LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022616\
Data File : BG021092.D
Acq On : 27 Feb 2016 00:05
Operator : UM/SJ
Sample : H1558-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S7

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-BG022616.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	3.094	38	43	55	rVB	50213	74581	18.56%	3.714%
2	3.235	63	67	77	rVB3	7553	14434	3.59%	0.719%
3	4.340	249	255	263	rVB	23611	36417	9.06%	1.813%
4	5.262	407	412	419	rBB	15628	22951	5.71%	1.143%
5	5.720	485	490	498	rBB	74460	117829	29.33%	5.867%
6	7.313	754	761	768	rBB	79850	131344	32.69%	6.540%
7	7.701	820	827	834	rBB	79123	131163	32.65%	6.531%
8	8.171	902	907	913	rBB2	18482	29287	7.29%	1.458%
9	8.494	956	962	969	rBB	55509	92062	22.92%	4.584%
10	9.334	1098	1105	1111	rBB	47988	81791	20.36%	4.073%
11	10.979	1379	1385	1392	rBB	25265	43048	10.72%	2.144%
12	13.406	1792	1798	1804	rBB	131872	192108	47.82%	9.566%
13	14.222	1931	1937	1942	rBB	12725	18637	4.64%	0.928%
14	14.775	2026	2031	2037	rBB2	41088	63268	15.75%	3.151%
15	15.603	2169	2172	2177	rBB	3709	4331	1.08%	0.216%
16	16.255	2277	2283	2290	rBB3	118827	169855	42.28%	8.458%
17	16.467	2315	2319	2327	rBB	3818	6145	1.53%	0.306%
18	17.513	2491	2497	2503	rBV	61892	87178	21.70%	4.341%
19	18.382	2642	2645	2652	rBV2	9930	11806	2.94%	0.588%
20	19.645	2856	2860	2864	rVB3	4621	4403	1.10%	0.219%
21	20.104	2933	2938	2944	rVB	324247	401743	100.00%	20.005%
22	21.408	3156	3160	3167	rBV	24646	33232	8.27%	1.655%
23	21.778	3216	3223	3230	rBV	77333	126661	31.53%	6.307%
24	23.517	3514	3519	3522	rVB4	3774	5768	1.44%	0.287%
25	25.068	3774	3783	3796	rVB2	40021	108130	26.92%	5.384%

Sum of corrected areas: 2008172

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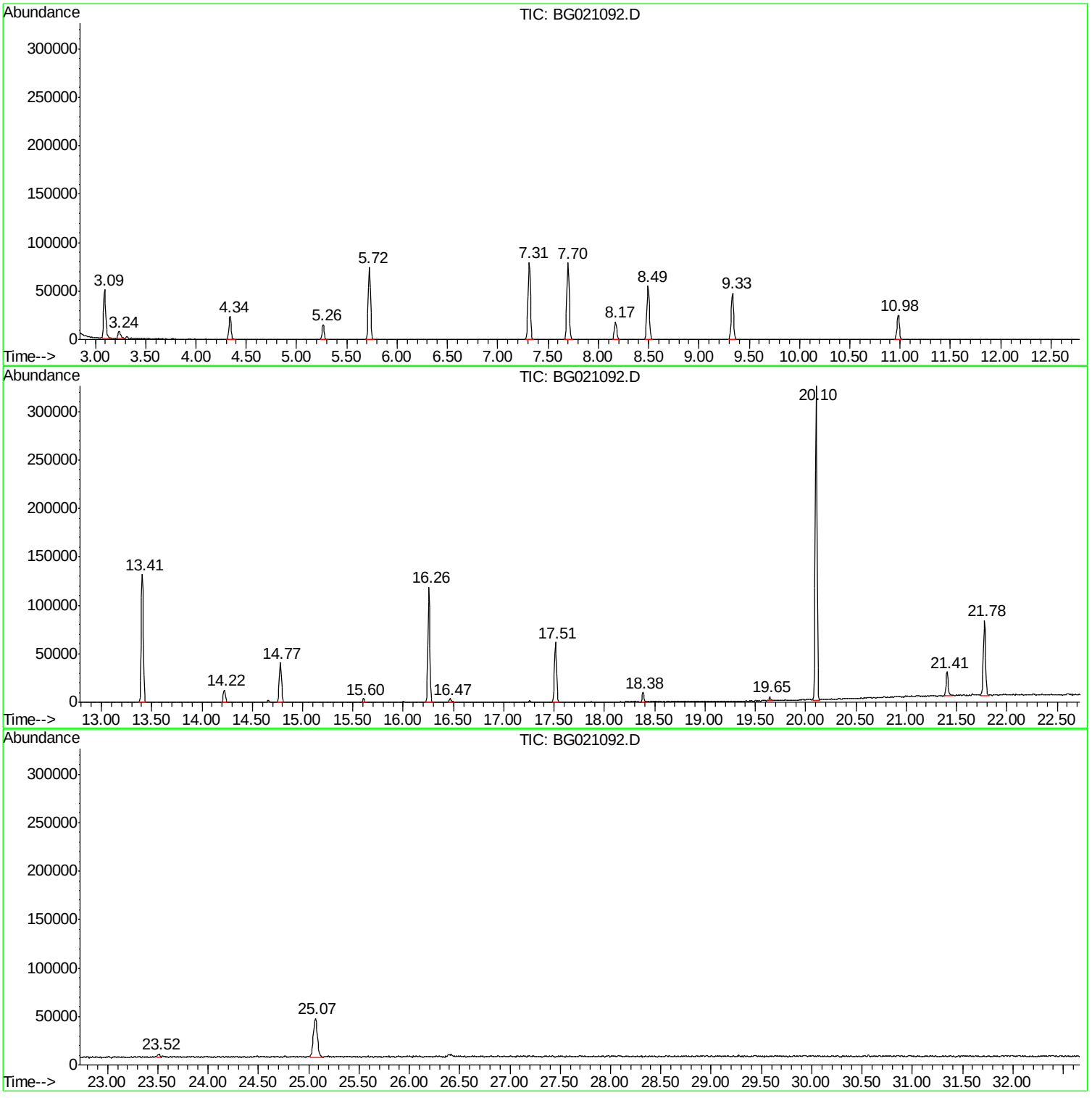
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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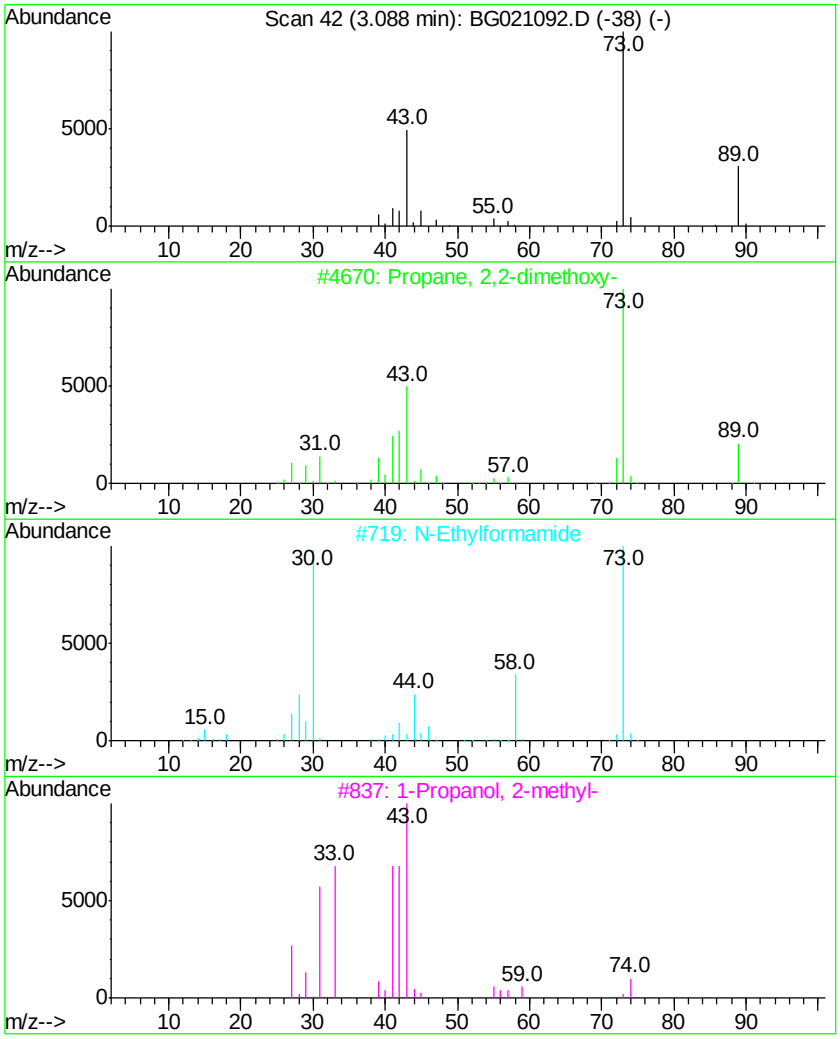
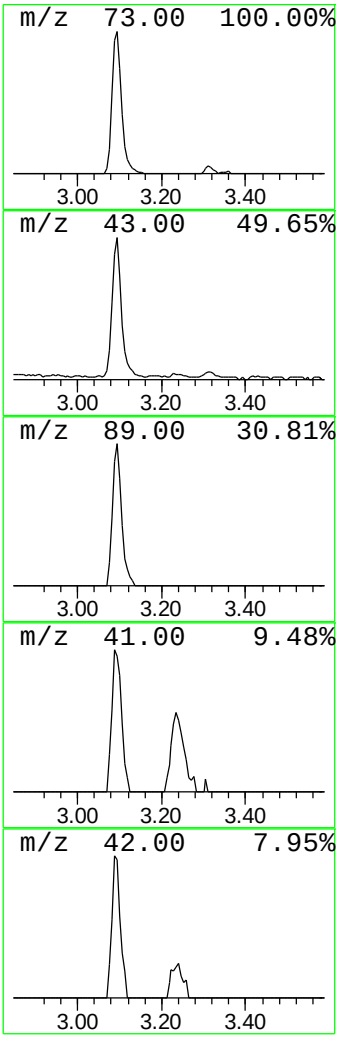
Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.09	50.93 ng	74581	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	56
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
4	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9
5	1,3-Dioxolane, 2-pentadecyl-	284	C18H36O2	004360-57-0	9





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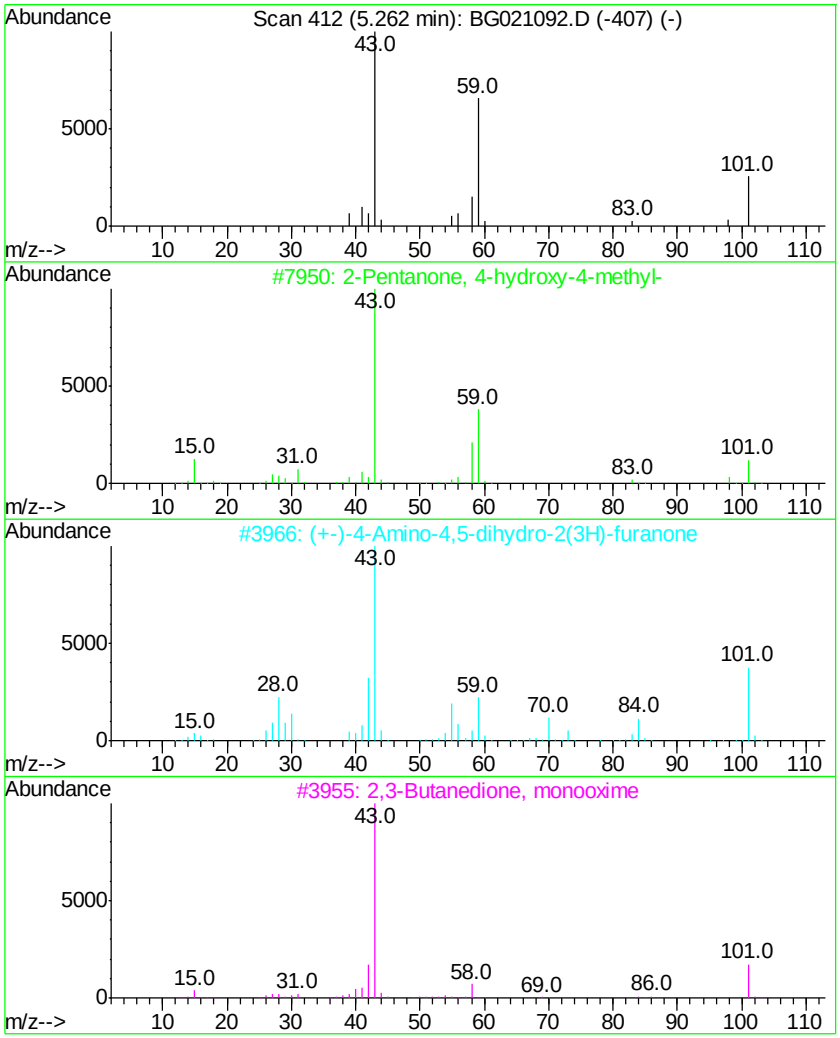
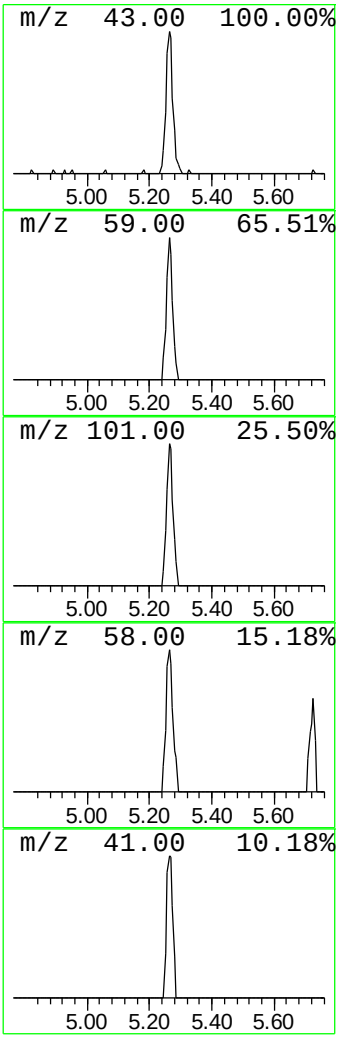
Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.26	15.67 ng	22951	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	28
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	2-Propyn-1-ol, acetate	98	C5H6O2	000627-09-8	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





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Instrument : BNA_G
ClientSampleId : S7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.M
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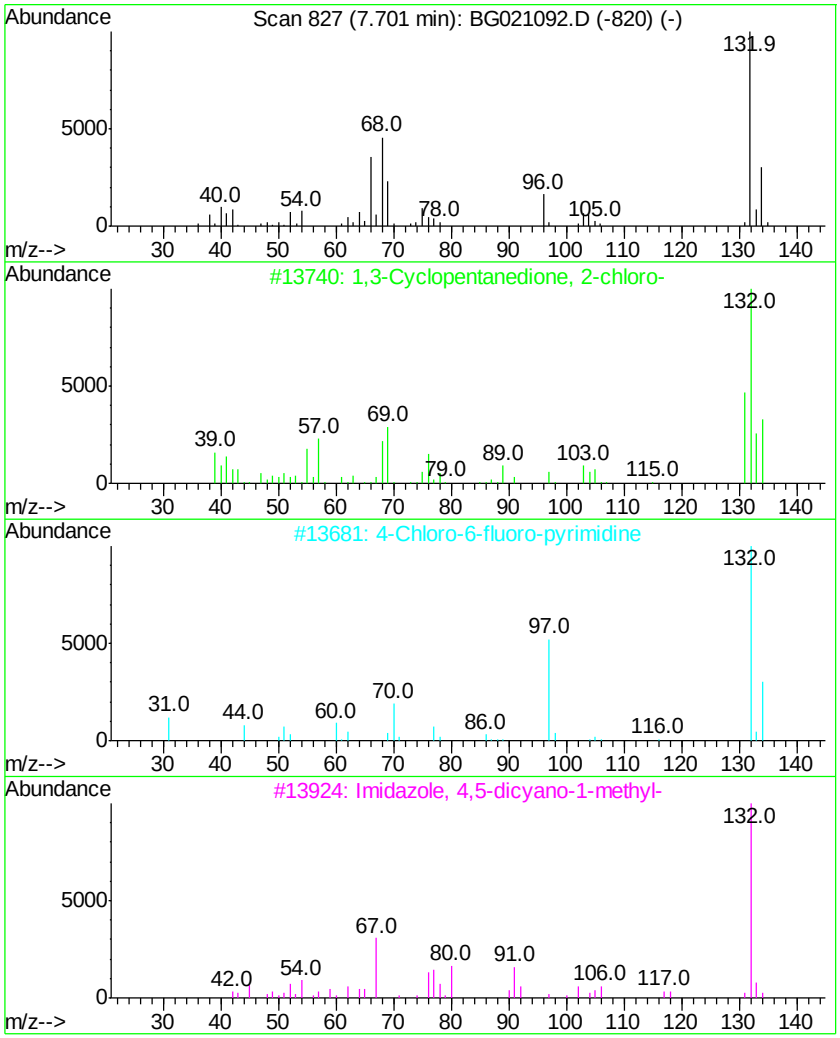
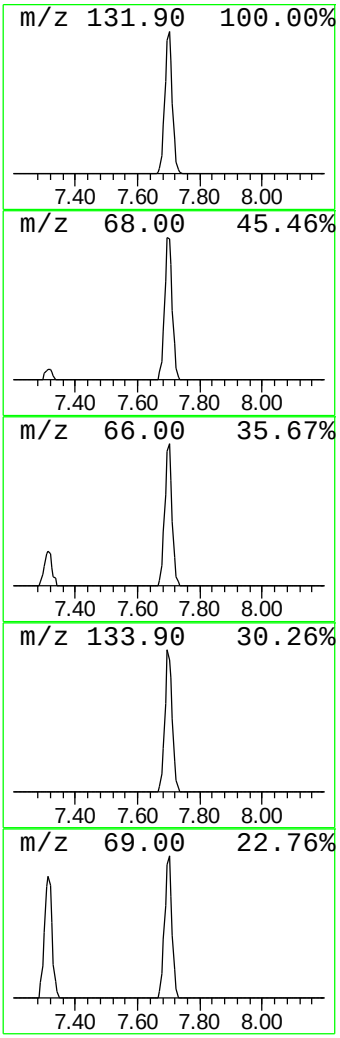
Peak Number 5 unknown7.70 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.70	89.57 ng	131163	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	47
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	25
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	22





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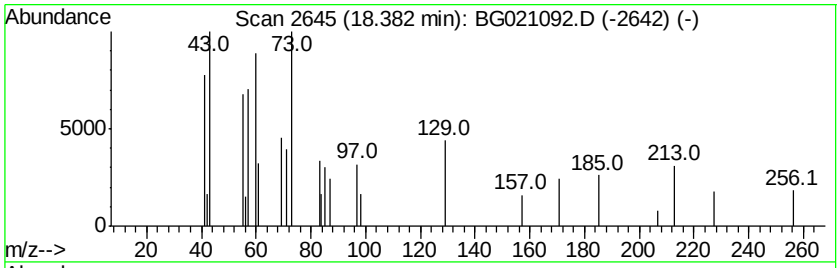
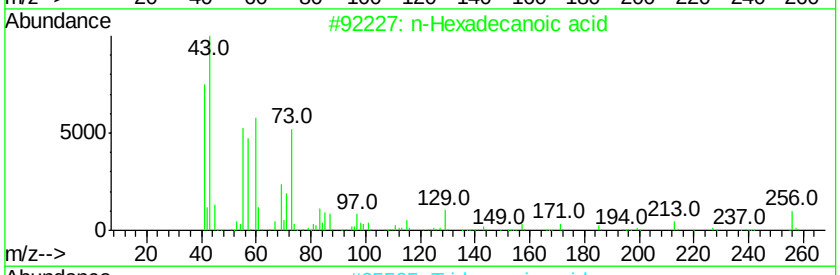
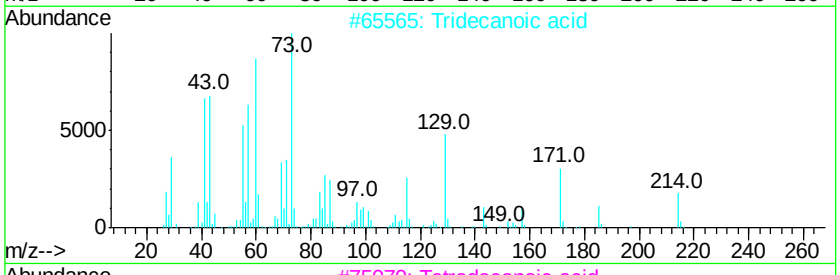
Peak Number 7 n-Hexadecanoic acid Concentration Rank 8

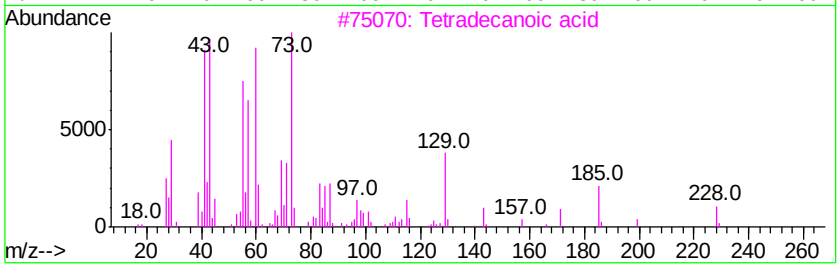
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	2.71 ng	11806	Phenanthrene-d10	17.51

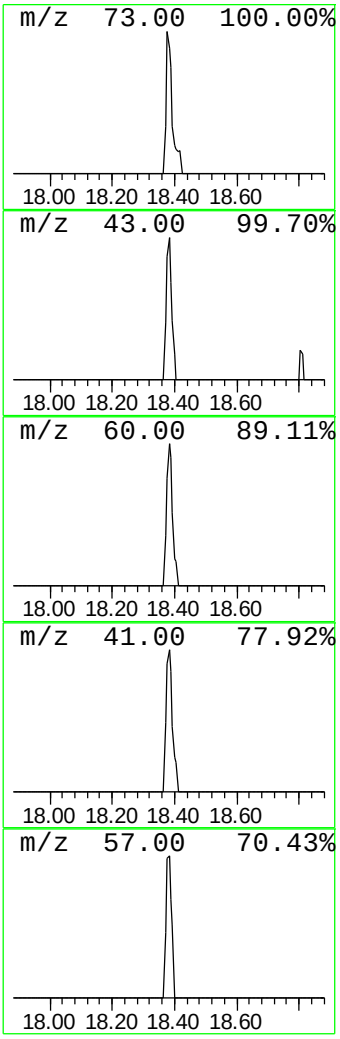
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tridecanoic acid	214	C13H26O2	000638-53-9	80
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
5	n-Decanoic acid	172	C10H20O2	000334-48-5	50











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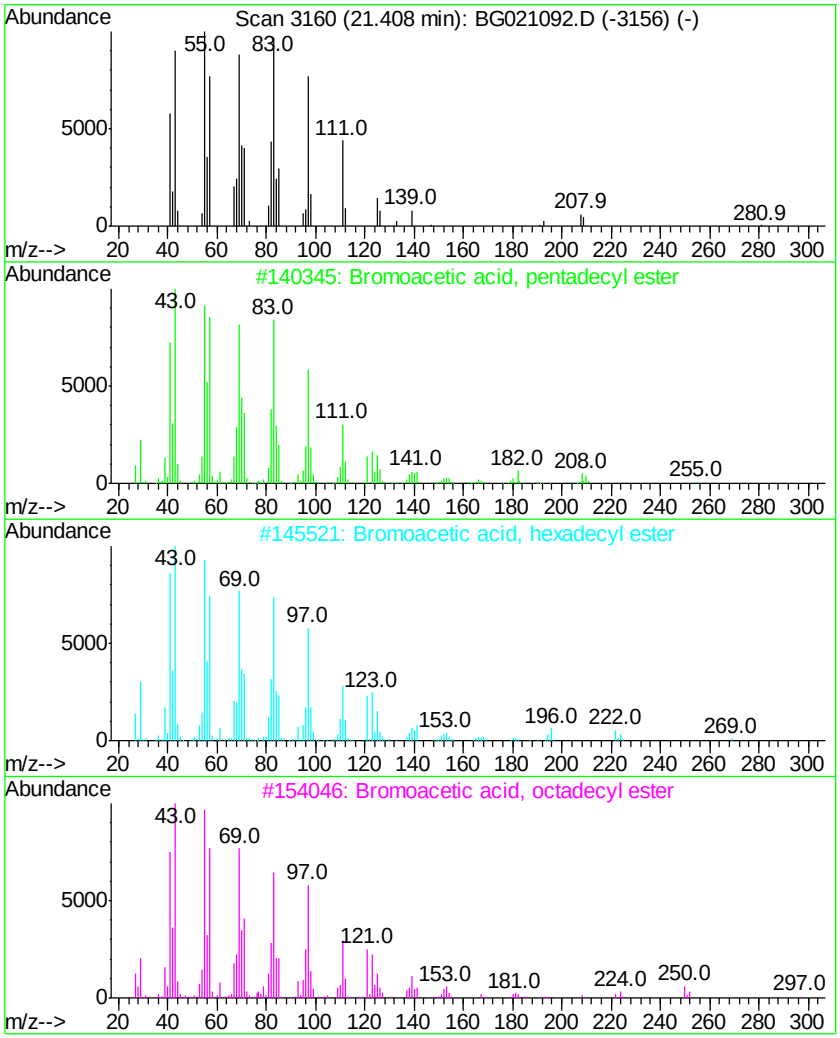
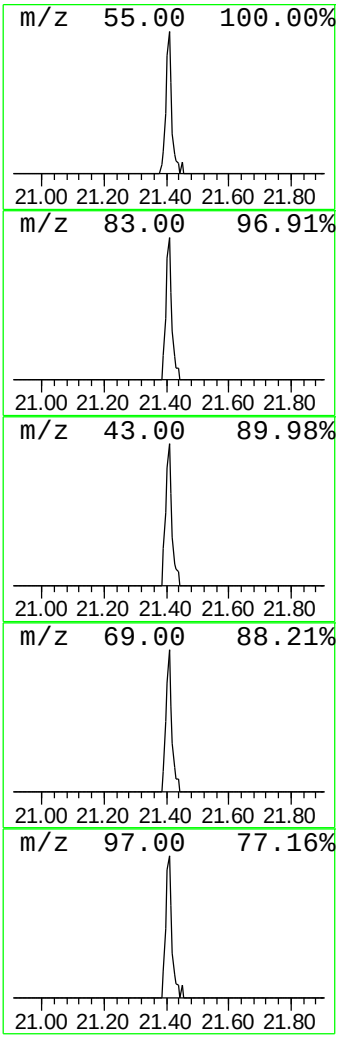
Peak Number 8 Bromoacetic acid, pentadecy... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.41	5.25 ng	33232	Chrysene-d12	21.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	72
2	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	70
3	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	68
4	1-Heptadecanol	256	C17H36O	001454-85-9	68
5	Acetic acid, octadecyl ester	312	C20H40O2	000822-23-1	58





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...	3.09	50.9	ng	74581	1	8.17	29287	20.0
2-Pentanone, 4-hy...	5.26	15.7	ng	22951	1	8.17	29287	20.0
unknown7.70	7.70	89.6	ng	131163	1	8.17	29287	20.0
n-Hexadecanoic acid	18.38	2.7	ng	11806	4	17.51	87178	20.0
Bromoacetic acid,...	21.41	5.3	ng	33232	5	21.78	126661	20.0