LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071016\
Data File : BG022990.D
Acq On : 10 Jul 2016 8:09
Operator : UM/SJ
Sample : H3935-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C3-6

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.040	29	34	53	rBV	4082948	5834198	58.09%	9.837%
2	5.220	399	405	413	rBV	262072	403646	4.02%	0.681%
3	5.695	477	486	495	rBV	2093515	3404116	33.90%	5.740%
4	7.305	750	760	771	rBV	2429803	4297308	42.79%	7.246%
5	7.681	815	824	833	rBV	2237127	3856586	38.40%	6.503%
6	8.151	895	904	911	rVB2	363425	643963	6.41%	1.086%
7	8.475	949	959	967	rBV	1531177	2704013	26.93%	4.559%
8	9.321	1095	1103	1112	rBV	1475184	2691911	26.81%	4.539%
9	10.977	1378	1385	1392	rBV	577128	1053472	10.49%	1.776%
10	13.416	1792	1800	1810	rBV	4279207	6747726	67.19%	11.377%
11	14.238	1933	1940	1946	rBV	579255	878433	8.75%	1.481%
12	14.797	2028	2035	2043	rBV2	1081585	1727667	17.20%	2.913%
13	16.289	2281	2289	2297	rBV	4078882	6181651	61.55%	10.423%
14	16.477	2315	2321	2324	rBV2	78992	128624	1.28%	0.217%
15	17.276	2453	2457	2461	rBV	152841	179482	1.79%	0.303%
16	17.552	2497	2504	2509	rBV	1372419	2115020	21.06%	3.566%
17	18.422	2646	2652	2657	rBV	412864	585611	5.83%	0.987%
18	19.679	2863	2866	2875	rBV2	179390	242886	2.42%	0.410%
19	20.149	2940	2946	2953	rBV	7223003	10042546	100.00%	16.933%
20	21.453	3163	3168	3178	rBV2	267440	522689	5.20%	0.881%
21	21.841	3228	3234	3243	rBV2	1487330	2480207	24.70%	4.182%
22	23.563	3522	3527	3534	rVB4	78363	165477	1.65%	0.279%
23	25.202	3796	3806	3820	rVB2	792232	2421700	24.11%	4.083%

Sum of corrected areas: 59308932

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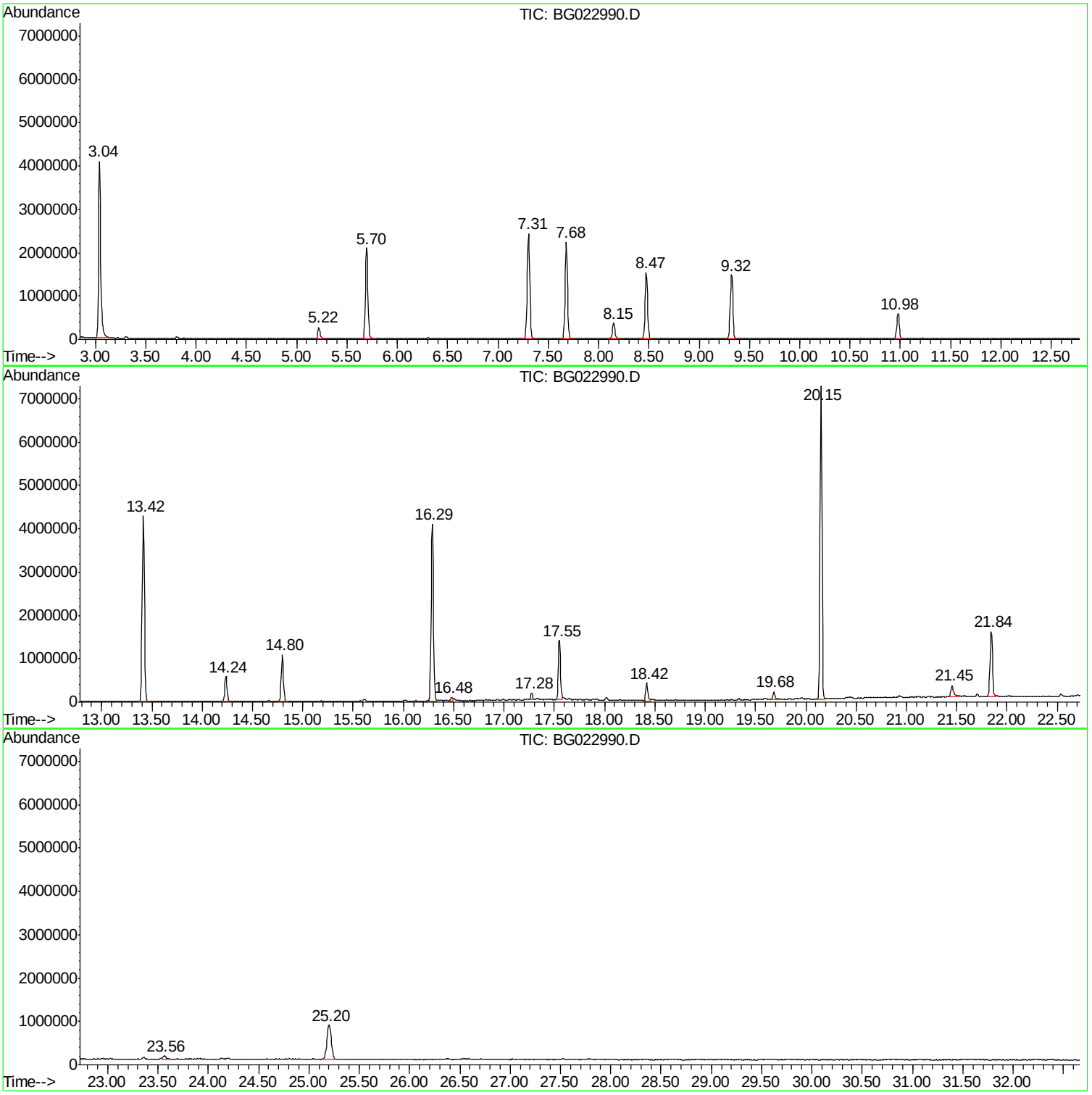
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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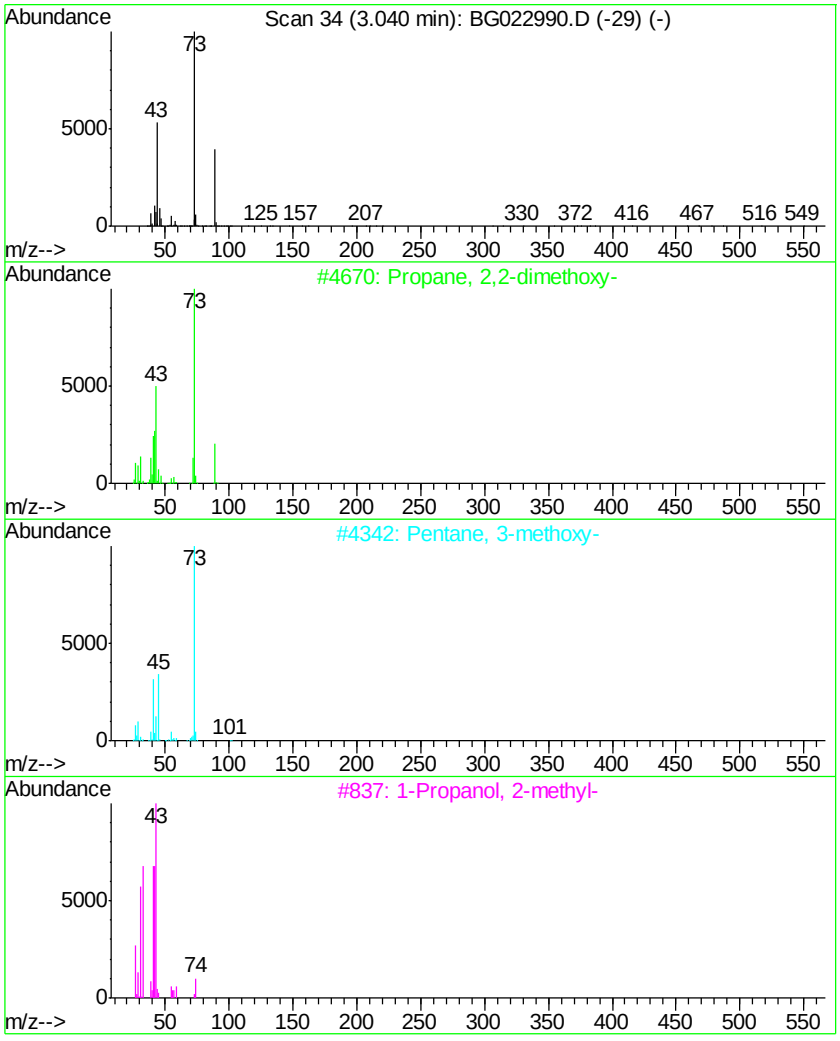
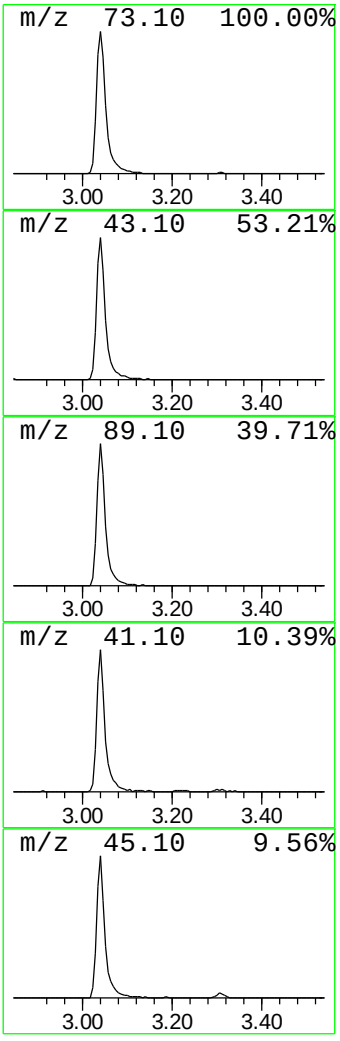
Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.04	181.20 ng	5834200	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	78
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
3	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9





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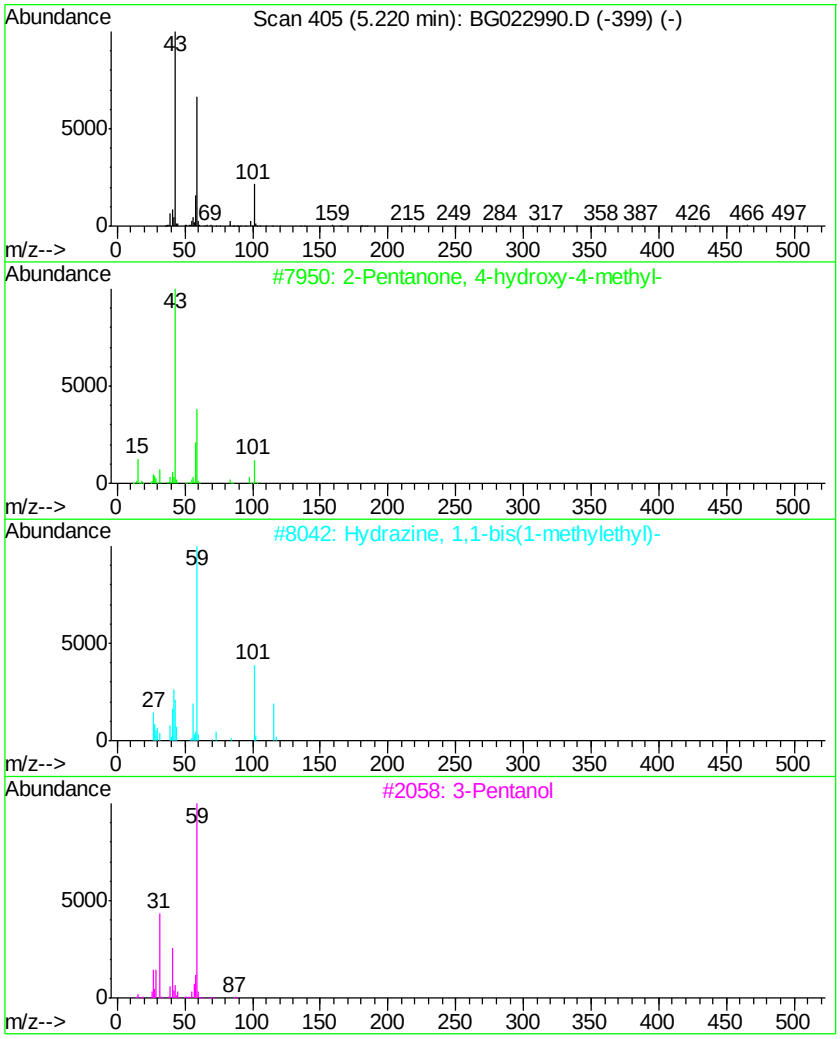
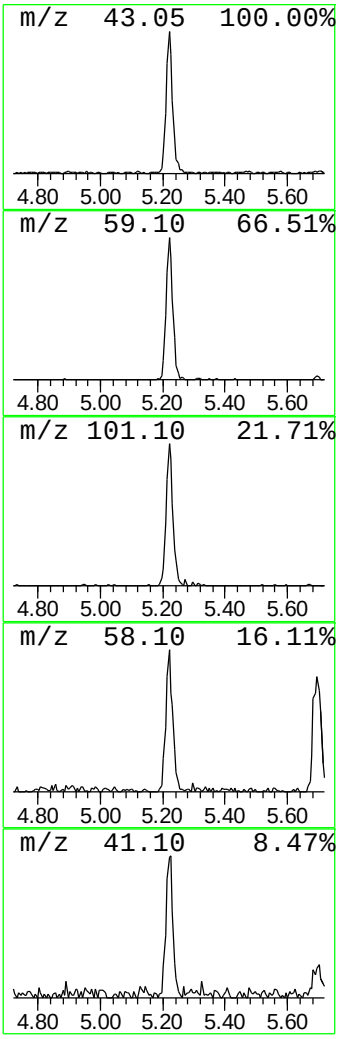
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.22	12.54 ng	403646	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	28
3	3-Pentanol	88	C5H12O	000584-02-1	23
4	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	12
5	Propanoic acid, 2-hydroxy-2-meth...	118	C5H10O3	002110-78-3	12





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Instrument : BNA_G
ClientSampleId : C3-6

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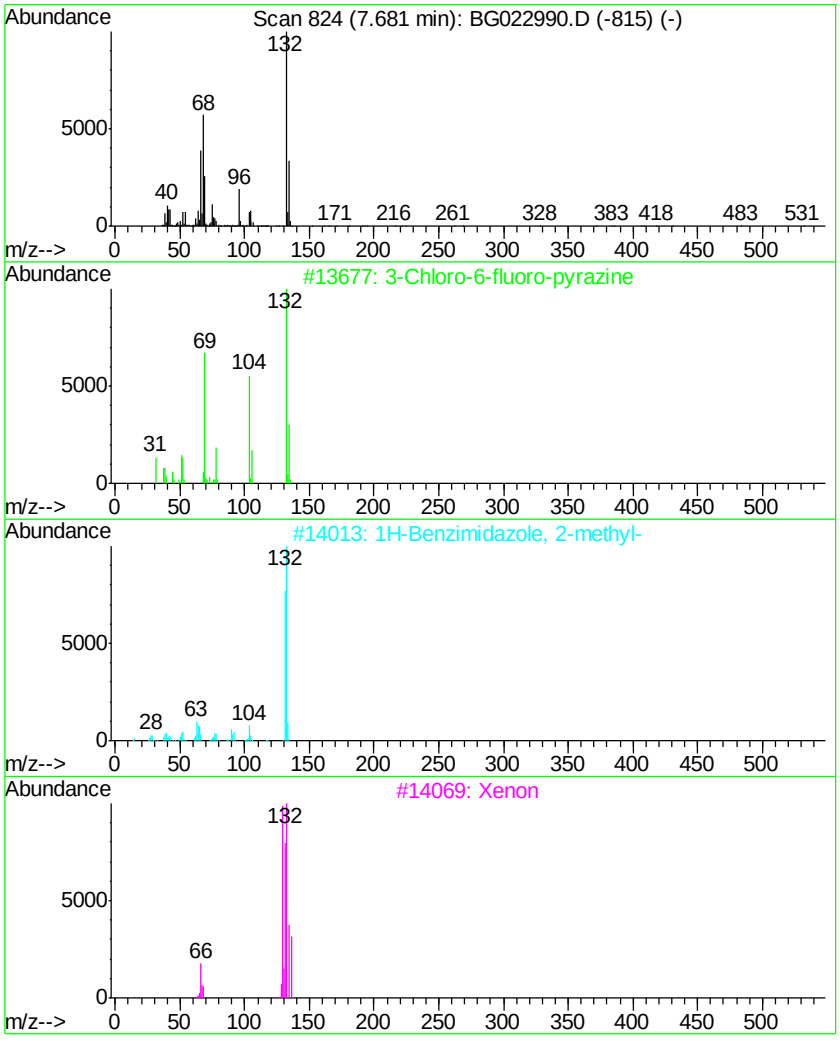
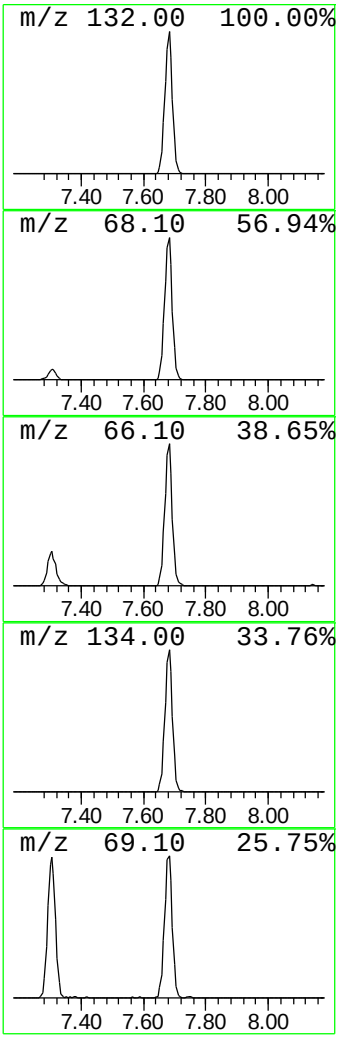
Peak Number 3 unknown7.68 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	119.78 ng	3856590	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
3	Xenon	132	Xe	007440-63-3	9
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9





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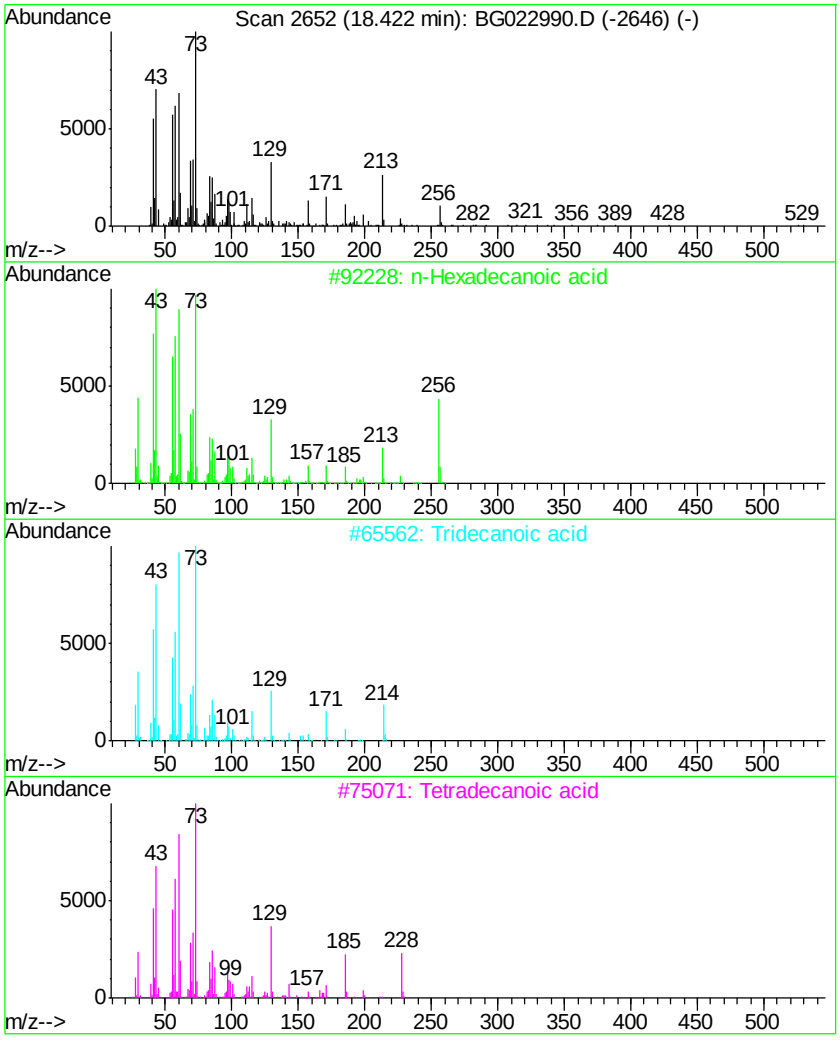
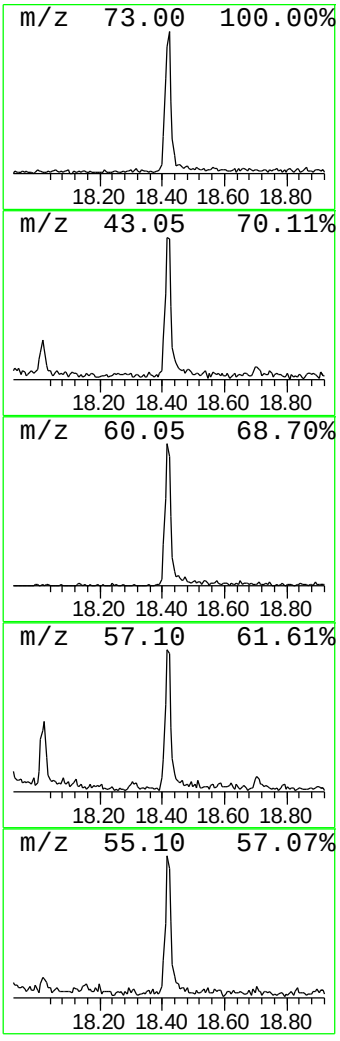
Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	5.54 ng	585611	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	86
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	52
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	46
5	Undecanoic acid	186	C11H22O2	000112-37-8	43





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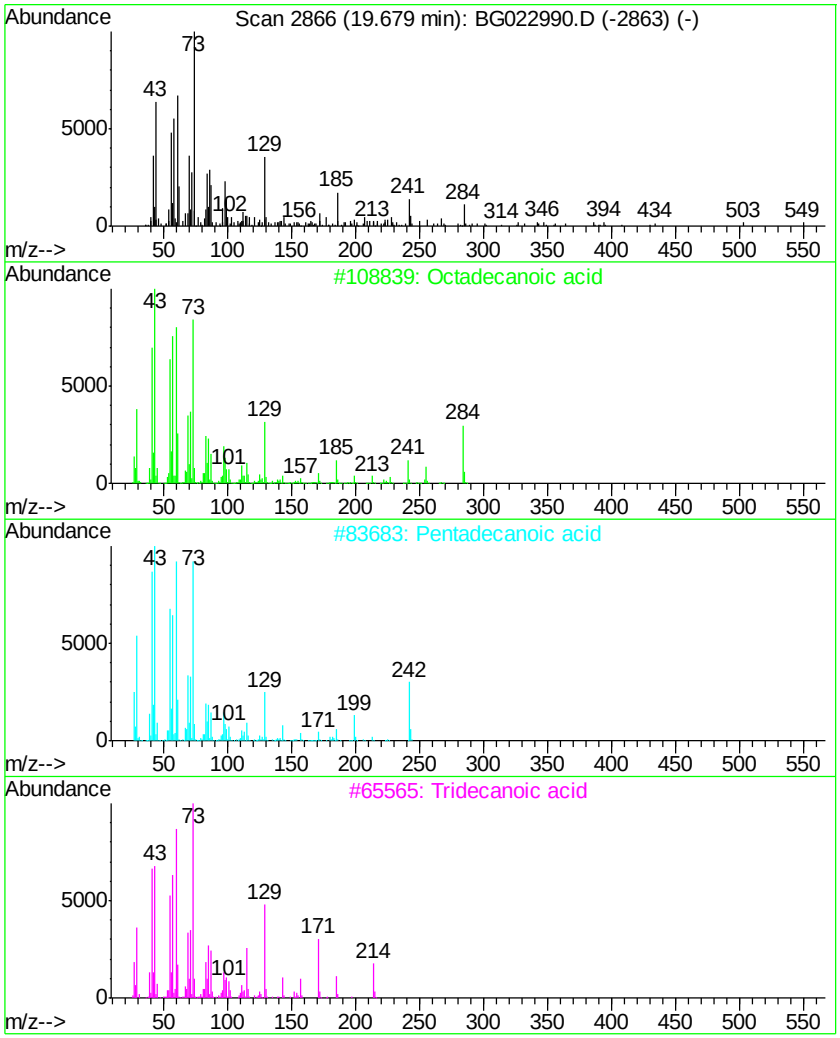
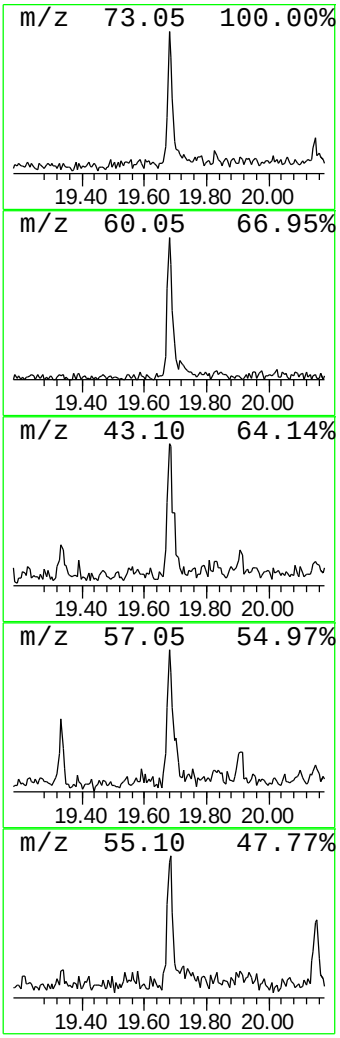
Peak Number 6 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.68	2.30 ng	242886	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	94
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	64
4	Undecanoic acid	186	C11H22O2	000112-37-8	59
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	58





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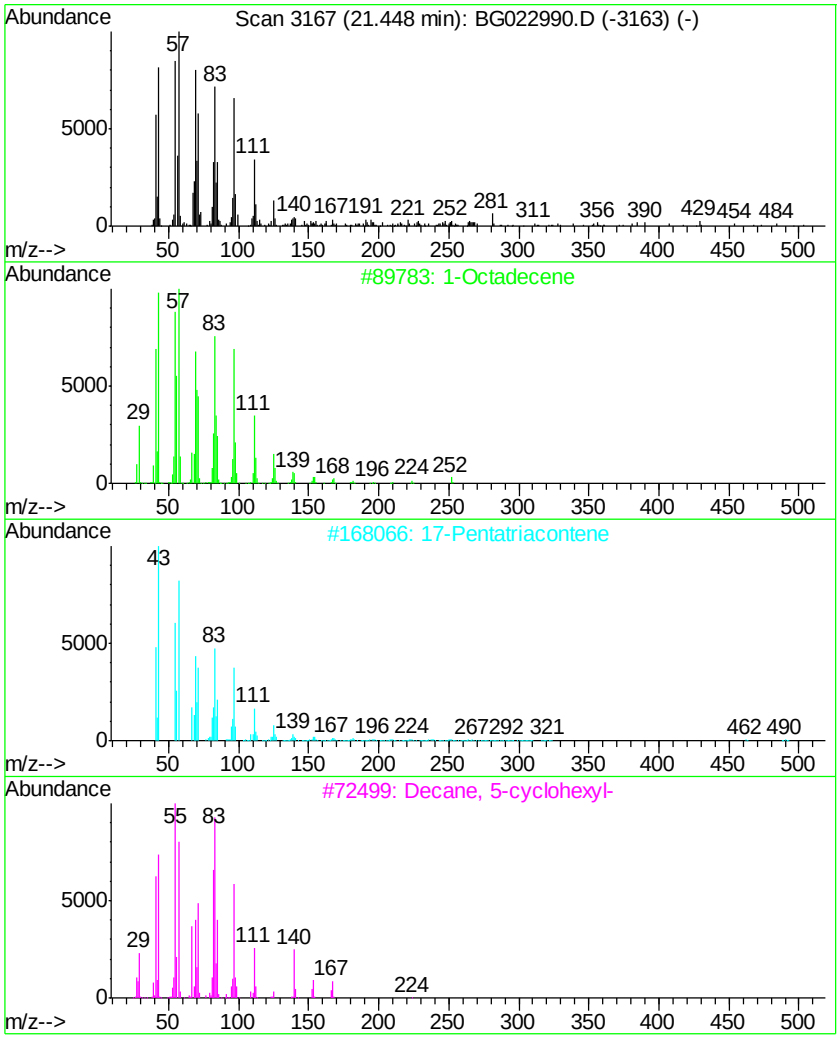
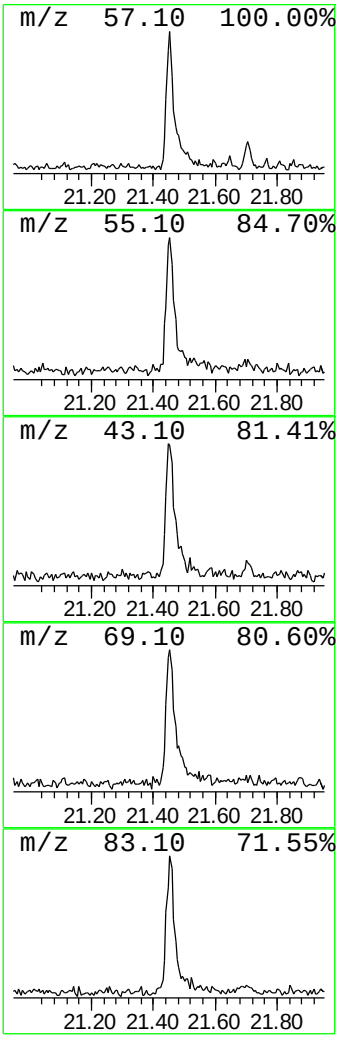
Peak Number 7 1-Octadecene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.45	4.21 ng	522689	Chrysene-d12	21.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	91
2	17-Pentatriacontene	491	C35H70	006971-40-0	90
3	Decane, 5-cyclohexyl-	224	C16H32	013151-76-3	90
4	2-Heptadecenal	252	C17H32O	1000143-48-6	81
5	1-Pentadecene	210	C15H30	013360-61-7	81





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propane, 2,2-dime...	3.04	181.2	ng	5834200	1	8.15	643963	20.0
2-Pentanone, 4-hy...	5.22	12.5	ng	403646	1	8.15	643963	20.0
unknown7.68	7.68	119.8	ng	3856590	1	8.15	643963	20.0
n-Hexadecanoic acid	18.42	5.5	ng	585611	4	17.55	2115020	20.0
Octadecanoic acid	19.68	2.3	ng	242886	4	17.55	2115020	20.0
1-Octadecene	21.45	4.2	ng	522689	5	21.84	2480210	20.0