LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080917\
Data File : BG028245.D
Acq On : 10 Aug 2017 3:42
Operator : SJ/JU
Sample : I4455-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AG3

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.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	3.849	39	44	54	rVB7	8524	18321	1.28%	0.078%
2	4.578	162	168	177	rVB3	6786	11096	0.78%	0.047%
3	5.459	313	318	327	rVB5	5536	10296	0.72%	0.044%
4	6.428	479	483	495	rVB7	4171	9149	0.64%	0.039%
5	6.540	498	502	513	rVB5	4312	8030	0.56%	0.034%
6	6.887	553	561	571	rVB4	25535	43371	3.04%	0.186%
7	7.040	580	587	594	rVB	34579	58613	4.11%	0.251%
8	7.345	633	639	647	rBV2	43197	79044	5.54%	0.338%
9	7.433	647	654	659	rVV4	4181	7988	0.56%	0.034%
10	7.498	659	665	681	rVB2	179087	386667	27.09%	1.655%
11	7.668	687	694	708	rBV	134369	243704	17.08%	1.043%
12	7.886	724	731	741	rBV	177278	330159	23.13%	1.413%
13	8.356	800	811	824	rBV	211694	378485	26.52%	1.620%
14	8.485	824	833	841	rBV4	8790	16512	1.16%	0.071%
15	8.573	841	848	853	rBV4	11819	19827	1.39%	0.085%
16	9.043	921	928	935	rBV	225155	417373	29.24%	1.786%
17	9.102	935	938	948	rVV2	21068	43765	3.07%	0.187%
18	9.519	1002	1009	1019	rBV	182011	352698	24.71%	1.509%
19	10.248	1123	1133	1149	rBV	156158	304133	21.31%	1.301%
20	10.518	1167	1179	1183	rBV	20072	36853	2.58%	0.158%
21	10.571	1183	1188	1197	rVB5	55876	112996	7.92%	0.484%
22	10.712	1206	1212	1216	rBV4	5247	8881	0.62%	0.038%
23	10.788	1216	1225	1239	rVB	248888	480643	33.68%	2.057%
24	10.935	1244	1250	1258	rBV2	17402	34949	2.45%	0.150%
25	11.170	1282	1290	1304	rVB	316882	590658	41.39%	2.528%
26	11.305	1304	1313	1329	rBV3	76352	183979	12.89%	0.787%
27	12.492	1505	1515	1521	rBV2	56940	88635	6.21%	0.379%
28	12.610	1527	1535	1541	rBV6	6422	10586	0.74%	0.045%
29	13.309	1647	1654	1660	rBV4	5542	12092	0.85%	0.052%
30	13.550	1691	1695	1702	rVB5	5531	9871	0.69%	0.042%
31	13.826	1736	1742	1749	rVB5	5625	9693	0.68%	0.041%
32	14.278	1810	1819	1824	rVB4	22266	35704	2.50%	0.153%
33	14.349	1824	1831	1835	rBV	549108	793105	55.57%	3.394%
34	14.396	1835	1839	1849	rVB	266686	397510	27.85%	1.701%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080917\
Data File : BG028245.D
Acq On : 10 Aug 2017 3:42
Operator : SJ/JU
Sample : I4455-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AG3

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Title : SVOA CALIBRATION

35	14.654	1872	1883	1893	rVB	548962	899925	63.06%	3.851%
36	14.813	1907	1910	1917	rVB4	7906	11813	0.83%	0.051%
37	14.960	1917	1935	1948	rBV2	529676	905363	63.44%	3.874%
38	15.154	1963	1968	1981	rBV6	29256	88141	6.18%	0.377%
39	15.300	1987	1993	2000	rBV6	12923	23620	1.66%	0.101%
40	15.359	2000	2003	2007	rVB5	6052	9408	0.66%	0.040%
41	15.759	2066	2071	2076	rVB2	14356	23146	1.62%	0.099%
42	15.947	2093	2103	2111	rBV	745959	1146534	80.34%	4.906%
43	16.058	2116	2122	2132	rVB2	63164	107074	7.50%	0.458%
44	16.188	2132	2144	2151	rBV7	14632	34628	2.43%	0.148%
45	16.382	2172	2177	2182	rVV6	4464	7551	0.53%	0.032%
46	16.622	2214	2218	2228	rBV	18375	34563	2.42%	0.148%
47	16.793	2240	2247	2250	rBV4	2956	7459	0.52%	0.032%
48	16.993	2273	2281	2289	rBV7	3449	12291	0.86%	0.053%
49	17.410	2350	2352	2359	rBV3	9869	14278	1.00%	0.061%
50	17.492	2359	2366	2372	rVB6	5733	10024	0.70%	0.043%
51	17.709	2395	2403	2413	rBV2	711492	1141108	79.96%	4.883%
52	17.803	2413	2419	2430	rVB	754203	1204263	84.38%	5.153%
53	17.950	2439	2444	2449	rVB5	5076	9041	0.63%	0.039%
54	18.027	2449	2457	2462	rBV3	7165	14723	1.03%	0.063%
55	18.156	2476	2479	2484	rBV3	7858	12003	0.84%	0.051%
56	18.338	2505	2510	2516	rBV4	48275	69308	4.86%	0.297%
57	18.456	2522	2530	2535	rBV7	5103	12583	0.88%	0.054%
58	18.561	2541	2548	2567	rBV3	91964	225017	15.77%	0.963%
59	18.832	2591	2594	2602	rBV5	5315	10874	0.76%	0.047%
60	18.937	2606	2612	2613	rBV5	6139	9123	0.64%	0.039%
61	18.967	2614	2617	2624	rVB5	10544	15317	1.07%	0.066%
62	19.078	2633	2636	2643	rVB8	5840	10197	0.71%	0.044%
63	19.208	2655	2658	2666	rBV8	6991	10936	0.77%	0.047%
64	19.496	2696	2707	2719	rVB3	228481	334004	23.40%	1.429%
65	19.707	2734	2743	2755	rBV8	18583	52874	3.70%	0.226%
66	19.813	2756	2761	2776	rBV3	89796	162782	11.41%	0.697%
67	19.924	2776	2780	2783	rBV5	22259	30052	2.11%	0.129%
68	19.960	2784	2786	2794	rVB4	26591	37309	2.61%	0.160%
69	20.077	2800	2806	2814	rVB	979406	1427165	100.00%	6.107%
70	20.265	2835	2838	2840	rBV4	5598	8053	0.56%	0.034%
71	20.559	2882	2888	2893	rBV	121884	146892	10.29%	0.629%

LSC Area Percent Report

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Acq On : 10 Aug 2017 3:42
Operator : SJ/JU
Sample : I4455-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AG3

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Title : SVOA CALIBRATION

72	20.747	2916	2920	2926	rVB7	14476	21075	1.48%	0.090%
73	20.906	2942	2947	2950	rBV7	11216	15452	1.08%	0.066%
74	21.064	2966	2974	2981	rBV7	25109	63157	4.43%	0.270%
75	21.370	3023	3026	3037	rVB6	21140	59796	4.19%	0.256%
76	21.605	3059	3066	3076	rBV	277664	471676	33.05%	2.018%
77	22.034	3131	3139	3150	rBV	716241	1264376	88.59%	5.411%
78	22.169	3157	3162	3171	rBV8	25510	64083	4.49%	0.274%
79	22.845	3269	3277	3310	rBV	359407	890263	62.38%	3.810%
80	23.585	3397	3403	3411	rVB2	33300	70125	4.91%	0.300%
81	23.667	3413	3417	3422	rVB8	12398	23576	1.65%	0.101%
82	23.967	3464	3468	3478	rBV8	9403	25913	1.82%	0.111%
83	24.460	3542	3552	3563	rBV	349196	764520	53.57%	3.272%
84	24.548	3563	3567	3568	rBV4	12904	17357	1.22%	0.074%
85	24.695	3586	3592	3605	rVB9	25072	85290	5.98%	0.365%
86	25.301	3682	3695	3708	rVB2	416065	1308256	91.67%	5.599%
87	25.541	3718	3736	3756	rVB2	384687	1372608	96.18%	5.874%
88	26.070	3818	3826	3836	rVB2	13864	47025	3.29%	0.201%
89	26.611	3908	3918	3925	rBV2	15704	55671	3.90%	0.238%
90	26.717	3926	3936	3949	rVB3	88288	289024	20.25%	1.237%
91	26.869	3949	3962	3981	rBV3	234578	916482	64.22%	3.922%
92	27.069	3993	3996	4006	rVB8	20489	52339	3.67%	0.224%
93	27.210	4013	4020	4027	rVB8	13747	38927	2.73%	0.167%
94	28.191	4176	4187	4202	rBV5	45942	176552	12.37%	0.756%
95	29.983	4479	4492	4505	rVB5	37381	152788	10.71%	0.654%
96	31.282	4697	4713	4716	rBV5	42244	180499	12.65%	0.772%
97	31.517	4742	4753	4771	rVB5	20810	119425	8.37%	0.511%
98	31.922	4805	4822	4841	rVB5	89051	528051	37.00%	2.260%
99	32.122	4846	4856	4867	rBV8	19971	86579	6.07%	0.371%
100	32.639	4922	4944	4945	rBV10	86128	382260	26.78%	1.636%

Sum of corrected areas: 23367973

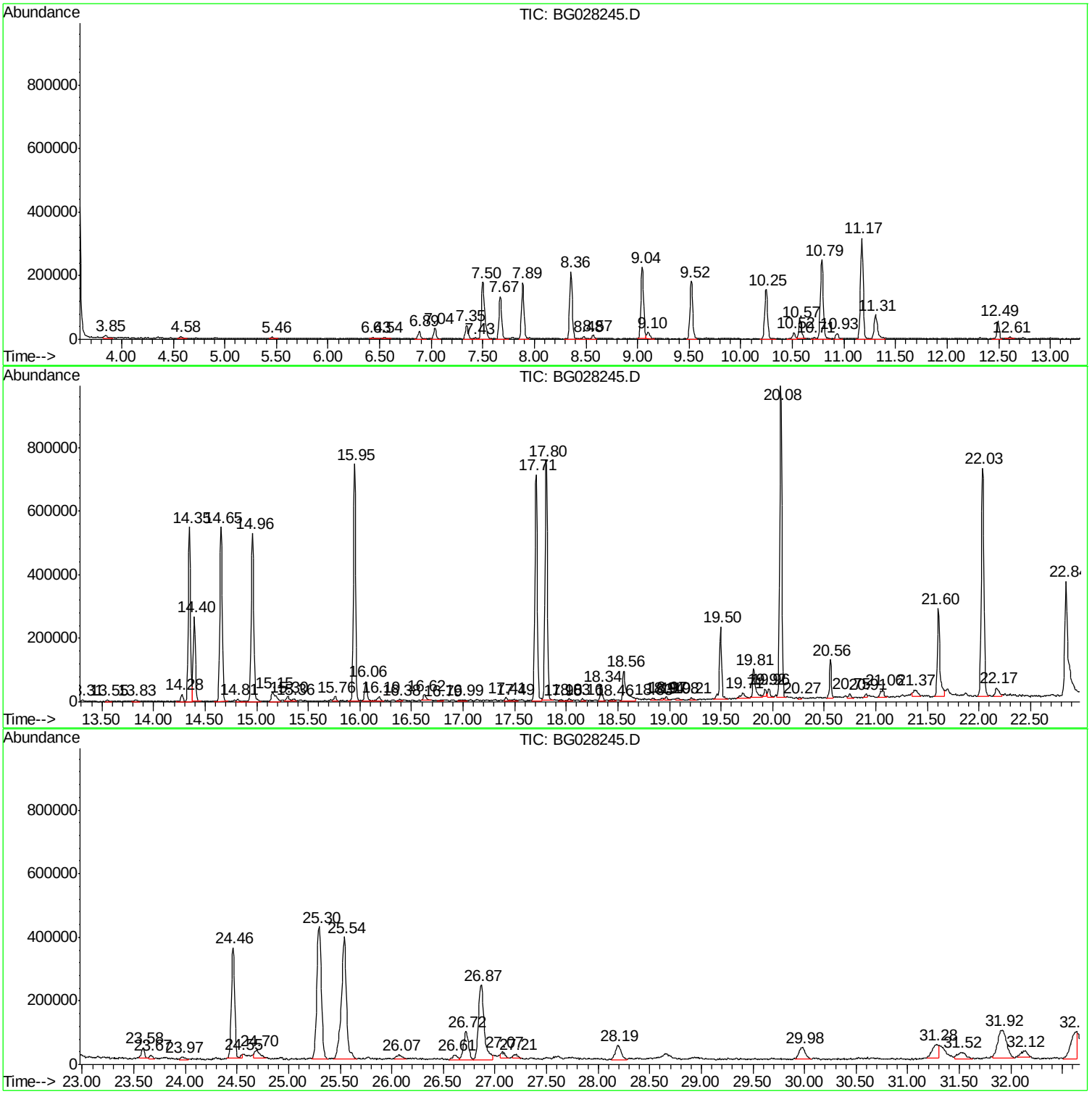
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080917\
Data File : BG028245.D
Acq On : 10 Aug 2017 3:42
Operator : SJ/JU
Sample : I4455-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AG3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080917\
Data File : BG028245.D
Acq On : 10 Aug 2017 3:42
Operator : SJ/JU
Sample : I4455-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AG3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

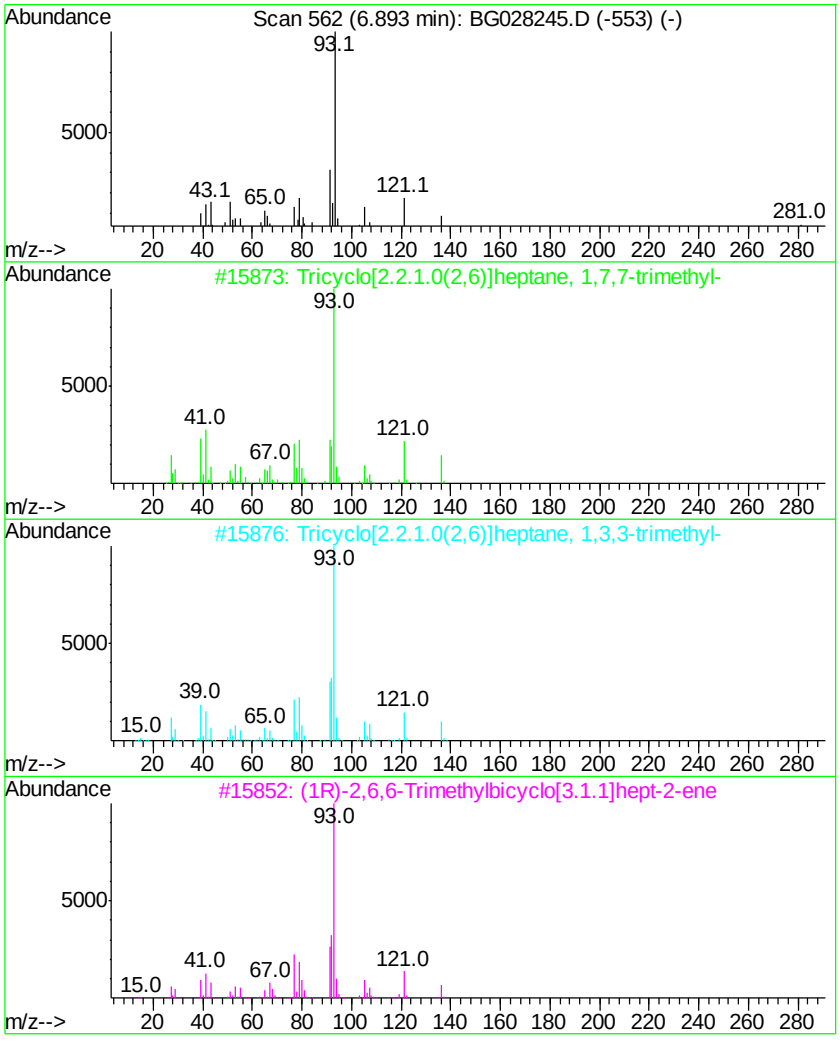
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

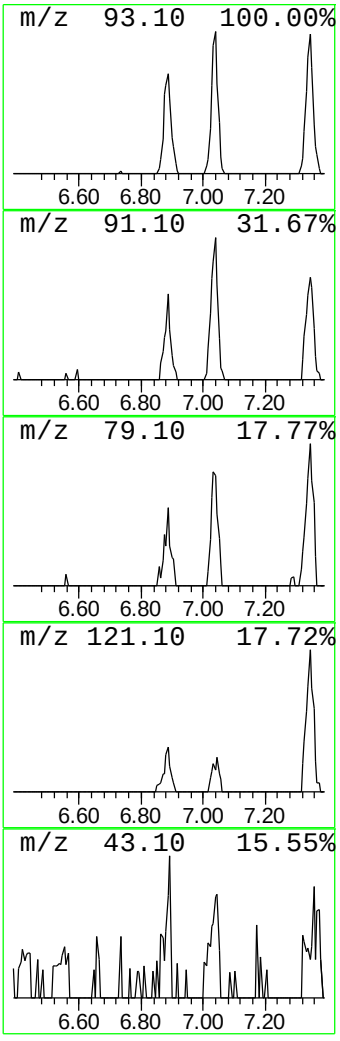
****

Peak Number 1 Tricyclo[2.2.1.0(2,6)]hepta... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.89	2.29 ng/ul	43371	1,4-Dichlorobenzene-d4	8.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	87
2	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000488-97-1	80
3	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	80
4	1,3,7-Octatriene, 3,7-dimethyl-	136	C10H16	000502-99-8	80
5	Cyclopropane, 1,1-dimethyl-2-(3-...	136	C10H16	068998-21-0	78





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080917\
Data File : BG028245.D
Acq On : 10 Aug 2017 3:42
Operator : SJ/JU
Sample : I4455-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AG3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

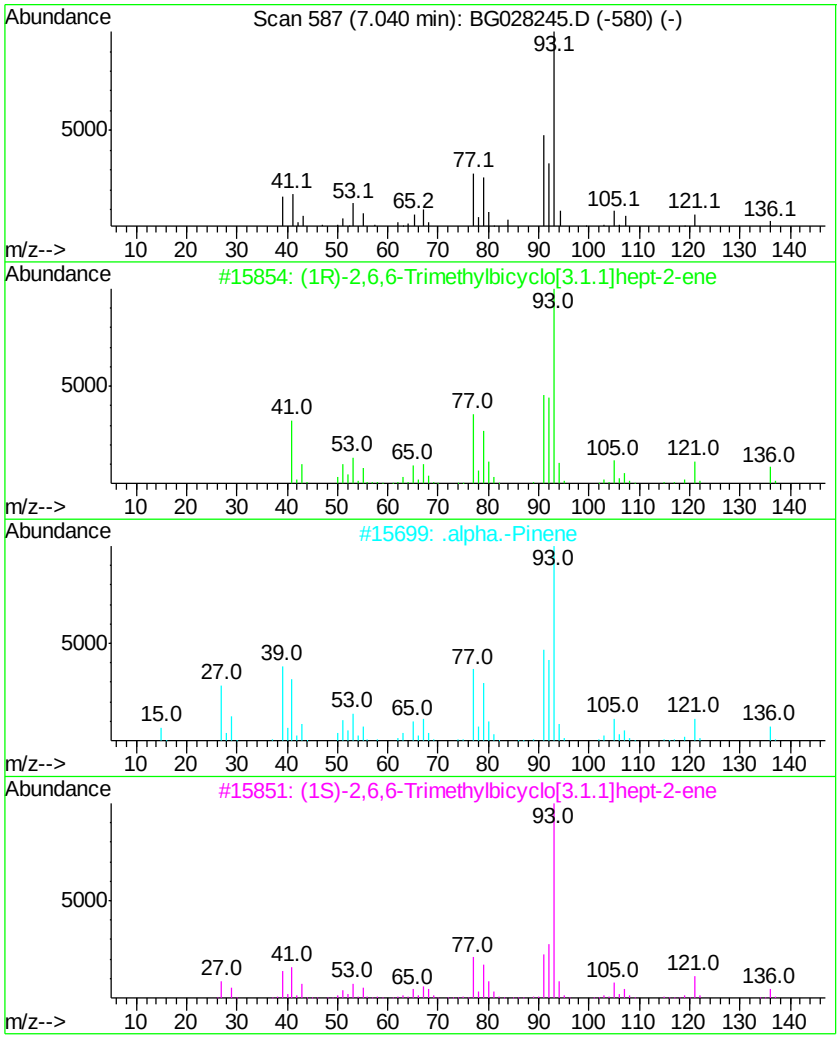
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

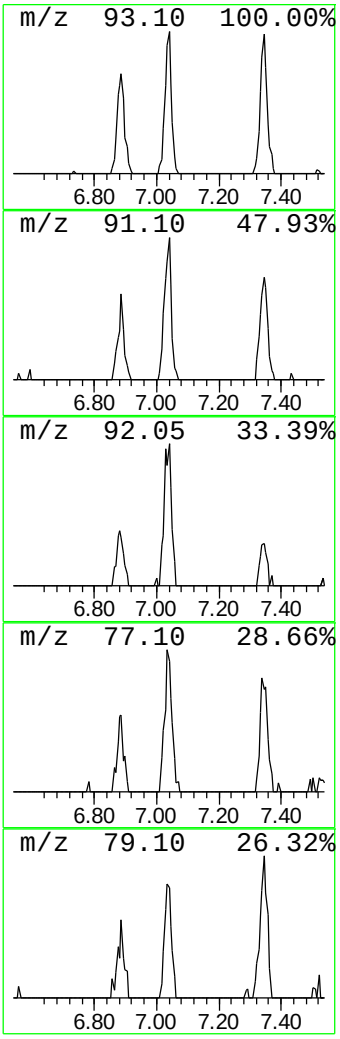
****

Peak Number 2 (1R)-2,6,6-Trimethylbicyclo... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.04	3.10 ng/ul	58613	1,4-Dichlorobenzene-d4	8.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	95
2	.alpha.-Pinene	136	C10H16	000080-56-8	94
3	(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	91
4	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	91
5	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080917\
Data File : BG028245.D
Acq On : 10 Aug 2017 3:42
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Sample : I4455-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AG3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

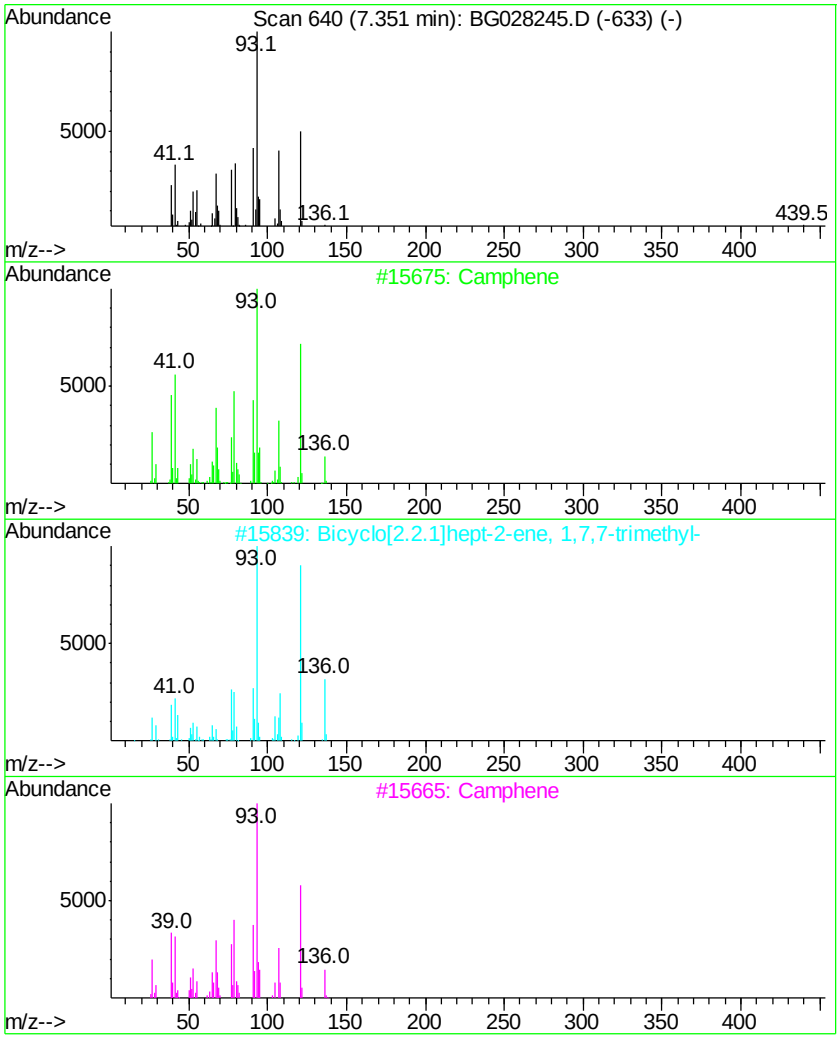
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

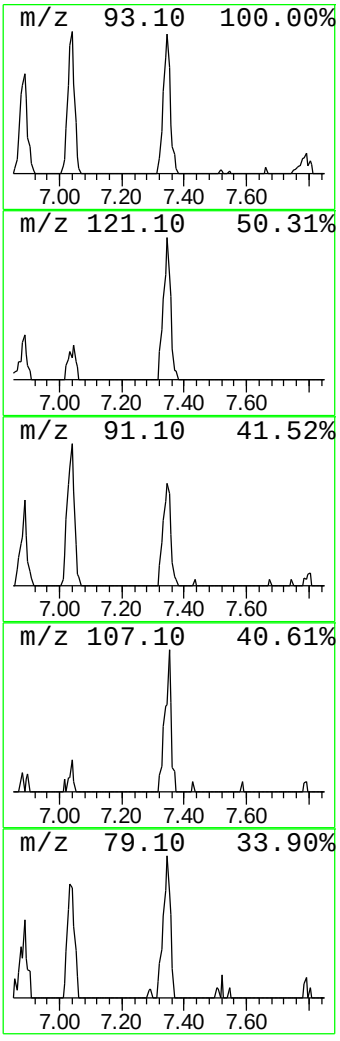
****

Peak Number 3 Camphene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.35	4.18 ng/ul	79044	1,4-Dichlorobenzene-d4	8.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Camphene	136	C10H16	000079-92-5	76
2	Bicyclo[2.2.1]hept-2-ene, 1,7,7-...	136	C10H16	000464-17-5	64
3	Camphene	136	C10H16	000079-92-5	64
4	1,3,6-Heptatriene, 2,5,5-trimethyl-	136	C10H16	029548-02-5	60
5	Bicyclo[2.2.1]heptane, 2,2-dimet...	136	C10H16	005794-04-7	59





Data Path : Z:\HPCHEM1\BNA G\DATA\BG080917\
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Acq On : 10 Aug 2017 3:42
Operator : SJ/JU
Sample : I4455-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AG3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

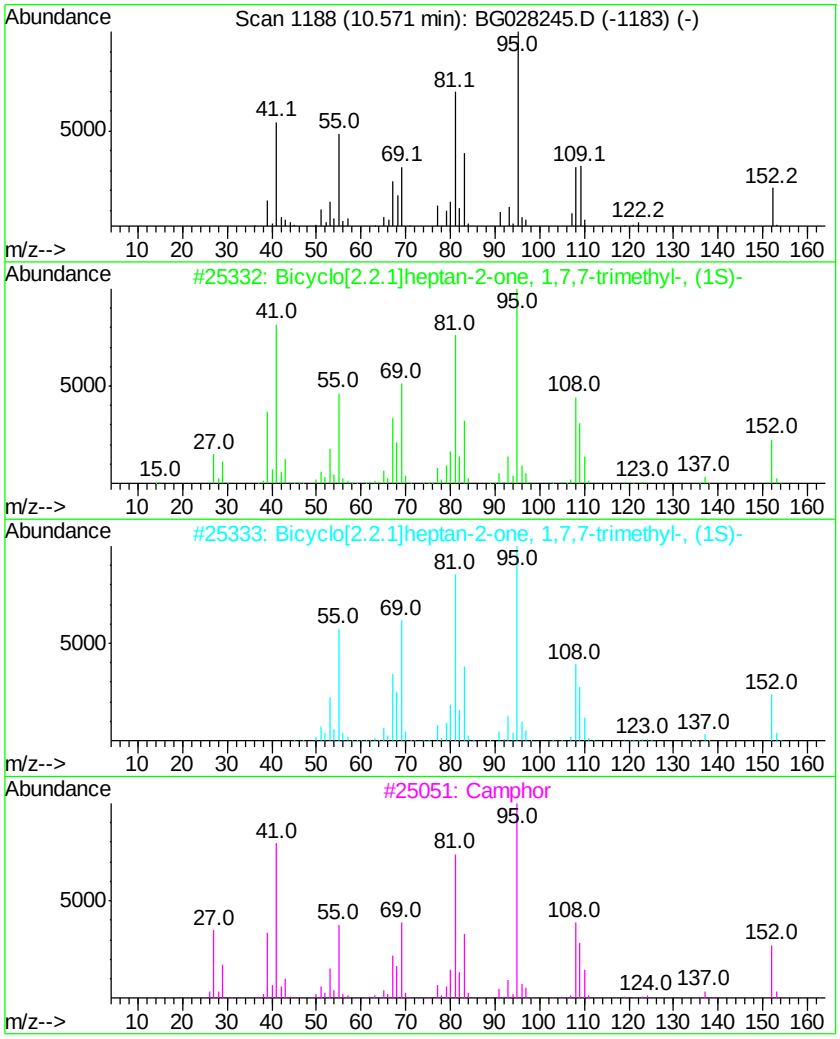
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

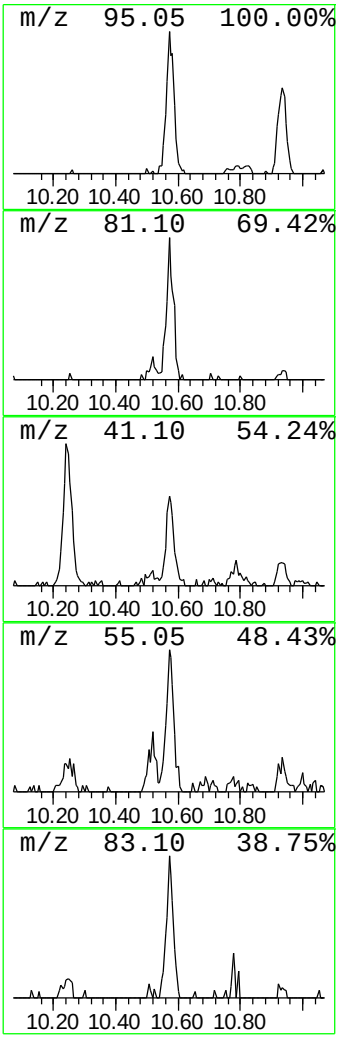
****

Peak Number 4 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.57	3.83 ng/ul	112996	Naphthalene-d8	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	93
2	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	93
3	Camphor	152	C10H16O	000076-22-2	91
4	(+)-2-Bornanone	152	C10H16O	000464-49-3	91
5	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	87





Data Path : Z:\HPCHEM1\BNA G\DATA\BG080917\
Data File : BG028245.D
Acq On : 10 Aug 2017 3:42
Operator : SJ/JU
Sample : I4455-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AG3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

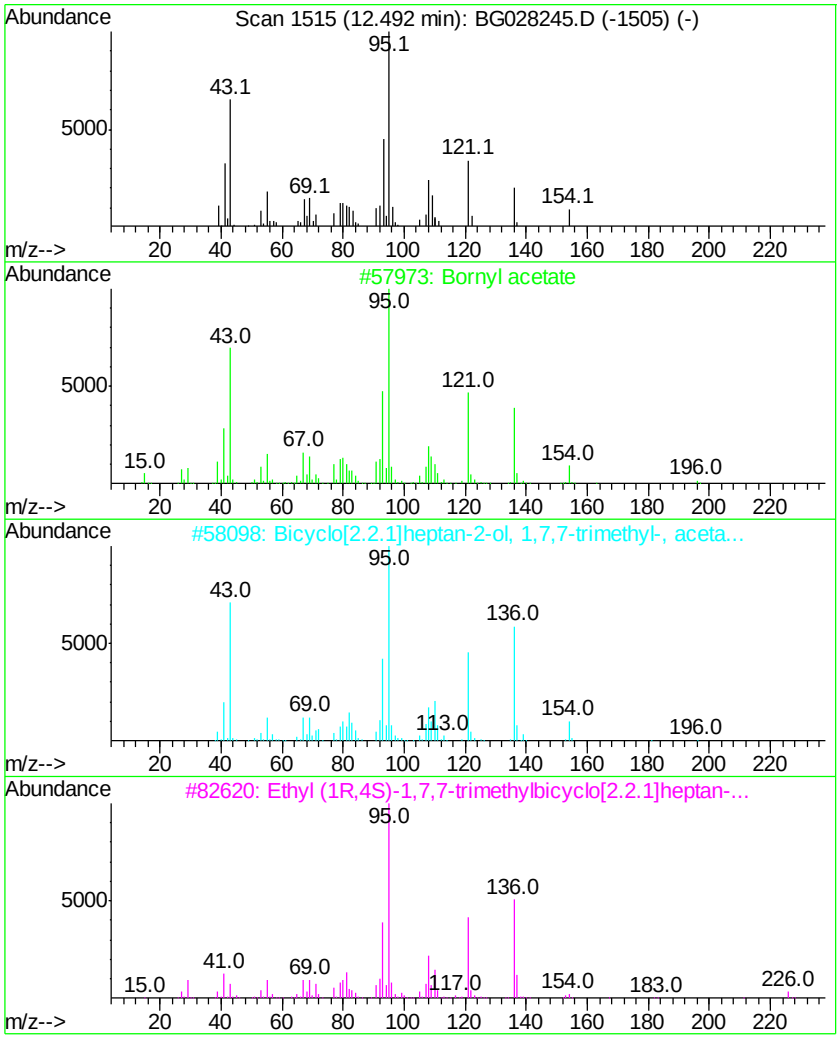
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

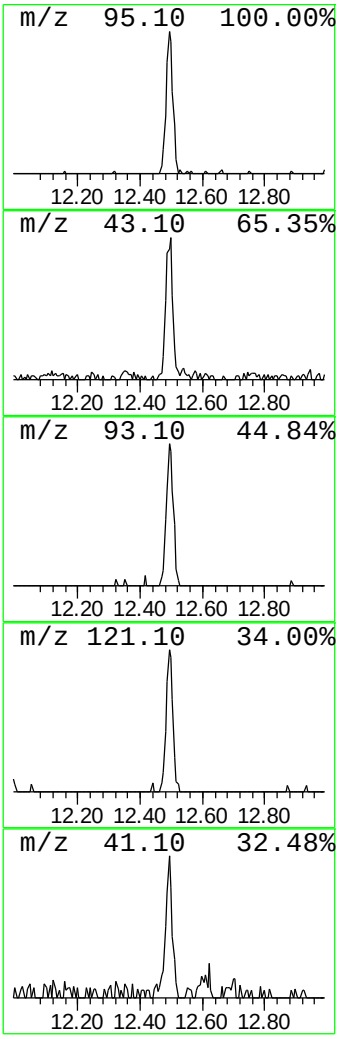
****

Peak Number 5 Bornyl acetate Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	3.00 ng/ul	88635	Naphthalene-d8	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bornyl acetate	196	C12H20O2	000076-49-3	78
2	Bicyclo[2.2.1]heptan-2-ol, 1,7,7...	196	C12H20O2	005655-61-8	64
3	Ethyl (1R,4S)-1,7,7-trimethylbic...	226	C13H22O3	1000373-77-2	64
4	Bicyclo[2.2.1]heptan-2-ol, 1,7,7...	182	C11H18O2	007492-41-3	59
5	Acetic acid, 1,7,7-trimethyl-bic...	196	C12H20O2	092618-89-8	50





Library Search Compound Report

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Data File : BG028245.D
Acq On : 10 Aug 2017 3:42
Operator : SJ/JU
Sample : I4455-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AG3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

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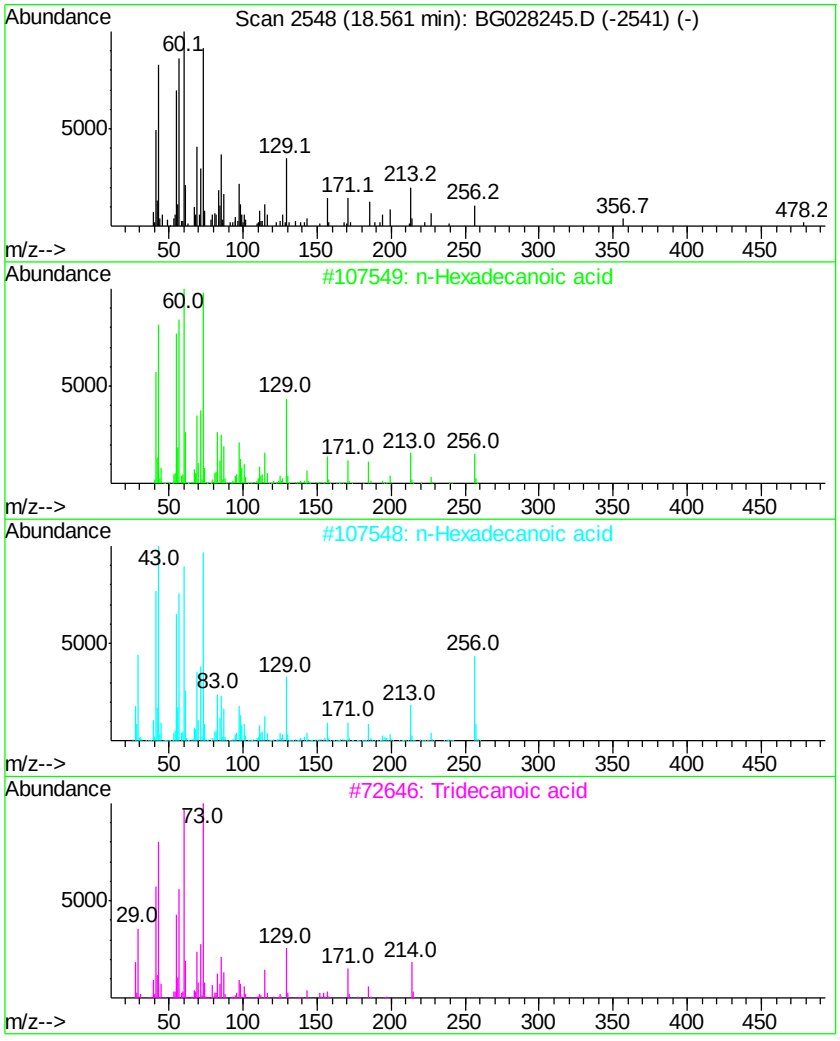
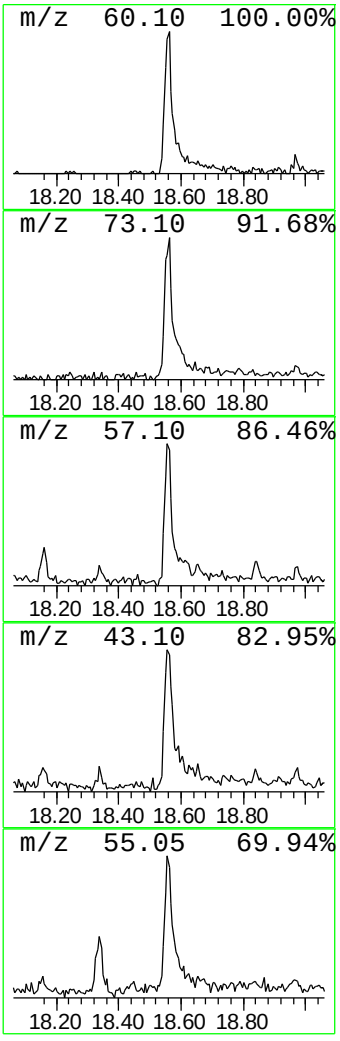
Peak Number 6 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.56	3.94 ng/ul	225017	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	64
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	62
5	Dodecanoic acid	200	C12H24O2	000143-07-7	59





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ClientSampleId : C0AG3

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Quant Title : SVOA CALIBRATION

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

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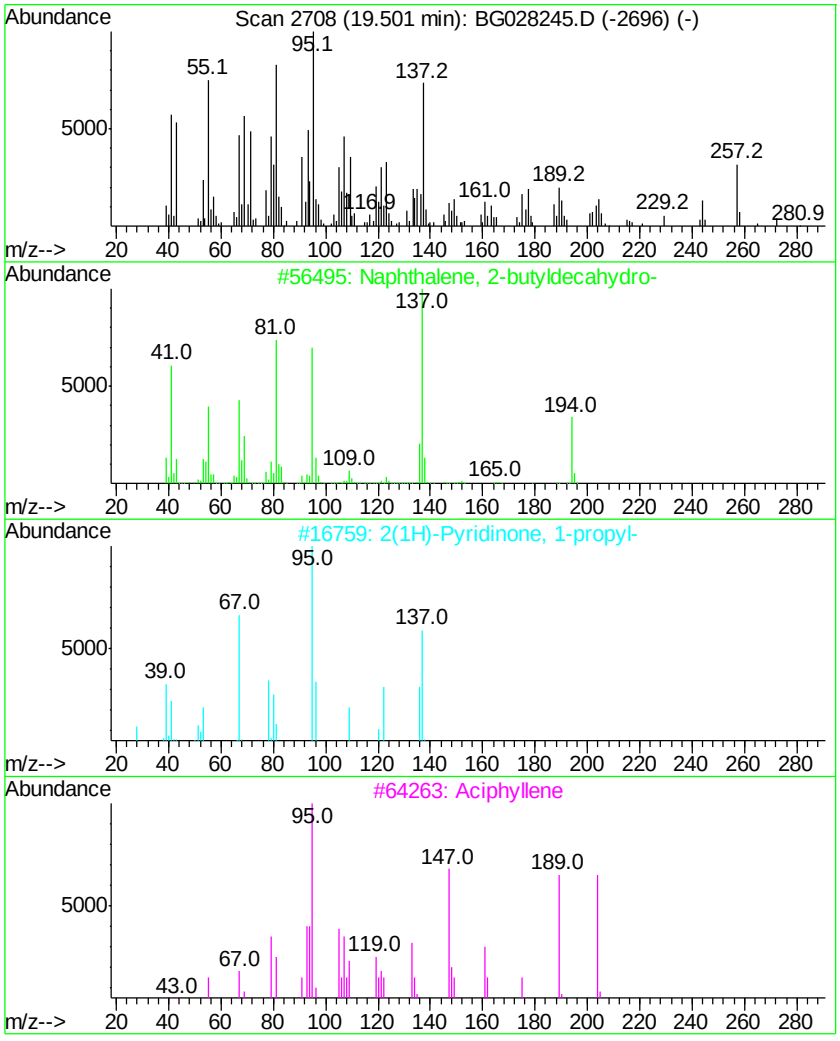
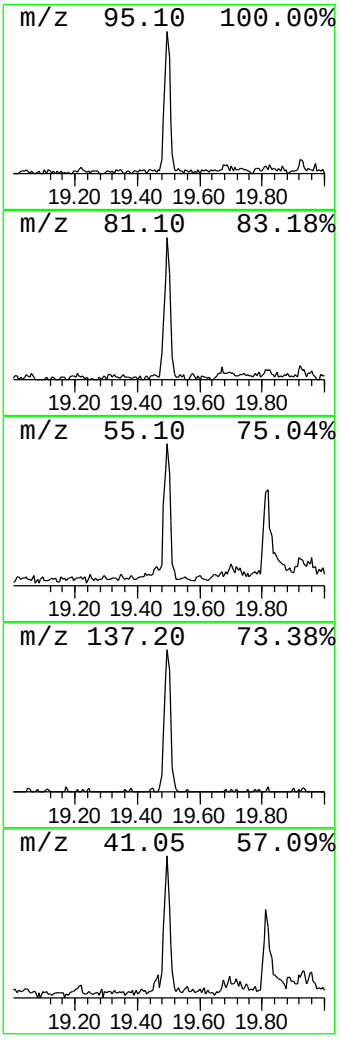
Peak Number 7 unknown01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.50	5.85 ng/ul	334004	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-butyldecahydro-	194	C14H26	006305-52-8	35
2	2(1H)-Pyridinone, 1-propyl-	137	C8H11NO	019006-63-4	30
3	Aciphyllene	204	C15H24	087745-31-1	30
4	1H-Pyrrole, 1-pentyl-	137	C9H15N	000699-22-9	25
5	2(1H)-Pyridone, 1-ethyl-4-methyl-	137	C8H11NO	019006-62-3	25





Library Search Compound Report

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Quant Title : SVOA CALIBRATION

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

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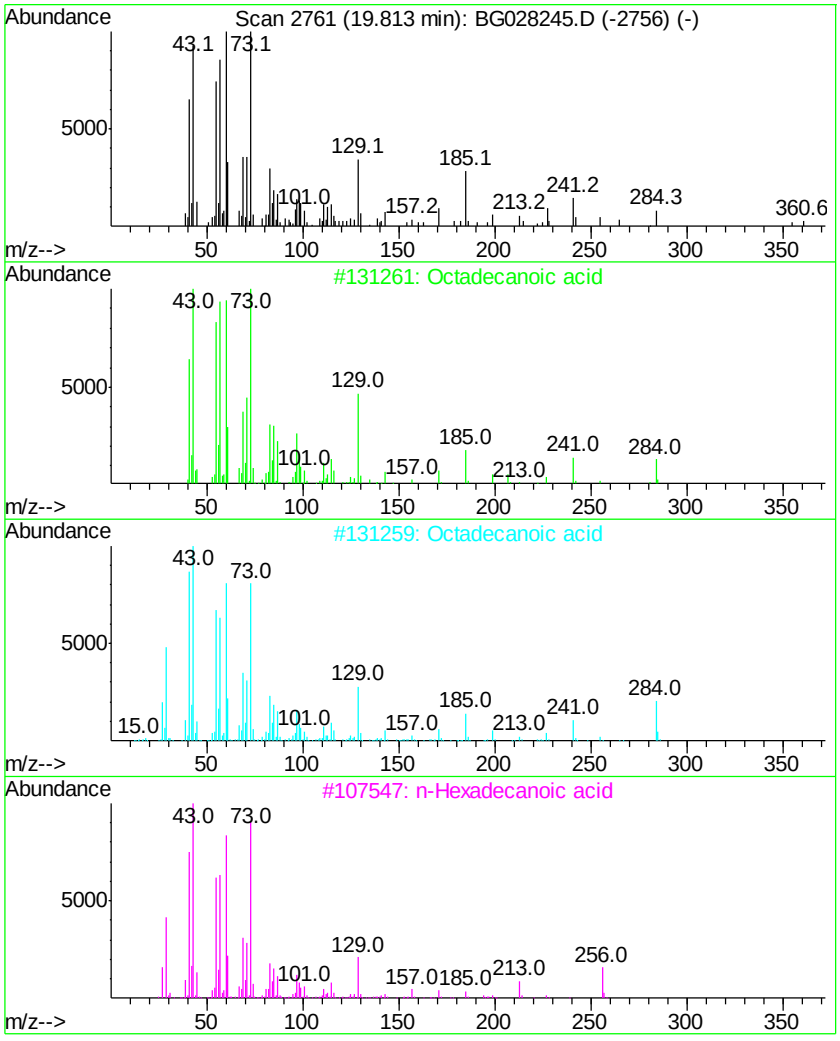
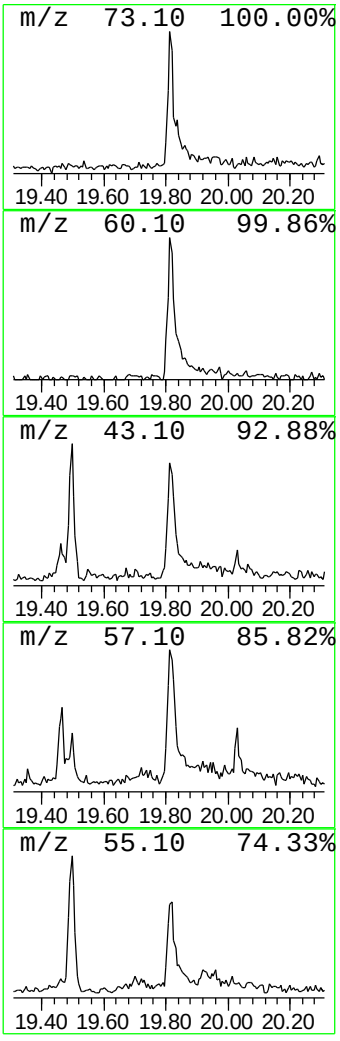
Peak Number 8 Octadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.81	2.85 ng/ul	162782	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	86
2	Octadecanoic acid	284	C18H36O2	000057-11-4	72
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	68
4	Octadecanoic acid	284	C18H36O2	000057-11-4	62
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	62





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Instrument : BNA_G
ClientSampleId : C0AG3

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Quant Title : SVOA CALIBRATION

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

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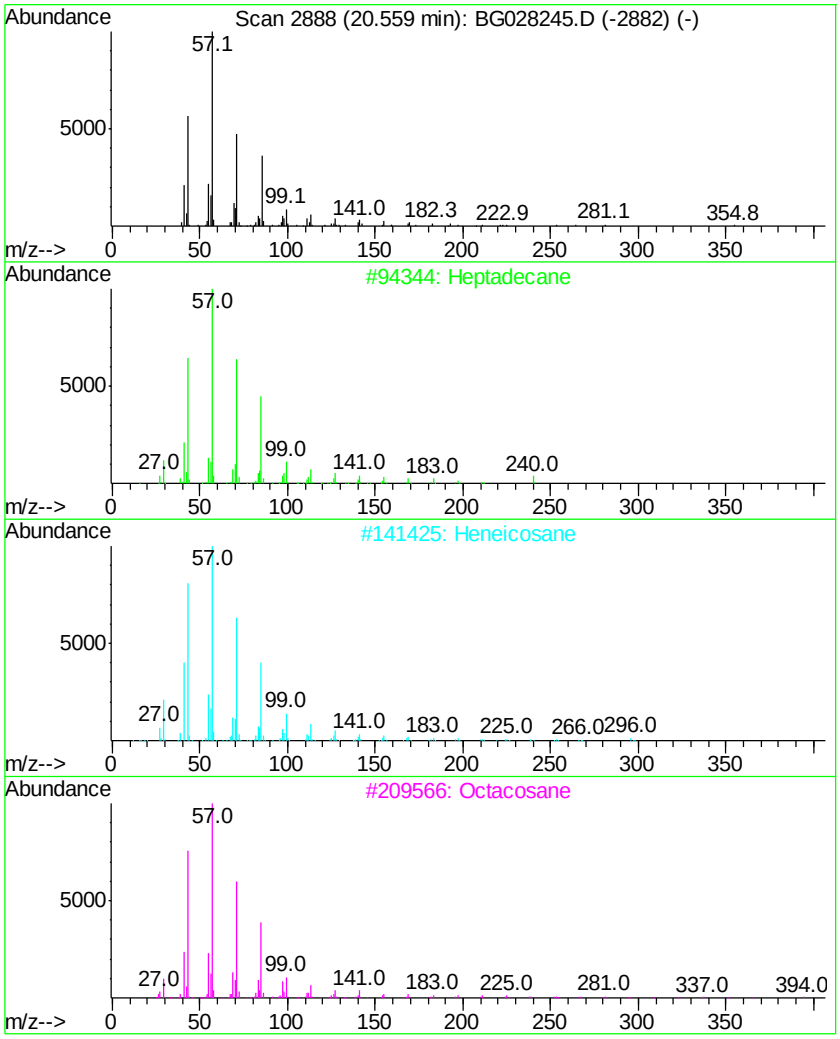
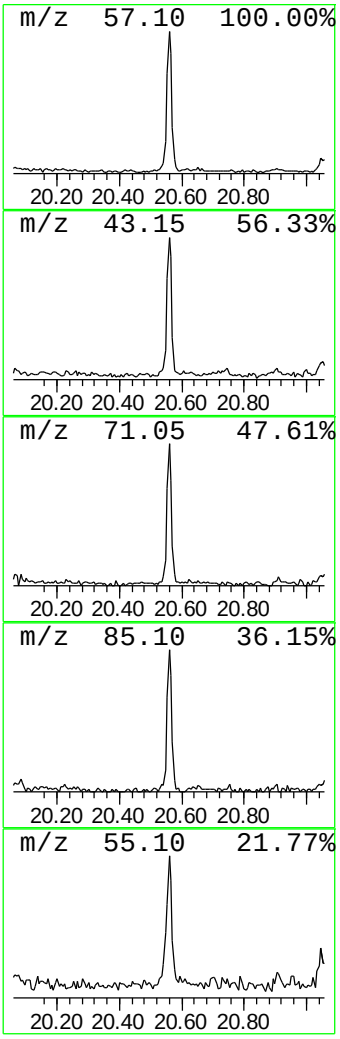
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.56	2.32 ng/ul	146892	Chrysene-d12	22.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	86
2	Heneicosane	296	C21H44	000629-94-7	83
3	Octacosane	394	C28H58	000630-02-4	83
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	80
5	Octadecane	254	C18H38	000593-45-3	80





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Instrument : BNA_G
ClientSampleId : C0AG3

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Quant Title : SVOA CALIBRATION

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

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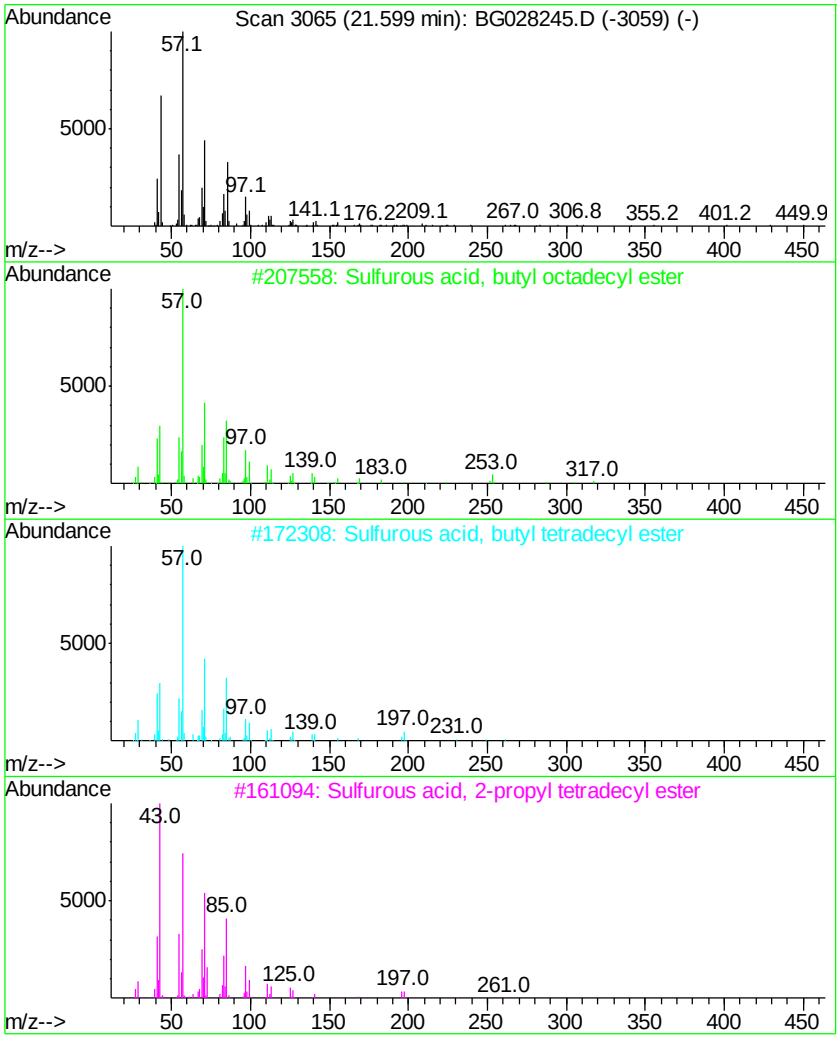
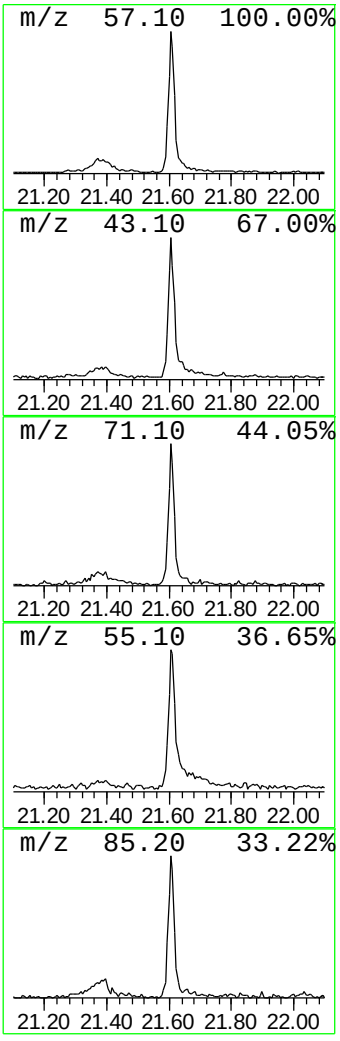
Peak Number 10 Sulfurous acid, butyl octad... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.60	7.46 ng/ul	471676	Chrysene-d12	22.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, butyl octadecyl ...	390	C22H46O3S	1000309-18-5	87
2	Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	86
3	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	83
4	Nonadecane	268	C19H40	000629-92-5	74
5	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	74





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Quant Title : SVOA CALIBRATION

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

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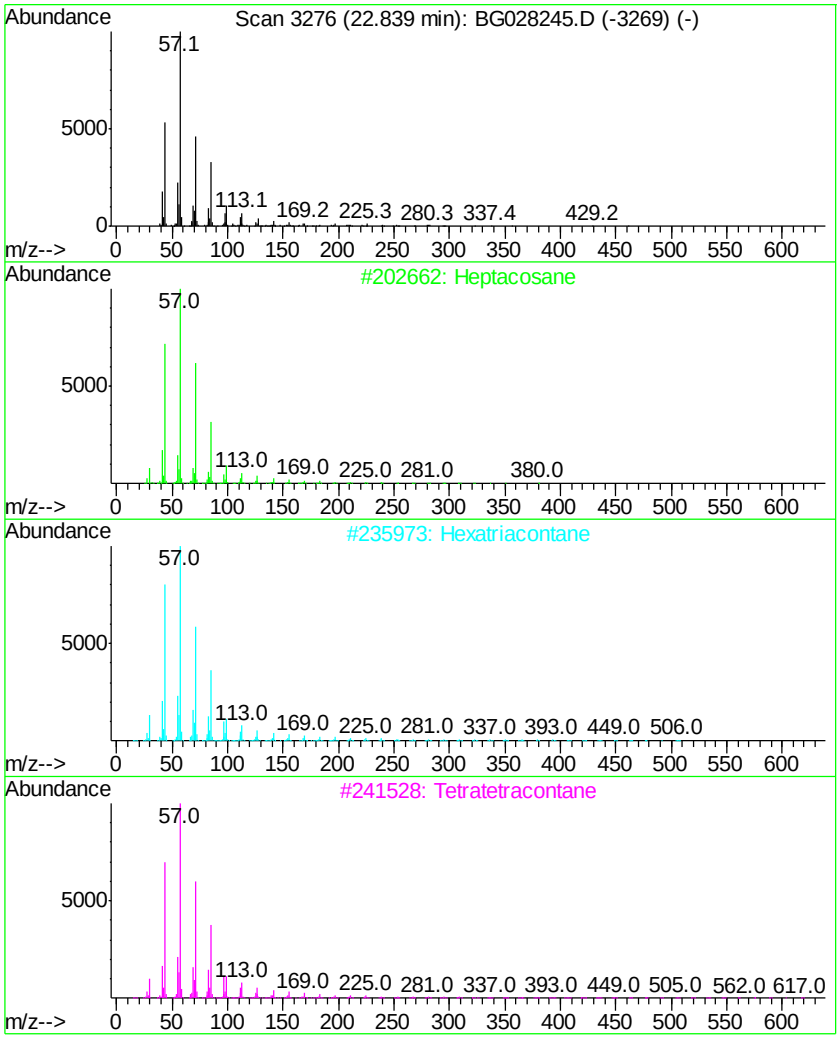
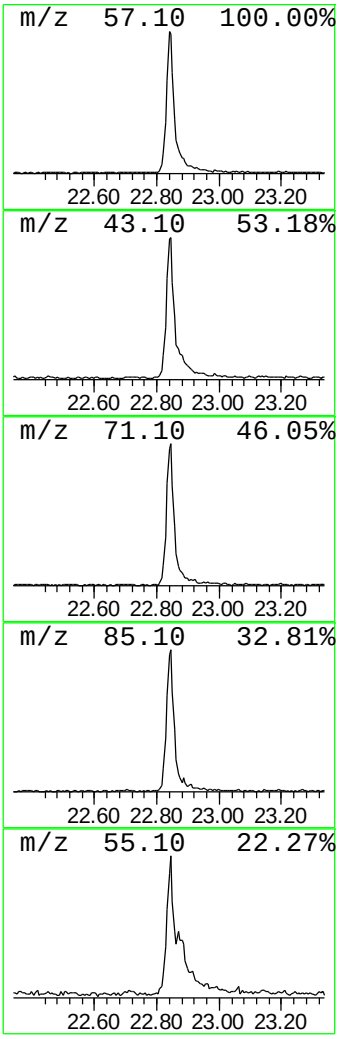
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.84	14.08 ng/ul	890263	Chrysene-d12	22.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	97
2	Hexatriacontane	507	C36H74	000630-06-8	91
3	Tetratetracontane	619	C44H90	007098-22-8	90
4	Hexacosane	366	C26H54	000630-01-3	87
5	Tetracosane	338	C24H50	000646-31-1	87





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ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AG3

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Quant Title : SVOA CALIBRATION

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

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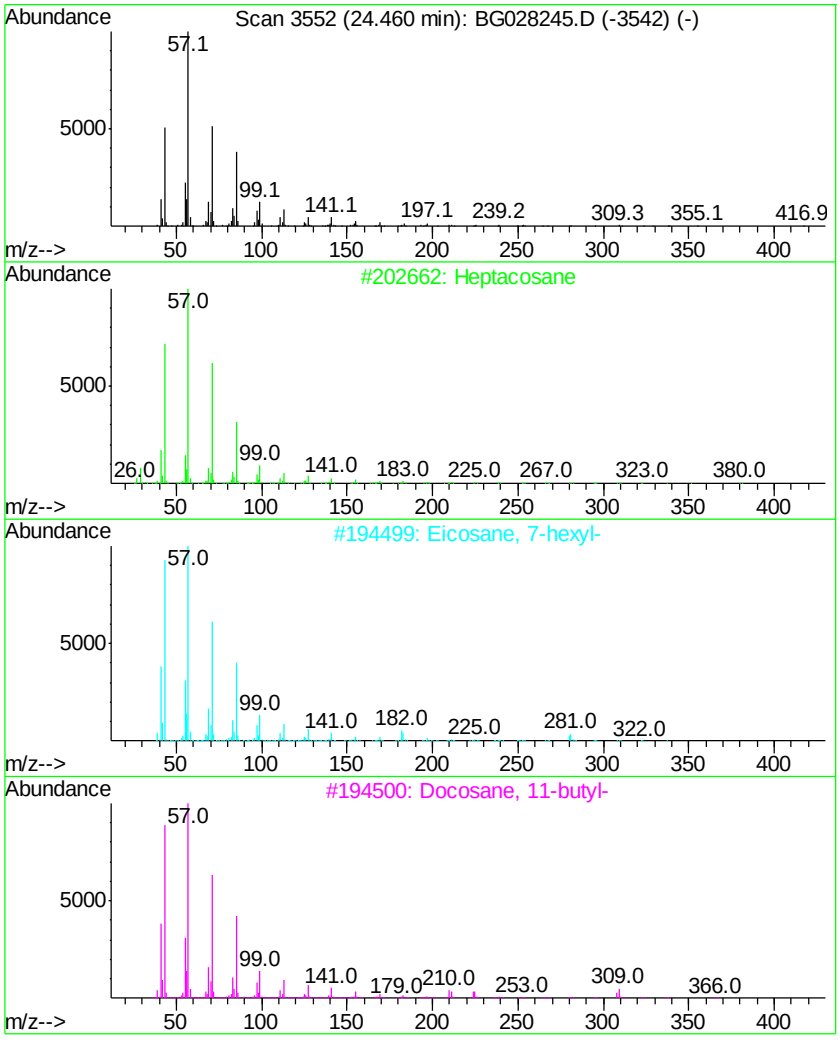
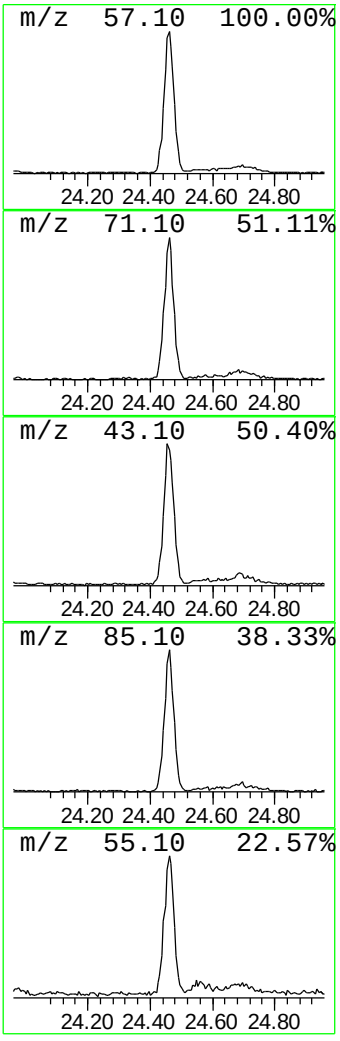
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.46	11.14 ng/ul	764520	Perylene-d12	25.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
3	Docosane, 11-butyl-	366	C26H54	013475-76-8	91
4	Hexacosane	366	C26H54	000630-01-3	90
5	Tricosane, 2-methyl-	338	C24H50	001928-30-9	90





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Misc :
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Instrument : BNA_G
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Quant Title : SVOA CALIBRATION

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

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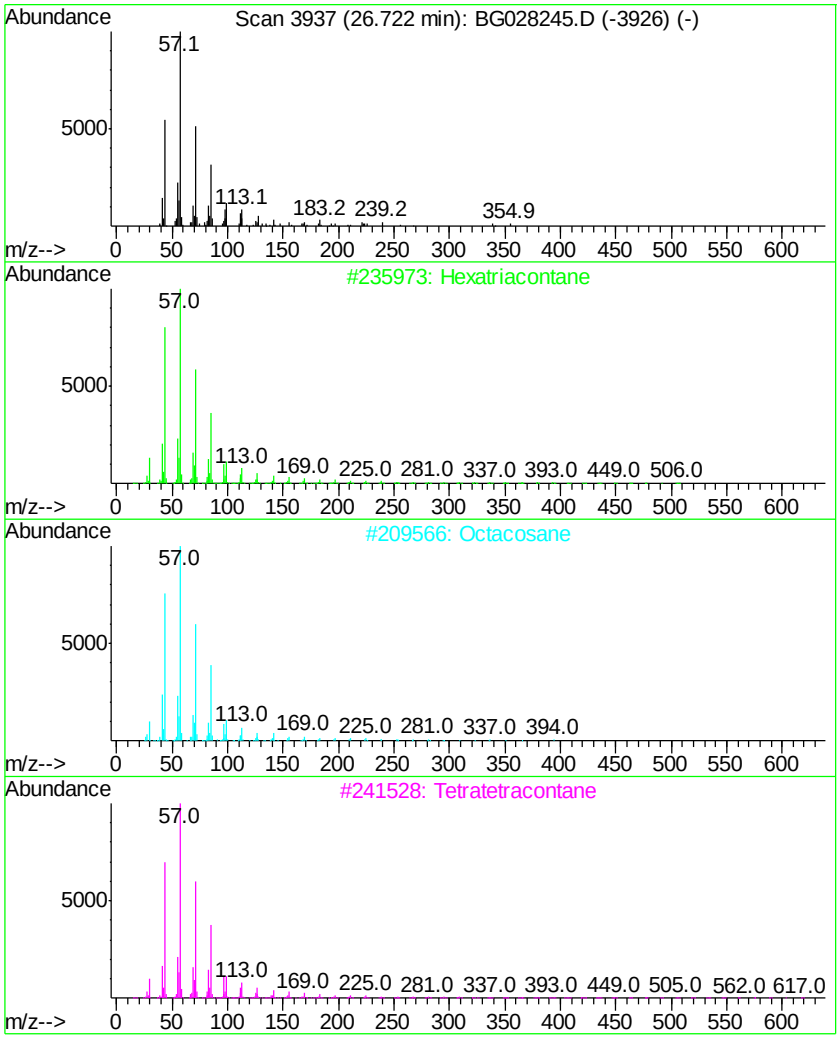
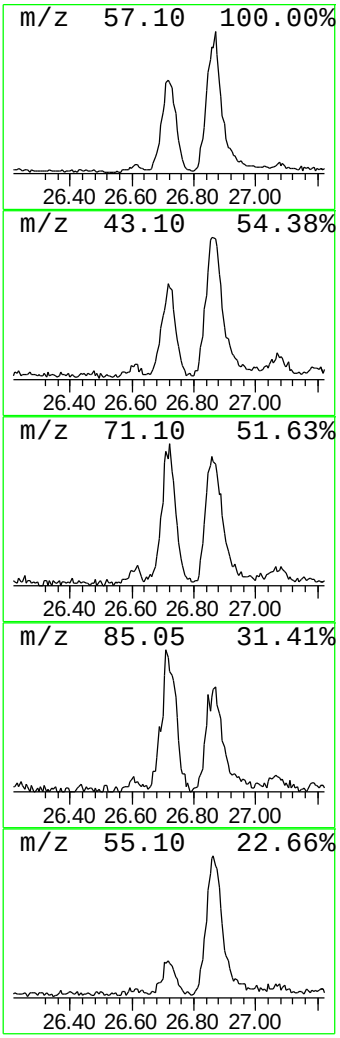
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.72	4.21 ng/ul	289024	Perylene-d12	25.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexatriacontane	507	C36H74	000630-06-8	83
2	Octacosane	394	C28H58	000630-02-4	80
3	Tetratetracontane	619	C44H90	007098-22-8	74
4	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	72
5	2-methyloctacosane	408	C29H60	1000376-72-8	72





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Quant Title : SVOA CALIBRATION

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

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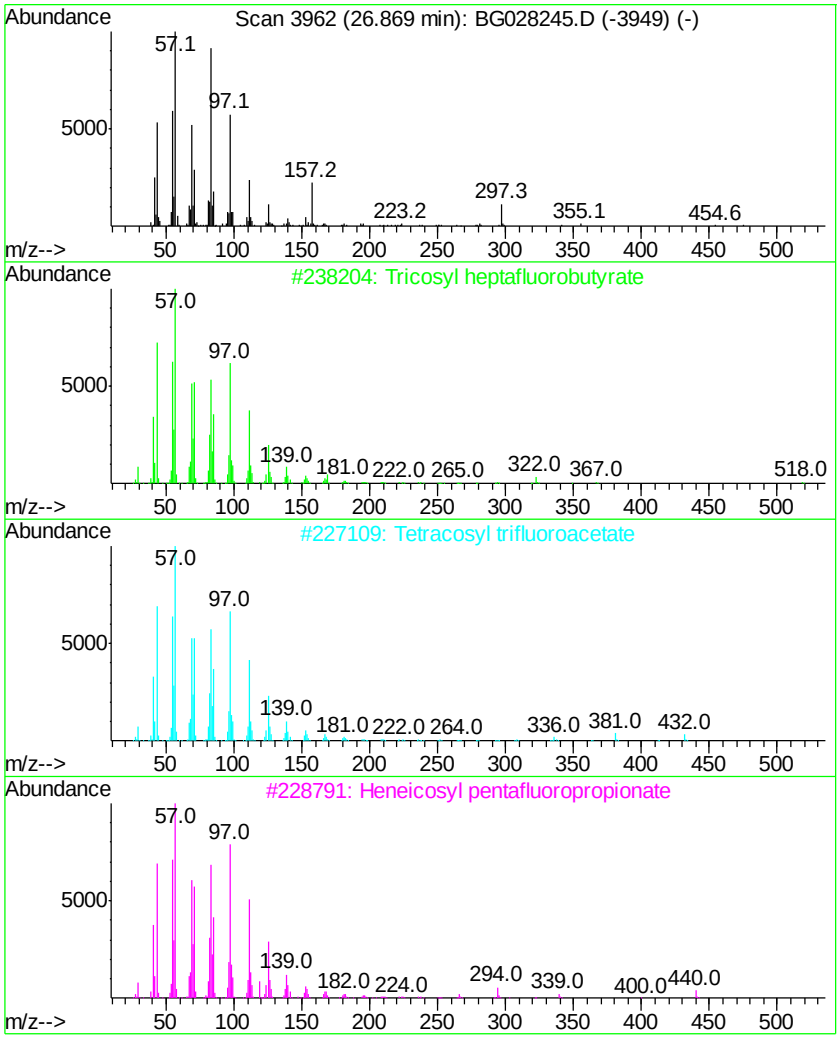
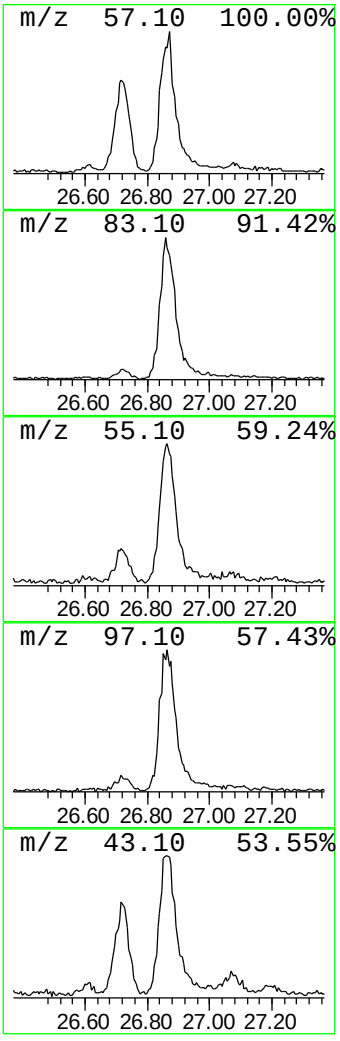
Peak Number 14 unknown02 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.87	13.35 ng/ul	916482	Perylene-d12	25.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosyl heptafluorobutyrate	536	C27H47F7O2	1000351-83-4	45
2	Tetracosyl trifluoroacetate	450	C26H49F3O2	1000351-76-4	45
3	Heneicosyl pentafluoropropionate	458	C24H43F5O2	1000351-81-1	41
4	Docosyl heptafluorobutyrate	522	C26H45F7O2	1000351-83-1	41
5	Tetracosyl pentafluoropropionate	500	C27H49F5O2	1000351-81-3	41





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Misc :
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Instrument : BNA_G
ClientSampleId : C0AG3

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Quant Title : SVOA CALIBRATION

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

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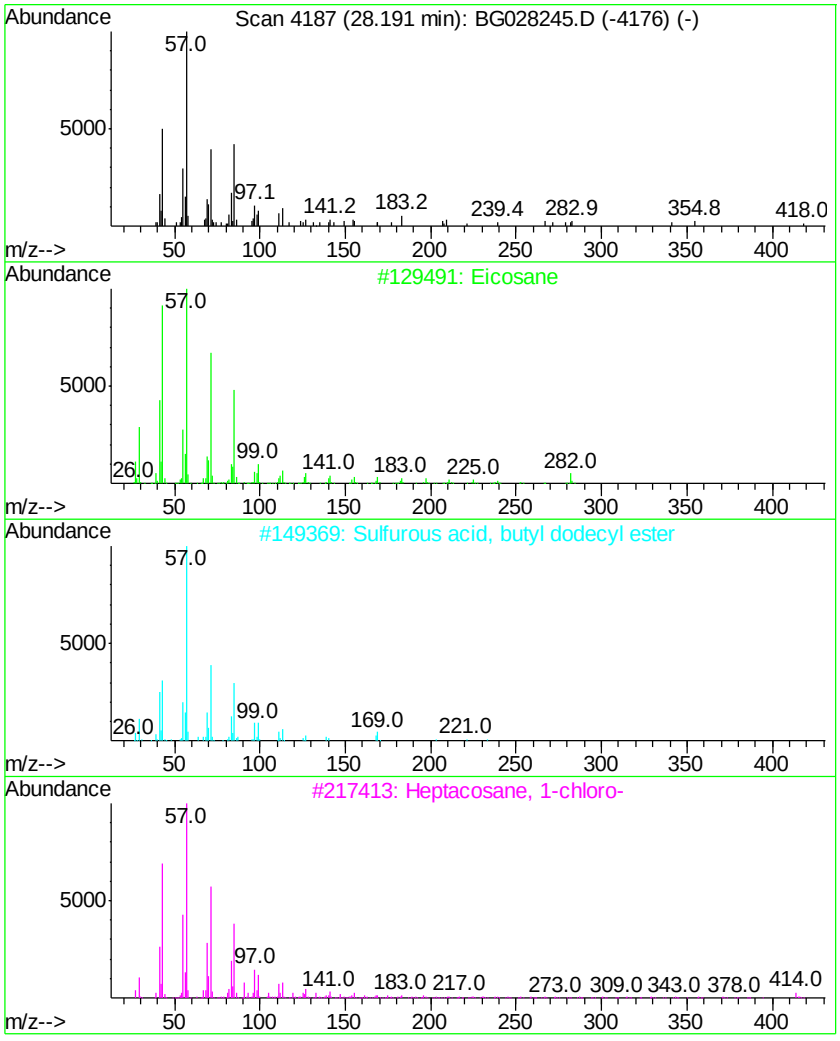
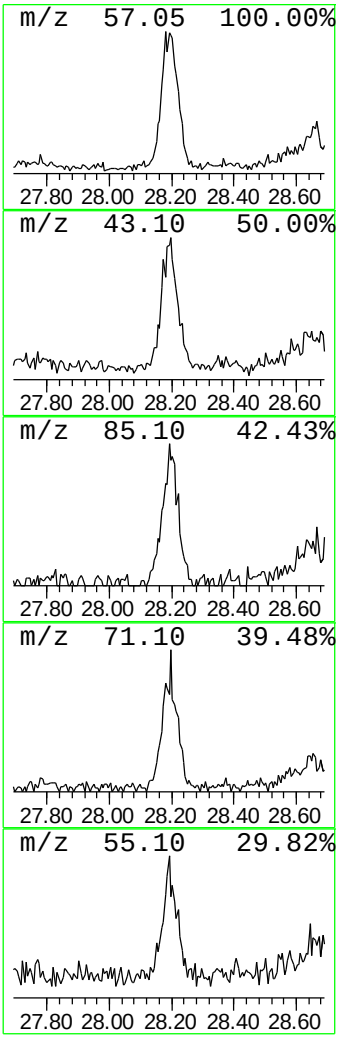
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.19	2.57 ng/ul	176552	Perylene-d12	25.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	78
2	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	64
3	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	64
4	Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	64
5	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	64





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Instrument : BNA_G
ClientSampleId : C0AG3

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Quant Title : SVOA CALIBRATION

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

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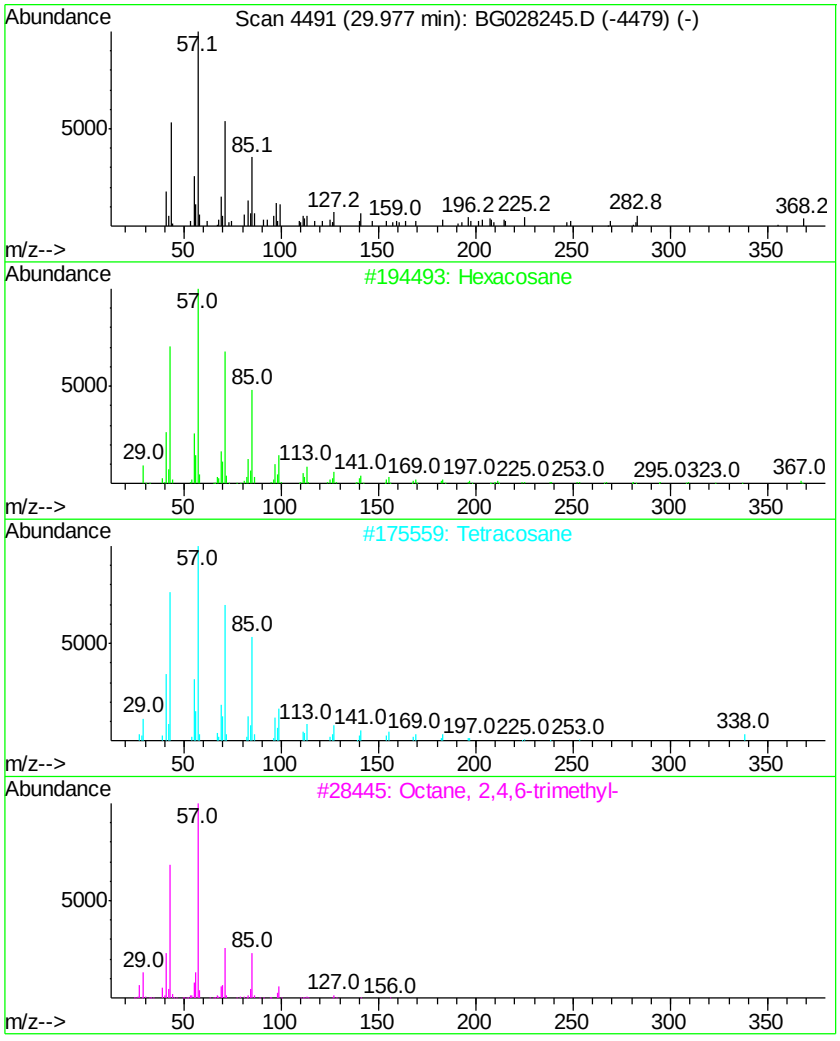
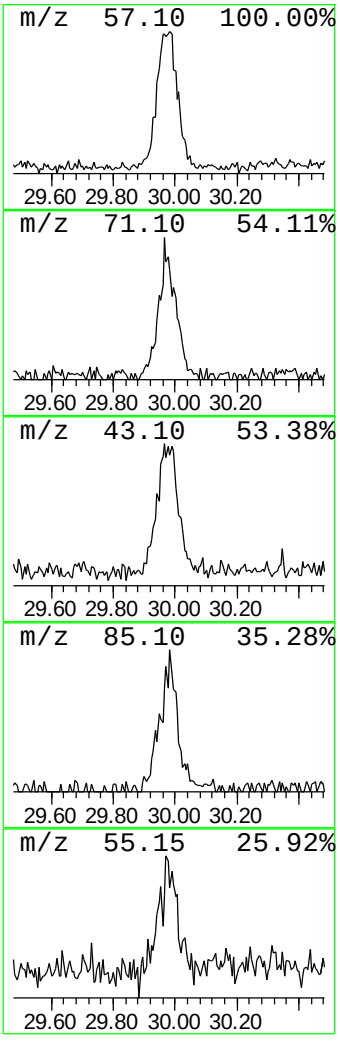
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.98	2.23 ng/ul	152788	Perylene-d12	25.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	80
2	Tetracosane	338	C24H50	000646-31-1	74
3	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	72
4	Borane, diethyl(decyloxy)-	226	C14H31BO	1000152-34-3	59
5	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	52





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Quant Title : SVOA CALIBRATION

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

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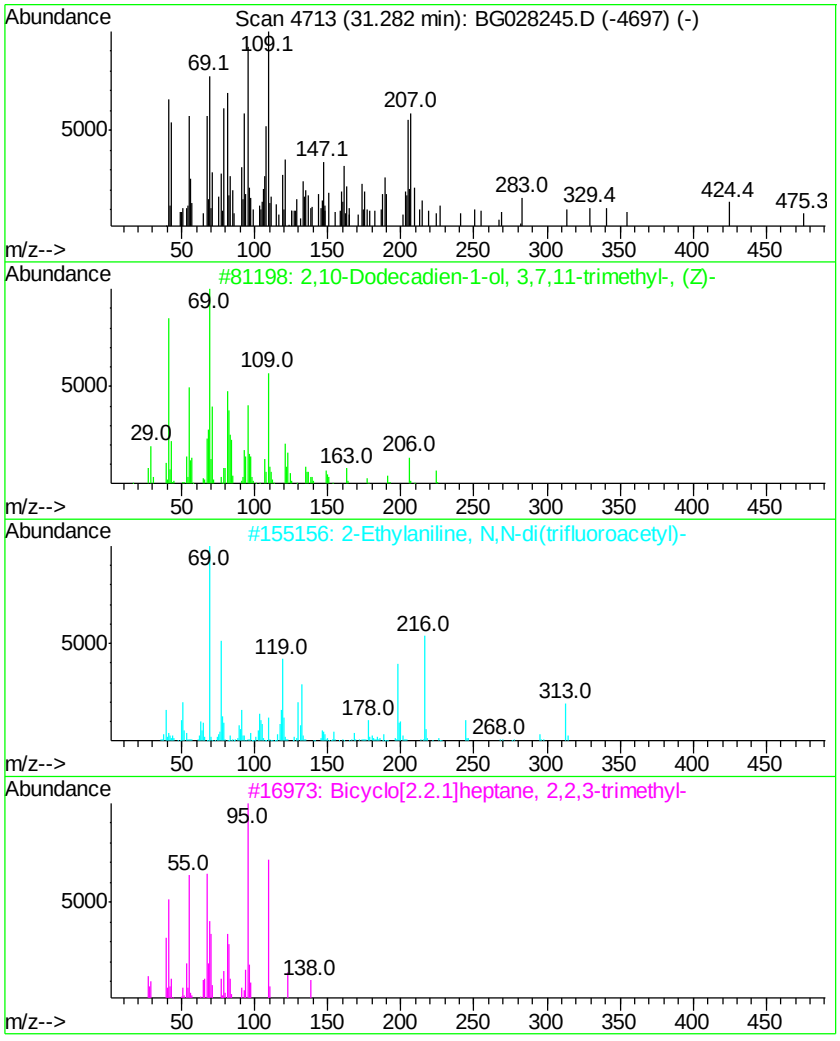
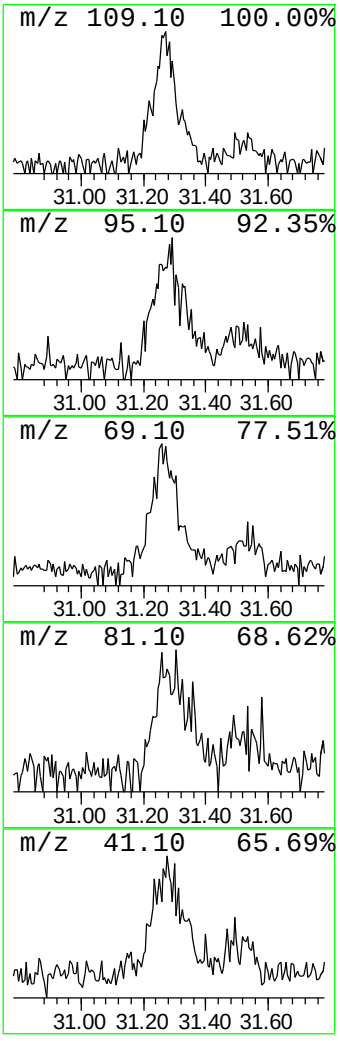
Peak Number 17 2,10-Dodecadien-1-ol, 3,7,1... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.28	2.63 ng/ul	180499	Perylene-d12	25.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,10-Dodecadien-1-ol, 3,7,11-tri...	224	C15H28O	020576-57-2	70
2	2-Ethylaniline, N,N-di(trifluoro...	313	C12H9F6NO2	1000328-31-2	25
3	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	000473-19-8	18
4	3,5-Dimethylcyclohex-1-ene-4-car...	138	C9H14O	006975-94-6	15
5	2,3-Dimethyl-8-oxo-non-2-enal	182	C11H18O2	1000186-82-6	14





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Data File : BG028245.D
Acq On : 10 Aug 2017 3:42
Operator : SJ/JU
Sample : I4455-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AG3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

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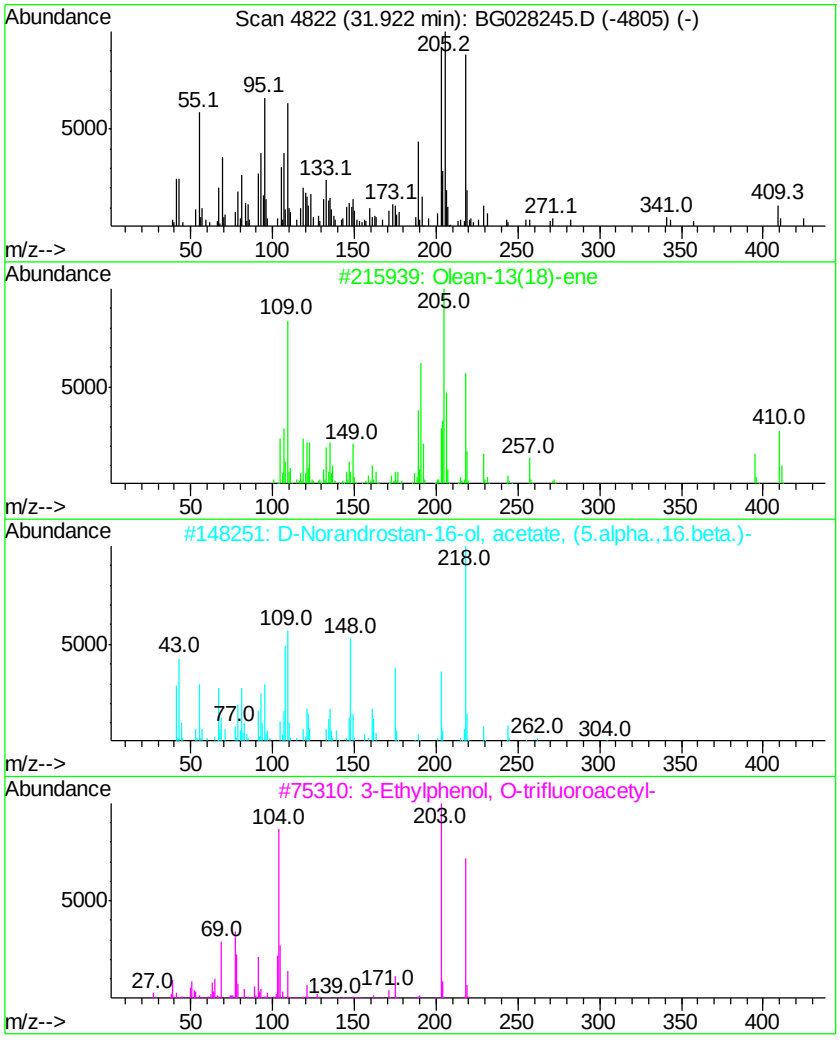
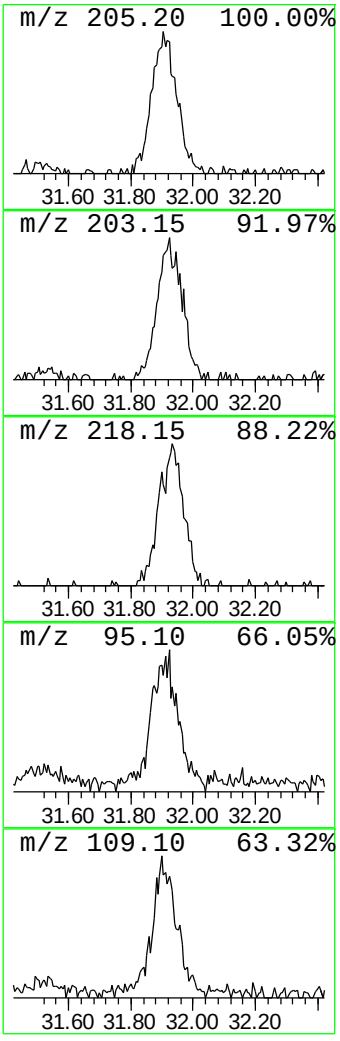
Peak Number 18 unknown03 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.92	7.69 ng/ul	528051	Perylene-d12	25.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Olean-13(18)-ene	410	C30H50	003399-27-7	49
2	D-Norandrostan-16-ol, acetate, (...	304	C20H32O2	054411-62-0	30
3	3-Ethylphenol, O-trifluoroacetyl-	218	C10H9F3O2	1000374-27-3	30
4	Indolizine, 1-acetyl-2-methyl-6-...	218	C11H10N2O3	1000071-33-1	27
5	Benzenamine, 2-bromo-4-nitro-	216	C6H5BrN2O2	013296-94-1	25





Data Path : Z:\HPCHEM1\BNA G\DATA\BG080917\
Data File : BG028245.D
Acq On : 10 Aug 2017 3:42
Operator : SJ/JU
Sample : I4455-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AG3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

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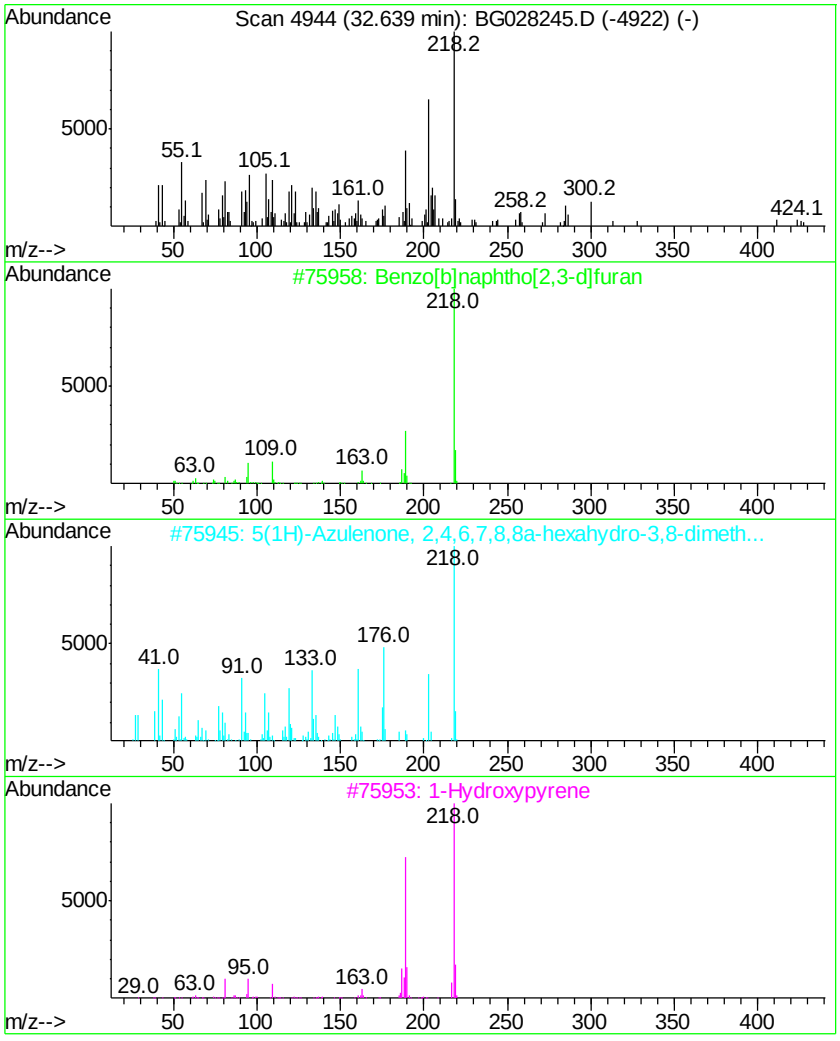
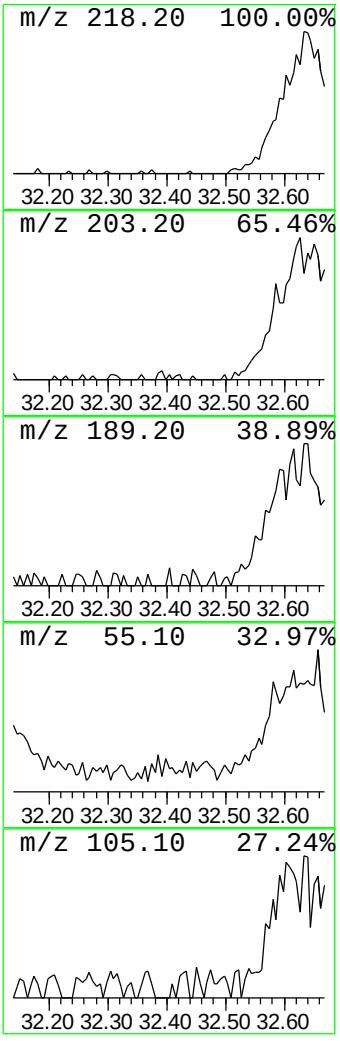
Peak Number 19 unknown04 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
32.64	5.57 ng/ul	382260	Perylene-d12	25.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	49
2	5(1H)-Azulenone, 2,4,6,7,8,8a-he...	218	C15H22O	006754-66-1	46
3	1-Hydroxypyrene	218	C16H10O	005315-79-7	46
4	.alpha.-Amyrin	426	C30H50O	000638-95-9	46
5	Pyrene, hexadecahydro-	218	C16H26	002435-85-0	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080917\
Data File : BG028245.D
Acq On : 10 Aug 2017 3:42
Operator : SJ/JU
Sample : I4455-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AG3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.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
Tricyclo[2.2.1.0(...	6.89	2.3	ng/ul	43371	1	8.36	378485	20.0
(1R)-2,6,6-Trimet...	7.04	3.1	ng/ul	58613	1	8.36	378485	20.0
Camphene	7.35	4.2	ng/ul	79044	1	8.36	378485	20.0
Bicyclo[2.2.1]hep...	10.57	3.8	ng/ul	112996	2	11.17	590658	20.0
Bornyl acetate	12.49	3.0	ng/ul	88635	2	11.17	590658	20.0
n-Hexadecanoic acid	18.56	3.9	ng/ul	225017	4	17.71	1141110	20.0
unknown01	19.50	5.8	ng/ul	334004	4	17.71	1141110	20.0
Octadecanoic acid	19.81	2.9	ng/ul	162782	4	17.71	1141110	20.0
(DEL) Alkane: Str...	20.56	2.3	ng/ul	146892	5	22.03	1264380	20.0
Sulfurous acid, b...	21.60	7.5	ng/ul	471676	5	22.03	1264380	20.0
(DEL) Alkane: Str...	22.84	14.1	ng/ul	890263	5	22.03	1264380	20.0
(DEL) Alkane: Str...	24.46	11.1	ng/ul	764520	6	25.54	1372610	20.0
(DEL) Alkane: Str...	26.72	4.2	ng/ul	289024	6	25.54	1372610	20.0
unknown02	26.87	13.4	ng/ul	916482	6	25.54	1372610	20.0
(DEL) Alkane: Str...	28.19	2.6	ng/ul	176552	6	25.54	1372610	20.0
(DEL) Alkane: Str...	29.98	2.2	ng/ul	152788	6	25.54	1372610	20.0
2,10-Dodecadien-1...	31.28	2.6	ng/ul	180499	6	25.54	1372610	20.0
unknown03	31.92	7.7	ng/ul	528051	6	25.54	1372610	20.0
unknown04	32.64	5.6	ng/ul	382260	6	25.54	1372610	20.0