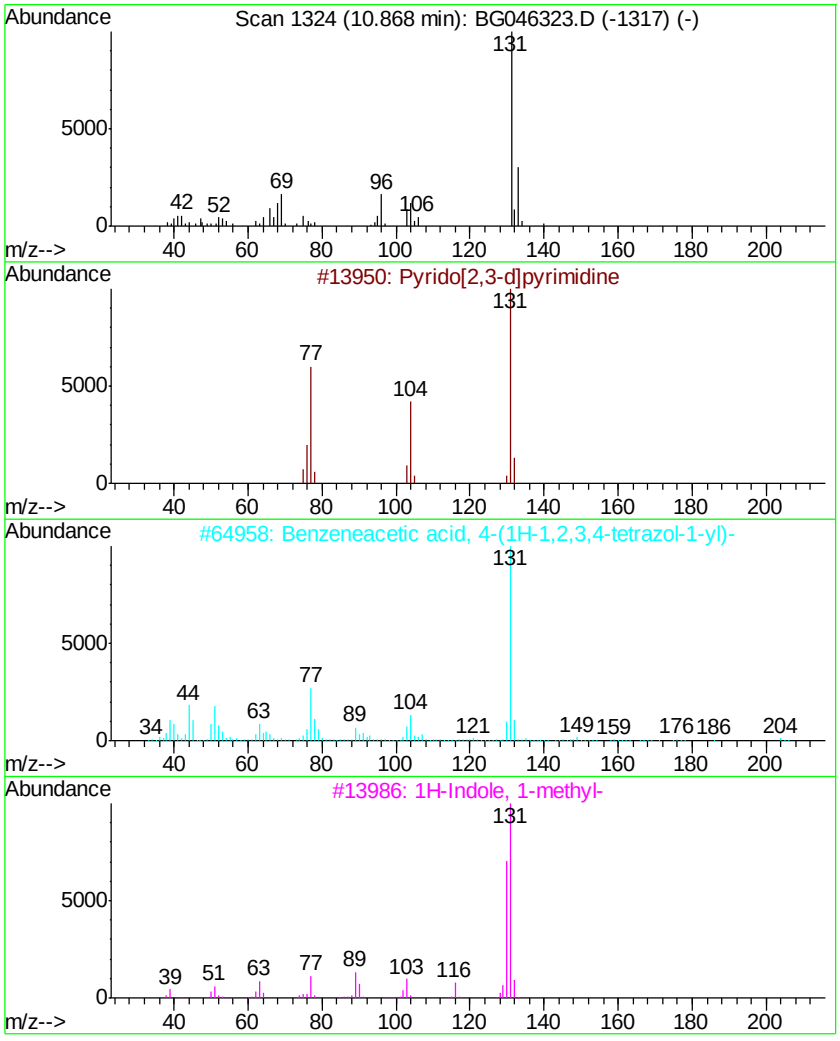
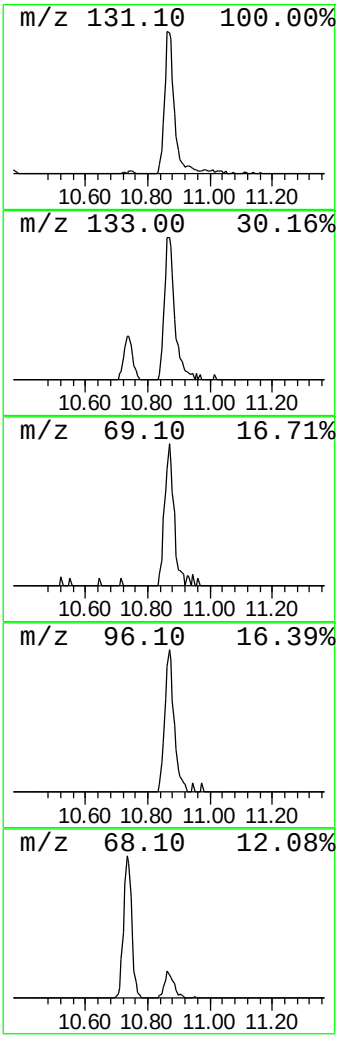
Peak Number 8 unknown-06 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	3.05 ng/ul	112745	Naphthalene-d8	10.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrido[2,3-d]pyrimidine	131	C7H5N3	000254-61-5	33
2	Benzeneacetic acid, 4-(1H-1,2,3,...	204	C9H8N4O2	1000351-56-5	33
3	1H-Indole, 1-methyl-	131	C9H9N	000603-76-9	28
4	4-Pyrimidinamine, 2,6-difluoro-	131	C4H3F2N3	000675-12-7	9
5	Vinyl trans-cinnamate	174	C11H10O2	017719-70-9	9





Library Search Compound Report

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Data File : BG046323.D
Acq On : 18 Aug 2020 11:47
Operator : CG/JU
Sample : L3636-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMJ7

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

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

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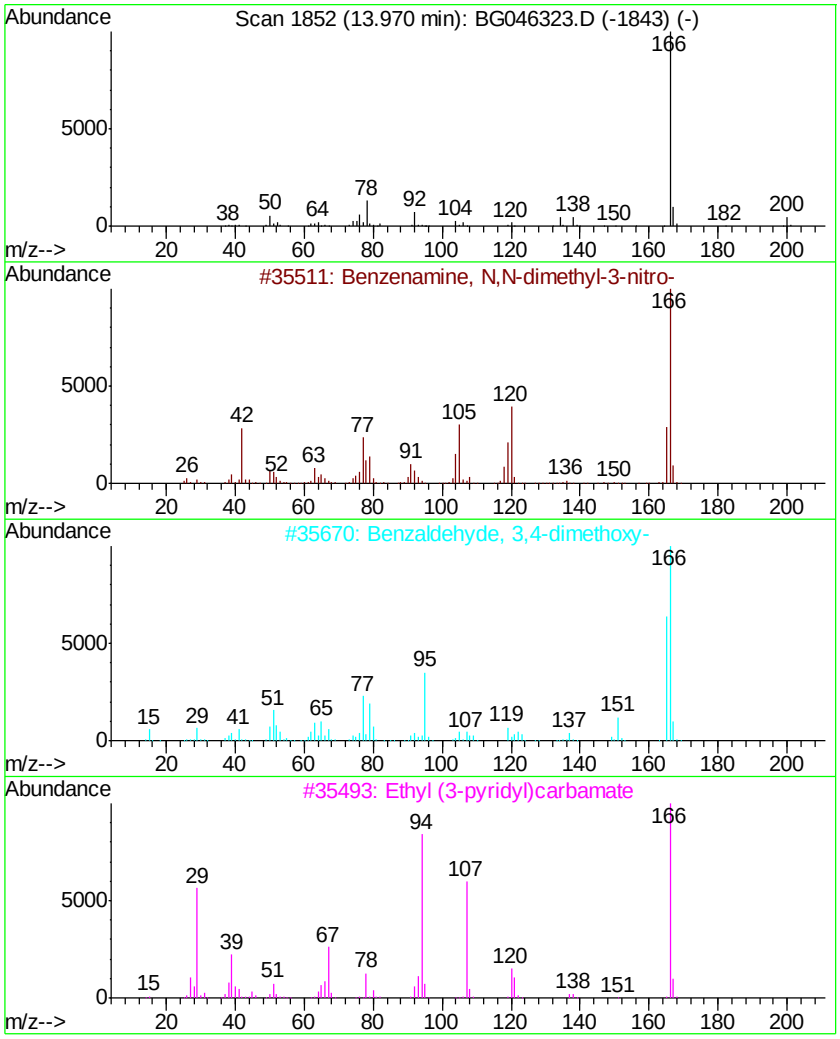
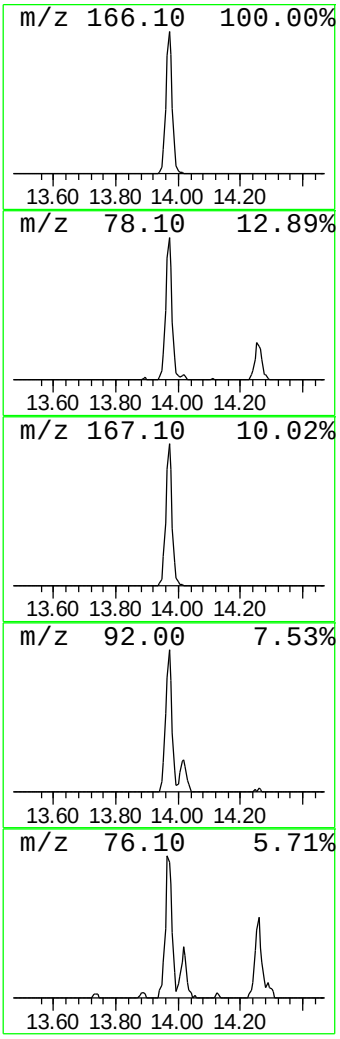
Peak Number 9 Benzenamine, N,N-dimethyl-3... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	6.44 ng/ul	343273	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	1H-Benzimidazole-2-ethanamine, 5...	195	C9H10ClN3	135875-16-0	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046323.D
Acq On : 18 Aug 2020 11:47
Operator : CG/JU
Sample : L3636-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMJ7

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

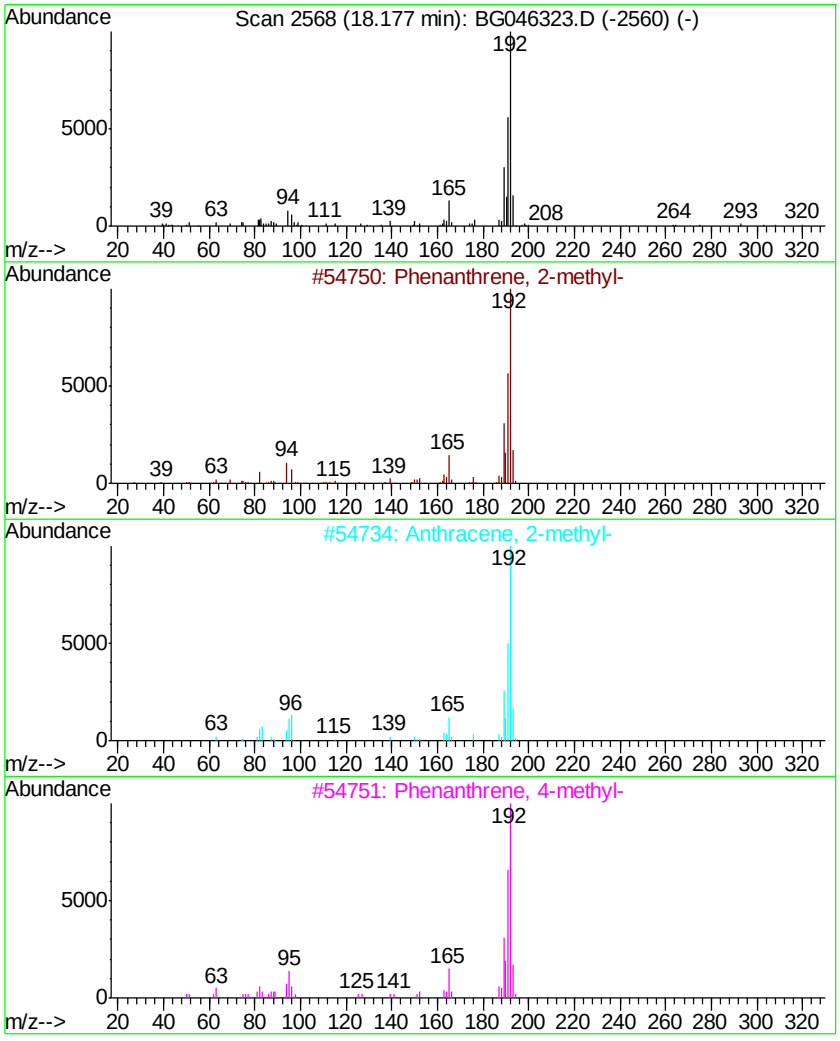
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

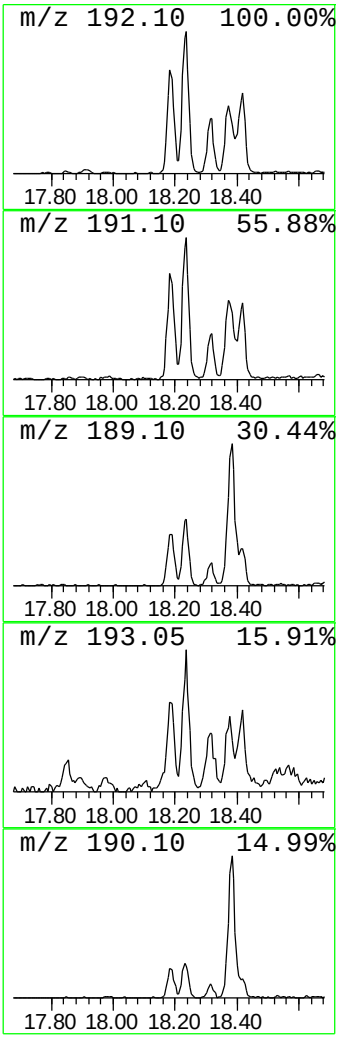
****

Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.18	2.37 ng/ul	151580	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046323.D
Acq On : 18 Aug 2020 11:47
Operator : CG/JU
Sample : L3636-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMJ7

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

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

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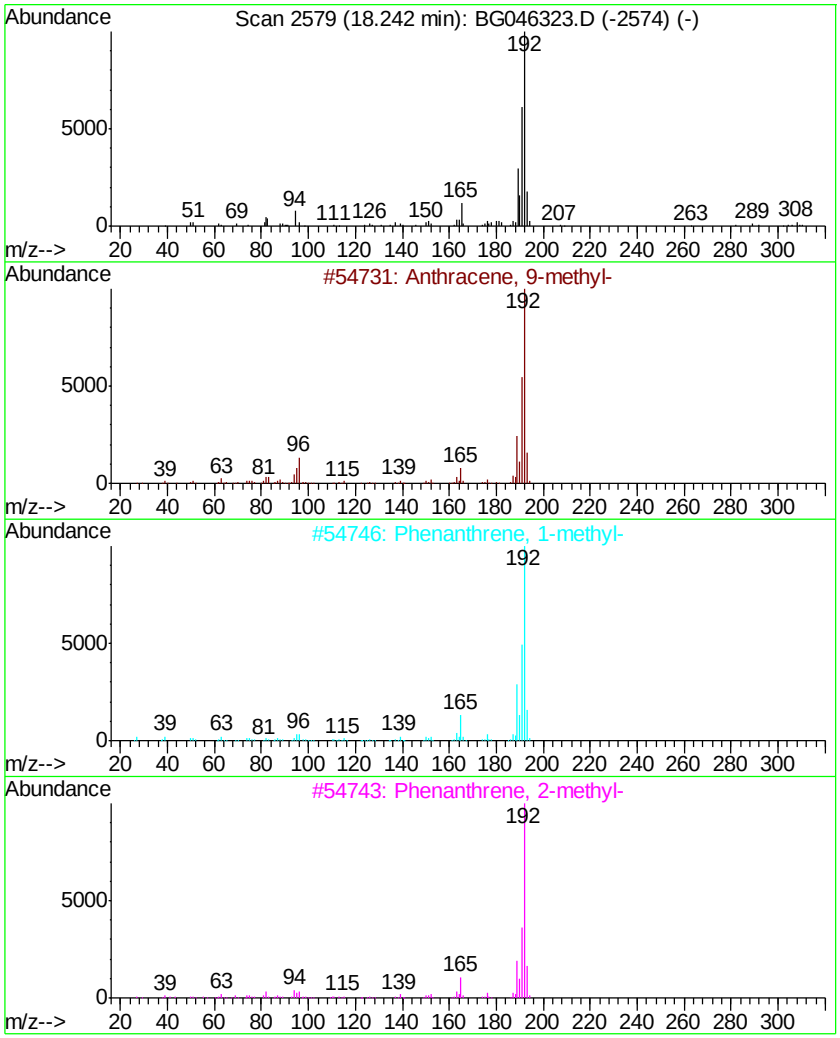
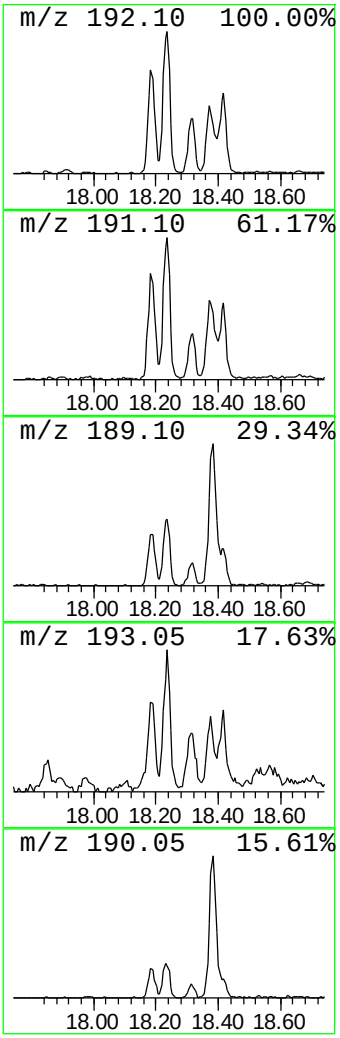
Peak Number 11 Anthracene, 9-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.24	2.80 ng/ul	178891	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046323.D
Acq On : 18 Aug 2020 11:47
Operator : CG/JU
Sample : L3636-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMJ7

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

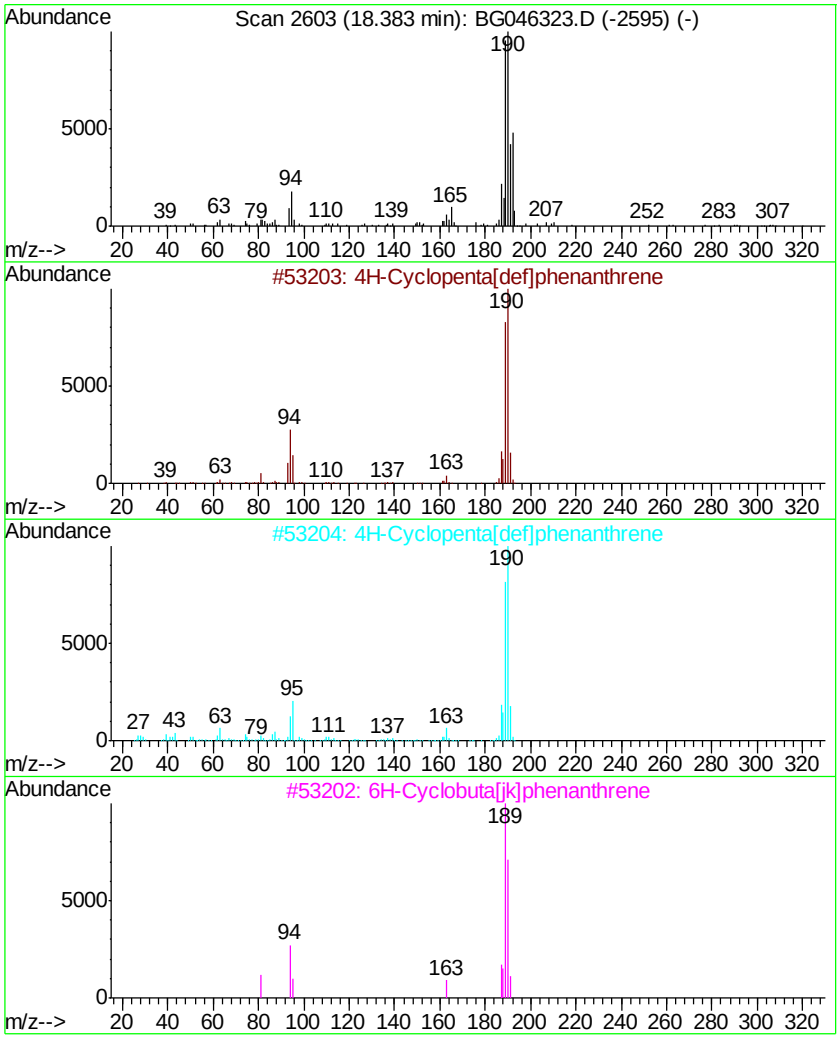
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

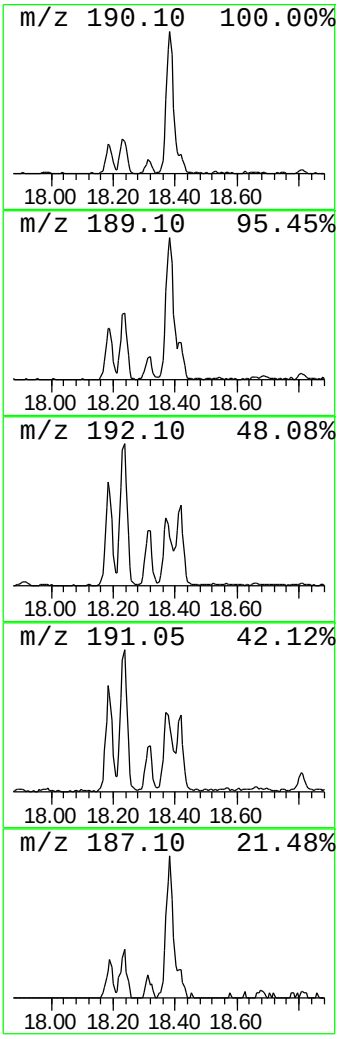
****

Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	2.92 ng/ul	186999	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52
5	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50





Library Search Compound Report

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Data File : BG046323.D
Acq On : 18 Aug 2020 11:47
Operator : CG/JU
Sample : L3636-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMJ7

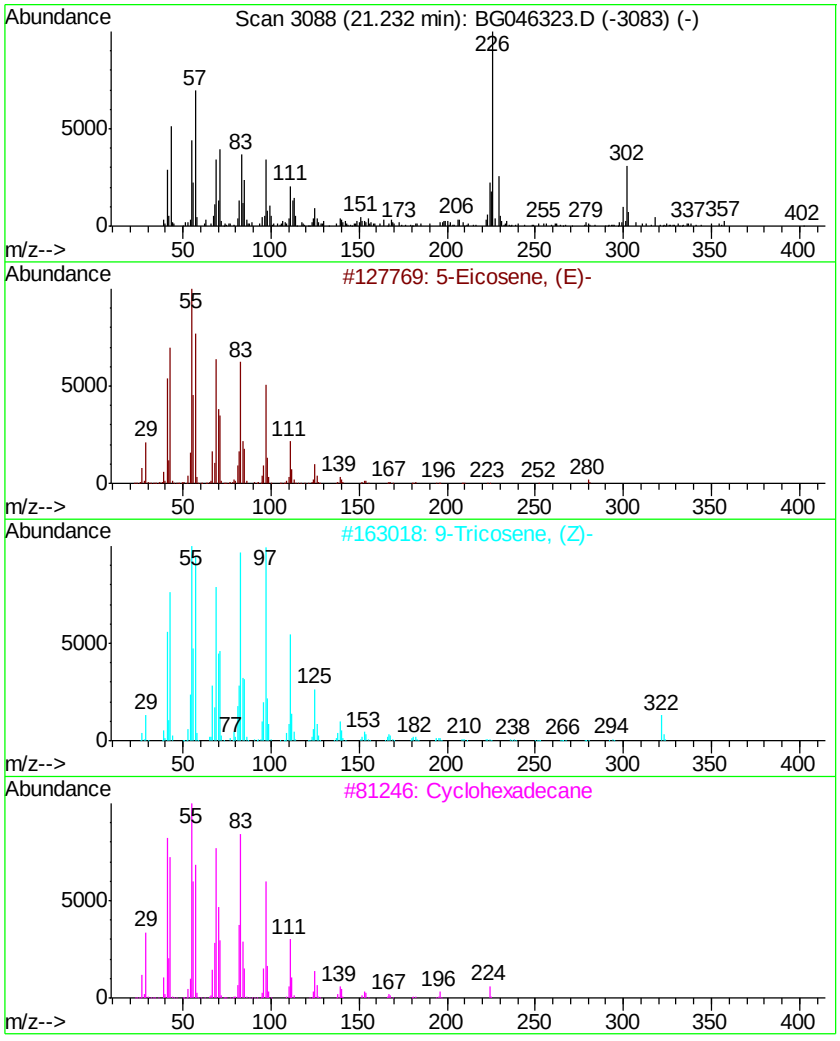
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

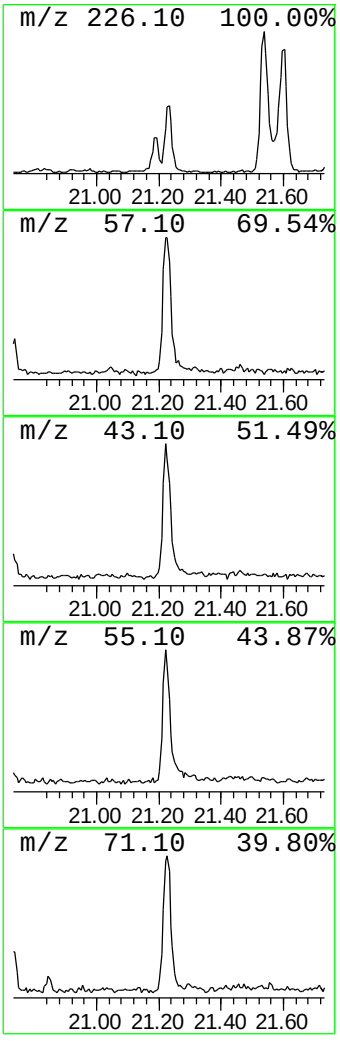
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.23	3.42 ng/ul	336791	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	90
2	9-Tricosene, (Z)-	322	C23H46	027519-02-4	89
3	Cyclohexadecane	224	C16H32	000295-65-8	89
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	78
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	60





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081720\
Data File : BG046323.D
Acq On : 18 Aug 2020 11:47
Operator : CG/JU
Sample : L3636-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMJ7

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	85.8	ng/ul	2069490	1	7.94	482428	20.0
Hexanoic acid, 2-...	7.11	4.9	ng/ul	118027	1	7.94	482428	20.0
unknown-01	7.27	4.7	ng/ul	113149	1	7.94	482428	20.0
unknown-02	7.47	5.2	ng/ul	124477	1	7.94	482428	20.0
unknown-03	8.65	5.5	ng/ul	133552	1	7.94	482428	20.0
unknown-04	9.09	5.5	ng/ul	131467	1	7.94	482428	20.0
unknown-05	9.82	3.0	ng/ul	109726	2	10.74	739623	20.0
unknown-06	10.87	3.0	ng/ul	112745	2	10.74	739623	20.0
Benzenamine, N,N-...	13.97	6.4	ng/ul	343273	3	14.57	1066610	20.0
Phenanthrene, 2-m...	18.18	2.4	ng/ul	151580	4	17.31	1279670	20.0
Anthracene, 9-met...	18.24	2.8	ng/ul	178891	4	17.31	1279670	20.0
4H-Cyclopenta[def...	18.38	2.9	ng/ul	186999	4	17.31	1279670	20.0
(DEL) Alkane: Str...	21.23	3.4	ng/ul	336791	5	21.56	1970230	20.0