LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073116\
Data File : BG023370.D
Acq On : 31 Jul 2016 16:16
Operator : UM/SJ
Sample : H4285-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AB-SLOPE(0-4)L

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-BG072616.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	2.996	22	27	45	rVV	3079759	4986533	49.06%	6.908%
2	3.143	47	52	66	rVB	160218	350787	3.45%	0.486%
3	5.188	391	400	409	rBV	859122	1353598	13.32%	1.875%
4	5.663	474	481	496	rBV	2909229	4824116	47.47%	6.683%
5	7.279	749	756	771	rBV	3169845	5704841	56.13%	7.903%
6	7.649	811	819	829	rBV	2948921	5261605	51.77%	7.289%
7	8.125	889	900	908	rBV	505709	881192	8.67%	1.221%
8	8.448	946	955	963	rBV	2017868	3490792	34.35%	4.836%
9	9.300	1092	1100	1111	rBV	1905649	3407208	33.52%	4.720%
10	10.956	1375	1382	1391	rVB	792492	1415835	13.93%	1.961%
11	13.400	1790	1798	1808	rBV	4717390	7472360	73.52%	10.351%
12	14.222	1932	1938	1944	rBV	814089	1210893	11.91%	1.677%
13	14.786	2027	2034	2042	rVB2	1492511	2418282	23.79%	3.350%
14	15.609	2169	2174	2180	rVB	142674	186213	1.83%	0.258%
15	16.014	2234	2243	2247	rBV3	51382	114651	1.13%	0.159%
16	16.279	2282	2288	2298	rBV	4504671	6890048	67.79%	9.545%
17	16.472	2316	2321	2330	rBV	175751	289222	2.85%	0.401%
18	17.547	2496	2504	2515	rBV2	2164283	3482974	34.27%	4.825%
19	18.417	2647	2652	2663	rBV	512872	820914	8.08%	1.137%
20	19.686	2863	2868	2874	rBV	158751	235547	2.32%	0.326%
21	20.156	2942	2948	2957	rVB	7257133	10163205	100.00%	14.079%
22	21.471	3167	3172	3183	rBV5	127698	412230	4.06%	0.571%
23	21.859	3231	3238	3247	rVB2	2019050	3377811	33.24%	4.679%
24	23.592	3526	3533	3540	rVB3	84771	177077	1.74%	0.245%
25	25.237	3803	3813	3825	rVB2	1114261	3259061	32.07%	4.515%

Sum of corrected areas: 72186995

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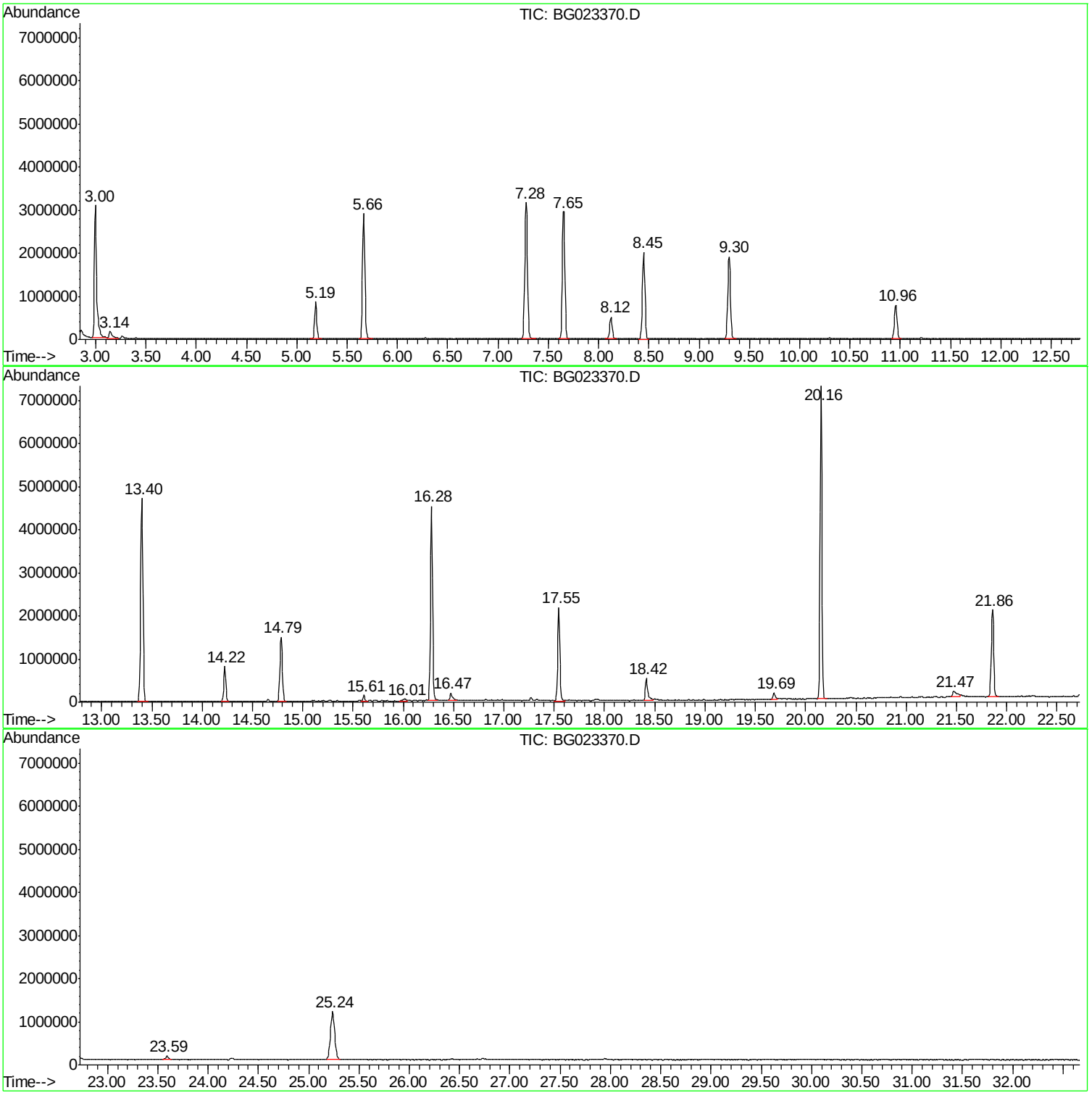
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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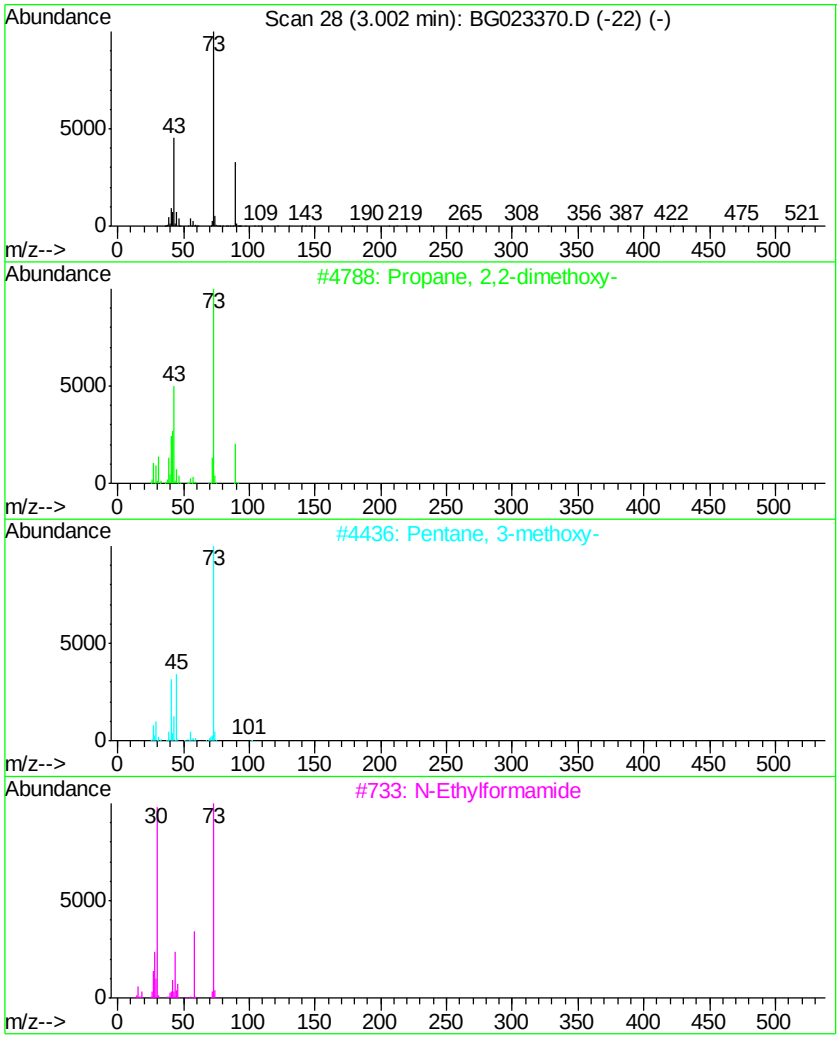
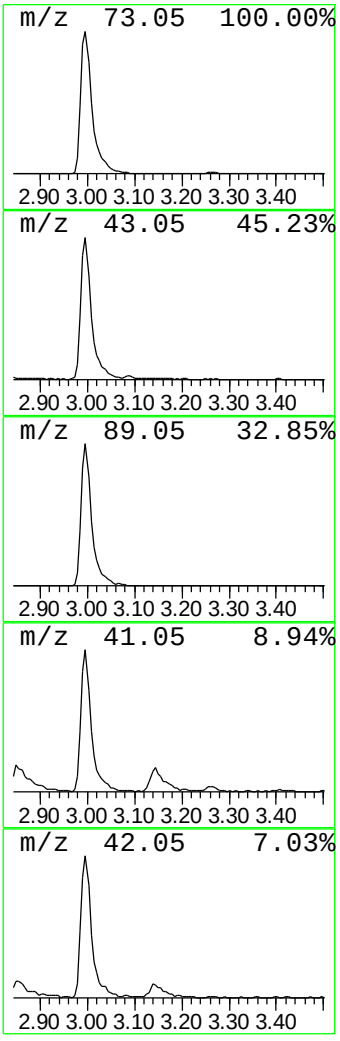
Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.00	113.18 ng	4986530	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	56
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
5	1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9





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ClientSampleId : AB-SLOPE(0-4)L

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.M
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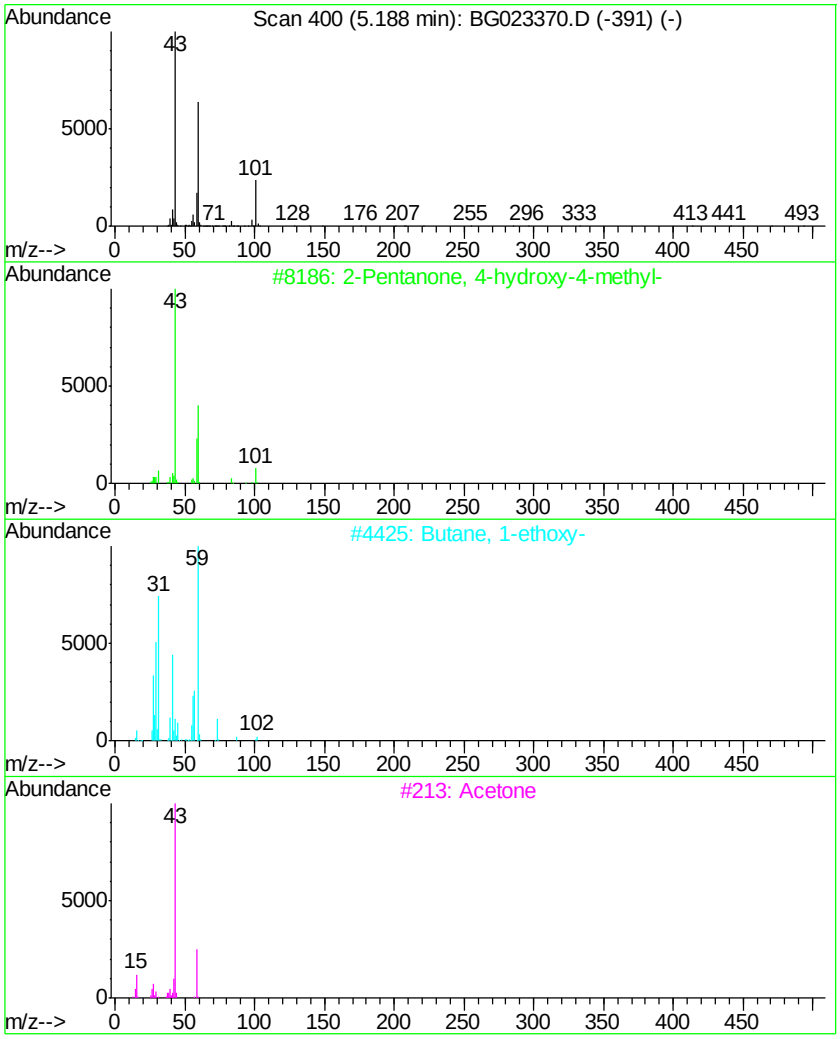
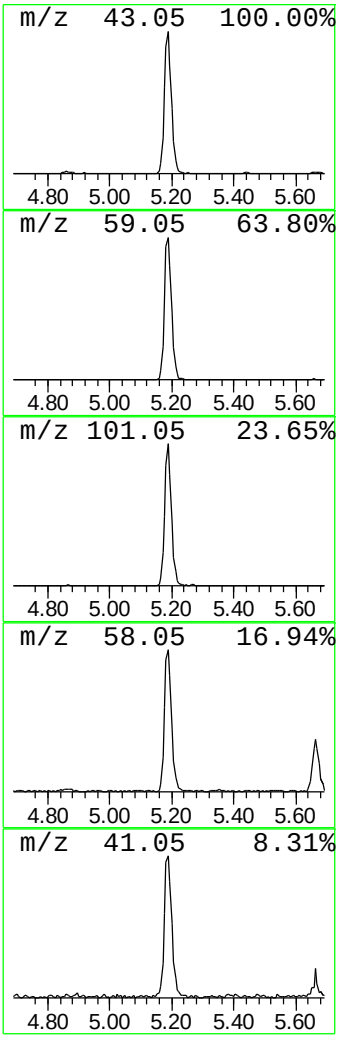
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	30.72 ng	1353600	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
3	Acetone	58	C3H6O	000067-64-1	9
4	Guanidine	59	CH5N3	000113-00-8	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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ClientSampleId : AB-SLOPE(0-4)L

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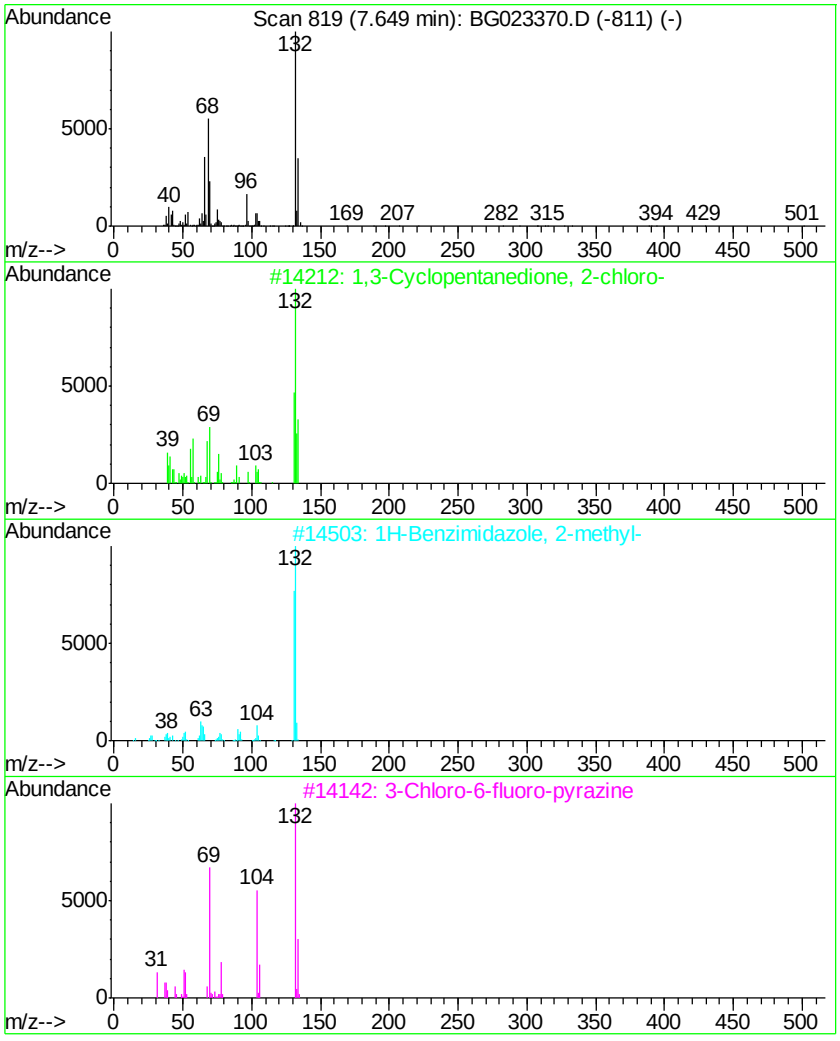
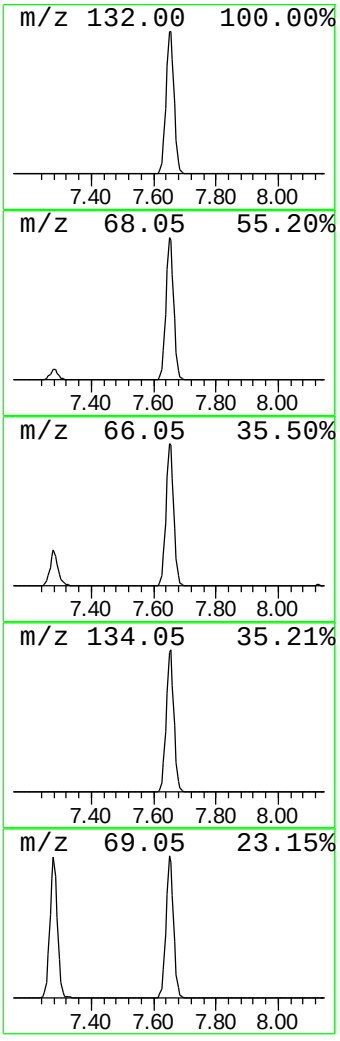
Peak Number 4 unknown7.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	119.42 ng	5261610	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	35
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	11





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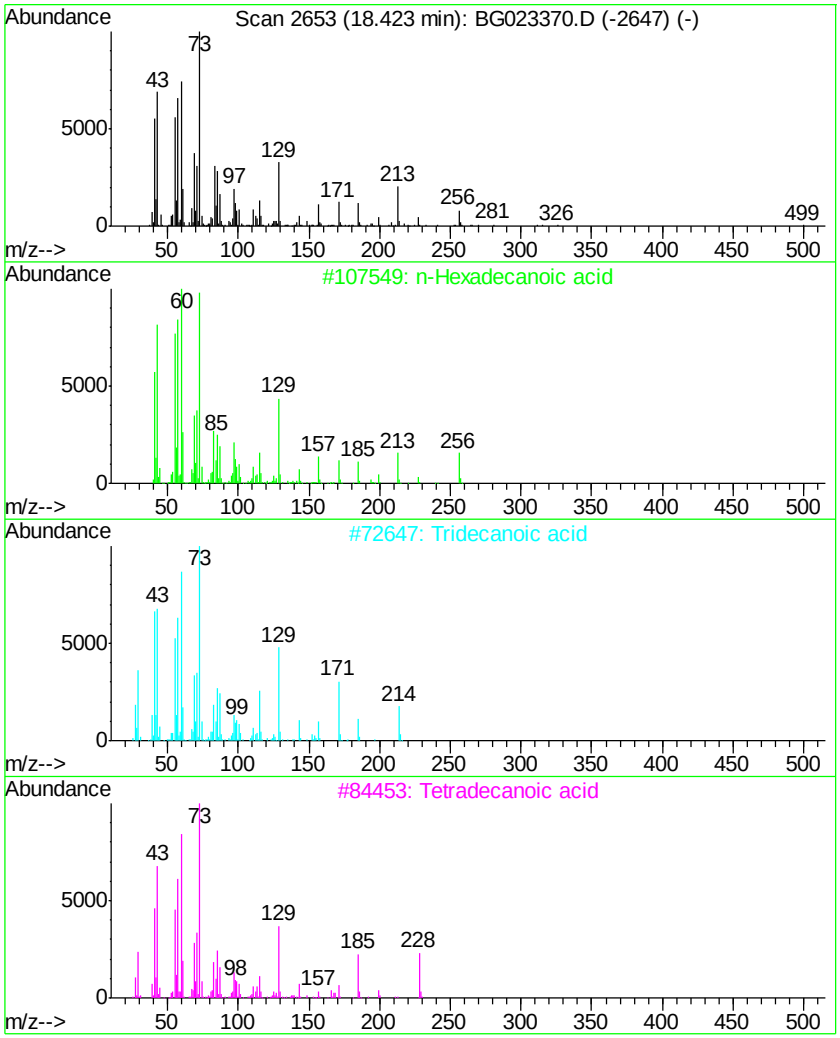
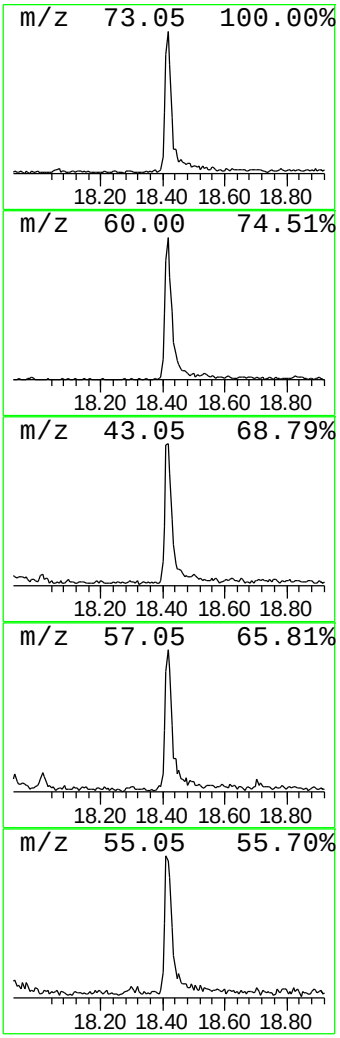
Peak Number 6 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	4.71 ng	820914	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tridecanoic acid	214	C13H26O2	000638-53-9	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
5	Dodecanoic acid	200	C12H24O2	000143-07-7	68





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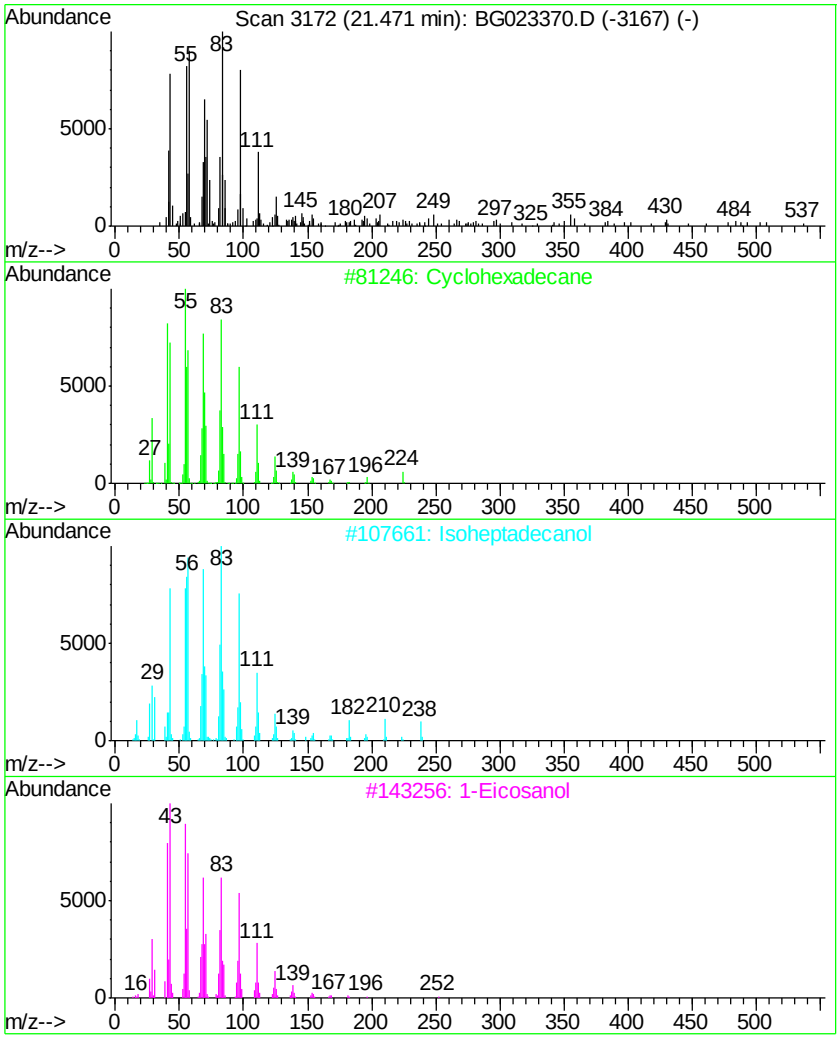
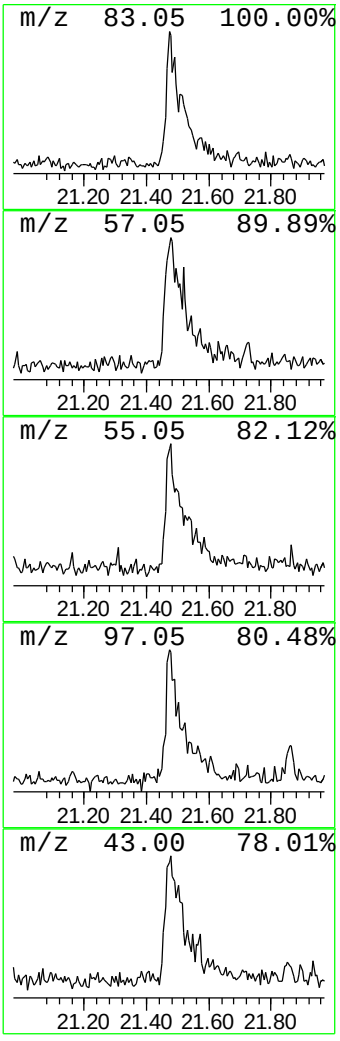
Peak Number 7 Cyclohexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.47	2.44 ng	412230	Chrysene-d12	21.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	90
2	Isoheptadecanol	256	C17H36O	057289-07-3	80
3	1-Eicosanol	298	C20H42O	000629-96-9	80
4	n-Heptadecanol-1	256	C17H36O	001454-85-9	80
5	10-Heneicosene (c,t)	294	C21H42	095008-11-0	80





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...	3.00	113.2	ng	4986530	1	8.12	881192	20.0
2-Pentanone, 4-hy...	5.19	30.7	ng	1353600	1	8.12	881192	20.0
unknown7.65	7.65	119.4	ng	5261610	1	8.12	881192	20.0
n-Hexadecanoic acid	18.42	4.7	ng	820914	4	17.55	3482970	20.0
Cyclohexadecane	21.47	2.4	ng	412230	5	21.86	3377810	20.0