LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG112216\
Data File : BG024890.D
Acq On : 22 Nov 2016 15:57
Operator : UM/SJ
Sample : H5695-16
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHSY9

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\SOM02.2-EPA-BG111416.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	3.408	87	97	100	rVB8	10055	25729	1.31%	0.092%
2	3.525	111	117	122	rBV5	22335	34806	1.77%	0.125%
3	4.254	231	241	247	rBV6	31550	80505	4.09%	0.289%
4	4.695	312	316	320	rVV4	25037	42489	2.16%	0.153%
5	4.742	320	324	334	rVB3	36870	66215	3.37%	0.238%
6	4.977	361	364	371	rVB5	19217	32778	1.67%	0.118%
7	5.312	415	421	434	rBV	648753	1049857	53.36%	3.770%
8	5.670	472	482	493	rBV3	66122	235058	11.95%	0.844%
9	6.275	577	585	592	rVB9	37428	80775	4.11%	0.290%
10	6.845	676	682	688	rBV9	12196	30403	1.55%	0.109%
11	7.268	736	754	759	rBV3	195307	640969	32.58%	2.302%
12	7.315	759	762	769	rVV4	65397	119962	6.10%	0.431%
13	7.421	769	780	791	rVB2	139559	361733	18.39%	1.299%
14	7.568	796	805	815	rVB	98875	179902	9.14%	0.646%
15	7.779	834	841	849	rBV	130337	250596	12.74%	0.900%
16	7.920	859	865	872	rBV4	65387	117379	5.97%	0.421%
17	8.255	916	922	934	rVB3	267050	606950	30.85%	2.179%
18	8.543	966	971	979	rVB9	13603	25299	1.29%	0.091%
19	8.849	1003	1023	1034	rBV2	269994	861878	43.81%	3.095%
20	8.954	1034	1041	1049	rVB4	178653	382801	19.46%	1.375%
21	9.078	1059	1062	1071	rVB8	19083	41635	2.12%	0.150%
22	9.424	1111	1121	1131	rVV2	133300	285901	14.53%	1.027%
23	9.524	1131	1138	1140	rVV3	80588	143008	7.27%	0.514%
24	9.560	1140	1144	1151	rVV2	128767	223083	11.34%	0.801%
25	9.630	1151	1156	1161	rVV8	14944	33331	1.69%	0.120%
26	9.759	1174	1178	1184	rBV5	18200	38031	1.93%	0.137%
27	9.818	1184	1188	1198	rVB5	16890	40138	2.04%	0.144%
28	9.965	1209	1213	1217	rVV5	14382	27066	1.38%	0.097%
29	10.024	1217	1223	1232	rVB10	19360	50074	2.55%	0.180%
30	10.153	1232	1245	1253	rBV3	127049	273308	13.89%	0.981%
31	10.394	1267	1286	1300	rBV2	353625	1068009	54.29%	3.835%
32	10.558	1308	1314	1325	rVB2	131891	269235	13.69%	0.967%
33	10.693	1330	1337	1352	rVB3	215328	421915	21.45%	1.515%
34	10.817	1352	1358	1364	rBV4	33864	78664	4.00%	0.282%

LSC Area Percent Report

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Operator : UM/SJ
Sample : H5695-16
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHSY9

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\SOM02.2-EPA-BG111416.M
Title : SVOA CALIBRATION

35	10.899	1368	1372	1381	rVB3	24592	44860	2.28%	0.161%
36	11.081	1394	1403	1408	rVV	367034	668273	33.97%	2.400%
37	11.134	1408	1412	1418	rVB2	92047	154831	7.87%	0.556%
38	11.434	1456	1463	1469	rBV10	22582	54726	2.78%	0.197%
39	11.863	1520	1536	1548	rBV3	435071	1076445	54.72%	3.865%
40	12.027	1556	1564	1565	rBV8	33344	66163	3.36%	0.238%
41	12.062	1566	1570	1583	rVB5	117835	235062	11.95%	0.844%
42	12.280	1599	1607	1615	rVB5	36759	85170	4.33%	0.306%
43	12.356	1615	1620	1626	rBV3	40034	72004	3.66%	0.259%
44	12.527	1645	1649	1653	rVV4	21695	30006	1.53%	0.108%
45	12.574	1653	1657	1663	rVV6	51387	88844	4.52%	0.319%
46	12.638	1663	1668	1674	rVB8	24136	40593	2.06%	0.146%
47	13.138	1742	1753	1762	rBV	293694	533559	27.12%	1.916%
48	13.220	1764	1767	1774	rVB6	21950	35028	1.78%	0.126%
49	13.361	1787	1791	1797	rVB4	47689	80438	4.09%	0.289%
50	13.467	1804	1809	1814	rVB7	26208	46356	2.36%	0.166%
51	13.537	1814	1821	1829	rBV9	36077	75618	3.84%	0.272%
52	13.614	1829	1834	1837	rBV4	26576	40584	2.06%	0.146%
53	13.643	1838	1839	1849	rVB9	17754	28825	1.47%	0.104%
54	13.737	1849	1855	1861	rBV4	53467	107995	5.49%	0.388%
55	13.796	1861	1865	1869	rVV7	17311	27285	1.39%	0.098%
56	13.849	1869	1874	1880	rVB2	32271	60992	3.10%	0.219%
57	13.913	1880	1885	1889	rBV7	17781	37325	1.90%	0.134%
58	14.260	1936	1944	1949	rBV	399805	663558	33.73%	2.383%
59	14.307	1949	1952	1958	rVB3	76980	127093	6.46%	0.456%
60	14.372	1958	1963	1972	rBV5	51085	109744	5.58%	0.394%
61	14.483	1976	1982	1991	rBV6	63472	130187	6.62%	0.467%
62	14.571	1991	1997	2003	rBV	338286	519422	26.40%	1.865%
63	14.718	2016	2022	2029	rVB7	44324	80423	4.09%	0.289%
64	14.871	2042	2048	2055	rBV2	666832	1082052	55.00%	3.885%
65	14.918	2055	2056	2061	rVB5	20605	25661	1.30%	0.092%
66	15.059	2073	2080	2089	rBV7	89470	194075	9.86%	0.697%
67	15.241	2102	2111	2122	rBV2	117119	241484	12.27%	0.867%
68	15.623	2173	2176	2178	rVV4	22505	31911	1.62%	0.115%
69	15.664	2178	2183	2190	rVB3	111297	166071	8.44%	0.596%
70	15.858	2208	2216	2228	rBV	476050	767660	39.02%	2.757%
71	15.970	2230	2235	2241	rBV	194545	307873	15.65%	1.106%

LSC Area Percent Report

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Acq On : 22 Nov 2016 15:57
Operator : UM/SJ
Sample : H5695-16
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHSY9

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

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Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
Title : SVOA CALIBRATION

72	16.064	2246	2251	2255	rVB6	23773	46353	2.36%	0.166%
73	16.281	2286	2288	2294	rBV7	15733	29358	1.49%	0.105%
74	16.363	2298	2302	2308	rVB5	47632	62352	3.17%	0.224%
75	16.522	2324	2329	2338	rBV5	104765	230279	11.71%	0.827%
76	16.798	2371	2376	2380	rBV8	17190	32136	1.63%	0.115%
77	16.963	2401	2404	2407	rBV5	22799	34500	1.75%	0.124%
78	17.080	2419	2424	2432	rBV10	22833	43416	2.21%	0.156%
79	17.315	2460	2464	2471	rBV2	59277	95695	4.86%	0.344%
80	17.397	2475	2478	2484	rVB6	27578	35299	1.79%	0.127%
81	17.615	2509	2515	2523	rBV2	971488	1525174	77.52%	5.477%
82	17.709	2526	2531	2541	rVB	497041	843654	42.88%	3.029%
83	17.862	2552	2557	2566	rBV	50342	82712	4.20%	0.297%
84	17.944	2566	2571	2575	rBV8	30816	55535	2.82%	0.199%
85	18.050	2587	2589	2594	rBV5	15832	27307	1.39%	0.098%
86	18.249	2618	2623	2630	rVB5	41590	63852	3.25%	0.229%
87	18.314	2630	2634	2642	rBV5	13110	34975	1.78%	0.126%
88	18.455	2652	2658	2667	rBV	506021	705089	35.84%	2.532%
89	18.543	2669	2673	2681	rVB4	48554	76984	3.91%	0.276%
90	18.996	2744	2750	2755	rBV10	20009	47936	2.44%	0.172%
91	19.301	2798	2802	2808	rBV8	54649	92507	4.70%	0.332%
92	19.577	2845	2849	2856	rBV7	82036	168343	8.56%	0.604%
93	19.718	2868	2873	2881	rBV	259364	384269	19.53%	1.380%
94	19.877	2897	2900	2905	rBV4	58511	68068	3.46%	0.244%
95	19.983	2912	2918	2926	rBV2	686361	1234443	62.75%	4.433%
96	20.835	3058	3063	3073	rBV10	171094	354994	18.04%	1.275%
97	21.487	3169	3174	3181	rBV	181399	294207	14.95%	1.056%
98	21.910	3239	3246	3256	rVB	1097957	1967342	100.00%	7.064%
99	25.094	3781	3788	3803	rVB3	310584	908470	46.18%	3.262%
100	25.335	3821	3829	3844	rVB2	620970	1946071	98.92%	6.988%

Sum of corrected areas: 27848998

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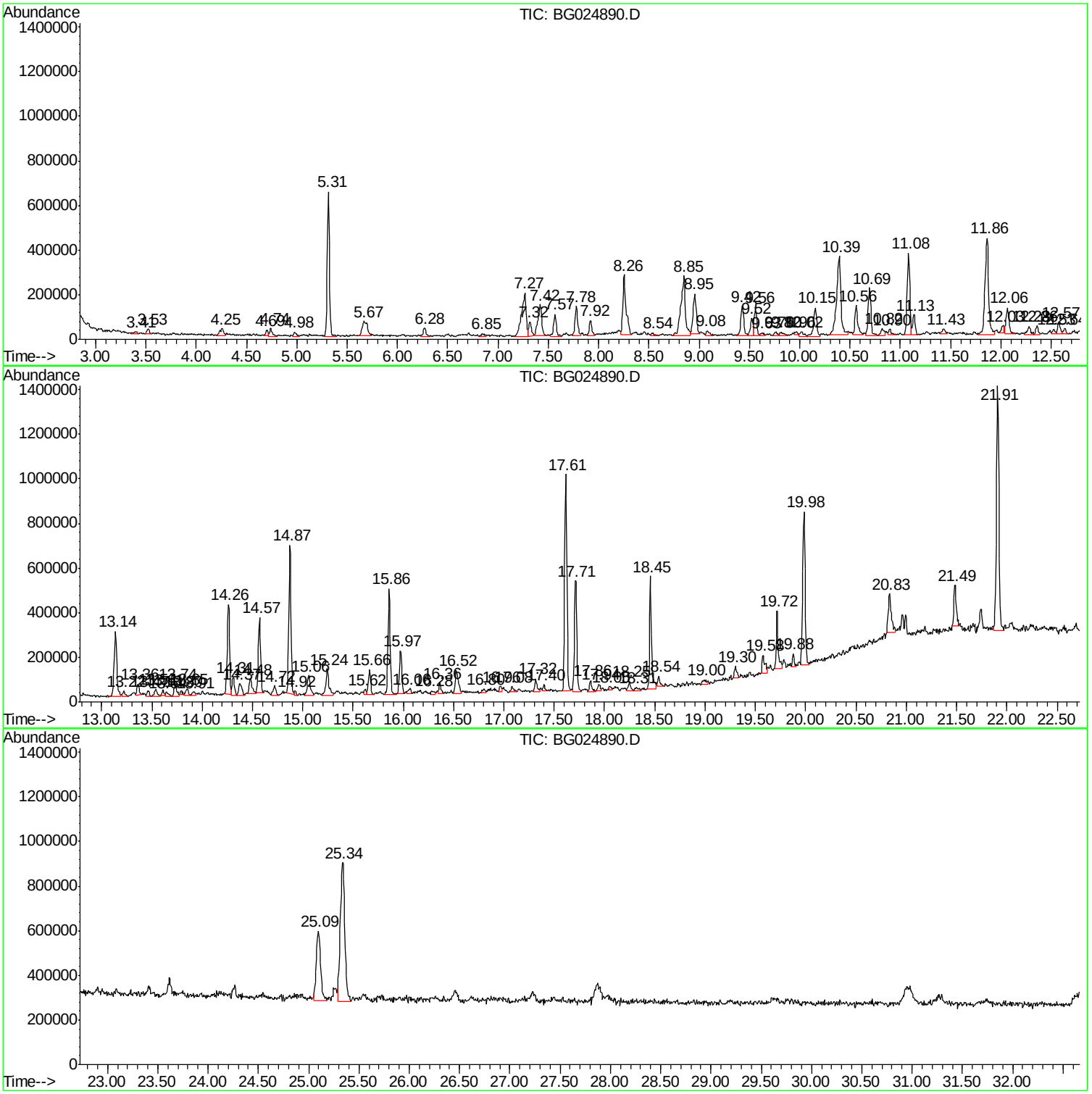
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHSY9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Instrument : BNA_G
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION

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

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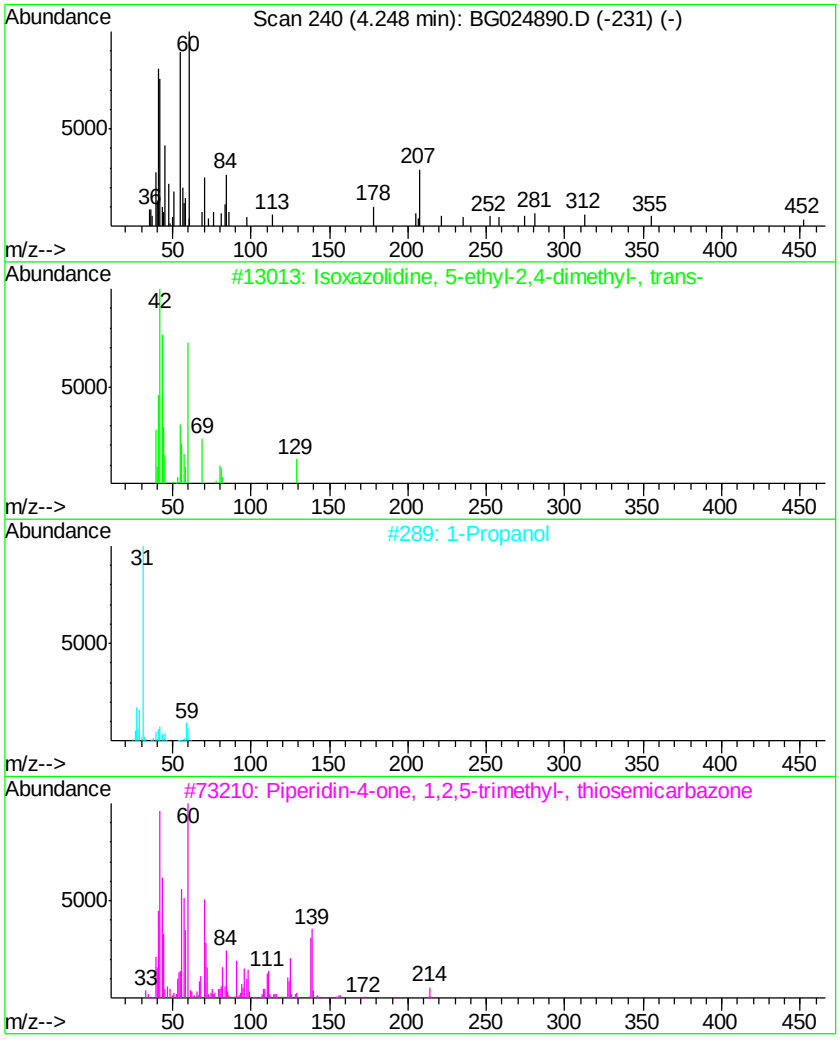
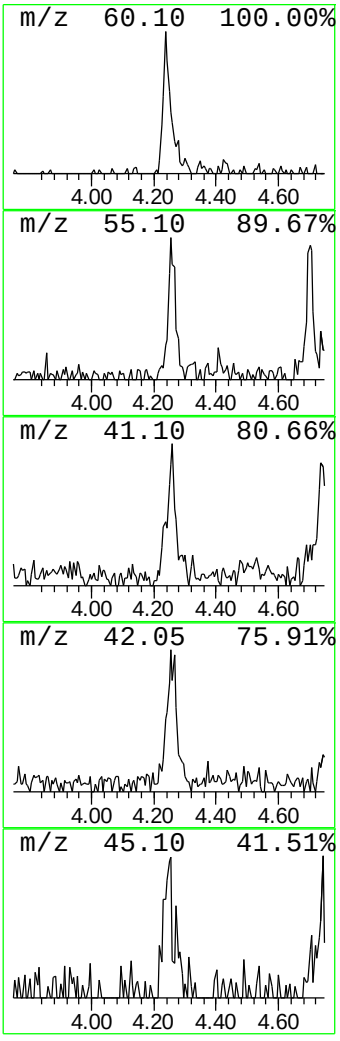
Peak Number 1 unknown-01 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.25	2.65 ng/ul	80505	1,4-Dichlorobenzene-d4	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isoxazolidine, 5-ethyl-2,4-dimet...	129	C7H15NO	056728-14-4	42
2	1-Propanol	60	C3H8O	000071-23-8	32
3	Piperidin-4-one, 1,2,5-trimethyl...	214	C9H18N4S	1000294-64-0	32
4	Ethanamine, N-methyl-N-nitroso-	88	C3H8N2O	010595-95-6	25
5	Pentane, 1-chloro-	106	C5H11Cl	000543-59-9	14





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG112216\
Data File : BG024890.D
Acq On : 22 Nov 2016 15:57
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Sample : H5695-16
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHSY9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION

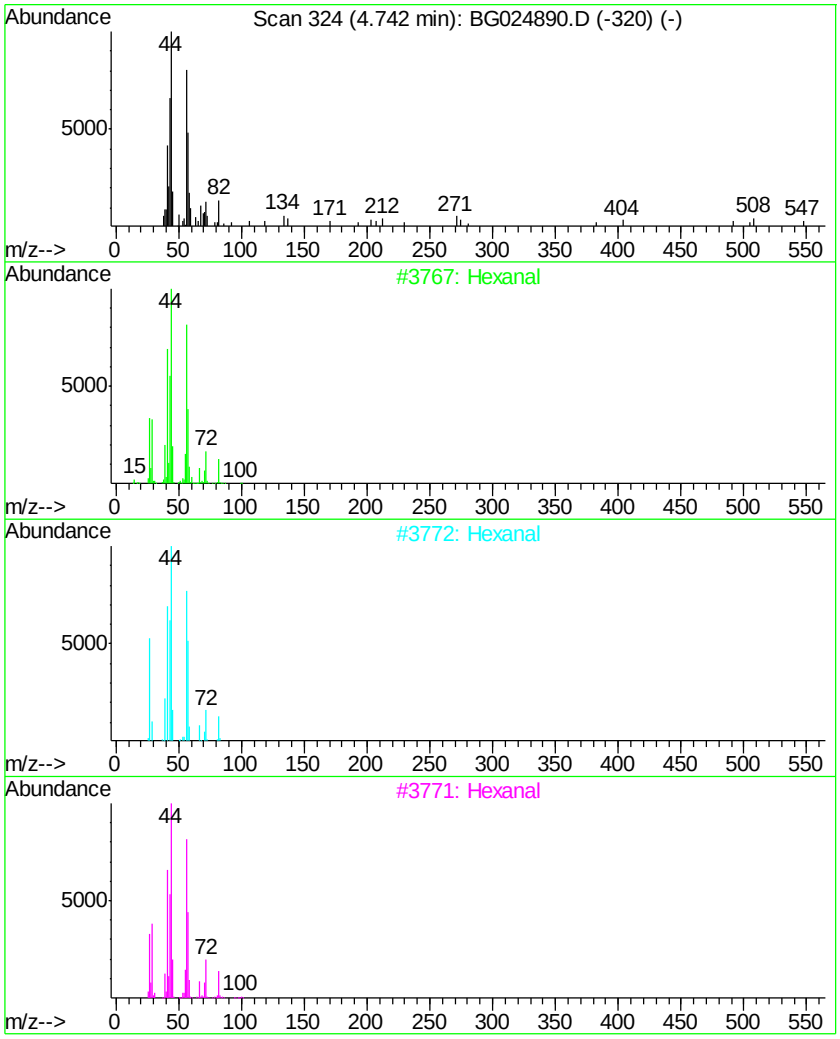
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

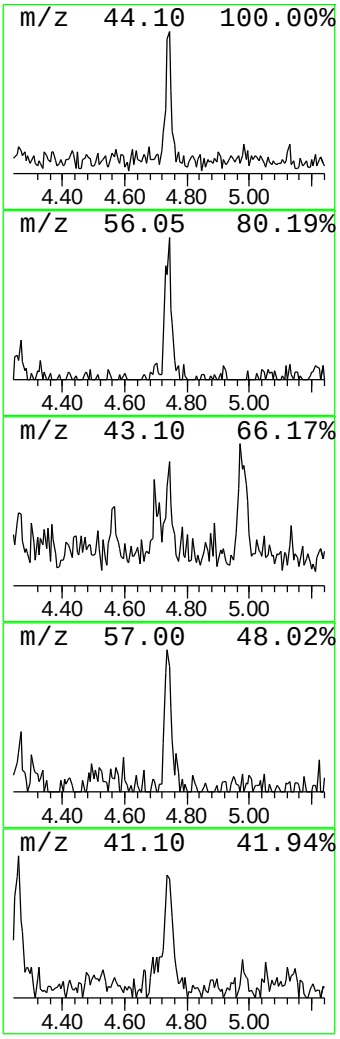
****

Peak Number 2 Hexanal Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.74	2.18 ng/ul	66215	1,4-Dichlorobenzene-d4	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	72
2	Hexanal	100	C6H12O	000066-25-1	56
3	Hexanal	100	C6H12O	000066-25-1	56
4	3,3-dimethylbutylbis(trifluorome...	323	C11H20BF6NO2	1000162-64-1	39
5	2,3-Dioxabicyclo[2.2.1]heptane	100	C5H8O2	000279-35-6	39





Library Search Compound Report

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Sample : H5695-16
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Instrument : BNA_G
ClientSampleId : JHSY9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION

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

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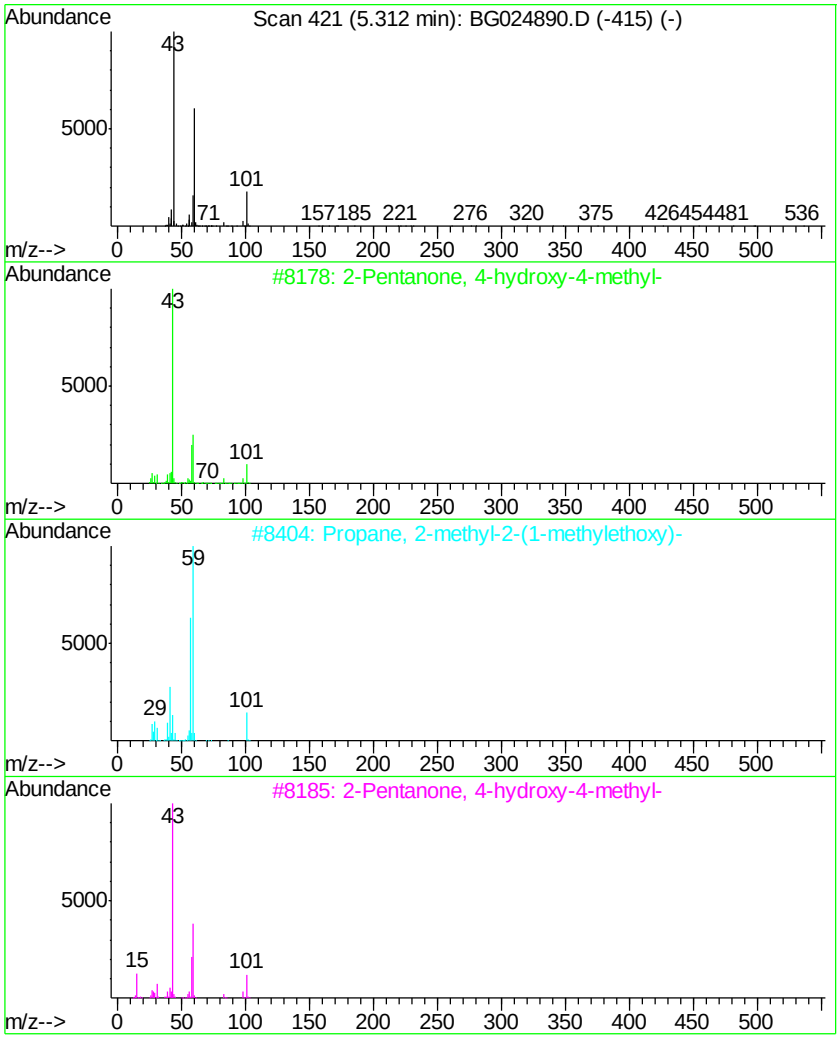
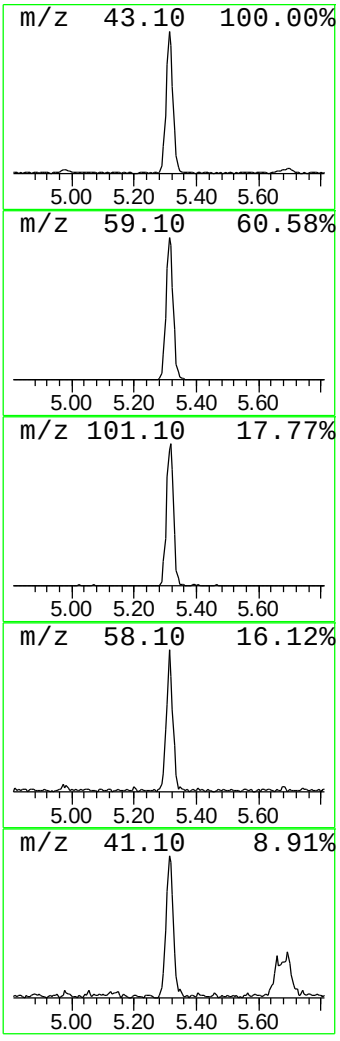
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.31	34.59 ng/ul	1049860	1,4-Dichlorobenzene-d4	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	4-Pentene-2-ol, 2-methyl	100	C6H12O	000624-97-5	23





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Sample : H5695-16
Misc :
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Instrument : BNA_G
ClientSampleId : JHSY9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION

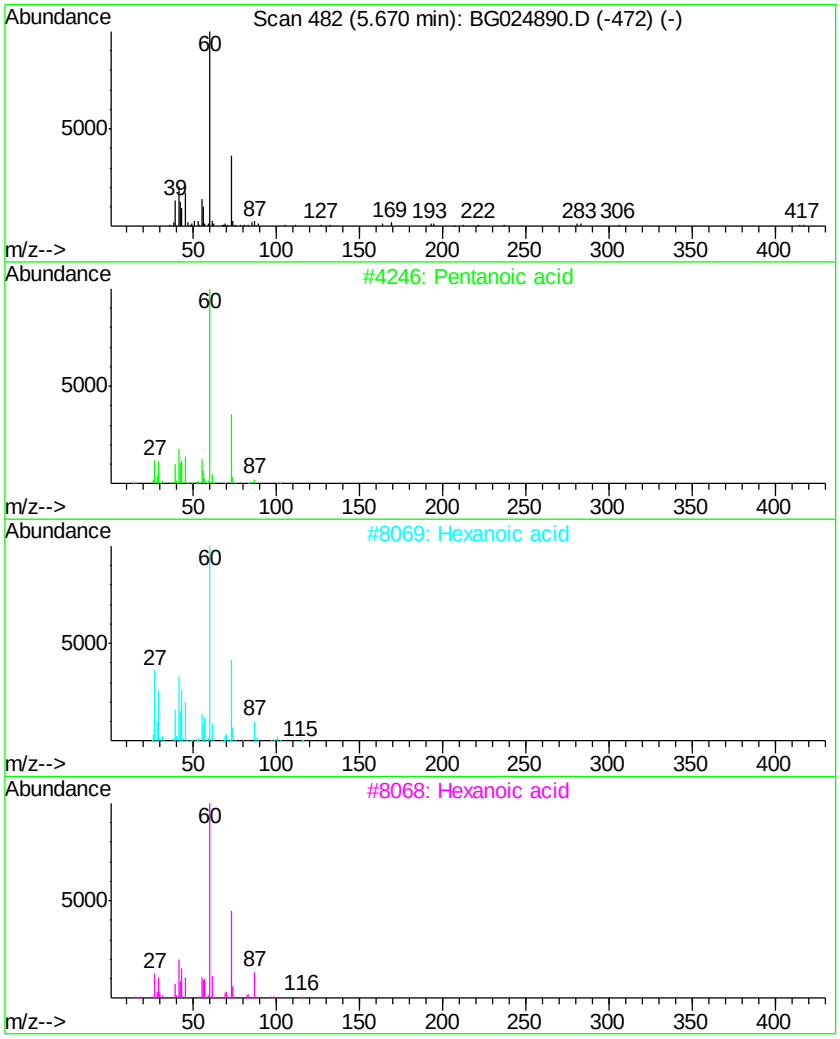
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

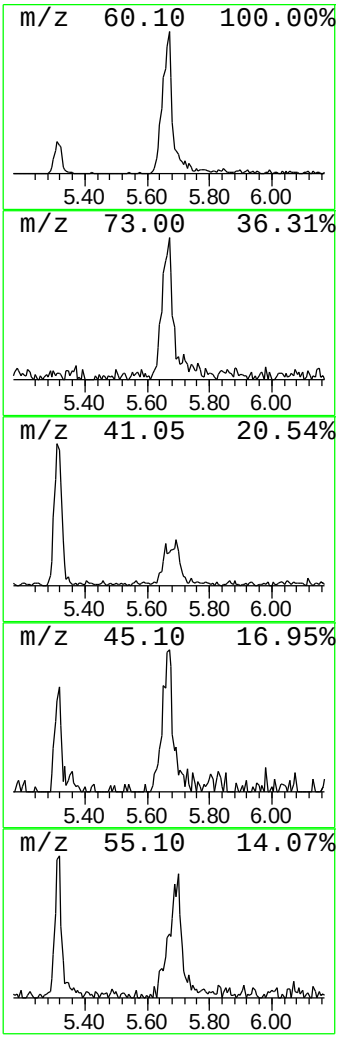
****

Peak Number 4 Pentanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.67	7.75 ng/ul	235058	1,4-Dichlorobenzene-d4	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanoic acid	102	C5H10O2	000109-52-4	72
2	Hexanoic acid	116	C6H12O2	000142-62-1	72
3	Hexanoic acid	116	C6H12O2	000142-62-1	56
4	Butanoic acid	88	C4H8O2	000107-92-6	45
5	Butanoic acid	88	C4H8O2	000107-92-6	45





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG112216\
Data File : BG024890.D
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Operator : UM/SJ
Sample : H5695-16
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHSY9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION

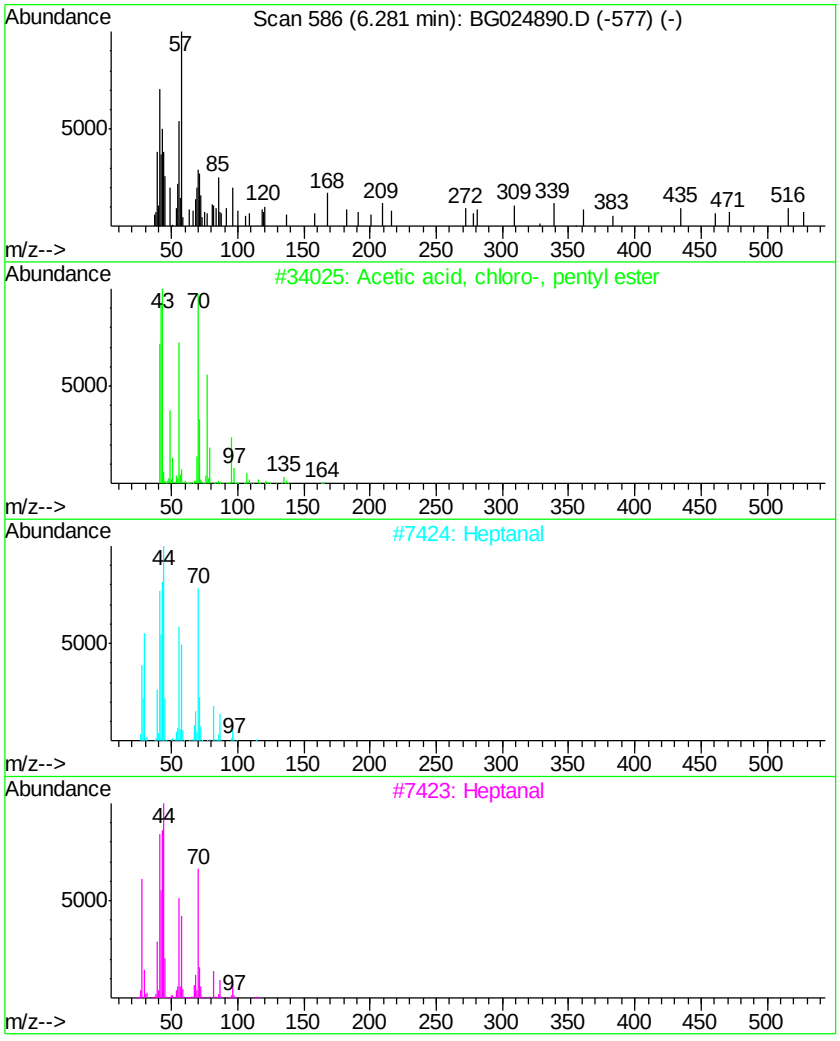
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

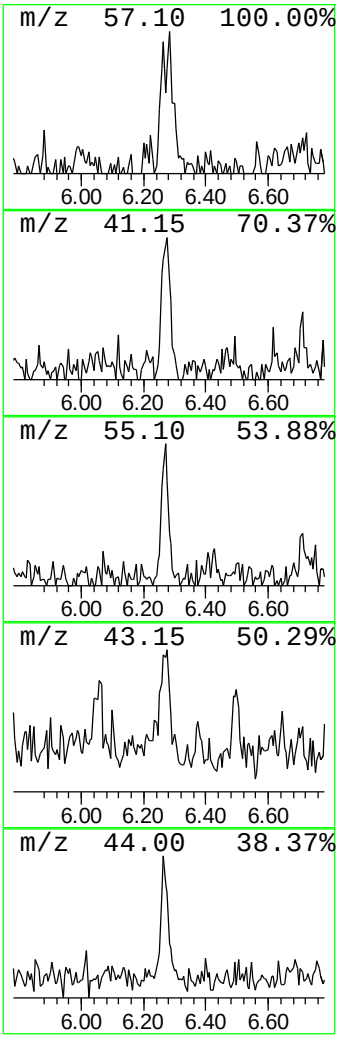
****

Peak Number 5 Acetic acid, chloro-, penty... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.28	2.66 ng/ul	80775	1,4-Dichlorobenzene-d4	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, chloro-, pentyl ester	164	C7H13ClO2	005411-55-2	50
2	Heptanal	114	C7H14O	000111-71-7	46
3	Heptanal	114	C7H14O	000111-71-7	46
4	Heptanal	114	C7H14O	000111-71-7	46
5	Heptanal	114	C7H14O	000111-71-7	43





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Acq On : 22 Nov 2016 15:57
Operator : UM/SJ
Sample : H5695-16
Misc :
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Instrument : BNA_G
ClientSampleId : JHSY9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION

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

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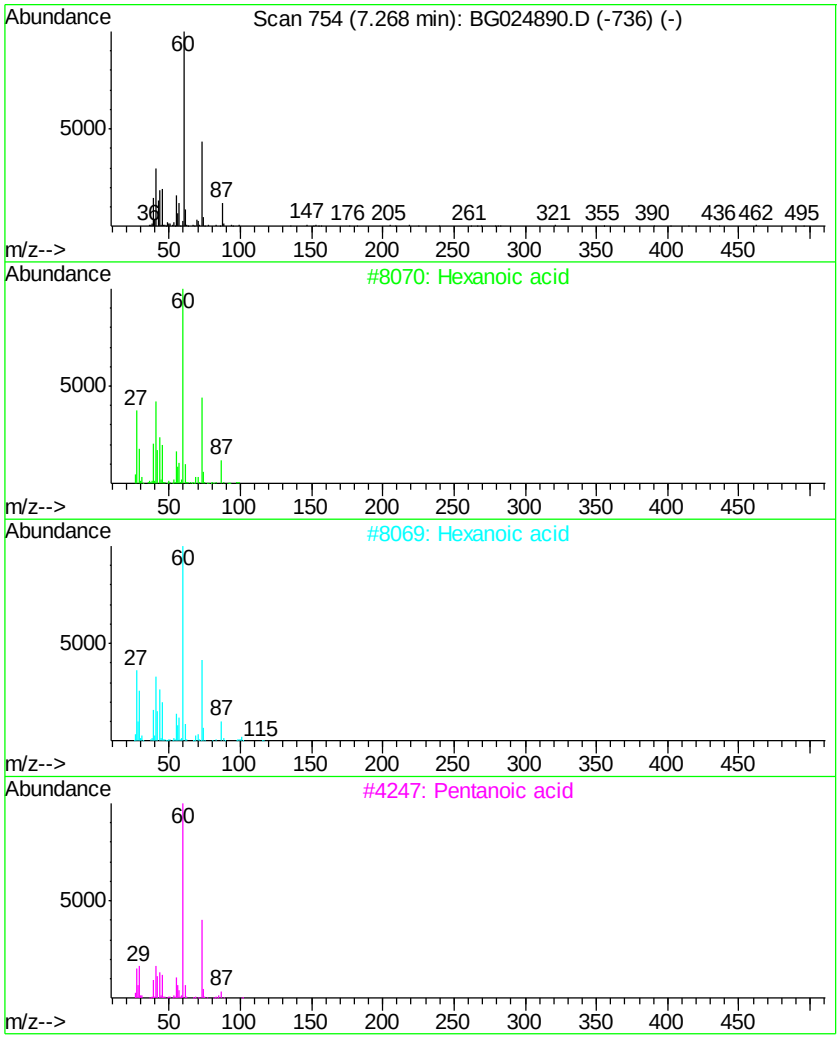
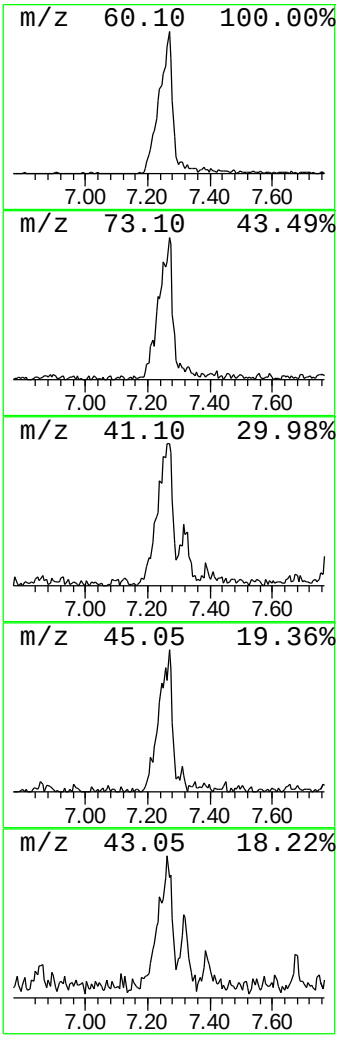
Peak Number 6 Hexanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.27	21.12 ng/ul	640969	1,4-Dichlorobenzene-d4	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid	116	C6H12O2	000142-62-1	86
2	Hexanoic acid	116	C6H12O2	000142-62-1	83
3	Pentanoic acid	102	C5H10O2	000109-52-4	72
4	Pentanoic acid	102	C5H10O2	000109-52-4	72
5	Rhamnose	164	C6H12O5	003615-41-6	64





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Instrument : BNA_G
ClientSampleId : JHSY9

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Quant Title : SVOA CALIBRATION

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

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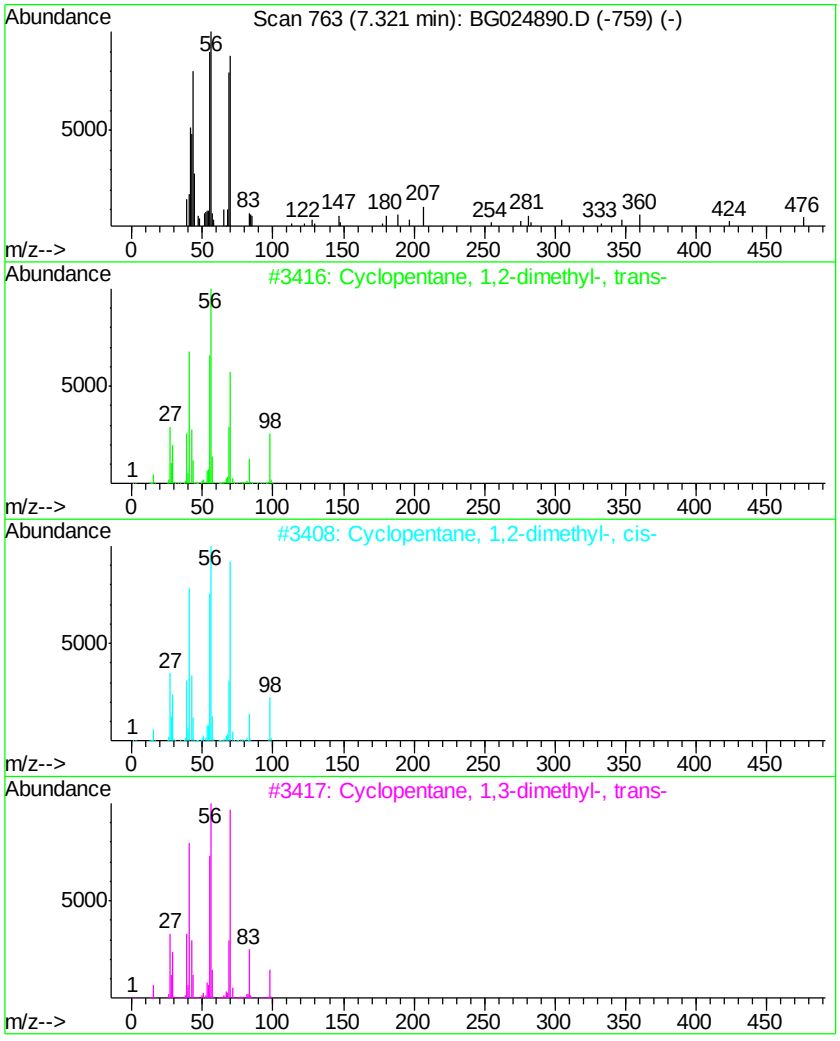
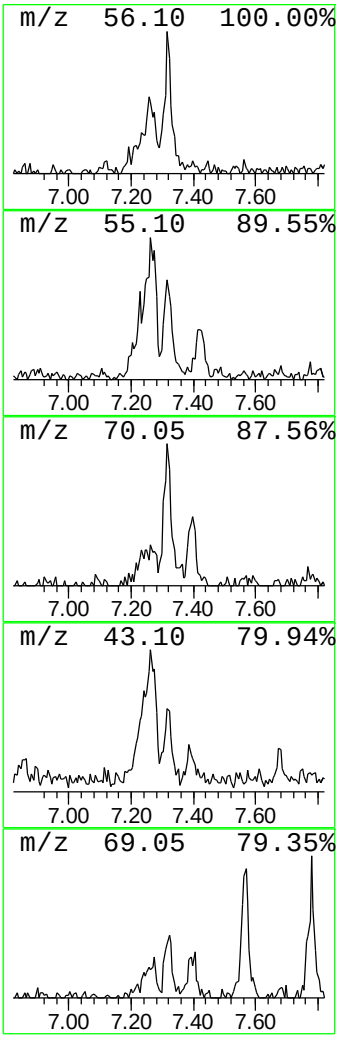
Peak Number 7 (DEL) Alkane: Cyclic7.32 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.32	3.95 ng/ul	119962	1,4-Dichlorobenzene-d4	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	47
2	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	47
3	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	47
4	Pentafluoropropionic acid, hepty...	262	C10H15F5O2	959033-16-0	47
5	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	47





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Instrument : BNA_G
ClientSampleId : JHSY9

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Quant Title : SVOA CALIBRATION

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

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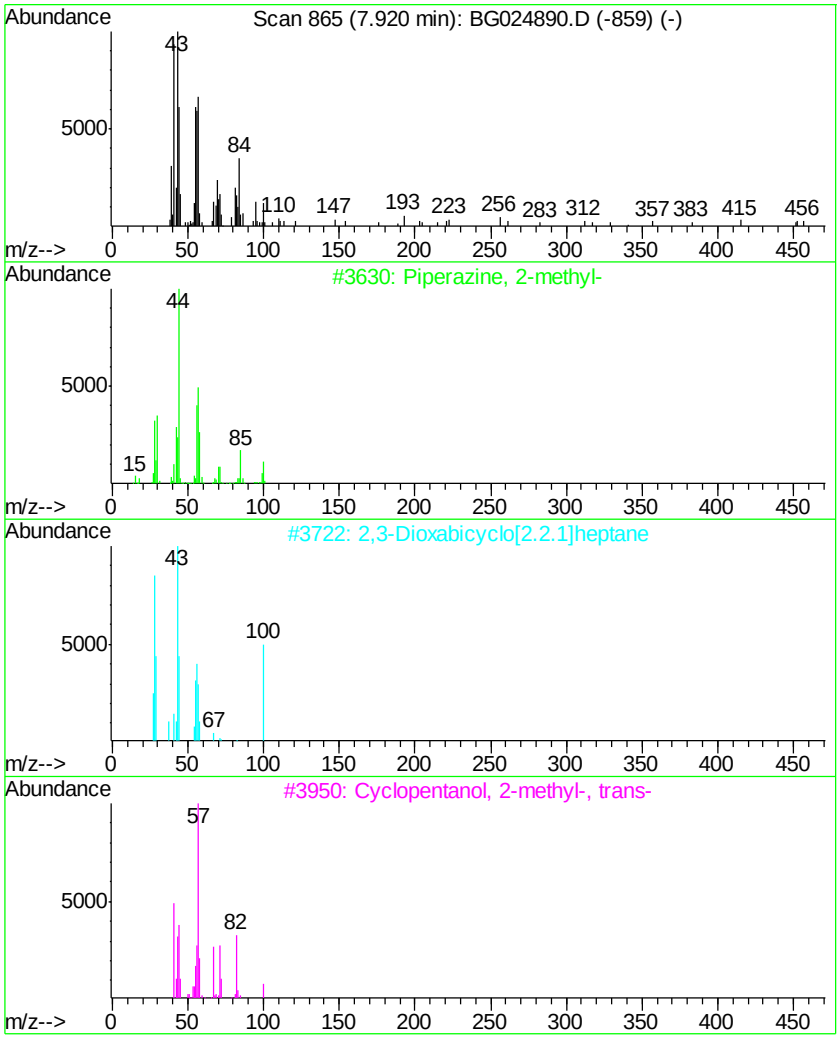
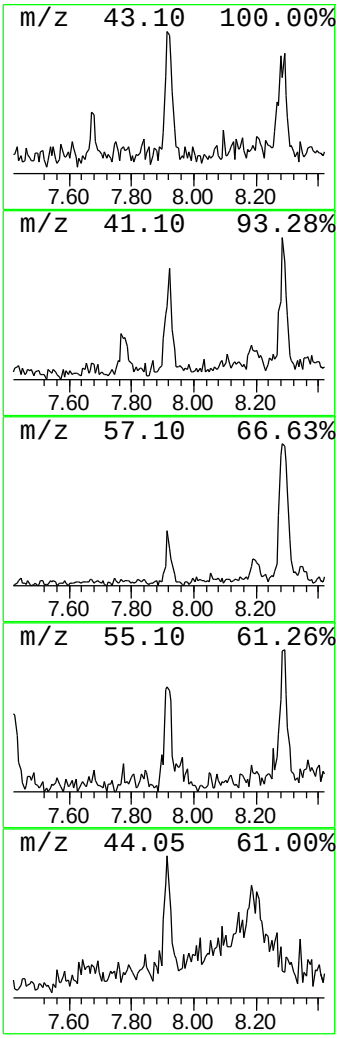
Peak Number 8 Piperazine, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.92	3.87 ng/ul	117379	1,4-Dichlorobenzene-d4	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Piperazine, 2-methyl-	100	C5H12N2	000109-07-9	53
2	2,3-Dioxabicyclo[2.2.1]heptane	100	C5H8O2	000279-35-6	52
3	Cyclopentanol, 2-methyl-, trans-	100	C6H12O	025144-04-1	45
4	Cyclopentanol, 2-methyl-, cis-	100	C6H12O	025144-05-2	41
5	3,3,5-Trimethylhexahydroazepine,...	183	C11H21NO	1000132-31-8	38





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ClientSampleId : JHSY9

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Quant Title : SVOA CALIBRATION

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

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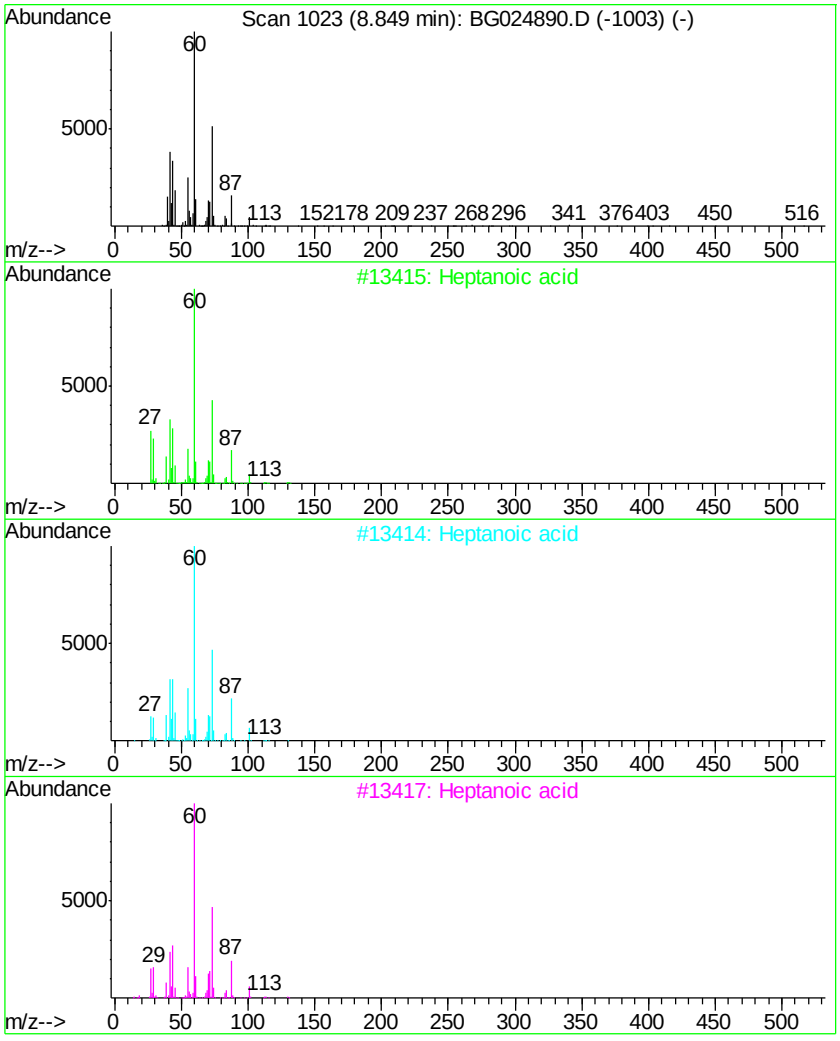
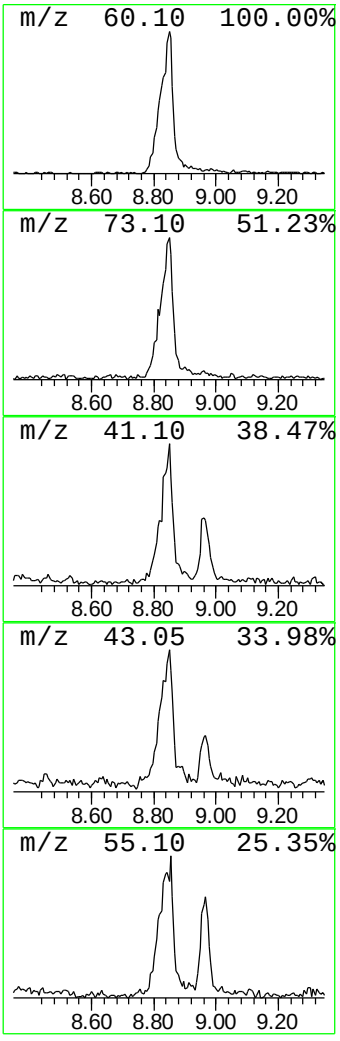
Peak Number 9 Heptanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.85	28.40 ng/ul	861878	1,4-Dichlorobenzene-d4	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanoic acid	130	C7H14O2	000111-14-8	86
2	Heptanoic acid	130	C7H14O2	000111-14-8	86
3	Heptanoic acid	130	C7H14O2	000111-14-8	78
4	Hexanoic acid	116	C6H12O2	000142-62-1	74
5	Heptanoic acid	130	C7H14O2	000111-14-8	72





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Instrument : BNA_G
ClientSampleId : JHSY9

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Quant Title : SVOA CALIBRATION

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

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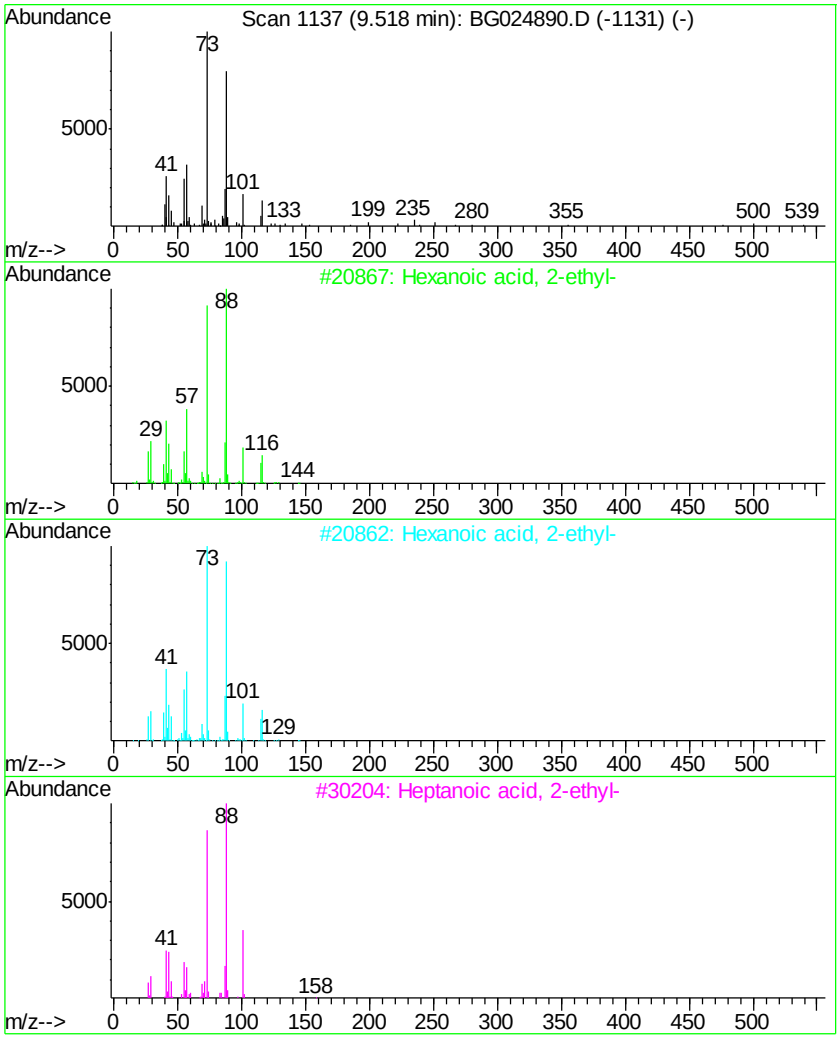
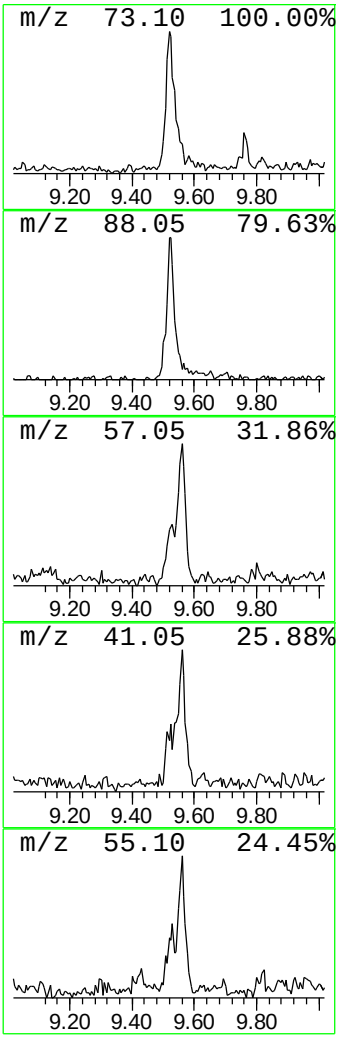
Peak Number 10 Hexanoic acid, 2-ethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.52	4.71 ng/ul	143008	1,4-Dichlorobenzene-d4	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	78
2	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	64
3	Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	64
4	Methyl 2,3-di-O-methyl-.beta.-L-...	192	C8H16O5	053989-92-7	56
5	Undecanoic acid, 2-methyl-, meth...	214	C13H26O2	055955-69-6	45





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ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHSY9

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Quant Title : SVOA CALIBRATION

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

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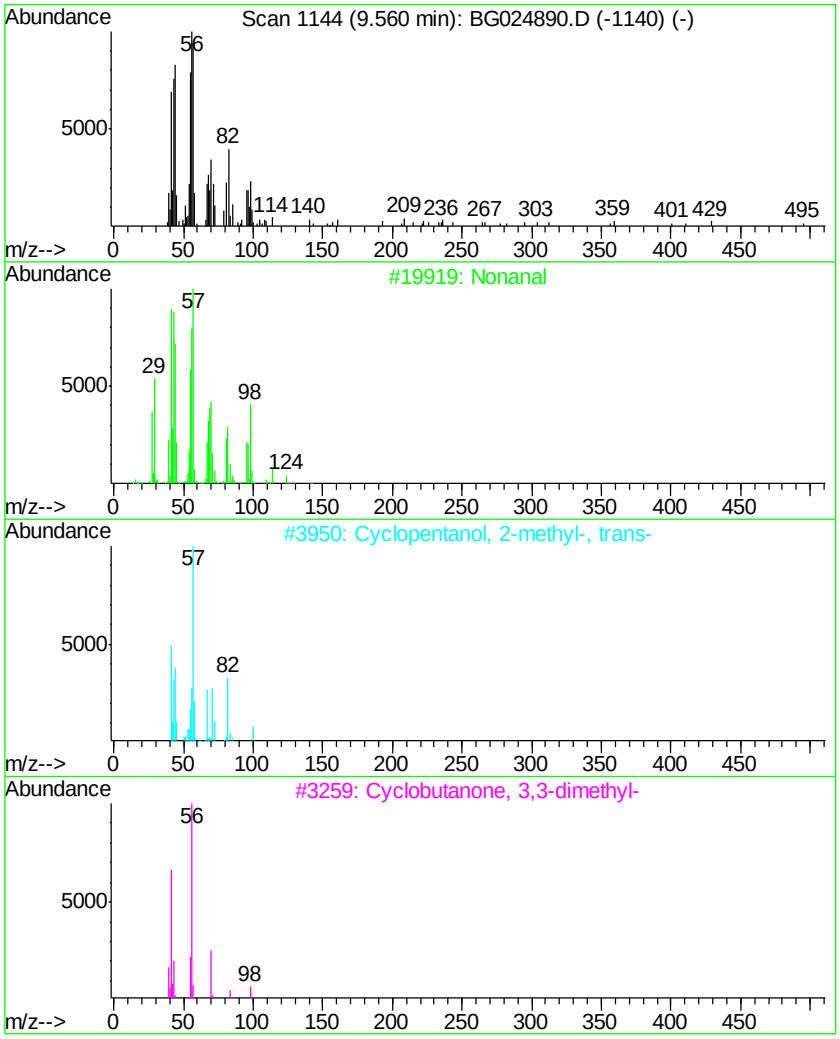
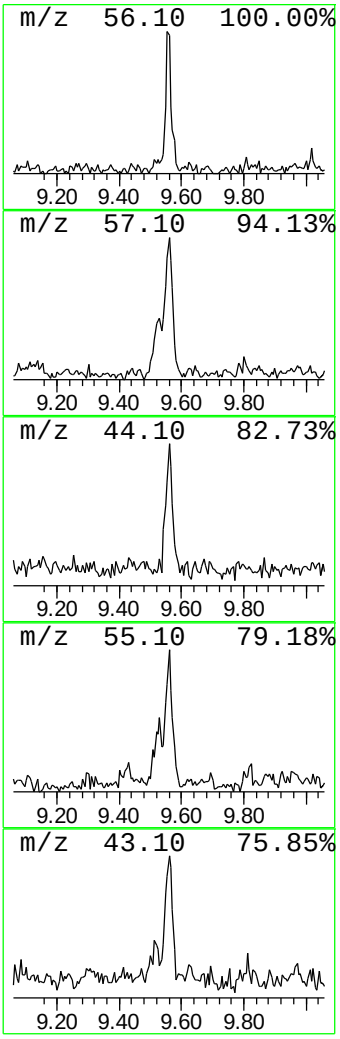
Peak Number 11 unknown-02 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.56	7.35 ng/ul	223083	1,4-Dichlorobenzene-d4	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanal	142	C9H18O	000124-19-6	35
2	Cyclopentanol, 2-methyl-, trans-	100	C6H12O	025144-04-1	35
3	Cyclobutanone, 3,3-dimethyl-	98	C6H10O	001192-33-2	35
4	(Z)-2-Heptene	98	C7H14	006443-92-1	30
5	(Z)-Hex-2-ene, 5-methyl-	98	C7H14	013151-17-2	30





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ClientSampleId : JHSY9

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Quant Title : SVOA CALIBRATION

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

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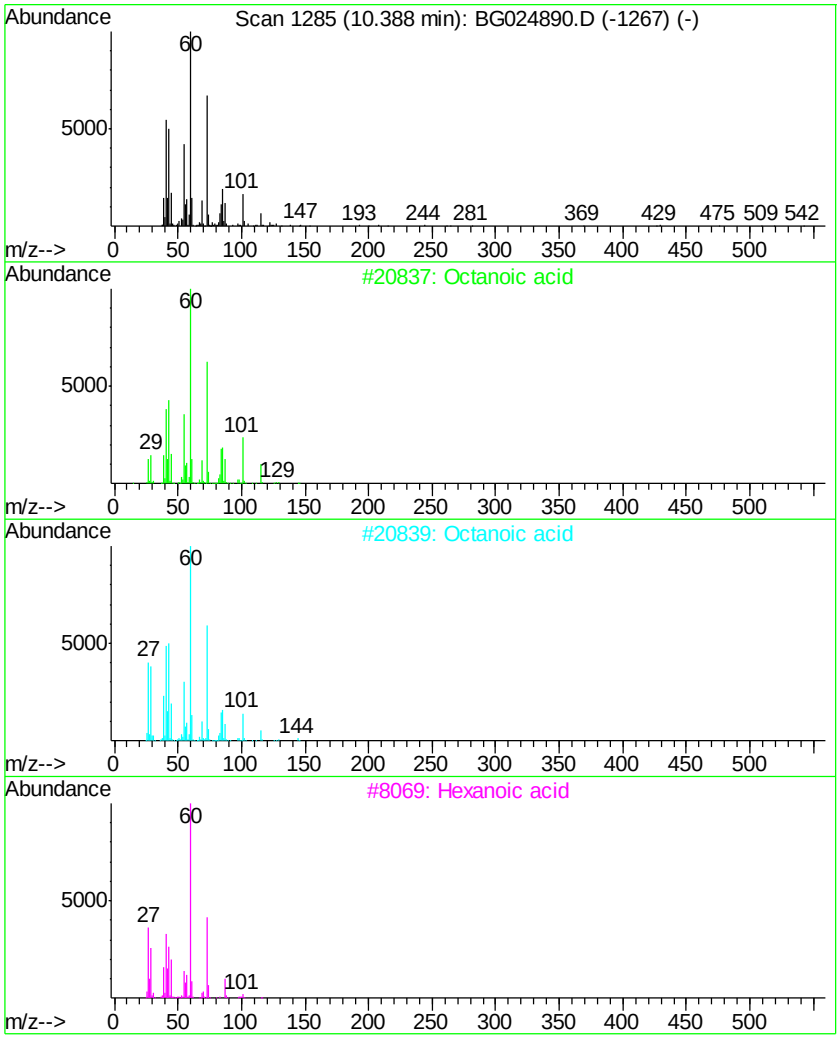
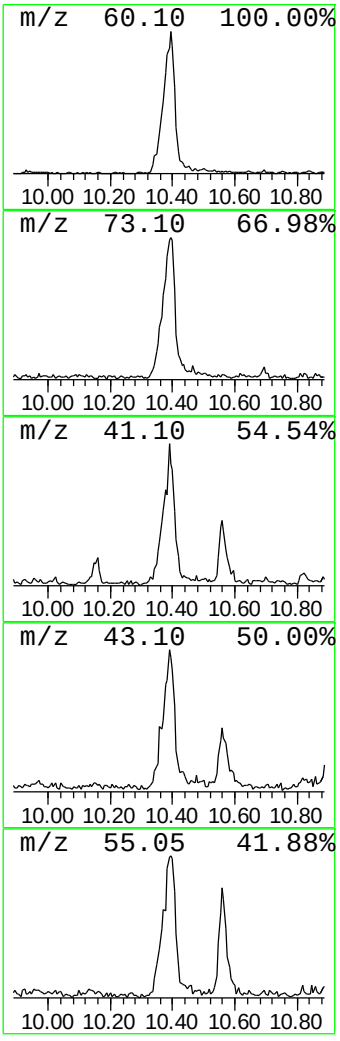
Peak Number 12 Octanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.39	31.96 ng/ul	1068010	Naphthalene-d8	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanoic acid	144	C8H16O2	000124-07-2	96
2	Octanoic acid	144	C8H16O2	000124-07-2	78
3	Hexanoic acid	116	C6H12O2	000142-62-1	59
4	Hexanoic acid	116	C6H12O2	000142-62-1	53
5	Pentanoic acid	102	C5H10O2	000109-52-4	50





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Quant Title : SVOA CALIBRATION

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

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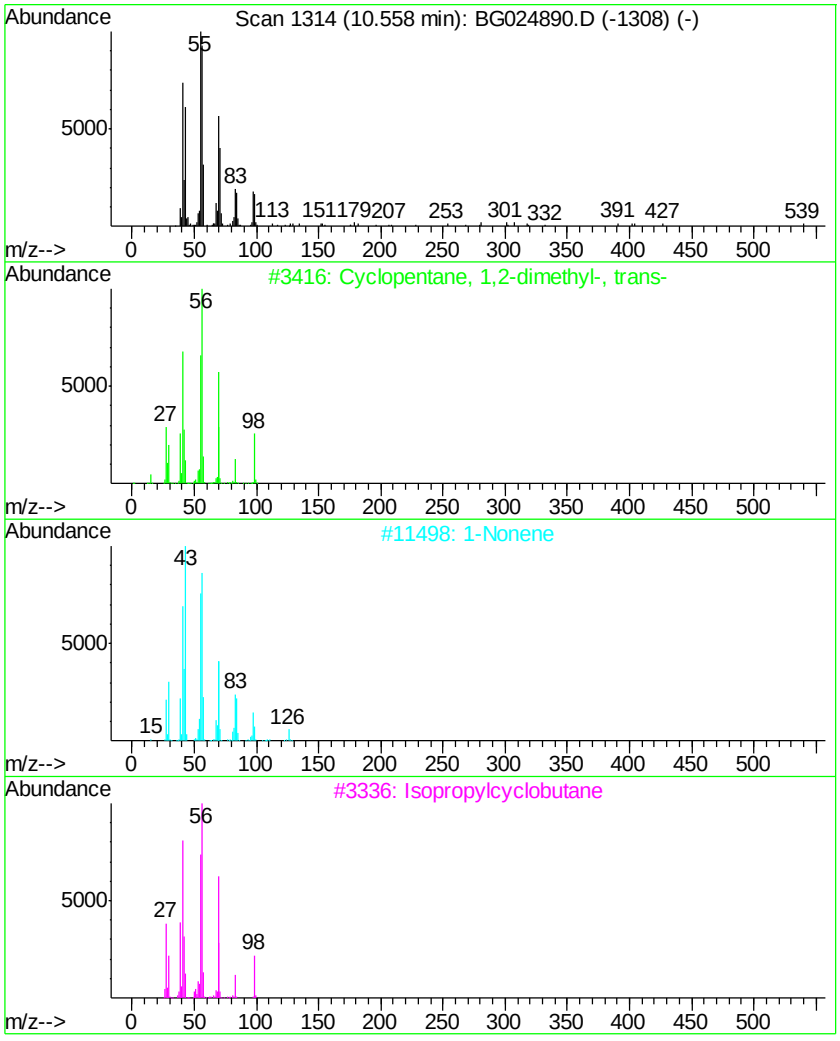
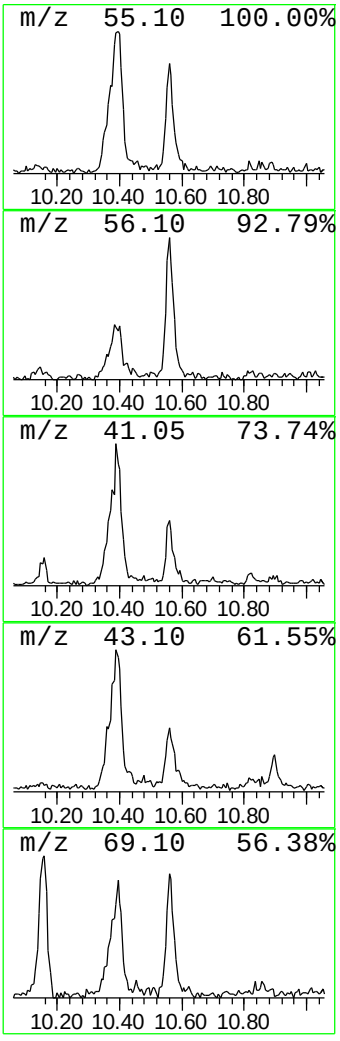
Peak Number 13 (DEL) Alkane: Cyclic10.56 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	8.06 ng/ul	269235	Naphthalene-d8	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	72
2	1-Nonene	126	C9H18	000124-11-8	72
3	Isopropylcyclobutane	98	C7H14	000872-56-0	72
4	1-Heptene	98	C7H14	000592-76-7	72
5	1-Heptene	98	C7H14	000592-76-7	64





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ClientSampleId : JHSY9

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Quant Title : SVOA CALIBRATION

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

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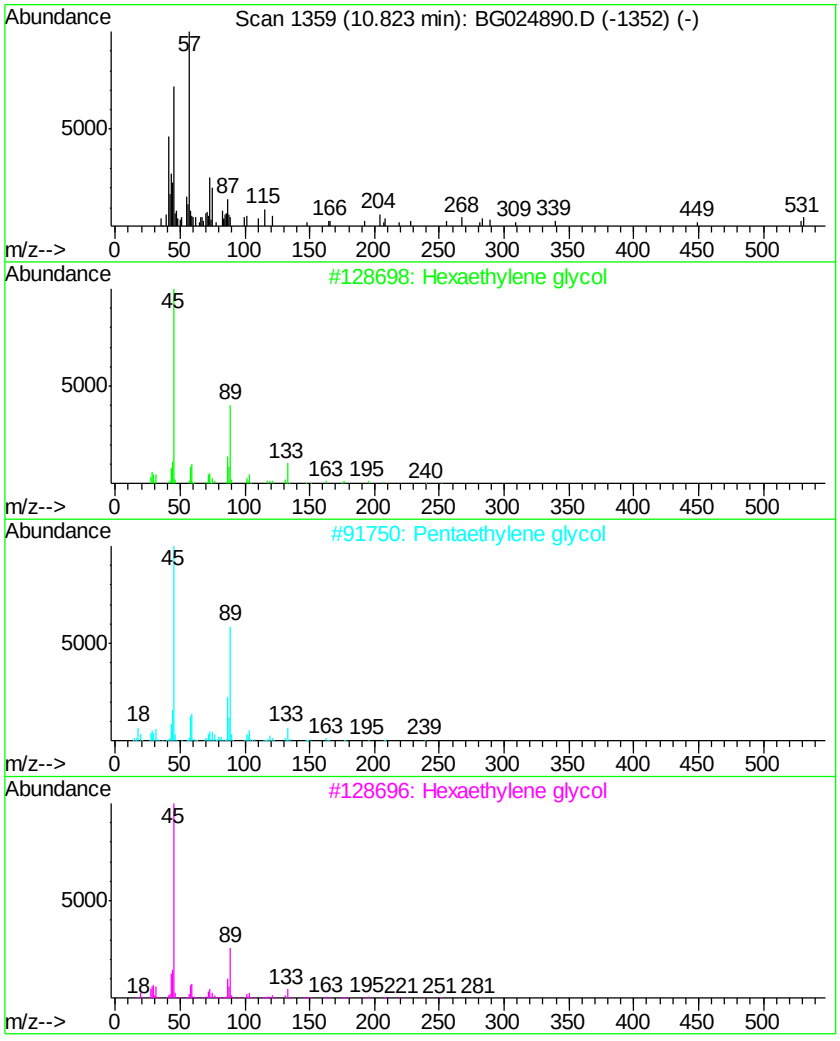
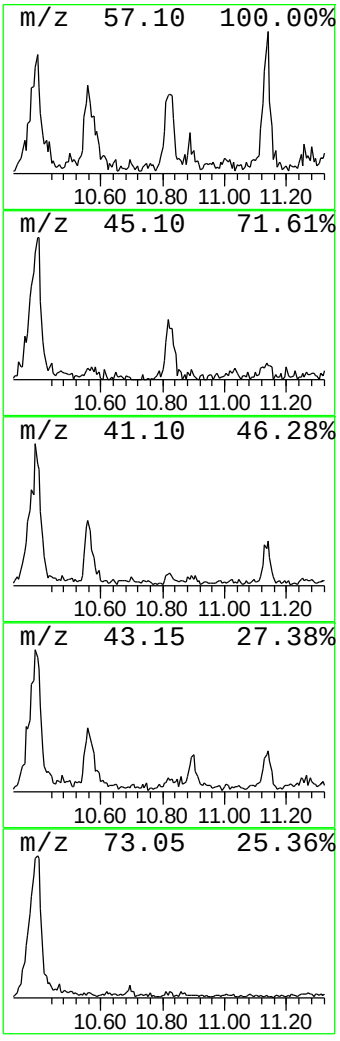
Peak Number 14 Hexaethylene glycol Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.82	2.35 ng/ul	78664	Naphthalene-d8	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexaethylene glycol	282	C12H26O7	002615-15-8	53
2	Pentaethylene glycol	238	C10H22O6	004792-15-8	53
3	Hexaethylene glycol	282	C12H26O7	002615-15-8	53
4	Pentaethylene glycol	238	C10H22O6	004792-15-8	53
5	Ethane, 1-isothiocyanato-2-methoxy-	117	C4H7NOS	038663-85-3	47





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Quant Title : SVOA CALIBRATION

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

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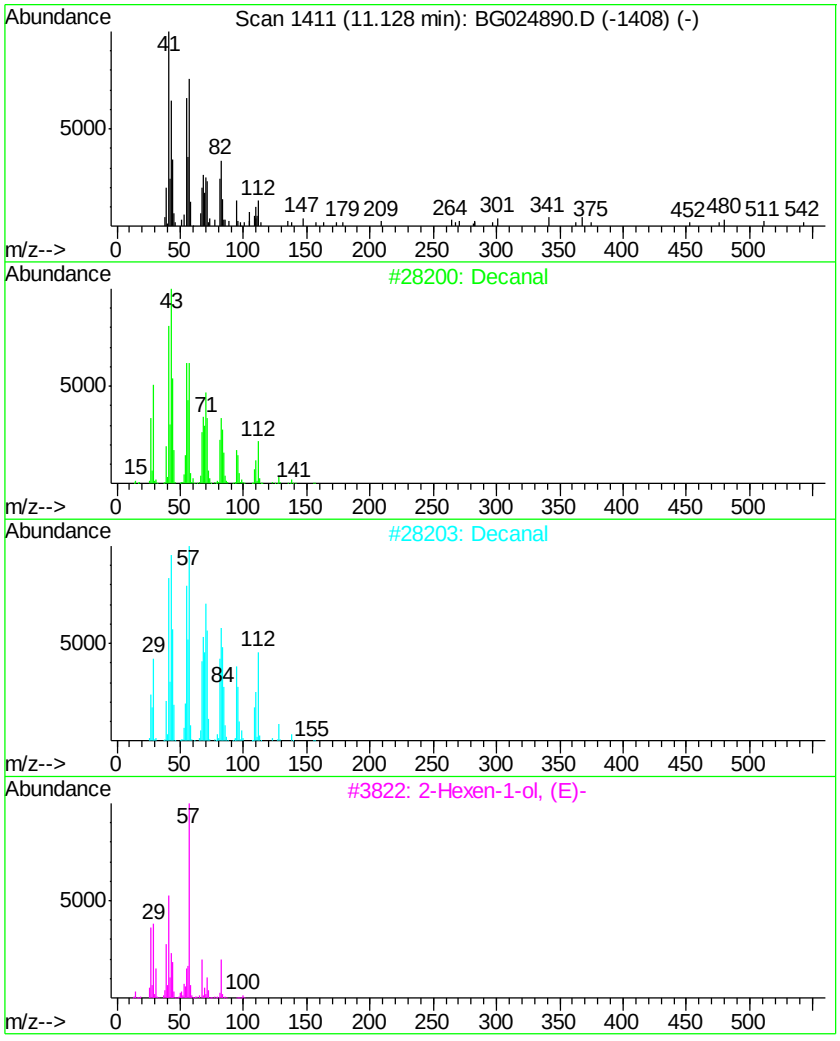
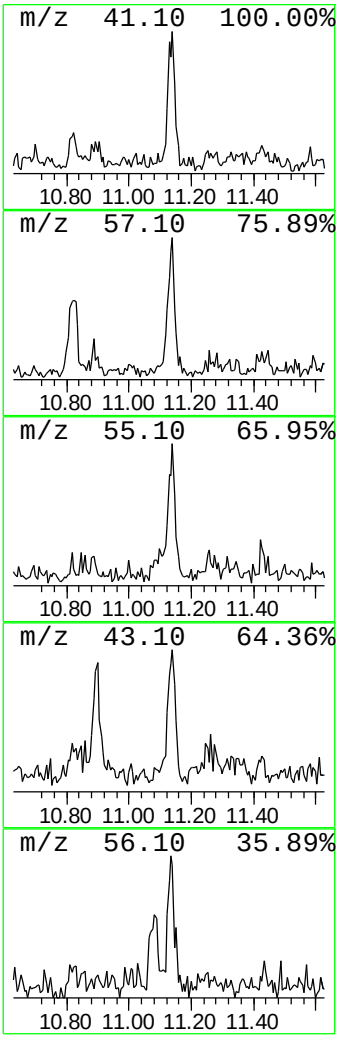
Peak Number 15 Decanal Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.13	4.63 ng/ul	154831	Naphthalene-d8	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decanal	156	C10H20O	000112-31-2	58
2	Decanal	156	C10H20O	000112-31-2	52
3	2-Hexen-1-ol, (E)-	100	C6H12O	000928-95-0	43
4	1-Octene	112	C8H16	000111-66-0	41
5	trans-1-Butyl-2-methylcyclopropane	112	C8H16	038851-70-6	38





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Quant Title : SVOA CALIBRATION

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

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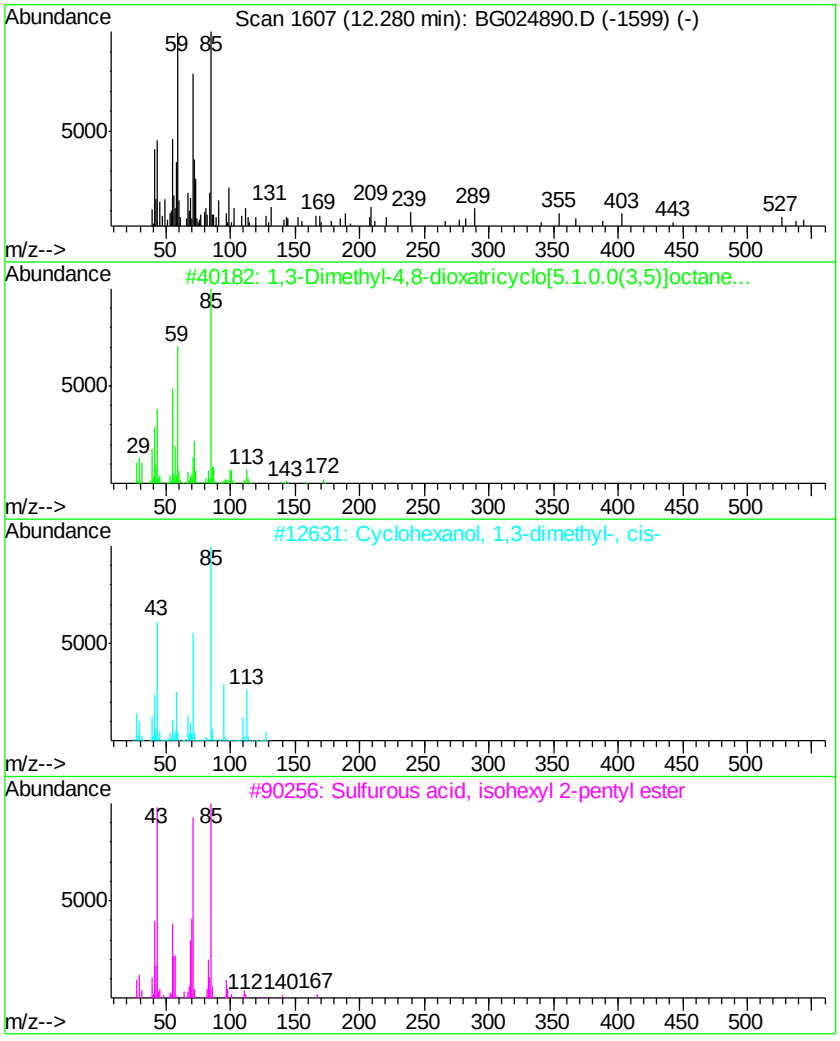
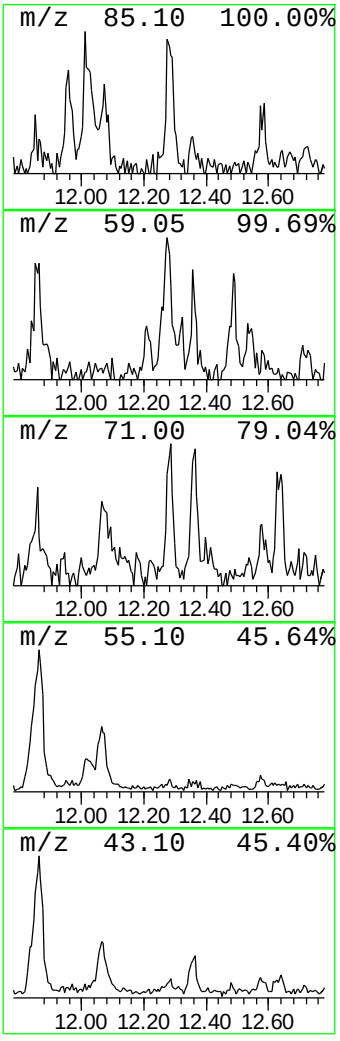
Peak Number 17 unknown-03 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.28	2.55 ng/ul	85170	Naphthalene-d8	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dimethyl-4,8-dioxatricyclo[5...	172	C8H12O4	1000186-19-0	43
2	Cyclohexanol, 1,3-dimethyl-, cis-	128	C8H16O	015466-94-1	43
3	Sulfurous acid, isohexyl 2-penty...	236	C11H24O3S	1000309-15-5	43
4	Valeric acid, 3-pentadecyl ester	312	C20H40O2	1000281-99-3	14
5	Valeric acid, 3-tetradecyl ester	298	C19H38O2	1000281-99-1	14





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ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHSY9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION

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

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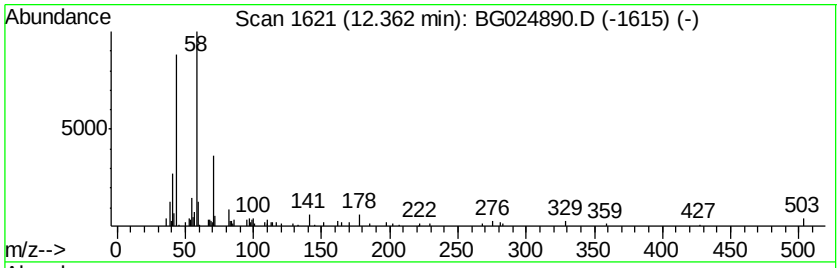
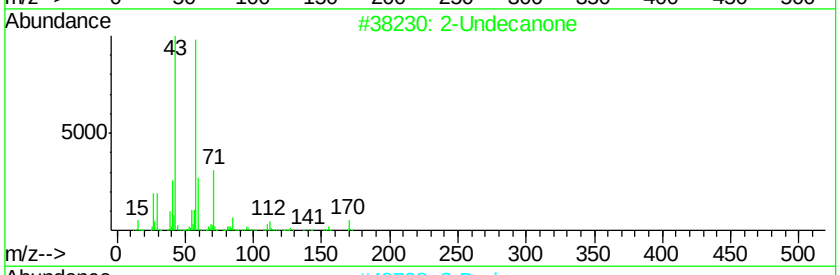
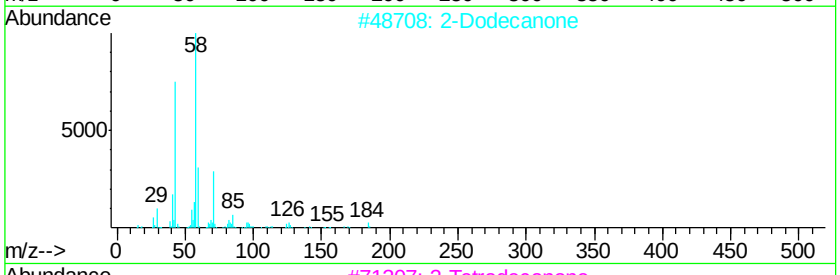
Peak Number 18 2-Undecanone Concentration Rank 28

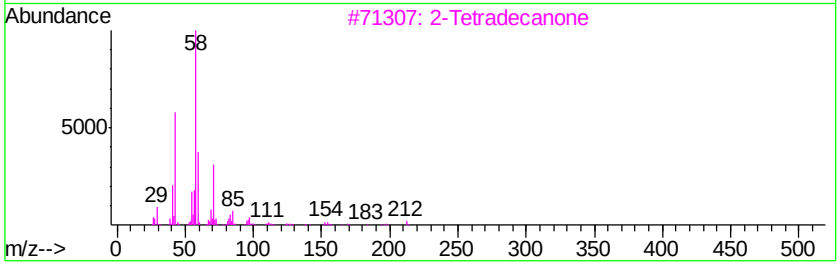
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	2.15 ng/ul	72004	Naphthalene-d8	11.08

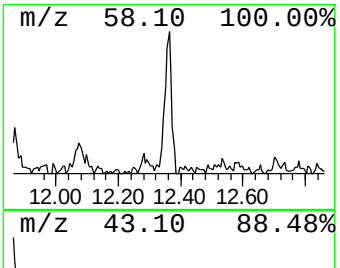
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Undecanone	170	C11H22O	000112-12-9	87
2	2-Dodecanone	184	C12H24O	006175-49-1	59
3	2-Tetradecanone	212	C14H28O	002345-27-9	59
4	2-Tridecanone	198	C13H26O	000593-08-8	59
5	2-Dodecanone	184	C12H24O	006175-49-1	59

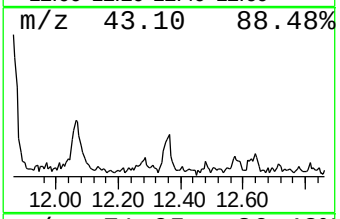


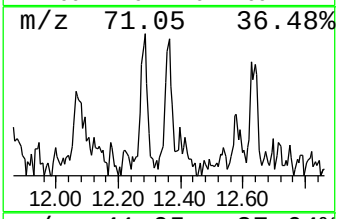


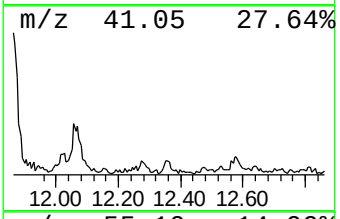


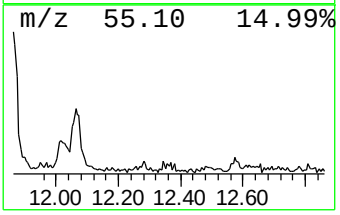












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Acq On : 22 Nov 2016 15:57
Operator : UM/SJ
Sample : H5695-16
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHSY9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION

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

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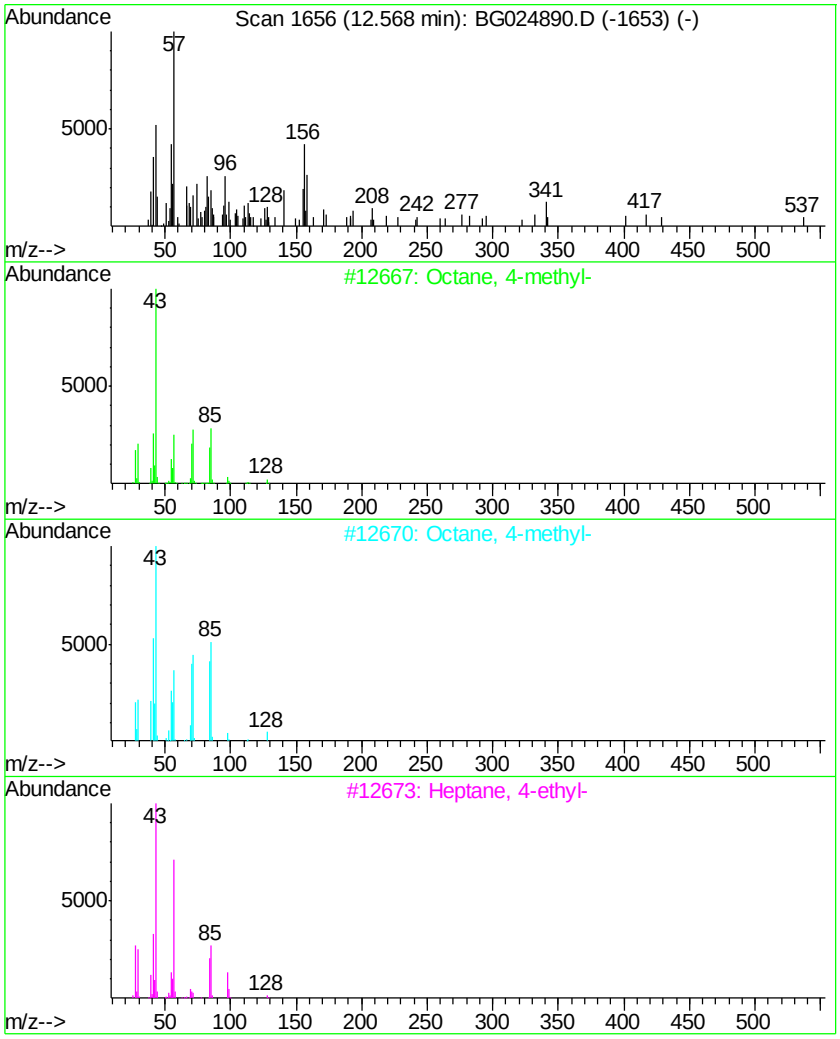
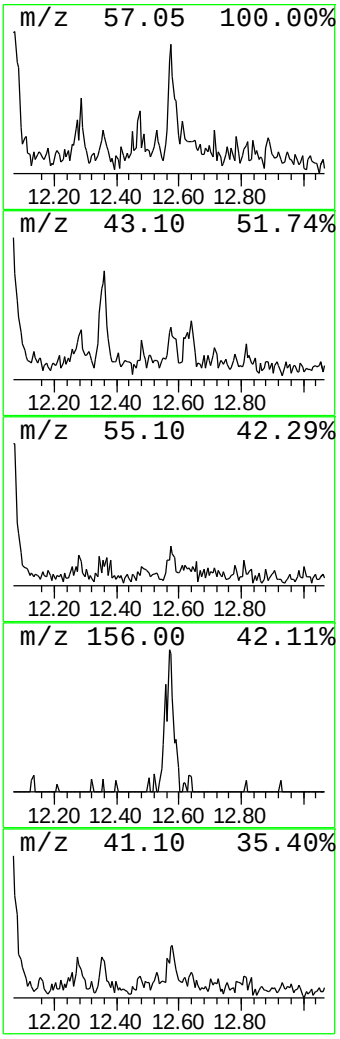
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	2.66 ng/ul	88844	Naphthalene-d8	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 4-methyl-	128	C9H20	002216-34-4	35
2	Octane, 4-methyl-	128	C9H20	002216-34-4	35
3	Heptane, 4-ethyl-	128	C9H20	002216-32-2	35
4	Nonane, 5-methyl-	142	C10H22	015869-85-9	35
5	1,3-Decadiene-7,9-dione	166	C10H14O2	1000160-87-3	35





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Operator : UM/SJ
Sample : H5695-16
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHSY9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION

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

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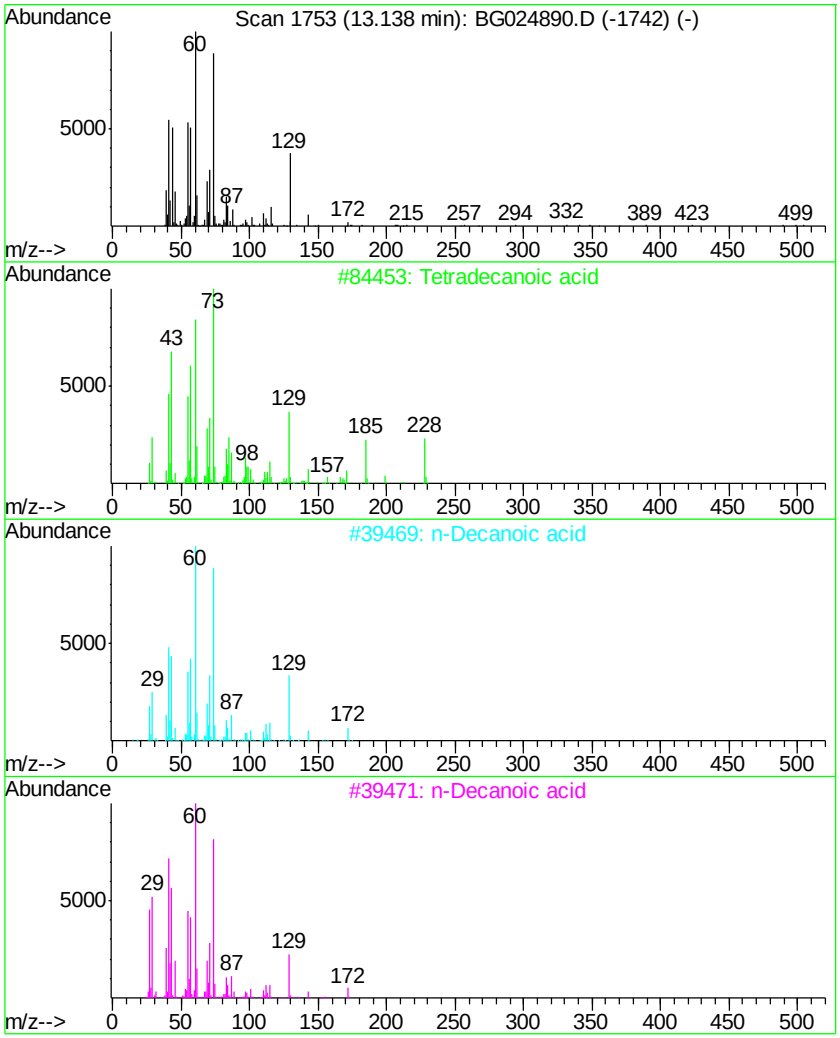
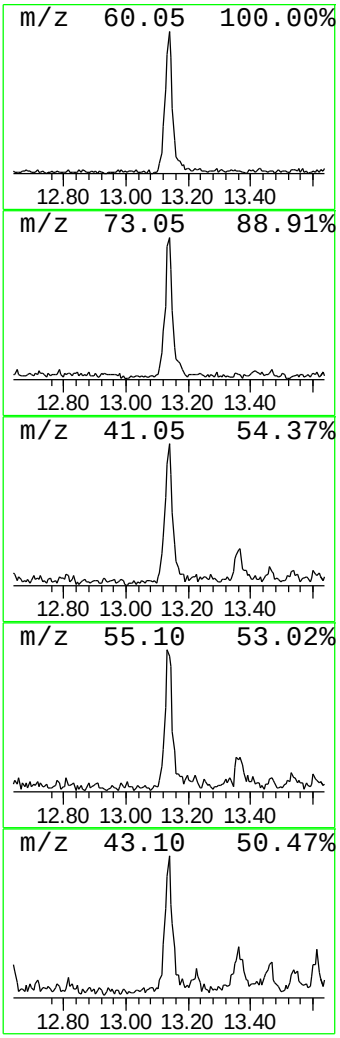
Peak Number 20 Tetradecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.14	9.86 ng/ul	533559	Acenaphthene-d10	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
2	n-Decanoic acid	172	C10H20O2	000334-48-5	74
3	n-Decanoic acid	172	C10H20O2	000334-48-5	72
4	Tridecanoic acid	214	C13H26O2	000638-53-9	56
5	n-Decanoic acid	172	C10H20O2	000334-48-5	55





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Operator : UM/SJ
Sample : H5695-16
Misc :
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Instrument : BNA_G
ClientSampleId : JHSY9

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Quant Title : SVOA CALIBRATION

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

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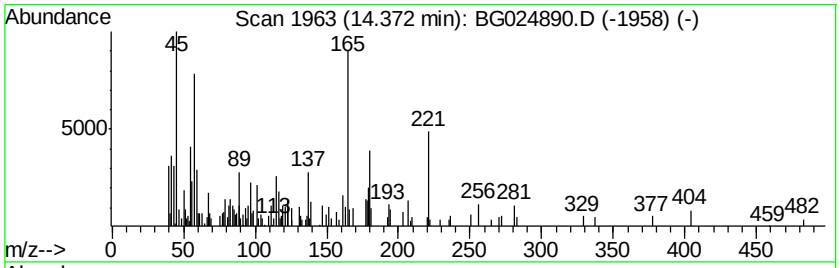
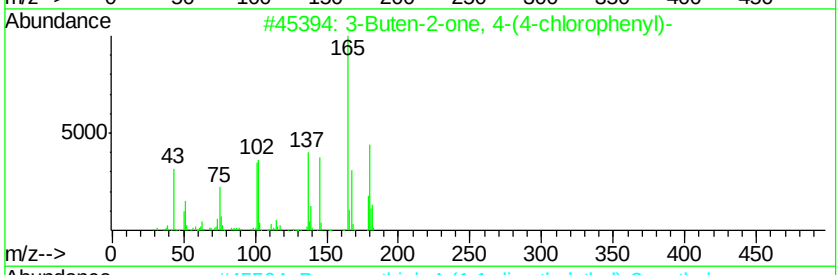
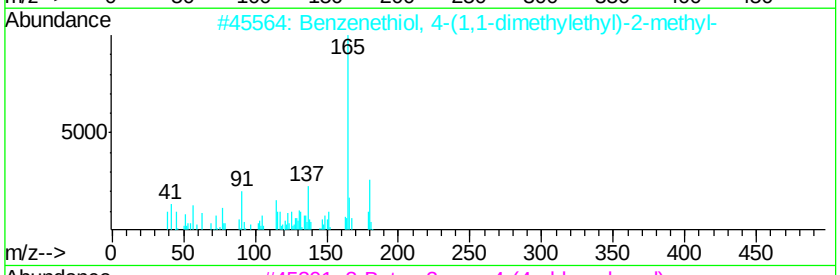
Peak Number 21 unknown-04 Concentration Rank 29

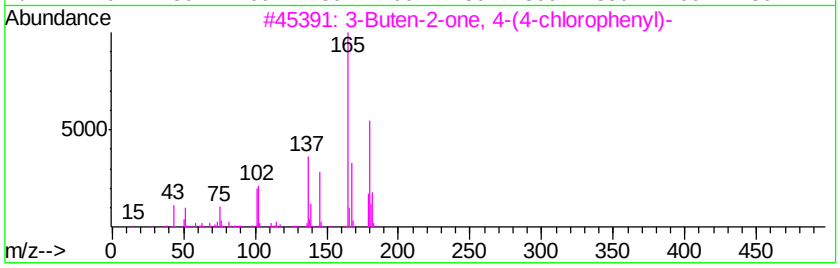
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.37	2.03 ng/ul	109744	Acenaphthene-d10	14.87

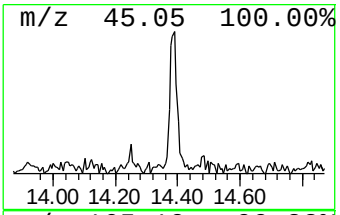
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Buten-2-one, 4-(4-chlorophenyl)-	180	C10H9ClO	003160-40-5	46
2	Benzenethiol, 4-(1,1-dimethyleth...	180	C11H16S	015570-10-2	46
3	3-Buten-2-one, 4-(4-chlorophenyl)-	180	C10H9ClO	003160-40-5	46
4	2',4'-Dimethoxyacetophenone	180	C10H12O3	000829-20-9	42
5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	41

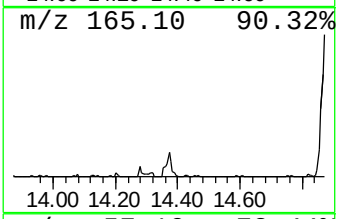


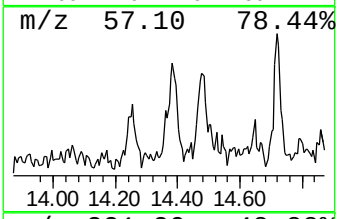


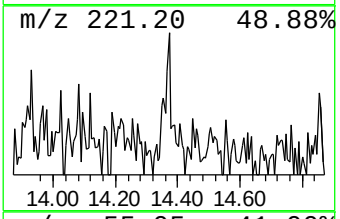


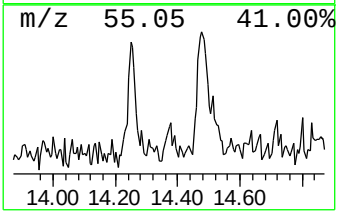












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Data File : BG024890.D
Acq On : 22 Nov 2016 15:57
Operator : UM/SJ
Sample : H5695-16
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHSY9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION

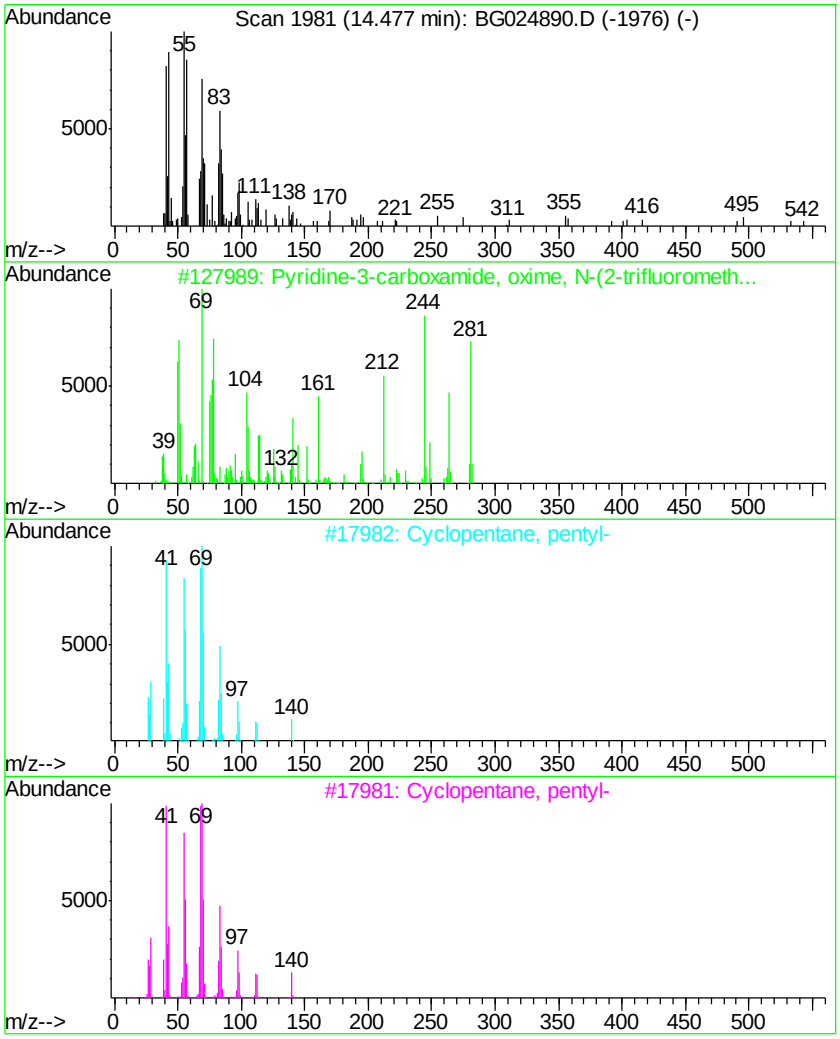
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

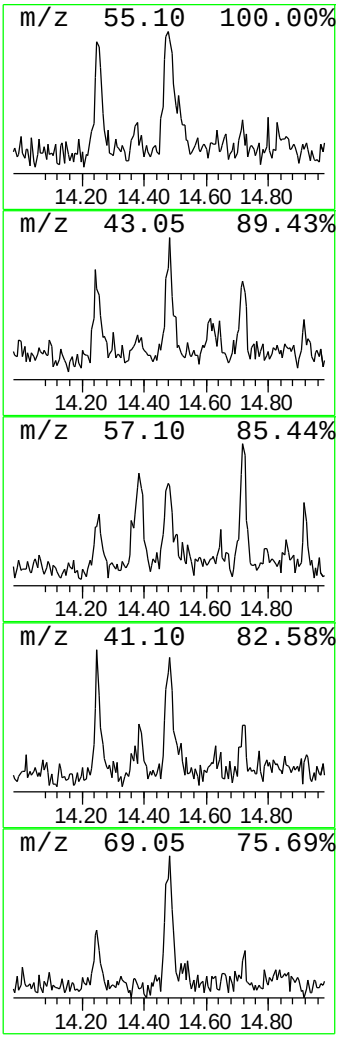
****

Peak Number 22 Pyridine-3-carboxamide, oxi... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.48	2.41 ng/ul	130187	Acenaphthene-d10	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine-3-carboxamide, oxime, N...	281	C13H10F3N3O	288246-53-7	95
2	Cyclopentane, pentyl-	140	C10H20	003741-00-2	89
3	Cyclopentane, pentyl-	140	C10H20	003741-00-2	89
4	3-Octadecene, (E)-	252	C18H36	007206-19-1	74
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	74





Library Search Compound Report

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Sample : H5695-16
Misc :
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Instrument : BNA_G
ClientSampleId : JHSY9

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Quant Title : SVOA CALIBRATION

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

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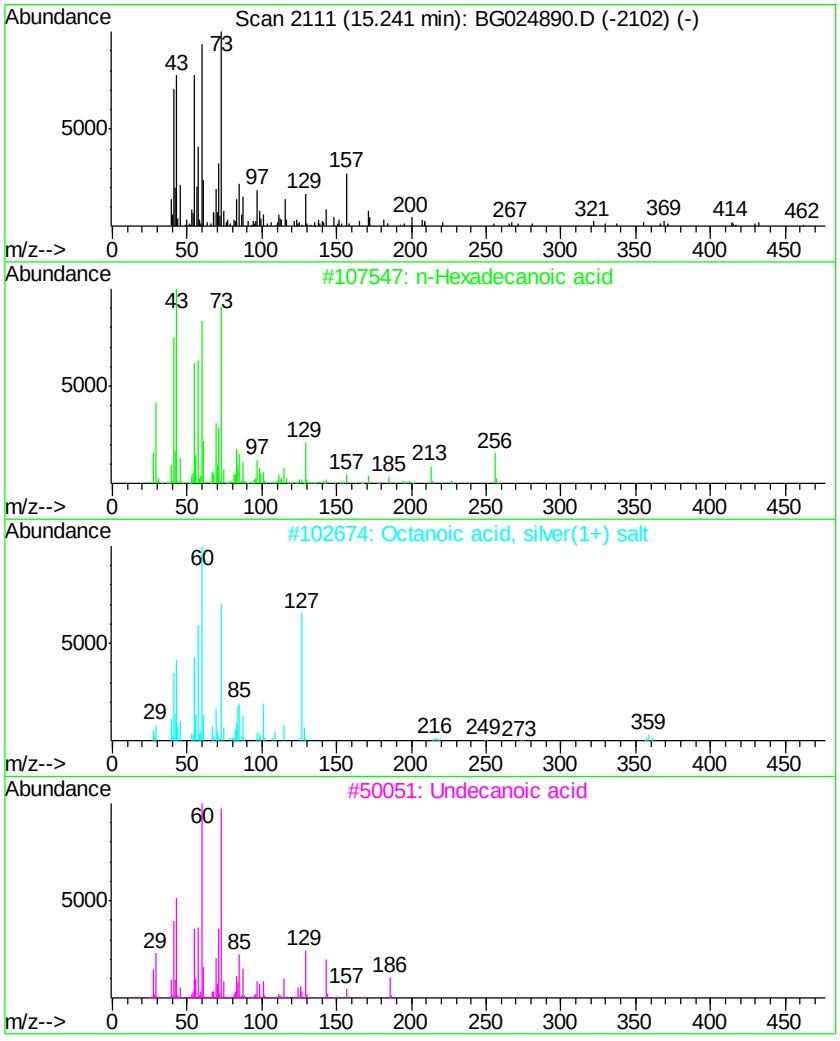
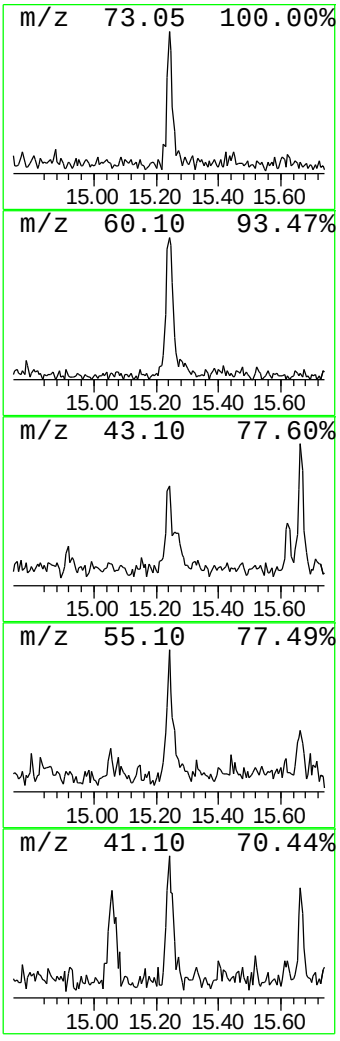
Peak Number 23 n-Hexadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.24	4.46 ng/ul	241484	Acenaphthene-d10	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
2	Octanoic acid, silver(1+) salt	250	C8H15AgO2	024927-67-1	59
3	Undecanoic acid	186	C11H22O2	000112-37-8	59
4	Tridecanoic acid	214	C13H26O2	000638-53-9	59
5	d-Glucohexodialdose	178	C6H10O6	1000149-19-1	53





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Quant Title : SVOA CALIBRATION

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

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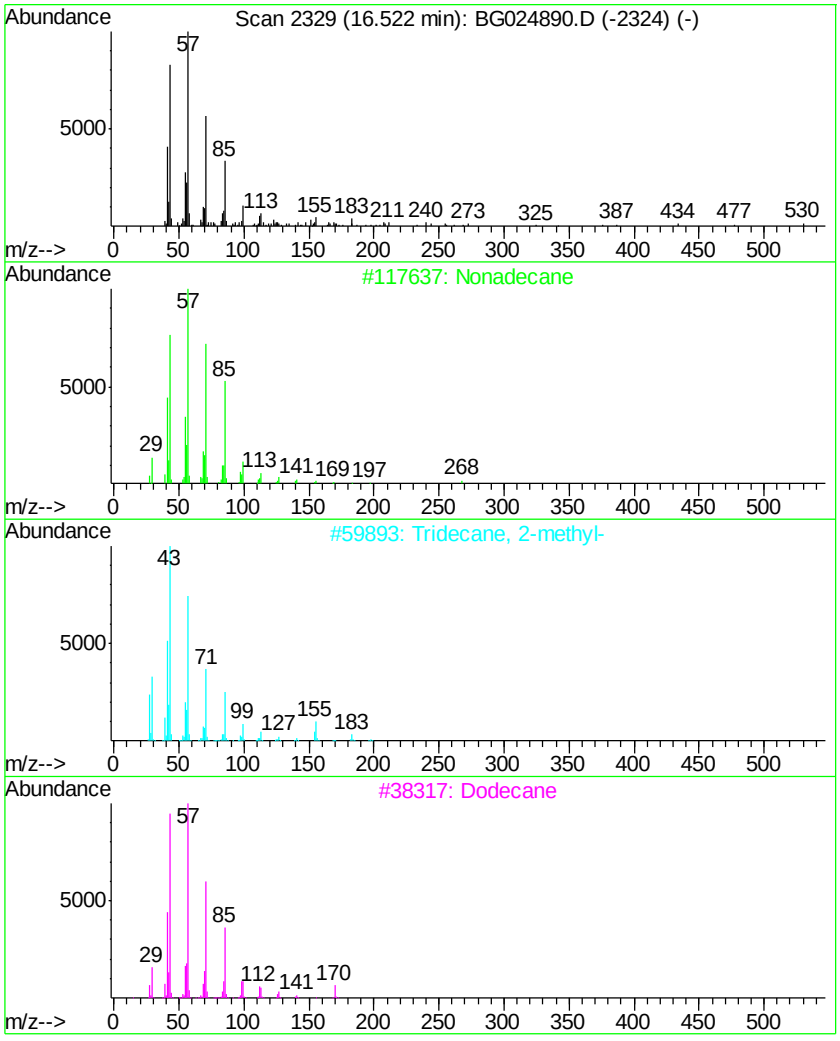
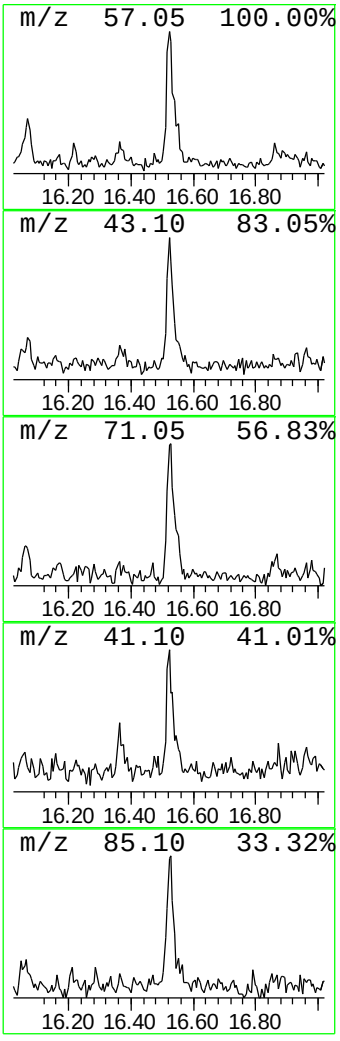
Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.52	3.02 ng/ul	230279	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	87
2	Tridecane, 2-methyl-	198	C14H30	001560-96-9	87
3	Dodecane	170	C12H26	000112-40-3	86
4	Tridecane	184	C13H28	000629-50-5	86
5	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	86





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ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHSY9

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Quant Title : SVOA CALIBRATION

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

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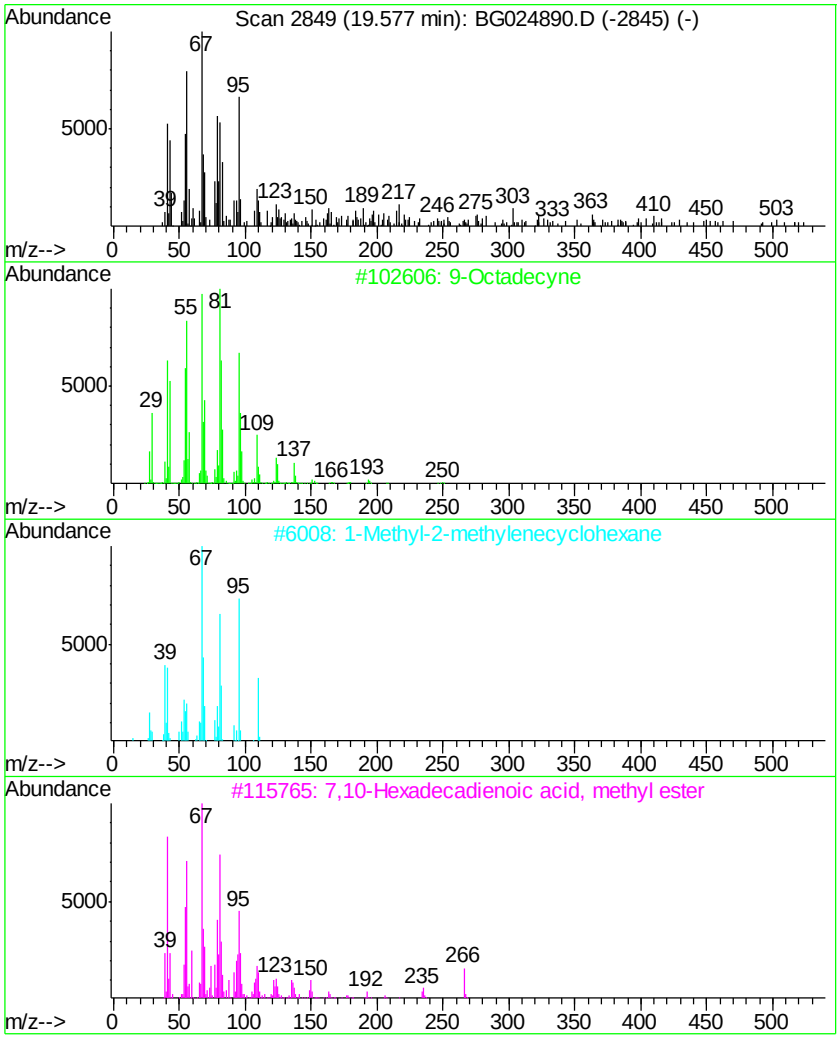
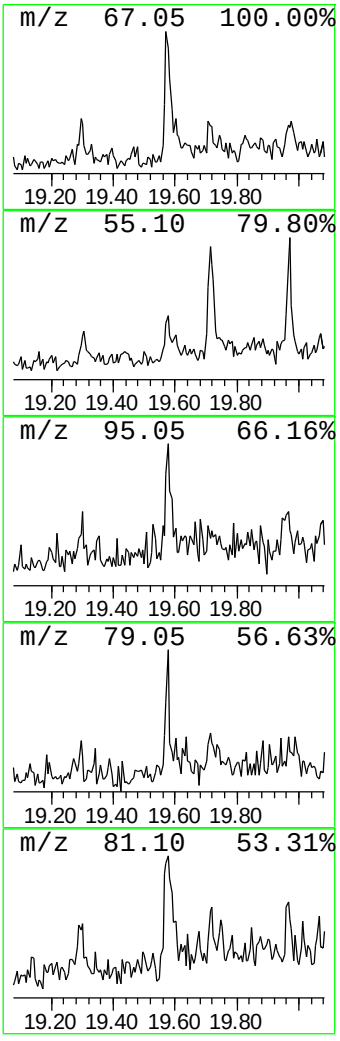
Peak Number 26 9-Octadecyne Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.58	2.21 ng/ul	168343	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecyne	250	C18H34	035365-59-4	72
2	1-Methyl-2-methylenecyclohexane	110	C8H14	002808-75-5	72
3	7,10-Hexadecadienoic acid, methy...	266	C17H30O2	016106-03-9	72
4	3-Nonyne	124	C9H16	020184-89-8	72
5	3-Octyne, 7-methyl-	124	C9H16	037050-06-9	72





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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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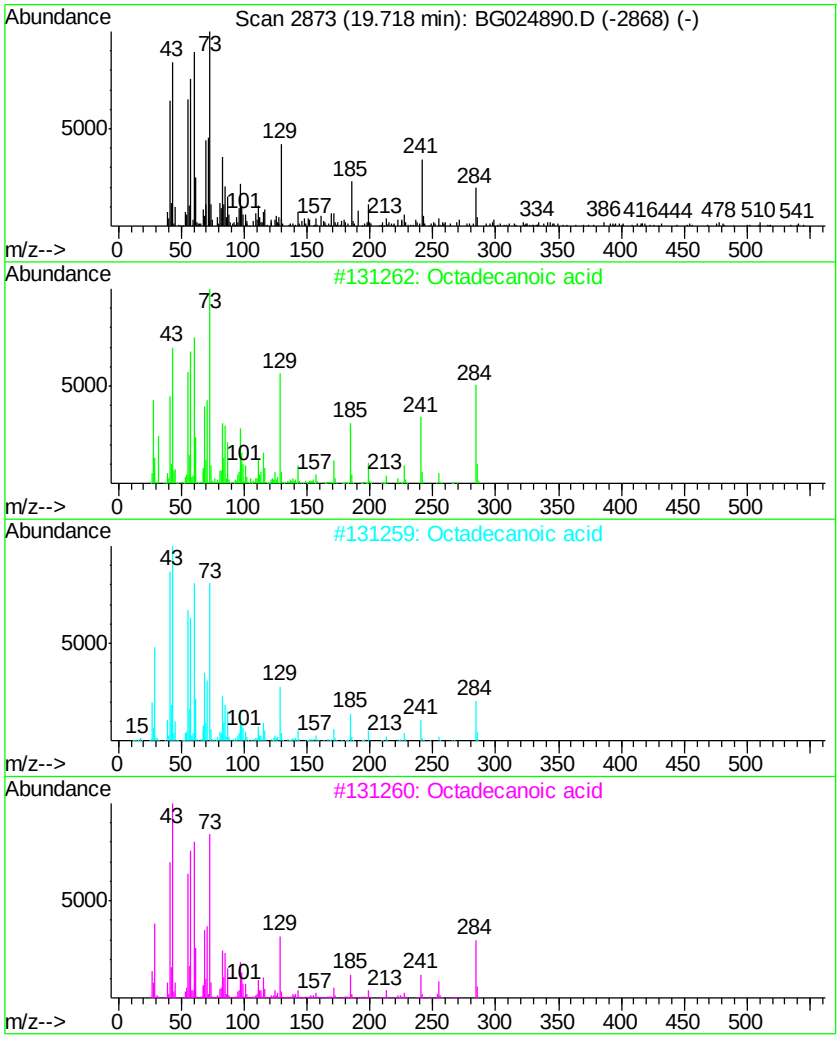
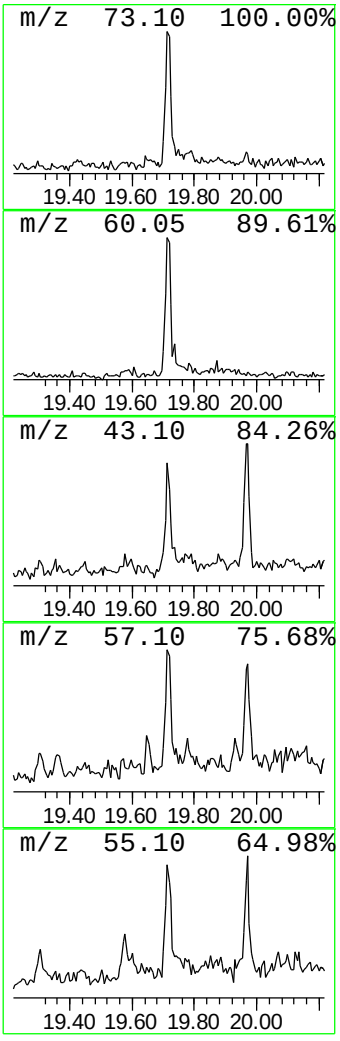
Peak Number 27 Octadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.72	5.04 ng/ul	384269	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	97
2	Octadecanoic acid	284	C18H36O2	000057-11-4	95
3	Octadecanoic acid	284	C18H36O2	000057-11-4	86
4	Octadecanoic acid	284	C18H36O2	000057-11-4	86
5	Octadecanoic acid	284	C18H36O2	000057-11-4	70





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ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHSY9

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Quant Title : SVOA CALIBRATION

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

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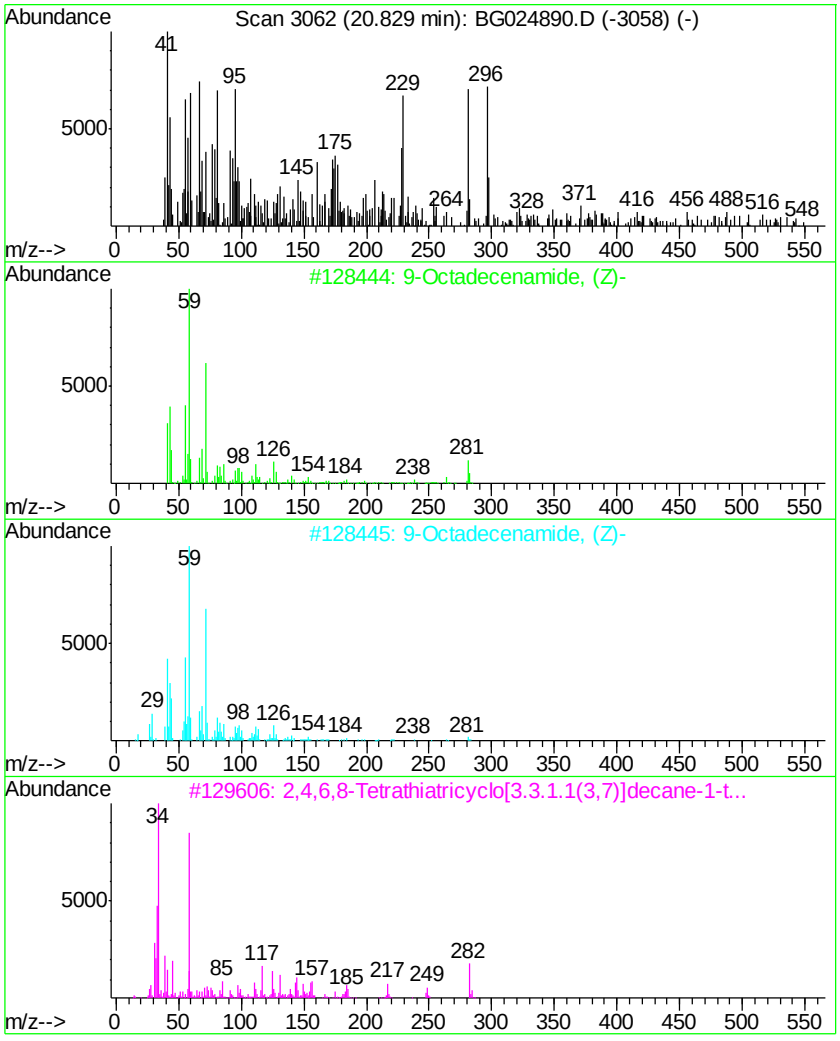
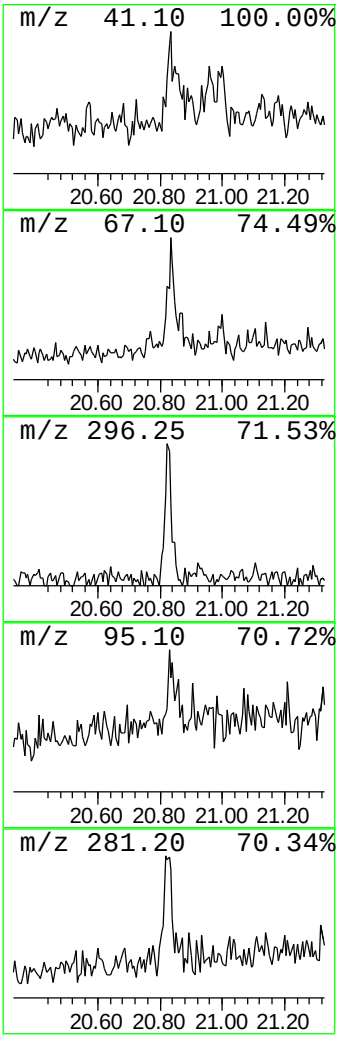
Peak Number 28 9-Octadecenamide, (Z)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	3.61 ng/ul	354994	Chrysene-d12	21.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	70
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	47
3	2,4,6,8-Tetrathiatricyclo[3.3.1....	282	C9H14S5	057274-35-8	38
4	Hexadecanamide	255	C16H33NO	000629-54-9	27
5	2-(4-Bromophenoxy)ethanol, methy...	230	C9H11BrO2	1000364-48-7	27





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG112216\
Data File : BG024890.D
Acq On : 22 Nov 2016 15:57
Operator : UM/SJ
Sample : H5695-16
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHSY9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION

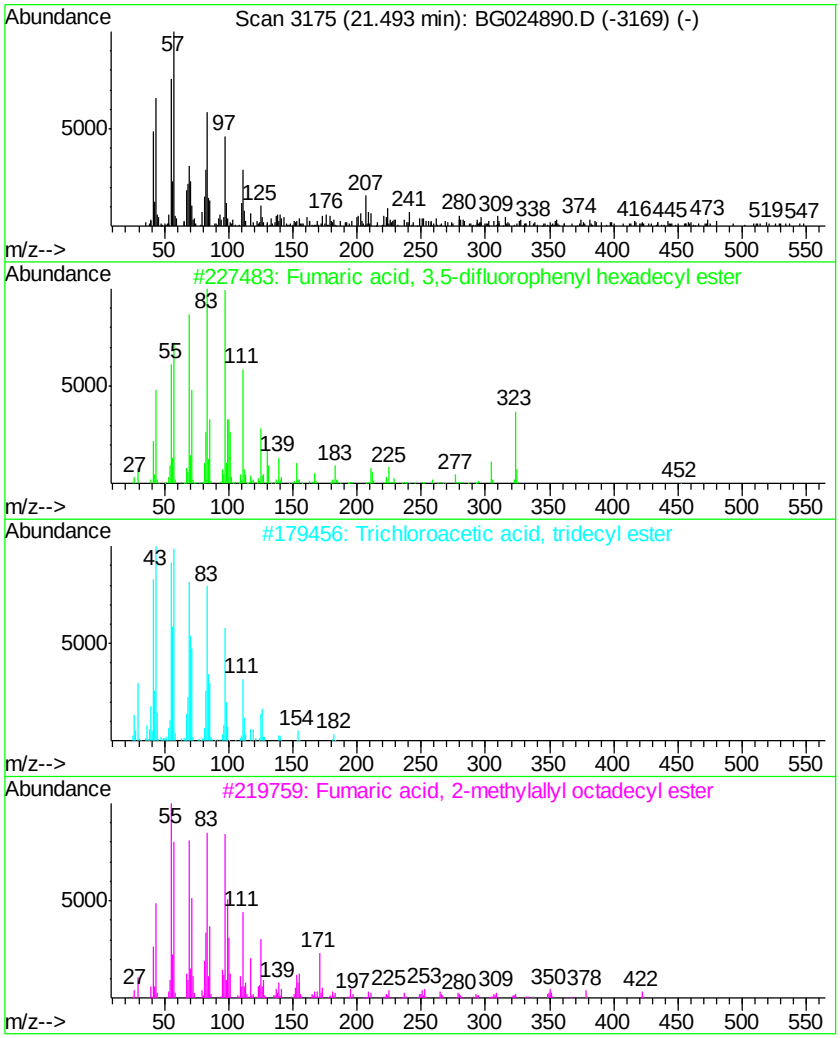
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

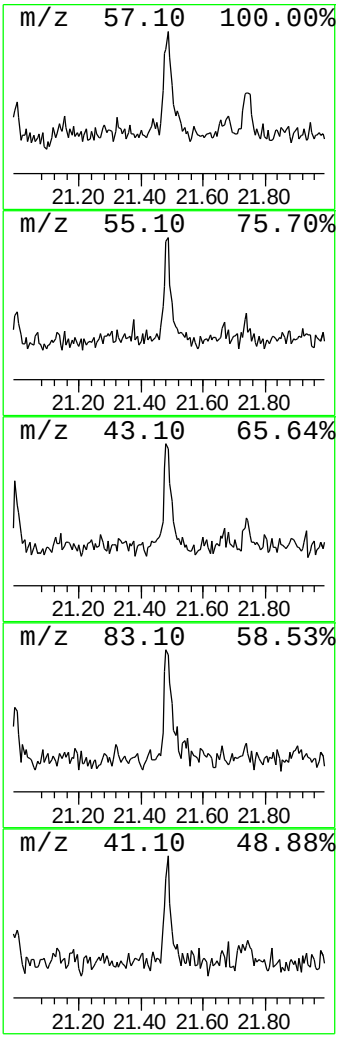
****

Peak Number 29 Fumaric acid, 3,5-difluorop... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.49	2.99 ng/ul	294207	Chrysene-d12	21.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fumaric acid, 3,5-difluorophenyl...	452	C26H38F2O4	1000339-38-1	70
2	Trichloroacetic acid, tridecyl e...	344	C15H27Cl3O2	074339-51-8	70
3	Fumaric acid, 2-methylallyl octa...	422	C26H46O4	1000330-55-7	64
4	Z-12-Pentacosene	350	C25H50	1000131-09-4	62
5	13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	62





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG112216\
Data File : BG024890.D
Acq On : 22 Nov 2016 15:57
Operator : UM/SJ
Sample : H5695-16
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHSY9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.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
unknown-01	4.25	2.6	ng/ul	80505	1	8.26	606950	20.0
Hexanal	4.74	2.2	ng/ul	66215	1	8.26	606950	20.0
2-Pentanone, 4-hy...	5.31	34.6	ng/ul	1049860	1	8.26	606950	20.0
Pentanoic acid	5.67	7.8	ng/ul	235058	1	8.26	606950	20.0
Acetic acid, chlo...	6.28	2.7	ng/ul	80775	1	8.26	606950	20.0
Hexanoic acid	7.27	21.1	ng/ul	640969	1	8.26	606950	20.0
(DEL) Alkane: Cyc...	7.32	4.0	ng/ul	119962	1	8.26	606950	20.0
Piperazine, 2-met...	7.92	3.9	ng/ul	117379	1	8.26	606950	20.0
Heptanoic acid	8.85	28.4	ng/ul	861878	1	8.26	606950	20.0
Hexanoic acid, 2-...	9.52	4.7	ng/ul	143008	1	8.26	606950	20.0
unknown-02	9.56	7.3	ng/ul	223083	1	8.26	606950	20.0
Octanoic acid	10.39	32.0	ng/ul	1068010	2	11.08	668273	20.0
(DEL) Alkane: Cyc...	10.56	8.1	ng/ul	269235	2	11.08	668273	20.0
Hexaethylene glycol	10.82	2.4	ng/ul	78664	2	11.08	668273	20.0
Decanal	11.13	4.6	ng/ul	154831	2	11.08	668273	20.0
unknown-03	12.28	2.5	ng/ul	85170	2	11.08	668273	20.0
2-Undecanone	12.36	2.1	ng/ul	72004	2	11.08	668273	20.0
(DEL) Alkane: Str...	12.57	2.7	ng/ul	88844	2	11.08	668273	20.0
Tetradecanoic acid	13.14	9.9	ng/ul	533559	3	14.87	1082050	20.0
unknown-04	14.37	2.0	ng/ul	109744	3	14.87	1082050	20.0
Pyridine-3-carbox...	14.48	2.4	ng/ul	130187	3	14.87	1082050	20.0
n-Hexadecanoic acid	15.24	4.5	ng/ul	241484	3	14.87	1082050	20.0
(DEL) Alkane: Str...	16.52	3.0	ng/ul	230279	4	17.61	1525170	20.0
9-Octadecyne	19.58	2.2	ng/ul	168343	4	17.61	1525170	20.0
Octadecanoic acid	19.72	5.0	ng/ul	384269	4	17.61	1525170	20.0
9-Octadecenamide,...	20.83	3.6	ng/ul	354994	5	21.91	1967340	20.0
Fumaric acid, 3,5...	21.49	3.0	ng/ul	294207	5	21.91	1967340	20.0