LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073116\
Data File : BG023374.D
Acq On : 31 Jul 2016 18:57
Operator : UM/SJ
Sample : H4285-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

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

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	2.999	22	27	42	rVB	1899906	2953051	25.69%	3.938%
2	5.185	394	399	411	rBV	896091	1415575	12.31%	1.888%
3	5.666	472	481	493	rBV	3003382	5053131	43.96%	6.738%
4	7.282	748	756	768	rBV	3362719	6050759	52.64%	8.068%
5	7.652	810	819	832	rBV	3183907	5549250	48.27%	7.400%
6	8.122	891	899	907	rBV	582724	983671	8.56%	1.312%
7	8.451	946	955	966	rBV	2054167	3559259	30.96%	4.746%
8	9.297	1092	1099	1107	rBV	2045372	3720207	32.36%	4.961%
9	10.953	1373	1381	1391	rBV	893138	1631008	14.19%	2.175%
10	13.403	1788	1798	1810	rBV	5071708	8290941	72.13%	11.055%
11	14.225	1932	1938	1944	rBV	1116073	1668535	14.52%	2.225%
12	14.783	2026	2033	2044	rVB2	1617606	2642462	22.99%	3.524%
13	15.606	2169	2173	2178	rVB	165520	216435	1.88%	0.289%
14	16.017	2236	2243	2247	rBV4	50214	118085	1.03%	0.157%
15	16.281	2281	2288	2298	rBV	4859418	7434801	64.68%	9.914%
16	16.475	2316	2321	2328	rBV	194766	353656	3.08%	0.472%
17	17.268	2452	2456	2461	rBV	113750	147260	1.28%	0.196%
18	17.544	2496	2503	2511	rBV2	2293215	3602382	31.34%	4.804%
19	18.414	2647	2651	2662	rBV	535402	873579	7.60%	1.165%
20	19.683	2863	2867	2879	rBV2	212844	345853	3.01%	0.461%
21	20.153	2941	2947	2954	rBV	8645528	11495236	100.00%	15.328%
22	21.468	3166	3171	3173	rBV3	122156	189858	1.65%	0.253%
23	21.862	3231	3238	3246	rVB	1914466	3307598	28.77%	4.410%
24	24.235	3636	3642	3647	rBV10	48992	117397	1.02%	0.157%
25	25.240	3803	3813	3826	rVB3	1074533	3274342	28.48%	4.366%

Sum of corrected areas: 74994331

LSC Report - Integrated Chromatogram

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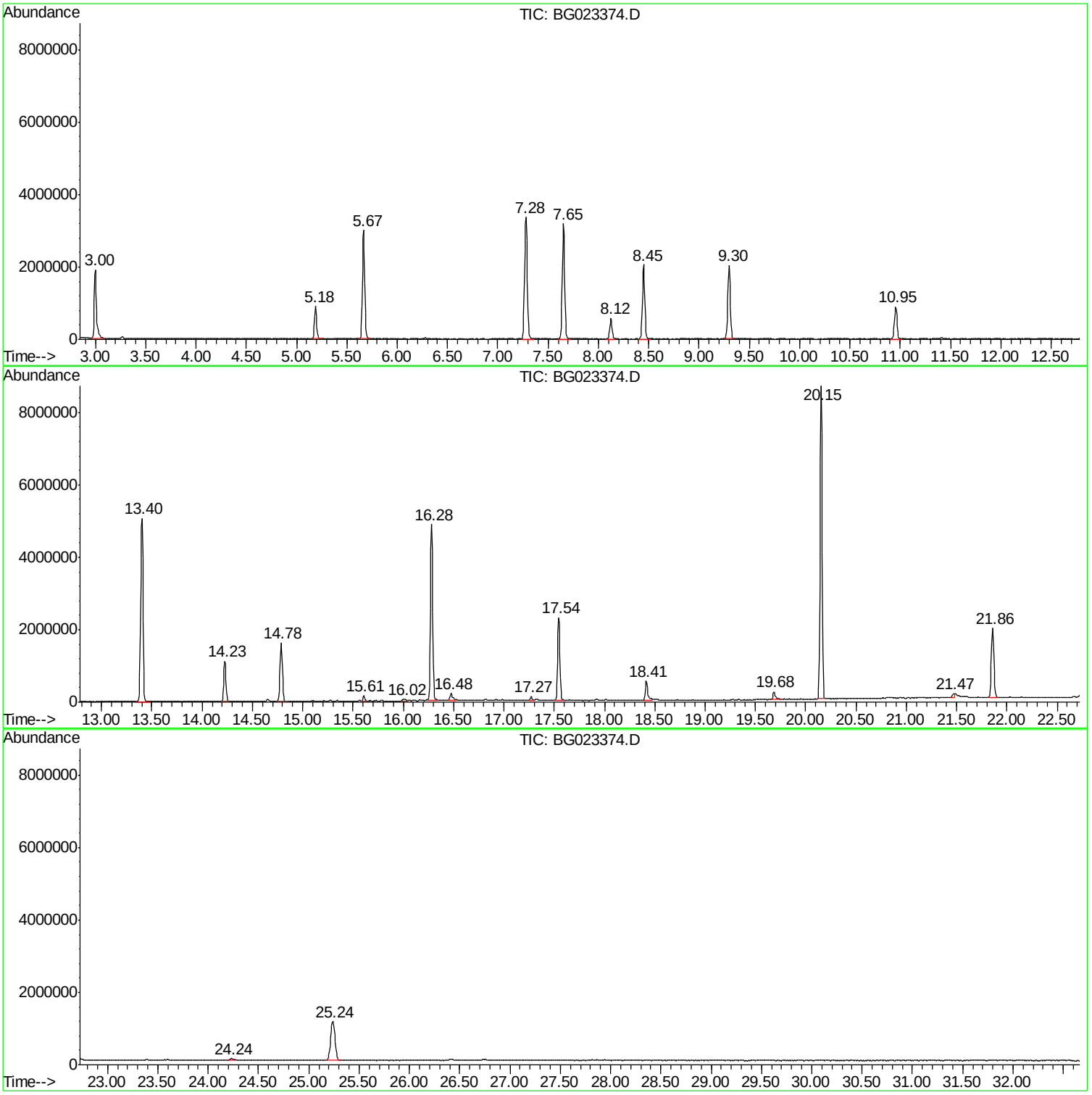
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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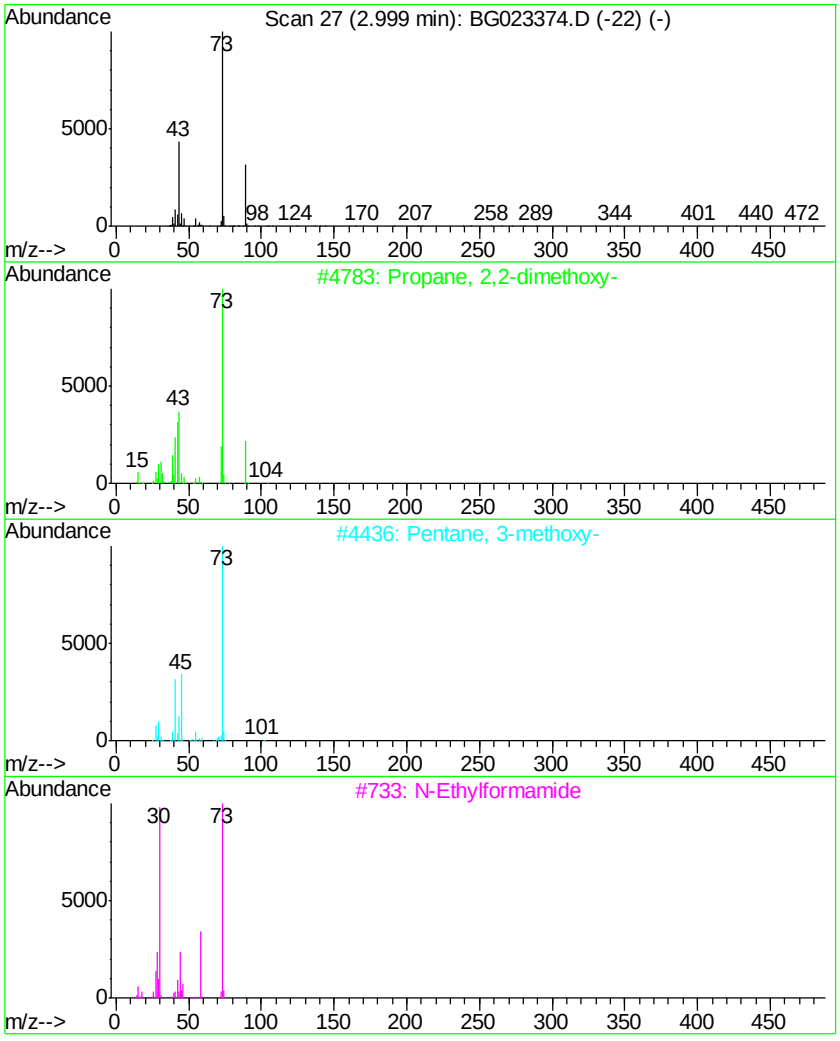
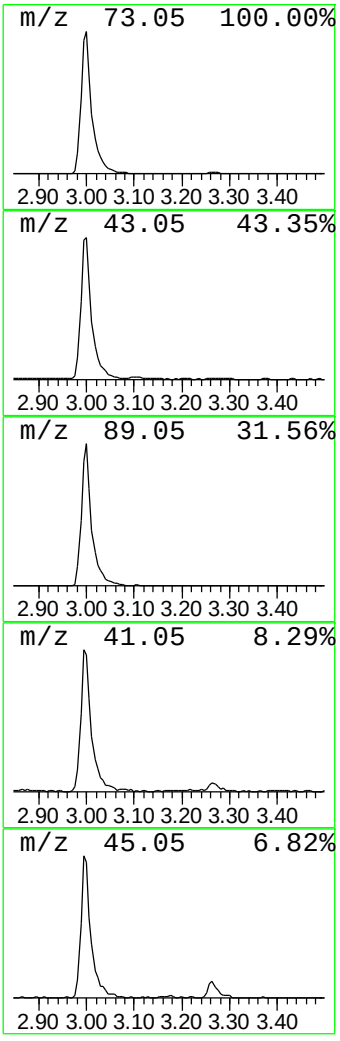
Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.00	60.04 ng	2953050	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	12
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
5	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9





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Misc :
ALS Vial : 10 Sample Multiplier: 1

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

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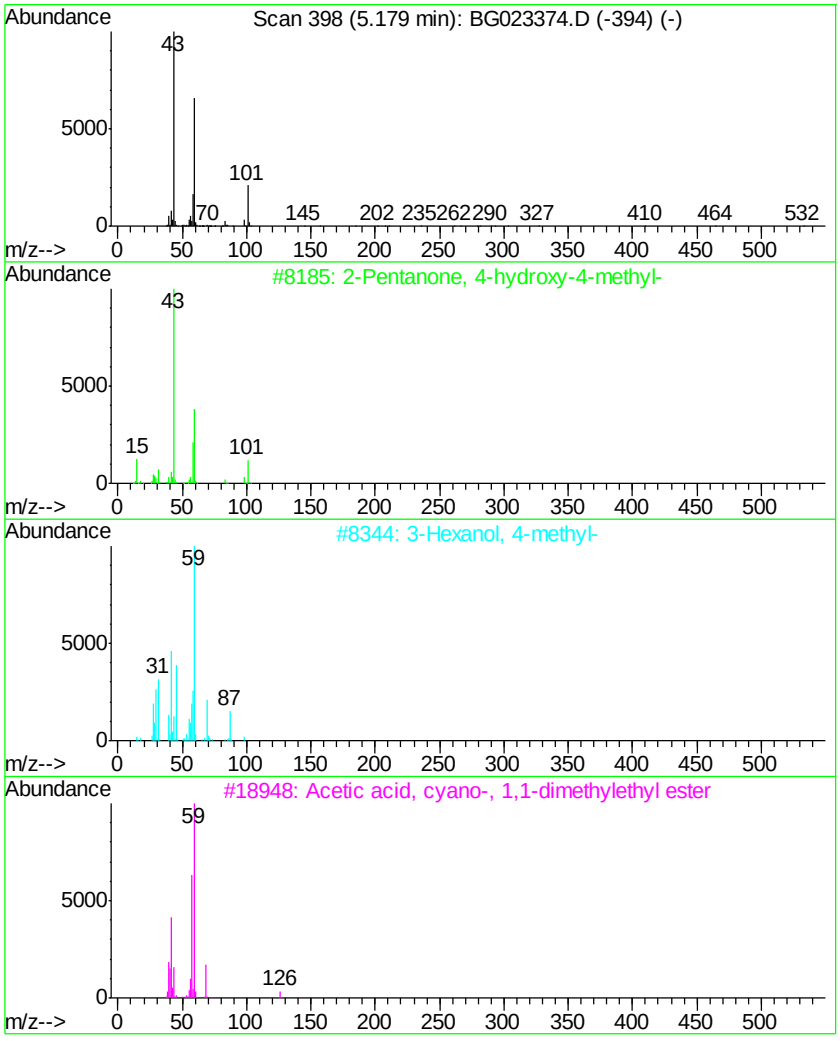
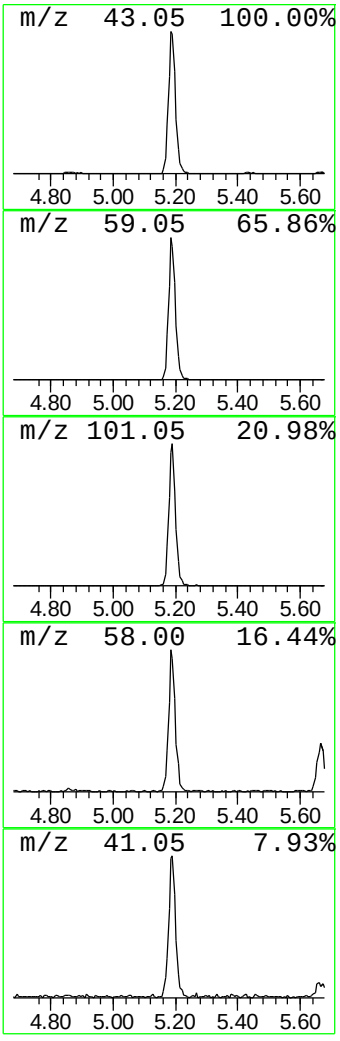
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	28.78 ng	1415580	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	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Acetone	58	C3H6O	000067-64-1	9





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Misc :
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Instrument : BNA_G
ClientSampleId : AB-SLOPE(0-4)S

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.M
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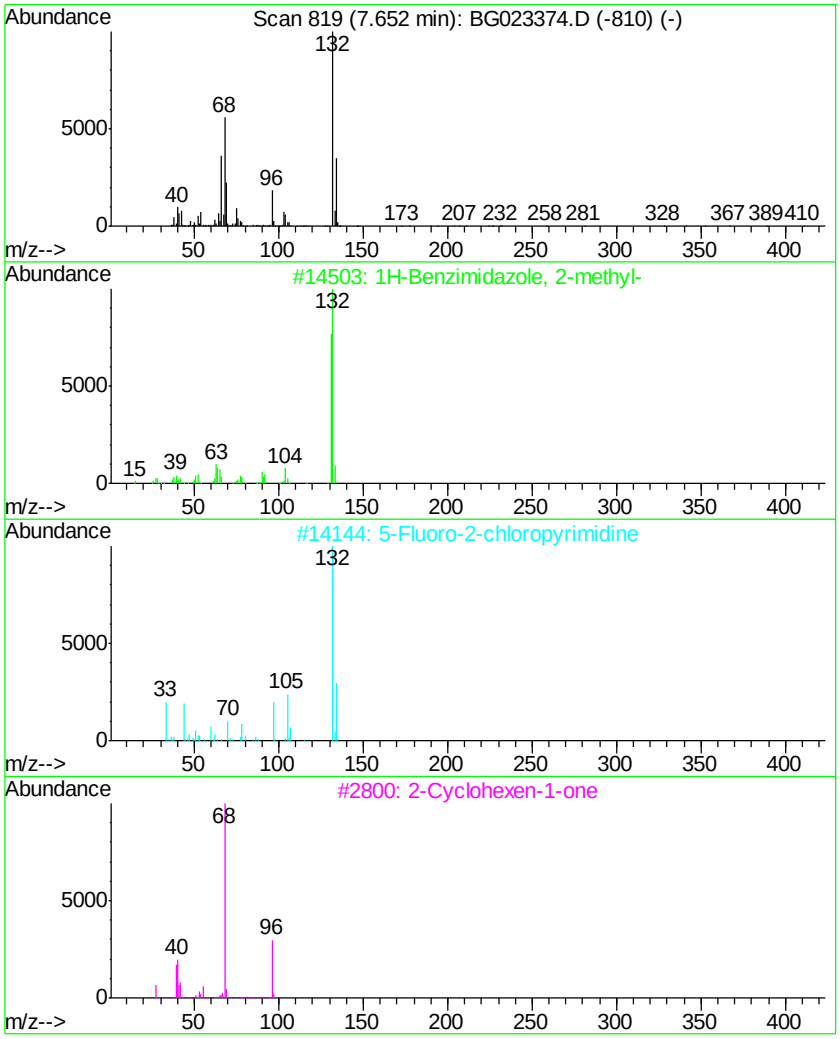
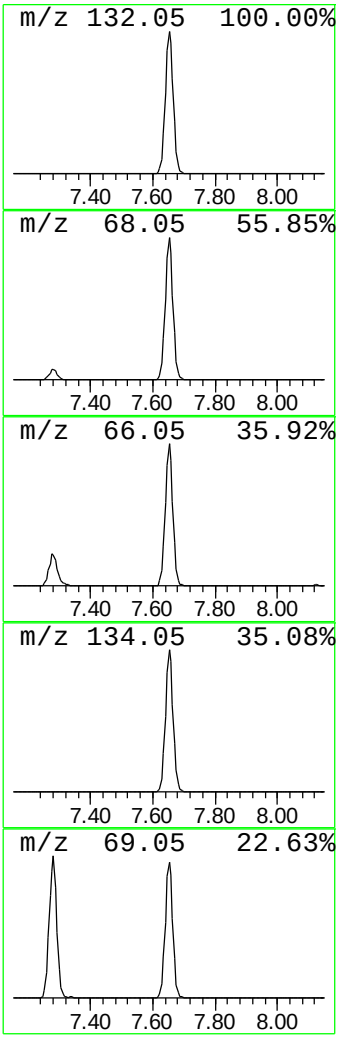
Peak Number 3 unknown7.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	112.83 ng	5549250	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	11
4	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10
5	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10





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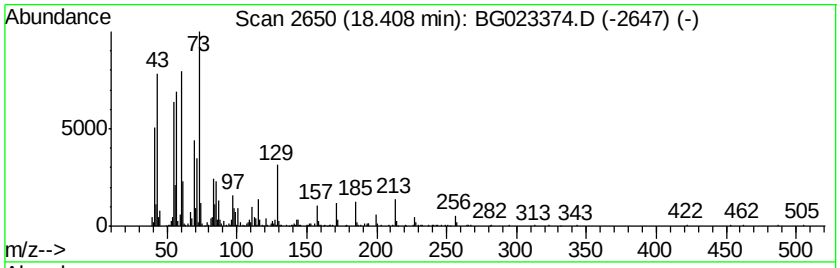
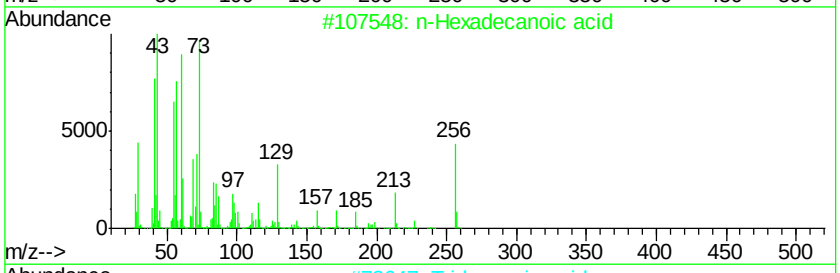
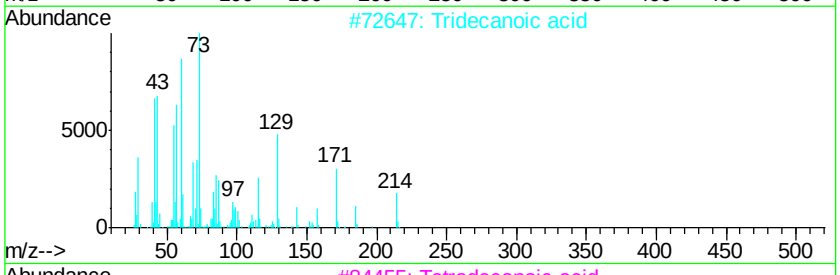
Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

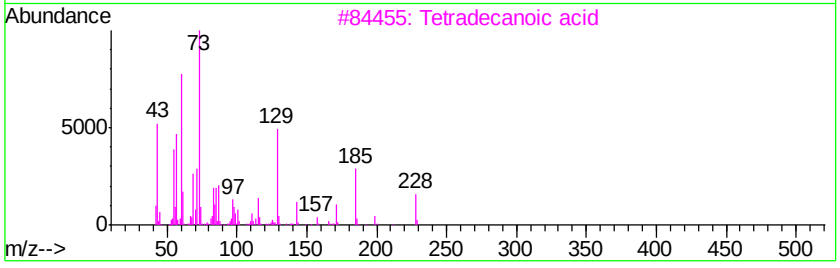
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.41	4.85 ng	873579	Phenanthrene-d10	17.54

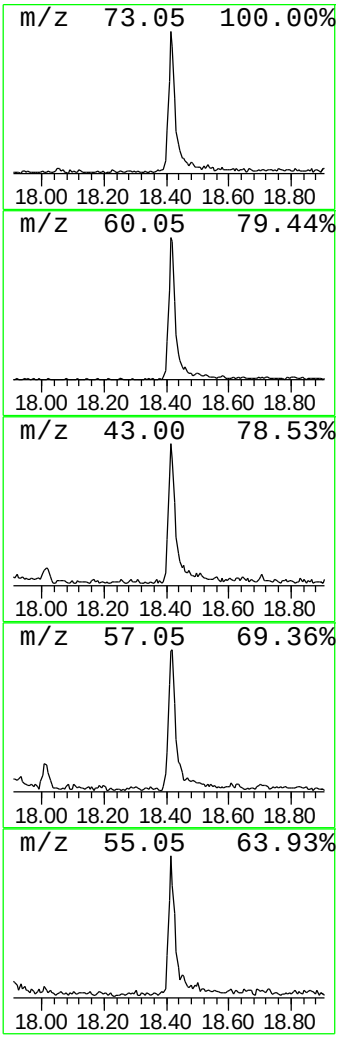
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	Tridecanoic acid	214	C13H26O2	000638-53-9	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	l-(+)-Ascorbic acid 2,6-dihexade...	652	C38H68O8	028474-90-0	53
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	53











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
Propane, 2,2-dime...	3.00	60.0	ng	2953050	1	8.12	983671	20.0
2-Pentanone, 4-hy...	5.18	28.8	ng	1415580	1	8.12	983671	20.0
unknown7.65	7.65	112.8	ng	5549250	1	8.12	983671	20.0
n-Hexadecanoic acid	18.41	4.8	ng	873579	4	17.54	3602380	20.0