LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046271.D
Acq On : 14 Aug 2020 10:30
Operator : CG/JU
Sample : L3629-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM48

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	3.165	8	13	31	rVB	1660483	3243786	100.00%	8.471%
2	3.935	140	144	153	rVB2	14837	25547	0.79%	0.067%
3	4.070	161	167	178	rVB2	17462	36115	1.11%	0.094%
4	7.114	678	685	696	rBV	207210	375166	11.57%	0.980%
5	7.278	706	713	725	rBV	188880	313567	9.67%	0.819%
6	7.484	741	748	759	rVB	231423	400588	12.35%	1.046%
7	7.948	820	827	836	rBV	378933	648761	20.00%	1.694%
8	8.653	940	947	957	rBV	258475	444729	13.71%	1.161%
9	8.771	961	967	973	rVB	12348	20752	0.64%	0.054%
10	9.100	1015	1023	1032	rBV	207359	366178	11.29%	0.956%
11	9.822	1139	1146	1154	rBV	168477	304542	9.39%	0.795%
12	10.369	1230	1239	1250	rBV	279249	502697	15.50%	1.313%
13	10.745	1296	1303	1310	rBV	523769	938990	28.95%	2.452%
14	10.874	1318	1325	1341	rBV	147249	296199	9.13%	0.773%
15	13.982	1845	1854	1858	rVV	521555	792413	24.43%	2.069%
16	14.023	1858	1861	1868	rVV	112579	166174	5.12%	0.434%
17	14.264	1891	1902	1916	rBV	620840	991397	30.56%	2.589%
18	14.576	1945	1955	1962	rBV	895033	1321190	40.73%	3.450%
19	14.640	1962	1966	1973	rVB	21146	30818	0.95%	0.080%
20	14.769	1982	1988	1998	rBV	103118	207842	6.41%	0.543%
21	14.975	2019	2023	2031	rVB2	18726	34183	1.05%	0.089%
22	15.569	2117	2124	2130	rBV	841087	1248088	38.48%	3.259%
23	15.621	2130	2133	2137	rVV3	25099	33275	1.03%	0.087%
24	15.680	2137	2143	2151	rVV	169044	254237	7.84%	0.664%
25	15.915	2179	2183	2190	rVB3	13241	23217	0.72%	0.061%
26	16.068	2203	2209	2216	rVB	16108	31044	0.96%	0.081%
27	16.473	2273	2278	2282	rVB7	14936	22663	0.70%	0.059%
28	16.855	2336	2343	2346	rBV5	14453	27240	0.84%	0.071%
29	16.896	2346	2350	2354	rVV3	11424	21428	0.66%	0.056%
30	16.973	2357	2363	2369	rVB2	30183	55955	1.72%	0.146%
31	17.055	2371	2377	2378	rBV3	16080	21304	0.66%	0.056%
32	17.137	2387	2391	2395	rVB	15314	22518	0.69%	0.059%
33	17.220	2400	2405	2411	rBV5	27801	41671	1.28%	0.109%
34	17.319	2412	2422	2426	rBV	1018420	1622913	50.03%	4.238%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046271.D
Acq On : 14 Aug 2020 10:30
Operator : CG/JU
Sample : L3629-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM48

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	17.361	2426	2429	2433	rVV	332228	449056	13.84%	1.173%
36	17.413	2433	2438	2450	rVV2	824738	1341563	41.36%	3.503%
37	17.507	2450	2454	2461	rVB6	15125	26060	0.80%	0.068%
38	17.631	2465	2475	2481	rVB9	20491	37809	1.17%	0.099%
39	17.713	2481	2489	2493	rBV2	30884	57775	1.78%	0.151%
40	18.101	2549	2555	2561	rBV8	16886	33820	1.04%	0.088%
41	18.160	2561	2565	2567	rBV4	15068	22929	0.71%	0.060%
42	18.218	2567	2575	2584	rVV2	265229	591401	18.23%	1.544%
43	18.283	2584	2586	2589	rVV	16403	20836	0.64%	0.054%
44	18.318	2589	2592	2597	rVB	29900	43410	1.34%	0.113%
45	18.389	2597	2604	2607	rBV3	79608	150906	4.65%	0.394%
46	18.424	2607	2610	2616	rVB	57275	79374	2.45%	0.207%
47	18.524	2618	2627	2628	rBV7	18658	37331	1.15%	0.097%
48	18.688	2650	2655	2658	rVV	58620	88248	2.72%	0.230%
49	18.724	2658	2661	2668	rVV	65826	97974	3.02%	0.256%
50	18.941	2694	2698	2701	rVV2	24154	35586	1.10%	0.093%
51	18.988	2702	2706	2709	rVV	23906	31081	0.96%	0.081%
52	19.023	2709	2712	2716	rVB3	21805	27681	0.85%	0.072%
53	19.106	2721	2726	2731	rVV2	57443	93945	2.90%	0.245%
54	19.176	2731	2738	2745	rVV8	33309	94758	2.92%	0.247%
55	19.241	2745	2749	2759	rVB	61567	108922	3.36%	0.284%
56	19.370	2762	2771	2778	rBV	649516	962333	29.67%	2.513%
57	19.487	2788	2791	2794	rBV	50684	55387	1.71%	0.145%
58	19.699	2821	2827	2830	rBV	1193401	1788078	55.12%	4.669%
59	19.728	2830	2832	2840	rVB	548689	658531	20.30%	1.720%
60	19.805	2840	2845	2849	rBV2	35814	59799	1.84%	0.156%
61	19.910	2859	2863	2867	rBV	28608	42277	1.30%	0.110%
62	19.963	2868	2872	2878	rVB2	30430	43628	1.34%	0.114%
63	20.052	2881	2887	2894	rBV4	61984	170082	5.24%	0.444%
64	20.187	2906	2910	2911	rBV3	41195	55087	1.70%	0.144%
65	20.216	2912	2915	2919	rVV	106520	157628	4.86%	0.412%
66	20.251	2919	2921	2924	rVB	25260	22938	0.71%	0.060%
67	20.322	2929	2933	2936	rBV	40554	52728	1.63%	0.138%
68	20.375	2938	2942	2945	rVV2	79983	136513	4.21%	0.356%
69	20.410	2945	2948	2953	rVB2	133400	175972	5.42%	0.460%
70	20.522	2963	2967	2970	rBV	43361	55145	1.70%	0.144%
71	20.574	2970	2976	2980	rVV2	156520	242622	7.48%	0.634%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046271.D
Acq On : 14 Aug 2020 10:30
Operator : CG/JU
Sample : L3629-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM48

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	20.616	2980	2983	2989	rVB5	72918	119687	3.69%	0.313%
73	20.968	3040	3043	3050	rVB	94247	150655	4.64%	0.393%
74	21.056	3056	3058	3063	rVB3	39441	45653	1.41%	0.119%
75	21.150	3068	3074	3078	rBV2	47954	112629	3.47%	0.294%
76	21.197	3079	3082	3084	rVV	43475	55919	1.72%	0.146%
77	21.232	3084	3088	3095	rVV3	384463	607680	18.73%	1.587%
78	21.291	3096	3098	3103	rVB	65923	93514	2.88%	0.244%
79	21.473	3125	3129	3135	rVB	92183	123186	3.80%	0.322%
80	21.561	3136	3144	3149	rVV2	1175605	2340471	72.15%	6.112%
81	21.608	3149	3152	3162	rVB	291085	471494	14.54%	1.231%
82	21.773	3178	3180	3184	rVB2	46299	57403	1.77%	0.150%
83	21.961	3208	3212	3217	rVB2	31559	55424	1.71%	0.145%
84	22.378	3275	3283	3297	rVB5	159258	454597	14.01%	1.187%
85	23.042	3393	3396	3402	rVB2	88999	139049	4.29%	0.363%
86	23.371	3448	3452	3463	rVB3	114261	244103	7.53%	0.637%
87	23.694	3499	3507	3514	rBV	211511	697839	21.51%	1.822%
88	23.824	3523	3529	3533	rBV	298616	595334	18.35%	1.555%
89	23.876	3533	3538	3547	rVB	425703	893835	27.56%	2.334%
90	24.388	3619	3625	3629	rBV2	105203	234873	7.24%	0.613%
91	24.458	3630	3637	3644	rVV	561590	1476095	45.51%	3.855%
92	24.529	3645	3649	3660	rVB	170465	378176	11.66%	0.988%
93	24.675	3664	3674	3681	rBV2	645306	1858354	57.29%	4.853%
94	24.740	3682	3685	3693	rVB2	155327	312636	9.64%	0.816%
95	25.827	3862	3870	3881	rBV2	313093	944685	29.12%	2.467%
96	25.939	3882	3889	3911	rVB4	164795	625660	19.29%	1.634%
97	26.814	4031	4038	4058	rVB4	92844	367392	11.33%	0.959%
98	27.131	4088	4092	4103	rVB3	92124	252691	7.79%	0.660%
99	28.718	4353	4362	4382	rVB4	155606	763141	23.53%	1.993%
100	29.811	4538	4548	4570	rVB4	139811	786111	24.23%	2.053%

Sum of corrected areas: 38294686

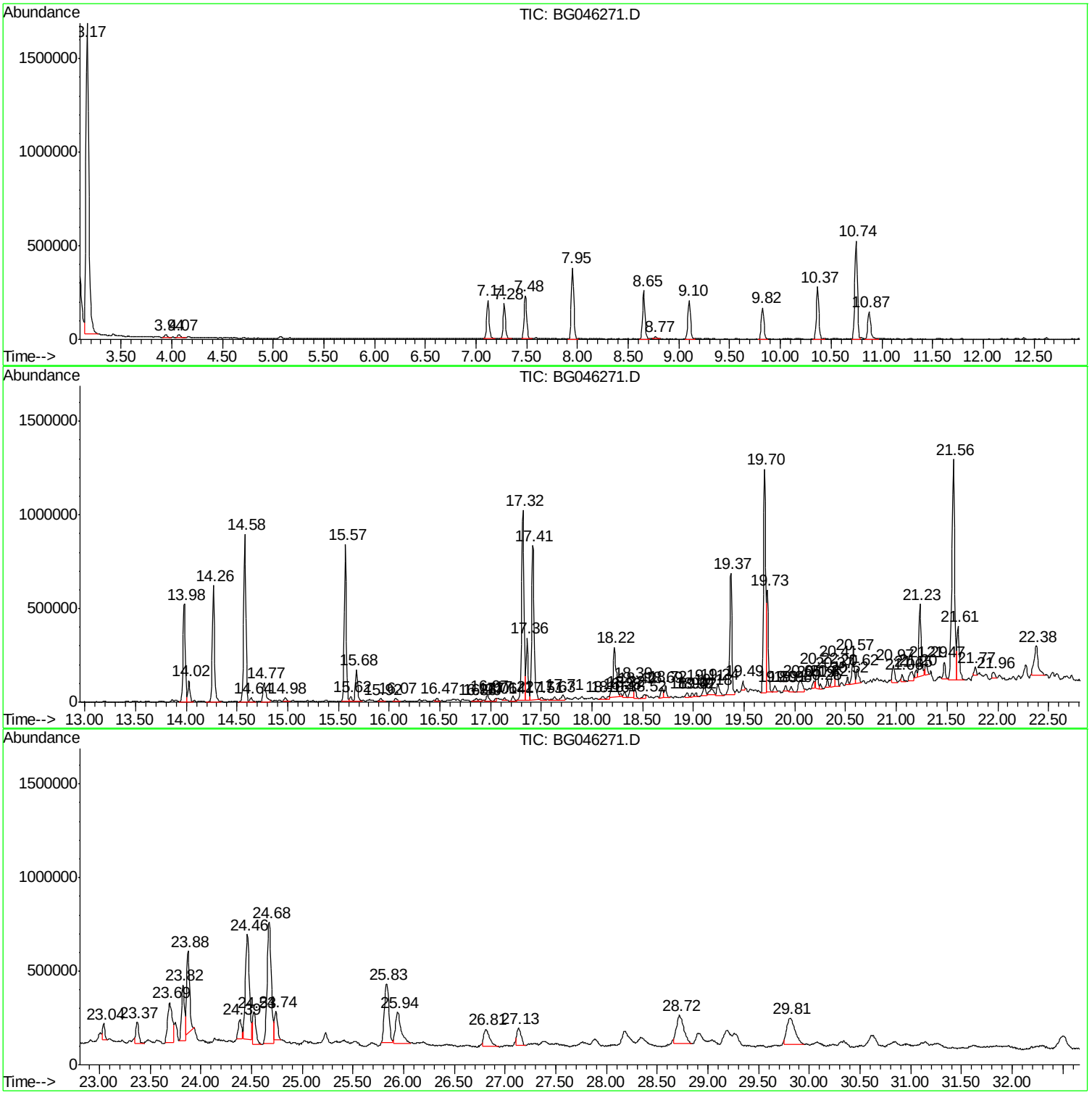
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046271.D
Acq On : 14 Aug 2020 10:30
Operator : CG/JU
Sample : L3629-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM48

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 : BG046271.D
Acq On : 14 Aug 2020 10:30
Operator : CG/JU
Sample : L3629-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM48

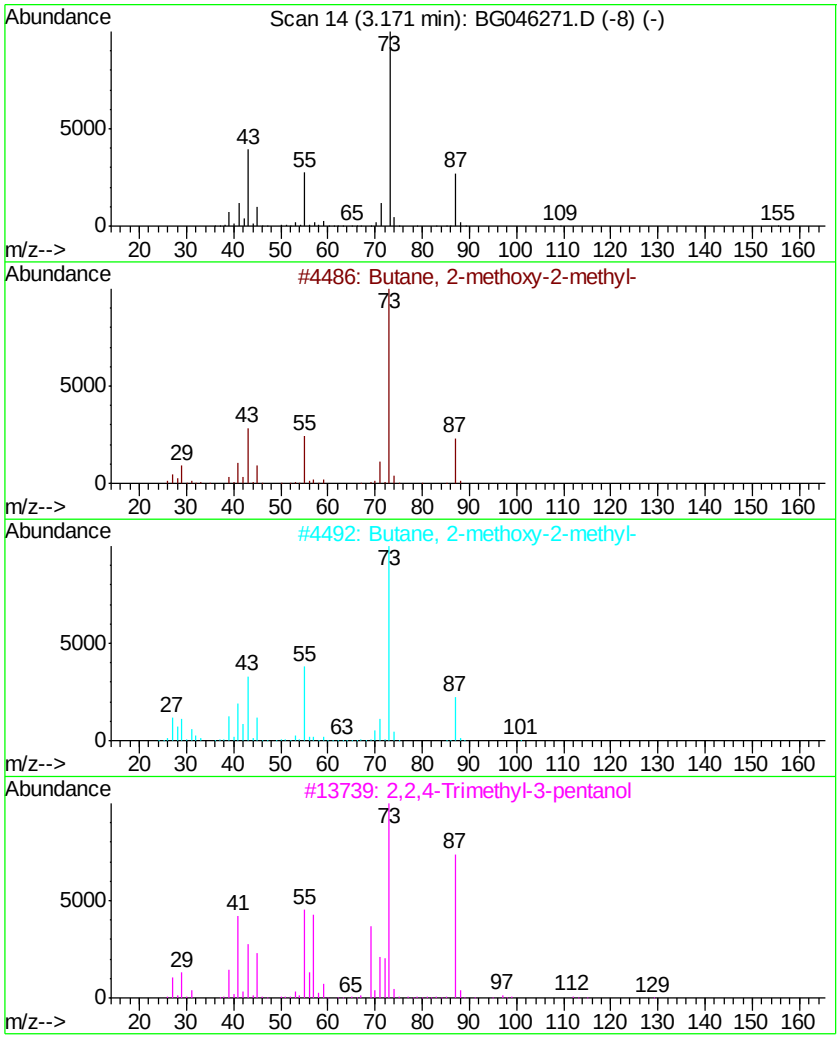
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

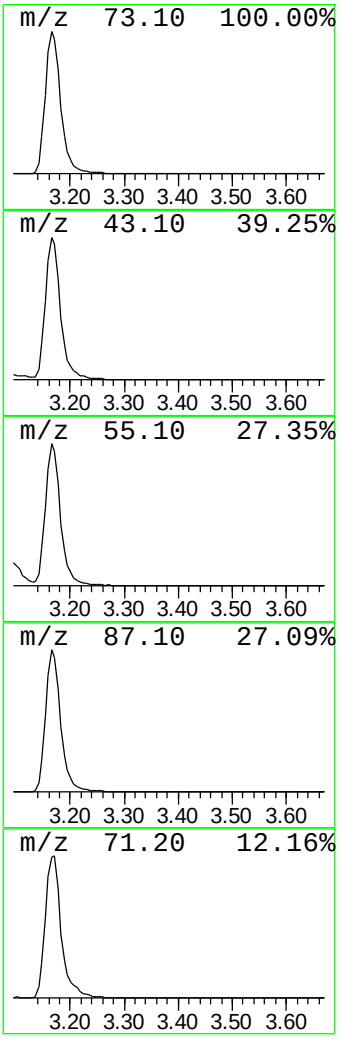
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.17	100.00 ng/ul	3243790	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	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





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046271.D
Acq On : 14 Aug 2020 10:30
Operator : CG/JU
Sample : L3629-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM48

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

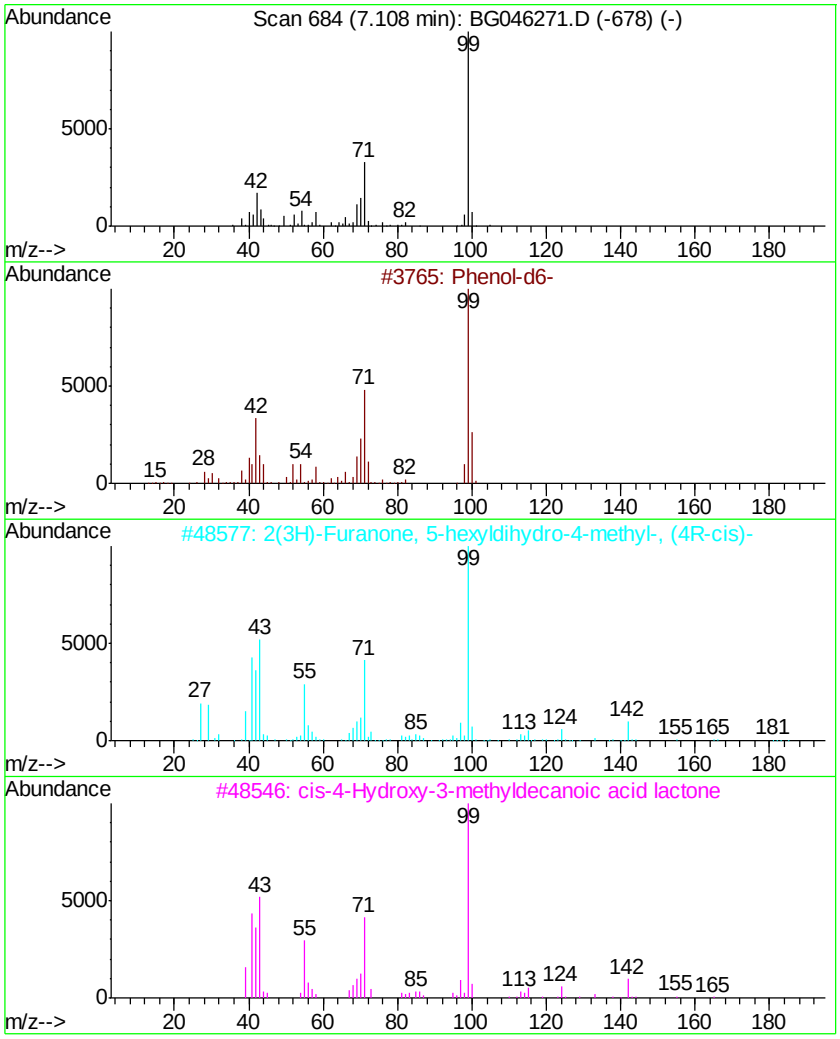
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

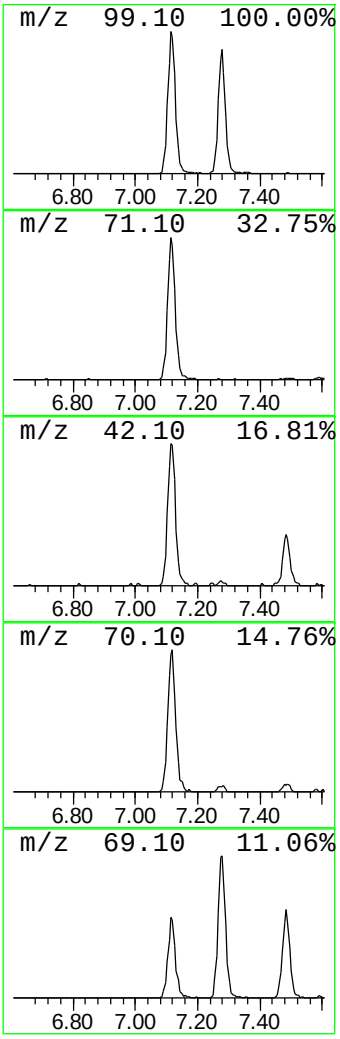
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.11	11.57 ng/ul	375166	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol-d6-	100	C6D6O	013127-88-3	64
2	2(3H)-Furanone, 5-hexyldihydro-4...	184	C11H20O2	121644-12-0	64
3	cis-4-Hydroxy-3-methyldecanoic a...	184	C11H20O2	147254-32-8	64
4	Hexanoic acid, 3-tridecyl ester	298	C19H38O2	1000279-29-2	56
5	Hexanoic acid, 4-tridecyl ester	298	C19H38O2	1000279-29-3	56





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046271.D
Acq On : 14 Aug 2020 10:30
Operator : CG/JU
Sample : L3629-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM48

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

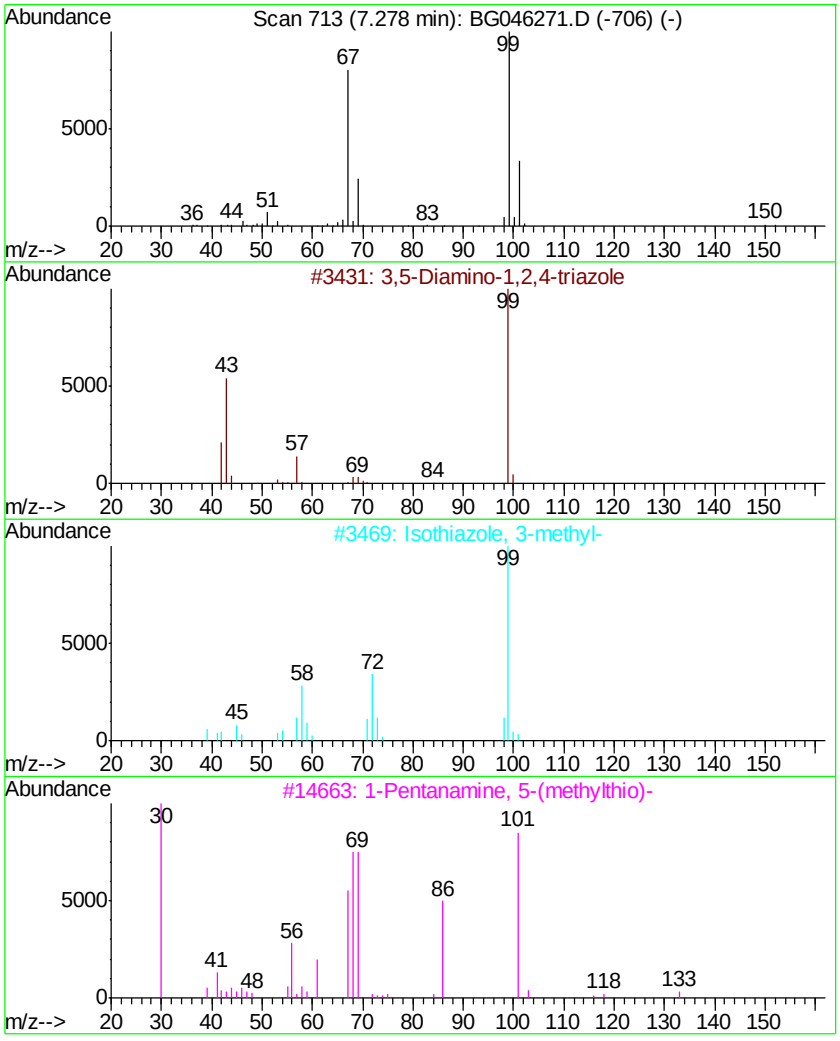
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

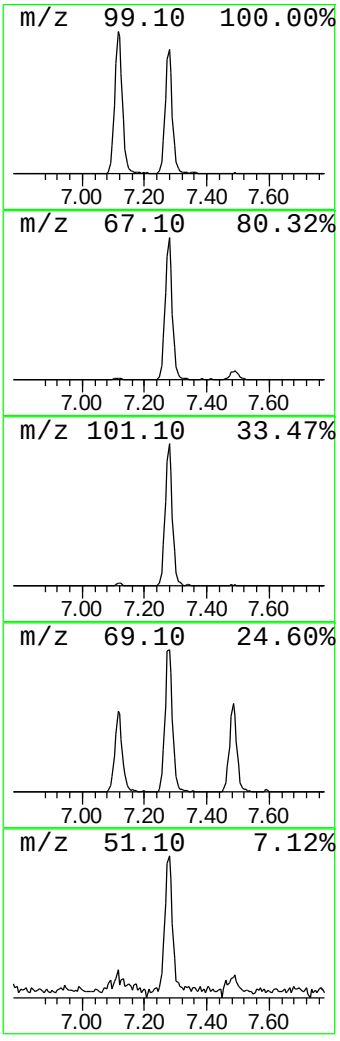
****

Peak Number 3 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.28	9.67 ng/ul	313567	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	1-Pentanamine, 5-(methylthio)-	133	C6H15NS	055021-78-8	9
4	Methyl 2-butynoate	98	C5H6O2	023326-27-4	5
5	3,5-Diamino-1,2,4-triazole	99	C2H5N5	001455-77-2	5





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046271.D
Acq On : 14 Aug 2020 10:30
Operator : CG/JU
Sample : L3629-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM48

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

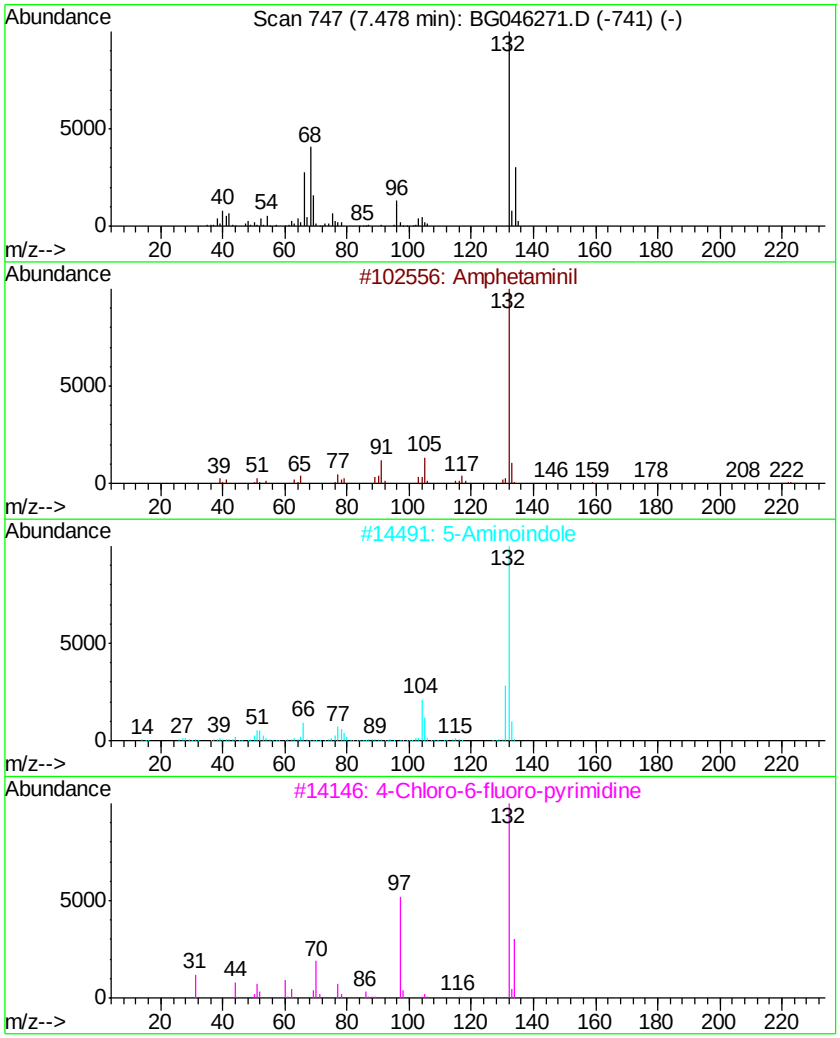
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

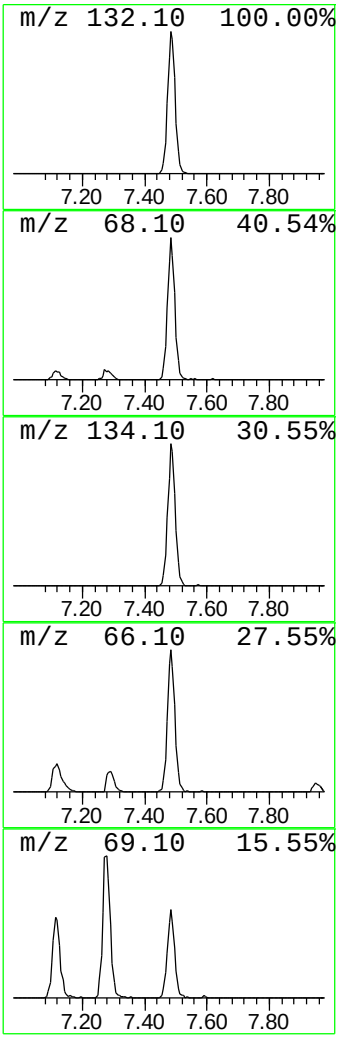
****

Peak Number 4 unknown-02 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.48	12.35 ng/ul	400588	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Amphetaminil	250	C17H18N2	017590-01-1	12
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046271.D
Acq On : 14 Aug 2020 10:30
Operator : CG/JU
Sample : L3629-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM48

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

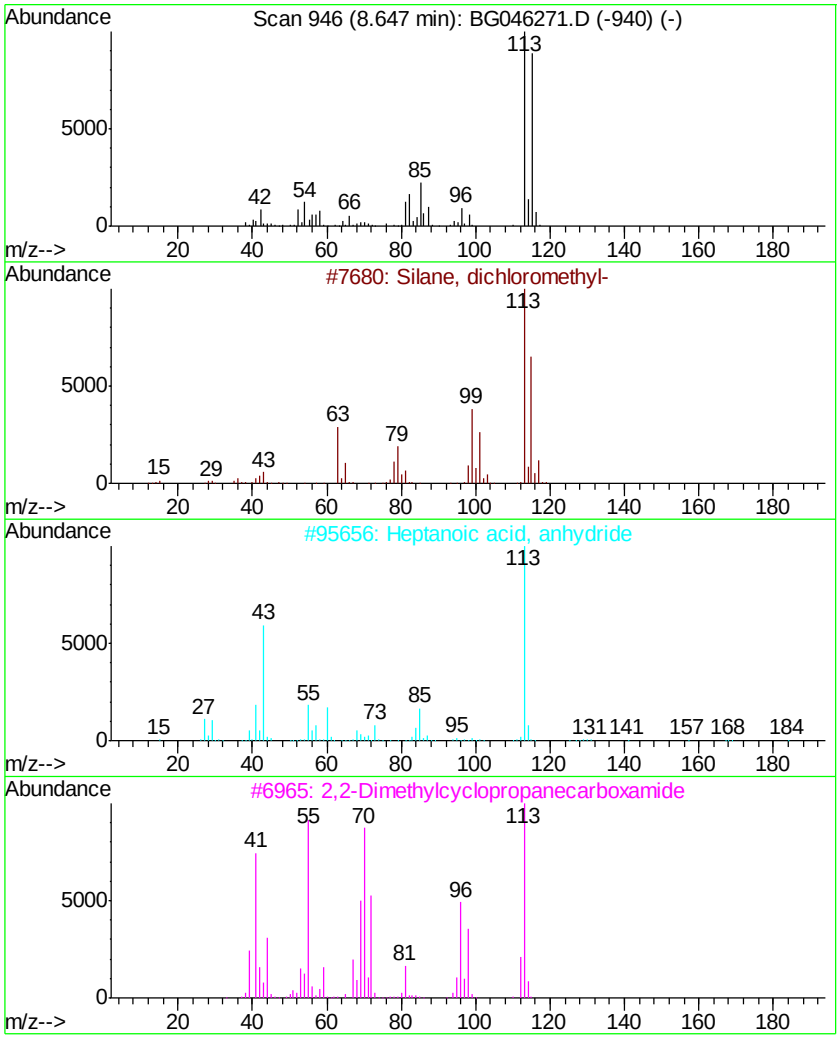
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

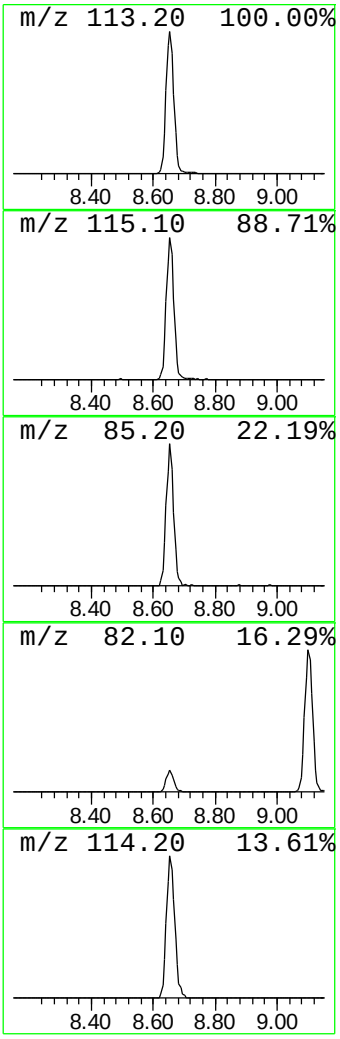
****

Peak Number 5 unknown-03 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	13.71 ng/ul	444729	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, dichloromethyl-	114	CH4Cl2Si	000075-54-7	38
2	Heptanoic acid, anhydride	242	C14H26O3	000626-27-7	32
3	2,2-Dimethylcyclopropanecarboxamide	113	C6H11NO	075885-58-4	27
4	1,3-Dioxepane, 5-methyl-2-pentad...	326	C21H42O2	056599-34-9	27
5	Heptanoic acid, anhydride	242	C14H26O3	000626-27-7	25





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Acq On : 14 Aug 2020 10:30
Operator : CG/JU
Sample : L3629-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM48

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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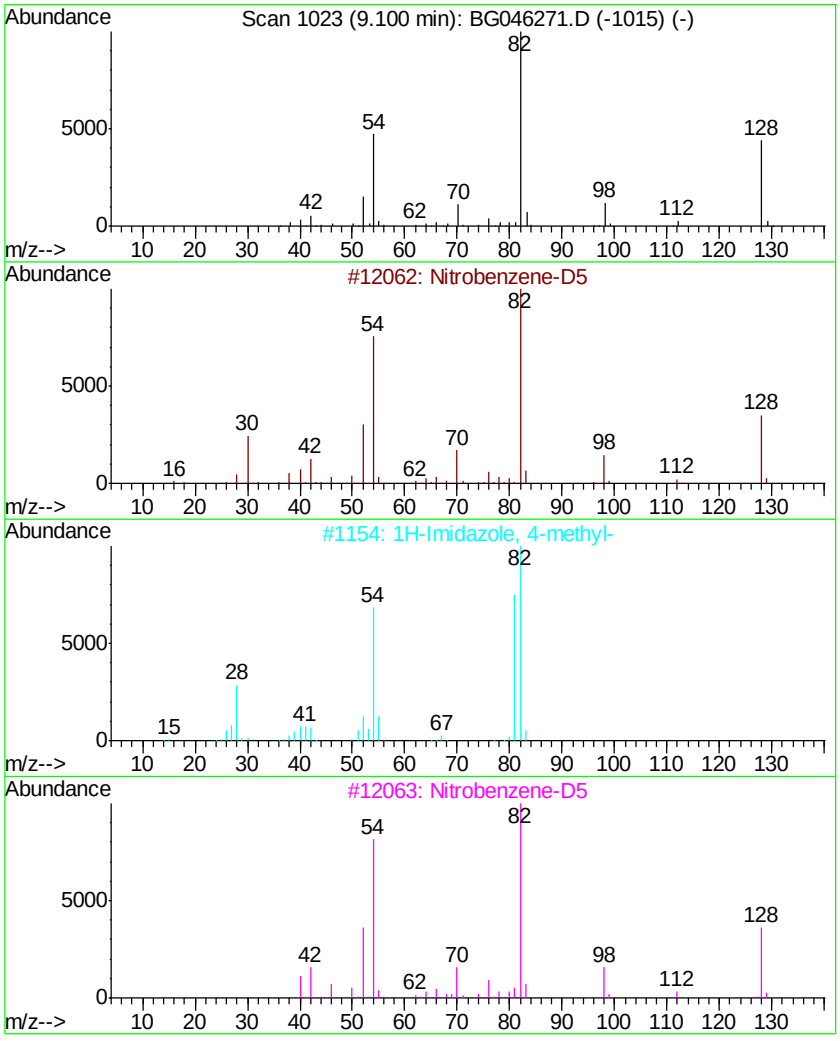
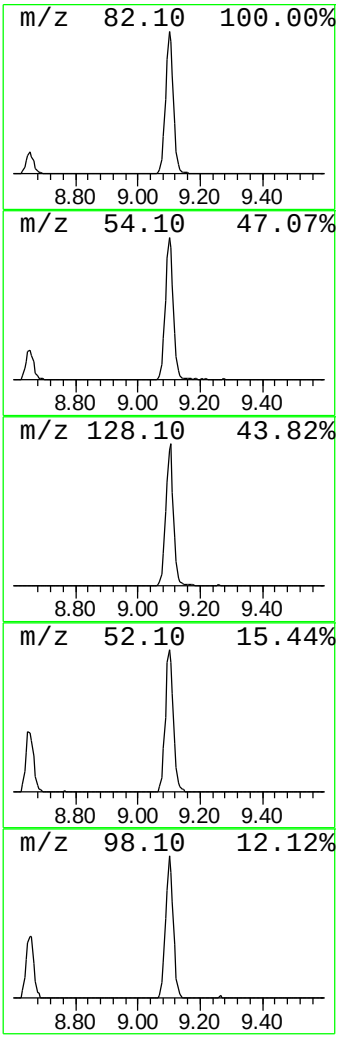
Peak Number 6 1H-Imidazole, 4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.10	11.29 ng/ul	366178	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nitrobenzene-D5	128	C6D5NO2	004165-60-0	91
2	1H-Imidazole, 4-methyl-	82	C4H6N2	000822-36-6	50
3	Nitrobenzene-D5	128	C6D5NO2	004165-60-0	37
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 : BFM48

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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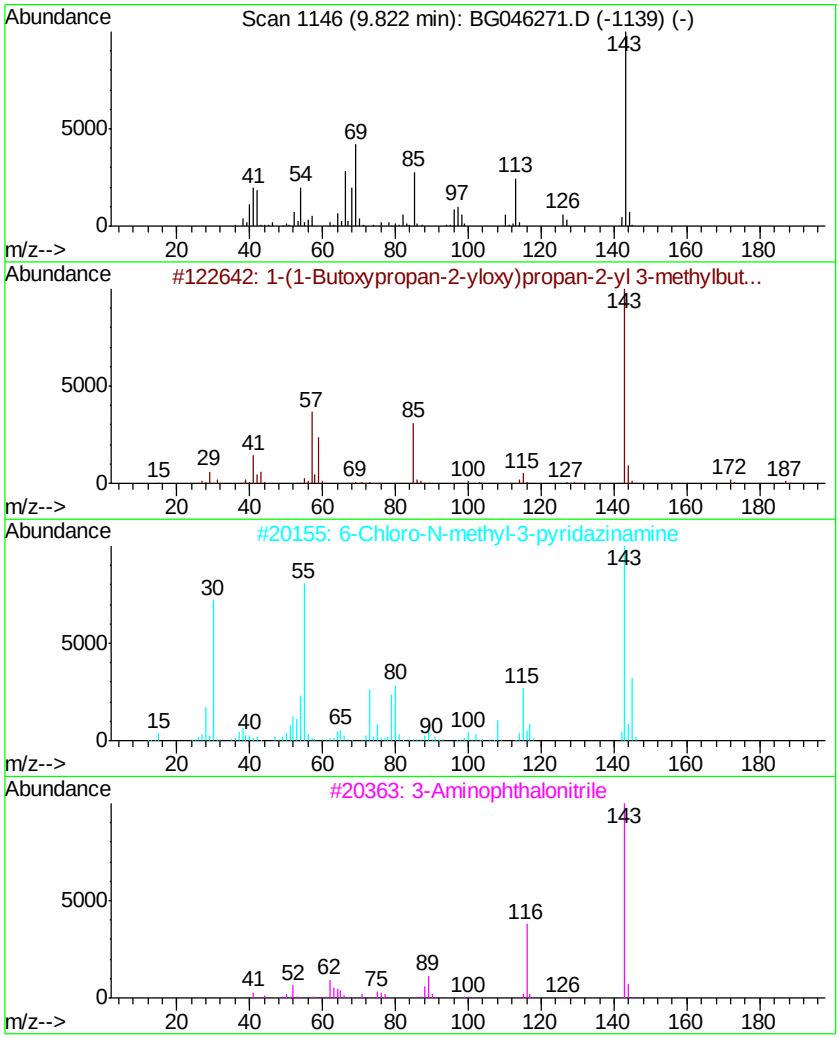
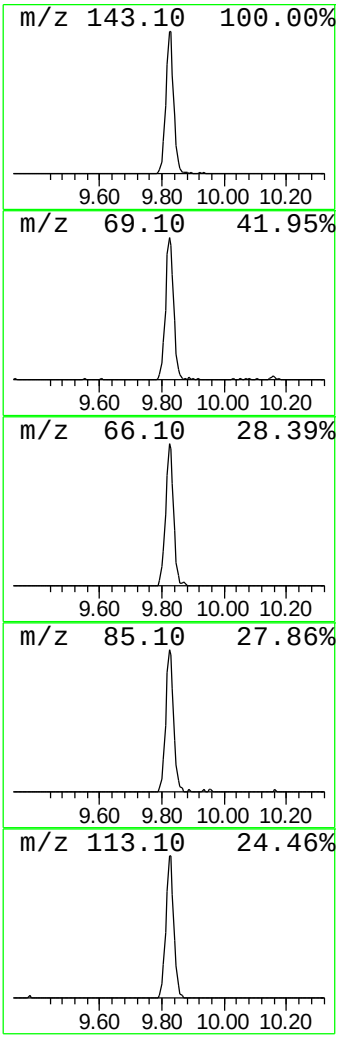
Peak Number 7 unknown-04 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	6.49 ng/ul	304542	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	12
2	6-Chloro-N-methyl-3-pyridazinamine	143	C5H6ClN3	014959-32-1	12
3	3-Aminophthalonitrile	143	C8H5N3	058632-96-5	10
4	1-(1-Butoxypropan-2-yloxy)propan...	274	C15H30O4	1000367-10-9	10
5	2,3-Dimethyl-5-methylamino-1,3,4...	143	C5H9N3S	1000288-97-2	10





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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM48

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Quant Title : SVOA CALIBRATION

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

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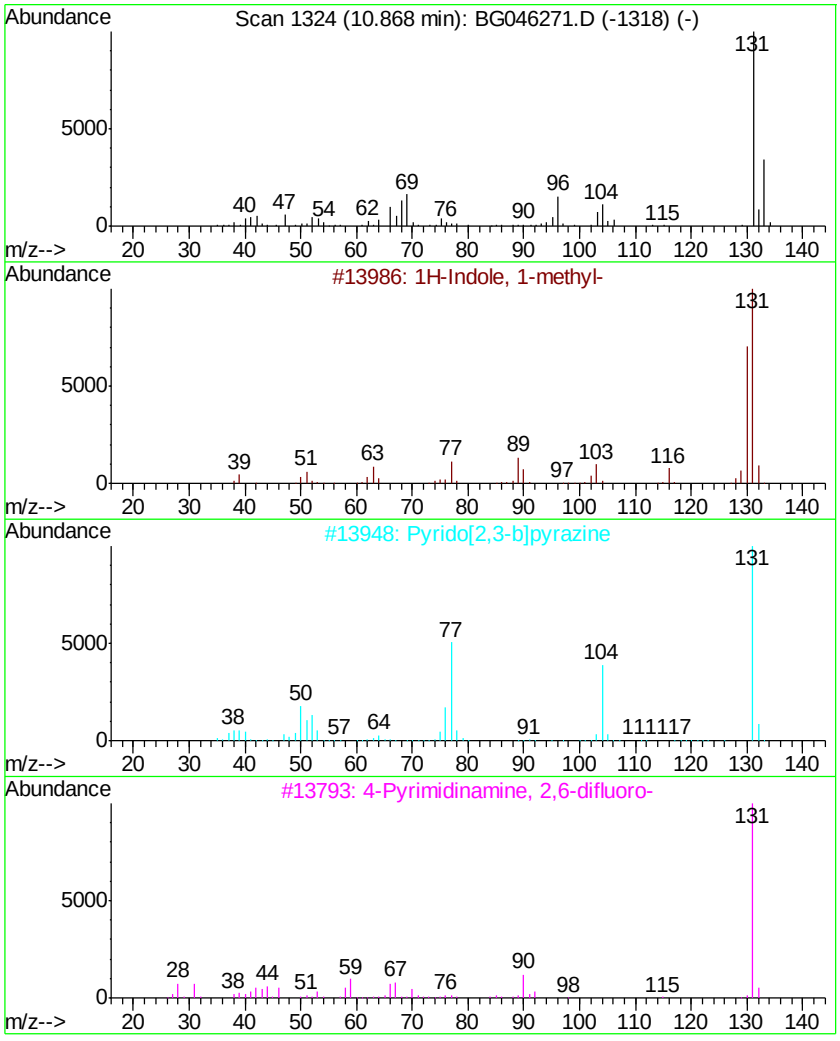
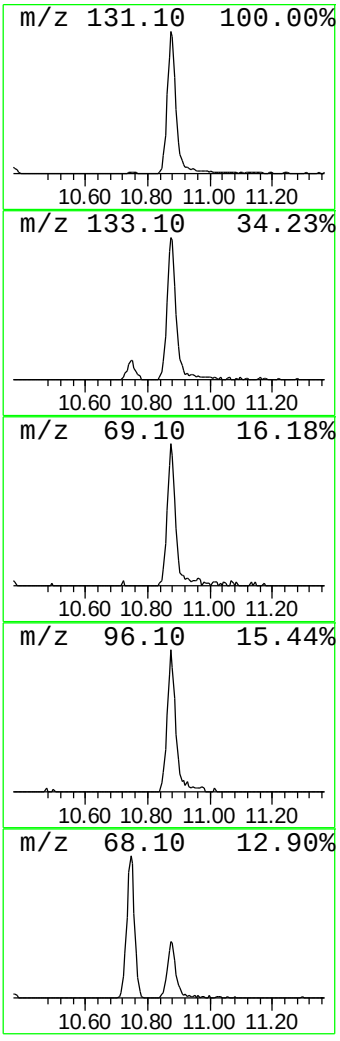
Peak Number 8 unknown-05 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	6.31 ng/ul	296199	Naphthalene-d8	10.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indole, 1-methyl-	131	C9H9N	000603-76-9	9
2	Pyrido[2,3-b]pyrazine	131	C7H5N3	000322-46-3	9
3	4-Pyrimidinamine, 2,6-difluoro-	131	C4H3F2N3	000675-12-7	9
4	1H-Indole, 6-methyl-	131	C9H9N	003420-02-8	9
5	Benzeneacetic acid, 4-(1H-1,2,3,...	204	C9H8N4O2	1000351-56-5	9





Library Search Compound Report

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Sample : L3629-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM48

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

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

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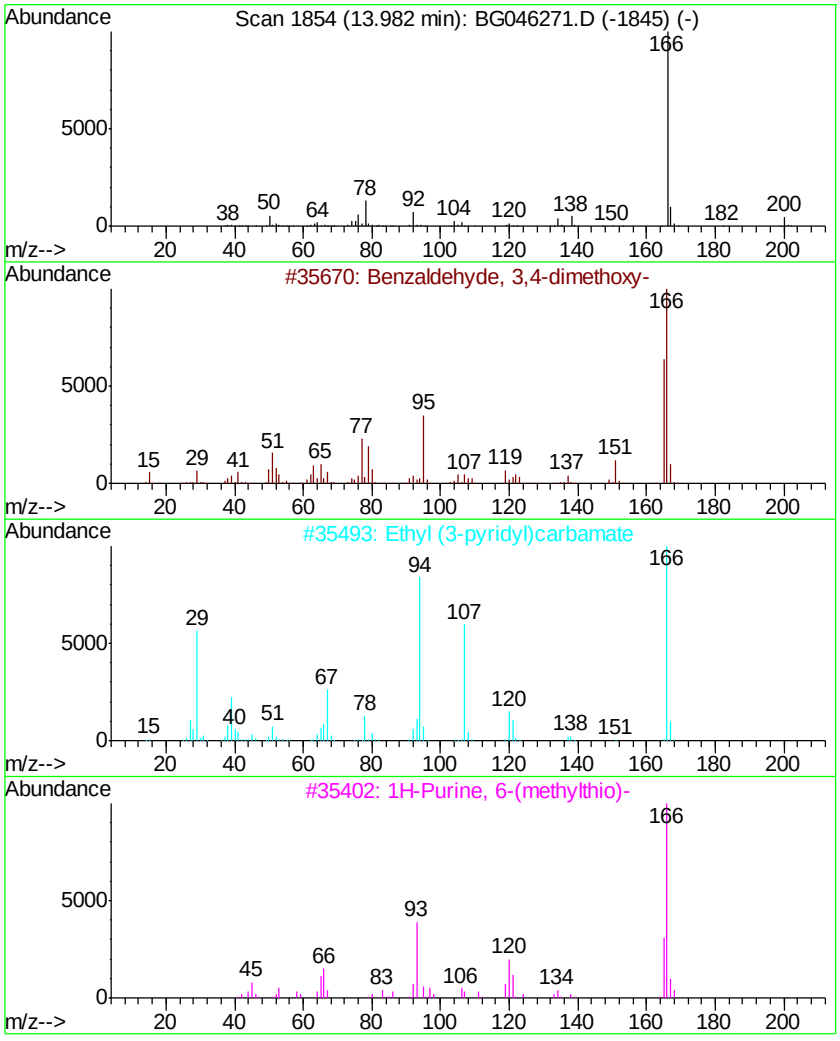
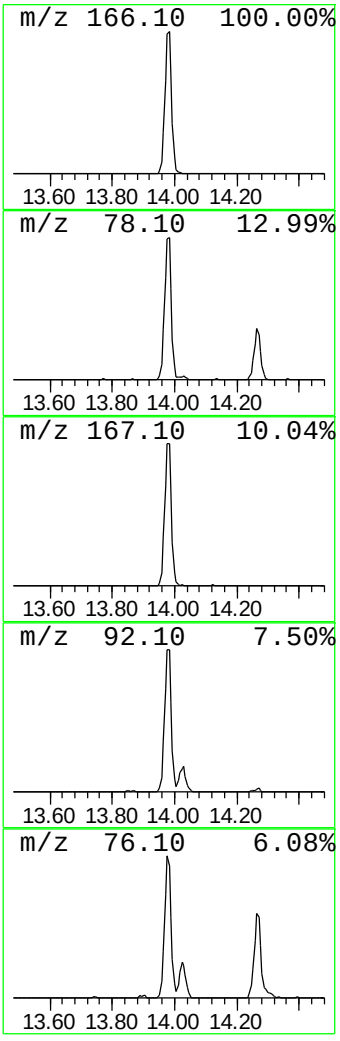
Peak Number 9 unknown-06 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.98	12.00 ng/ul	792413	Acenaphthene-d10	14.58

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	1H-Purine, 6-(methylthio)-	166	C6H6N4S	000050-66-8	38
4	Benzenamine, N,N-dimethyl-4-nitro-	166	C8H10N2O2	000100-23-2	38
5	3,5-Diamino-2-methylbenzoic acid	166	C8H10N2O2	090007-30-0	36





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Misc :
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Instrument : BNA_G
ClientSampleId : BFM48

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Quant Title : SVOA CALIBRATION

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

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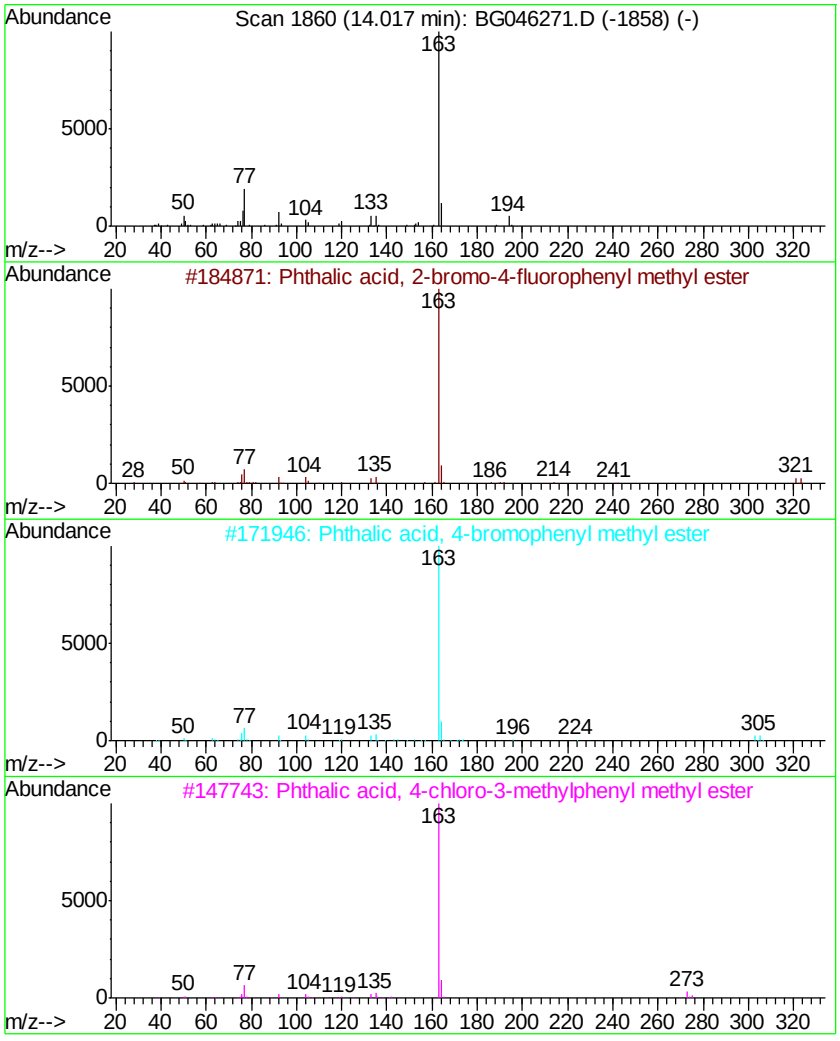
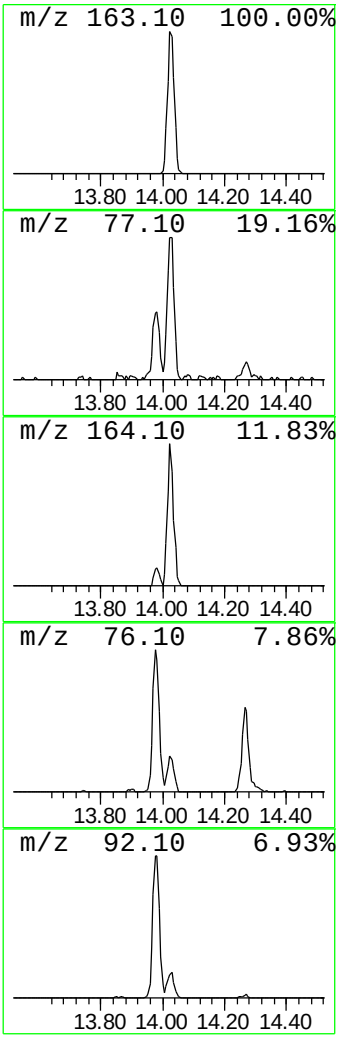
Peak Number 10 Phthalic acid, 2-bromo-4-fl... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	2.52 ng/ul	166174	Acenaphthene-d10	14.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, 2-bromo-4-fluorop...	352	C15H10BrFO4	1000315-62-3	83
2	Phthalic acid, 4-bromophenyl met...	334	C15H11BrO4	1000315-66-6	74
3	Phthalic acid, 4-chloro-3-methyl...	304	C16H13ClO4	1000315-71-2	74
4	Hexyl methyl phthalate	264	C15H20O4	1000373-89-7	72
5	Dimethyl phthalate	194	C10H10O4	000131-11-3	64





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Operator : CG/JU
Sample : L3629-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM48

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Quant Title : SVOA CALIBRATION

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

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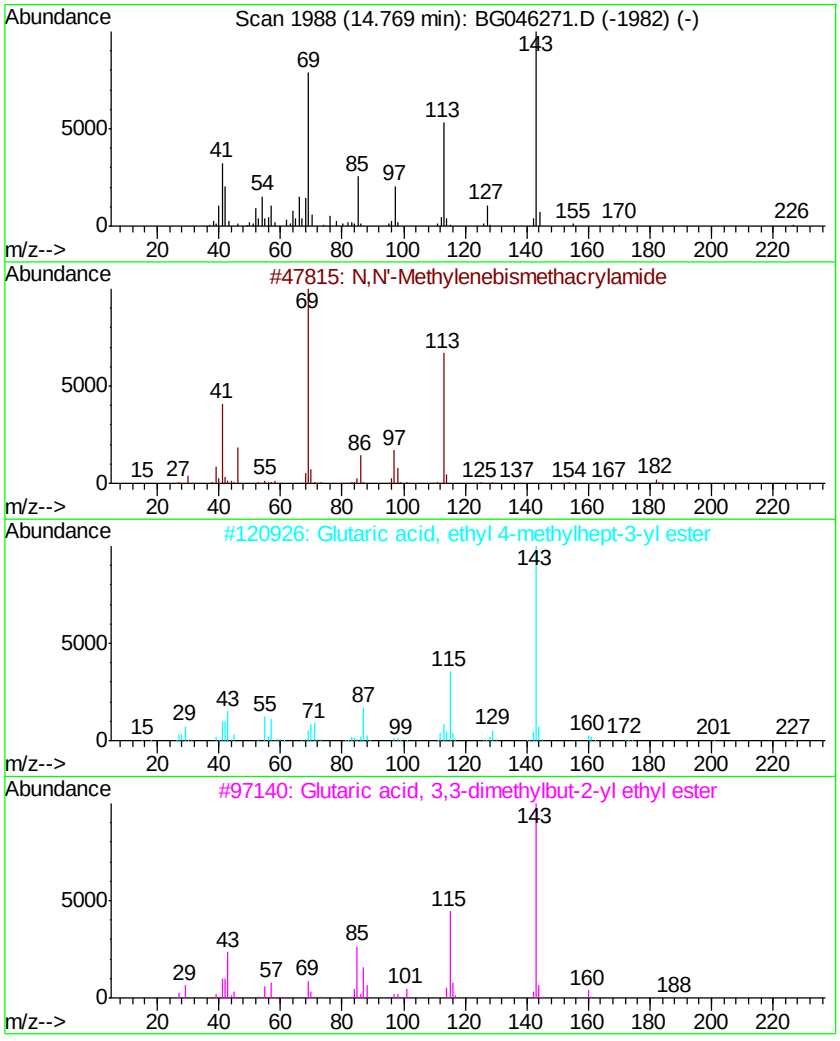
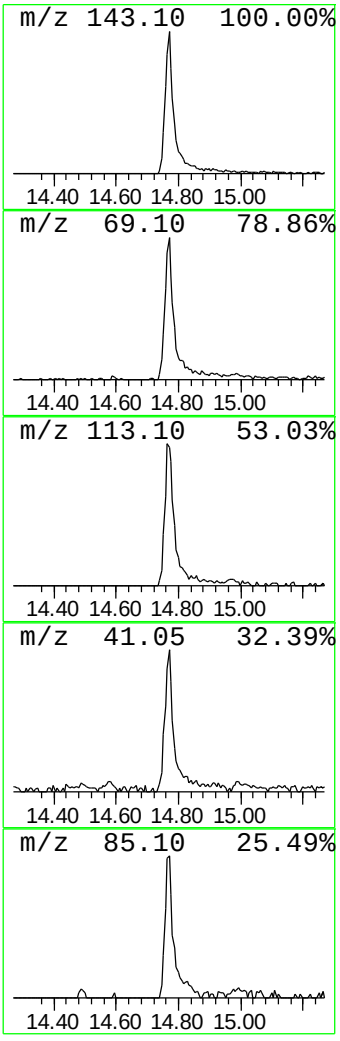
Peak Number 11 unknown-07 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	3.15 ng/ul	207842	Acenaphthene-d10	14.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N,N'-Methylenebismethacrylamide	182	C9H14N2O2	002359-15-1	38
2	Glutaric acid, ethyl 4-methylhep...	272	C15H28O4	1000377-14-9	22
3	Glutaric acid, 3,3-dimethylbut-2...	244	C13H24O4	1000359-74-7	16
4	Phenol, 3-amino-2-chloro-	143	C6H6ClNO	056962-01-7	14
5	6-Chloro-N-methyl-3-pyridazinamine	143	C5H6ClN3	014959-32-1	14





Library Search Compound Report

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Sample : L3629-01
Misc :
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Instrument : BNA_G
ClientSampleId : BFM48

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Quant Title : SVOA CALIBRATION

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

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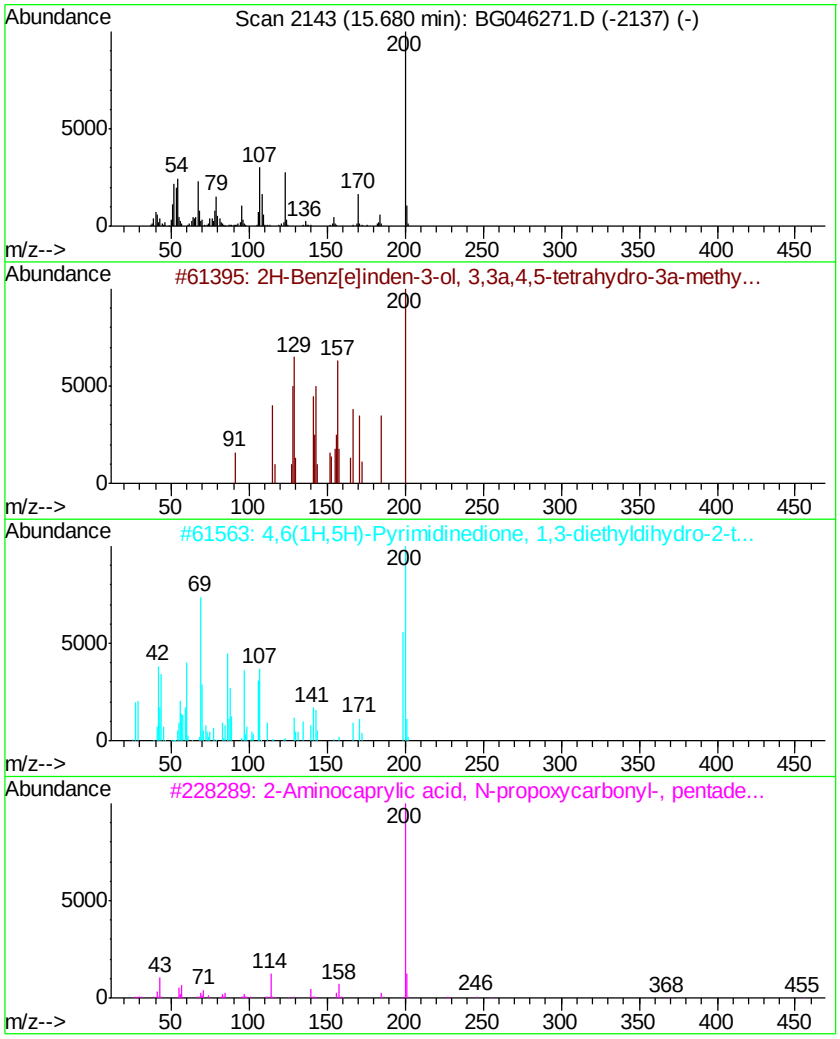
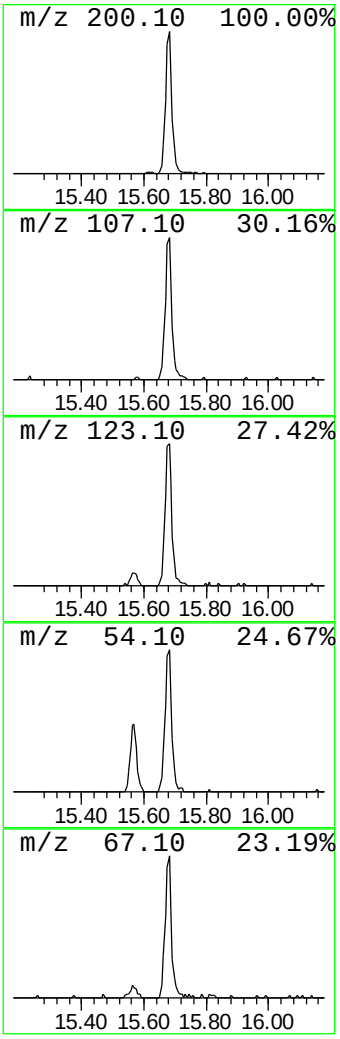
Peak Number 12 unknown-08 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	3.85 ng/ul	254237	Acenaphthene-d10	14.58

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	4,6(1H,5H)-Pyrimidinedione, 1,3-...	200	C8H12N2O2S	005217-47-0	14
3	2-Aminocaprylic acid, N-propoxyc...	455	C27H53NO4	1000325-43-1	14
4	l-Leucine, n-butoxycarbonyl-N-me...	483	C29H57NO4	1000321-89-4	14
5	2-Aminocaprylic acid, N-propoxyc...	329	C18H35NO4	1000325-42-2	14





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Sample : L3629-01
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Instrument : BNA_G
ClientSampleId : BFM48

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Quant Title : SVOA CALIBRATION

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

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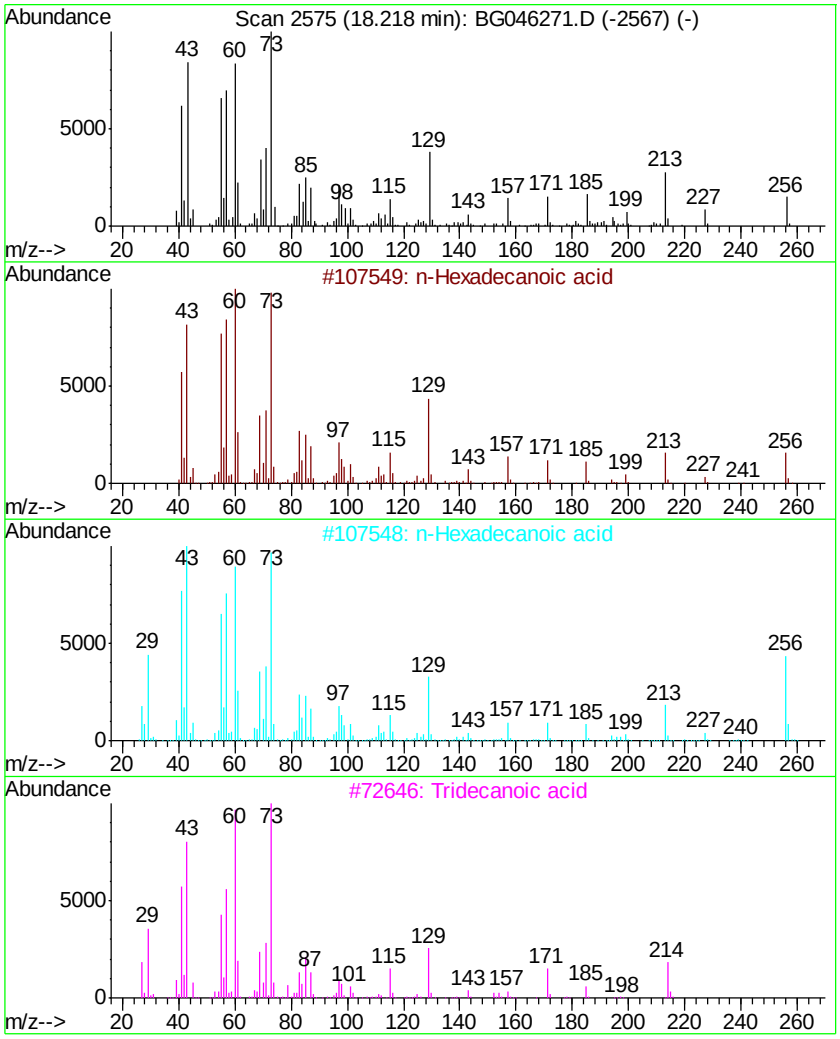
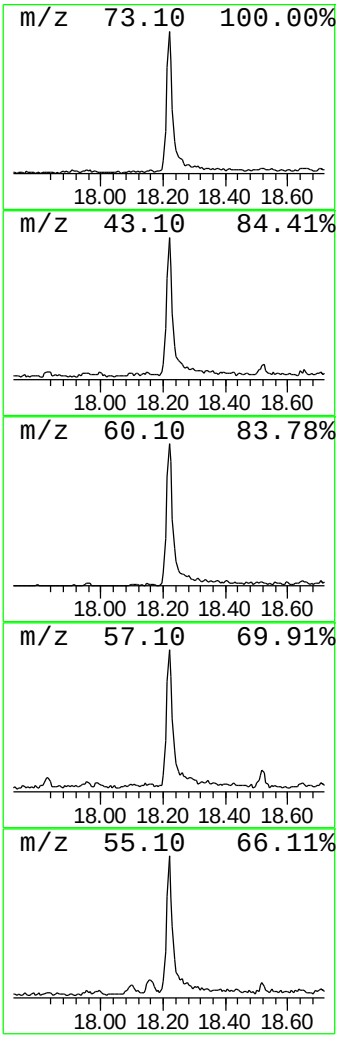
Peak Number 13 n-Hexadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.22	7.29 ng/ul	591401	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	95
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	80





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Instrument : BNA_G
ClientSampleId : BFM48

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Quant Title : SVOA CALIBRATION

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

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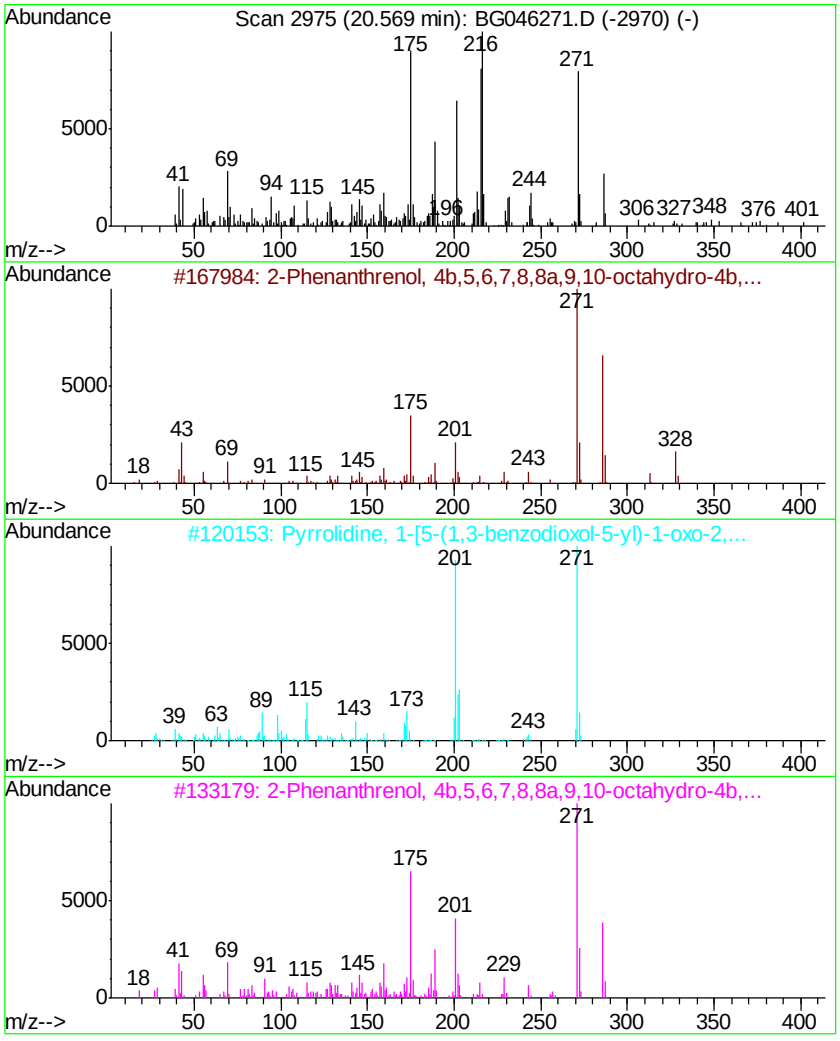
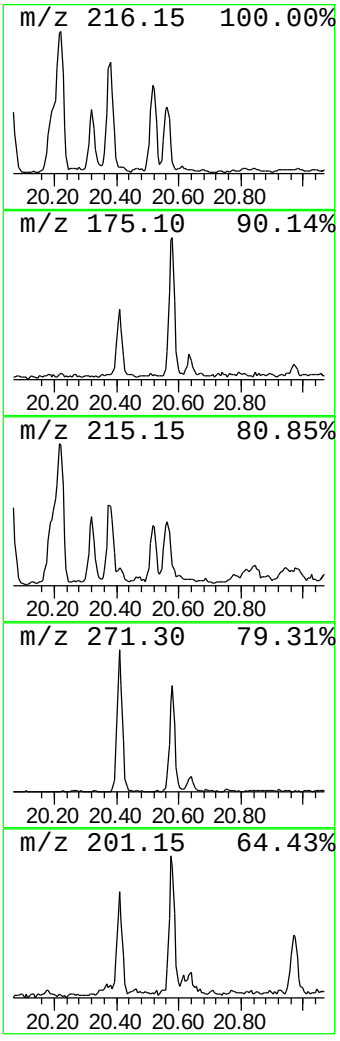
Peak Number 14 2-Phenanthrenol, 4b,5,6,7,8... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.57	2.07 ng/ul	242622	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenanthrenol, 4b,5,6,7,8,8a,9...	328	C22H32O2	015340-82-6	62
2	Pyrrolidine, 1-[5-(1,3-benzodiox...	271	C16H17NO3	025924-78-1	41
3	2-Phenanthrenol, 4b,5,6,7,8,8a,9...	286	C20H30O	000511-15-9	30
4	4H-Benzo[f]pyrrolo[1,2-a][1,4]di...	354	C22H30N2O2	1000302-50-6	18
5	n-Hexyl-6-methoxy-4-methyl-8-qui...	272	C17H24N2O	083547-16-4	18





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Sample : L3629-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM48

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Quant Title : SVOA CALIBRATION

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

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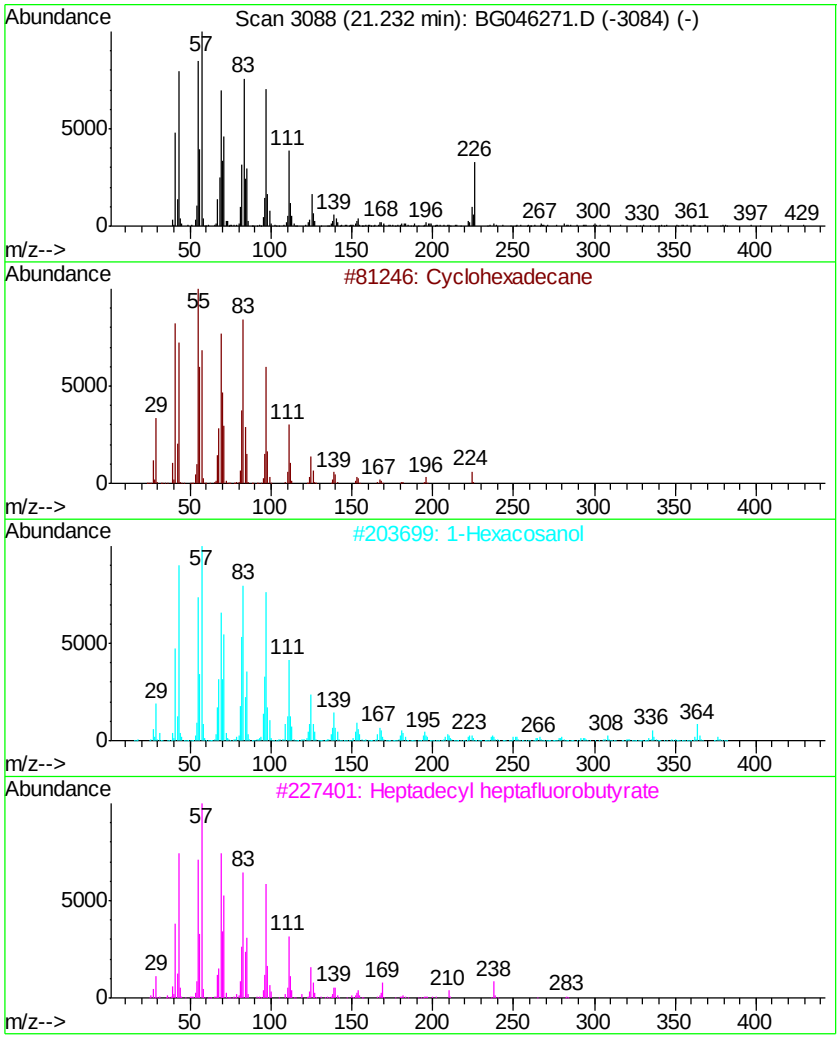
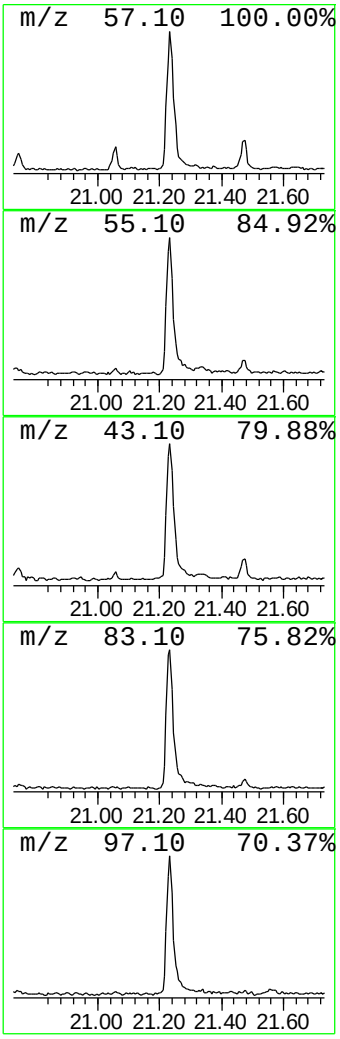
Peak Number 15 (DEL) Alkane: Cyclic21.23 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.23	5.19 ng/ul	607680	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	95
2	1-Hexacosanol	382	C26H54O	000506-52-5	93
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93
4	1-Heneicosanol	312	C21H44O	015594-90-8	93
5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	93





Library Search Compound Report

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Misc :
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Instrument : BNA_G
ClientSampleId : BFM48

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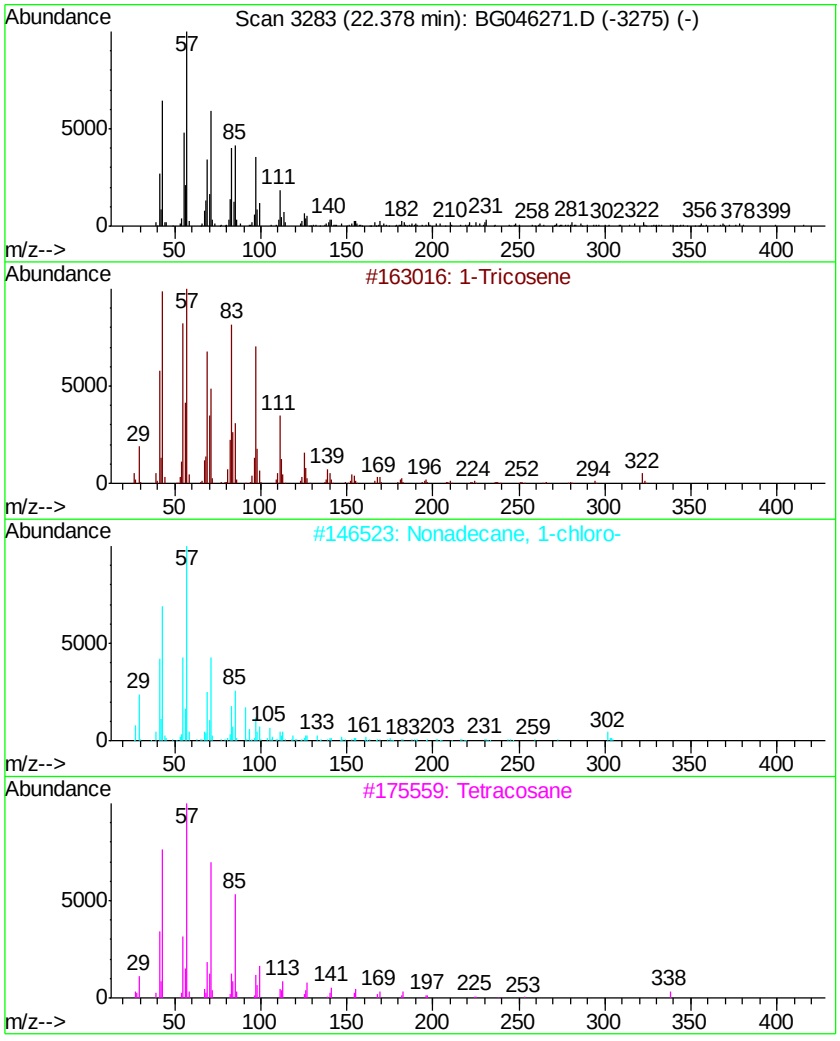
Quant Title : SVOA CALIBRATION

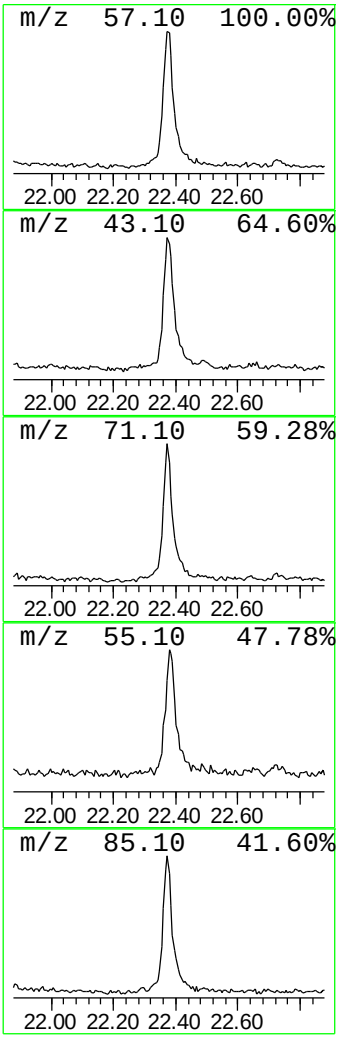
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.38	3.88 ng/ul	454597	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene	322	C23H46	018835-32-0	95
2	Nonadecane, 1-chloro-	302	C19H39Cl	062016-76-6	93
3	Tetracosane	338	C24H50	000646-31-1	91
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
5	11-Tricosene	322	C23H46	052078-56-5	90





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Data File : BG046271.D
Acq On : 14 Aug 2020 10:30
Operator : CG/JU
Sample : L3629-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM48

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

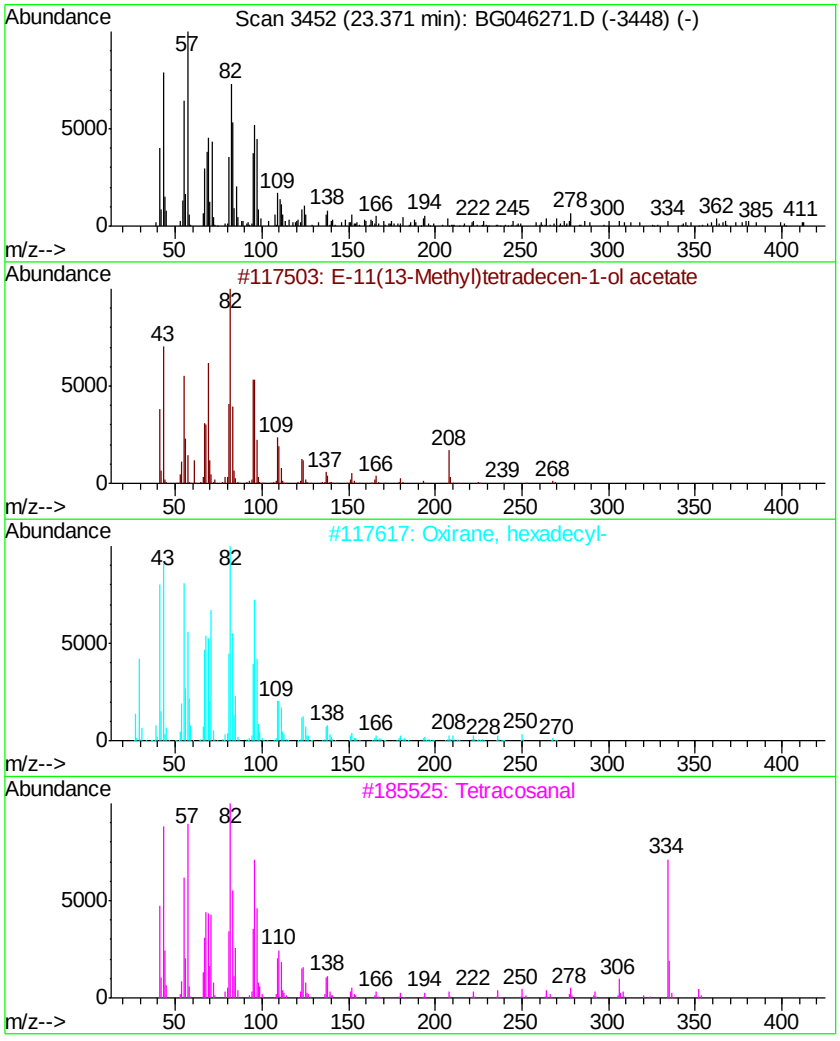
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

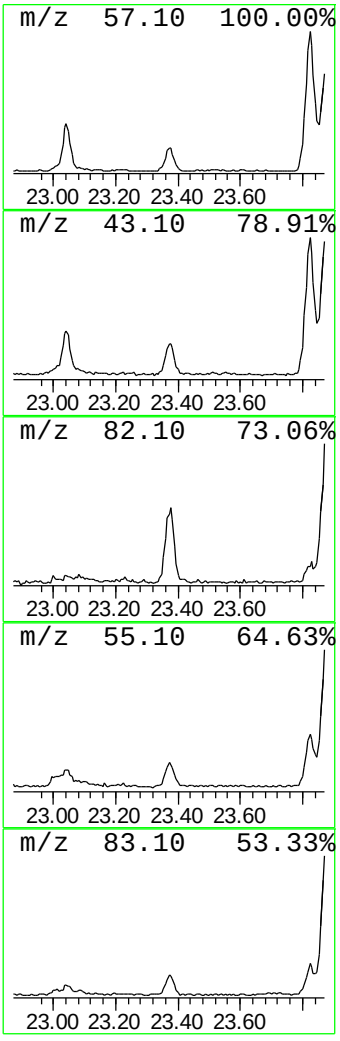
****

Peak Number 17 E-11(13-Methyl)tetradecen-1... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.37	2.63 ng/ul	244103	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-11(13-Methyl)tetradecen-1-ol a...	268	C17H32O2	1000130-80-4	95
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	94
3	Tetracosanal	352	C24H48O	057866-08-7	94
4	Octadecanal	268	C18H36O	000638-66-4	94
5	1,19-Eicosadiene	278	C20H38	014811-95-1	93





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Acq On : 14 Aug 2020 10:30
Operator : CG/JU
Sample : L3629-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM48

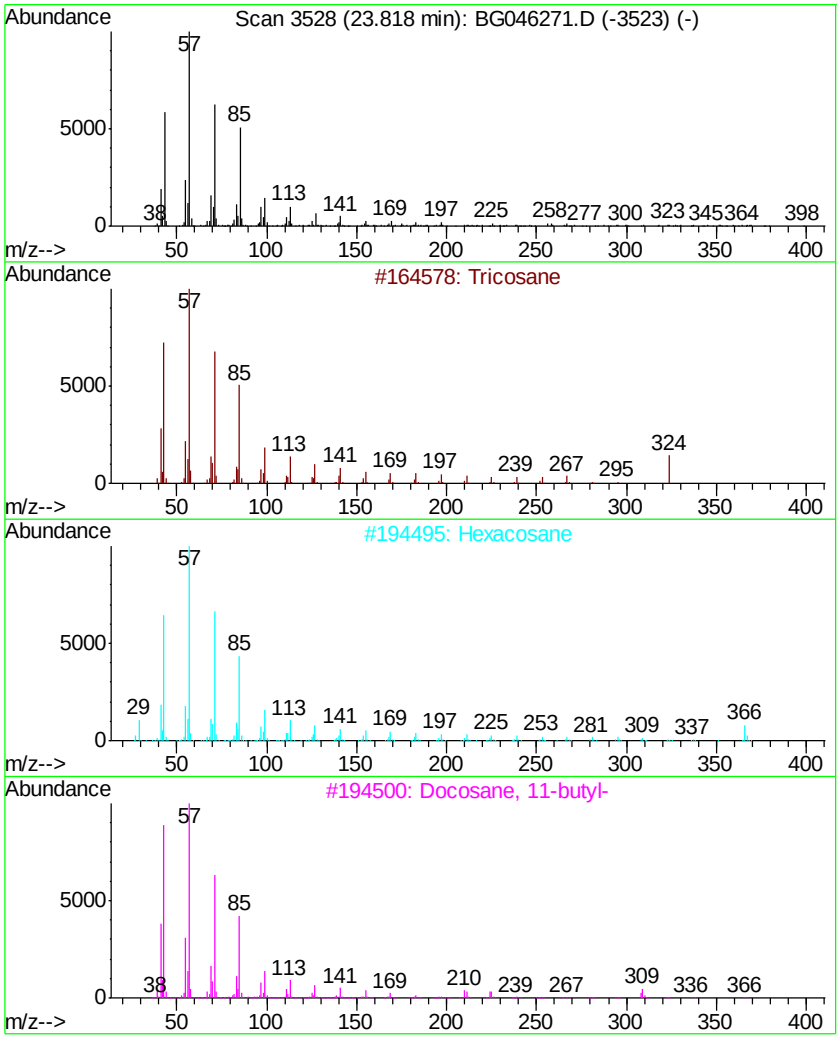
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

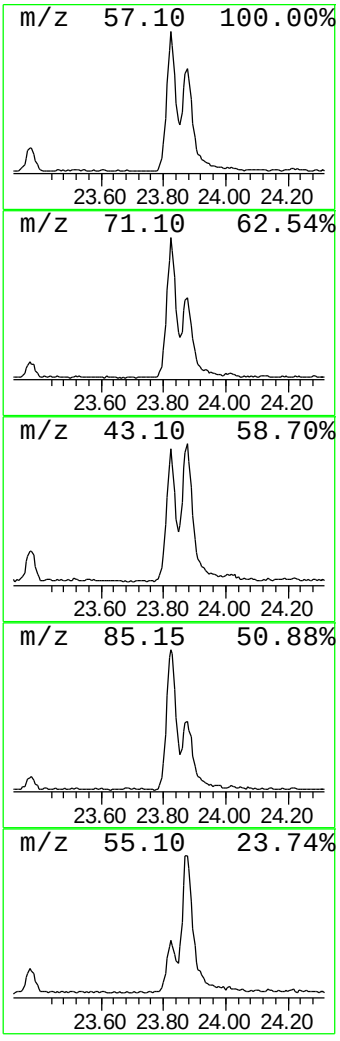
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.82	6.41 ng/ul	595334	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	95
2	Hexacosane	366	C26H54	000630-01-3	95
3	Docosane, 11-butyl-	366	C26H54	013475-76-8	95
4	Docosane, 9-butyl-	366	C26H54	055282-14-9	94
5	Tricosane, 2-methyl-	338	C24H50	001928-30-9	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046271.D
Acq On : 14 Aug 2020 10:30
Operator : CG/JU
Sample : L3629-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM48

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

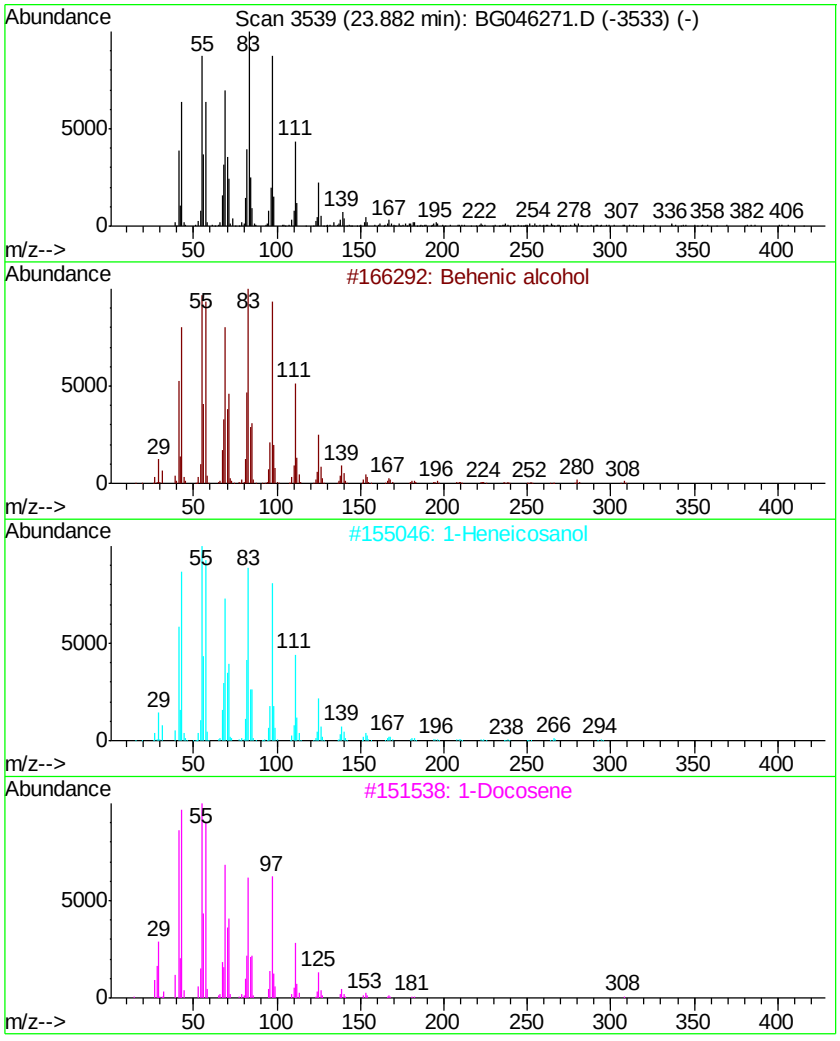
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

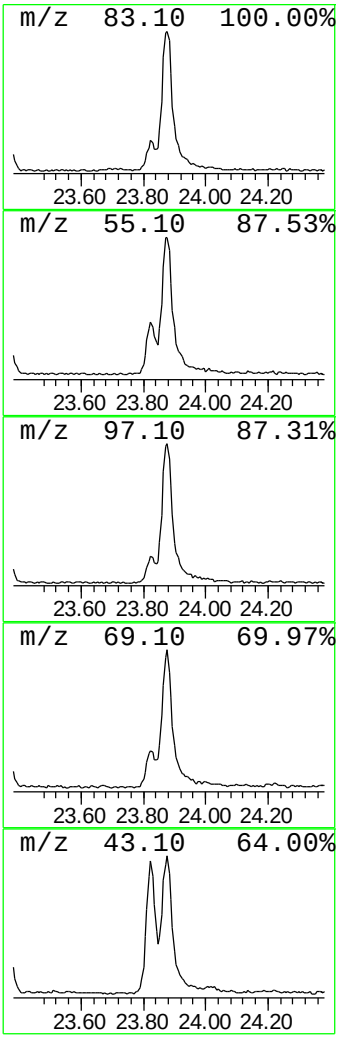
****

Peak Number 19 Behenic alcohol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.88	9.62 ng/ul	893835	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	94
2	1-Heneicosanol	312	C21H44O	015594-90-8	91
3	1-Docosene	308	C22H44	001599-67-3	83
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	81
5	1-Hexadecanol	242	C16H34O	036653-82-4	81





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Data File : BG046271.D
Acq On : 14 Aug 2020 10:30
Operator : CG/JU
Sample : L3629-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM48

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

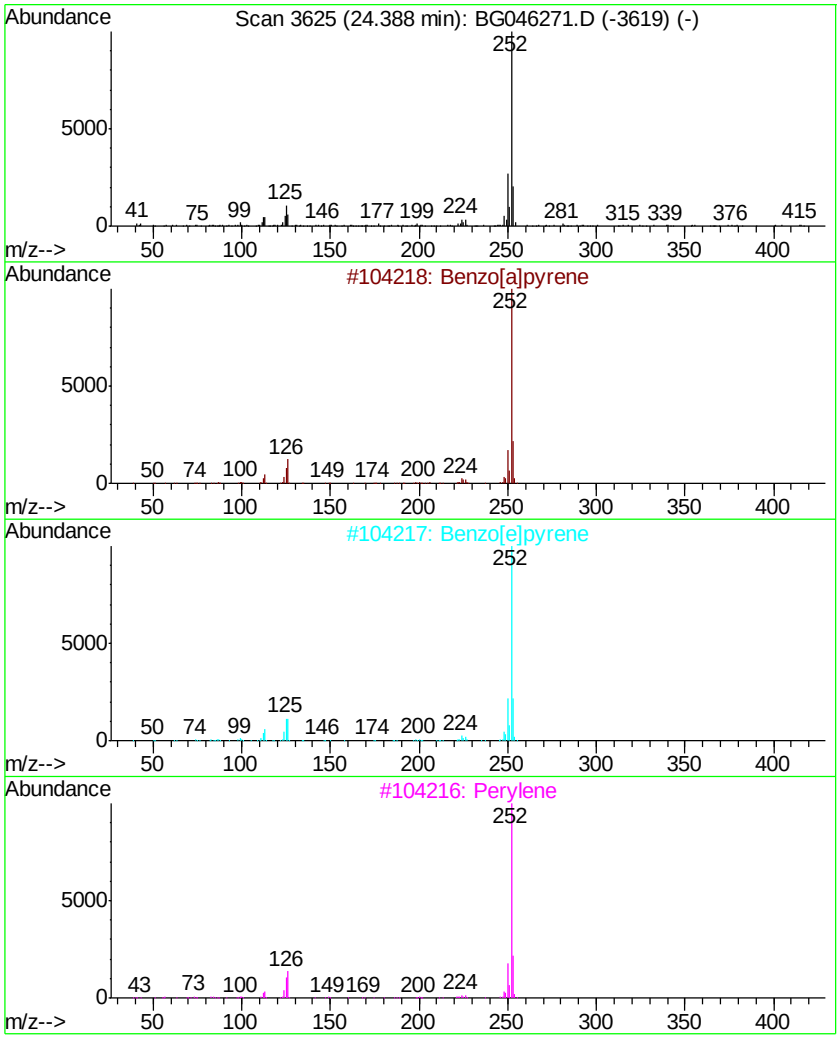
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

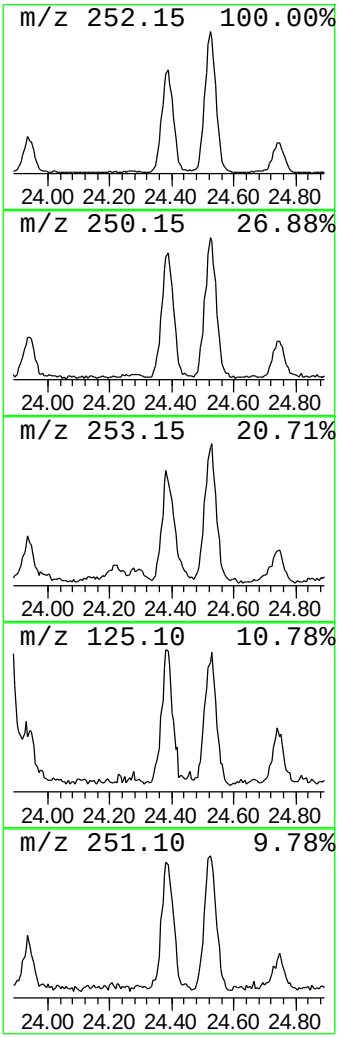
****

Peak Number 20 Benzo[e]pyrene Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.39	2.53 ng/ul	234873	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	93
2	Benzo[e]pyrene	252	C20H12	000192-97-2	90
3	Perylene	252	C20H12	000198-55-0	90
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	89
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89





Library Search Compound Report

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Data File : BG046271.D
Acq On : 14 Aug 2020 10:30
Operator : CG/JU
Sample : L3629-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM48

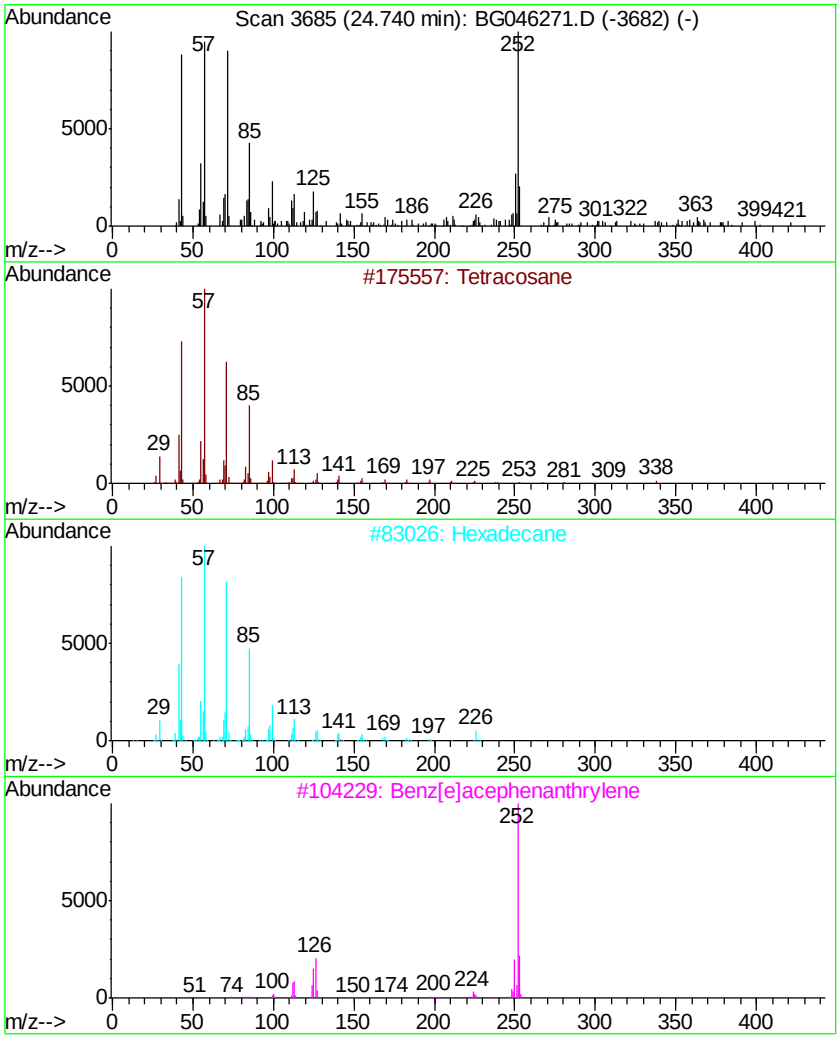
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

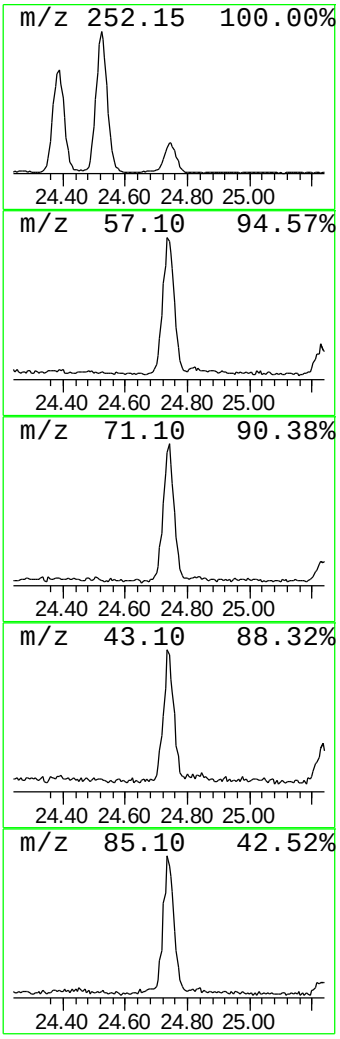
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.74	3.36 ng/ul	312636	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	64
2	Hexadecane	226	C16H34	000544-76-3	64
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	50
4	Hexadecane	226	C16H34	000544-76-3	46
5	Pentacosane	352	C25H52	000629-99-2	45





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Data File : BG046271.D
Acq On : 14 Aug 2020 10:30
Operator : CG/JU
Sample : L3629-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM48

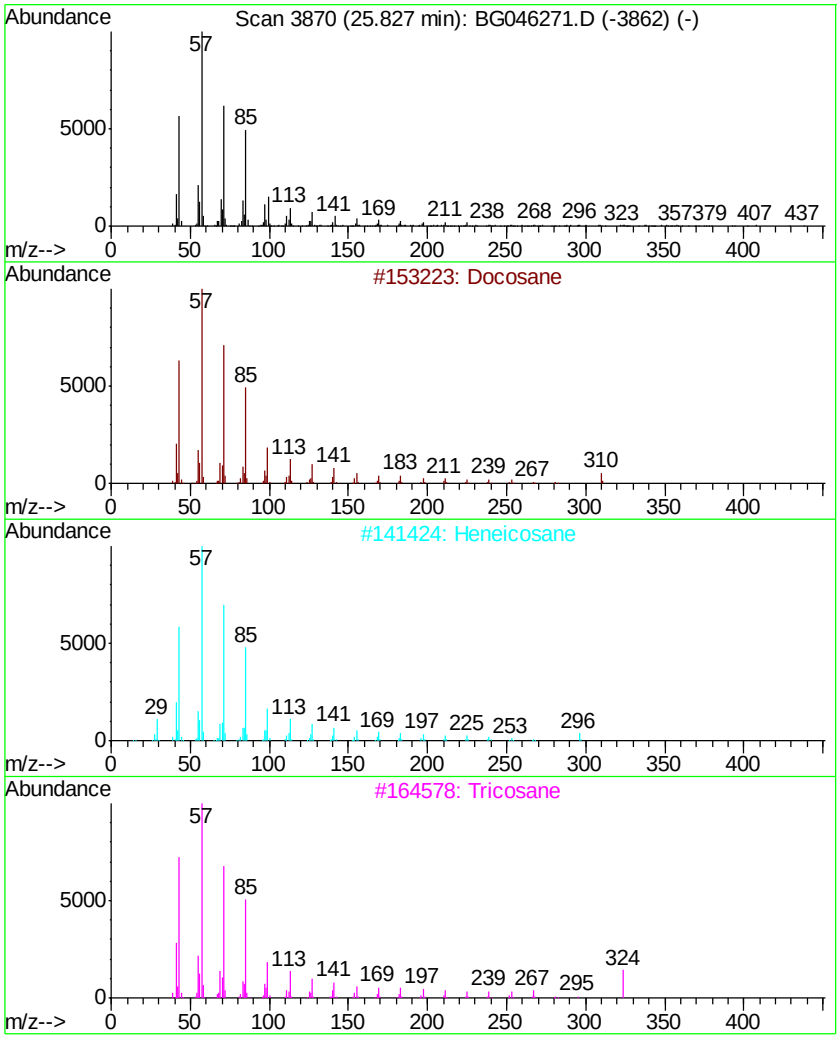
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

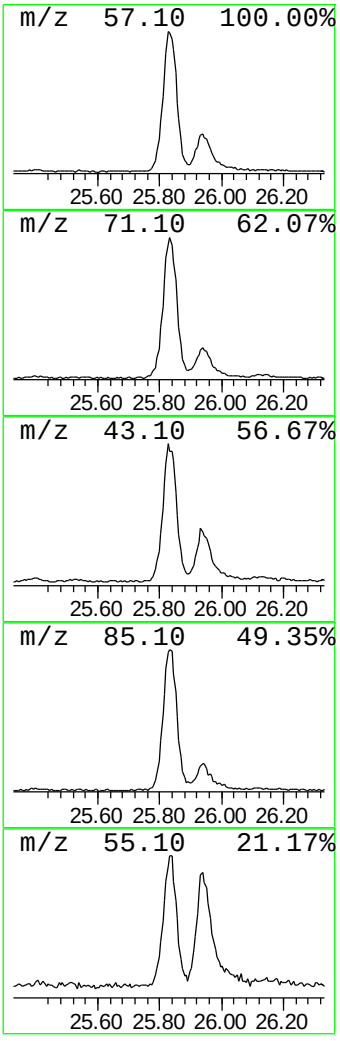
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.83	10.17 ng/ul	944685	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	98
2	Heneicosane	296	C21H44	000629-94-7	97
3	Tricosane	324	C23H48	000638-67-5	95
4	Docosane	310	C22H46	000629-97-0	95
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93





Library Search Compound Report

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Operator : CG/JU
Sample : L3629-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM48

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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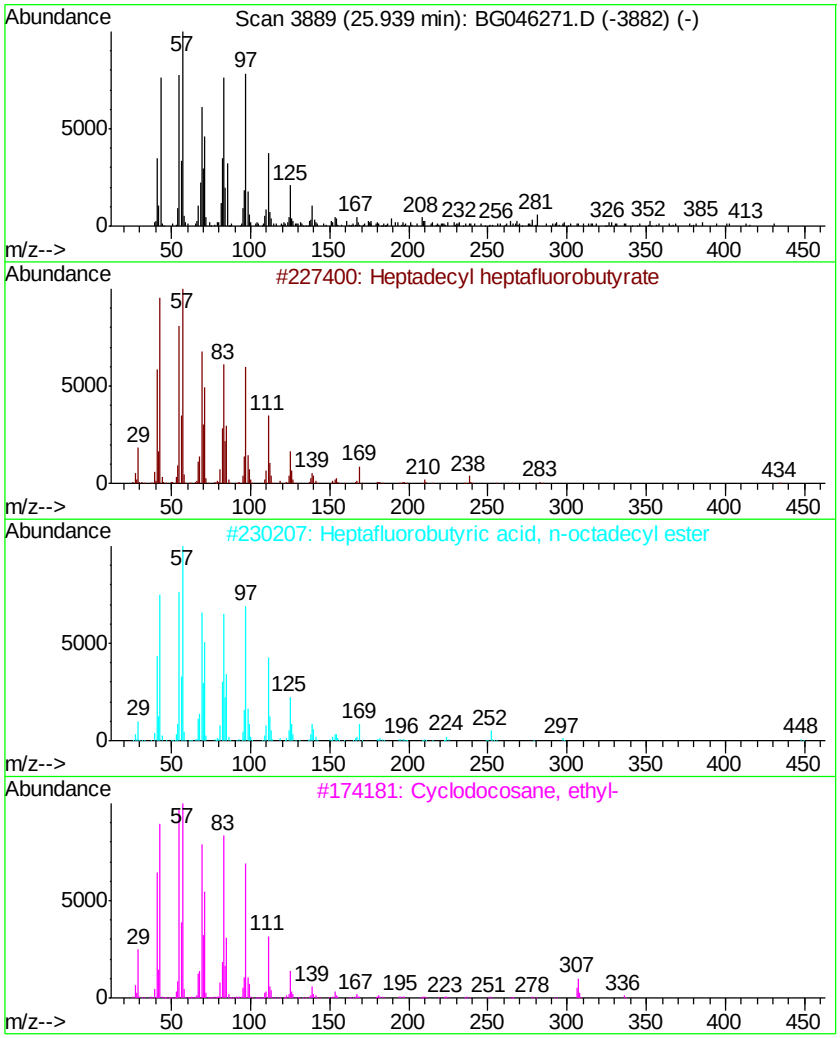
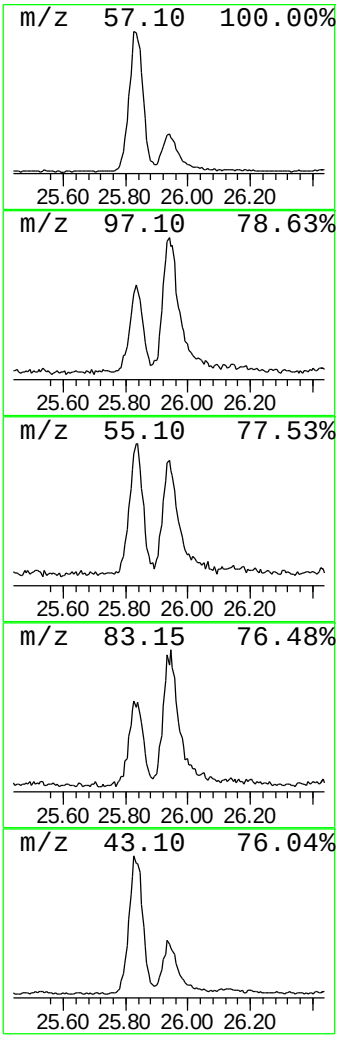
Peak Number 23 Heptadecyl heptafluorobutyrate Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.94	6.73 ng/ul	625660	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
2	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	94
3	Cyclodocosane, ethyl-	336	C24H48	1000151-22-6	93
4	1-Hexacosene	364	C26H52	018835-33-1	91
5	1-Hexacosanol	382	C26H54O	000506-52-5	91





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Operator : CG/JU
Sample : L3629-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM48

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

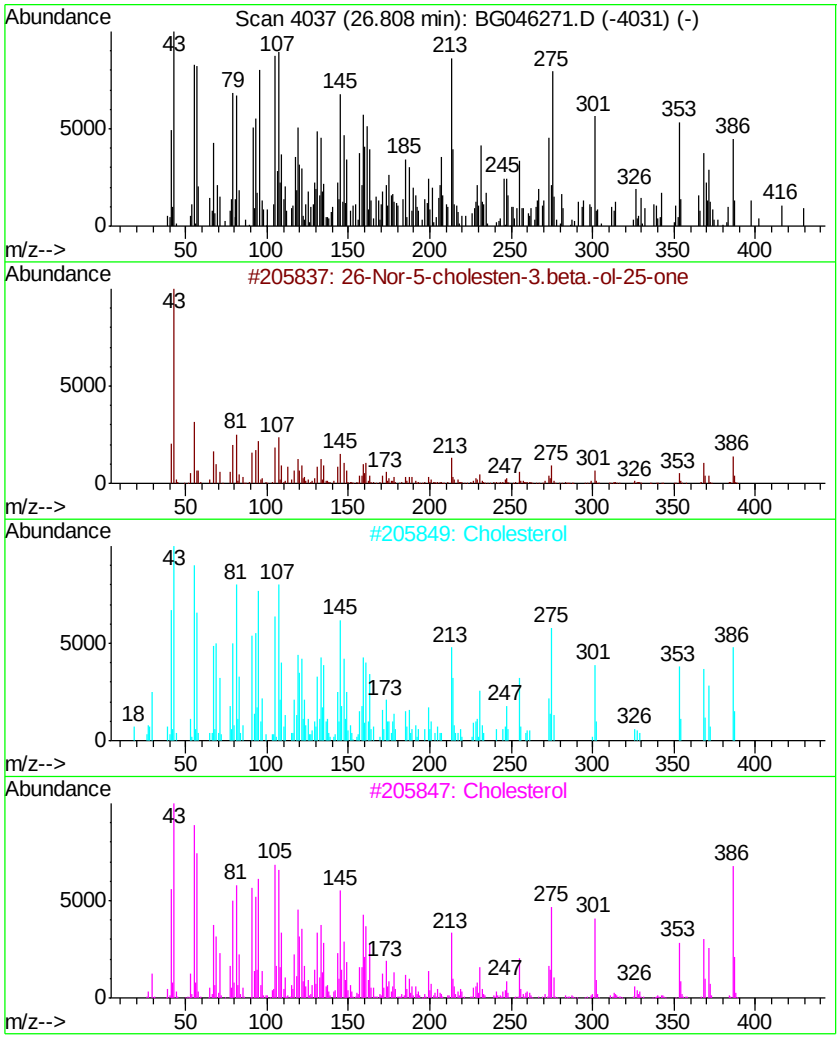
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

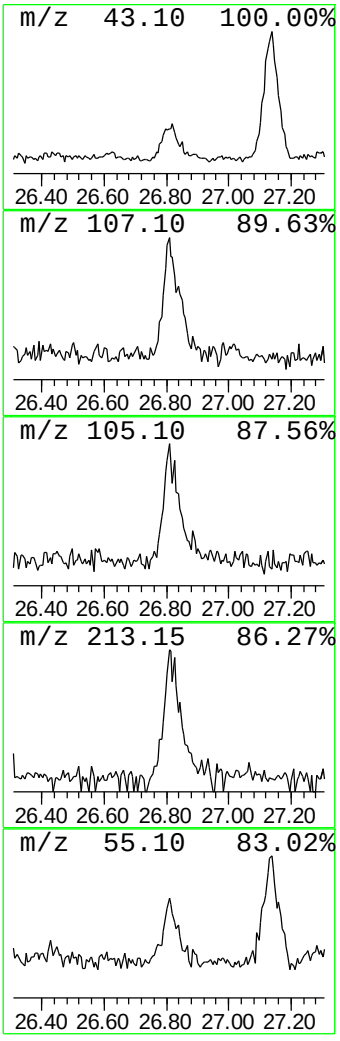
****

Peak Number 24 26-Nor-5-cholesten-3.beta.-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.81	3.95 ng/ul	367392	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	26-Nor-5-cholesten-3.beta.-ol-25...	386	C26H42O2	007494-34-0	98
2	Cholesterol	386	C27H46O	000057-88-5	96
3	Cholesterol	386	C27H46O	000057-88-5	91
4	17-(1,5-Dimethylhexyl)-10,13-dim...	386	C27H46O	1000210-38-4	83
5	26-Nor-5-cholesten-3.beta.-ol-25...	386	C26H42O2	007494-34-0	60





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Sample : L3629-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM48

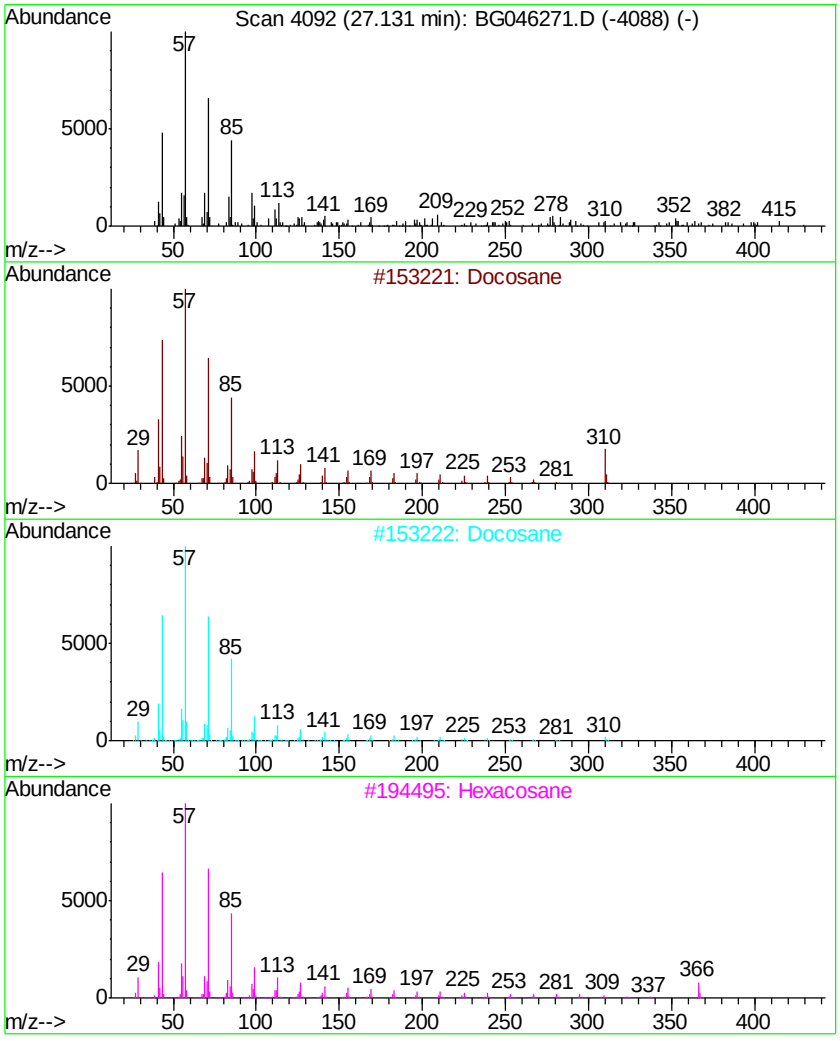
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

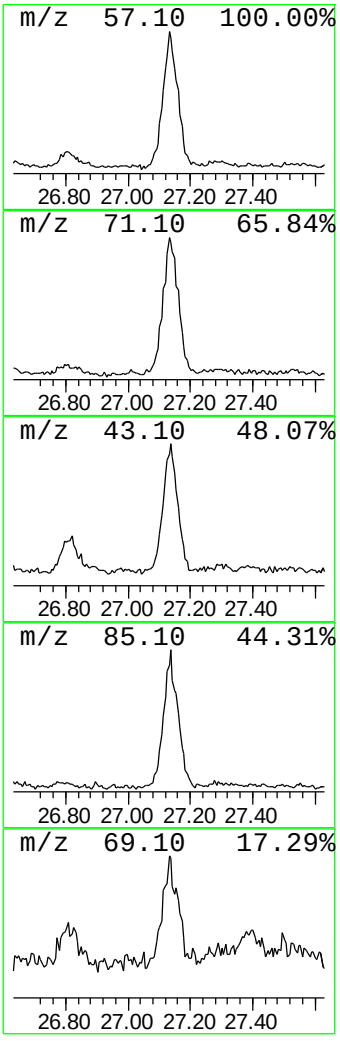
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.13	2.72 ng/ul	252691	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	89
2	Docosane	310	C22H46	000629-97-0	89
3	Hexacosane	366	C26H54	000630-01-3	89
4	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	70
5	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	68





Library Search Compound Report

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Data File : BG046271.D
Acq On : 14 Aug 2020 10:30
Operator : CG/JU
Sample : L3629-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM48

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

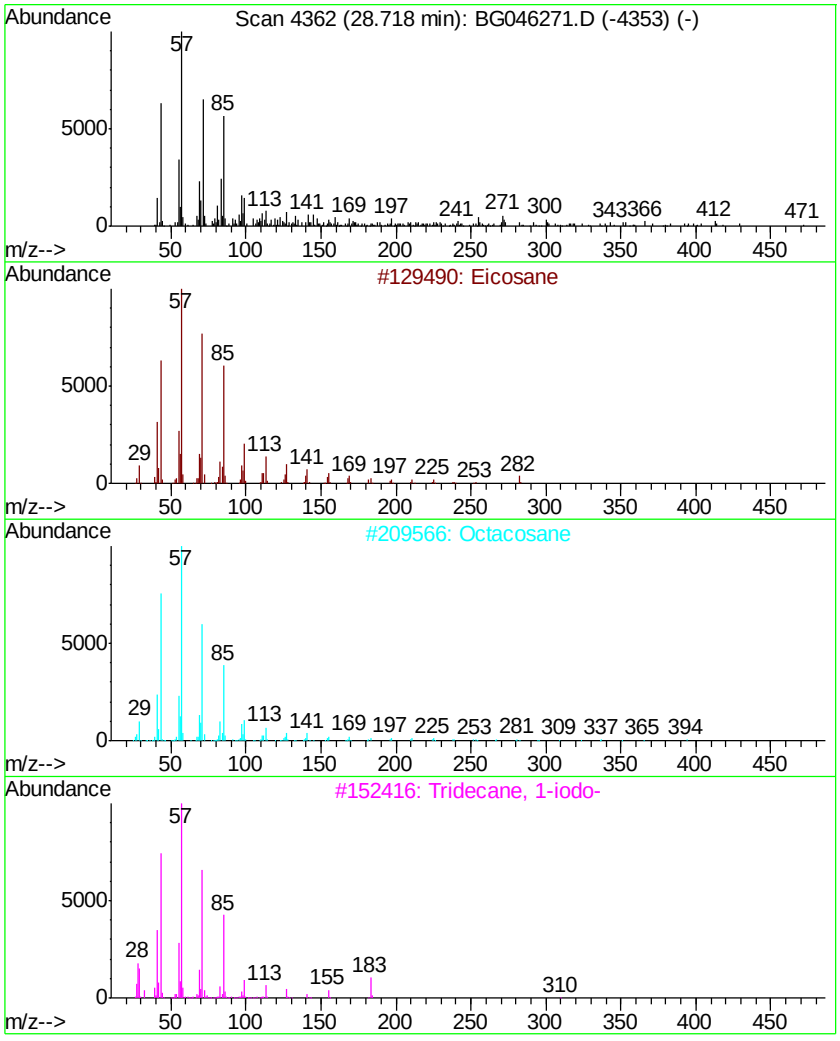
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

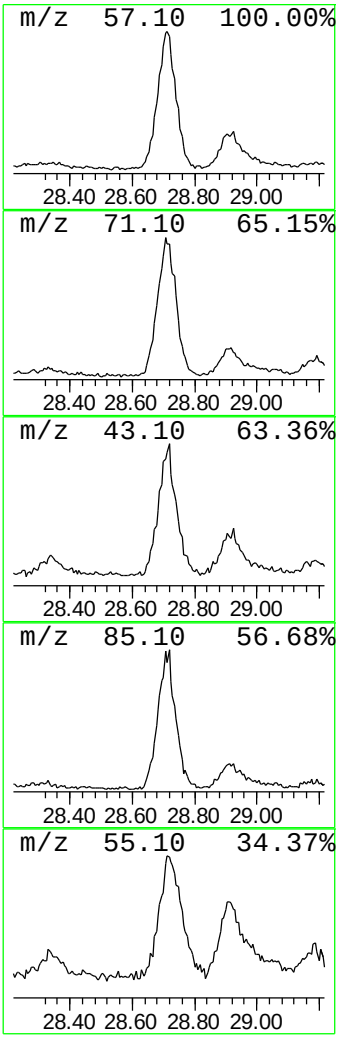
****

Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.72	8.21 ng/ul	763141	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	78
2	Octacosane	394	C28H58	000630-02-4	78
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	78
4	Heptadecane	240	C17H36	000629-78-7	78
5	Tetratetracontane	619	C44H90	007098-22-8	74





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
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Acq On : 14 Aug 2020 10:30
Operator : CG/JU
Sample : L3629-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM48

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

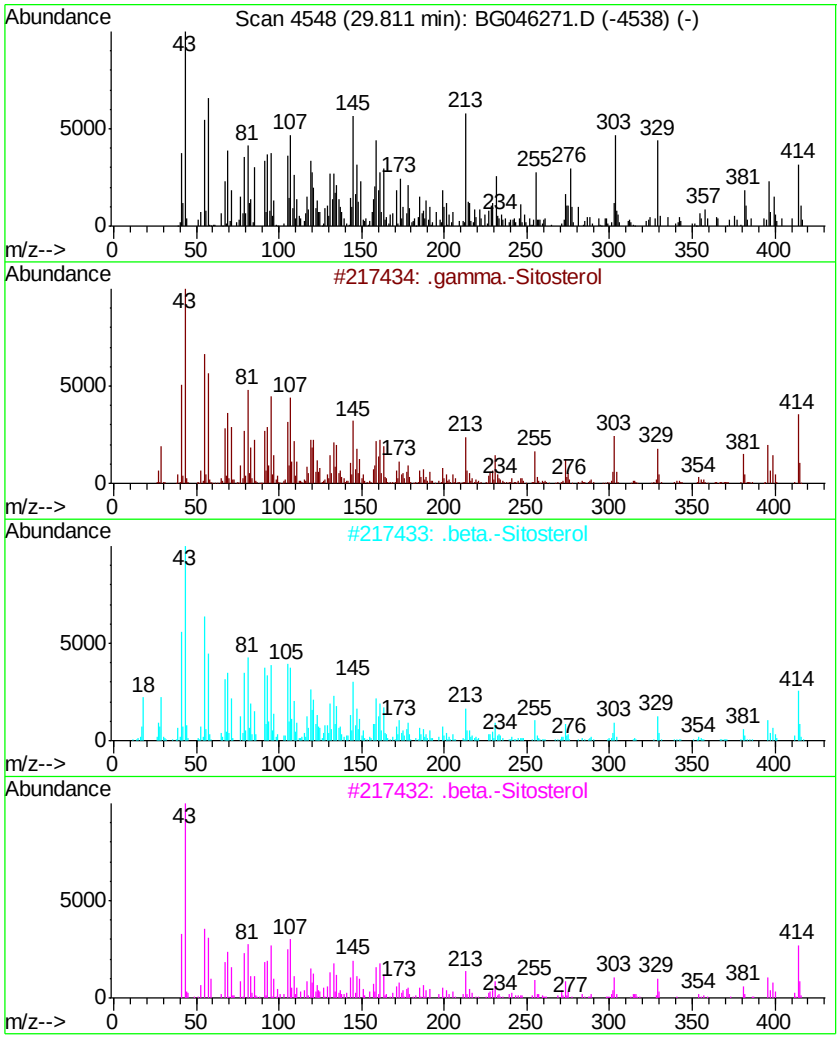
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

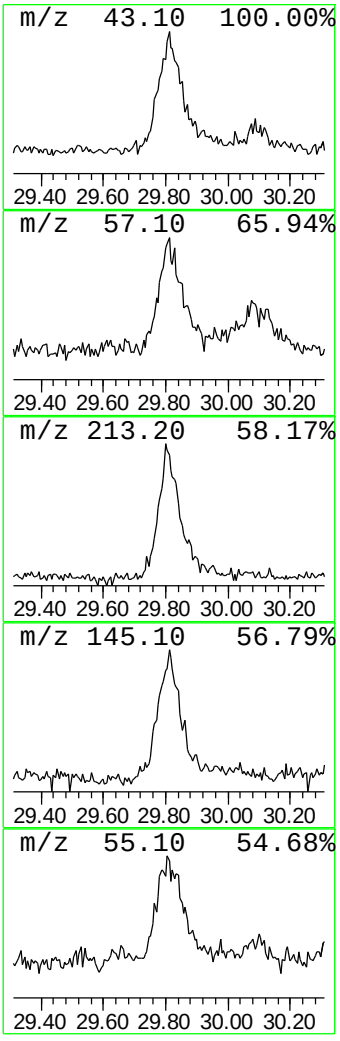
****

Peak Number 27 .gamma.-Sitosterol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.81	8.46 ng/ul	786111	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Sitosterol	414	C29H50O	000083-47-6	96
2	.beta.-Sitosterol	414	C29H50O	000083-46-5	95
3	.beta.-Sitosterol	414	C29H50O	000083-46-5	64
4	Ergost-7-en-3-ol, (3.beta.)-	400	C28H48O	026047-31-4	46
5	.gamma.-Sitosterol	414	C29H50O	000083-47-6	42





Tentatively Identified Compound (LSC) summary

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Data File : BG046271.D
Acq On : 14 Aug 2020 10:30
Operator : CG/JU
Sample : L3629-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM48

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	100.0	ng/ul	3243790	1	7.95	648761	20.0
2(3H)-Furanone, 5...	7.11	11.6	ng/ul	375166	1	7.95	648761	20.0
unknown-01	7.28	9.7	ng/ul	313567	1	7.95	648761	20.0
unknown-02	7.48	12.4	ng/ul	400588	1	7.95	648761	20.0
unknown-03	8.65	13.7	ng/ul	444729	1	7.95	648761	20.0
1H-Imidazole, 4-m...	9.10	11.3	ng/ul	366178	1	7.95	648761	20.0
unknown-04	9.82	6.5	ng/ul	304542	2	10.74	938990	20.0
unknown-05	10.87	6.3	ng/ul	296199	2	10.74	938990	20.0
unknown-06	13.98	12.0	ng/ul	792413	3	14.58	1321190	20.0
Phthalic acid, 2-...	14.02	2.5	ng/ul	166174	3	14.58	1321190	20.0
unknown-07	14.77	3.1	ng/ul	207842	3	14.58	1321190	20.0
unknown-08	15.68	3.9	ng/ul	254237	3	14.58	1321190	20.0
n-Hexadecanoic acid	18.22	7.3	ng/ul	591401	4	17.32	1622910	20.0
2-Phenanthrenol, ...	20.57	2.1	ng/ul	242622	5	21.56	2340470	20.0
(DEL) Alkane: Cyc...	21.23	5.2	ng/ul	607680	5	21.56	2340470	20.0
(DEL) Alkane: Str...	22.38	3.9	ng/ul	454597	5	21.56	2340470	20.0
E-11(13-Methyl)te...	23.37	2.6	ng/ul	244103	6	24.67	1858350	20.0
(DEL) Alkane: Str...	23.82	6.4	ng/ul	595334	6	24.67	1858350	20.0
Behenic alcohol	23.88	9.6	ng/ul	893835	6	24.67	1858350	20.0
Benzo[e]pyrene	24.39	2.5	ng/ul	234873	6	24.67	1858350	20.0
(DEL) Alkane: Str...	24.74	3.4	ng/ul	312636	6	24.67	1858350	20.0
(DEL) Alkane: Str...	25.83	10.2	ng/ul	944685	6	24.67	1858350	20.0
Heptadecyl heptaf...	25.94	6.7	ng/ul	625660	6	24.67	1858350	20.0
26-Nor-5-choleste...	26.81	4.0	ng/ul	367392	6	24.67	1858350	20.0
(DEL) Alkane: Str...	27.13	2.7	ng/ul	252691	6	24.67	1858350	20.0
(DEL) Alkane: Str...	28.72	8.2	ng/ul	763141	6	24.67	1858350	20.0
.gamma.-Sitosterol	29.81	8.5	ng/ul	786111	6	24.67	1858350	20.0