LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046256.D
Acq On : 13 Aug 2020 19:42
Operator : CG/JU
Sample : L3629-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM61

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	3.170	8	14	43	rVB	1568920	3205249	100.00%	12.075%
2	3.422	53	57	62	rVB3	10090	13913	0.43%	0.052%
3	3.845	125	129	132	rVB4	3834	5588	0.17%	0.021%
4	3.939	140	145	153	rBV2	22315	33604	1.05%	0.127%
5	4.010	153	157	161	rVB5	3289	5550	0.17%	0.021%
6	4.075	163	168	175	rVV2	15419	26361	0.82%	0.099%
7	4.163	177	183	192	rVB	16334	27179	0.85%	0.102%
8	5.073	332	338	348	rBV2	14871	26919	0.84%	0.101%
9	7.118	678	686	696	rBV	204466	384904	12.01%	1.450%
10	7.277	705	713	725	rBV	187642	315960	9.86%	1.190%
11	7.482	741	748	756	rBV	216648	387720	12.10%	1.461%
12	7.565	758	762	764	rVV2	7375	11200	0.35%	0.042%
13	7.582	764	765	772	rVB2	5942	8116	0.25%	0.031%
14	7.952	821	828	835	rBV	325422	551873	17.22%	2.079%
15	8.652	938	947	961	rBV	237516	411077	12.83%	1.549%
16	8.769	963	967	975	rVB4	6063	11343	0.35%	0.043%
17	9.104	1015	1024	1034	rBV	204472	377157	11.77%	1.421%
18	9.827	1139	1147	1156	rVB	173088	306446	9.56%	1.155%
19	10.367	1232	1239	1251	rBV	274949	490282	15.30%	1.847%
20	10.743	1293	1303	1311	rBV	450300	825134	25.74%	3.109%
21	10.872	1318	1325	1339	rVV	200367	378500	11.81%	1.426%
22	12.330	1567	1573	1580	rBV3	4527	8611	0.27%	0.032%
23	13.417	1753	1758	1763	rBV5	4138	7049	0.22%	0.027%
24	13.481	1763	1769	1776	rVB	80466	122723	3.83%	0.462%
25	13.981	1845	1854	1858	rBV	551455	805297	25.12%	3.034%
26	14.028	1858	1862	1868	rVB	195705	277429	8.66%	1.045%
27	14.269	1892	1903	1917	rBV	583209	953945	29.76%	3.594%
28	14.574	1948	1955	1964	rBV2	728591	1154974	36.03%	4.351%
29	14.639	1964	1966	1974	rVB3	6772	9236	0.29%	0.035%
30	14.762	1981	1987	1999	rBV	118592	245679	7.66%	0.926%
31	14.979	2019	2024	2030	rVB5	5569	11646	0.36%	0.044%
32	15.391	2087	2094	2098	rVV5	2917	6723	0.21%	0.025%
33	15.567	2117	2124	2131	rBV	854033	1233501	38.48%	4.647%
34	15.620	2131	2133	2137	rVV4	9561	10460	0.33%	0.039%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046256.D
Acq On : 13 Aug 2020 19:42
Operator : CG/JU
Sample : L3629-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM61

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	15.679	2137	2143	2152	rVV	192493	304692	9.51%	1.148%
36	15.802	2159	2164	2168	rBV5	9008	14518	0.45%	0.055%
37	16.061	2202	2208	2209	rBV4	4912	5794	0.18%	0.022%
38	16.296	2244	2248	2251	rBV5	6370	9189	0.29%	0.035%
39	16.630	2297	2305	2310	rVB7	3685	7821	0.24%	0.029%
40	16.860	2337	2344	2348	rBV5	8438	13834	0.43%	0.052%
41	16.901	2348	2351	2353	rVV2	4886	5743	0.18%	0.022%
42	16.971	2357	2363	2370	rVV2	11904	22109	0.69%	0.083%
43	17.053	2372	2377	2379	rVV5	4974	6682	0.21%	0.025%
44	17.100	2381	2385	2388	rVV5	5588	9412	0.29%	0.035%
45	17.136	2388	2391	2397	rVB3	6167	9663	0.30%	0.036%
46	17.318	2414	2422	2426	rBV	912584	1398472	43.63%	5.269%
47	17.359	2426	2429	2433	rVV	160127	226542	7.07%	0.853%
48	17.412	2433	2438	2451	rVV2	837229	1303393	40.66%	4.910%
49	17.500	2451	2453	2460	rVB7	7487	13388	0.42%	0.050%
50	17.712	2481	2489	2493	rBV2	12391	27311	0.85%	0.103%
51	17.835	2504	2510	2514	rVB6	8395	13366	0.42%	0.050%
52	17.894	2517	2520	2524	rBV5	6392	8167	0.25%	0.031%
53	18.111	2554	2557	2562	rBV5	4151	6299	0.20%	0.024%
54	18.217	2566	2575	2578	rBV2	92232	180592	5.63%	0.680%
55	18.317	2589	2592	2599	rVB	11147	14949	0.47%	0.056%
56	18.387	2599	2604	2607	rVV2	36897	66384	2.07%	0.250%
57	18.422	2607	2610	2616	rVB2	26751	40321	1.26%	0.152%
58	18.511	2622	2625	2632	rVB9	6305	13999	0.44%	0.053%
59	18.693	2651	2656	2658	rVV	27794	39063	1.22%	0.147%
60	18.722	2658	2661	2666	rVB2	28332	39720	1.24%	0.150%
61	18.828	2674	2679	2682	rBV7	3819	6521	0.20%	0.025%
62	18.934	2694	2697	2702	rVB5	11628	16046	0.50%	0.060%
63	18.986	2702	2706	2710	rBV2	9797	14998	0.47%	0.057%
64	19.022	2710	2712	2716	rVB5	8584	9903	0.31%	0.037%
65	19.104	2719	2726	2730	rBV3	39848	73513	2.29%	0.277%
66	19.151	2730	2734	2739	rVV7	13786	28899	0.90%	0.109%
67	19.192	2739	2741	2745	rVB4	9662	11341	0.35%	0.043%
68	19.239	2745	2749	2758	rVB3	29461	55026	1.72%	0.207%
69	19.363	2761	2770	2778	rBV	356279	541611	16.90%	2.040%
70	19.486	2788	2791	2794	rBV5	19556	24154	0.75%	0.091%
71	19.556	2800	2803	2805	rBV4	11512	13307	0.42%	0.050%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046256.D
Acq On : 13 Aug 2020 19:42
Operator : CG/JU
Sample : L3629-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM61

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	19.697	2821	2827	2831	rBV	1131621	1790231	55.85%	6.744%
73	19.803	2841	2845	2850	rVB2	18170	29903	0.93%	0.113%
74	19.903	2858	2862	2867	rBV	23773	38810	1.21%	0.146%
75	19.968	2869	2873	2878	rVB2	19084	30352	0.95%	0.114%
76	20.044	2882	2886	2888	rBV3	34966	50181	1.57%	0.189%
77	20.185	2906	2910	2911	rBV2	22435	28180	0.88%	0.106%
78	20.214	2912	2915	2920	rVB	48023	67950	2.12%	0.256%
79	20.320	2929	2933	2937	rBV2	24429	42710	1.33%	0.161%
80	20.373	2937	2942	2947	rVB3	48287	83219	2.60%	0.314%
81	20.449	2953	2955	2956	rBV2	12754	9393	0.29%	0.035%
82	20.520	2962	2967	2970	rBV2	29540	45366	1.42%	0.171%
83	20.561	2970	2974	2978	rVV4	27120	43605	1.36%	0.164%
84	20.967	3040	3043	3051	rVB	51235	78858	2.46%	0.297%
85	21.137	3068	3072	3073	rBV2	27376	35443	1.11%	0.134%
86	21.196	3079	3082	3084	rBV2	30121	37567	1.17%	0.142%
87	21.231	3084	3088	3094	rVV4	253704	374365	11.68%	1.410%
88	21.560	3136	3144	3149	rBV2	1001568	1829995	57.09%	6.894%
89	21.601	3149	3151	3162	rVB	174865	292871	9.14%	1.103%
90	22.371	3279	3282	3289	rVB2	75882	134703	4.20%	0.507%
91	23.041	3392	3396	3401	rVB	69880	110956	3.46%	0.418%
92	23.693	3499	3507	3515	rBV2	123708	426603	13.31%	1.607%
93	23.822	3523	3529	3533	rBV	121986	235311	7.34%	0.887%
94	23.869	3535	3537	3544	rVB6	49324	75983	2.37%	0.286%
95	24.374	3620	3623	3628	rBV2	42839	74625	2.33%	0.281%
96	24.457	3629	3637	3644	rBV	505550	1258009	39.25%	4.739%
97	24.668	3663	3673	3681	rBV2	564169	1563380	48.78%	5.890%
98	24.733	3681	3684	3694	rVB5	95129	209157	6.53%	0.788%
99	25.820	3864	3869	3879	rVB2	90710	245409	7.66%	0.925%
100	25.925	3883	3887	3895	rVV10	22325	52364	1.63%	0.197%

Sum of corrected areas: 26543589

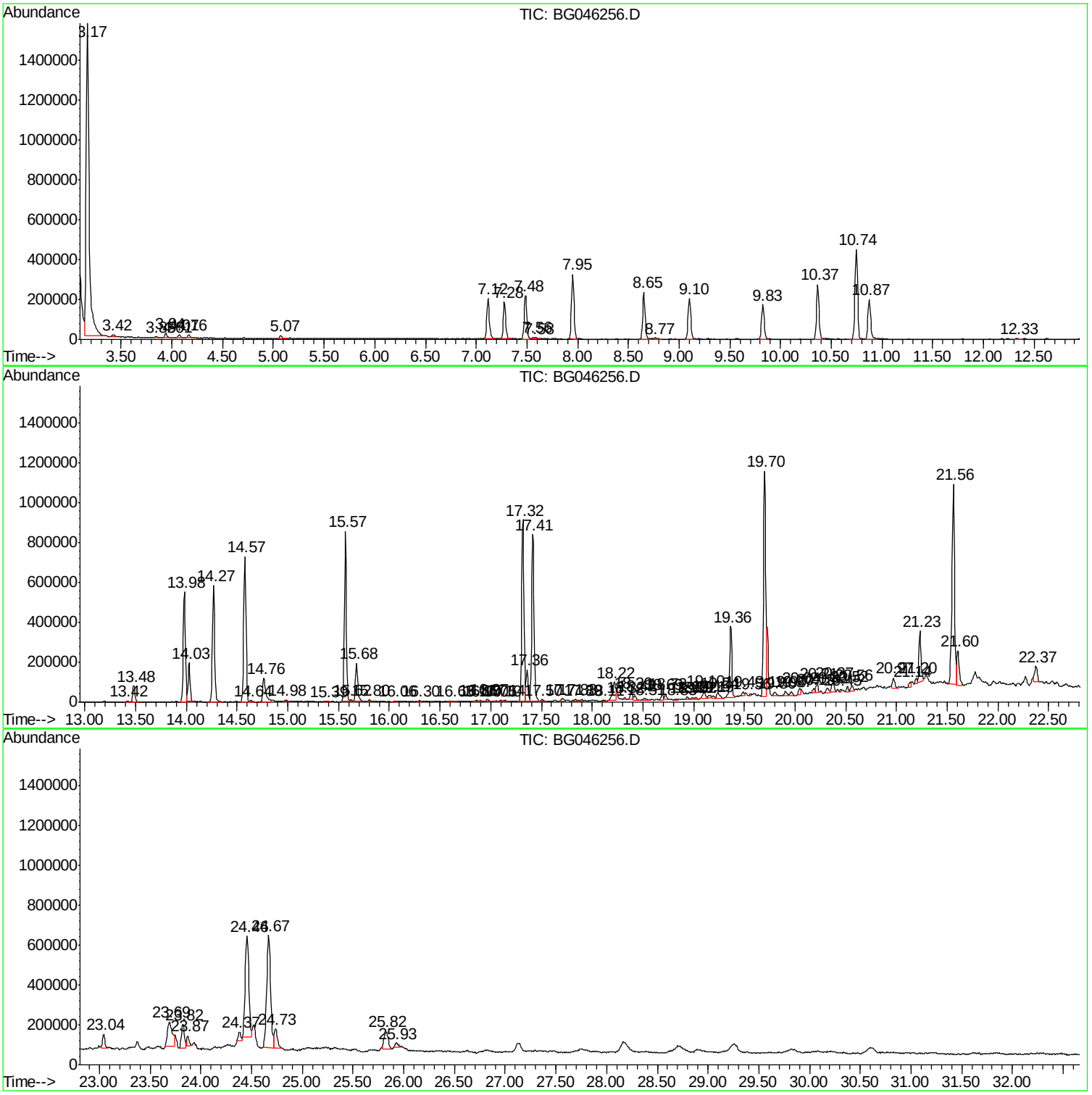
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046256.D
Acq On : 13 Aug 2020 19:42
Operator : CG/JU
Sample : L3629-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM61

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\BG081320\
Data File : BG046256.D
Acq On : 13 Aug 2020 19:42
Operator : CG/JU
Sample : L3629-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM61

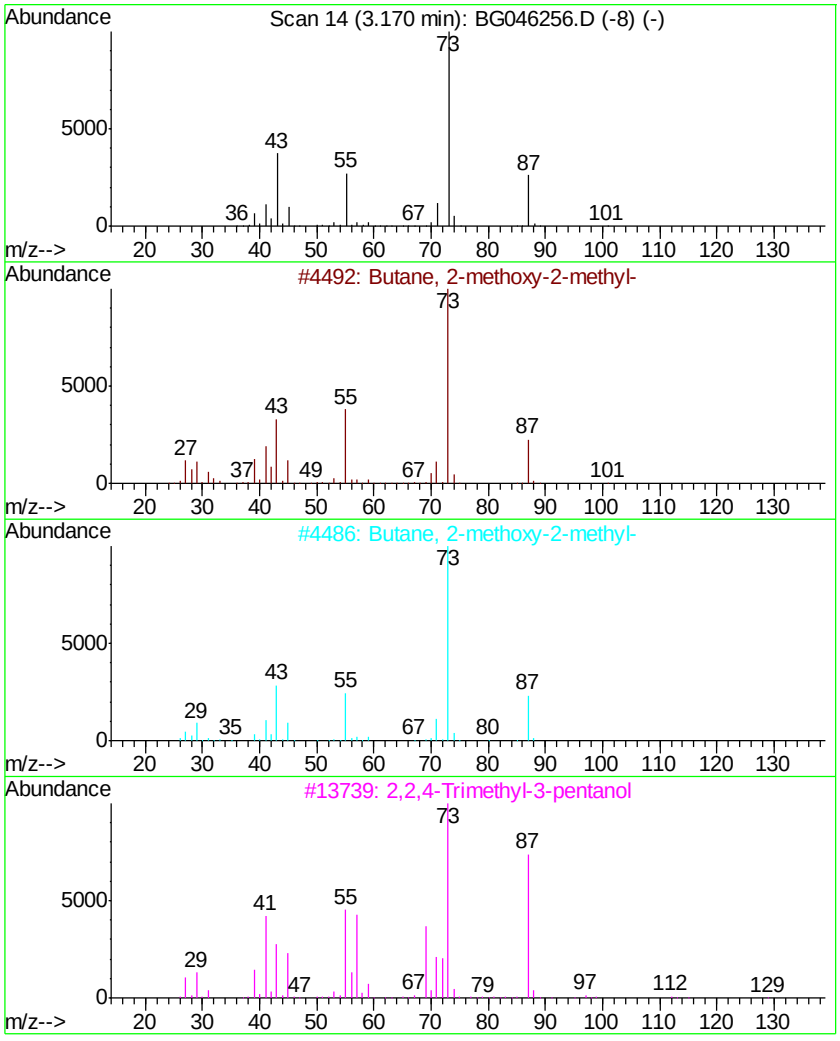
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

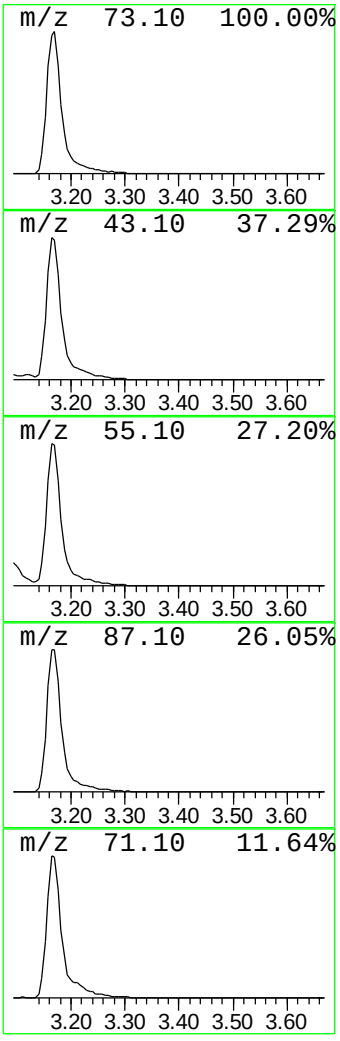
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.17	116.16 ng/ul	3205250	1,4-Dichlorobenzene-d4	7.95

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\BG081320\
Data File : BG046256.D
Acq On : 13 Aug 2020 19:42
Operator : CG/JU
Sample : L3629-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM61

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

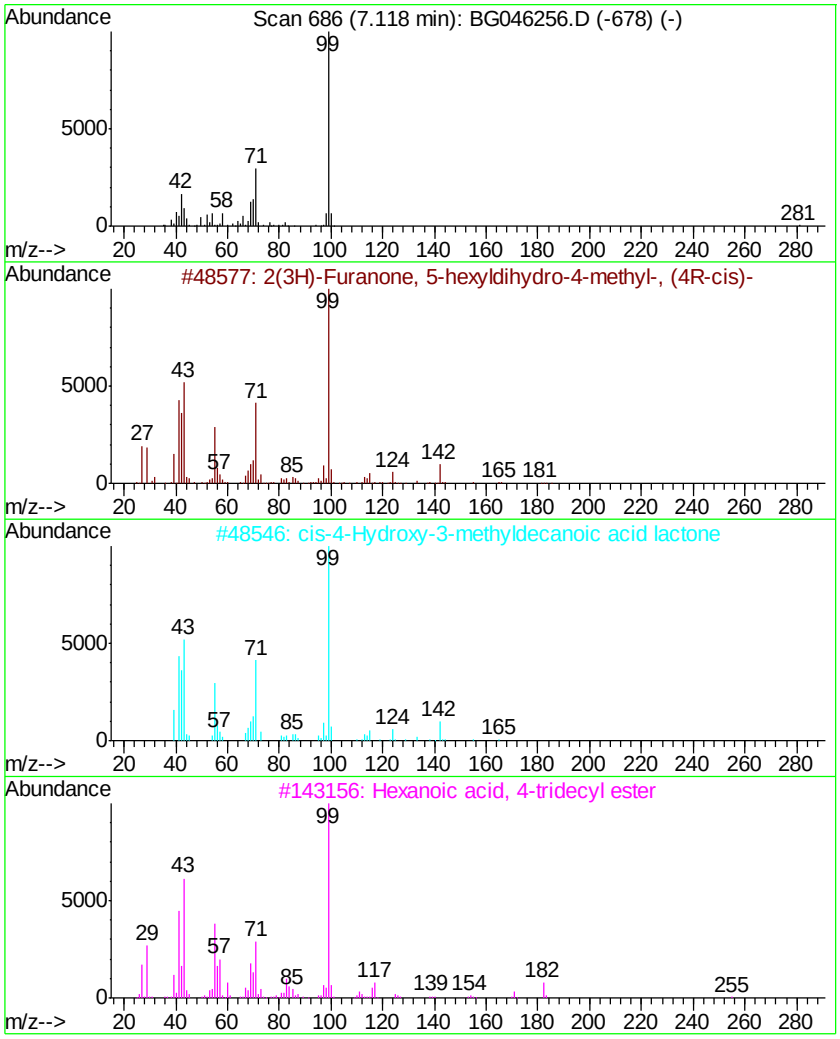
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

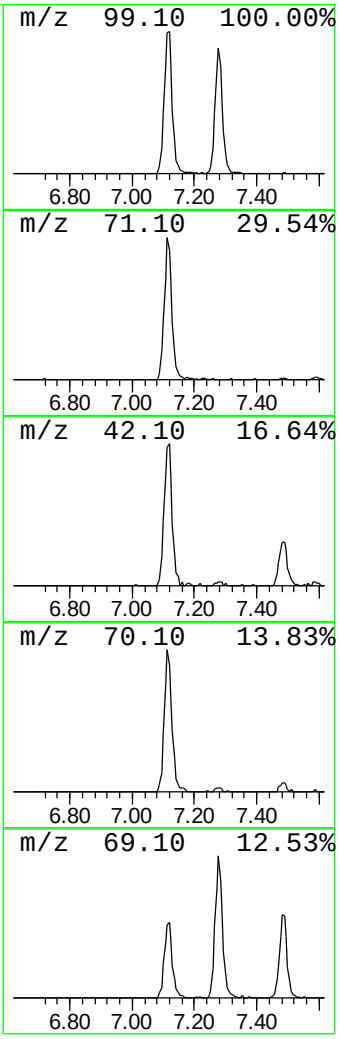
****

Peak Number 2 2(3H)-Furanone, 5-hexyldihy... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.12	13.95 ng/ul	384904	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Furanone, 5-hexyldihydro-4...	184	C11H20O2	121644-12-0	64
2	cis-4-Hydroxy-3-methyldecanoic a...	184	C11H20O2	147254-32-8	64
3	Hexanoic acid, 4-tridecyl ester	298	C19H38O2	1000279-29-3	64
4	Hexanoic acid, 5-tridecyl ester	298	C19H38O2	1000279-29-4	56
5	Hexanoic acid, 3-tridecyl ester	298	C19H38O2	1000279-29-2	56





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046256.D
Acq On : 13 Aug 2020 19:42
Operator : CG/JU
Sample : L3629-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM61

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

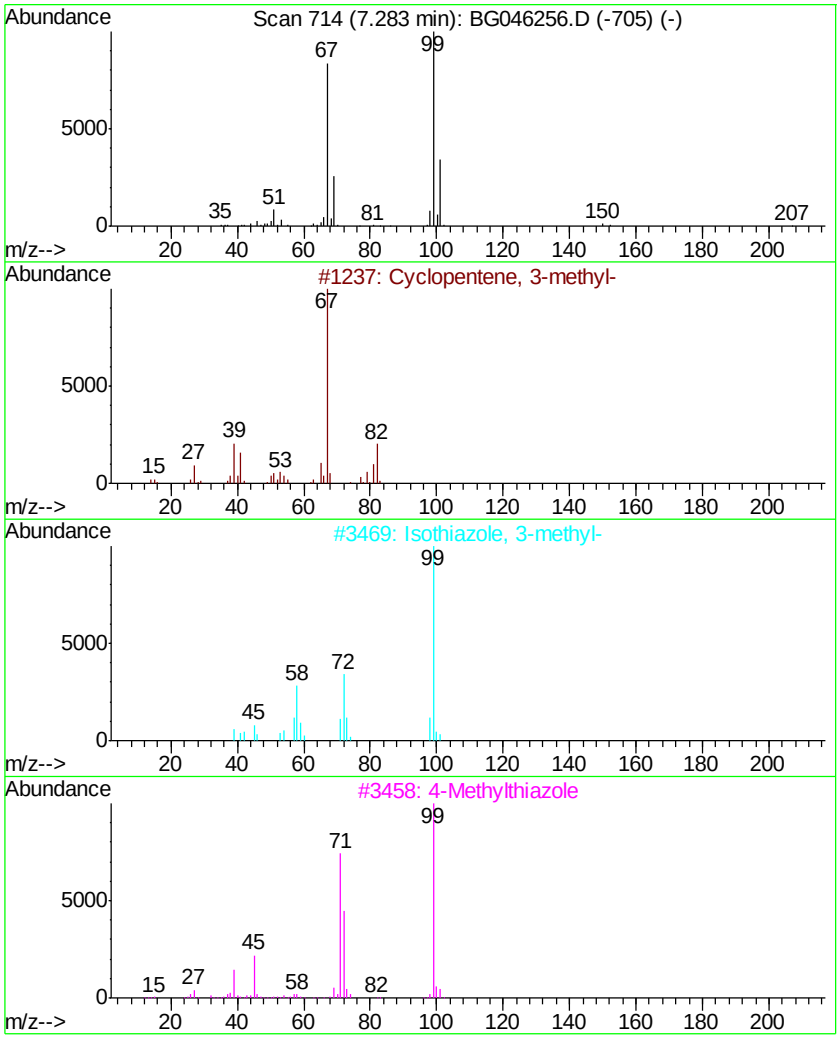
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

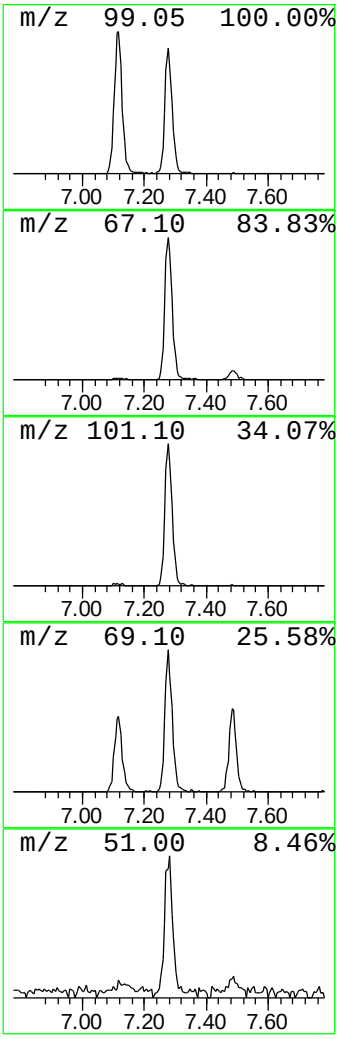
****

Peak Number 3 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.28	11.45 ng/ul	315960	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	12
2	Isothiazole, 3-methyl-	99	C4H5NS	000693-92-5	9
3	4-Methylthiazole	99	C4H5NS	000693-95-8	9
4	3,5-Diamino-1,2,4-triazole	99	C2H5N5	001455-77-2	9
5	Cyclopentene, 1-methyl-	82	C6H10	000693-89-0	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046256.D
Acq On : 13 Aug 2020 19:42
Operator : CG/JU
Sample : L3629-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM61

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

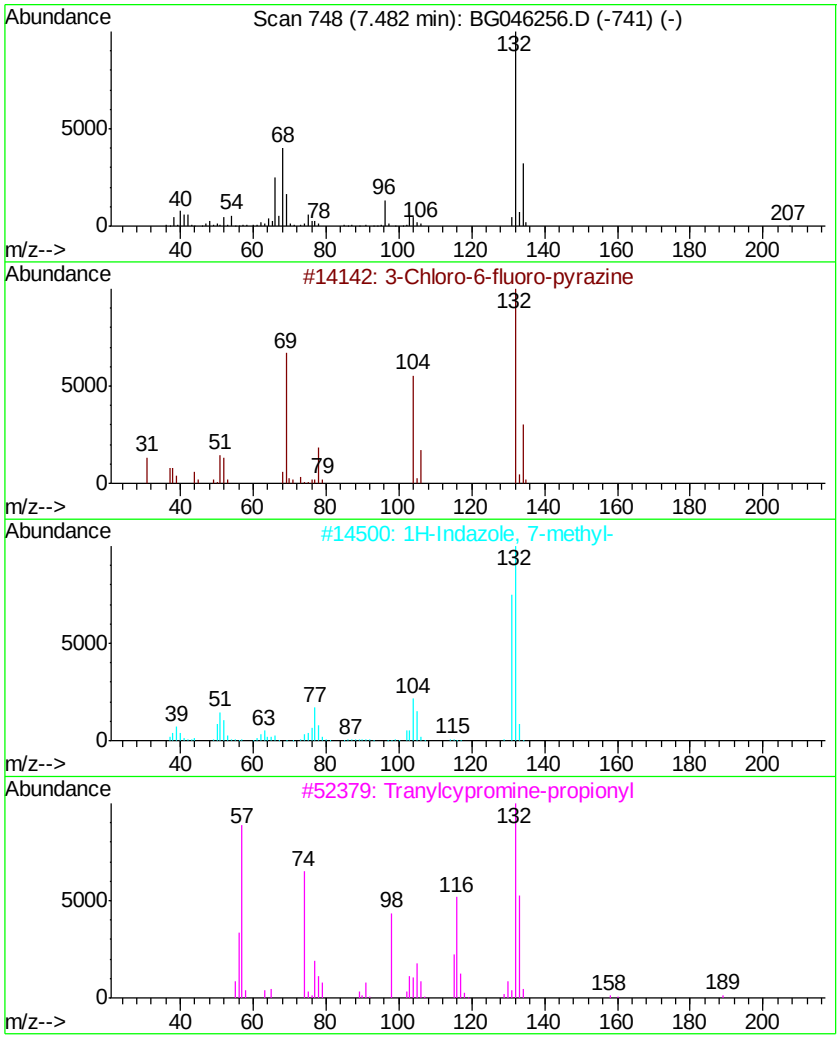
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

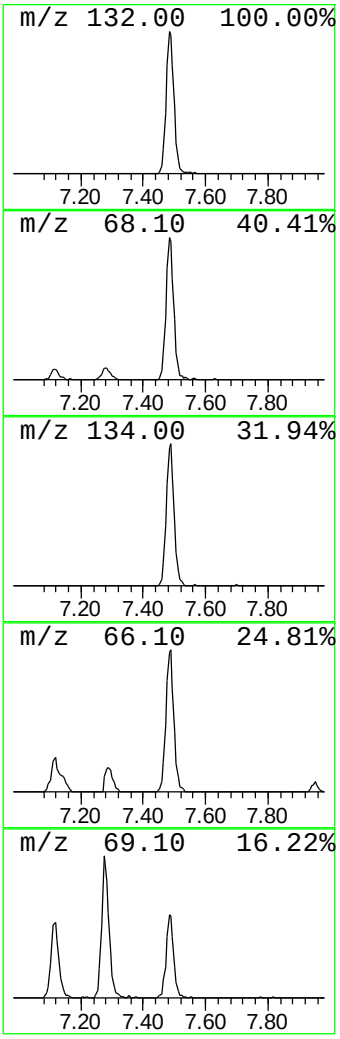
****

Peak Number 4 unknown-02 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.48	14.05 ng/ul	387720	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	25
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	3H-Benzo[4,5]imidazo[1,2-c]oxazo...	218	C12H14N2O2	1000316-99-9	10
5	o-(Acetonylamino)benzoic acid	193	C10H11NO3	037144-42-6	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046256.D
Acq On : 13 Aug 2020 19:42
Operator : CG/JU
Sample : L3629-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM61

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

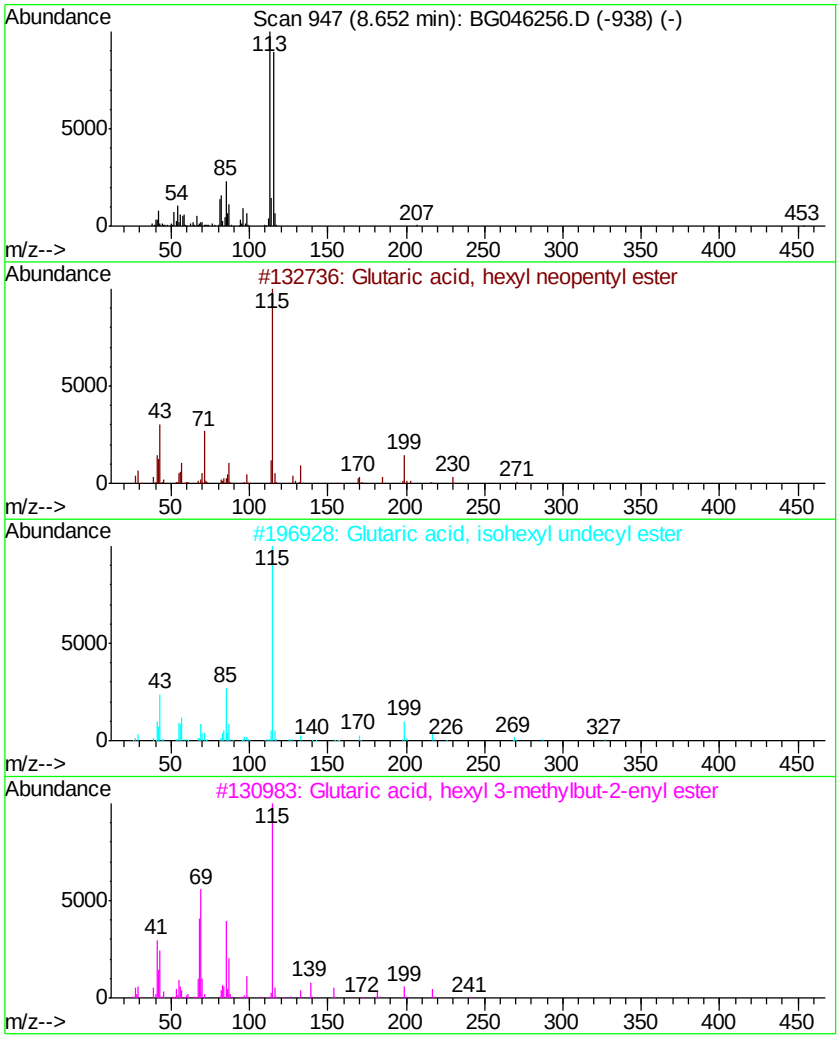
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

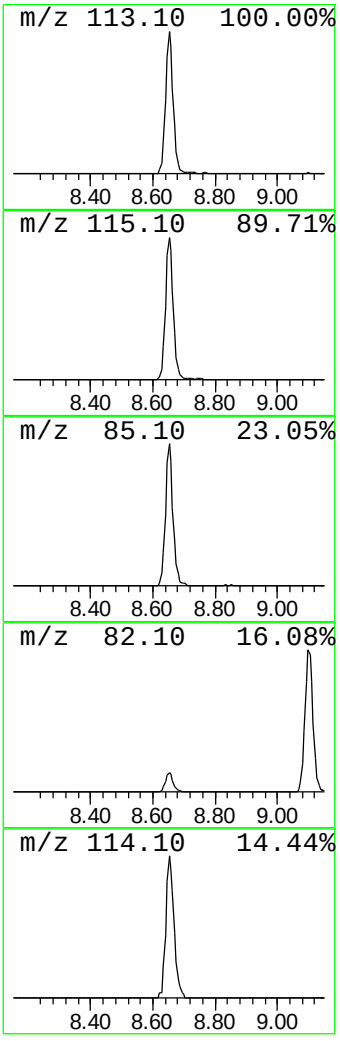
****

Peak Number 5 unknown-03 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	14.90 ng/ul	411077	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Glutaric acid, hexyl neopentyl e...	286	C16H30O4	1000358-34-4	38
2	Glutaric acid, isohexyl undecyl ...	370	C22H42O4	1000358-32-1	38
3	Glutaric acid, hexyl 3-methylbut...	284	C16H28O4	1000360-09-0	38
4	Glutaric acid, isobutyl neopenty...	258	C14H26O4	1000358-34-1	35
5	Glutaric acid, isobutyl octyl ester	300	C17H32O4	1000358-25-6	35





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Acq On : 13 Aug 2020 19:42
Operator : CG/JU
Sample : L3629-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM61

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

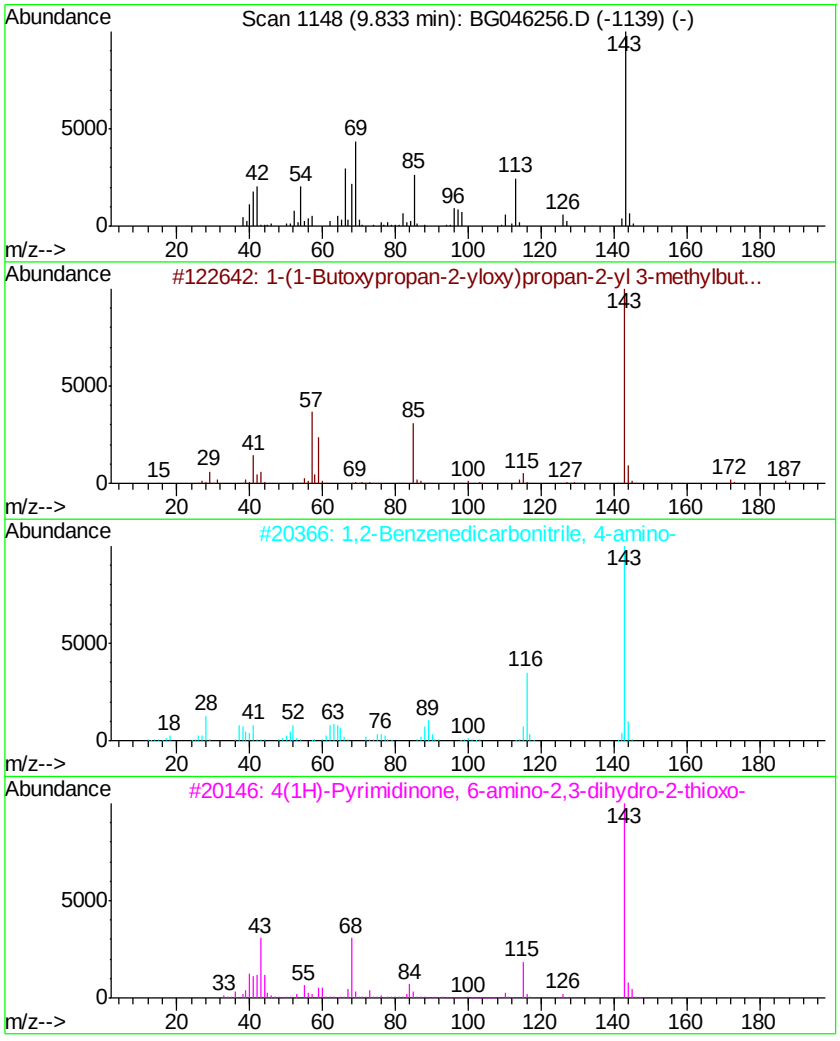
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

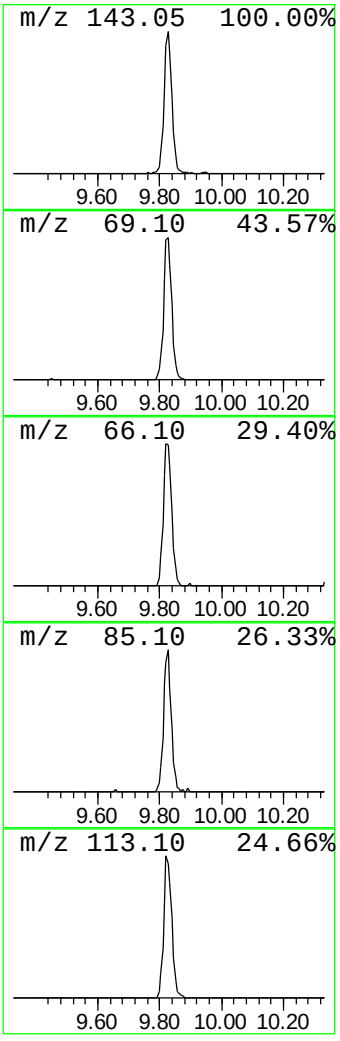
****

Peak Number 7 unknown-04 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.83	7.43 ng/ul	306446	Naphthalene-d8	10.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(1-Butoxypropan-2-yloxy)propan...	274	C15H30O4	1000367-12-9	22
2	1,2-Benzenedicarbonitrile, 4-amino-	143	C8H5N3	056765-79-8	14
3	4(1H)-Pyrimidinone, 6-amino-2,3-...	143	C4H5N3OS	001004-40-6	12
4	3-Aminophthalonitrile	143	C8H5N3	058632-96-5	10
5	6-Aza-2-thiothymine	143	C4H5N3OS	000615-76-9	10





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Acq On : 13 Aug 2020 19:42
Operator : CG/JU
Sample : L3629-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM61

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

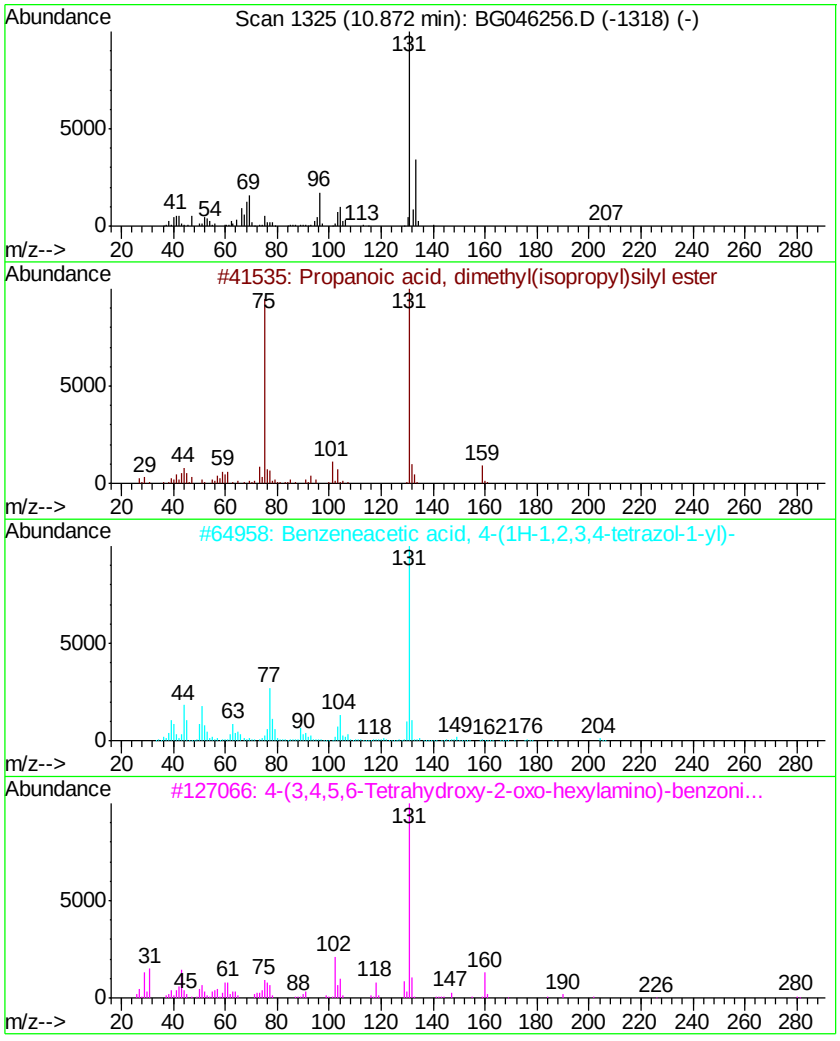
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

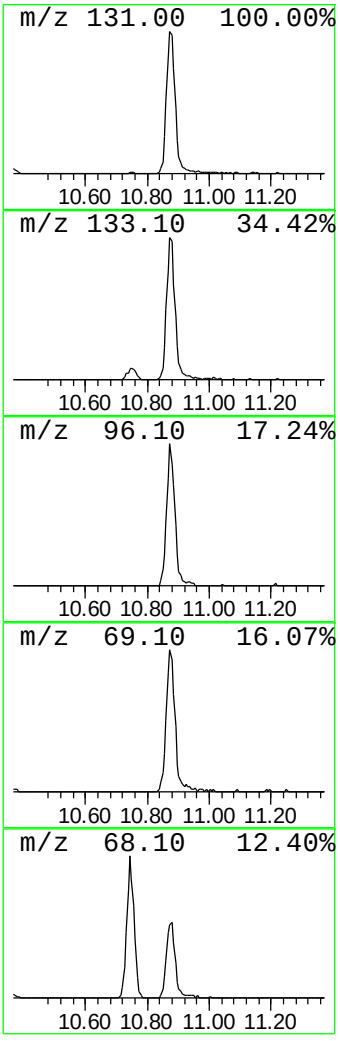
****

Peak Number 8 unknown-05 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	9.17 ng/ul	378500	Naphthalene-d8	10.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, dimethyl(isoprop...	174	C8H18O2Si	1000279-45-8	33
2	Benzeneacetic acid, 4-(1H-1,2,3,...	204	C9H8N4O2	1000351-56-5	33
3	4-(3,4,5,6-Tetrahydroxy-2-oxo-he...	280	C13H16N2O5	1000189-82-8	33
4	3-Hydroxy-2-p-tolyl-2-butenenitrile	173	C11H11NO	1000243-87-8	33
5	Benzenepropanoic acid, 4-(1H-1,2...	218	C10H10N4O2	1000349-98-4	33





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Acq On : 13 Aug 2020 19:42
Operator : CG/JU
Sample : L3629-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM61

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

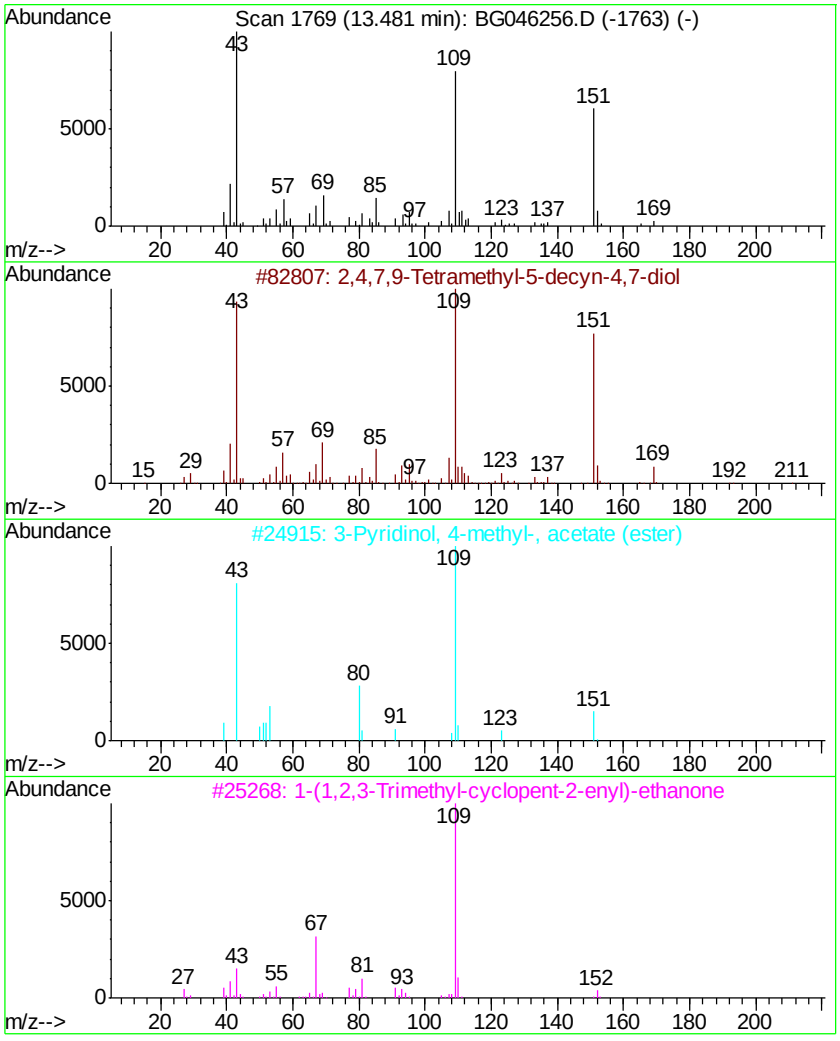
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

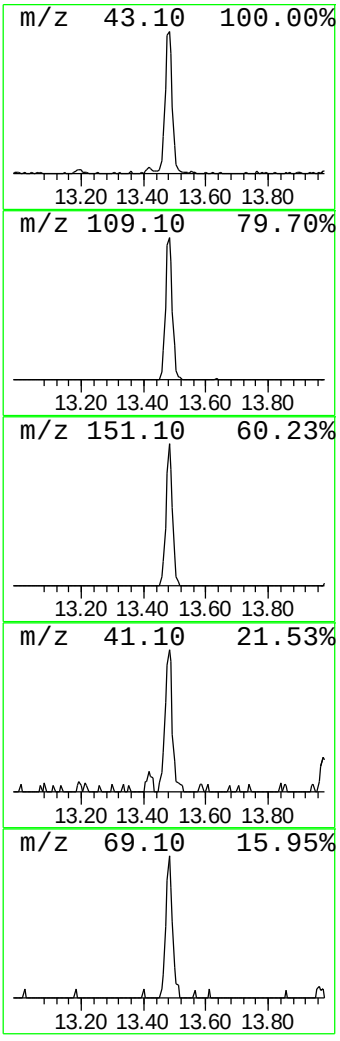
****

Peak Number 9 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.48	2.13 ng/ul	122723	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	91
2	3-Pyridinol, 4-methyl-, acetate ...	151	C8H9NO2	001006-96-8	64
3	1-(1,2,3-Trimethyl-cyclopent-2-e...	152	C10H16O	070987-81-4	43
4	3,3,5,5-Tetramethylcyclopentene	124	C9H16	038667-10-6	38
5	3,6-Dimethyl-6-hepten-4-yn-3-ol	138	C9H14O	003601-67-0	38





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Data File : BG046256.D
Acq On : 13 Aug 2020 19:42
Operator : CG/JU
Sample : L3629-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM61

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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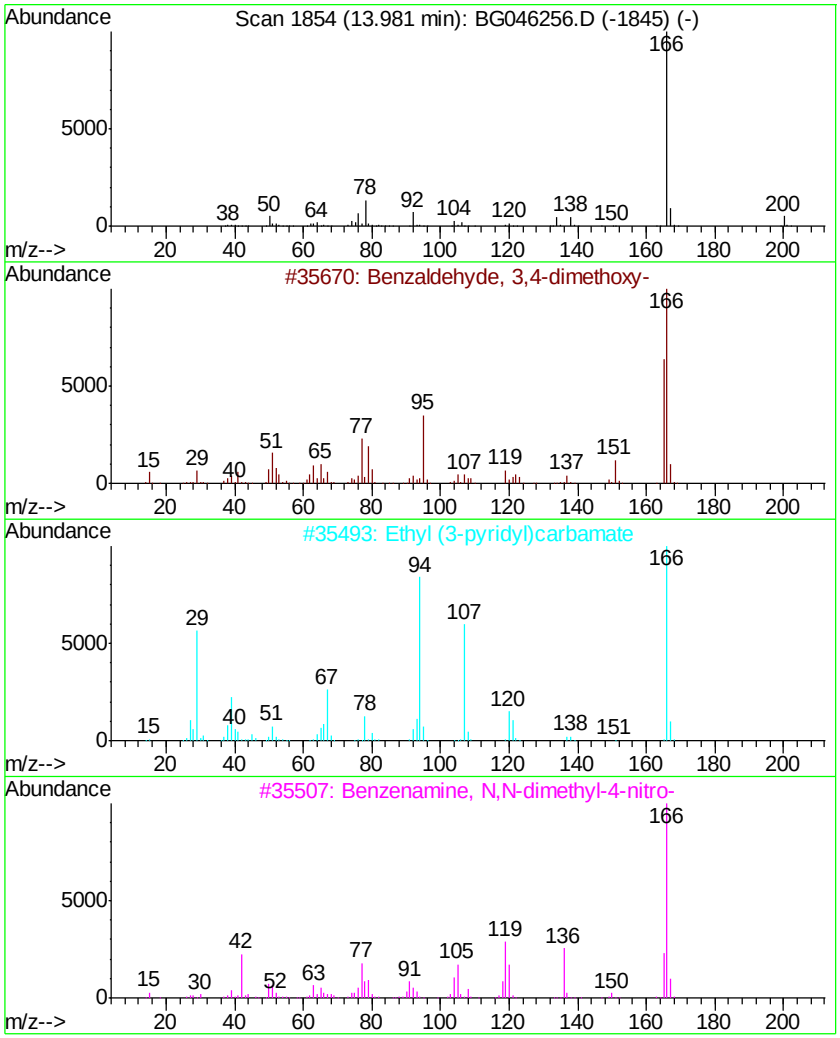
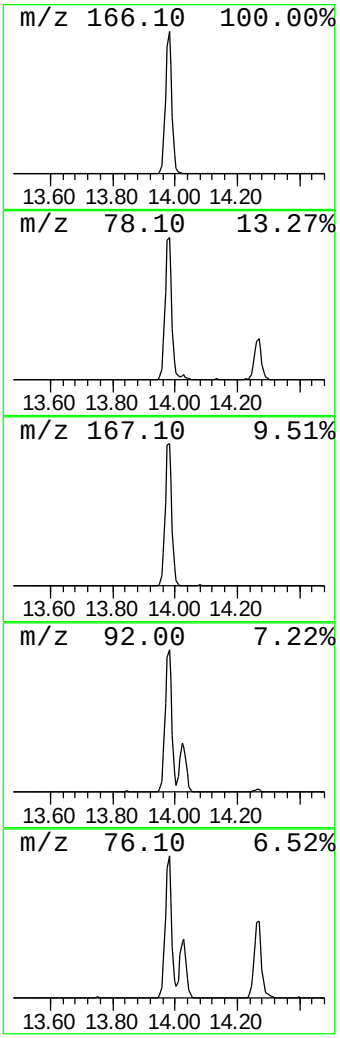
Peak Number 10 unknown-06 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.98	13.94 ng/ul	805297	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	Benzenamine, N,N-dimethyl-4-nitro-	166	C8H10N2O2	000100-23-2	38
4	6H-Purine-6-thione, 1,7-dihydro-...	166	C6H6N4S	001126-23-4	9
5	1,3-Benzodioxole-5-carboxylic acid	166	C8H6O4	000094-53-1	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046256.D
Acq On : 13 Aug 2020 19:42
Operator : CG/JU
Sample : L3629-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM61

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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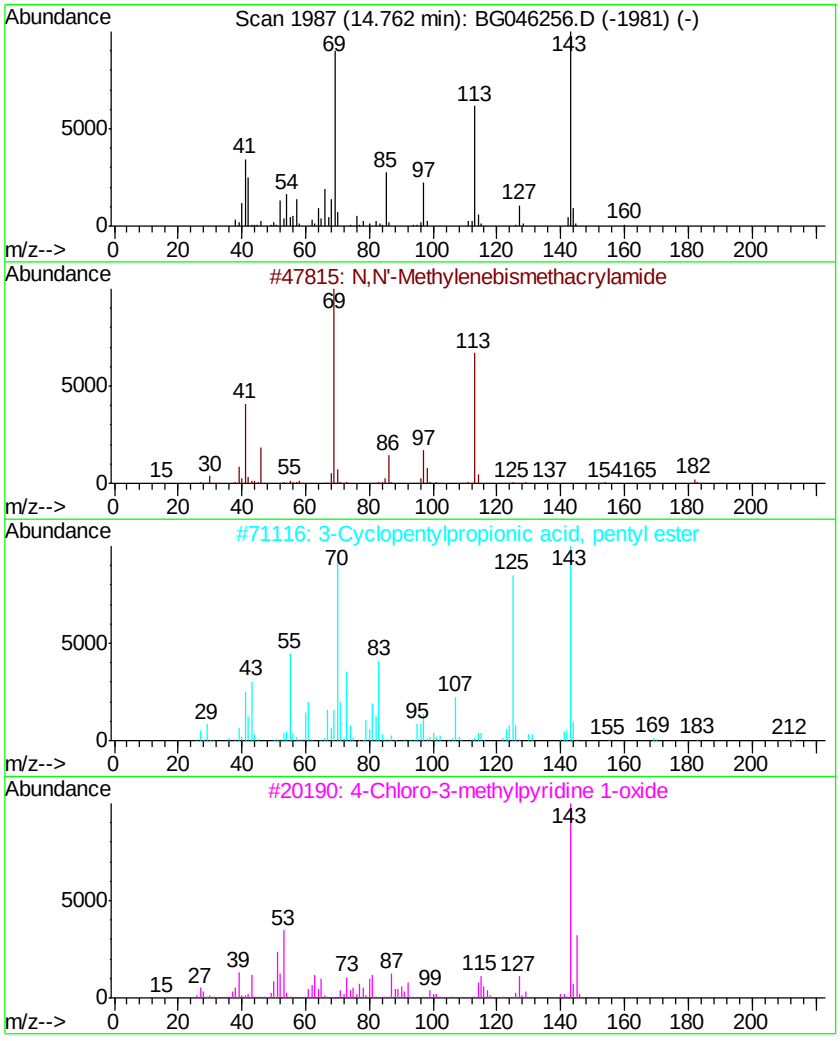
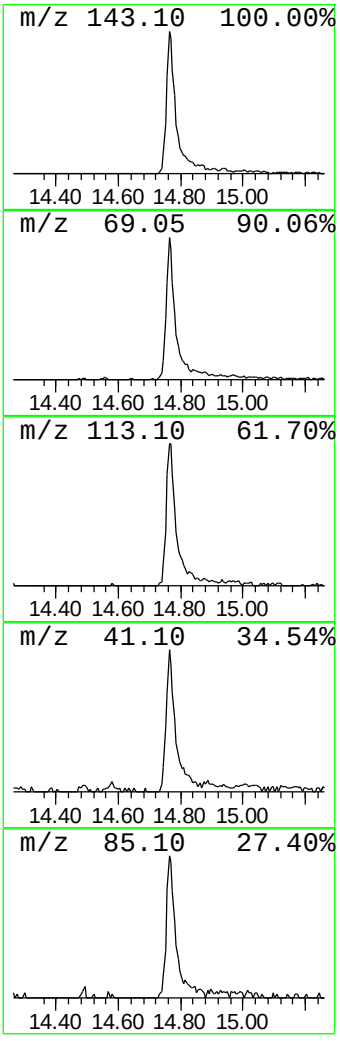
Peak Number 12 unknown-07 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	4.25 ng/ul	245679	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N,N'-Methylenebismethacrylamide	182	C9H14N2O2	002359-15-1	38
2	3-Cyclopentylpropionic acid, pen...	212	C13H24O2	1000292-33-2	22
3	4-Chloro-3-methylpyridine 1-oxide	143	C6H6ClNO	001073-34-3	22
4	4-Amino-2-chloro-6-methylpyrimidine	143	C5H6ClN3	014394-60-6	22
5	Glutaric acid, ethyl 4-methylhep...	272	C15H28O4	1000377-14-9	22





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Acq On : 13 Aug 2020 19:42
Operator : CG/JU
Sample : L3629-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM61

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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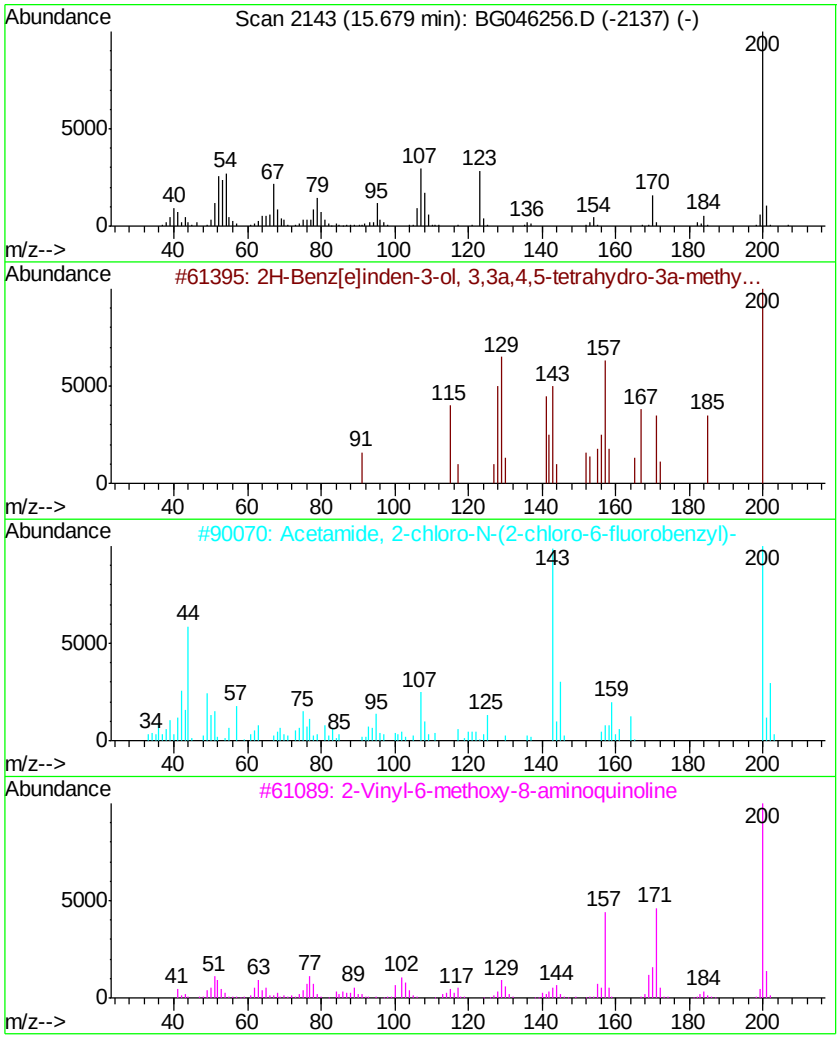
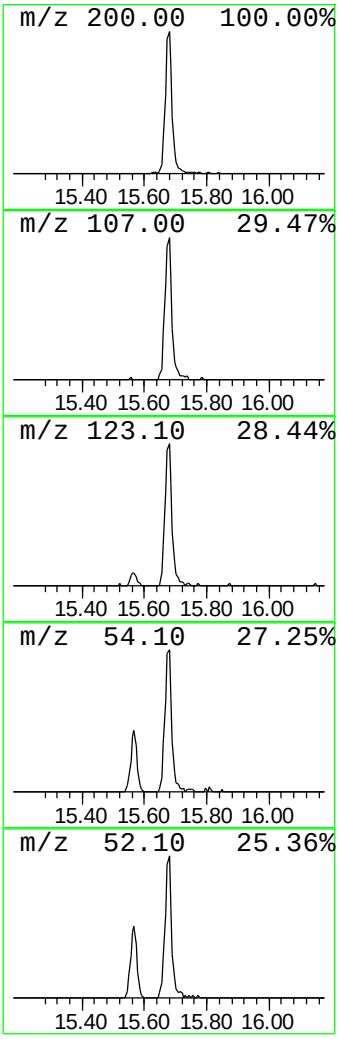
Peak Number 13 unknown-08 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	5.28 ng/ul	304692	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	Acetamide, 2-chloro-N-(2-chloro-...	235	C9H8Cl2FNO	1000268-05-5	32
3	2-Vinyl-6-methoxy-8-aminoquinoline	200	C12H12N2O	064992-65-0	16
4	D-Norleucine, N-neopentyloxycarb...	455	C27H53NO4	1000344-14-0	14
5	Benzenamine, 3-(4-aminophenoxy)-	200	C12H12N2O	002657-87-6	12





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Acq On : 13 Aug 2020 19:42
Operator : CG/JU
Sample : L3629-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM61

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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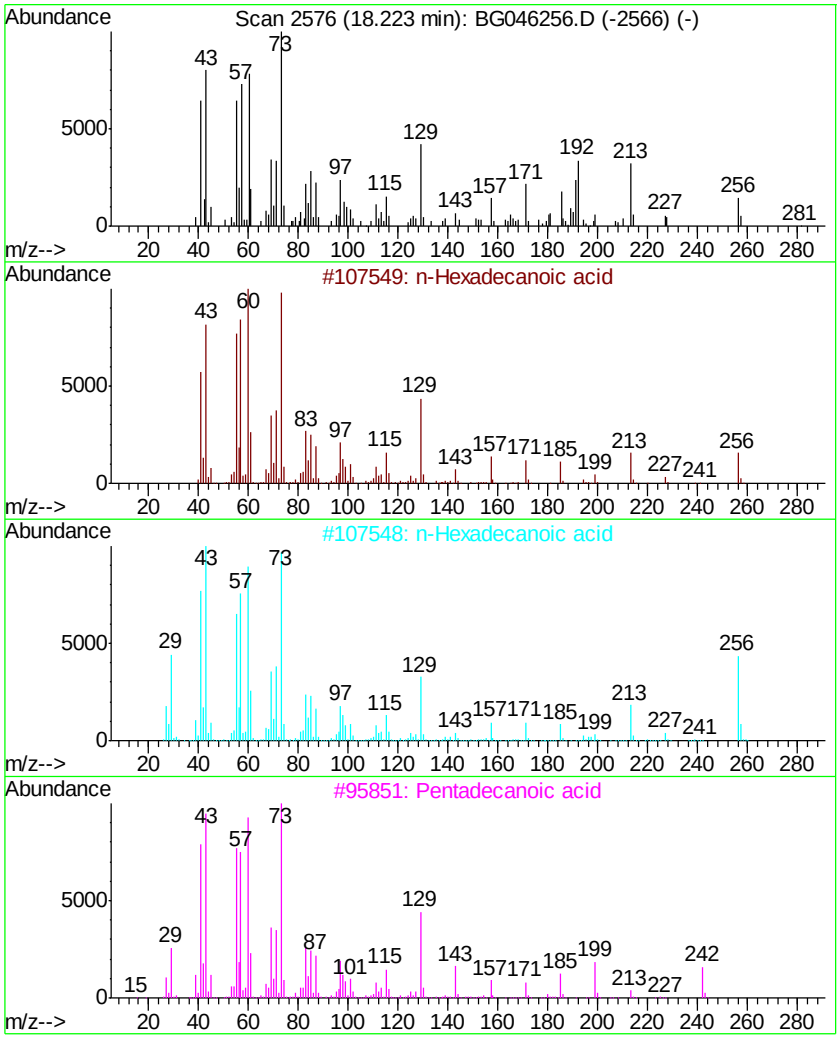
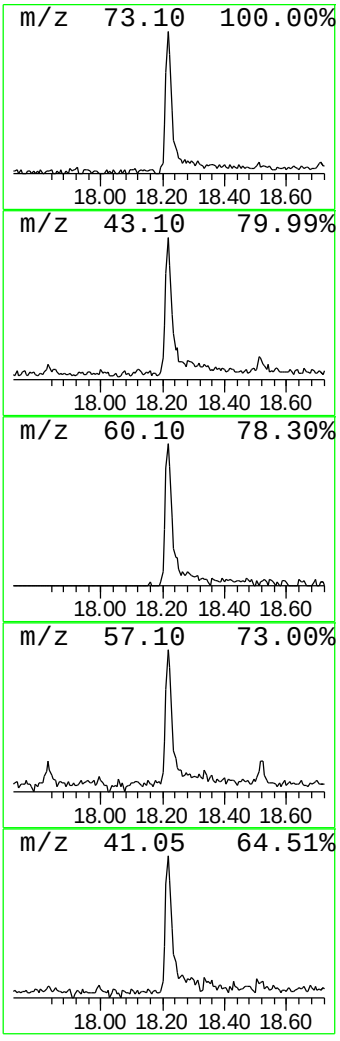
Peak Number 14 n-Hexadecanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.22	2.58 ng/ul	180592	Phenanthrene-d10	17.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4	Dodecanoic acid	200	C12H24O2	000143-07-7	81
5	Tridecanoic acid	214	C13H26O2	000638-53-9	70





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Sample : L3629-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM61

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

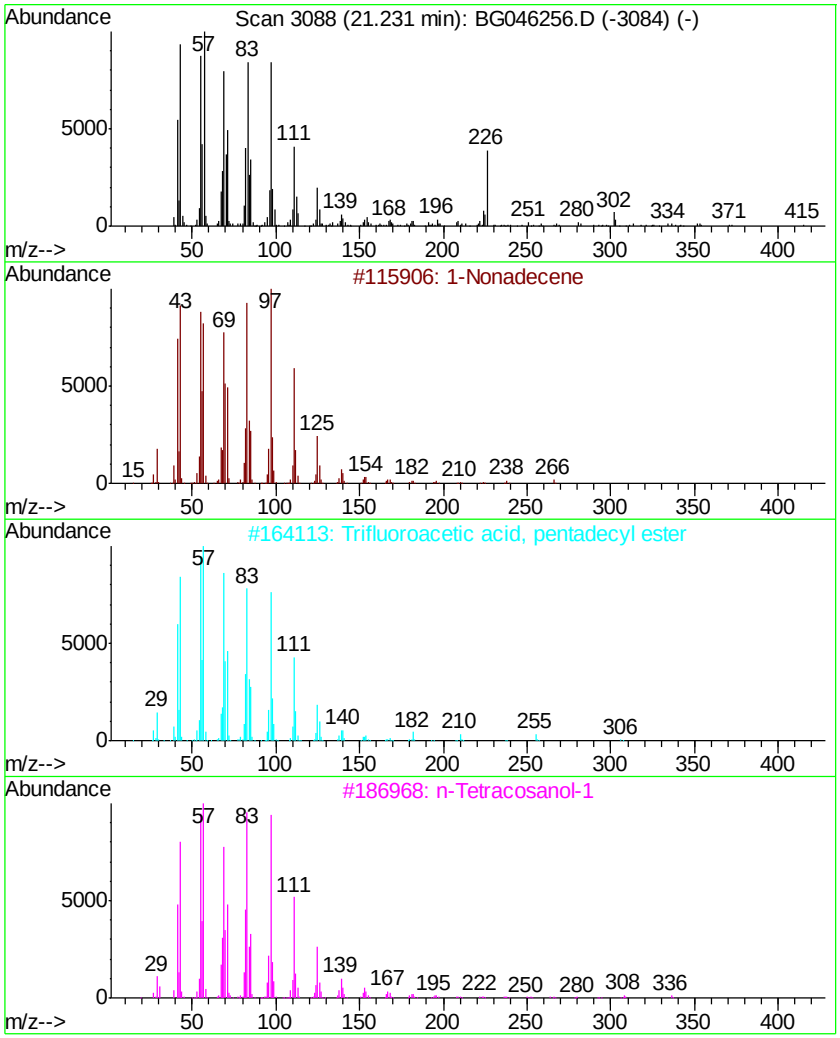
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

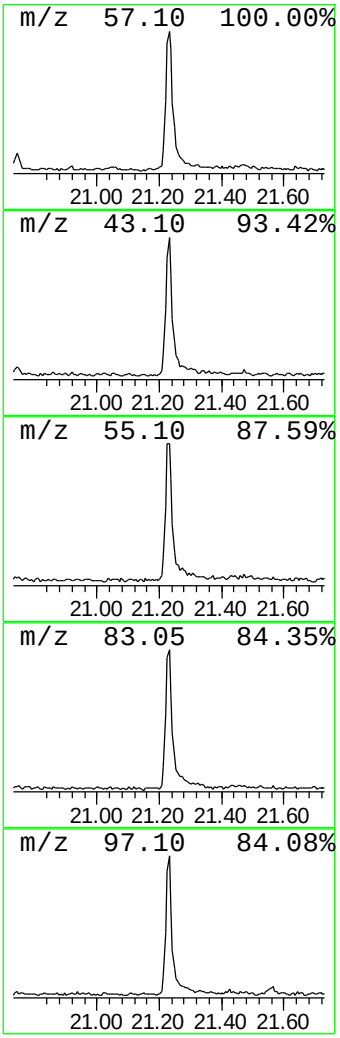
****

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.23	4.09 ng/ul	374365	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	96
2	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	93
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93
5	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	93





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Data File : BG046256.D
Acq On : 13 Aug 2020 19:42
Operator : CG/JU
Sample : L3629-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM61

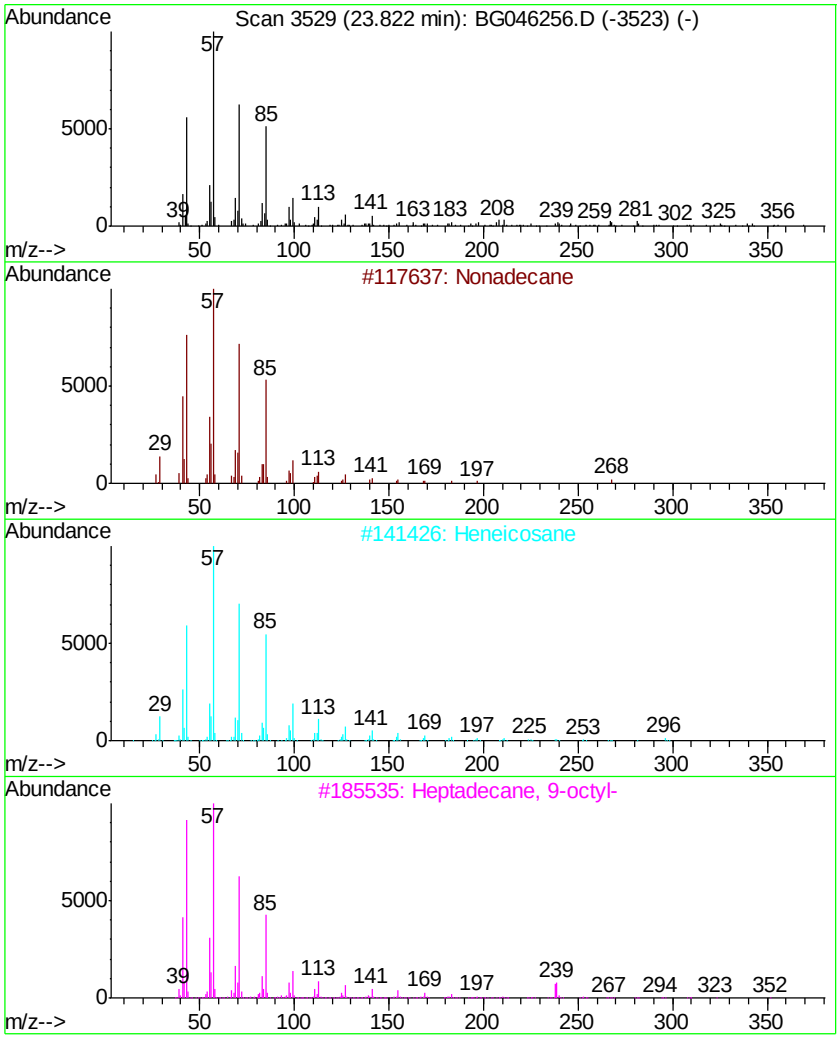
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

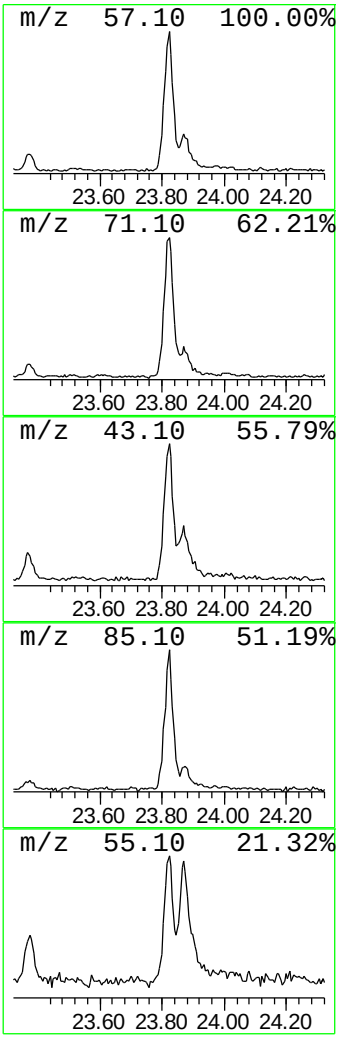
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.82	3.01 ng/ul	235311	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	90
2	Heneicosane	296	C21H44	000629-94-7	87
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
4	Docosane	310	C22H46	000629-97-0	87
5	2-methyloctacosane	408	C29H60	1000376-72-8	87





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Acq On : 13 Aug 2020 19:42
Operator : CG/JU
Sample : L3629-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM61

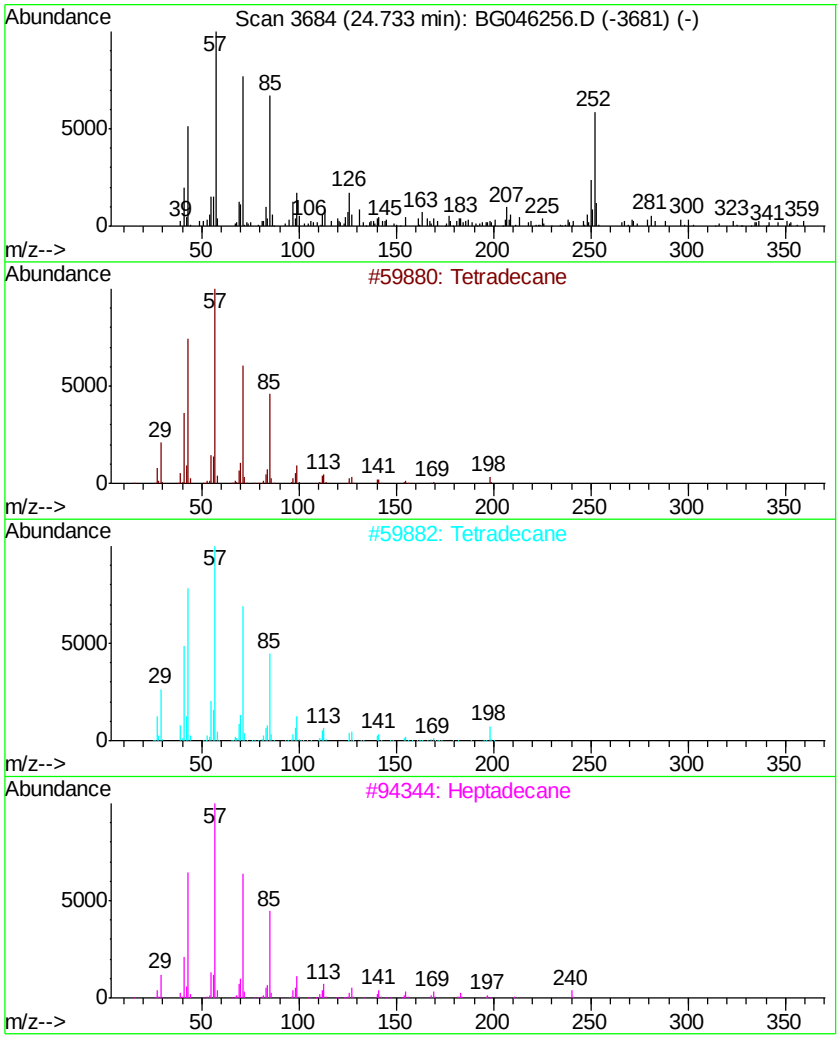
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

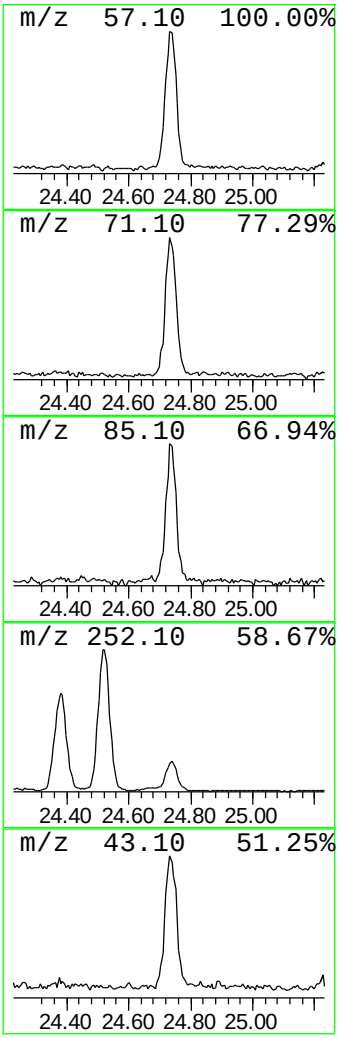
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.73	2.68 ng/ul	209157	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	55
2	Tetradecane	198	C14H30	000629-59-4	49
3	Heptadecane	240	C17H36	000629-78-7	46
4	Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	46
5	Octadecane	254	C18H38	000593-45-3	46





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Sample : L3629-14
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ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM61

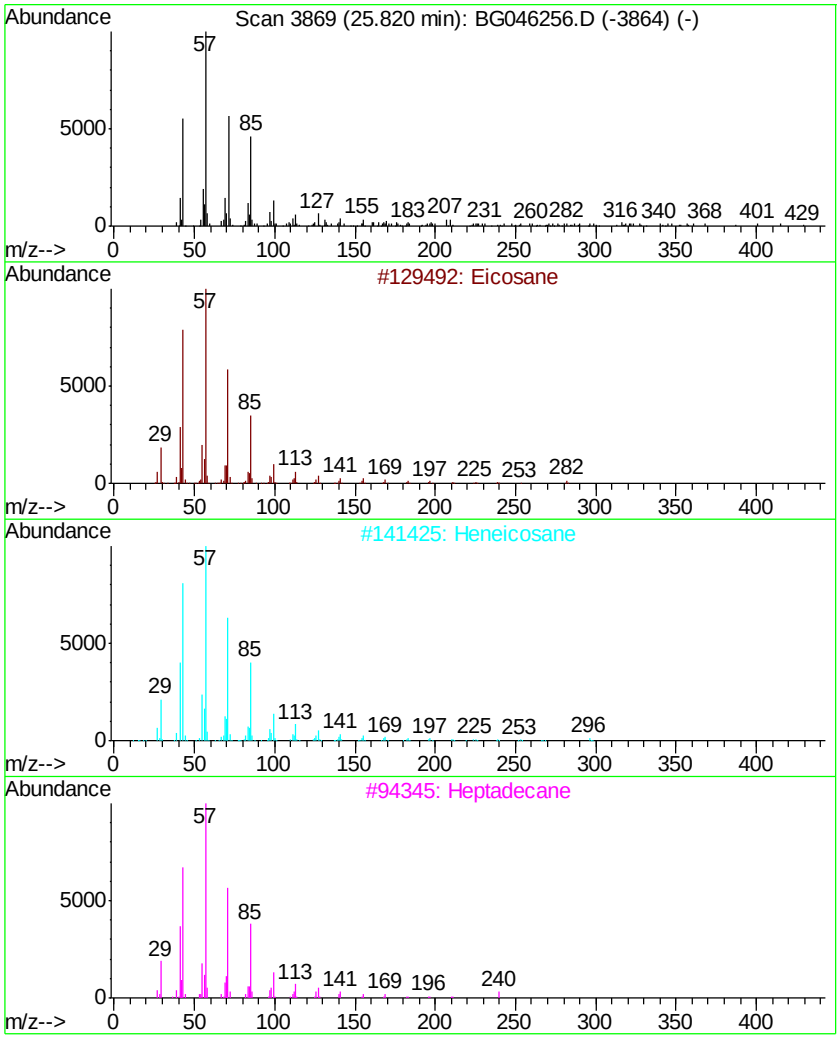
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

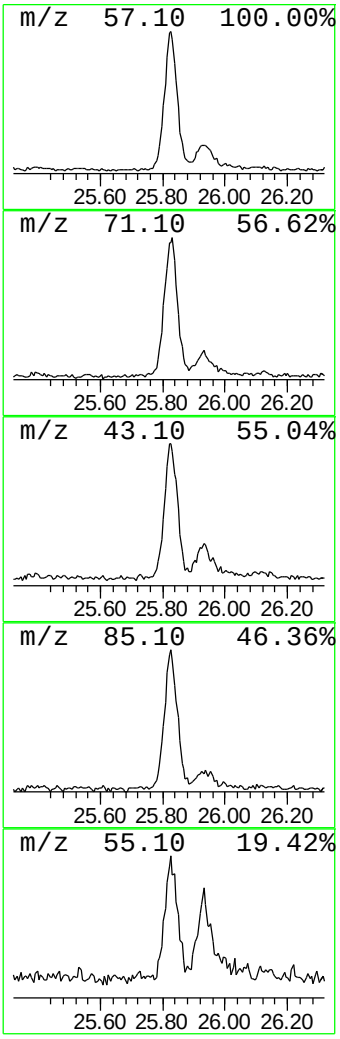
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.82	3.14 ng/ul	245409	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	92
2	Heneicosane	296	C21H44	000629-94-7	92
3	Heptadecane	240	C17H36	000629-78-7	87
4	Tetradecane	198	C14H30	000629-59-4	87
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83





Tentatively Identified Compound (LSC) summary

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Data File : BG046256.D
Acq On : 13 Aug 2020 19:42
Operator : CG/JU
Sample : L3629-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM61

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...	3.17	116.2	ng/ul	3205250	1	7.95	551873	20.0
2(3H)-Furanone, 5...	7.12	13.9	ng/ul	384904	1	7.95	551873	20.0
unknown-01	7.28	11.4	ng/ul	315960	1	7.95	551873	20.0
unknown-02	7.48	14.1	ng/ul	387720	1	7.95	551873	20.0
unknown-03	8.65	14.9	ng/ul	411077	1	7.95	551873	20.0
unknown-04	9.83	7.4	ng/ul	306446	2	10.75	825134	20.0
unknown-05	10.87	9.2	ng/ul	378500	2	10.75	825134	20.0
2,4,7,9-Tetrameth...	13.48	2.1	ng/ul	122723	3	14.57	1154970	20.0
unknown-06	13.98	13.9	ng/ul	805297	3	14.57	1154970	20.0
unknown-07	14.76	4.3	ng/ul	245679	3	14.57	1154970	20.0
unknown-08	15.68	5.3	ng/ul	304692	3	14.57	1154970	20.0
n-Hexadecanoic acid	18.22	2.6	ng/ul	180592	4	17.32	1398470	20.0
(DEL) Alkane: Str...	21.23	4.1	ng/ul	374365	5	21.56	1830000	20.0
(DEL) Alkane: Str...	23.82	3.0	ng/ul	235311	6	24.67	1563380	20.0
(DEL) Alkane: Str...	24.73	2.7	ng/ul	209157	6	24.67	1563380	20.0
(DEL) Alkane: Str...	25.82	3.1	ng/ul	245409	6	24.67	1563380	20.0