LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046267.D
Acq On : 14 Aug 2020 3:46
Operator : CG/JU
Sample : L3629-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM58

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	35	rVB	1565042	3124932	100.00%	10.903%
2	3.423	54	57	68	rVB6	11415	24908	0.80%	0.087%
3	3.940	141	145	150	rVB	19289	28483	0.91%	0.099%
4	4.069	163	167	173	rVB2	16026	26866	0.86%	0.094%
5	4.163	179	183	188	rVB2	5755	10352	0.33%	0.036%
6	5.068	333	337	344	rVB	13537	20718	0.66%	0.072%
7	5.162	349	353	360	rVB6	3975	8558	0.27%	0.030%
8	7.113	678	685	695	rBV	160759	300128	9.60%	1.047%
9	7.277	702	713	724	rBV	137326	233887	7.48%	0.816%
10	7.489	741	749	758	rVB	169076	305333	9.77%	1.065%
11	7.594	763	767	773	rVB5	5181	9029	0.29%	0.032%
12	7.953	820	828	836	rBV	393084	658790	21.08%	2.298%
13	8.652	940	947	958	rBV	197084	349512	11.18%	1.219%
14	9.099	1016	1023	1035	rBV	158435	285131	9.12%	0.995%
15	9.827	1138	1147	1155	rBV	131362	236714	7.58%	0.826%
16	10.368	1232	1239	1251	rBV	215808	386906	12.38%	1.350%
17	10.750	1296	1304	1318	rVB	527751	948918	30.37%	3.311%
18	10.879	1318	1326	1338	rBV	111895	225558	7.22%	0.787%
19	13.981	1844	1854	1858	rVV	402968	606517	19.41%	2.116%
20	14.028	1858	1862	1868	rVV	129310	189152	6.05%	0.660%
21	14.269	1893	1903	1915	rBV	449194	757613	24.24%	2.643%
22	14.575	1948	1955	1962	rVV2	855145	1319035	42.21%	4.602%
23	14.633	1962	1965	1973	rVB4	5731	10399	0.33%	0.036%
24	14.768	1981	1988	2003	rVV	73851	170239	5.45%	0.594%
25	14.915	2007	2013	2017	rVV7	4277	11694	0.37%	0.041%
26	14.980	2020	2024	2032	rVV7	8333	21078	0.67%	0.074%
27	15.379	2088	2092	2098	rVB5	3997	8860	0.28%	0.031%
28	15.567	2116	2124	2130	rBV	635113	945447	30.25%	3.299%
29	15.620	2130	2133	2137	rVV4	11664	16045	0.51%	0.056%
30	15.679	2137	2143	2150	rVV	133834	206821	6.62%	0.722%
31	15.808	2162	2165	2168	rVV3	6639	8542	0.27%	0.030%
32	15.920	2177	2184	2186	rBV2	7424	12063	0.39%	0.042%
33	16.061	2203	2208	2216	rBV2	7187	16089	0.51%	0.056%
34	16.296	2244	2248	2251	rBV5	7351	10698	0.34%	0.037%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046267.D
Acq On : 14 Aug 2020 3:46
Operator : CG/JU
Sample : L3629-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM58

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	16.472	2275	2278	2283	rVB6	5484	9449	0.30%	0.033%
36	16.637	2299	2306	2307	rBV6	5656	9158	0.29%	0.032%
37	16.731	2317	2322	2327	rBV8	9768	14885	0.48%	0.052%
38	16.795	2327	2333	2336	rVB3	6178	11330	0.36%	0.040%
39	16.854	2341	2343	2348	rBV5	8009	11644	0.37%	0.041%
40	16.972	2357	2363	2371	rVB2	18082	34916	1.12%	0.122%
41	17.048	2371	2376	2377	rBV3	8381	9584	0.31%	0.033%
42	17.136	2388	2391	2399	rVB2	10548	16048	0.51%	0.056%
43	17.218	2401	2405	2410	rBV5	11331	19949	0.64%	0.070%
44	17.318	2413	2422	2426	rBV	1057792	1589969	50.88%	5.547%
45	17.359	2426	2429	2433	rVV	219166	308997	9.89%	1.078%
46	17.412	2433	2438	2449	rVV	640191	1005670	32.18%	3.509%
47	17.506	2449	2454	2461	rVV4	10251	20981	0.67%	0.073%
48	17.630	2472	2475	2480	rVB6	8220	12631	0.40%	0.044%
49	17.712	2480	2489	2494	rBV2	22447	49327	1.58%	0.172%
50	17.765	2494	2498	2501	rVV4	6229	10737	0.34%	0.037%
51	17.835	2507	2510	2513	rVV3	11032	16671	0.53%	0.058%
52	17.894	2516	2520	2528	rVB7	10598	18004	0.58%	0.063%
53	18.000	2534	2538	2541	rVV6	8047	11588	0.37%	0.040%
54	18.106	2553	2556	2560	rVB5	6227	8668	0.28%	0.030%
55	18.159	2560	2565	2567	rBV4	14760	22866	0.73%	0.080%
56	18.217	2567	2575	2584	rVV2	200107	428938	13.73%	1.497%
57	18.317	2589	2592	2598	rVV2	17419	31214	1.00%	0.109%
58	18.388	2598	2604	2607	rVV2	56598	103185	3.30%	0.360%
59	18.423	2607	2610	2618	rVB	38481	58406	1.87%	0.204%
60	18.687	2651	2655	2658	rVV	43105	64555	2.07%	0.225%
61	18.723	2658	2661	2666	rVB	58084	80828	2.59%	0.282%
62	18.934	2694	2697	2702	rVB5	15825	17105	0.55%	0.060%
63	18.987	2704	2706	2709	rVB2	14687	12519	0.40%	0.044%
64	19.028	2709	2713	2716	rVB5	16232	25267	0.81%	0.088%
65	19.104	2721	2726	2730	rBV2	49618	75199	2.41%	0.262%
66	19.151	2731	2734	2735	rBV3	13580	14358	0.46%	0.050%
67	19.240	2745	2749	2757	rBV2	48795	79687	2.55%	0.278%
68	19.369	2760	2771	2778	rBV	577937	890928	28.51%	3.108%
69	19.428	2778	2781	2784	rBV4	16103	18480	0.59%	0.064%
70	19.486	2788	2791	2794	rBV2	56404	67091	2.15%	0.234%
71	19.563	2800	2804	2806	rBV3	15456	24584	0.79%	0.086%

LSC Area Percent Report

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Operator : CG/JU
Sample : L3629-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM58

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

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Peak separation: 5

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

72	19.698	2821	2827	2830	rBV	894989	1319583	42.23%	4.604%
73	19.727	2830	2832	2840	rVB	523676	650133	20.80%	2.268%
74	19.804	2841	2845	2850	rVB4	29024	46145	1.48%	0.161%
75	19.904	2859	2862	2866	rBV	31299	37953	1.21%	0.132%
76	19.962	2869	2872	2877	rVB2	27795	35502	1.14%	0.124%
77	20.062	2882	2889	2893	rBV4	53405	140093	4.48%	0.489%
78	20.180	2906	2909	2911	rBV4	34932	46760	1.50%	0.163%
79	20.221	2912	2916	2920	rVB2	83098	121007	3.87%	0.422%
80	20.315	2929	2932	2936	rBV	35223	52128	1.67%	0.182%
81	20.515	2964	2966	2970	rVB	27007	27655	0.88%	0.096%
82	20.573	2971	2976	2980	rVV3	60596	98493	3.15%	0.344%
83	20.620	2981	2984	2988	rVB3	41860	52741	1.69%	0.184%
84	20.967	3040	3043	3050	rVB	77219	119277	3.82%	0.416%
85	21.196	3079	3082	3084	rBV	47498	60513	1.94%	0.211%
86	21.231	3084	3088	3095	rVV3	313594	524911	16.80%	1.831%
87	21.296	3096	3099	3103	rVB	57913	81835	2.62%	0.286%
88	21.472	3125	3129	3135	rVB	222098	293379	9.39%	1.024%
89	21.560	3136	3144	3149	rVV3	1160099	2291426	73.33%	7.995%
90	21.607	3149	3152	3163	rVB	282713	442014	14.14%	1.542%
91	23.041	3393	3396	3401	rVB	76317	118139	3.78%	0.412%
92	23.376	3448	3453	3460	rVB2	119607	223799	7.16%	0.781%
93	23.687	3500	3506	3513	rBV	203499	596591	19.09%	2.081%
94	23.822	3523	3529	3533	rBV	264476	517788	16.57%	1.807%
95	23.875	3533	3538	3545	rVB	206989	432972	13.86%	1.511%
96	24.387	3619	3625	3630	rBV	103296	241178	7.72%	0.841%
97	24.457	3630	3637	3643	rVV	366904	827130	26.47%	2.886%
98	24.669	3665	3673	3681	rBV2	656881	1742781	55.77%	6.080%
99	25.826	3864	3870	3880	rVB	192986	516586	16.53%	1.802%
100	28.176	4262	4270	4284	rVB4	75937	302931	9.69%	1.057%

Sum of corrected areas: 28661874

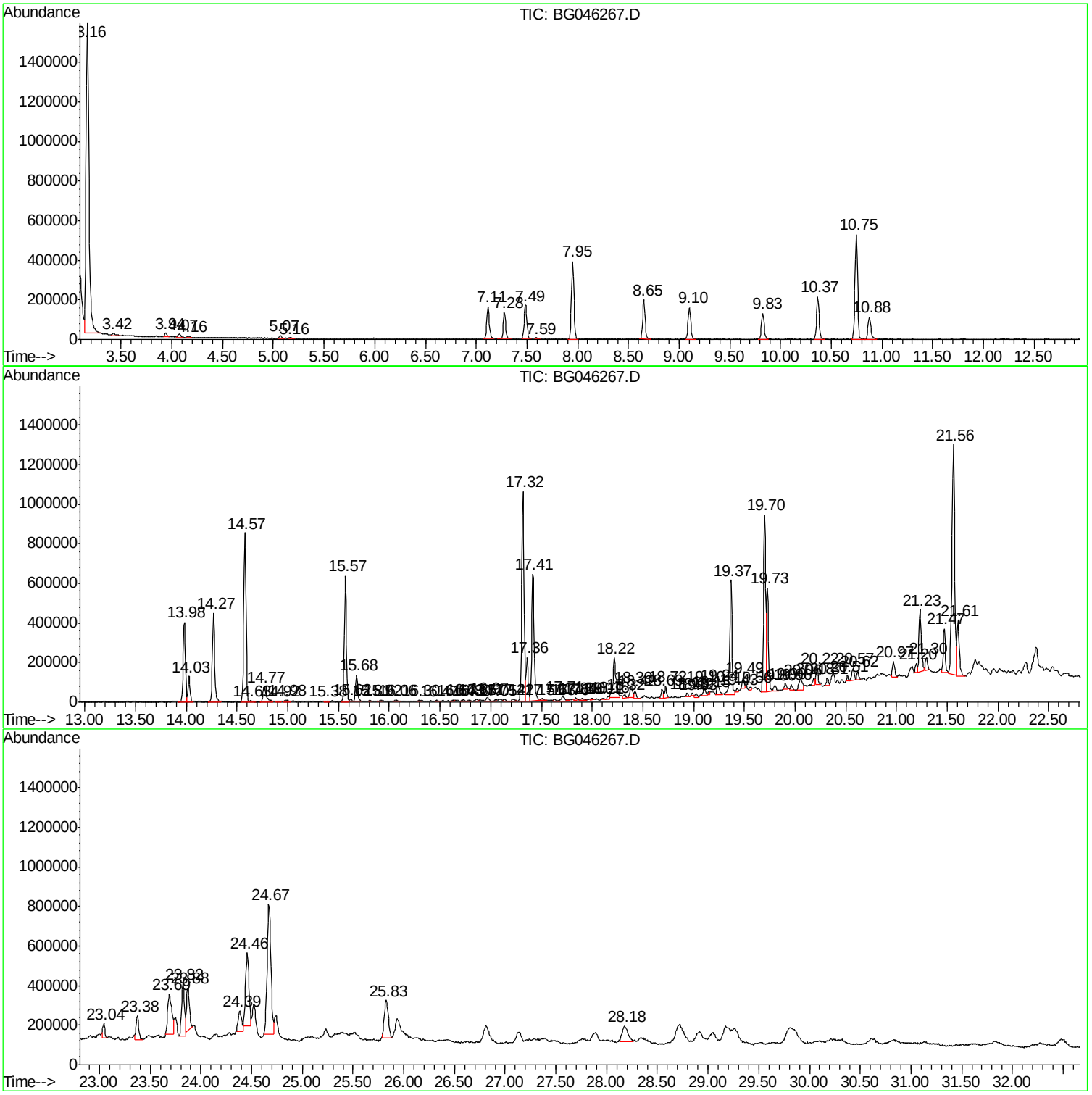
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046267.D
Acq On : 14 Aug 2020 3:46
Operator : CG/JU
Sample : L3629-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM58

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\BG081320\
Data File : BG046267.D
Acq On : 14 Aug 2020 3:46
Operator : CG/JU
Sample : L3629-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM58

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

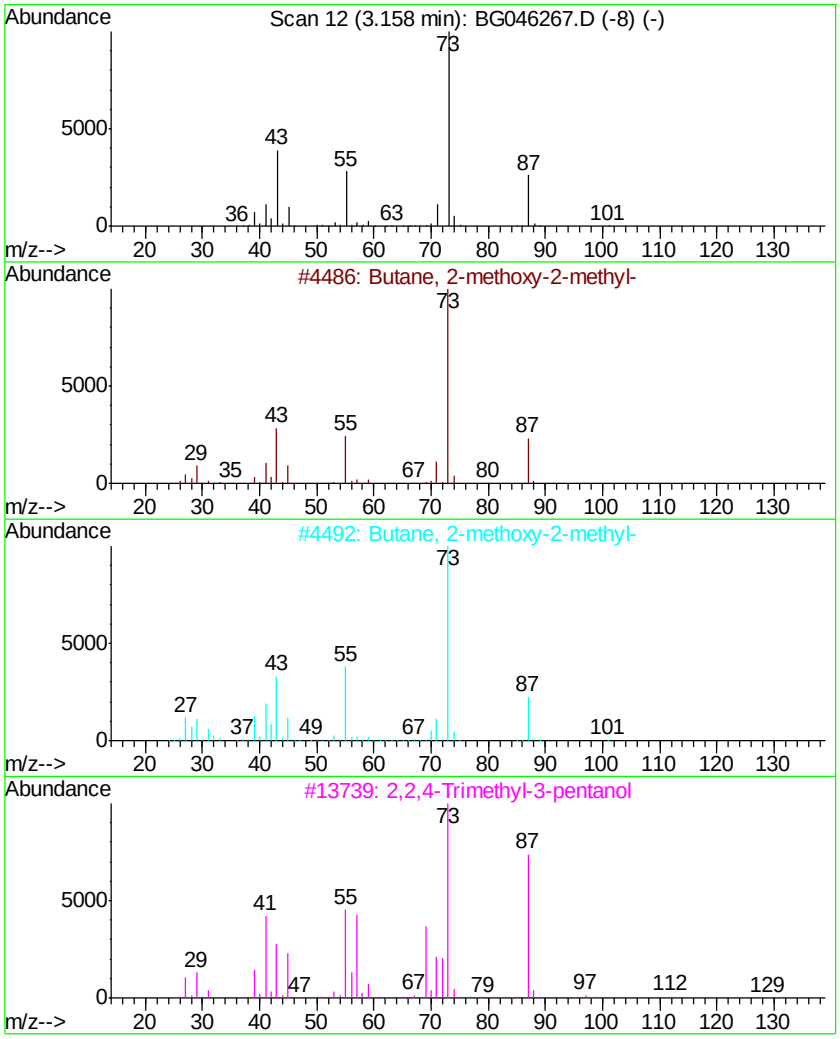
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

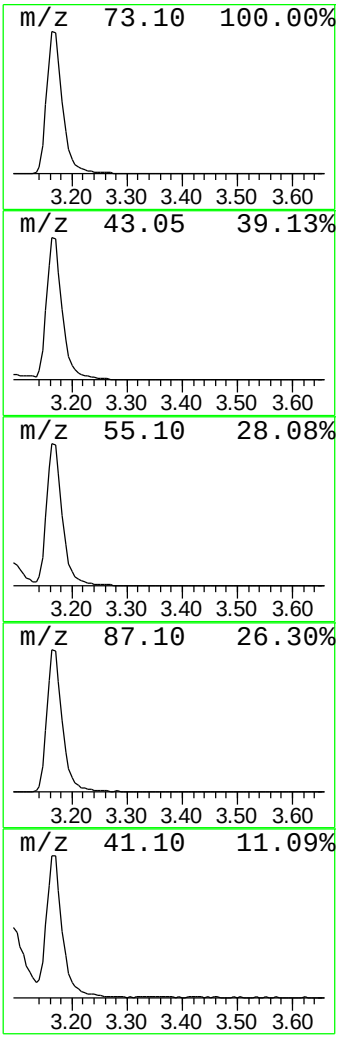
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.16	94.87 ng/ul	3124930	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	59
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
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 : BG046267.D
Acq On : 14 Aug 2020 3:46
Operator : CG/JU
Sample : L3629-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM58

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

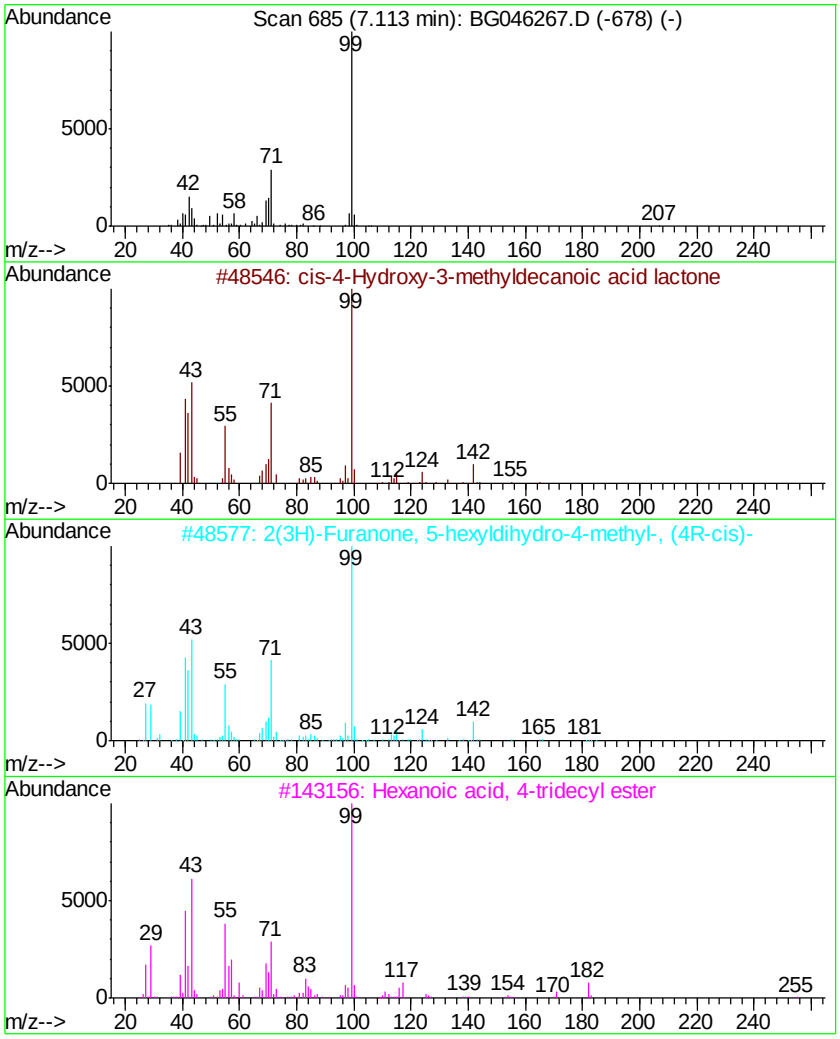
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

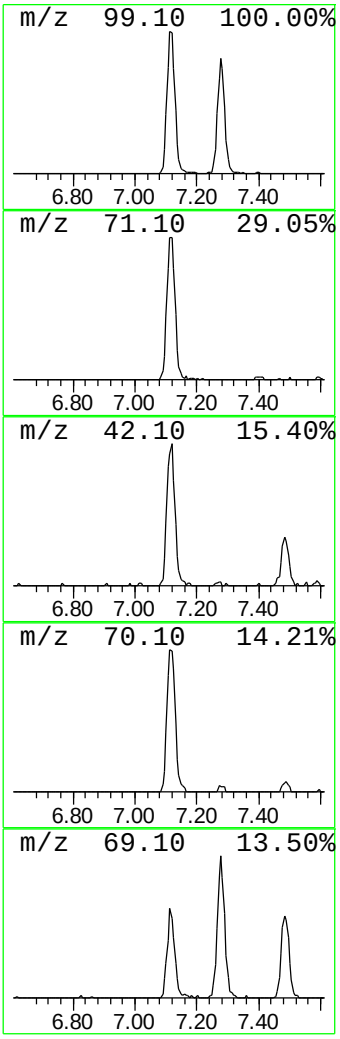
****

Peak Number 2 cis-4-Hydroxy-3-methyldecan... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.11	9.11 ng/ul	300128	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-4-Hydroxy-3-methyldecanoic a...	184	C11H20O2	147254-32-8	64
2	2(3H)-Furanone, 5-hexyldihydro-4...	184	C11H20O2	121644-12-0	64
3	Hexanoic acid, 4-tridecyl ester	298	C19H38O2	1000279-29-3	64
4	Hexanoic acid, 3-tridecyl ester	298	C19H38O2	1000279-29-2	56
5	2(3H)-Furanone, 5-hexyldihydro-4...	184	C11H20O2	147254-33-9	56





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046267.D
Acq On : 14 Aug 2020 3:46
Operator : CG/JU
Sample : L3629-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM58

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

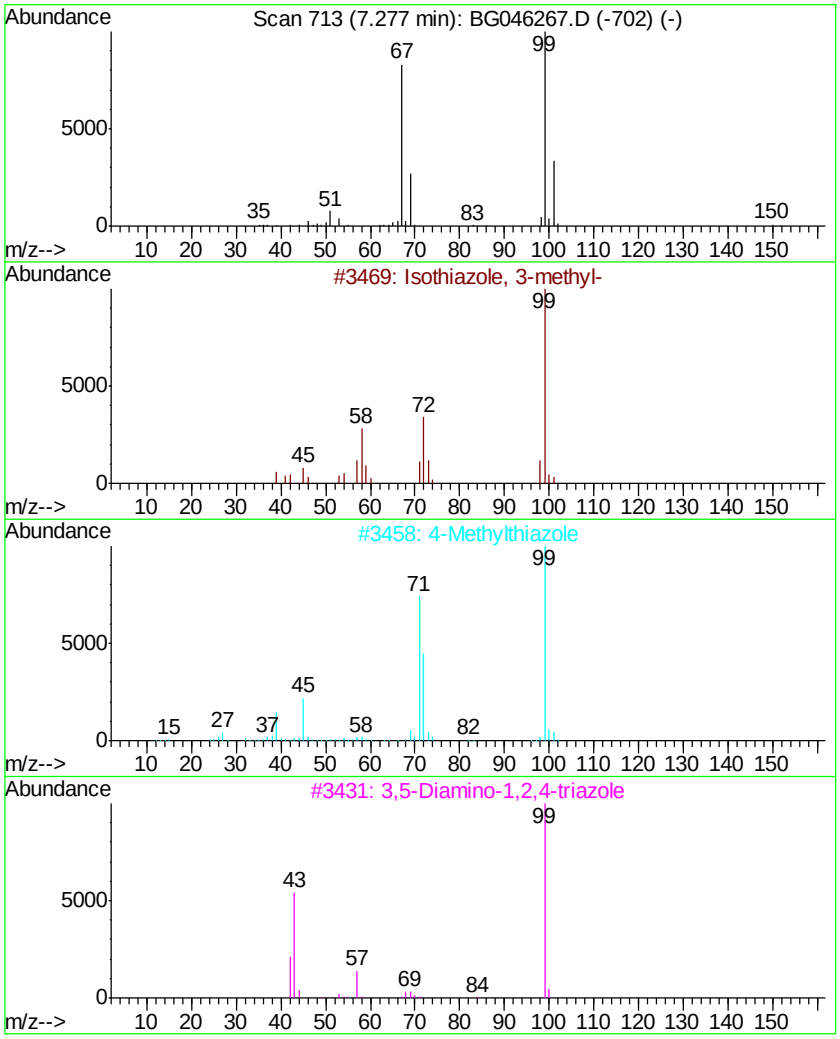
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

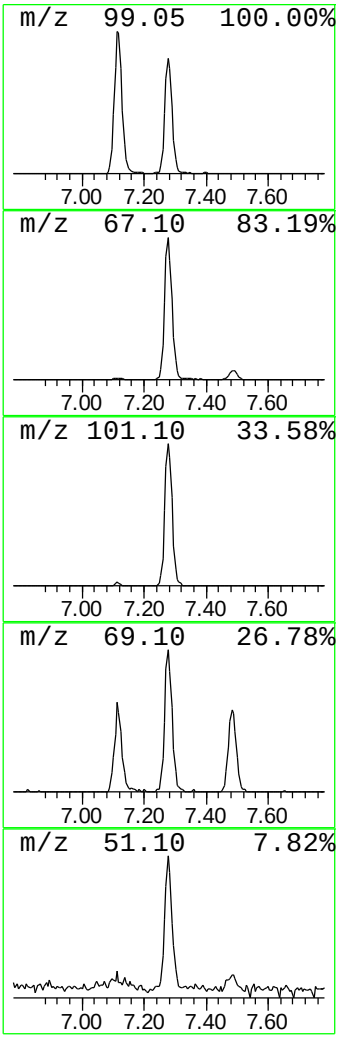
****

Peak Number 3 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.28	7.10 ng/ul	233887	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isothiazole, 3-methyl-	99	C4H5NS	000693-92-5	9
2	4-Methylthiazole	99	C4H5NS	000693-95-8	9
3	3,5-Diamino-1,2,4-triazole	99	C2H5N5	001455-77-2	9
4	1-Pentanamine, 5-(methylthio)-	133	C6H15NS	055021-78-8	7
5	Succinimide	99	C4H5NO2	000123-56-8	5





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046267.D
Acq On : 14 Aug 2020 3:46
Operator : CG/JU
Sample : L3629-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM58

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

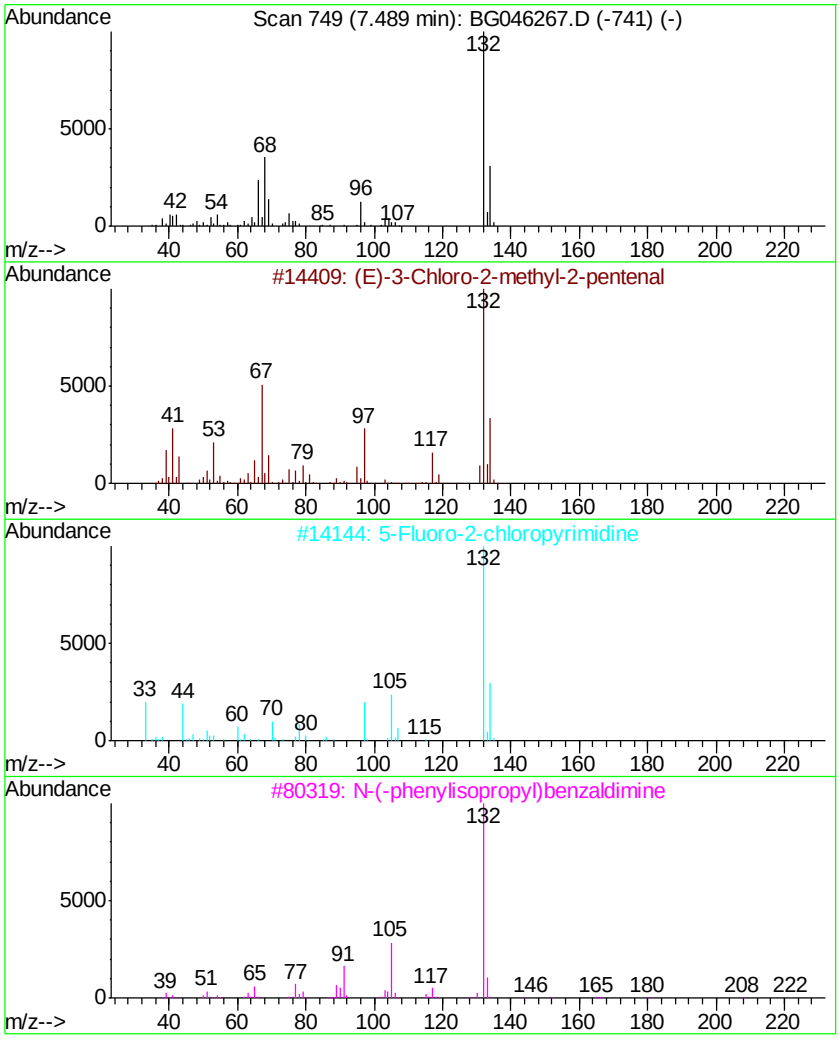
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

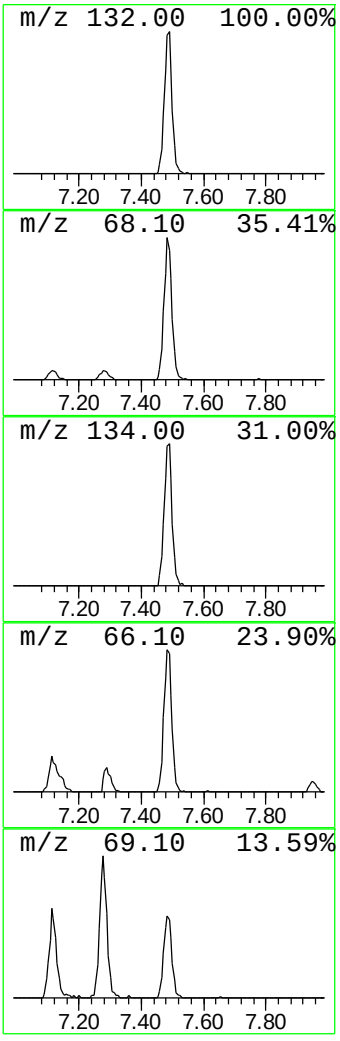
****

Peak Number 4 unknown-02 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.49	9.27 ng/ul	305333	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	N-(-phenylisopropyl)benzaldimine	223	C16H17N	1000379-01-3	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046267.D
Acq On : 14 Aug 2020 3:46
Operator : CG/JU
Sample : L3629-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM58

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

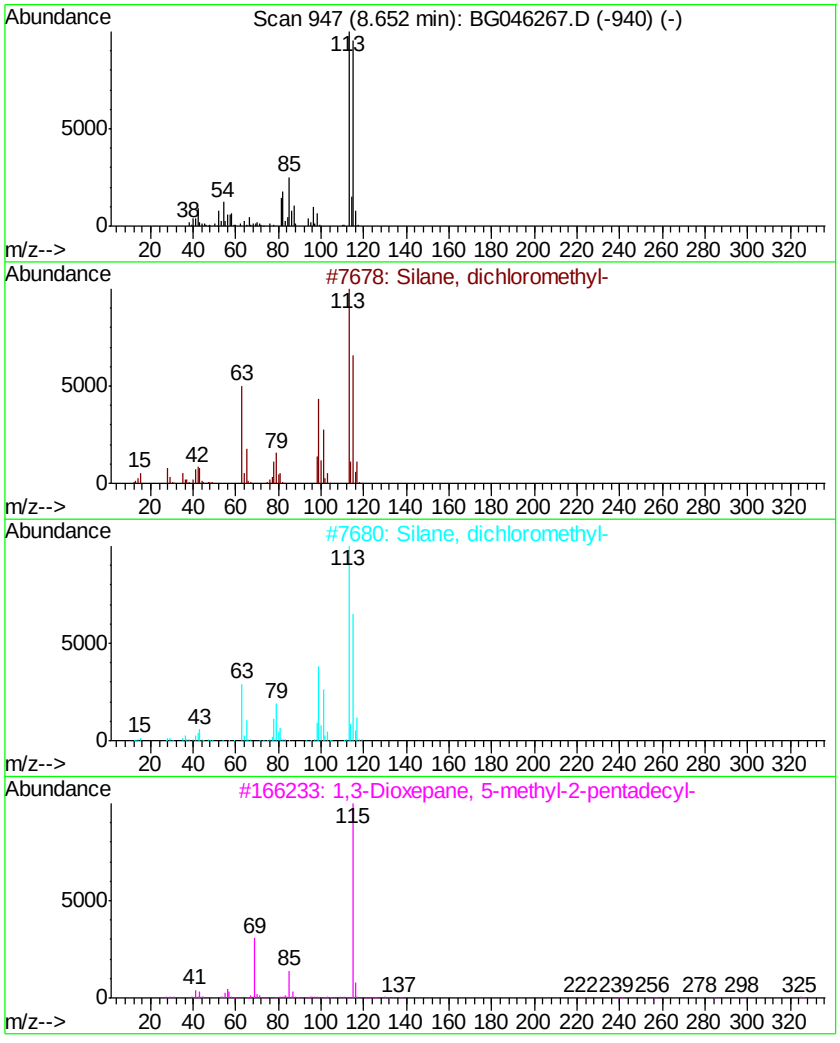
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

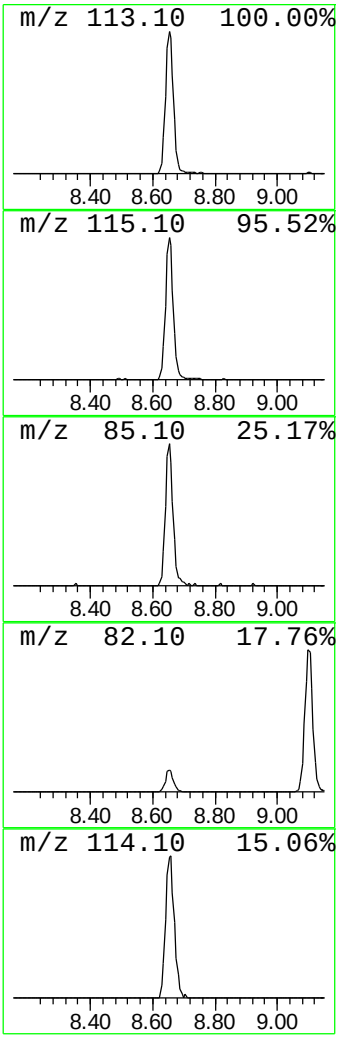
****

Peak Number 5 Silane, dichloromethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	10.61 ng/ul	349512	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, dichloromethyl-	114	CH4Cl2Si	000075-54-7	59
2	Silane, dichloromethyl-	114	CH4Cl2Si	000075-54-7	38
3	1,3-Dioxepane, 5-methyl-2-pentad...	326	C21H42O2	056599-34-9	27
4	Butanedioyl dihydrazide	146	C4H10N4O2	004146-43-4	25
5	Heptanoic acid, anhydride	242	C14H26O3	000626-27-7	25





Library Search Compound Report

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Acq On : 14 Aug 2020 3:46
Operator : CG/JU
Sample : L3629-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM58

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Quant Title : SVOA CALIBRATION

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

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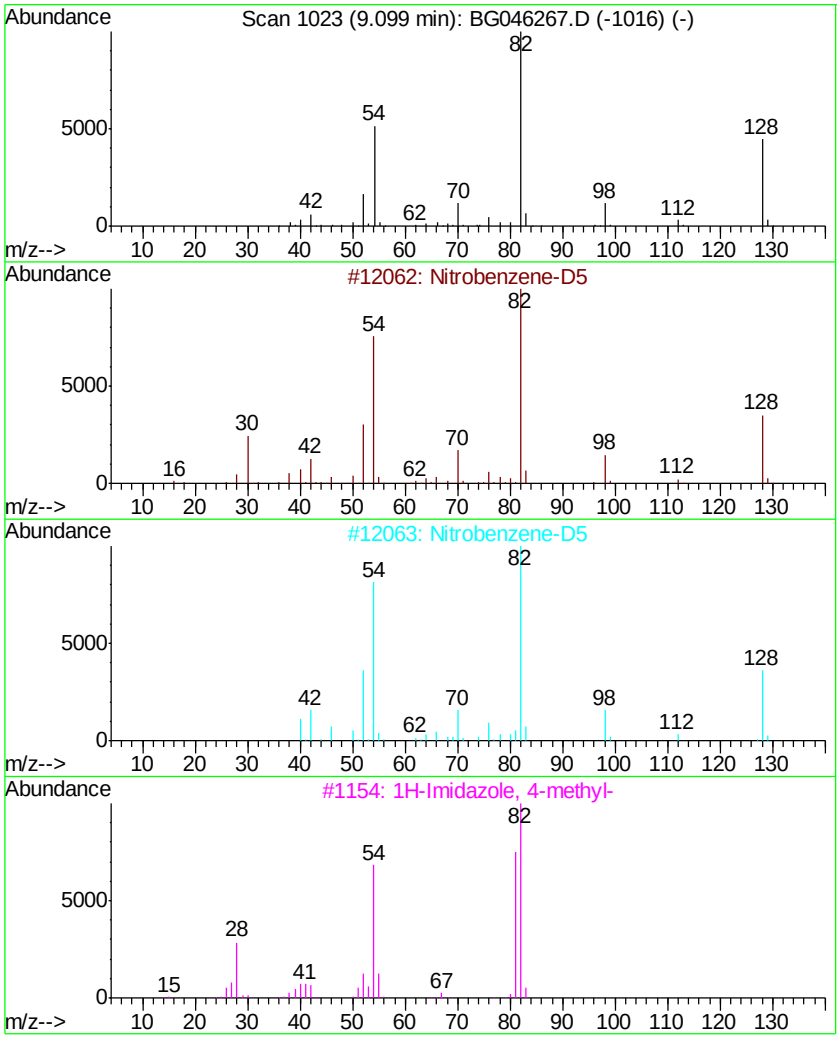
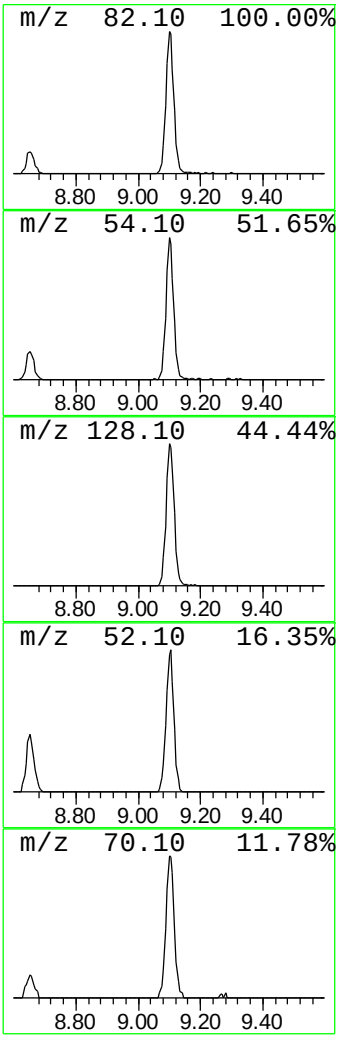
Peak Number 6 unknown-03 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.10	8.66 ng/ul	285131	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nitrobenzene-D5	128	C6D5NO2	004165-60-0	78
2	Nitrobenzene-D5	128	C6D5NO2	004165-60-0	47
3	1H-Imidazole, 4-methyl-	82	C4H6N2	000822-36-6	40
4	1H-Imidazole, 2-methyl-	82	C4H6N2	000693-98-1	33
5	Butyramide, 2-cyano-2-ethyl-	140	C7H12N2O	018705-38-9	12





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Misc :
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Instrument : BNA_G
ClientSampleId : BFM58

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Quant Title : SVOA CALIBRATION

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

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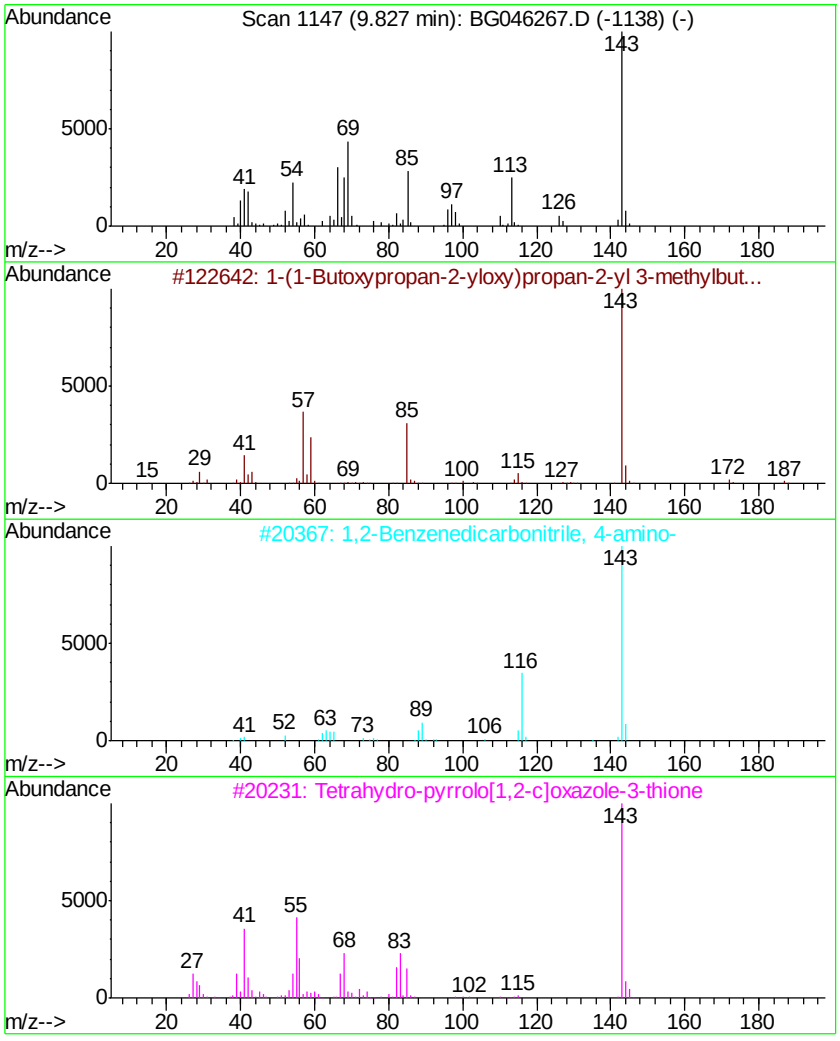
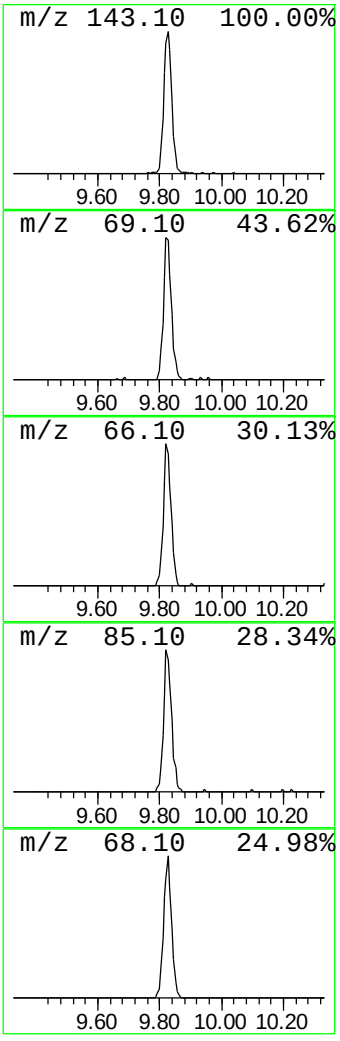
Peak Number 7 unknown-04 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.83	4.99 ng/ul	236714	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	27
2	1,2-Benzenedicarbonitrile, 4-amino-	143	C8H5N3	056765-79-8	18
3	Tetrahydro-pyrrolo[1,2-c]oxazole...	143	C6H9NOS	1000190-53-6	17
4	1-(1-Butoxypropan-2-yloxy)propan...	274	C15H30O4	1000367-13-0	16
5	4(1H)-Pyrimidinone, 6-amino-2,3-...	143	C4H5N3OS	001004-40-6	16





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Instrument : BNA_G
ClientSampleId : BFM58

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Quant Title : SVOA CALIBRATION

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

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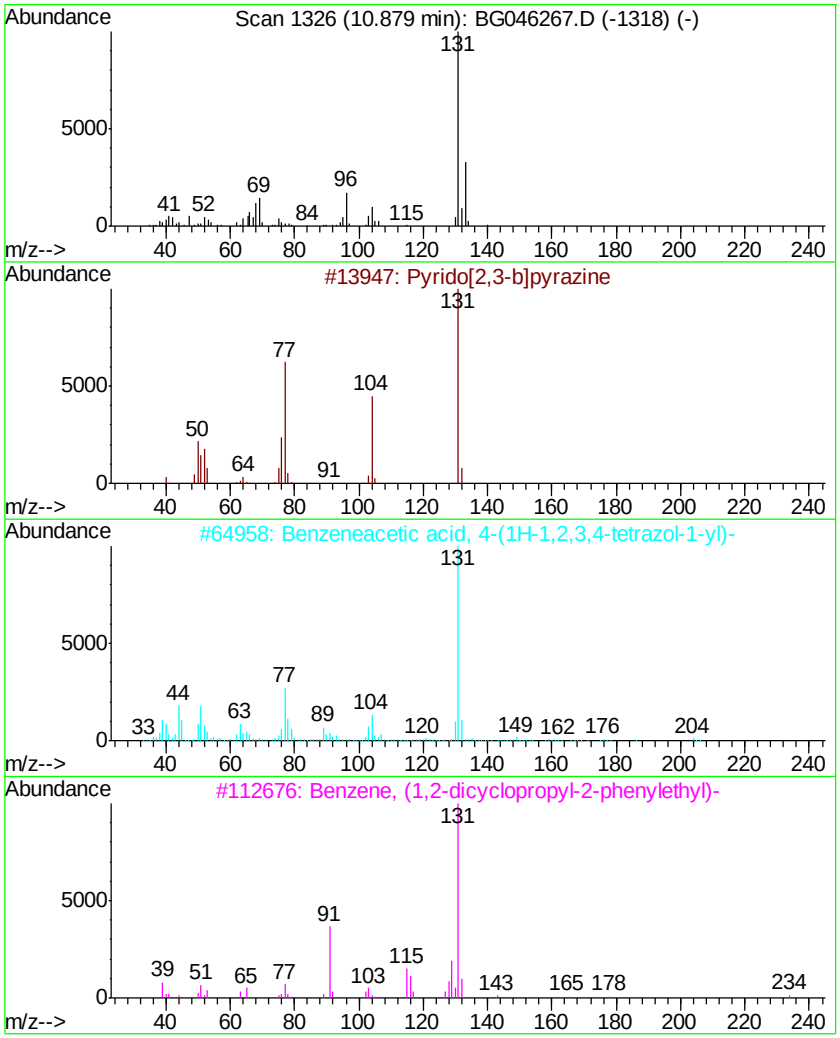
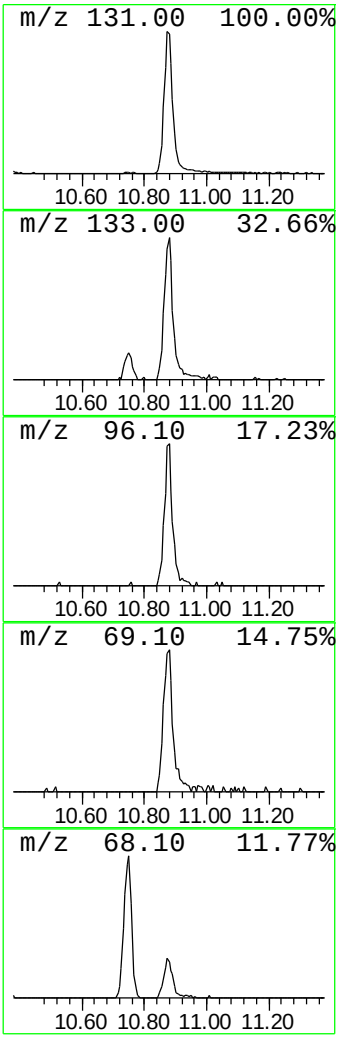
Peak Number 8 unknown-05 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.88	4.75 ng/ul	225558	Naphthalene-d8	10.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrido[2,3-b]pyrazine	131	C7H5N3	000322-46-3	38
2	Benzeneacetic acid, 4-(1H-1,2,3,...	204	C9H8N4O2	1000351-56-5	33
3	Benzene, (1,2-dicyclopropyl-2-ph...	262	C20H22	110330-90-0	33
4	4-Pyrimidinamine, 2,6-difluoro-	131	C4H3F2N3	000675-12-7	9
5	4-Pentenoic acid, 2,2-diethyl-3-...	274	C17H22O3	337503-48-7	9





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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM58

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Quant Title : SVOA CALIBRATION

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

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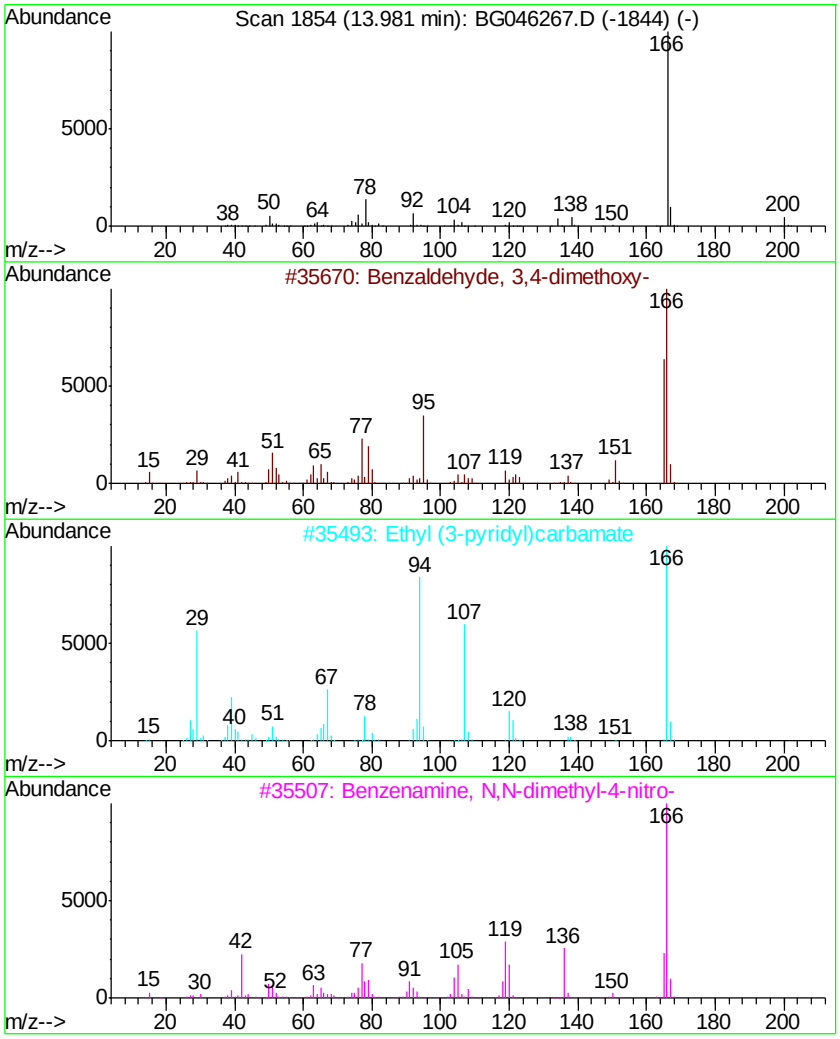
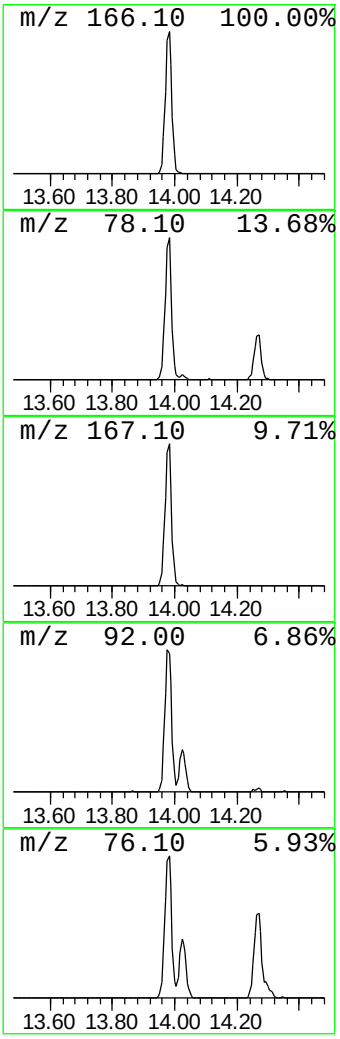
Peak Number 9 unknown-06 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.98	9.20 ng/ul	606517	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	1H-Benzimidazole-2-ethanamine, 5...	195	C9H10ClN3	135875-16-0	38
5	Phenol, 3-methoxy-2,4,6-trimethyl-	166	C10H14O2	034883-05-1	9





Library Search Compound Report

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Operator : CG/JU
Sample : L3629-11
Misc :
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Instrument : BNA_G
ClientSampleId : BFM58

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Quant Title : SVOA CALIBRATION

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

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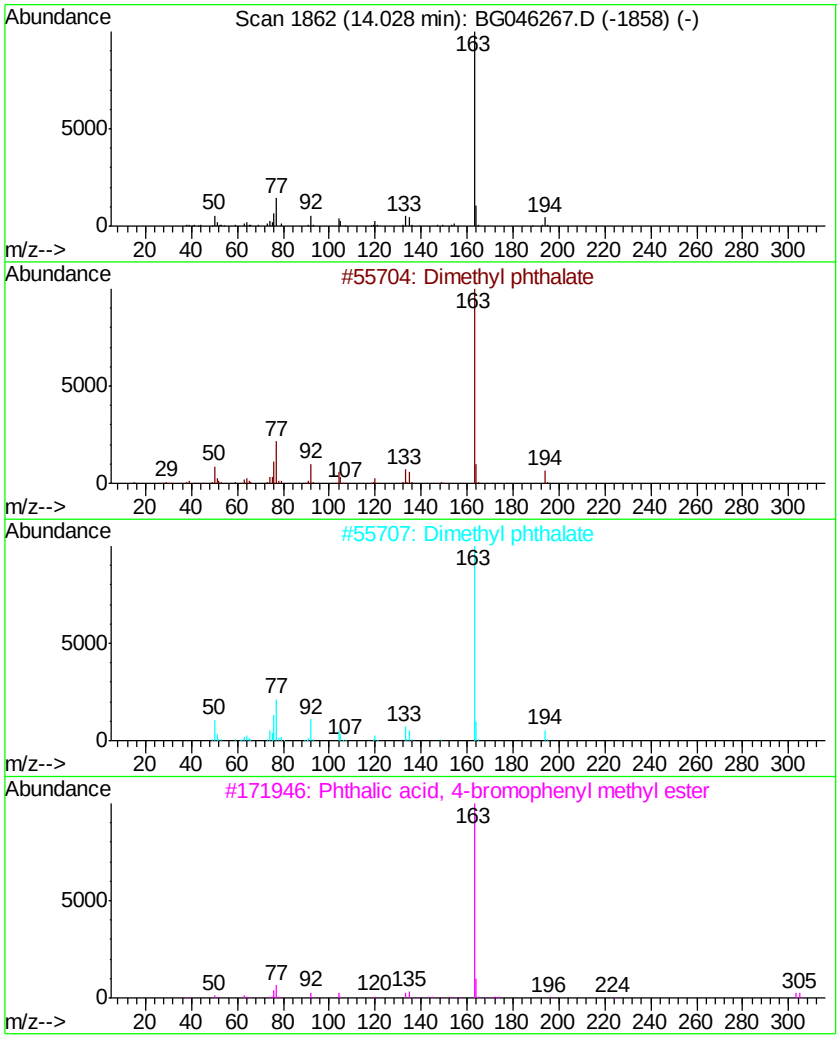
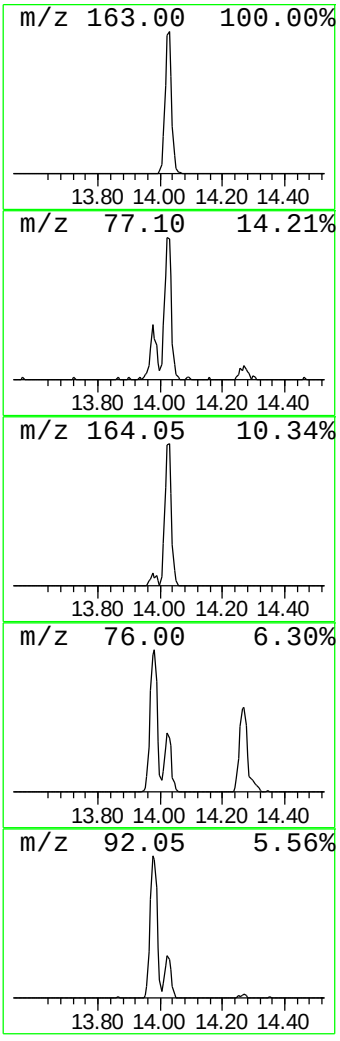
Peak Number 10 Dimethyl phthalate Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.03	2.87 ng/ul	189152	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl phthalate	194	C10H10O4	000131-11-3	92
2	Dimethyl phthalate	194	C10H10O4	000131-11-3	91
3	Phthalic acid, 4-bromophenyl met...	334	C15H11BrO4	1000315-66-6	83
4	2-Ethylbutyl methyl phthalate	264	C15H20O4	1000373-89-6	83
5	Benzoic acid, 2-(1-oxopropyl)-, ...	192	C11H12O3	032025-37-9	83





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Acq On : 14 Aug 2020 3:46
Operator : CG/JU
Sample : L3629-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM58

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Quant Title : SVOA CALIBRATION

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

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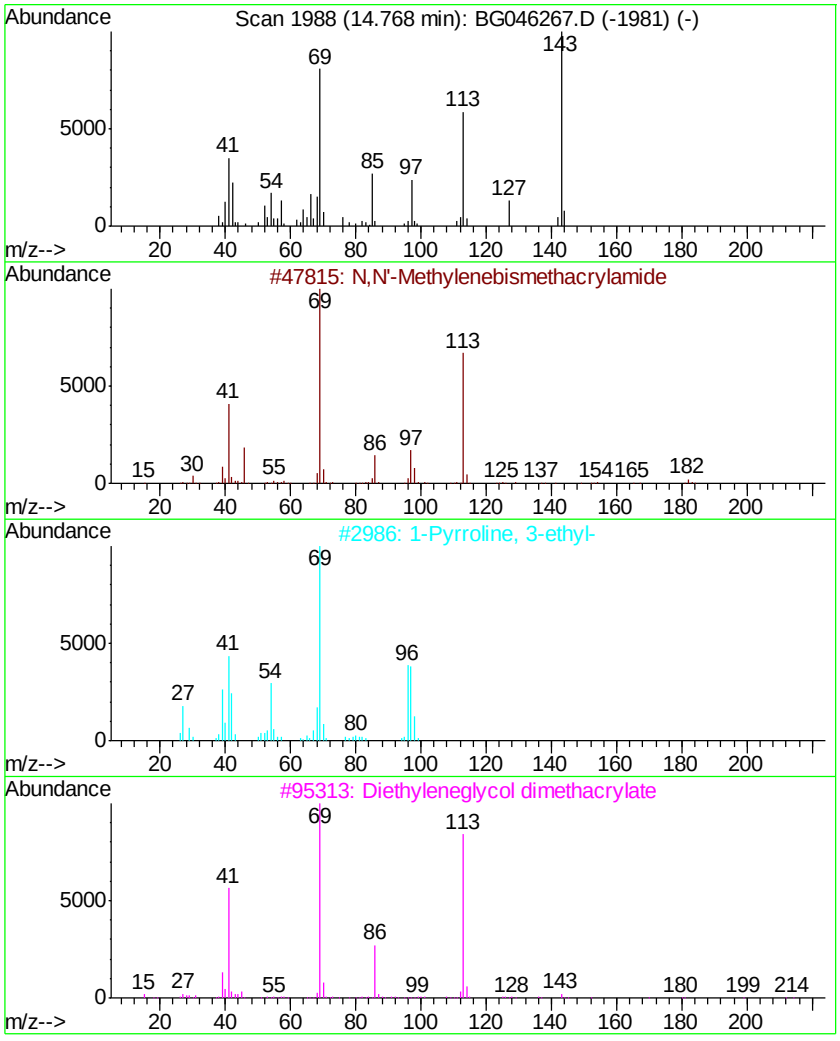
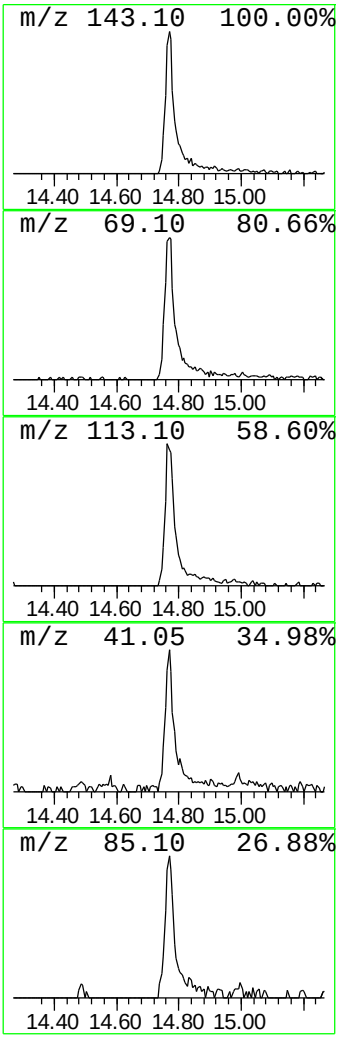
Peak Number 11 unknown-07 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	2.58 ng/ul	170239	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N,N'-Methylenebismethacrylamide	182	C9H14N2O2	002359-15-1	25
2	1-Pyrroline, 3-ethyl-	97	C6H11N	1000073-06-0	25
3	Diethyleneglycol dimethacrylate	242	C12H18O5	002358-84-1	25
4	Cyclopropanecarboxylic acid, sil...	192	C4H5AgO2	075112-77-5	22
5	Glutaric acid, ethyl 4-methylhep...	272	C15H28O4	1000377-14-9	22





Library Search Compound Report

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Operator : CG/JU
Sample : L3629-11
Misc :
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Instrument : BNA_G
ClientSampleId : BFM58

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Quant Title : SVOA CALIBRATION

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

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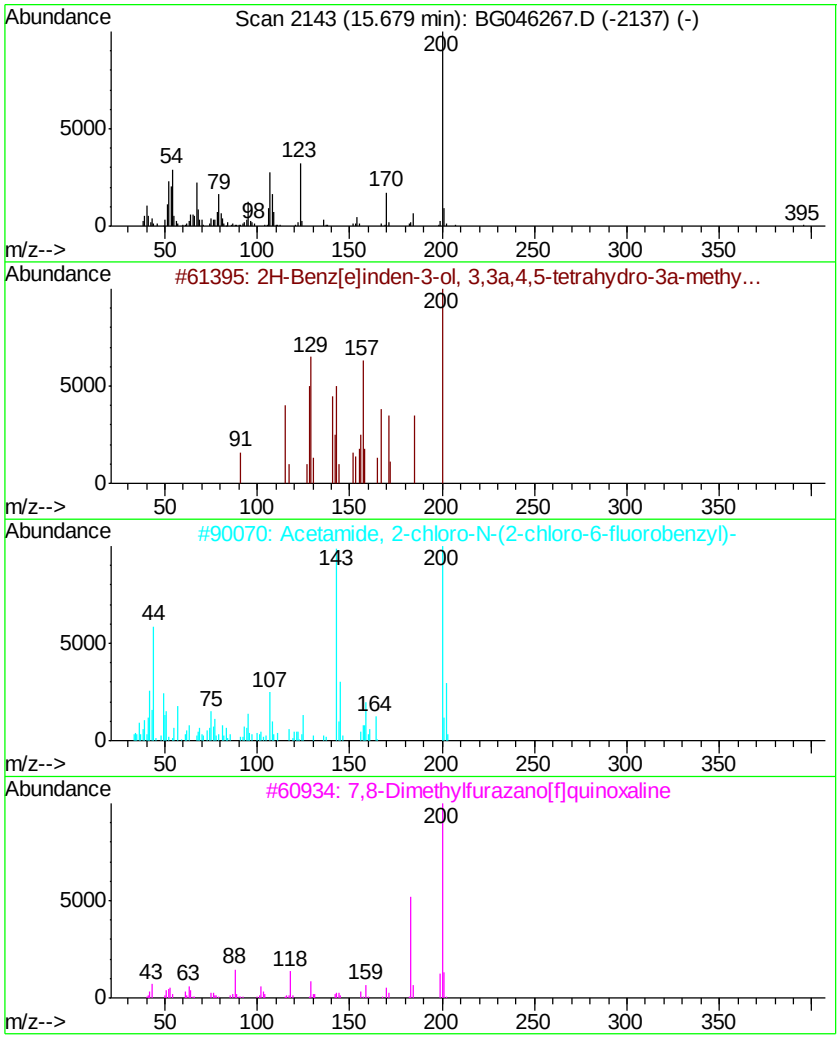
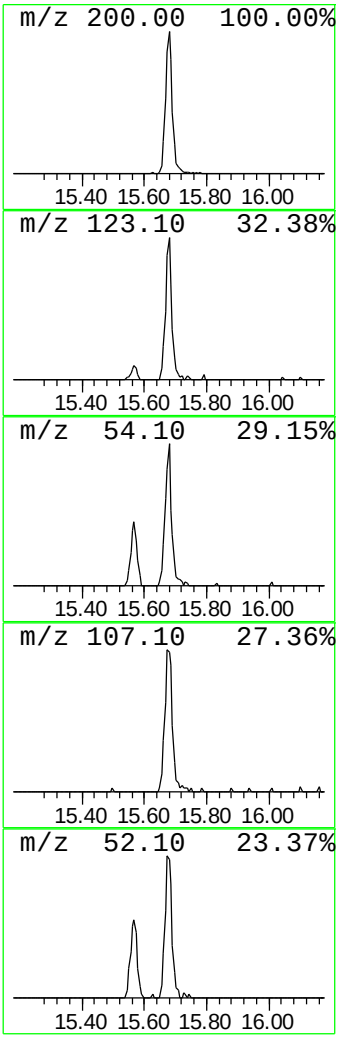
Peak Number 12 unknown-08 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	3.14 ng/ul	206821	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	35
2	Acetamide, 2-chloro-N-(2-chloro-...	235	C9H8Cl2FNO	1000268-05-5	32
3	7,8-Dimethylfurazano[f]quinoxaline	200	C10H8N4O	1000110-74-6	27
4	1-Hydroxy-4-methyl-2-oxo-1,2-dih...	200	C11H8N2O2	021771-74-4	22
5	l-Leucine, N-neopentyloxycarbony...	497	C30H59NO4	1000328-03-4	22





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Instrument : BNA_G
ClientSampleId : BFM58

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Quant Title : SVOA CALIBRATION

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

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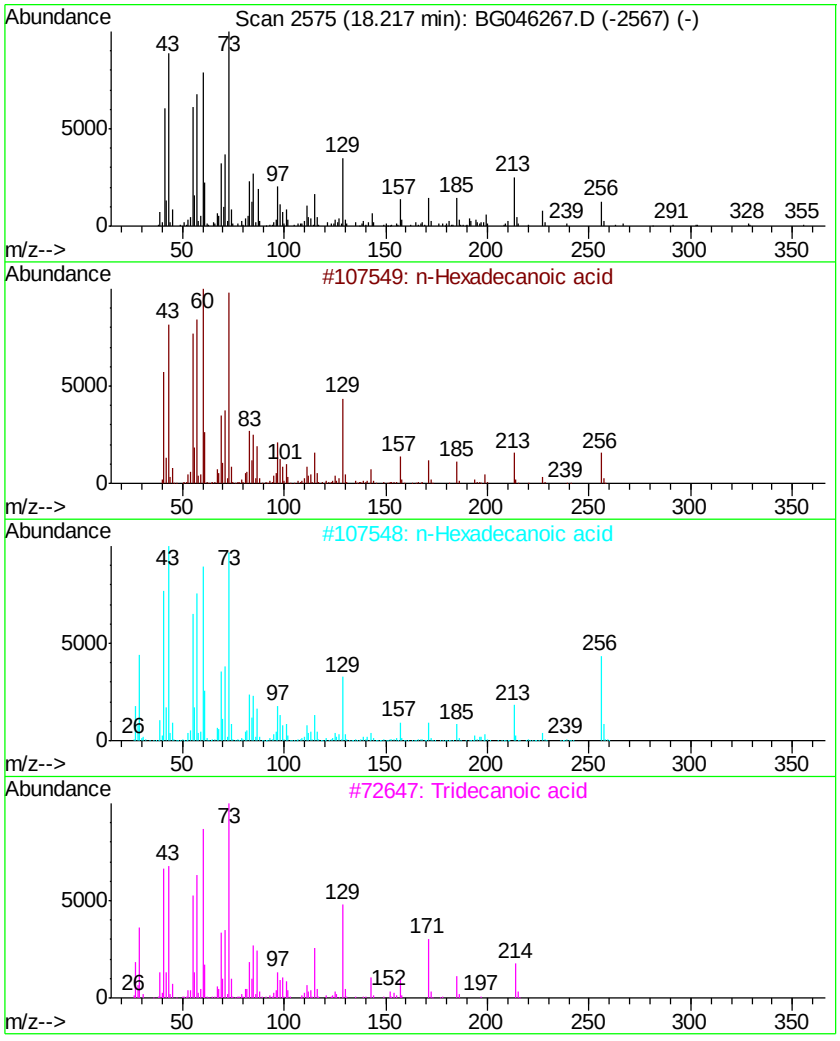
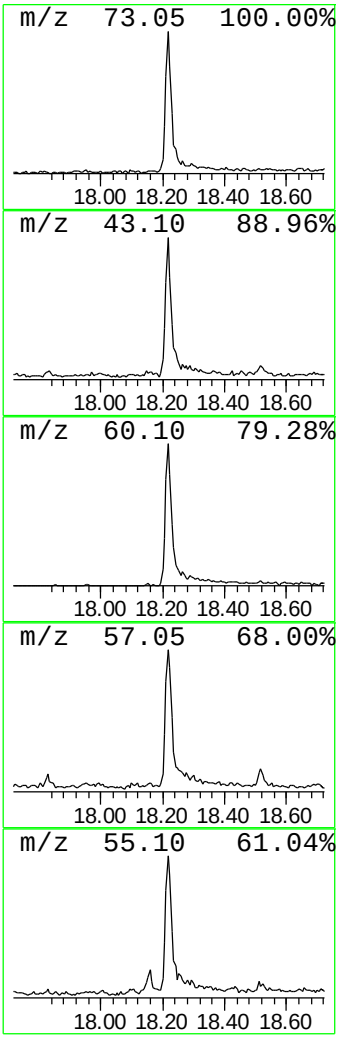
Peak Number 13 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.22	5.40 ng/ul	428938	Phenanthrene-d10	17.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	Tridecanoic acid	214	C13H26O2	000638-53-9	95
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
5	Tridecanoic acid	214	C13H26O2	000638-53-9	93





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Instrument : BNA_G
ClientSampleId : BFM58

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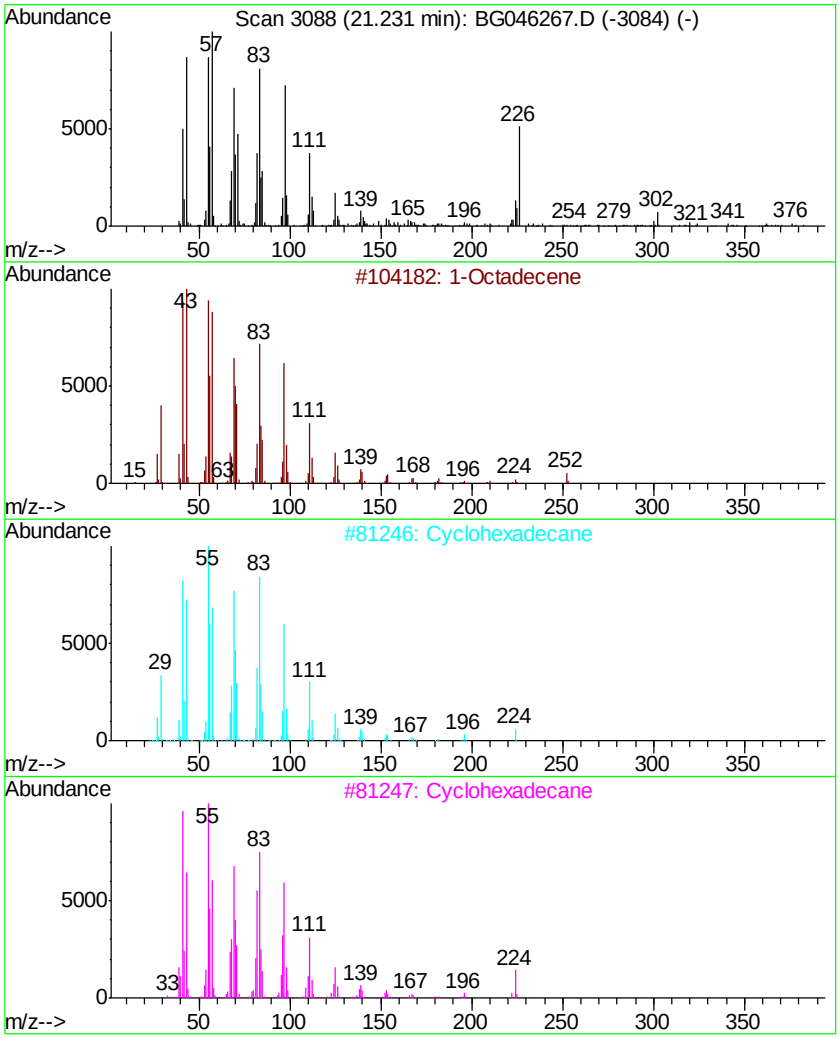
Quant Title : SVOA CALIBRATION

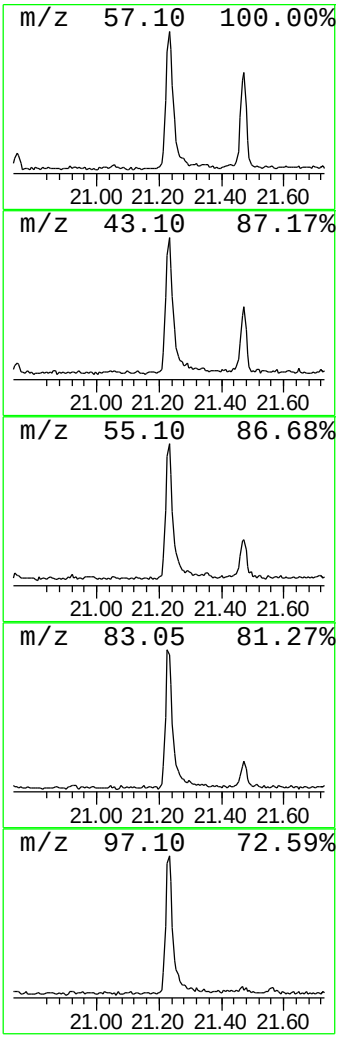
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.23	4.58 ng/ul	524911	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	96
2	Cyclohexadecane	224	C16H32	000295-65-8	95
3	Cyclohexadecane	224	C16H32	000295-65-8	93
4	1-Heneicosanol	312	C21H44O	015594-90-8	93
5	Behenic alcohol	326	C22H46O	000661-19-8	93





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Sample : L3629-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM58

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Quant Title : SVOA CALIBRATION

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

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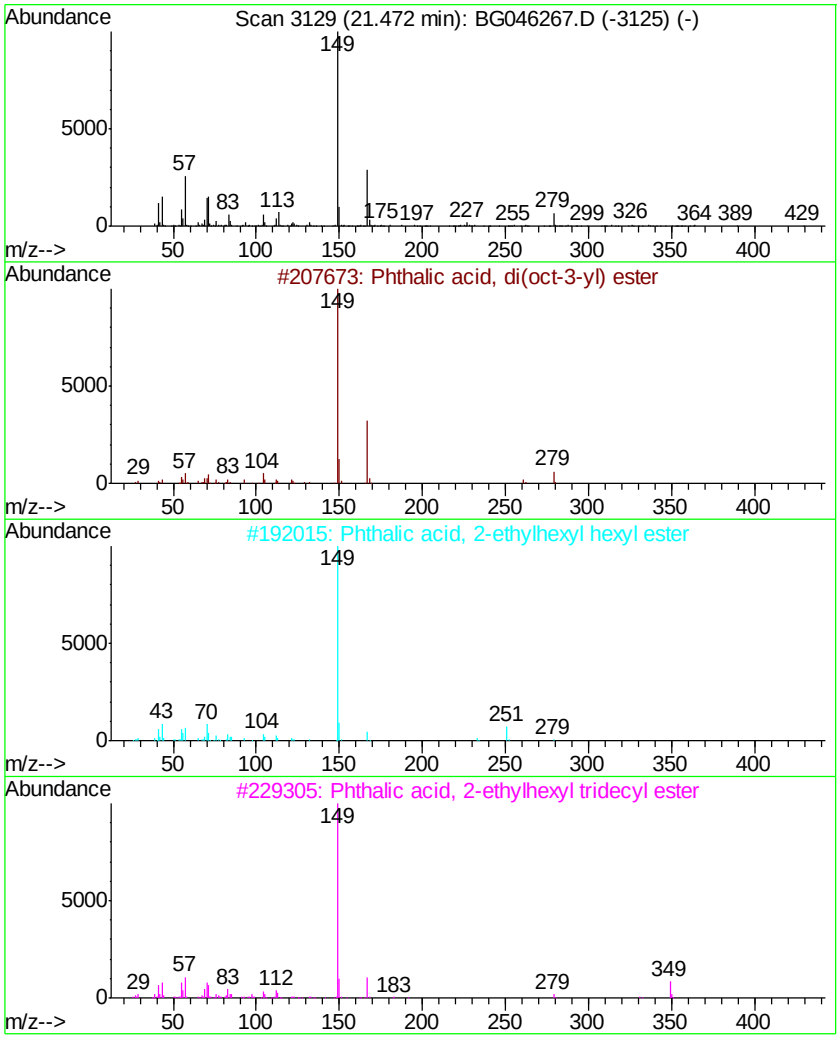
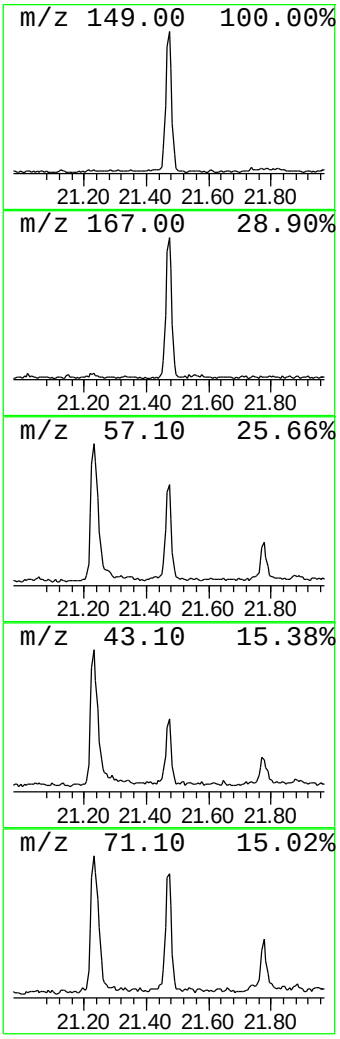
Peak Number 15 Phthalic acid, di(oct-3-yl)... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.47	2.56 ng/ul	293379	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, di(oct-3-yl) ester	390	C24H38O4	1000377-72-3	72
2	Phthalic acid, 2-ethylhexyl hexy...	362	C22H34O4	1000309-02-5	72
3	Phthalic acid, 2-ethylhexyl trid...	460	C29H48O4	1000308-99-0	59
4	Phthalic acid, di(hept-2-yl) ester	362	C22H34O4	1000356-98-3	59
5	Phthalic acid, isobutyl 4-methyl...	334	C20H30O4	1000377-93-8	59





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Quant Title : SVOA CALIBRATION

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

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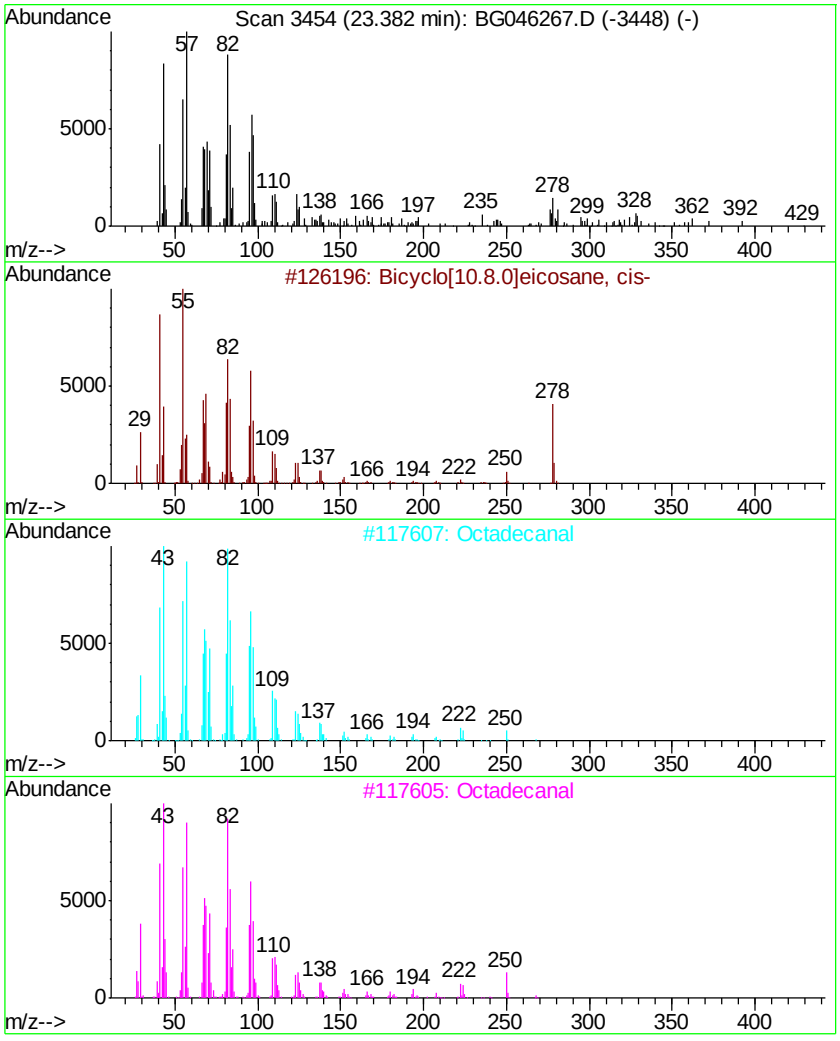
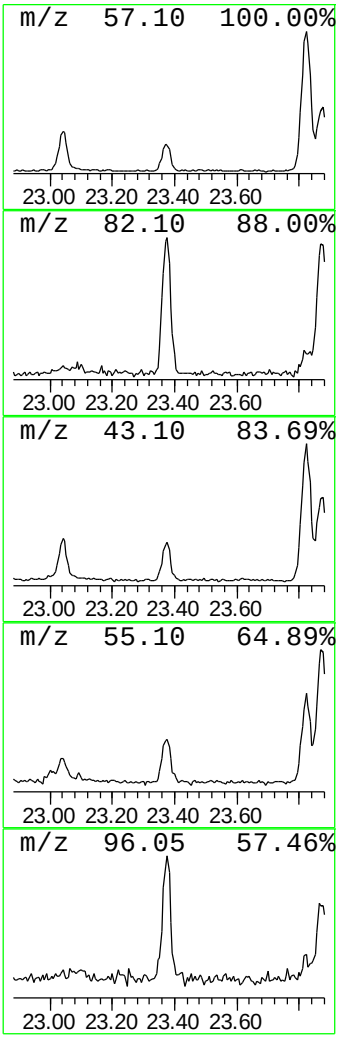
Peak Number 16 Bicyclo[10.8.0]eicosane, cis- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.38	2.57 ng/ul	223799	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[10.8.0]eicosane, cis-	278	C20H38	1000155-82-2	93
2	Octadecanal	268	C18H36O	000638-66-4	90
3	Octadecanal	268	C18H36O	000638-66-4	87
4	17-Octadecenal	266	C18H34O	056554-86-0	86
5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	83





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Acq On : 14 Aug 2020 3:46
Operator : CG/JU
Sample : L3629-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM58

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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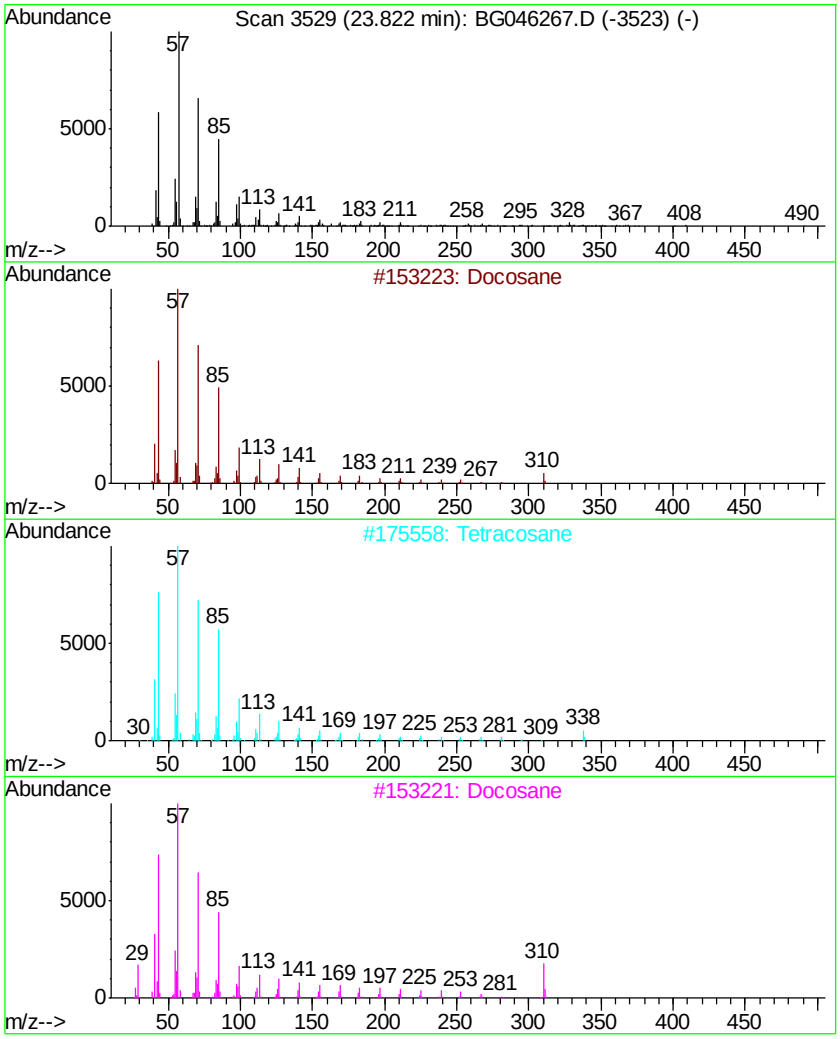
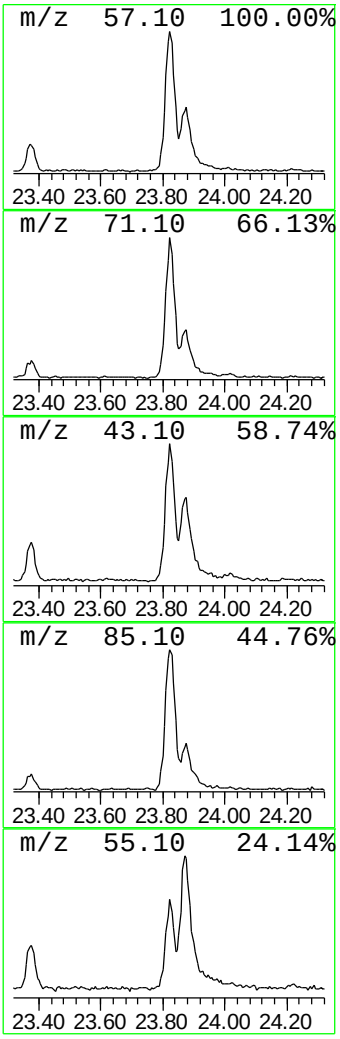
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.82	5.94 ng/ul	517788	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	97
2	Tetracosane	338	C24H50	000646-31-1	95
3	Docosane	310	C22H46	000629-97-0	94
4	Nonacosane	408	C29H60	000630-03-5	93
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	92





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046267.D
Acq On : 14 Aug 2020 3:46
Operator : CG/JU
Sample : L3629-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM58

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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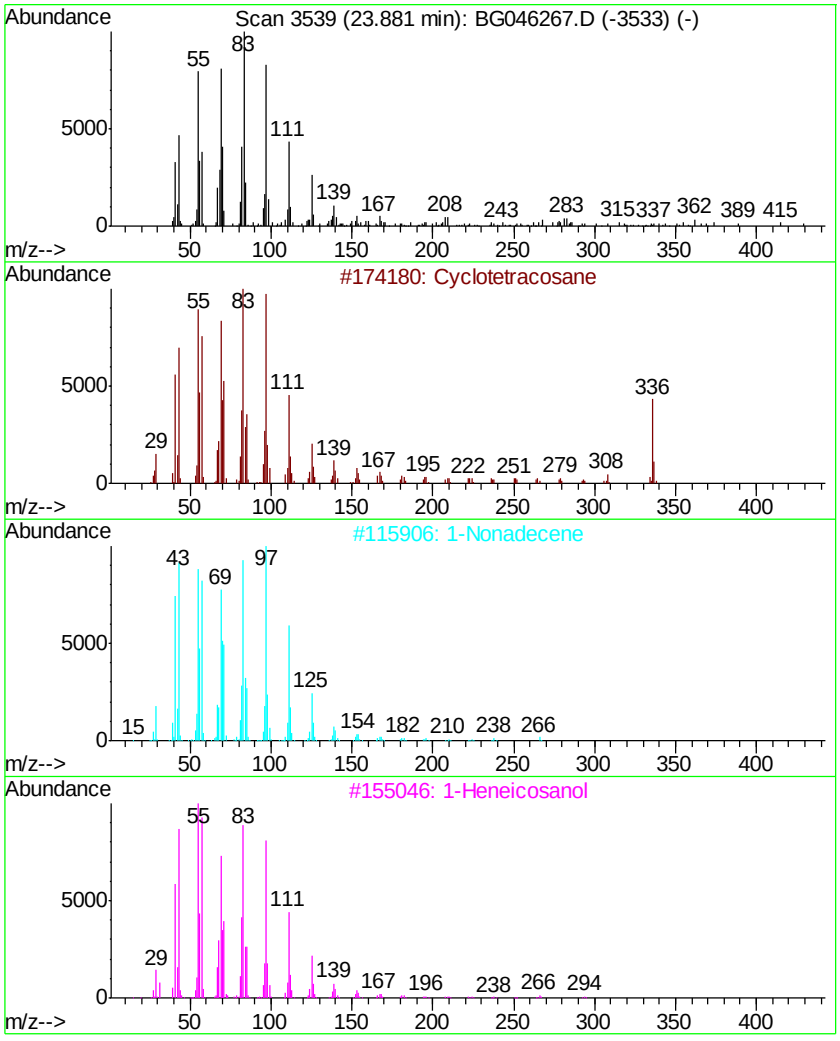
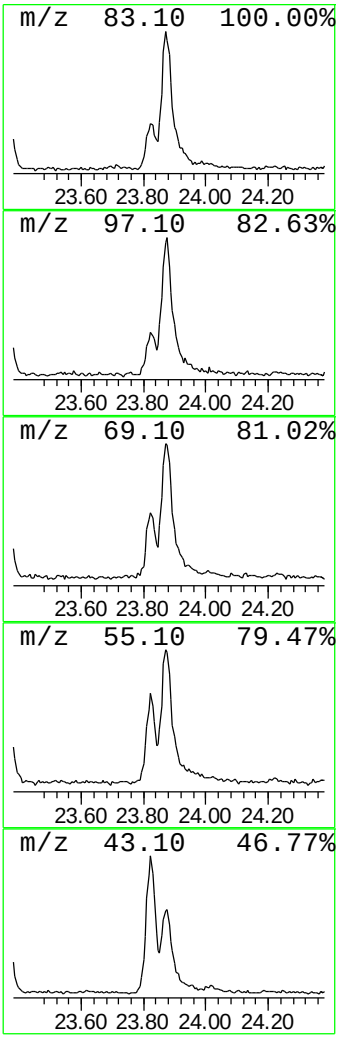
Peak Number 18 (DEL) Alkane: Cyclic23.88 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.88	4.97 ng/ul	432972	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	93
2	1-Nonadecene	266	C19H38	018435-45-5	93
3	1-Heneicosanol	312	C21H44O	015594-90-8	91
4	Behenic alcohol	326	C22H46O	000661-19-8	91
5	Z-5-Nonadecene	266	C19H38	1000131-11-8	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046267.D
Acq On : 14 Aug 2020 3:46
Operator : CG/JU
Sample : L3629-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM58

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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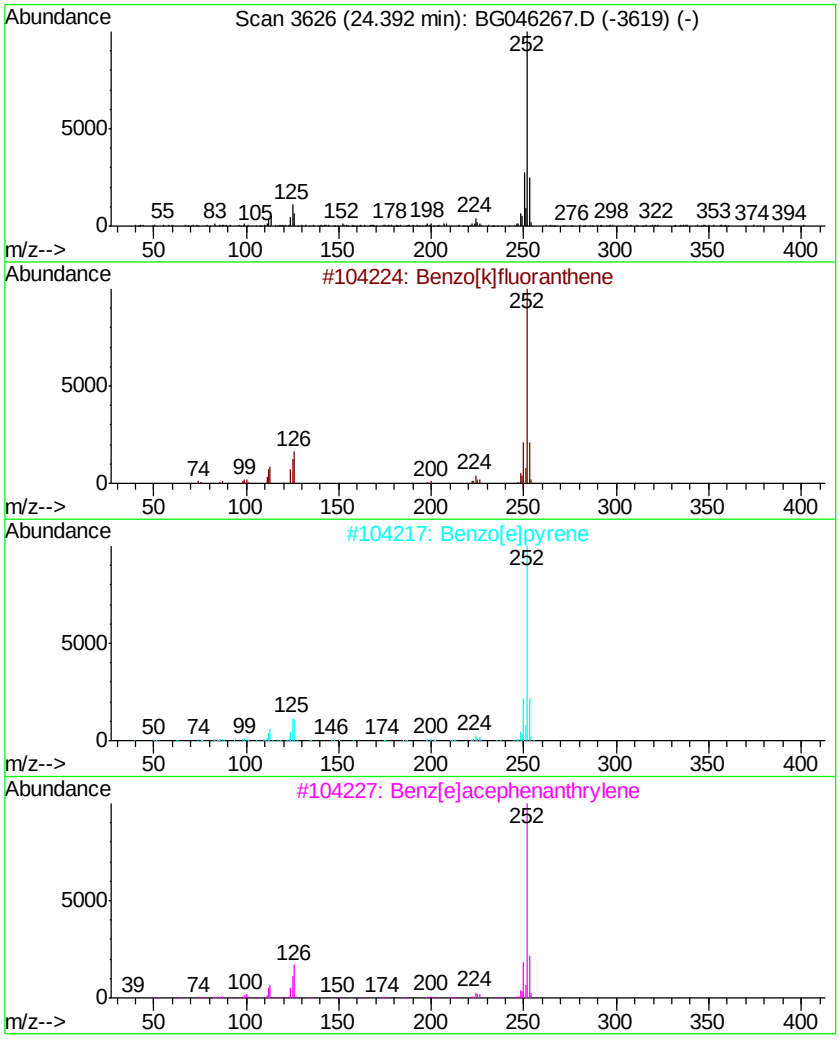
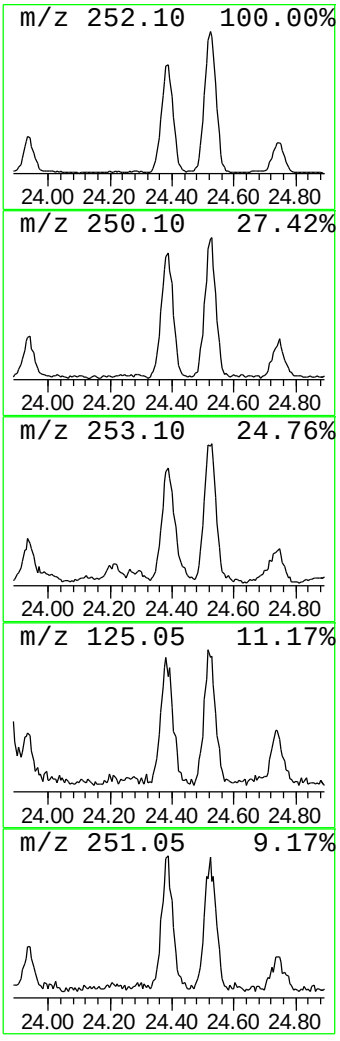
Peak Number 19 Benzo[e]pyrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.39	2.77 ng/ul	241178	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
2	Benzo[e]pyrene	252	C20H12	000192-97-2	95
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046267.D
Acq On : 14 Aug 2020 3:46
Operator : CG/JU
Sample : L3629-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM58

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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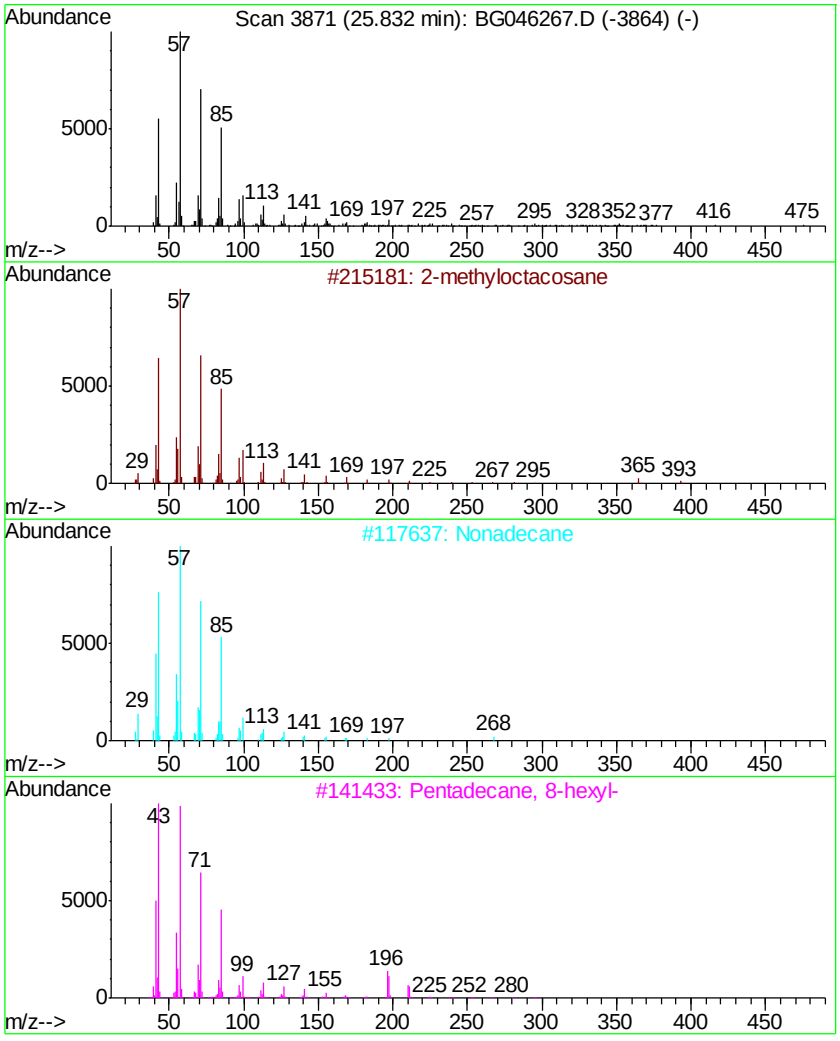
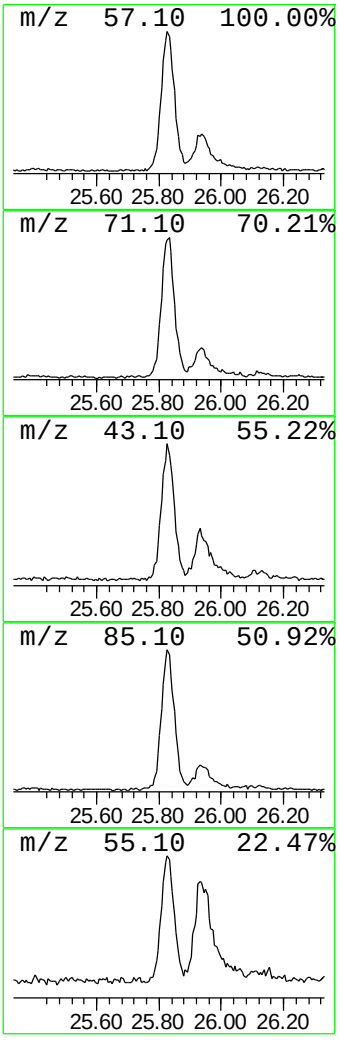
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.83	5.93 ng/ul	516586	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	90
2	Nonadecane	268	C19H40	000629-92-5	90
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
5	Octacosane	394	C28H58	000630-02-4	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081320\
Data File : BG046267.D
Acq On : 14 Aug 2020 3:46
Operator : CG/JU
Sample : L3629-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM58

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	94.9	ng/ul	3124930	1	7.95	658790	20.0
cis-4-Hydroxy-3-m...	7.11	9.1	ng/ul	300128	1	7.95	658790	20.0
unknown-01	7.28	7.1	ng/ul	233887	1	7.95	658790	20.0
unknown-02	7.49	9.3	ng/ul	305333	1	7.95	658790	20.0
Silane, dichlorom...	8.65	10.6	ng/ul	349512	1	7.95	658790	20.0
unknown-03	9.10	8.7	ng/ul	285131	1	7.95	658790	20.0
unknown-04	9.83	5.0	ng/ul	236714	2	10.75	948918	20.0
unknown-05	10.88	4.8	ng/ul	225558	2	10.75	948918	20.0
unknown-06	13.98	9.2	ng/ul	606517	3	14.57	1319040	20.0
Dimethyl phthalate	14.03	2.9	ng/ul	189152	3	14.57	1319040	20.0
unknown-07	14.77	2.6	ng/ul	170239	3	14.57	1319040	20.0
unknown-08	15.68	3.1	ng/ul	206821	3	14.57	1319040	20.0
n-Hexadecanoic acid	18.22	5.4	ng/ul	428938	4	17.32	1589970	20.0
(DEL) Alkane: Str...	21.23	4.6	ng/ul	524911	5	21.56	2291430	20.0
Phthalic acid, di...	21.47	2.6	ng/ul	293379	5	21.56	2291430	20.0
Bicyclo[10.8.0]ei...	23.38	2.6	ng/ul	223799	6	24.67	1742780	20.0
(DEL) Alkane: Str...	23.82	5.9	ng/ul	517788	6	24.67	1742780	20.0
(DEL) Alkane: Cyc...	23.88	5.0	ng/ul	432972	6	24.67	1742780	20.0
Benzo[e]pyrene	24.39	2.8	ng/ul	241178	6	24.67	1742780	20.0
(DEL) Alkane: Str...	25.83	5.9	ng/ul	516586	6	24.67	1742780	20.0