LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082316\
Data File : BG023874.D
Acq On : 24 Aug 2016 4:16
Operator : UM/SJ
Sample : H4554-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P-3

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	2.973	17	23	41	rVB	4119013	8128393	100.00%	17.016%
2	5.158	388	395	405	rVB	528726	856842	10.54%	1.794%
3	5.634	469	476	488	rBV	1752596	2906079	35.75%	6.084%
4	7.249	743	751	771	rBV	1843830	3305452	40.67%	6.920%
5	7.619	806	814	826	rBV	1777634	3151885	38.78%	6.598%
6	8.089	887	894	906	rBV2	400777	708876	8.72%	1.484%
7	8.418	942	950	958	rBV	1260940	2291858	28.20%	4.798%
8	9.270	1087	1095	1108	rBV	1142884	2079860	25.59%	4.354%
9	10.926	1369	1377	1390	rBV	528031	998349	12.28%	2.090%
10	13.376	1785	1794	1803	rBV	2645383	4189992	51.55%	8.771%
11	14.204	1929	1935	1943	rBV	784368	1179688	14.51%	2.470%
12	14.762	2023	2030	2039	rBV2	808792	1341726	16.51%	2.809%
13	15.585	2165	2170	2176	rVB	70866	91000	1.12%	0.190%
14	16.266	2279	2286	2297	rBV	2281563	3657210	44.99%	7.656%
15	16.448	2313	2317	2326	rBV	90886	175187	2.16%	0.367%
16	17.247	2448	2453	2457	rBV2	65328	91518	1.13%	0.192%
17	17.529	2494	2501	2507	rBV2	1125179	1748872	21.52%	3.661%
18	18.399	2645	2649	2656	rBV3	94836	164215	2.02%	0.344%
19	19.585	2846	2851	2856	rVB	99431	149481	1.84%	0.313%
20	19.809	2886	2889	2895	rBV	115905	135851	1.67%	0.284%
21	19.950	2910	2913	2920	rVB2	86166	117487	1.45%	0.246%
22	20.137	2939	2945	2953	rVB	4565821	6174361	75.96%	12.925%
23	20.854	3064	3067	3072	rBV2	84275	89013	1.10%	0.186%
24	21.442	3163	3167	3174	rBV5	76240	146719	1.81%	0.307%
25	21.847	3229	3236	3242	rBV2	1126494	2009385	24.72%	4.206%
26	25.225	3801	3811	3823	rBV	607689	1879811	23.13%	3.935%

Sum of corrected areas: 47769110

LSC Report - Integrated Chromatogram

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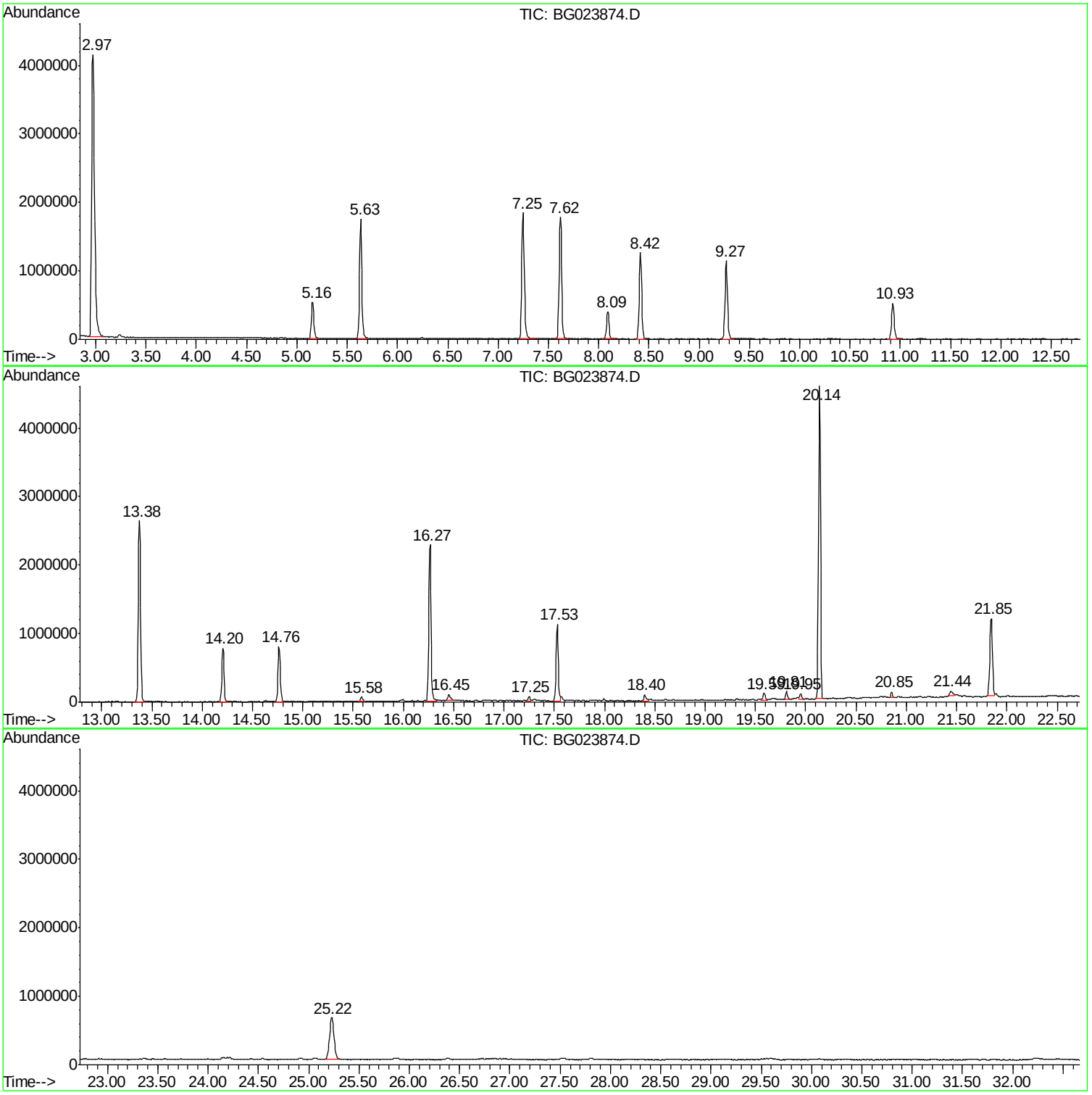
Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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Instrument : BNA_G
ClientSampleId : P-3

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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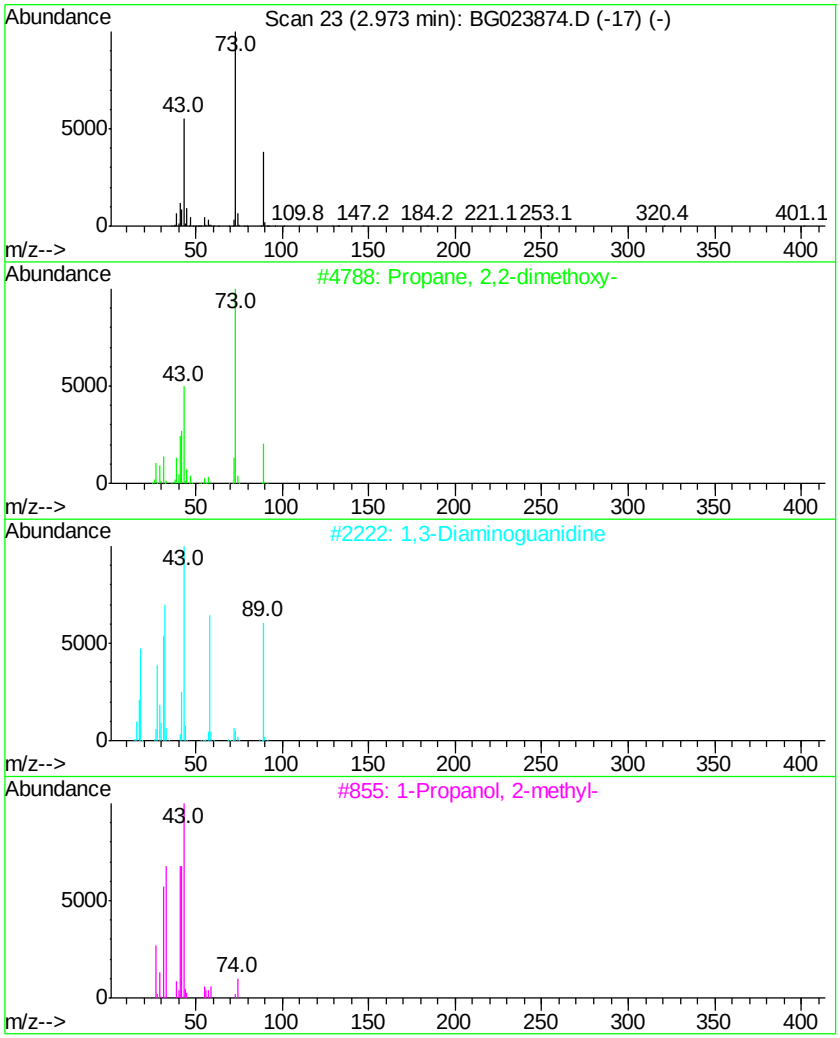
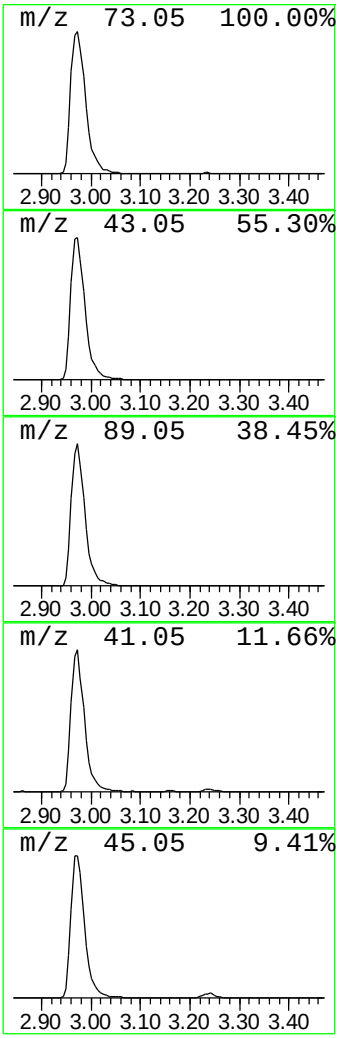
Peak Number 1 unknown2.97 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.97	229.33 ng	8128390	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	36
2	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9
3	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	1,3-Dioxolane, 2-(3-bromo-5,5,5-...	352	C10H16BrCl3O2	1000115-31-4	9





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Instrument : BNA_G
ClientSampleId : P-3

Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG080116.M
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TIC Integration Parameters: LSCINT.P

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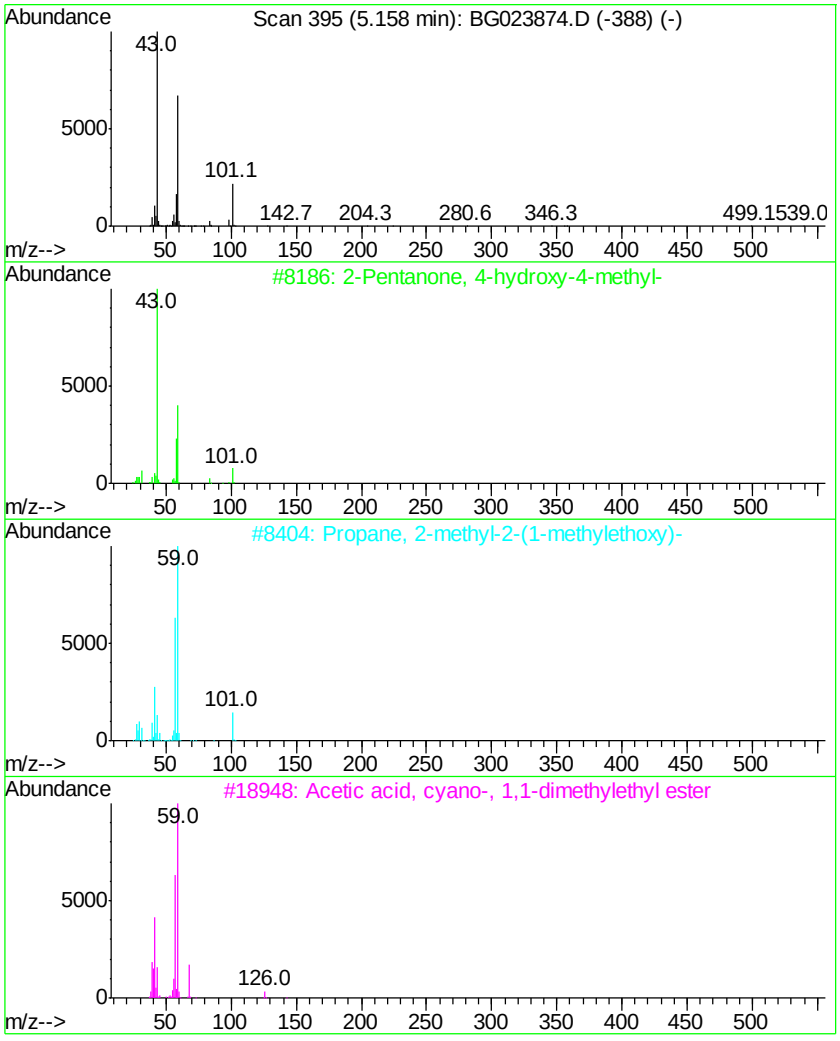
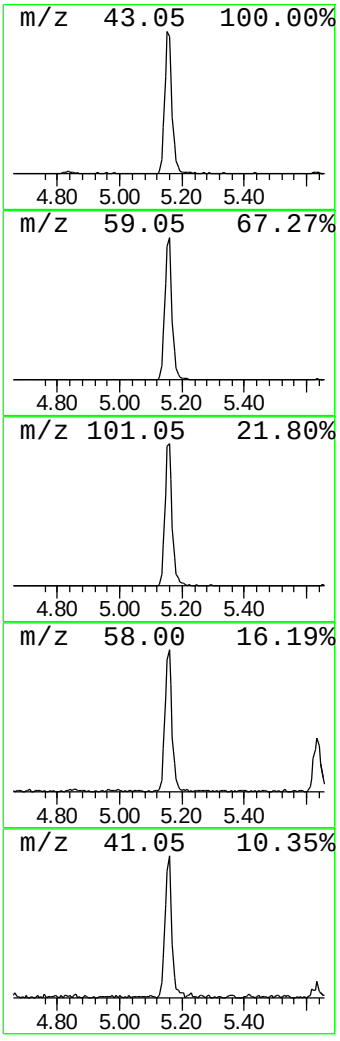
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.16	24.17 ng	856842	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	53
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	2,3-Dimethyloxirane-2-carboxylic...	130	C6H10O3	1000306-64-4	9





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Operator : UM/SJ
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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P-3

Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG080116.M
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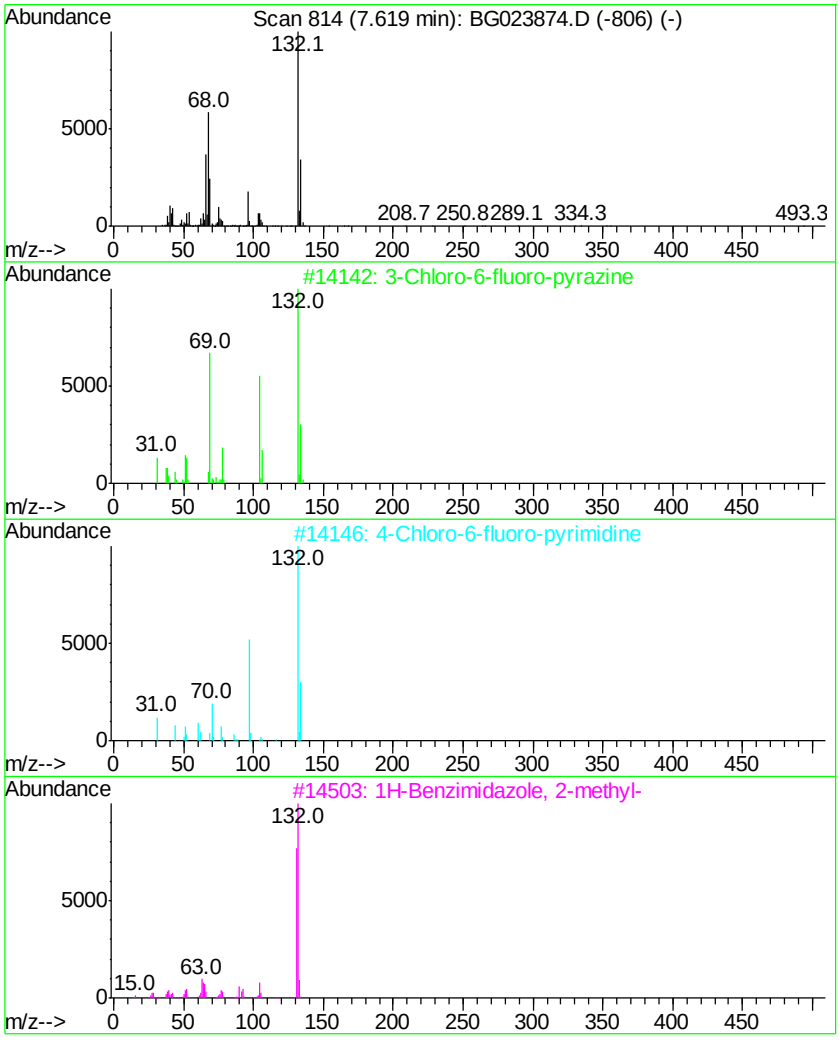
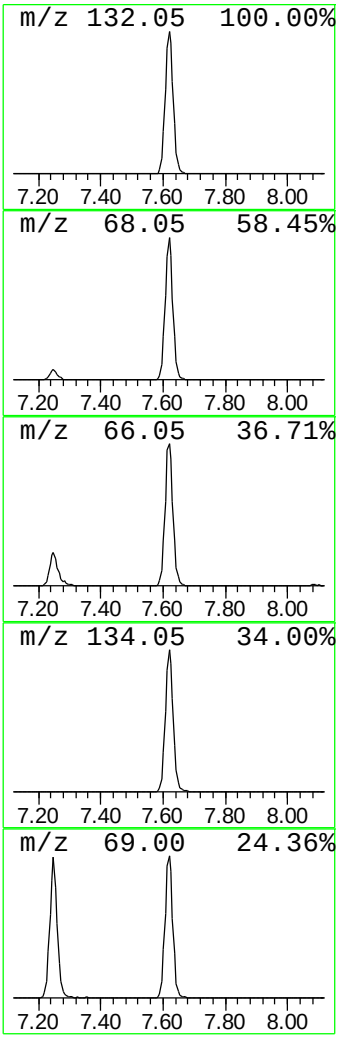
Peak Number 3 unknown7.62 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.62	88.93 ng	3151890	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	5-Aminoindole	132	C8H8N2	005192-03-0	22
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12





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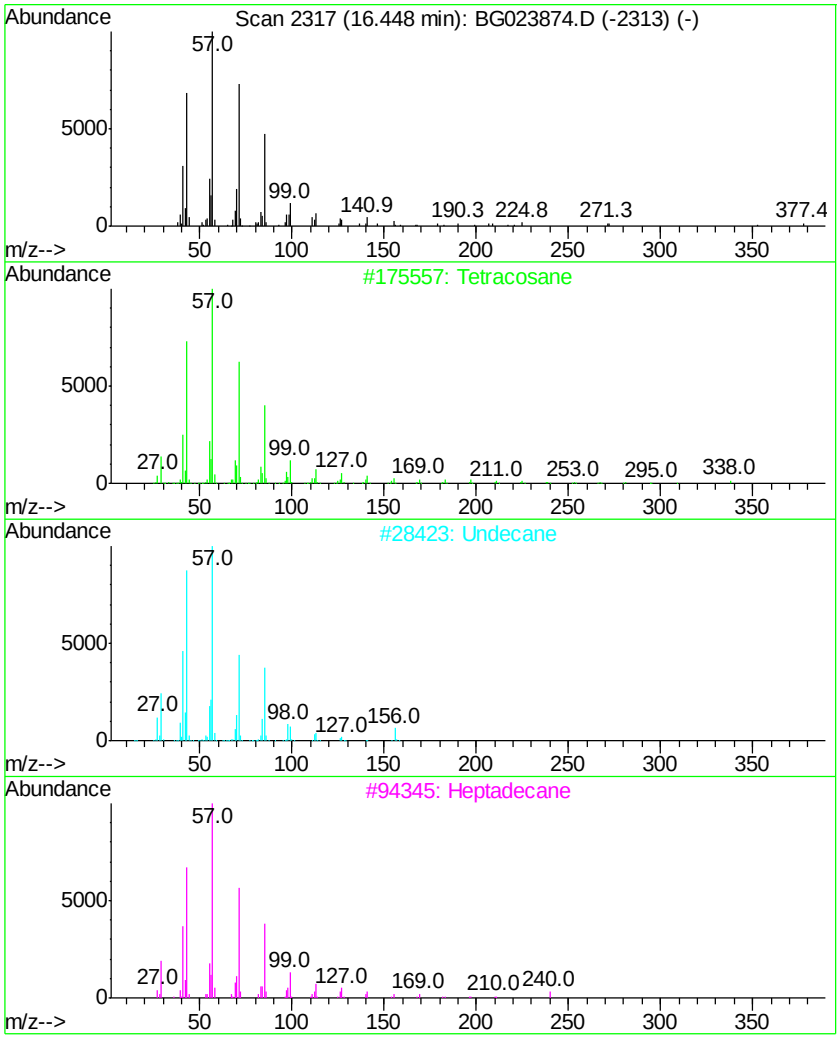
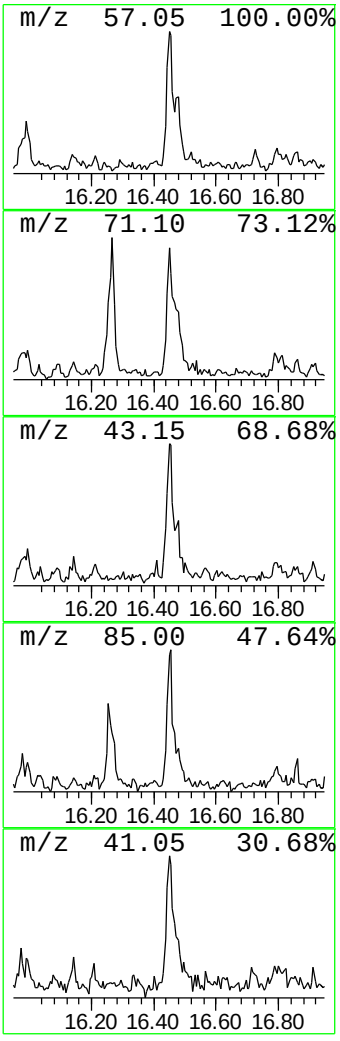
Peak Number 5 Tetracosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.45	2.00 ng	175187	Phenanthrene-d10	17.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	90
2	Undecane	156	C11H24	001120-21-4	86
3	Heptadecane	240	C17H36	000629-78-7	86
4	Nonadecane	268	C19H40	000629-92-5	80
5	Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	80





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown2.97	2.97	229.3	ng	8128390	1	8.10	708876	20.0
2-Pentanone, 4-hy...	5.16	24.2	ng	856842	1	8.10	708876	20.0
unknown7.62	7.62	88.9	ng	3151890	1	8.10	708876	20.0
Tetracosane	16.45	2.0	ng	175187	4	17.53	1748870	20.0