LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046254.D
Acq On : 13 Aug 2020 18:21
Operator : CG/JU
Sample : L3629-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM59

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	3.164	8	13	43	rVB	1592176	3053577	100.00%	11.774%
2	3.417	55	56	65	rVB6	7262	13146	0.43%	0.051%
3	3.940	140	145	154	rVV2	21816	32799	1.07%	0.126%
4	4.069	162	167	176	rVB2	16443	28285	0.93%	0.109%
5	4.380	216	220	226	rVB2	27235	37781	1.24%	0.146%
6	4.480	231	237	248	rBV	29328	51018	1.67%	0.197%
7	4.792	285	290	299	rBV	17386	29862	0.98%	0.115%
8	5.074	333	338	345	rVB3	22032	37698	1.23%	0.145%
9	7.112	676	685	697	rBV	130093	239951	7.86%	0.925%
10	7.277	706	713	722	rBV	108733	182311	5.97%	0.703%
11	7.483	741	748	757	rBV	138480	239712	7.85%	0.924%
12	7.953	820	828	837	rBV	330021	555968	18.21%	2.144%
13	8.652	940	947	956	rBV	153231	259398	8.49%	1.000%
14	8.769	962	967	976	rVB2	6978	12574	0.41%	0.048%
15	9.098	1016	1023	1034	rBV	125077	229400	7.51%	0.884%
16	9.827	1140	1147	1155	rVB	102082	181494	5.94%	0.700%
17	10.367	1232	1239	1249	rBV	176592	308885	10.12%	1.191%
18	10.743	1296	1303	1311	rBV	471999	826920	27.08%	3.188%
19	10.873	1319	1325	1339	rBV	113659	221370	7.25%	0.854%
20	13.481	1762	1769	1773	rVV	8588	13814	0.45%	0.053%
21	13.899	1835	1840	1845	rBV4	6248	10760	0.35%	0.041%
22	13.981	1845	1854	1858	rVV	356973	523511	17.14%	2.018%
23	14.028	1858	1862	1868	rVV	114789	163848	5.37%	0.632%
24	14.263	1892	1902	1916	rBV	395440	663276	21.72%	2.557%
25	14.574	1946	1955	1962	rBV2	757336	1191358	39.02%	4.593%
26	14.639	1962	1966	1976	rVB	12459	20159	0.66%	0.078%
27	14.768	1982	1988	2002	rBV2	64576	151677	4.97%	0.585%
28	14.974	2019	2023	2030	rVB	13351	22147	0.73%	0.085%
29	15.567	2116	2124	2129	rBV	536771	820822	26.88%	3.165%
30	15.620	2129	2133	2137	rVV4	16026	26447	0.87%	0.102%
31	15.673	2137	2142	2152	rVV	119320	189119	6.19%	0.729%
32	15.920	2179	2184	2190	rVB2	8943	16530	0.54%	0.064%
33	16.061	2202	2208	2216	rVB2	10980	21721	0.71%	0.084%
34	16.296	2239	2248	2252	rBV5	8860	18903	0.62%	0.073%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046254.D
Acq On : 13 Aug 2020 18:21
Operator : CG/JU
Sample : L3629-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM59

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	16.860	2336	2344	2347	rVV4	10393	19152	0.63%	0.074%
36	16.895	2347	2350	2354	rVV4	8523	14256	0.47%	0.055%
37	16.966	2357	2362	2370	rVV2	21089	37925	1.24%	0.146%
38	17.048	2372	2376	2381	rVV5	9942	19114	0.63%	0.074%
39	17.095	2381	2384	2387	rVV3	7788	13683	0.45%	0.053%
40	17.136	2387	2391	2398	rVB2	13095	22231	0.73%	0.086%
41	17.318	2414	2422	2426	rBV	942900	1465557	47.99%	5.651%
42	17.359	2426	2429	2433	rVV	257722	350675	11.48%	1.352%
43	17.412	2433	2438	2450	rVB	570843	906696	29.69%	3.496%
44	17.506	2450	2454	2459	rVB3	12217	20834	0.68%	0.080%
45	17.718	2482	2490	2495	rBV2	21120	46149	1.51%	0.178%
46	17.835	2506	2510	2516	rBV3	10479	14537	0.48%	0.056%
47	17.894	2516	2520	2531	rVB3	11989	26245	0.86%	0.101%
48	18.105	2553	2556	2561	rBV4	8354	14662	0.48%	0.057%
49	18.194	2561	2571	2572	rBV	55561	78065	2.56%	0.301%
50	18.217	2572	2575	2577	rVV2	73004	113753	3.73%	0.439%
51	18.241	2577	2579	2584	rVB	79039	93913	3.08%	0.362%
52	18.323	2589	2593	2598	rVB	19243	26345	0.86%	0.102%
53	18.382	2598	2603	2607	rBV4	63591	118819	3.89%	0.458%
54	18.423	2607	2610	2616	rVB	41741	58485	1.92%	0.225%
55	18.687	2649	2655	2658	rBV	45054	68399	2.24%	0.264%
56	18.722	2658	2661	2666	rVV	50558	71522	2.34%	0.276%
57	18.816	2674	2677	2683	rVB6	8215	10672	0.35%	0.041%
58	18.934	2693	2697	2702	rVB4	21033	28273	0.93%	0.109%
59	18.987	2702	2706	2709	rBV	16545	22943	0.75%	0.088%
60	19.022	2709	2712	2716	rVB	14472	21482	0.70%	0.083%
61	19.104	2720	2726	2731	rBV2	49098	92712	3.04%	0.357%
62	19.169	2731	2737	2739	rBV4	16114	33341	1.09%	0.129%
63	19.239	2745	2749	2758	rVB	47000	86103	2.82%	0.332%
64	19.363	2765	2770	2777	rVB	584785	804995	26.36%	3.104%
65	19.427	2778	2781	2784	rBV3	11891	18530	0.61%	0.071%
66	19.516	2793	2796	2799	rVB2	24861	29857	0.98%	0.115%
67	19.557	2800	2803	2806	rBV4	18032	20474	0.67%	0.079%
68	19.698	2821	2827	2830	rBV	827860	1306161	42.77%	5.036%
69	19.727	2830	2832	2839	rVB	531035	605390	19.83%	2.334%
70	19.803	2840	2845	2849	rVV3	31477	48667	1.59%	0.188%
71	19.903	2859	2862	2868	rVV2	29928	45027	1.47%	0.174%

LSC Area Percent Report

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Acq On : 13 Aug 2020 18:21
Operator : CG/JU
Sample : L3629-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM59

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	19.962	2869	2872	2876	rVB	32905	46322	1.52%	0.179%
73	20.056	2882	2888	2893	rBV3	54503	130265	4.27%	0.502%
74	20.185	2906	2910	2911	rBV2	33024	40403	1.32%	0.156%
75	20.215	2912	2915	2919	rVB2	73237	106910	3.50%	0.412%
76	20.262	2919	2923	2926	rVB5	10939	13723	0.45%	0.053%
77	20.320	2928	2933	2936	rBV3	41968	72487	2.37%	0.279%
78	20.373	2939	2942	2947	rVB3	66669	100989	3.31%	0.389%
79	20.514	2963	2966	2970	rBV	36079	47807	1.57%	0.184%
80	20.561	2970	2974	2978	rBV2	39752	67513	2.21%	0.260%
81	20.620	2980	2984	2989	rBV	172182	205465	6.73%	0.792%
82	20.967	3039	3043	3050	rVB	76298	129560	4.24%	0.500%
83	21.155	3067	3075	3078	rBV3	58321	155345	5.09%	0.599%
84	21.196	3079	3082	3084	rVV	56225	76838	2.52%	0.296%
85	21.231	3084	3088	3095	rVV4	198837	354567	11.61%	1.367%
86	21.296	3095	3099	3103	rVV	59881	103968	3.40%	0.401%
87	21.560	3136	3144	3149	rBV3	1043447	2065216	67.63%	7.963%
88	21.601	3149	3151	3161	rVB	250651	393078	12.87%	1.516%
89	21.778	3174	3181	3184	rBV5	92743	226009	7.40%	0.871%
90	23.041	3392	3396	3403	rVB2	74545	124323	4.07%	0.479%
91	23.370	3448	3452	3460	rVB3	97843	182711	5.98%	0.704%
92	23.687	3499	3506	3514	rBV2	185967	604279	19.79%	2.330%
93	23.822	3523	3529	3533	rBV2	155607	300676	9.85%	1.159%
94	23.869	3533	3537	3543	rVB3	94542	176485	5.78%	0.680%
95	24.380	3619	3624	3629	rBV	80692	155720	5.10%	0.600%
96	24.451	3629	3636	3643	rBV	335559	812892	26.62%	3.134%
97	24.668	3665	3673	3681	rBV2	512601	1337727	43.81%	5.158%
98	25.826	3864	3870	3879	rVB2	126895	338734	11.09%	1.306%
99	27.124	4087	4091	4100	rVB6	48367	134052	4.39%	0.517%
100	28.176	4262	4270	4284	rVB4	63171	259848	8.51%	1.002%

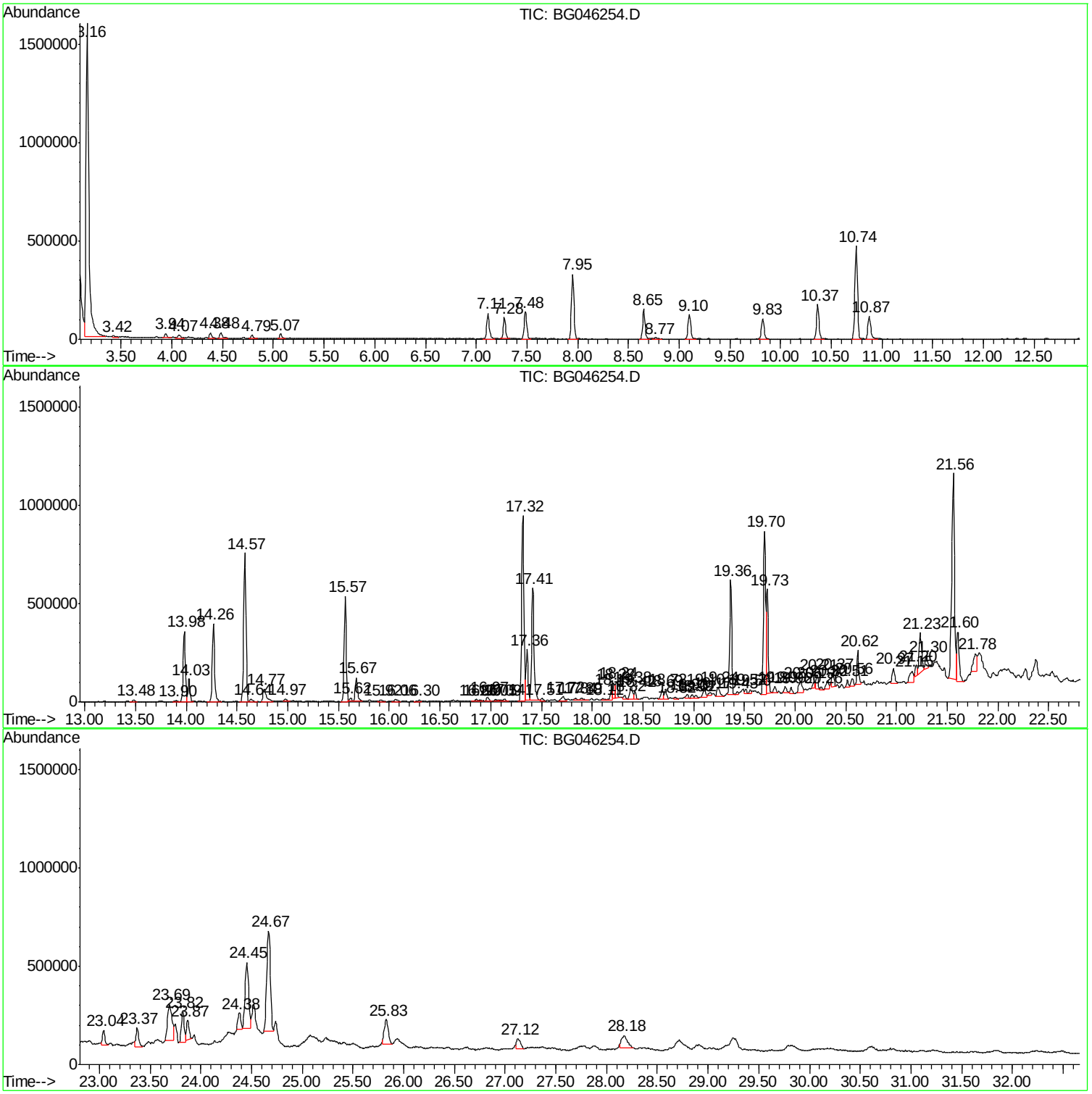
Sum of corrected areas: 25935797

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046254.D
Acq On : 13 Aug 2020 18:21
Operator : CG/JU
Sample : L3629-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM59

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 : BG046254.D
Acq On : 13 Aug 2020 18:21
Operator : CG/JU
Sample : L3629-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM59

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

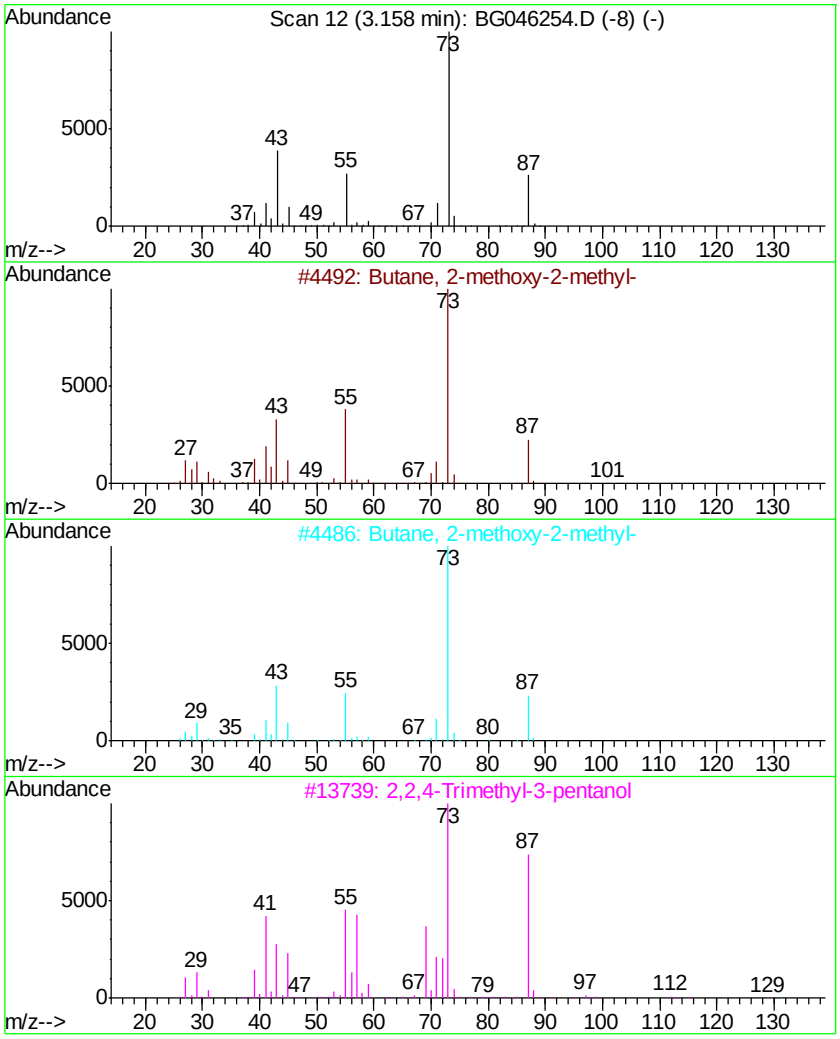
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

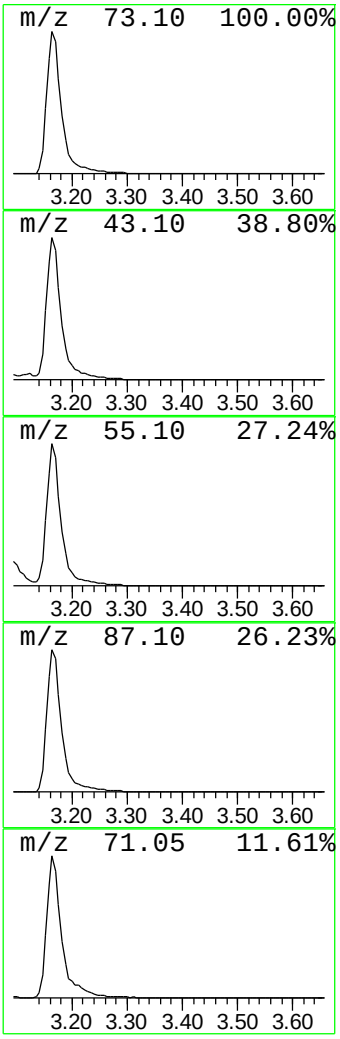
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.16	109.85 ng/ul	3053580	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	72
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046254.D
Acq On : 13 Aug 2020 18:21
Operator : CG/JU
Sample : L3629-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM59

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

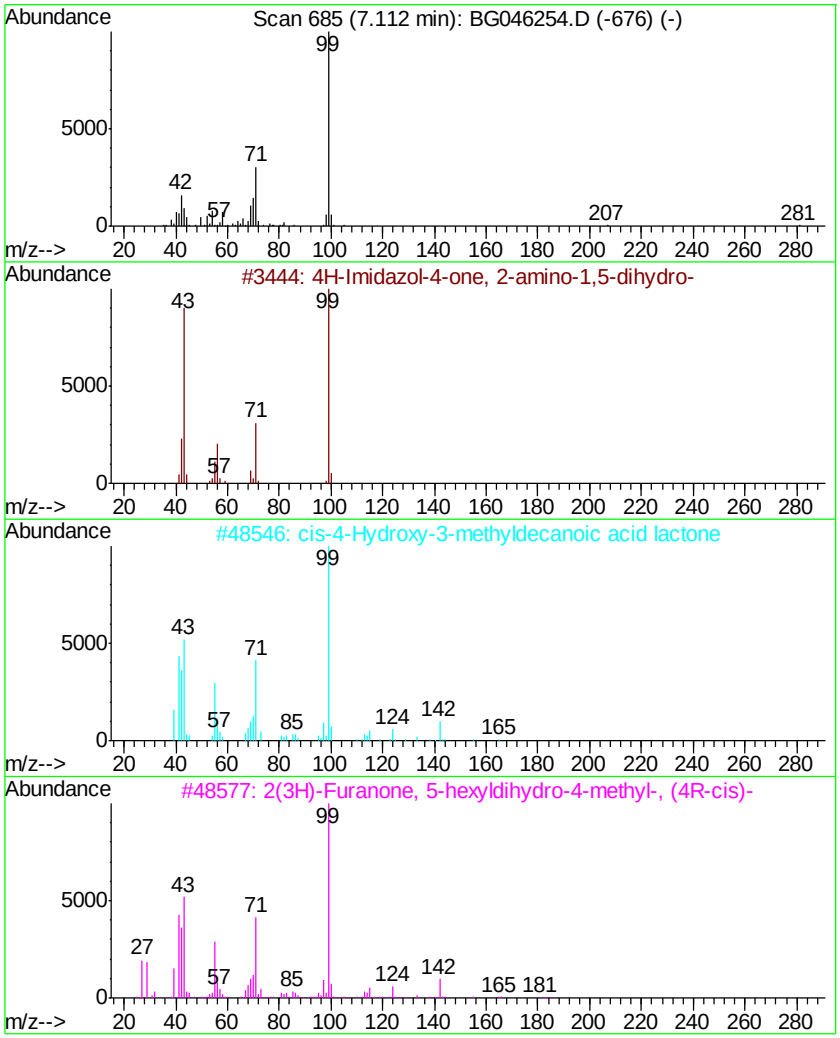
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

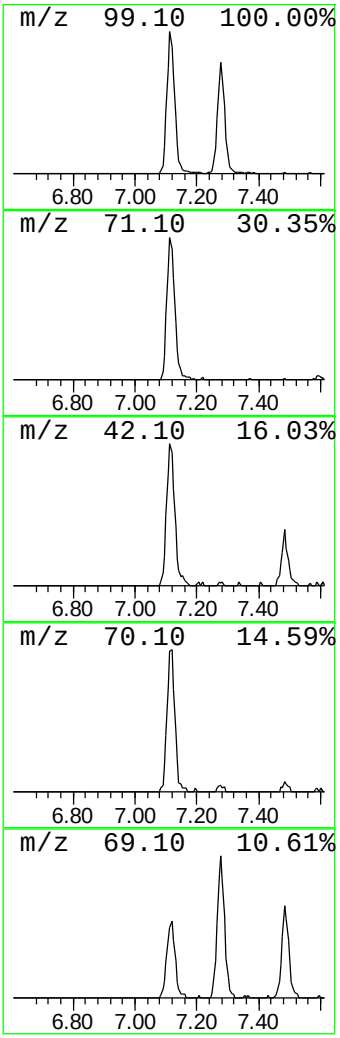
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.11	8.63 ng/ul	239951	1,4-Dichlorobenzene-d4	7.95

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	cis-4-Hydroxy-3-methyldecanoic a...	184	C11H20O2	147254-32-8	64
3	2(3H)-Furanone, 5-hexyldihydro-4...	184	C11H20O2	121644-12-0	64
4	Hexanoic acid, 3-chloroprop-2-en...	190	C9H15ClO2	1000299-36-1	59
5	Hexanoic acid, 3-tetradecyl ester	312	C20H40O2	1000279-29-7	56





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046254.D
Acq On : 13 Aug 2020 18:21
Operator : CG/JU
Sample : L3629-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM59

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

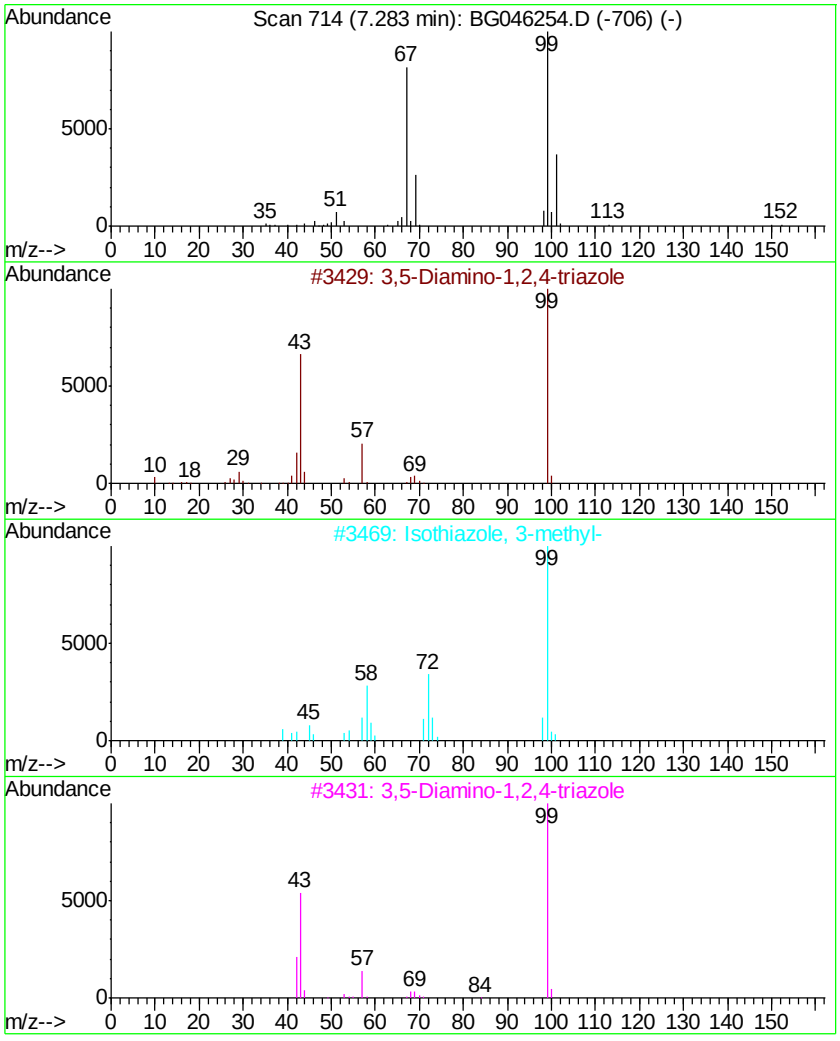
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

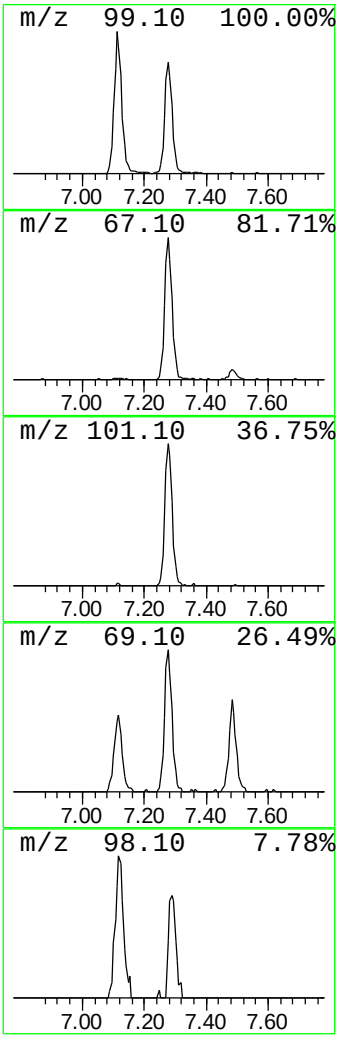
****

Peak Number 3 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.28	6.56 ng/ul	182311	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Diamino-1,2,4-triazole	99	C2H5N5	001455-77-2	9
2	Isothiazole, 3-methyl-	99	C4H5NS	000693-92-5	9
3	3,5-Diamino-1,2,4-triazole	99	C2H5N5	001455-77-2	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\BG081320\
Data File : BG046254.D
Acq On : 13 Aug 2020 18:21
Operator : CG/JU
Sample : L3629-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM59

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

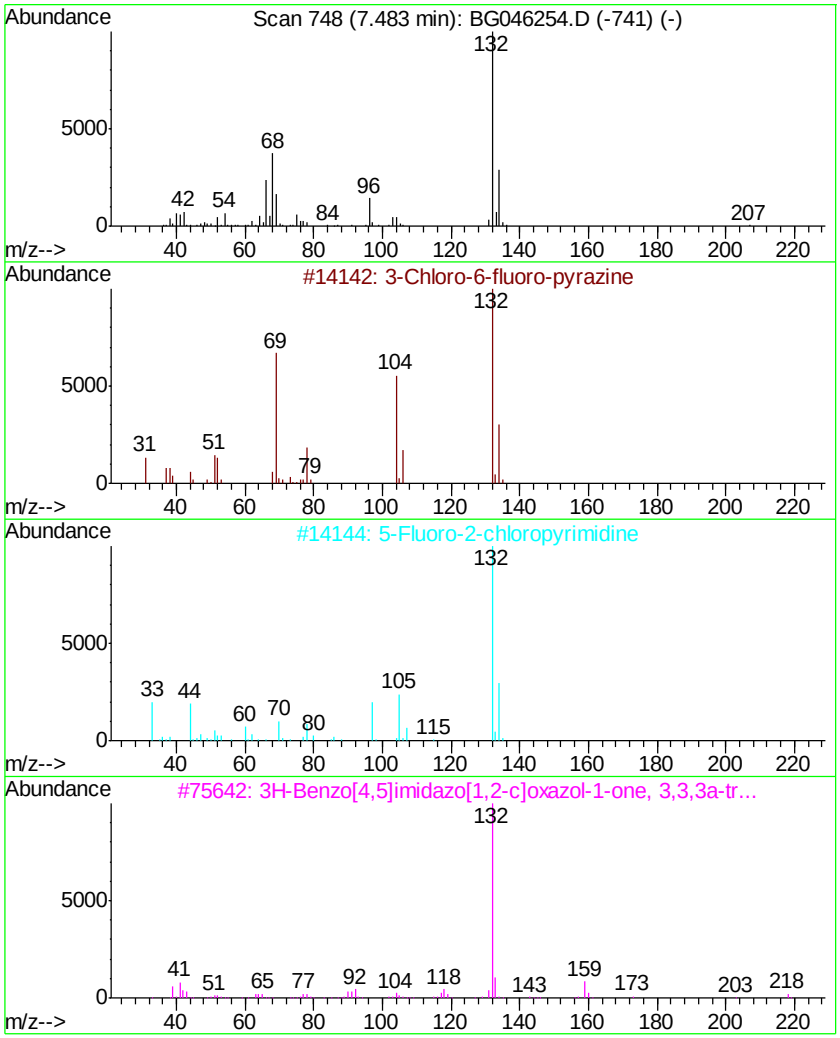
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

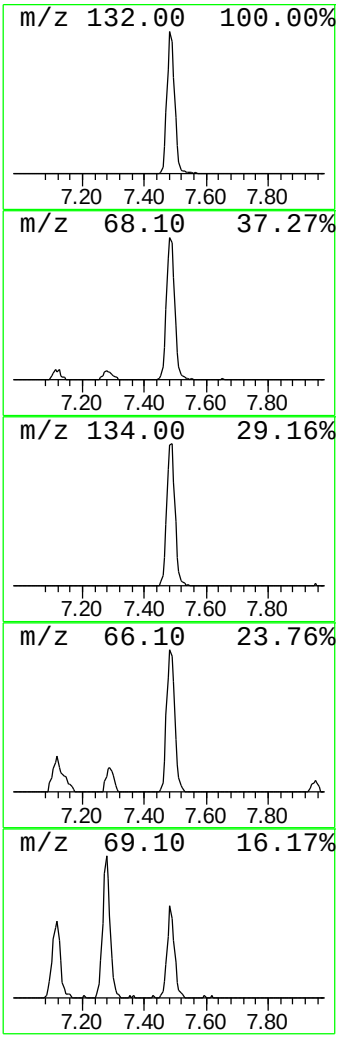
****

Peak Number 4 unknown-02 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.48	8.62 ng/ul	239712	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	35
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	17
3	3H-Benzo[4,5]imidazo[1,2-c]oxazo...	218	C12H14N2O2	1000316-99-9	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5	4-Ethylphenyl isocyanate	147	C9H9NO	023138-50-3	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046254.D
Acq On : 13 Aug 2020 18:21
Operator : CG/JU
Sample : L3629-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM59

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

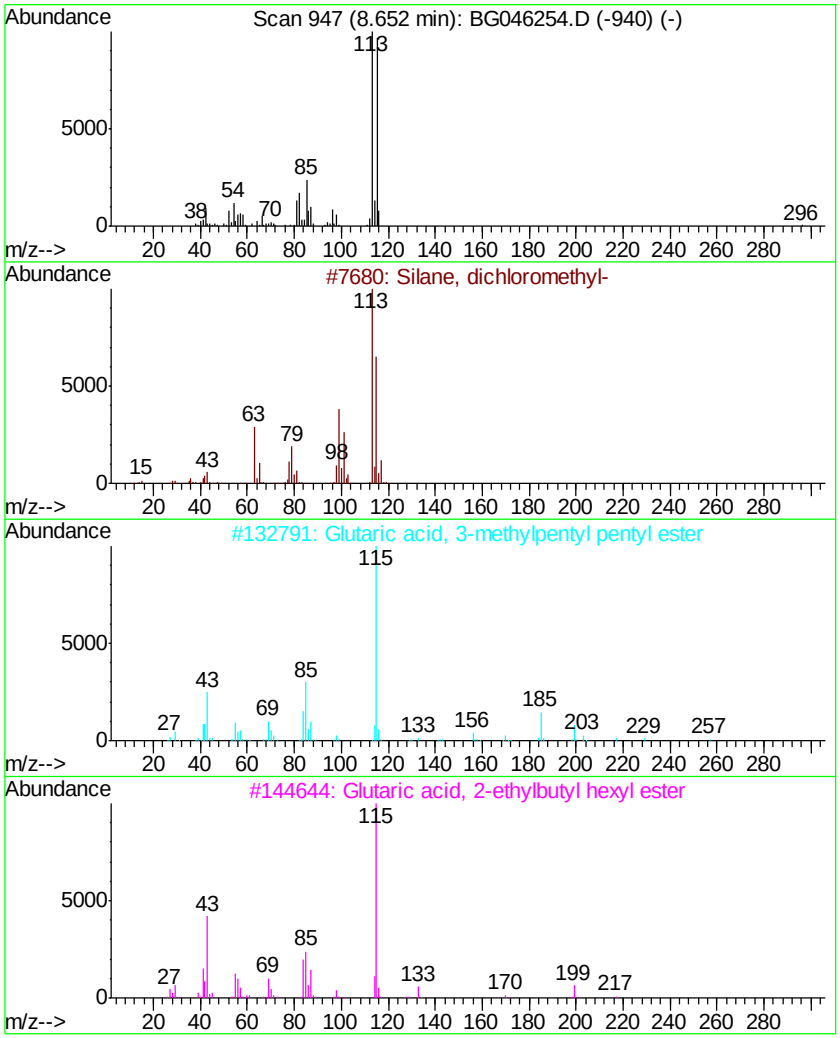
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

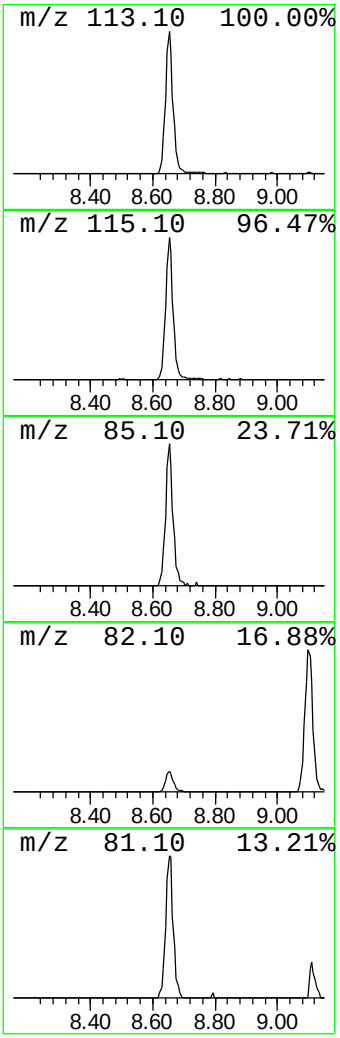
****

Peak Number 5 Silane, dichloromethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	9.33 ng/ul	259398	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, dichloromethyl-	114	CH4Cl2Si	000075-54-7	64
2	Glutaric acid, 3-methylpentyl pe...	286	C16H30O4	1000360-05-8	43
3	Glutaric acid, 2-ethylbutyl hexy...	300	C17H32O4	1000359-42-7	43
4	Glutaric acid, butyl 2-ethylbuty...	272	C15H28O4	1000359-42-5	43
5	Glutaric acid, butyl 3-methylpen...	272	C15H28O4	1000360-05-7	43





Library Search Compound Report

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Acq On : 13 Aug 2020 18:21
Operator : CG/JU
Sample : L3629-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM59

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

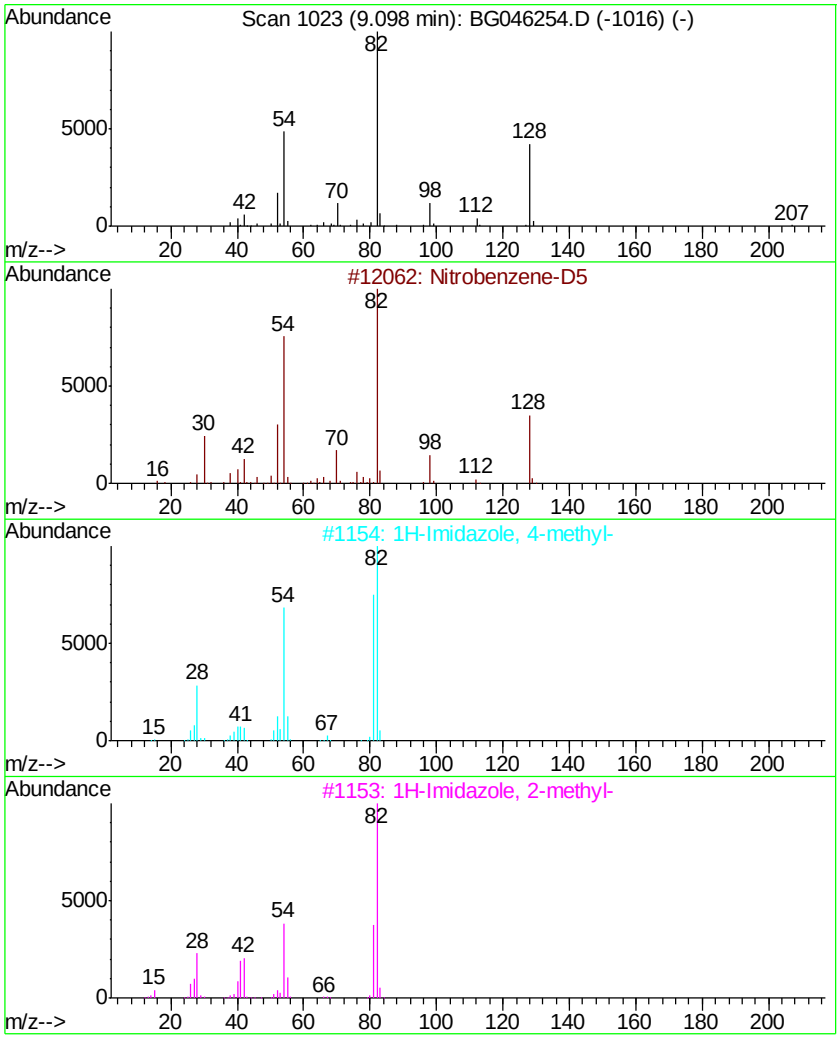
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

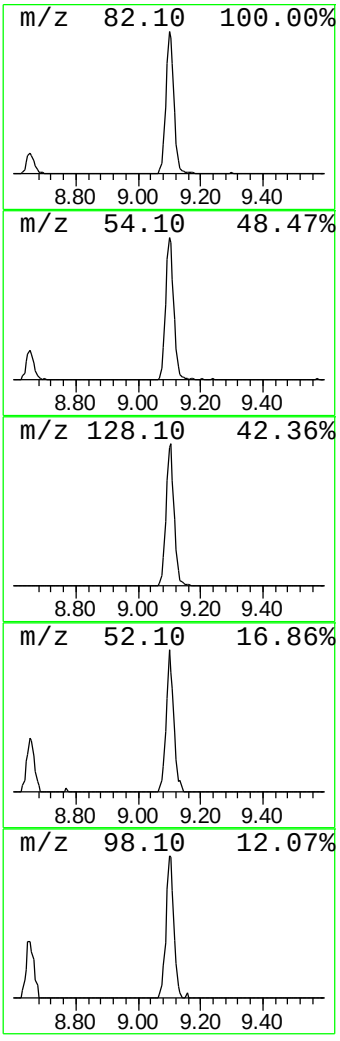
****

Peak Number 6 unknown-03 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.10	8.25 ng/ul	229400	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nitrobenzene-D5	128	C6D5NO2	004165-60-0	47
2	1H-Imidazole, 4-methyl-	82	C4H6N2	000822-36-6	47
3	1H-Imidazole, 2-methyl-	82	C4H6N2	000693-98-1	38
4	1H-Imidazole, 4-methyl-	82	C4H6N2	000822-36-6	38
5	Nitrobenzene-D5	128	C6D5NO2	004165-60-0	28





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Operator : CG/JU
Sample : L3629-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM59

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Quant Title : SVOA CALIBRATION

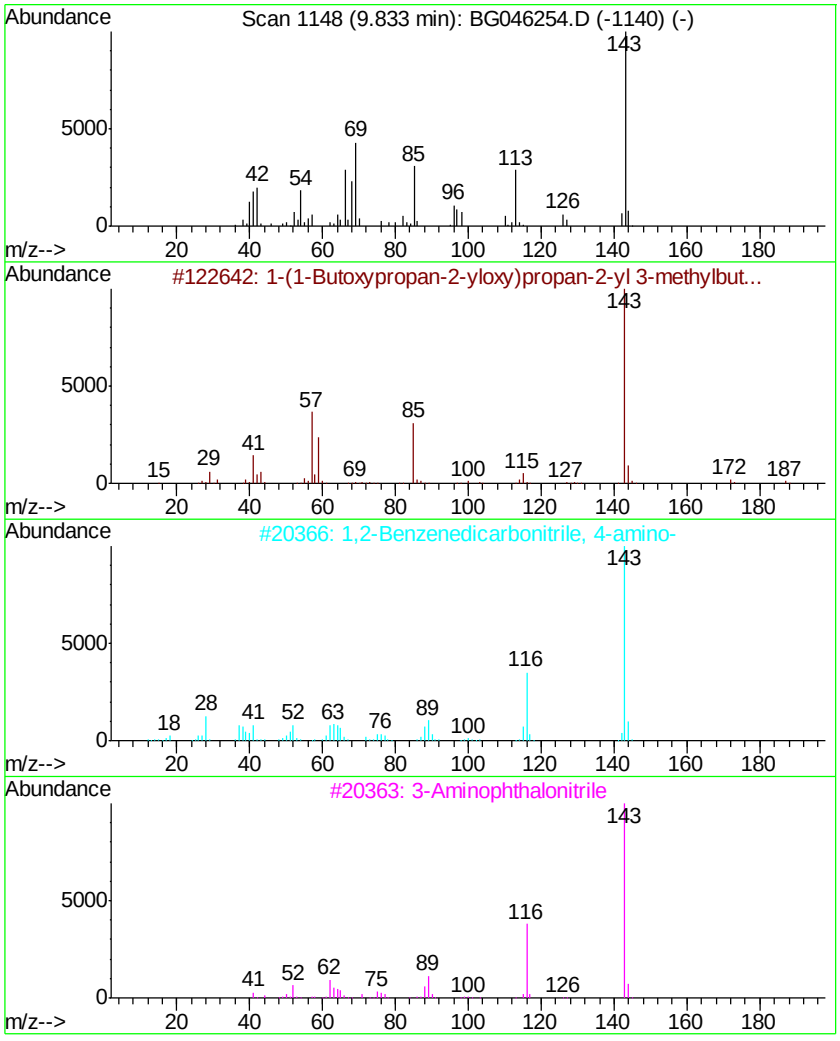
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

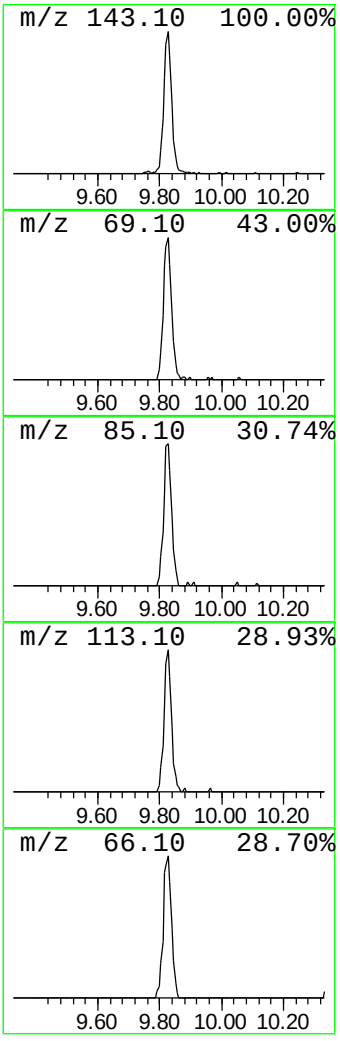
****

Peak Number 7 unknown-04 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.83	4.39 ng/ul	181494	Naphthalene-d8	10.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(1-Butoxypropan-2-yloxy)propan...	274	C15H30O4	1000367-12-9	16
2	1,2-Benzenedicarbonitrile, 4-amino-	143	C8H5N3	056765-79-8	14
3	3-Aminophthalonitrile	143	C8H5N3	058632-96-5	14
4	1-(1-Butoxypropan-2-yloxy)propan...	274	C15H30O4	1000367-13-0	12
5	Isoquinoline, 7-methyl-	143	C10H9N	054004-38-5	9





Library Search Compound Report

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Data File : BG046254.D
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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM59

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Quant Title : SVOA CALIBRATION

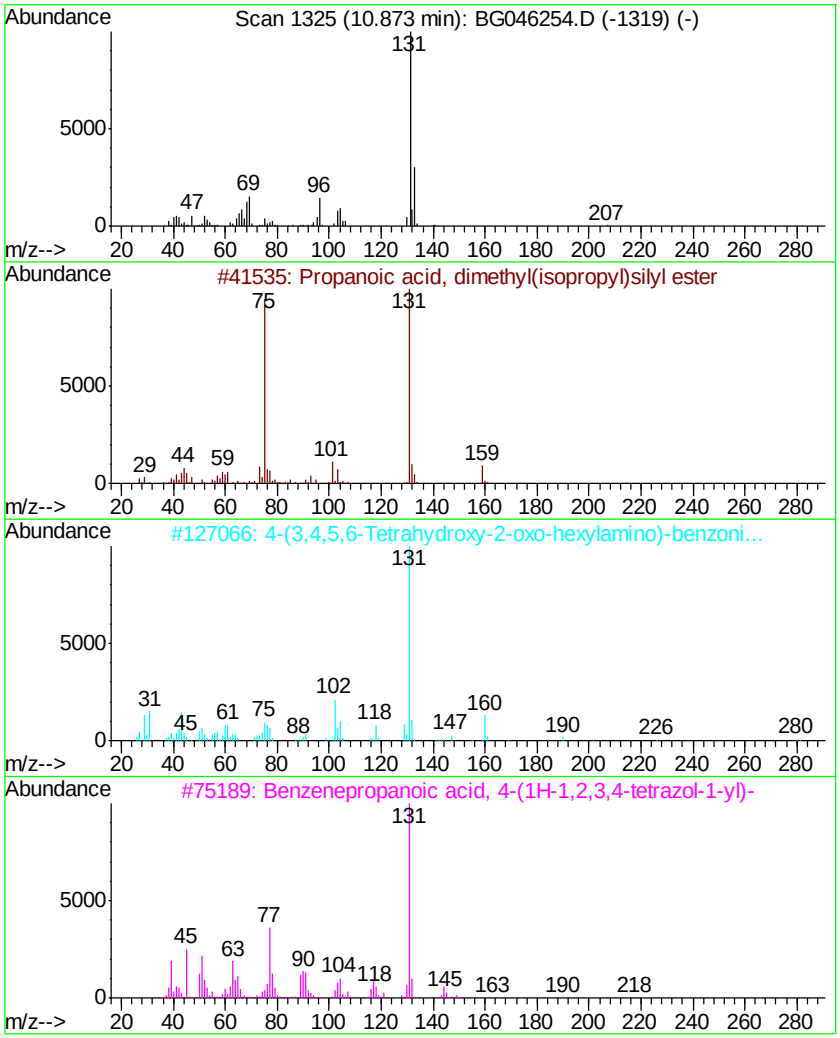
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

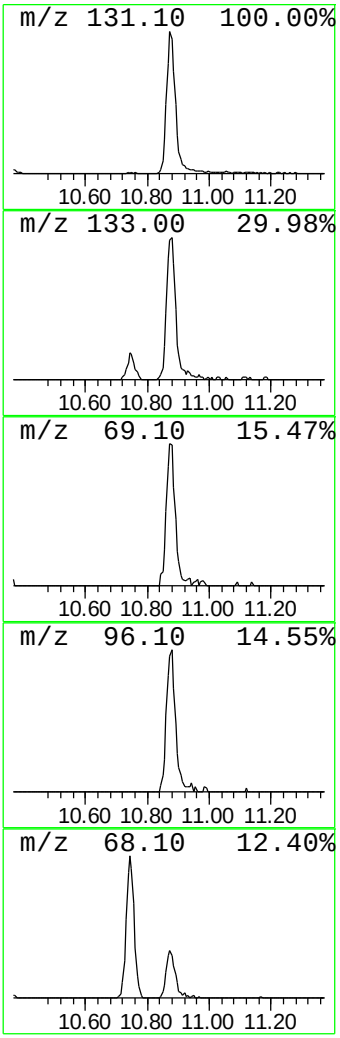
****

Peak Number 8 unknown-05 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	5.35 ng/ul	221370	Naphthalene-d8	10.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, dimethyl(isoprop...	174	C8H18O2Si	1000279-45-8	33
2	4-(3,4,5,6-Tetrahydroxy-2-oxo-he...	280	C13H16N2O5	1000189-82-8	33
3	Benzenepropanoic acid, 4-(1H-1,2...	218	C10H10N4O2	1000349-98-4	33
4	Benzeneacetic acid, 4-(1H-1,2,3,...	204	C9H8N4O2	1000351-56-5	33
5	1,3-Phenylene, bis(3-phenylprope...	370	C24H18O4	1000259-62-4	25





Library Search Compound Report

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Acq On : 13 Aug 2020 18:21
Operator : CG/JU
Sample : L3629-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM59

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

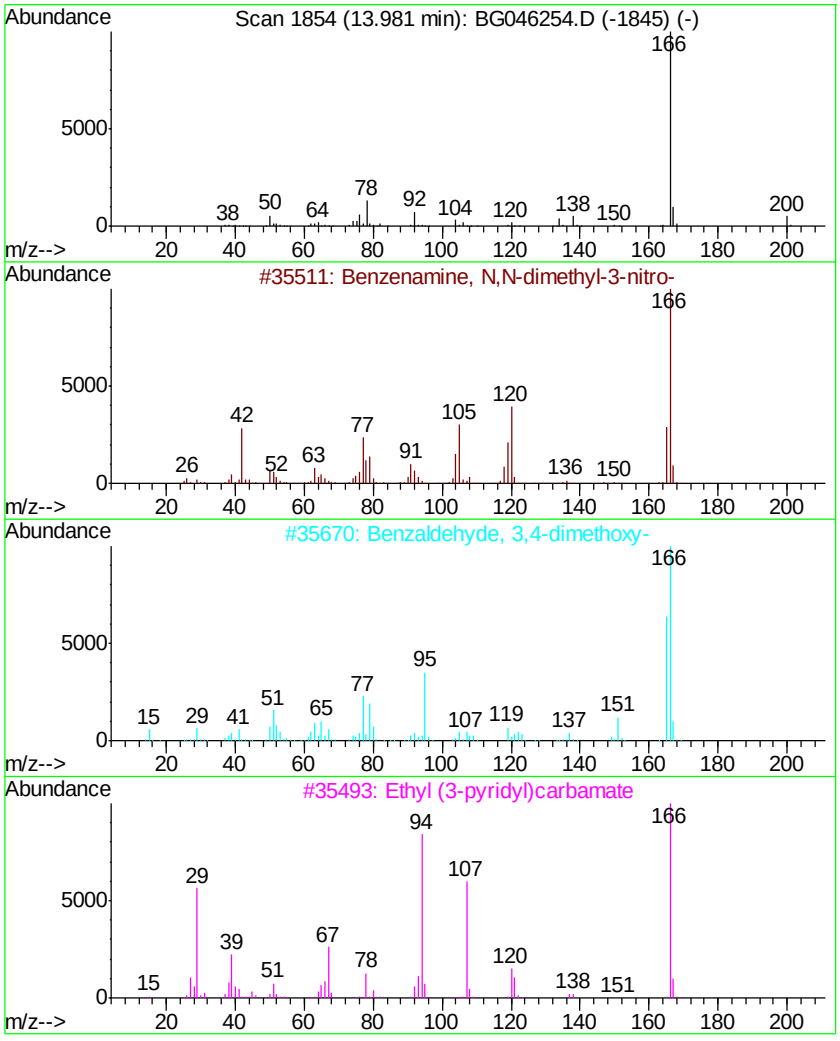
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

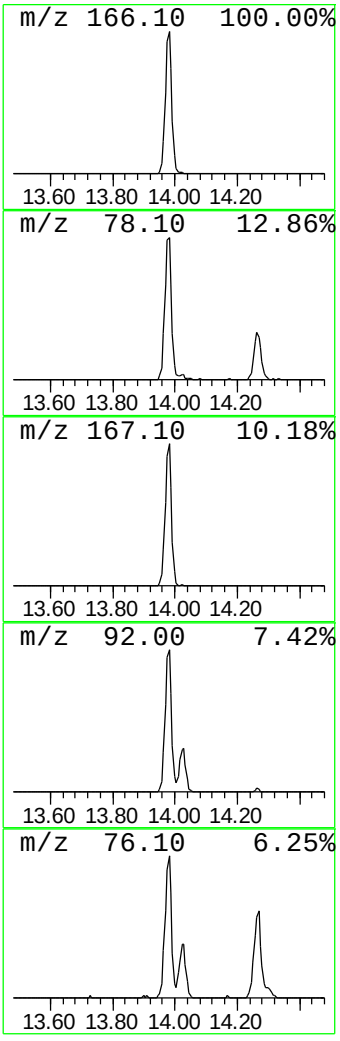
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.98	8.79 ng/ul	523511	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	Benzenamine, N,N-dimethyl-4-nitro-	166	C8H10N2O2	000100-23-2	38





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Sample : L3629-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM59

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

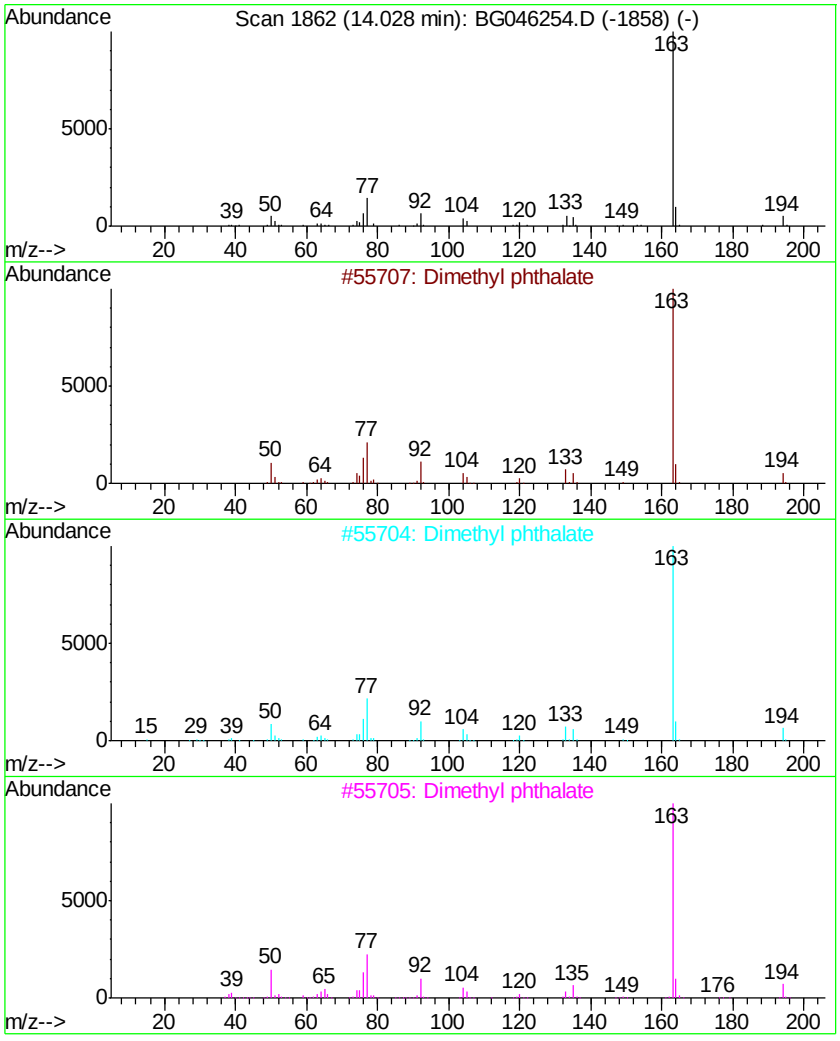
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

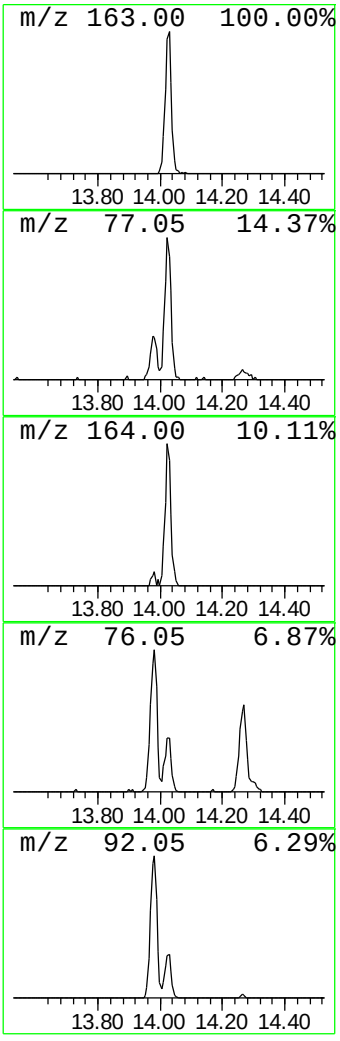
****

Peak Number 10 Dimethyl phthalate Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.03	2.75 ng/ul	163848	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl phthalate	194	C10H10O4	000131-11-3	94
2	Dimethyl phthalate	194	C10H10O4	000131-11-3	92
3	Dimethyl phthalate	194	C10H10O4	000131-11-3	91
4	Dimethyl phthalate	194	C10H10O4	000131-11-3	91
5	Phthalic acid, methyl neopentyl ...	250	C14H18O4	1000315-53-9	83





Library Search Compound Report

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Data File : BG046254.D
Acq On : 13 Aug 2020 18:21
Operator : CG/JU
Sample : L3629-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM59

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Quant Title : SVOA CALIBRATION

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

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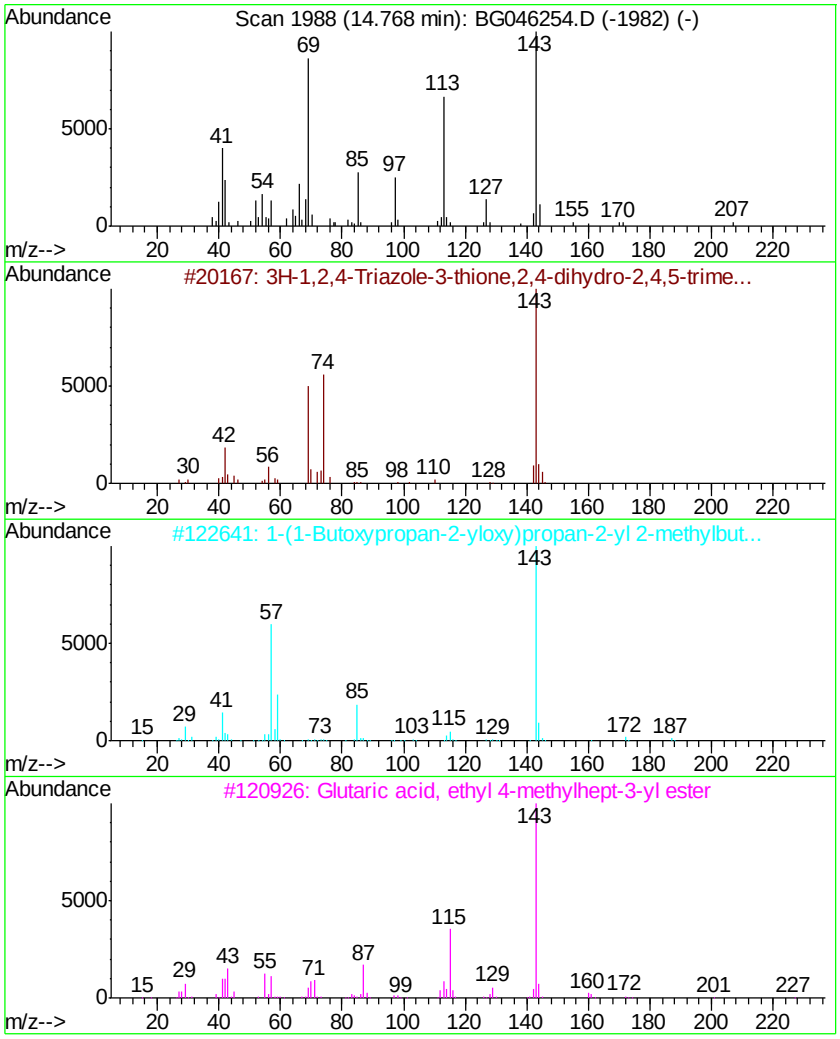
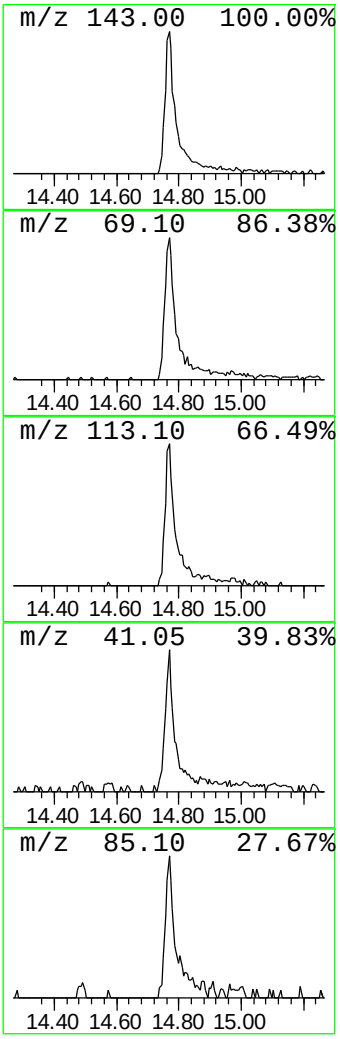
Peak Number 11 unknown-06 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	2.55 ng/ul	151677	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3H-1,2,4-Triazole-3-thione,2,4-d...	143	C5H9N3S	037526-42-4	14
2	1-(1-Butoxypropan-2-yloxy)propan...	274	C15H30O4	1000367-10-9	14
3	Glutaric acid, ethyl 4-methylhep...	272	C15H28O4	1000377-14-9	14
4	Glutaric acid, 3,3-dimethylbut-2...	244	C13H24O4	1000359-74-7	12
5	Pentanedioic acid, 3-chloro-	166	C5H7ClO4	027571-06-8	10





Library Search Compound Report

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Operator : CG/JU
Sample : L3629-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM59

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Quant Title : SVOA CALIBRATION

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

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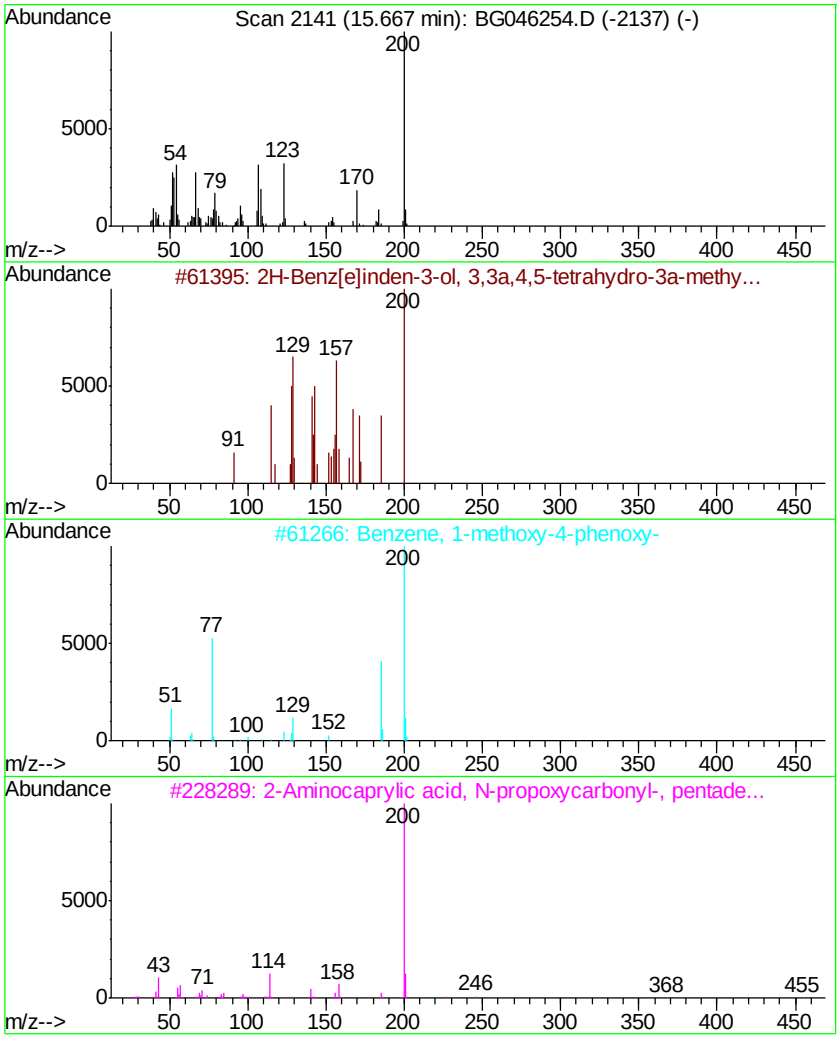
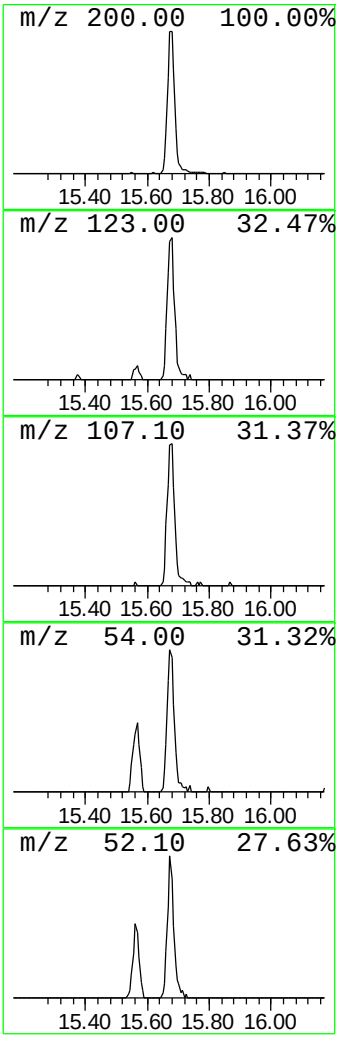
Peak Number 12 unknown-07 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	3.17 ng/ul	189119	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Benz[e]inden-3-ol, 3,3a,4,5-t...	200	C14H16O	071805-91-9	38
2	Benzene, 1-methoxy-4-phenoxy-	200	C13H12O2	001655-69-2	14
3	2-Aminocaprylic acid, N-propoxyc...	455	C27H53NO4	1000325-43-1	14
4	Benzene, 1-methoxy-3-phenoxy-	200	C13H12O2	001655-68-1	14
5	Benzenamine, 4,4'-oxybis-	200	C12H12N2O	000101-80-4	10





Library Search Compound Report

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ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM59

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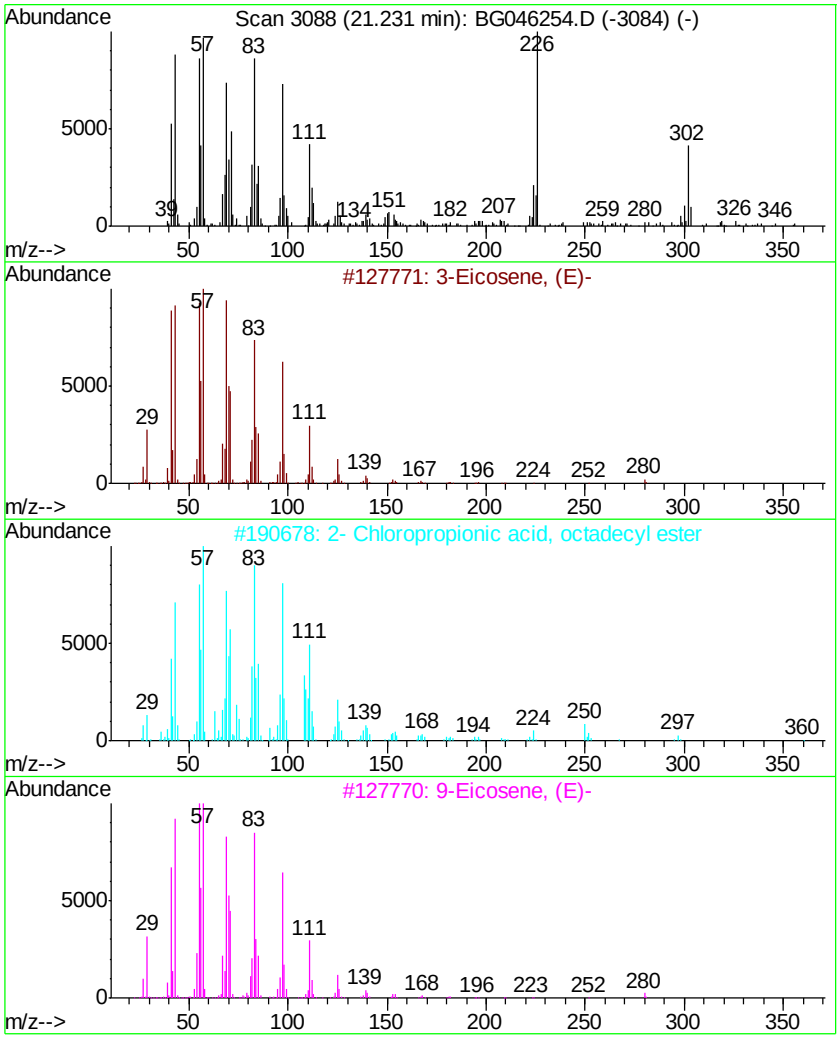
Quant Title : SVOA CALIBRATION

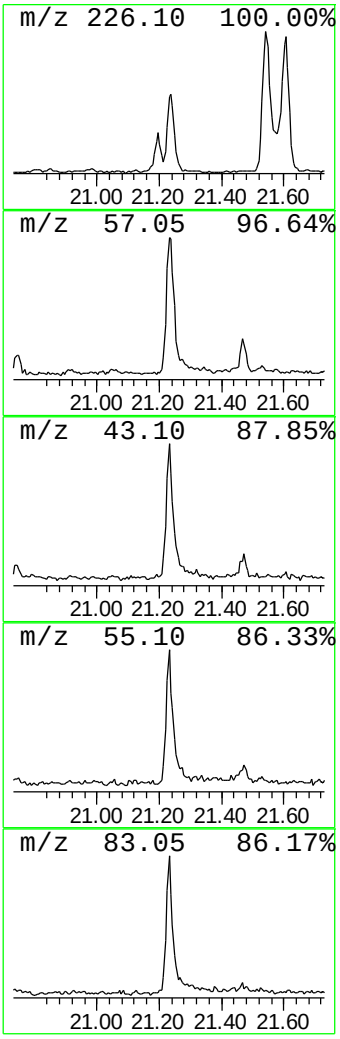
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.23	3.43 ng/ul	354567	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	86
2	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	60
3	9-Eicosene, (E)-	280	C20H40	074685-29-3	59
4	5-Eicosene, (E)-	280	C20H40	074685-30-6	59
5	1-Hexadecanol	242	C16H34O	036653-82-4	55





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Sample : L3629-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM59

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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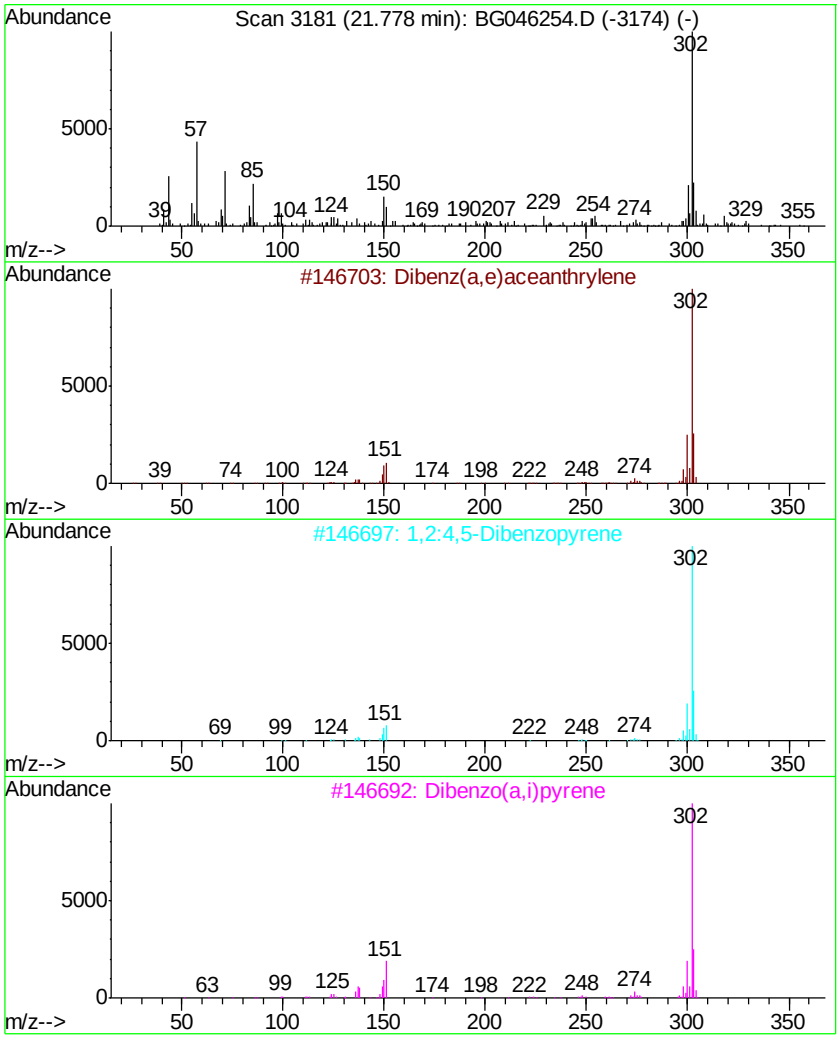
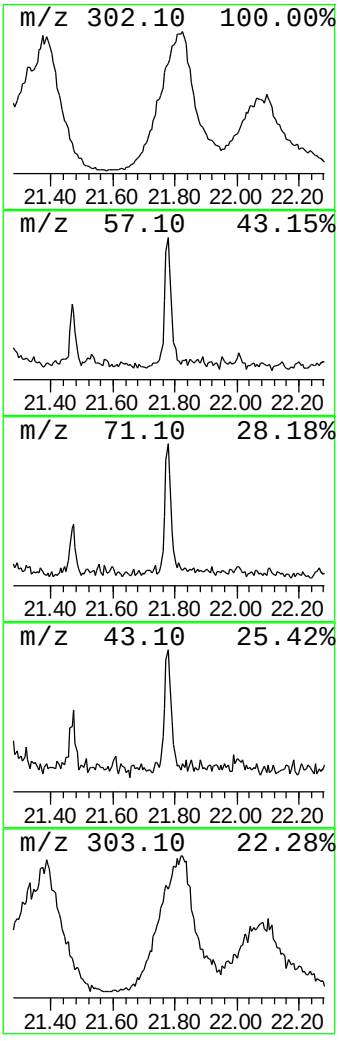
Peak Number 14 Dibenz(a,e)aceanthrylene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.78	2.19 ng/ul	226009	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	62
2	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	62
3	Dibenzo(a,i)pyrene	302	C24H14	000189-55-9	58
4	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	53
5	[2](1,4)Naphthaleno[2](2,6)pyrid...	302	C21H22N2	1000162-52-5	53





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Instrument : BNA_G
ClientSampleId : BFM59

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Quant Title : SVOA CALIBRATION

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

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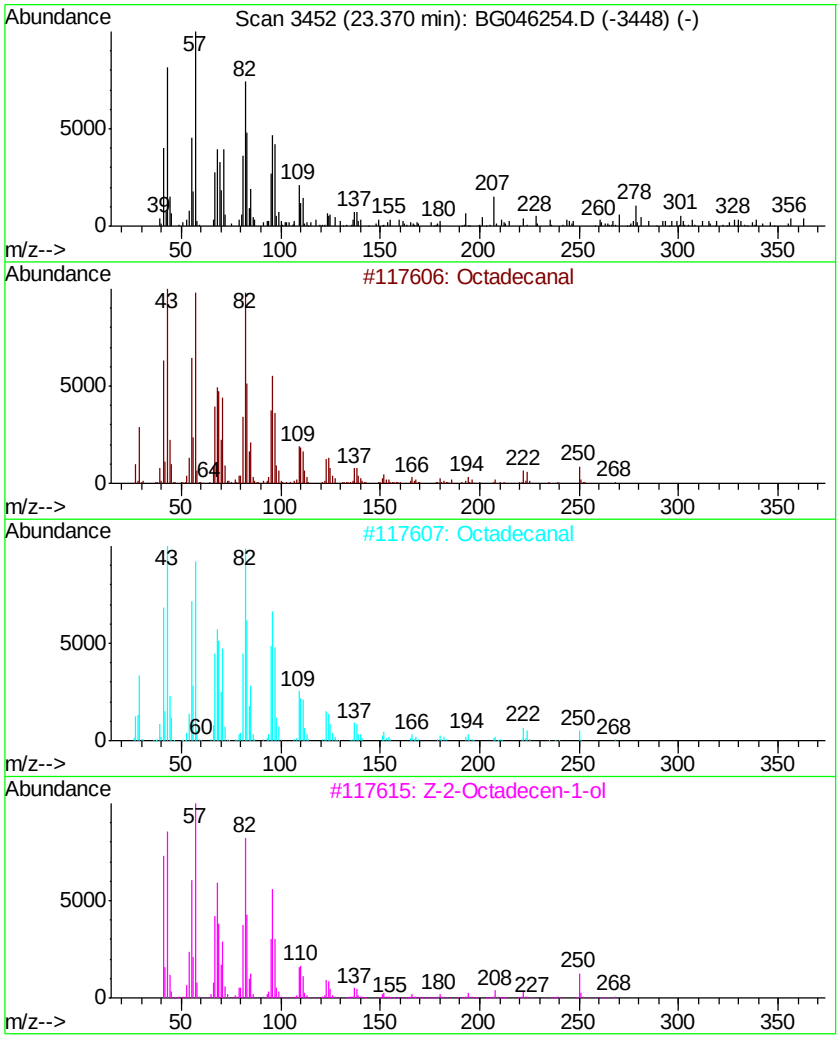
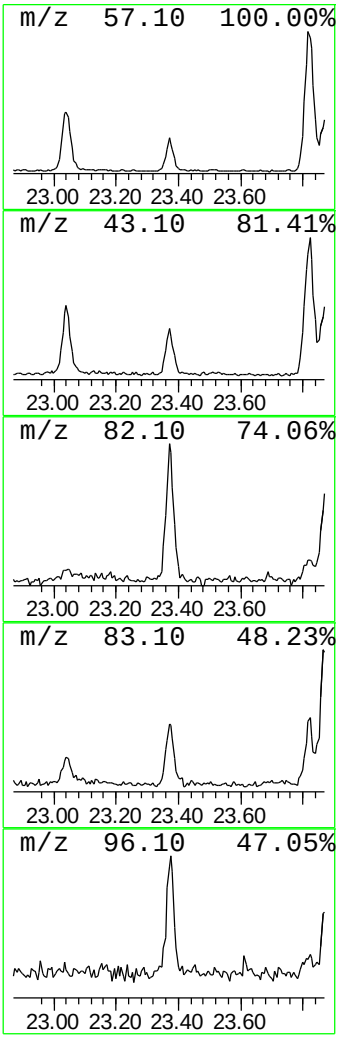
Peak Number 15 Octadecanal Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.37	2.73 ng/ul	182711	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal	268	C18H36O	000638-66-4	93
2	Octadecanal	268	C18H36O	000638-66-4	93
3	Z-2-Octadecen-1-ol	268	C18H36O	1000131-11-0	86
4	Octadecanal	268	C18H36O	000638-66-4	83
5	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	72





Library Search Compound Report

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Sample : L3629-12
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Instrument : BNA_G
ClientSampleId : BFM59

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Quant Title : SVOA CALIBRATION

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

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.82	4.50 ng/ul	300676	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	93
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
3	Tetracosane	338	C24H50	000646-31-1	91
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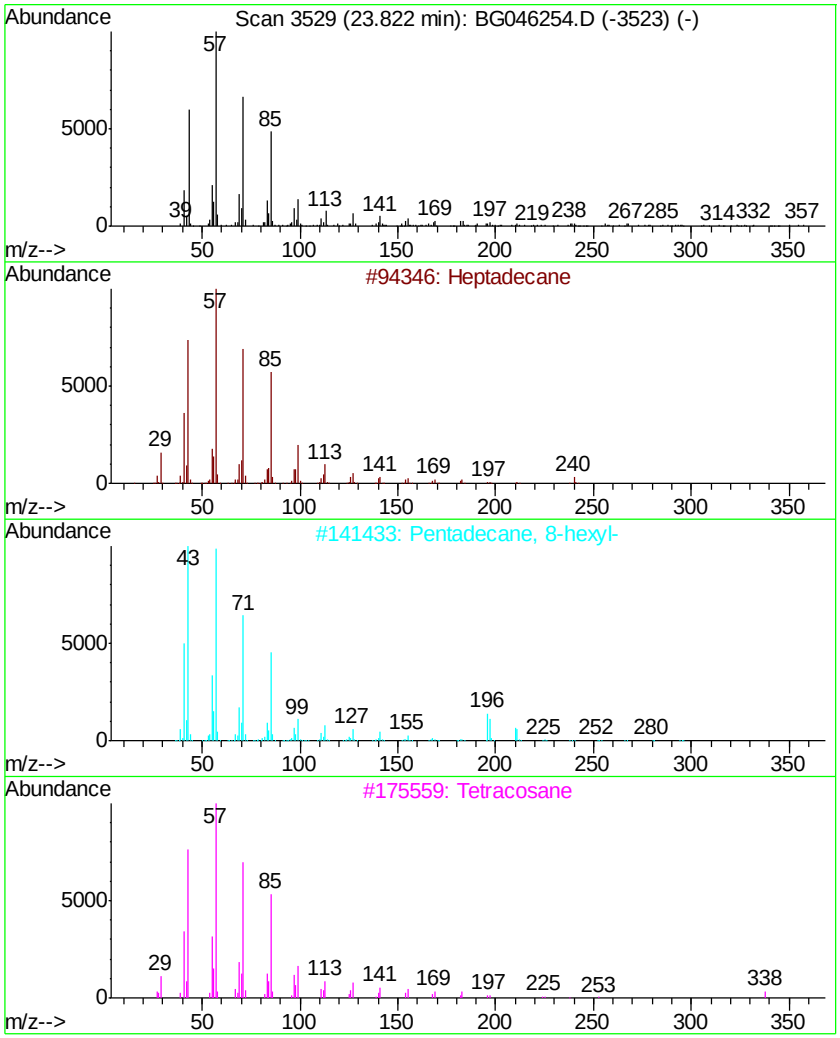
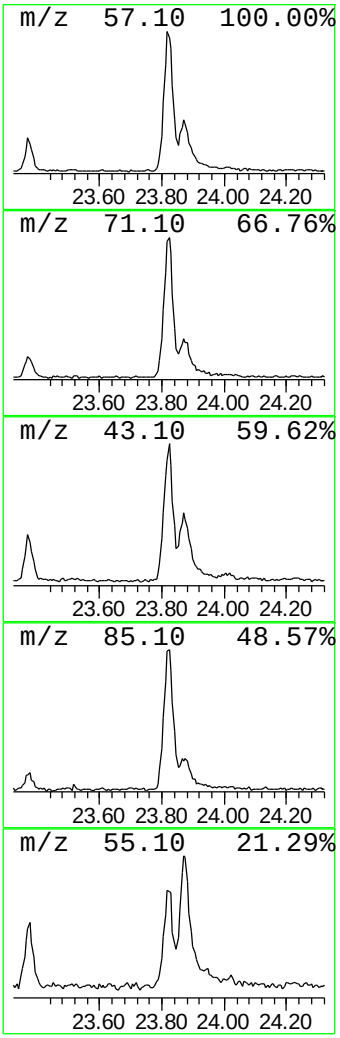
5	Docosane, 11-butyl-	366	C26H54	013475-76-8	87





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Sample : L3629-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM59

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

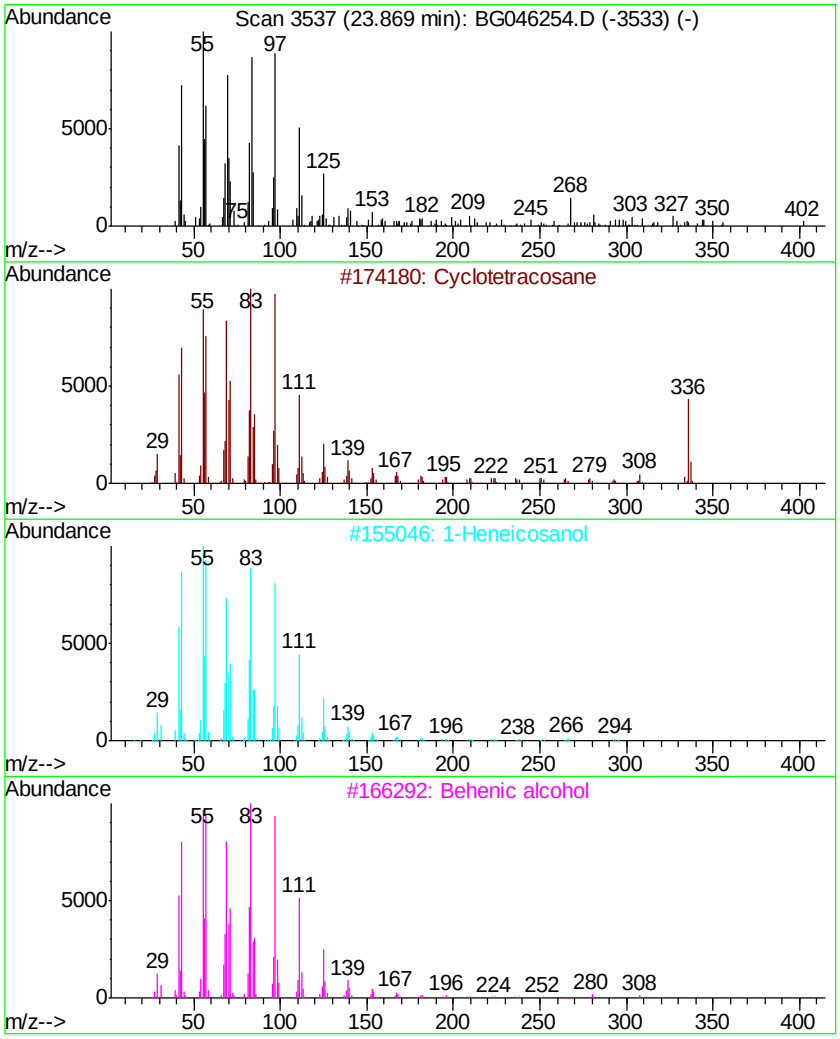
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

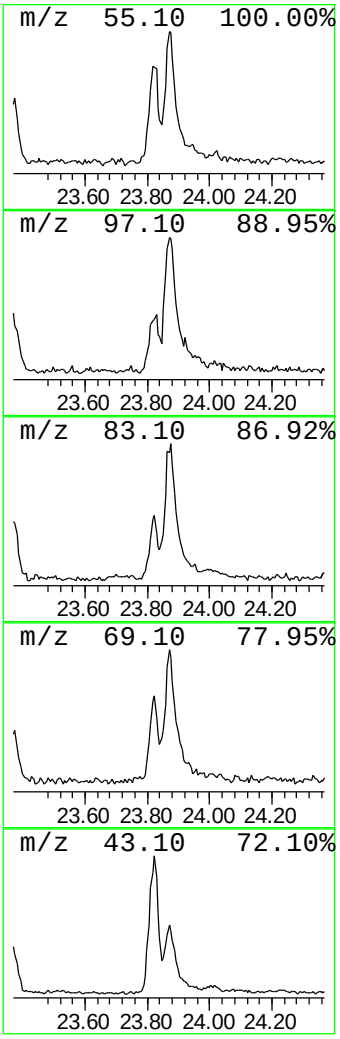
****

Peak Number 17 (DEL) Alkane: Cyclic23.87 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.87	2.64 ng/ul	176485	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	94
2	1-Heneicosanol	312	C21H44O	015594-90-8	91
3	Behenic alcohol	326	C22H46O	000661-19-8	91
4	n-Heptadecanol-1	256	C17H36O	001454-85-9	91
5	1-Heptacosanol	396	C27H56O	002004-39-9	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046254.D
Acq On : 13 Aug 2020 18:21
Operator : CG/JU
Sample : L3629-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM59

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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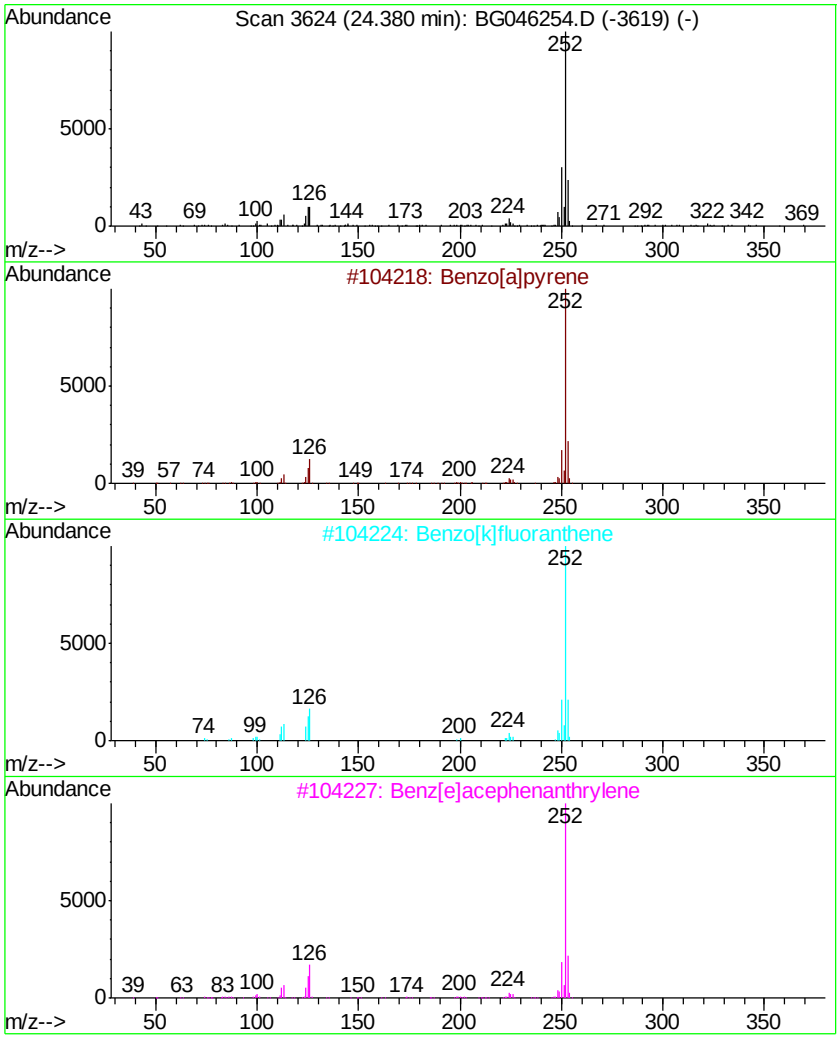
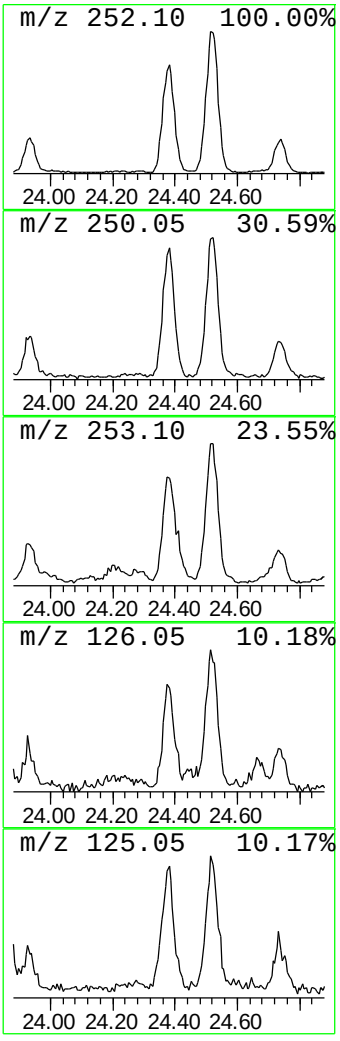
Peak Number 18 Benzo[e]pyrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.38	2.33 ng/ul	155720	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	97
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
4	Benzo[e]pyrene	252	C20H12	000192-97-2	93
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	91





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Data File : BG046254.D
Acq On : 13 Aug 2020 18:21
Operator : CG/JU
Sample : L3629-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM59

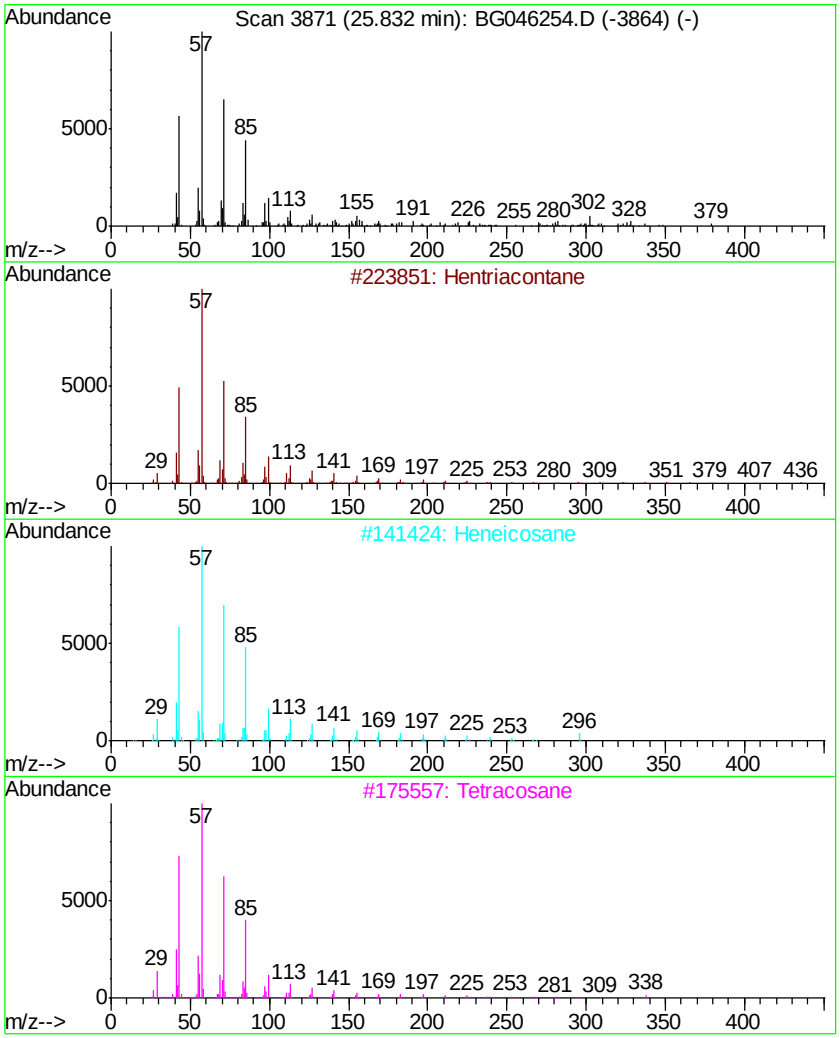
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

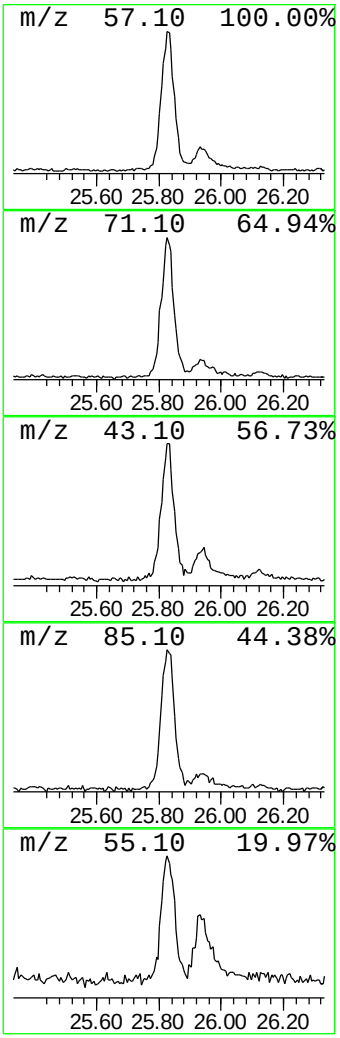
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.83	5.06 ng/ul	338734	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	90
2	Heneicosane	296	C21H44	000629-94-7	87
3	Tetracosane	338	C24H50	000646-31-1	87
4	2-methyloctacosane	408	C29H60	1000376-72-8	87
5	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046254.D
Acq On : 13 Aug 2020 18:21
Operator : CG/JU
Sample : L3629-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM59

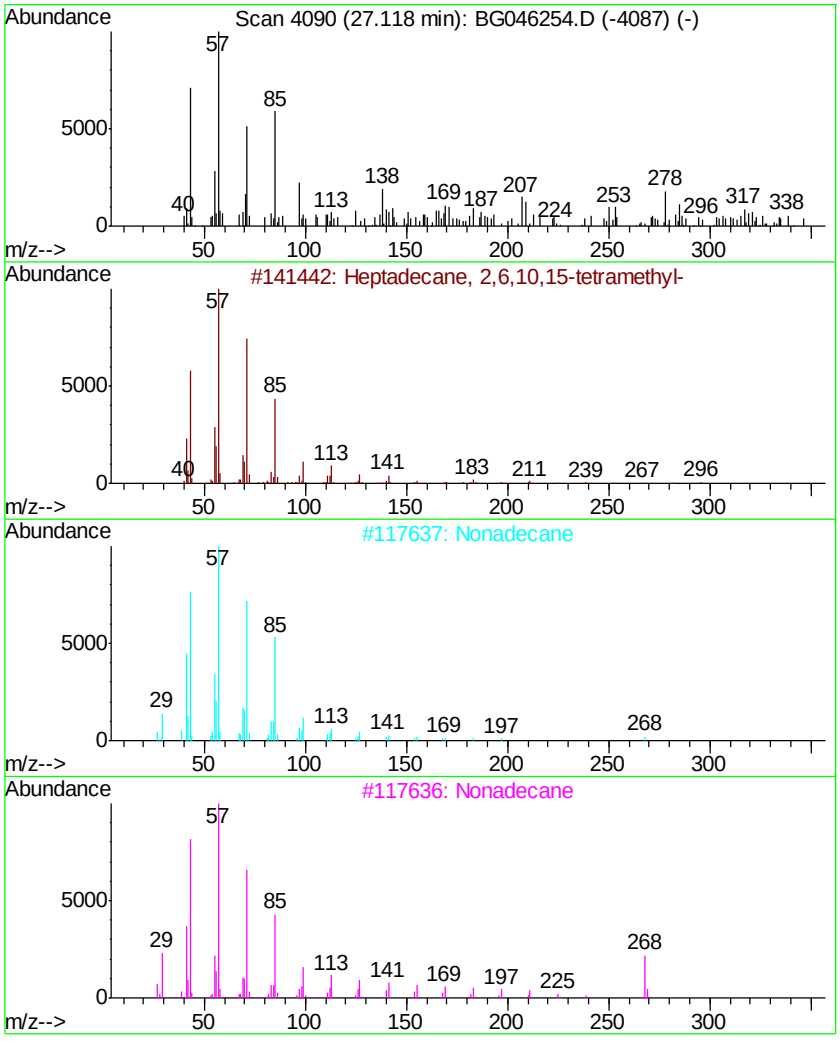
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

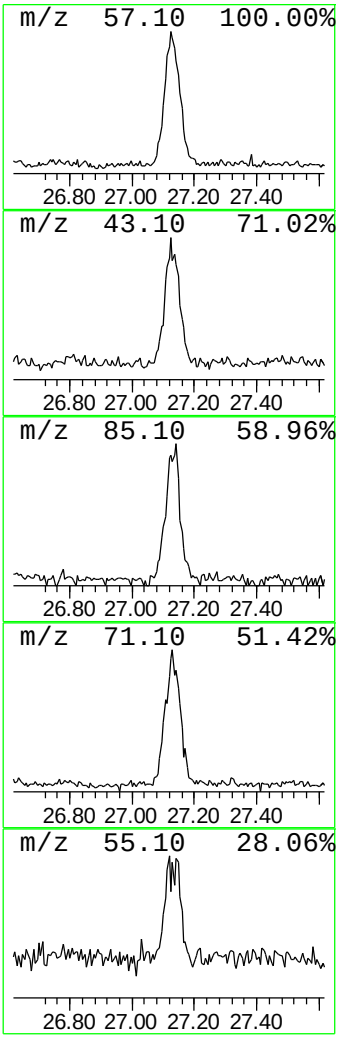
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.12	2.00 ng/ul	134052	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
2	Nonadecane	268	C19H40	000629-92-5	70
3	Nonadecane	268	C19H40	000629-92-5	49
4	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	46
5	Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081320\
Data File : BG046254.D
Acq On : 13 Aug 2020 18:21
Operator : CG/JU
Sample : L3629-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM59

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...	3.16	109.8	ng/ul	3053580	1	7.95	555968	20.0
4H-Imidazol-4-one...	7.11	8.6	ng/ul	239951	1	7.95	555968	20.0
unknown-01	7.28	6.6	ng/ul	182311	1	7.95	555968	20.0
unknown-02	7.48	8.6	ng/ul	239712	1	7.95	555968	20.0
Silane, dichlorom...	8.65	9.3	ng/ul	259398	1	7.95	555968	20.0
unknown-03	9.10	8.3	ng/ul	229400	1	7.95	555968	20.0
unknown-04	9.83	4.4	ng/ul	181494	2	10.74	826920	20.0
unknown-05	10.87	5.3	ng/ul	221370	2	10.74	826920	20.0
Benzenamine, N,N-...	13.98	8.8	ng/ul	523511	3	14.57	1191360	20.0
Dimethyl phthalate	14.03	2.8	ng/ul	163848	3	14.57	1191360	20.0
unknown-06	14.77	2.5	ng/ul	151677	3	14.57	1191360	20.0
unknown-07	15.67	3.2	ng/ul	189119	3	14.57	1191360	20.0
(DEL) Alkane: Str...	21.23	3.4	ng/ul	354567	5	21.56	2065220	20.0
Dibenz(a,e)aceant...	21.78	2.2	ng/ul	226009	5	21.56	2065220	20.0
Octadecanal	23.37	2.7	ng/ul	182711	6	24.67	1337730	20.0
(DEL) Alkane: Str...	23.82	4.5	ng/ul	300676	6	24.67	1337730	20.0
(DEL) Alkane: Cyc...	23.87	2.6	ng/ul	176485	6	24.67	1337730	20.0
Benzo[e]pyrene	24.38	2.3	ng/ul	155720	6	24.67	1337730	20.0
(DEL) Alkane: Str...	25.83	5.1	ng/ul	338734	6	24.67	1337730	20.0
(DEL) Alkane: Str...	27.12	2.0	ng/ul	134052	6	24.67	1337730	20.0