LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080316\
Data File : BG023447.D
Acq On : 4 Aug 2016 10:37
Operator : UM/SJ
Sample : H4309-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LOCATION-46A-9-11

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-BG080116.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	2.994	21	26	44	rVB	6202061	9552808	96.76%	15.391%
2	5.179	392	398	410	rBV	732534	1123513	11.38%	1.810%
3	5.661	473	480	493	rBV	2142397	3475872	35.21%	5.600%
4	7.271	747	754	766	rBV	2239115	4035745	40.88%	6.502%
5	7.647	809	818	828	rBV	2136189	3759985	38.08%	6.058%
6	8.116	892	898	905	rBV	383756	658978	6.67%	1.062%
7	8.440	946	953	966	rBV	1448087	2615099	26.49%	4.213%
8	9.291	1090	1098	1109	rBV	1314302	2465554	24.97%	3.972%
9	10.948	1371	1380	1388	rBV	564753	1039175	10.53%	1.674%
10	13.398	1788	1797	1807	rBV	3518704	5691424	57.65%	9.170%
11	14.226	1931	1938	1944	rBV	780300	1182494	11.98%	1.905%
12	14.784	2026	2033	2043	rVB2	991060	1649508	16.71%	2.658%
13	16.276	2281	2287	2300	rBV	4049057	6177920	62.57%	9.954%
14	16.470	2315	2320	2328	rBV2	102325	170064	1.72%	0.274%
15	17.545	2495	2503	2510	rBV	1563884	2429032	24.60%	3.914%
16	18.414	2646	2651	2659	rBV	261978	403312	4.08%	0.650%
17	19.683	2863	2867	2871	rBV3	79347	123364	1.25%	0.199%
18	20.153	2940	2947	2955	rBV	7484457	9873141	100.00%	15.908%
19	21.469	3166	3171	3173	rBV5	76274	116309	1.18%	0.187%
20	21.680	3203	3207	3208	rBV2	186044	224581	2.27%	0.362%
21	21.857	3230	3237	3244	rBV2	1603978	2721275	27.56%	4.385%
22	25.240	3801	3813	3825	rBV2	856720	2576576	26.10%	4.151%

Sum of corrected areas: 62065729

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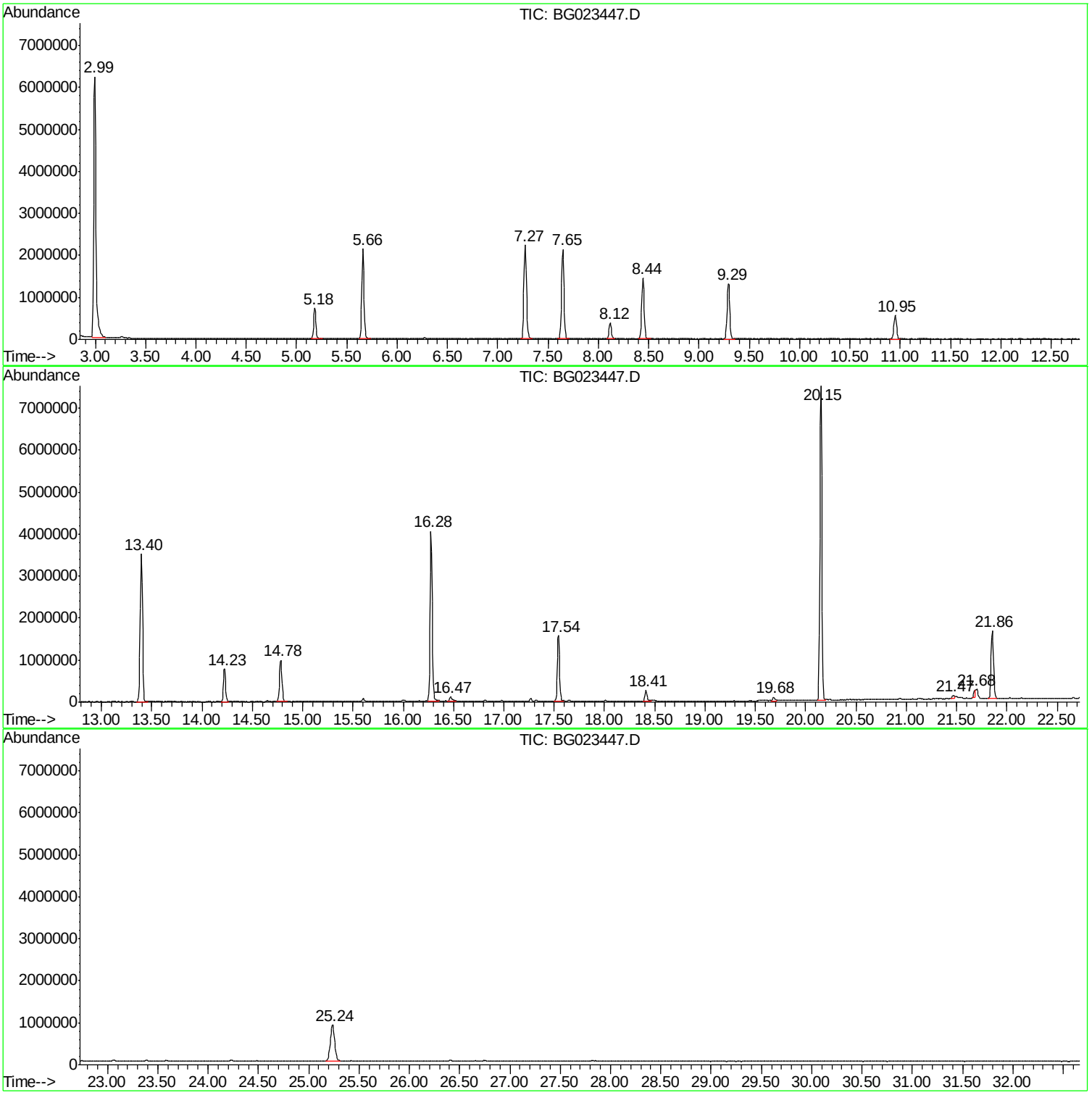
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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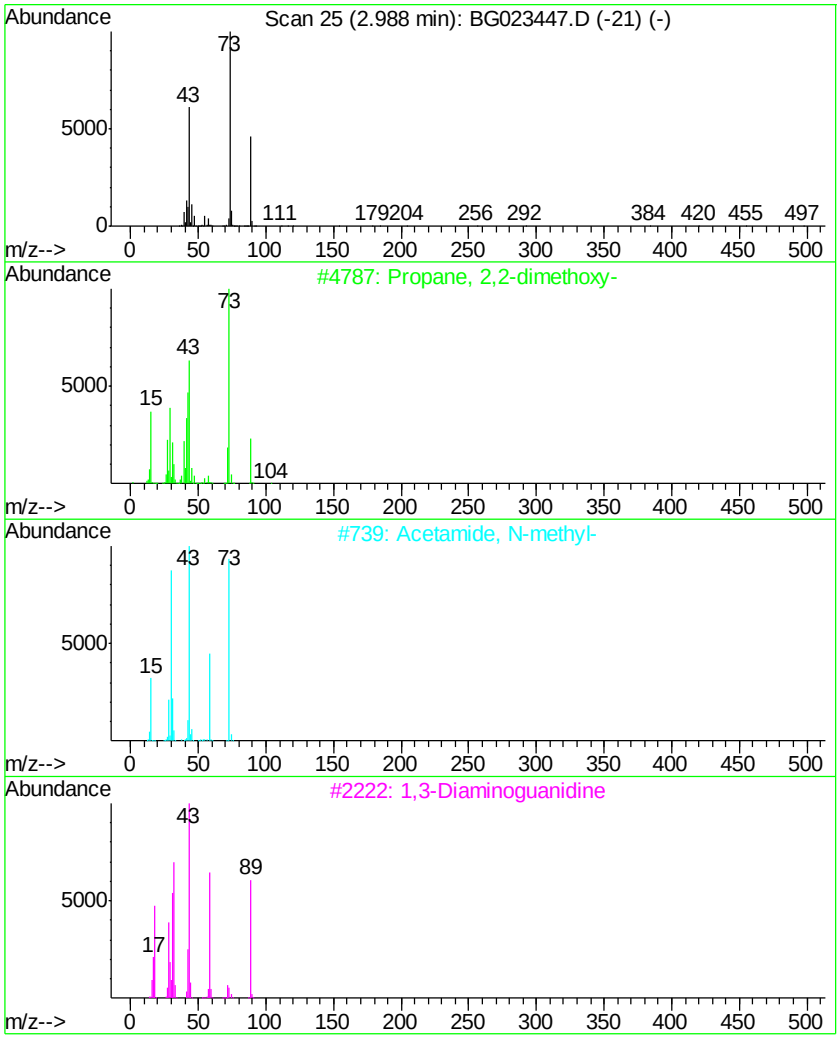
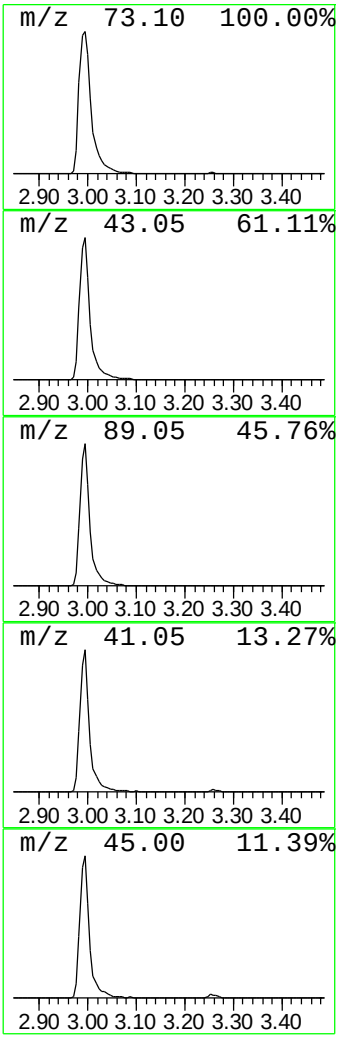
Peak Number 1 unknown2.99 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.99	289.93 ng	9552810	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	28
2	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	9
3	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9
4	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9
5	1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9





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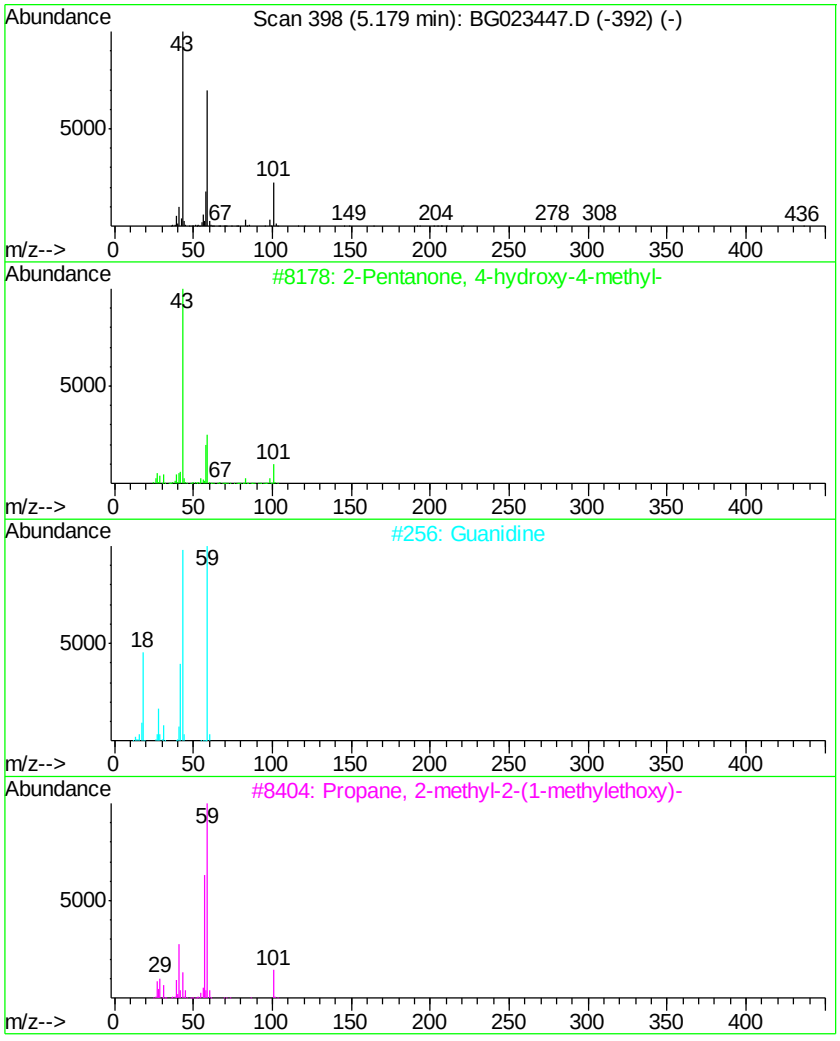
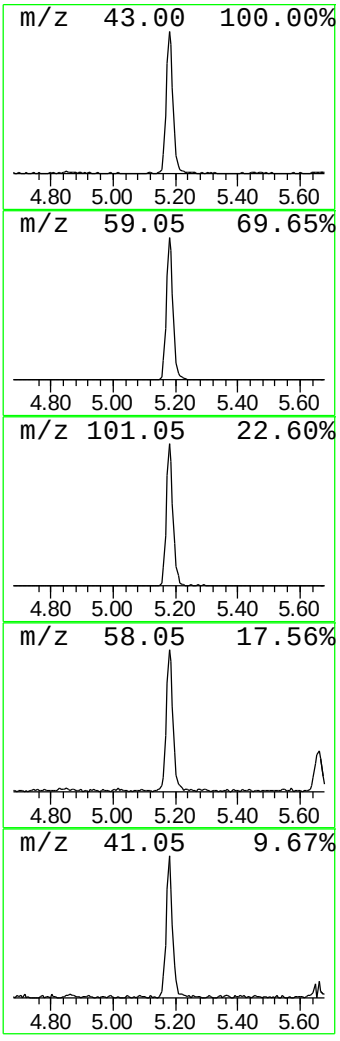
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	34.10 ng	1123510	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	59
2	Guanidine	59	CH5N3	000113-00-8	43
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	23





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Instrument : BNA_G
ClientSampleId : LOCATION-46A-9-11

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
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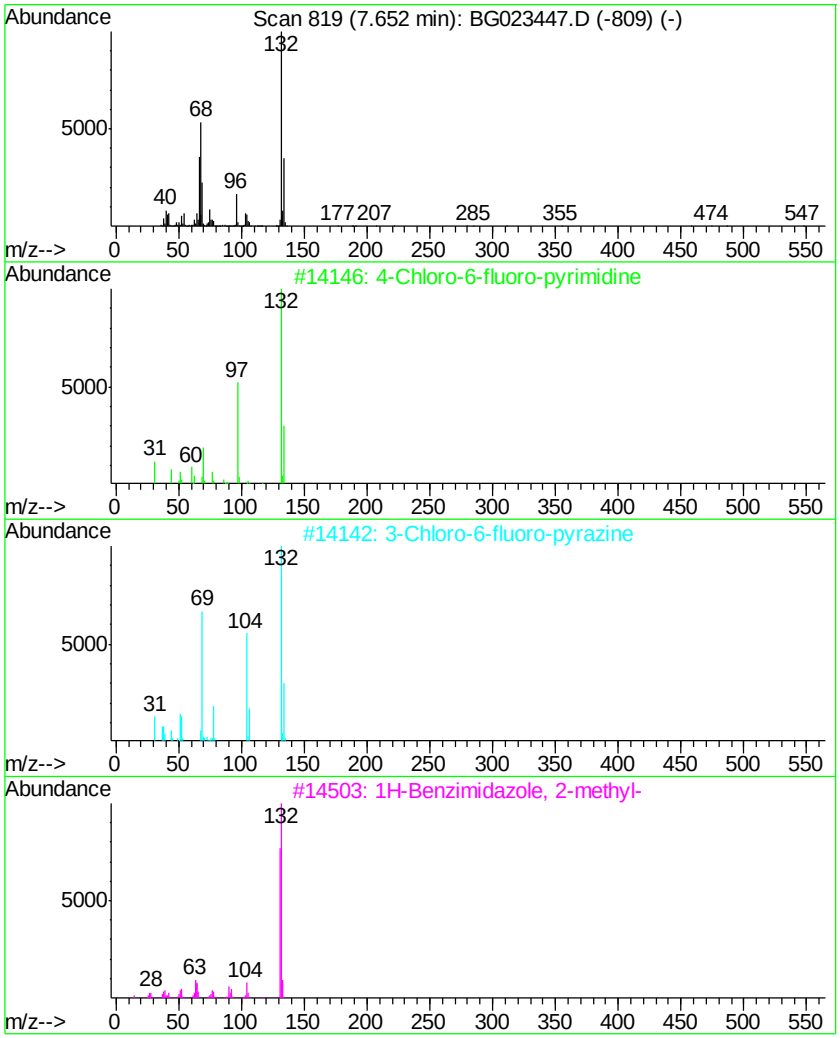
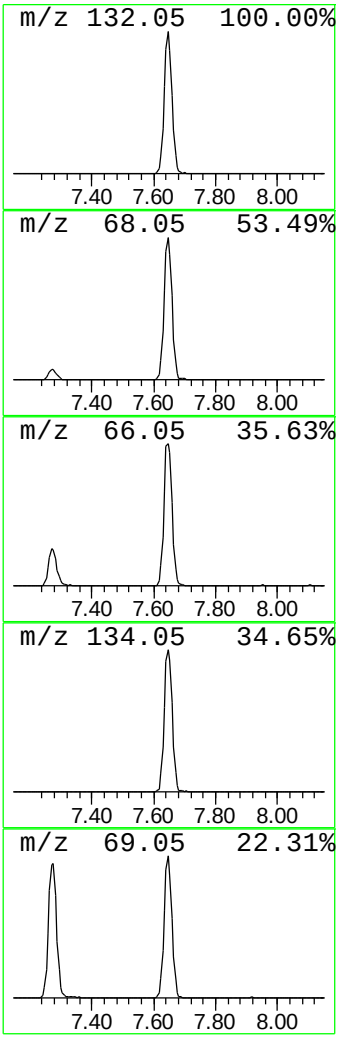
Peak Number 3 unknown7.65 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	114.12 ng	3759990	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	5-Aminoindole	132	C8H8N2	005192-03-0	16
5	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	13





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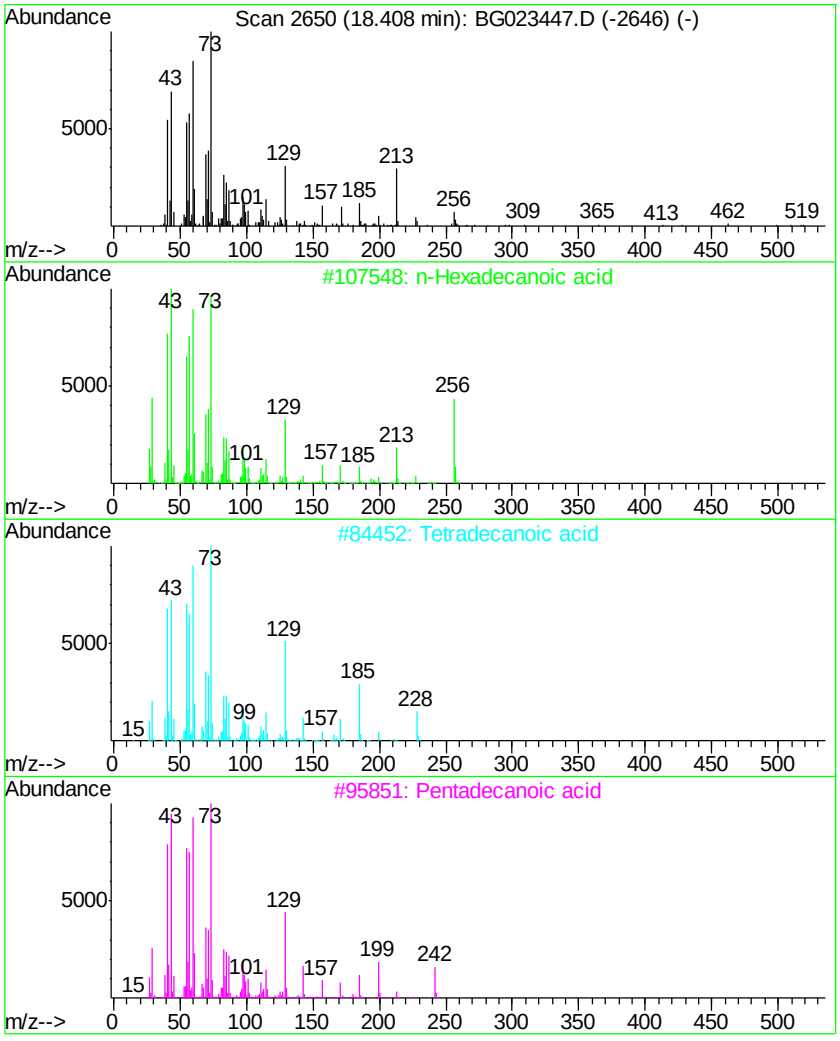
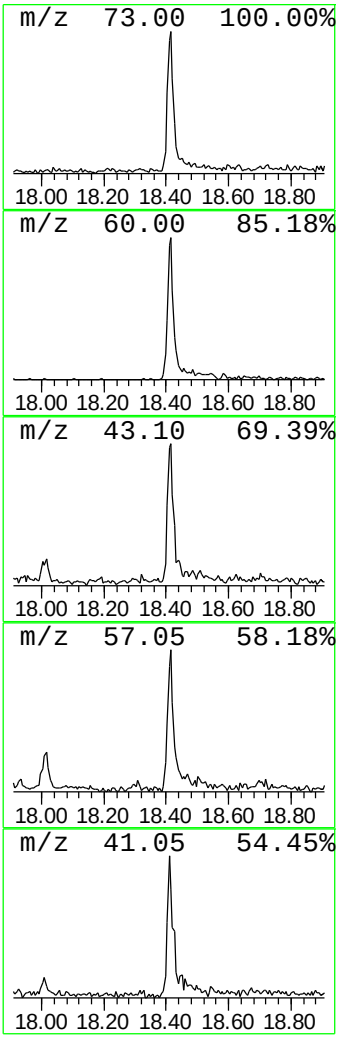
Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.41	3.32 ng	403312	Phenanthrene-d10	17.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
4	Dodecanoic acid	200	C12H24O2	000143-07-7	74
5	Tridecanoic acid	214	C13H26O2	000638-53-9	64





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown2.99	2.99	289.9	ng	9552810	1	8.12	658978	20.0
2-Pentanone, 4-hy...	5.18	34.1	ng	1123510	1	8.12	658978	20.0
unknown7.65	7.65	114.1	ng	3759990	1	8.12	658978	20.0
n-Hexadecanoic acid	18.41	3.3	ng	403312	4	17.54	2429030	20.0