LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031218\
Data File : BG033106.D
Acq On : 13 Mar 2018 2:14
Operator : SJ/JU
Sample : J1867-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CPS123071

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-BG022118.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	3.518	33	39	53	rVB	90716	209133	9.36%	1.643%
2	5.820	425	431	440	rBV	34441	60234	2.70%	0.473%
3	6.326	510	517	528	rBV	234714	417343	18.69%	3.279%
4	8.000	794	802	816	rBV	149900	291996	13.07%	2.294%
5	8.417	866	873	884	rBV	448317	824745	36.93%	6.480%
6	8.910	949	957	965	rVB	156018	284448	12.74%	2.235%
7	9.245	1006	1014	1024	rVB	467263	857390	38.39%	6.736%
8	10.109	1153	1161	1168	rBV	391881	743752	33.30%	5.843%
9	11.795	1437	1448	1456	rBV	223531	416540	18.65%	3.273%
10	14.150	1842	1849	1857	rBV	1075684	1665562	74.57%	13.085%
11	14.943	1977	1984	1989	rBV	97857	145954	6.53%	1.147%
12	15.355	2049	2054	2059	rBV	41786	54897	2.46%	0.431%
13	15.525	2076	2083	2094	rVB2	334060	555096	24.85%	4.361%
14	16.289	2209	2213	2219	rVB2	58476	76219	3.41%	0.599%
15	16.694	2274	2282	2286	rBV4	13735	28965	1.30%	0.228%
16	16.993	2326	2333	2344	rBV	661394	1050625	47.04%	8.254%
17	17.146	2354	2359	2370	rBV	50300	87988	3.94%	0.691%
18	17.933	2487	2493	2498	rBV	40761	54114	2.42%	0.425%
19	18.251	2539	2547	2555	rBV2	430239	662243	29.65%	5.203%
20	18.662	2613	2617	2622	rBV	23976	28935	1.30%	0.227%
21	19.050	2678	2683	2692	rBV2	163208	261231	11.70%	2.052%
22	20.277	2886	2892	2901	rBV	76346	131572	5.89%	1.034%
23	20.765	2969	2975	2994	rBV	1598367	2233463	100.00%	17.547%
24	22.128	3200	3207	3224	rBV3	69684	226632	10.15%	1.781%
25	22.604	3280	3288	3298	rBV2	347984	673669	30.16%	5.293%
26	24.507	3606	3612	3617	rBV3	12368	24152	1.08%	0.190%
27	26.404	3923	3935	3950	rBV3	170886	626846	28.07%	4.925%
28	30.193	4571	4580	4581	rBV6	18557	34672	1.55%	0.272%

Sum of corrected areas: 12728416

LSC Report - Integrated Chromatogram

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Misc :
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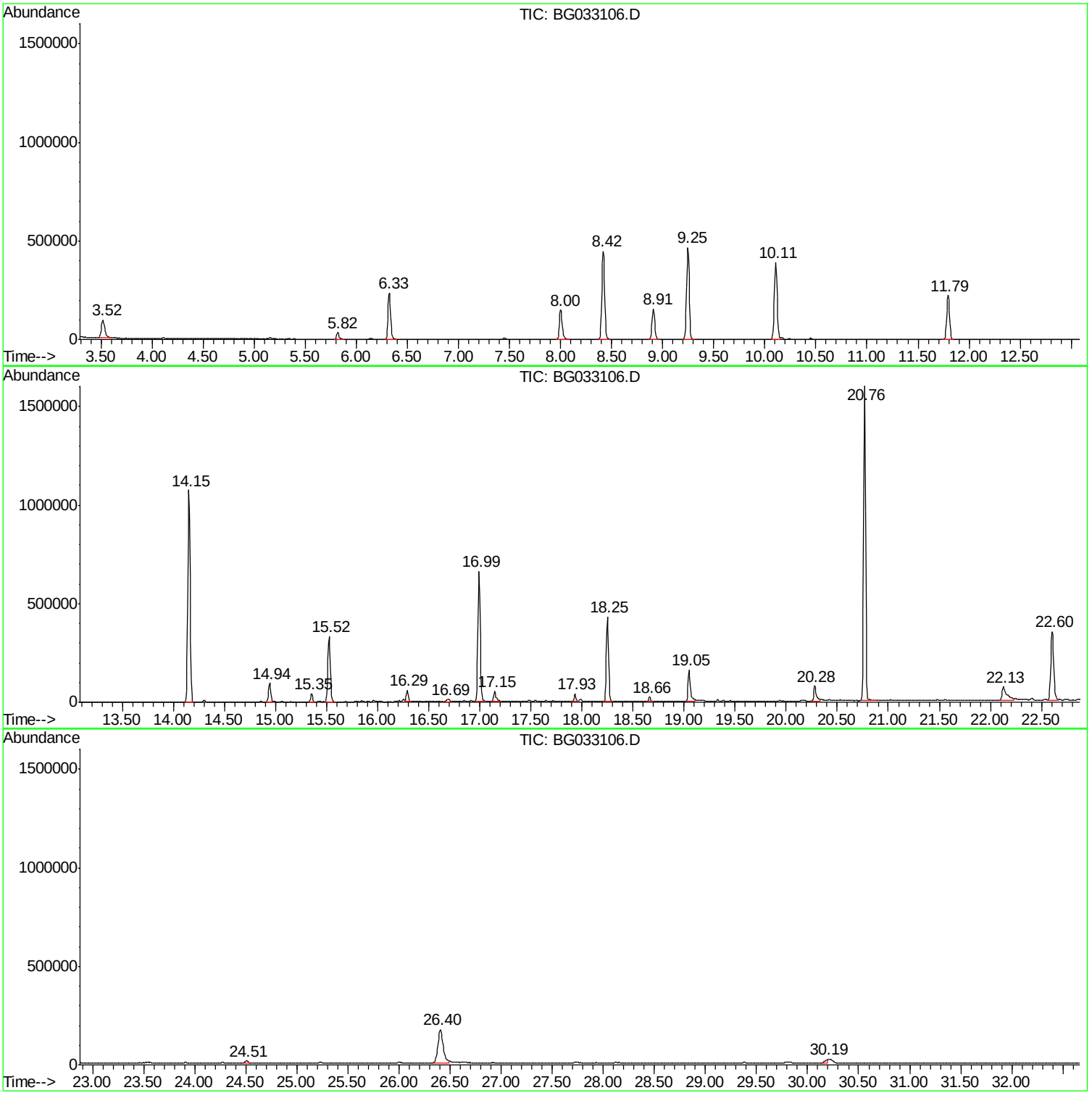
Instrument : BNA_G
ClientSampleId : CPS123071

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG031218\
Data File : BG033106.D
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Operator : SJ/JU
Sample : J1867-06
Misc :
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Instrument : BNA_G
ClientSampleId : CPS123071

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022118.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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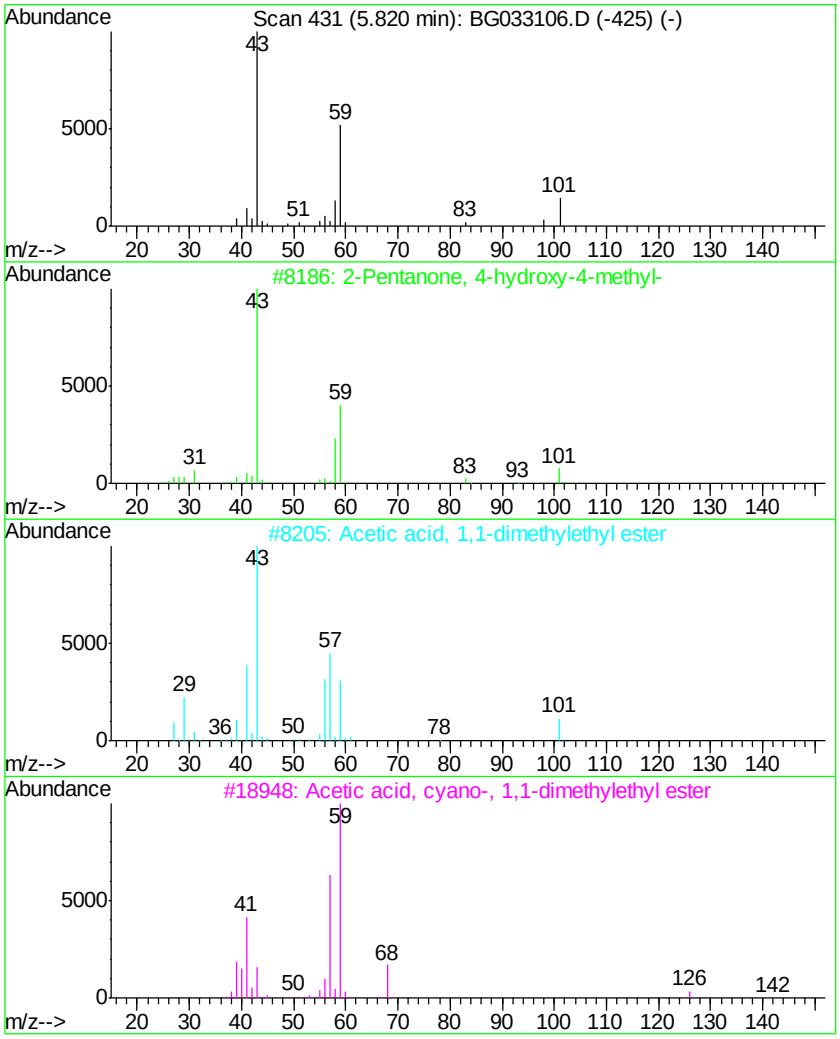
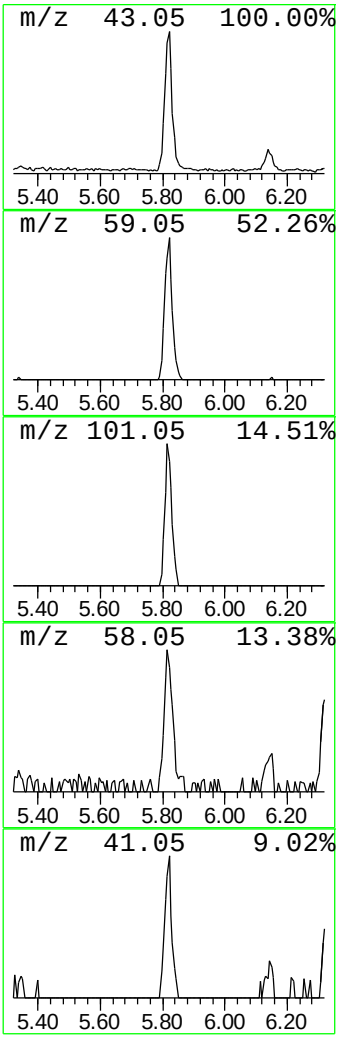
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.82	4.24 ng	60234	1,4-Dichlorobenzene-d4	8.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	3-Octanol	130	C8H18O	000589-98-0	9





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Data File : BG033106.D
Acq On : 13 Mar 2018 2:14
Operator : SJ/JU
Sample : J1867-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CPS123071

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022118.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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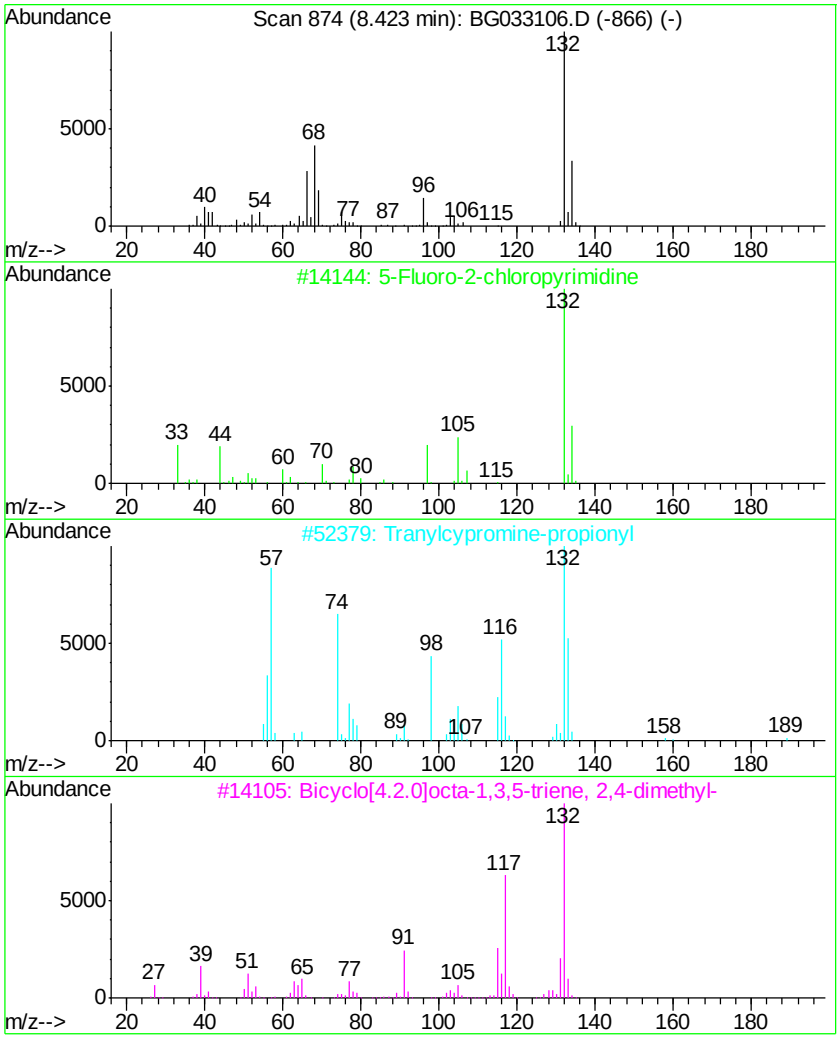
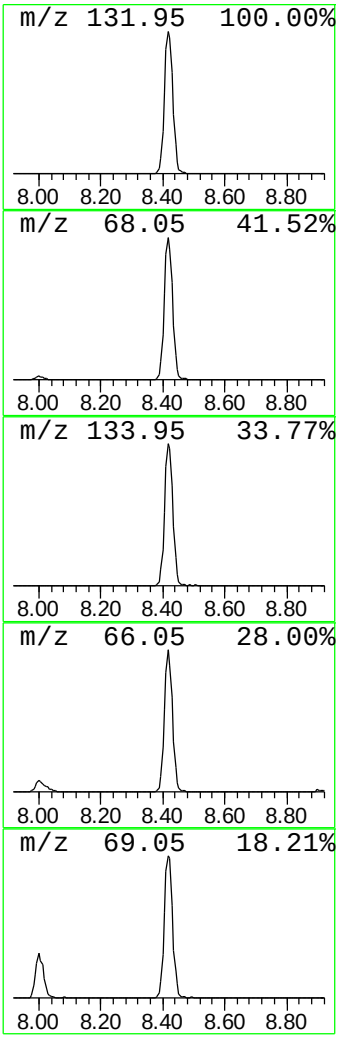
Peak Number 3 unknown8.42 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.42	57.99 ng	824745	1,4-Dichlorobenzene-d4	8.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	Xenon	132	Xe	007440-63-3	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG031218\
Data File : BG033106.D
Acq On : 13 Mar 2018 2:14
Operator : SJ/JU
Sample : J1867-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CPS123071

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022118.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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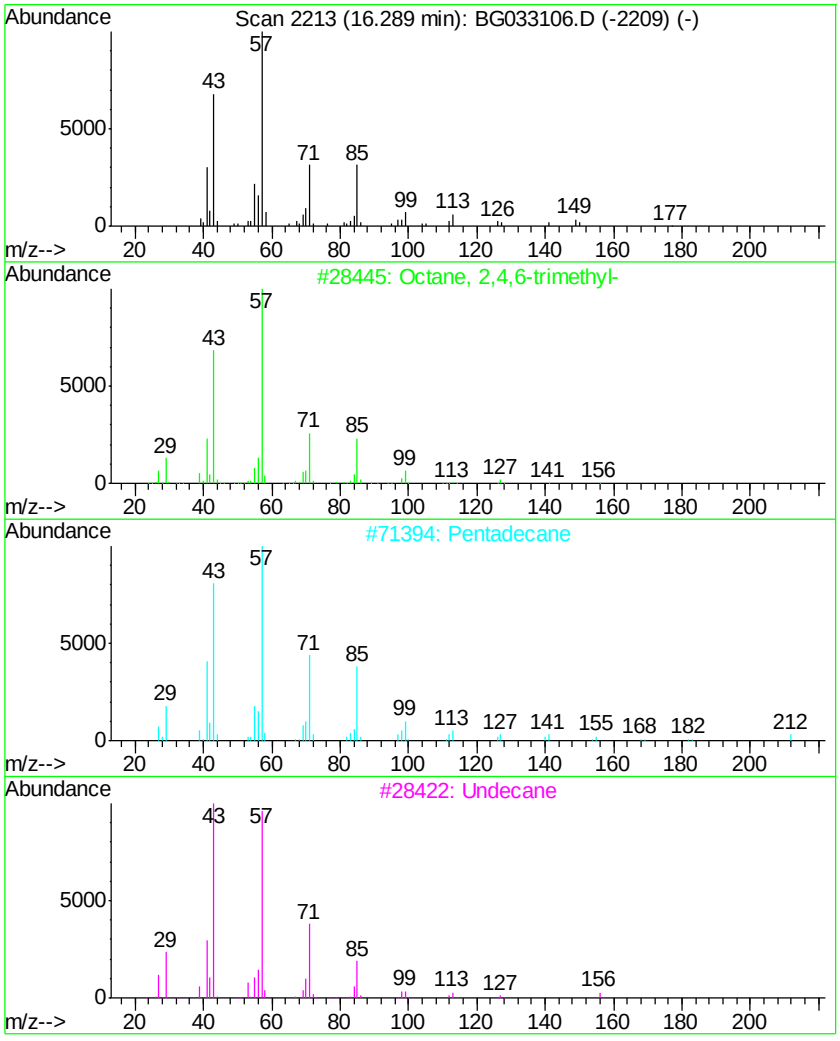
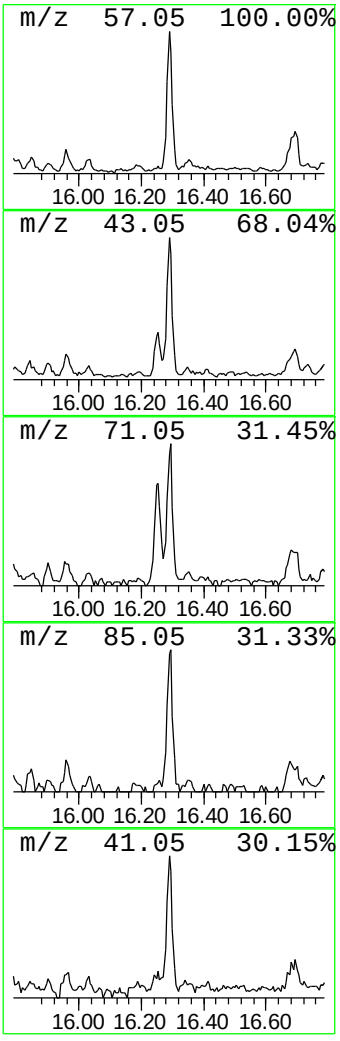
Peak Number 5 Octane, 2,4,6-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	2.75 ng	76219	Acenaphthene-d10	15.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	80
2	Pentadecane	212	C15H32	000629-62-9	72
3	Undecane	156	C11H24	001120-21-4	59
4	Decane	142	C10H22	000124-18-5	59
5	Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	53





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Data File : BG033106.D
Acq On : 13 Mar 2018 2:14
Operator : SJ/JU
Sample : J1867-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CPS123071

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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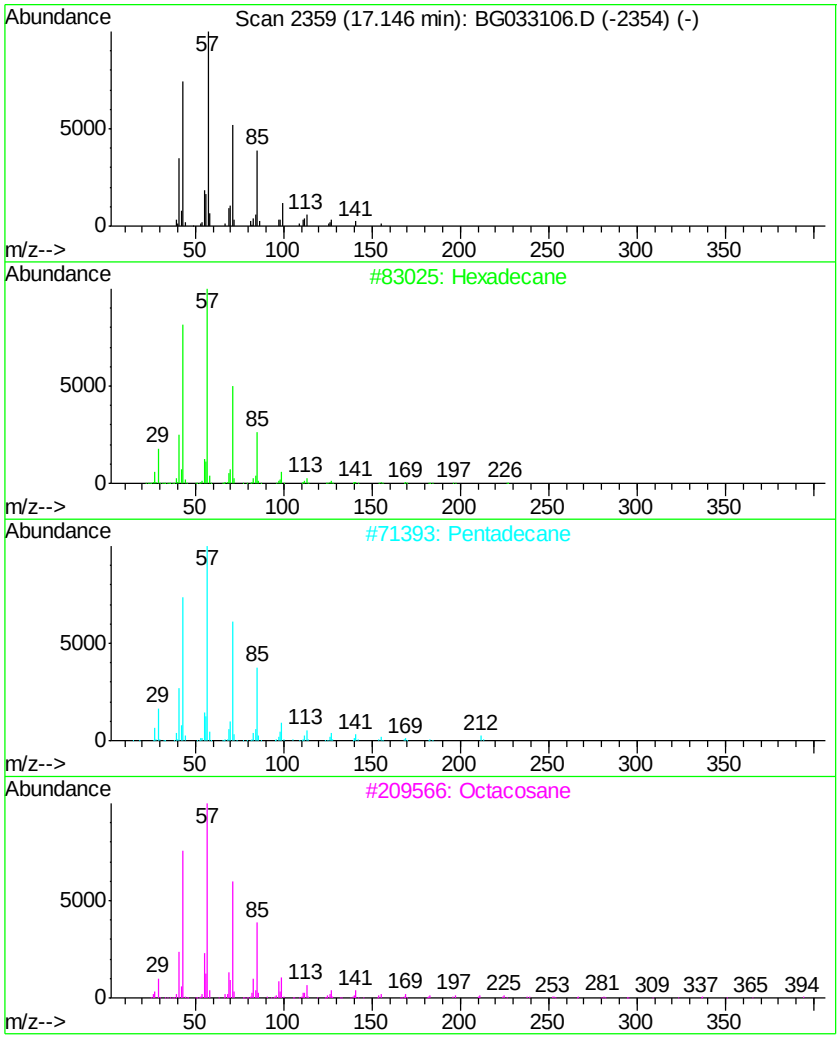
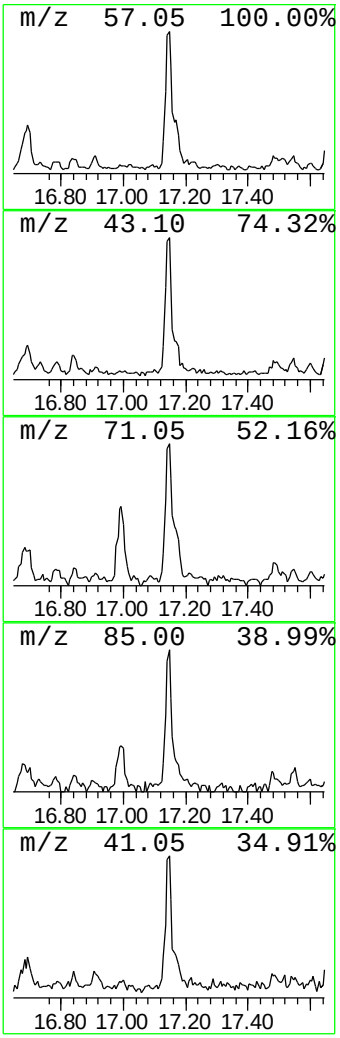
Peak Number 6 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.15	2.66 ng	87988	Phenanthrene-d10	18.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Pentadecane	212	C15H32	000629-62-9	86
3	Octacosane	394	C28H58	000630-02-4	83
4	Nonadecane	268	C19H40	000629-92-5	78
5	Eicosane	282	C20H42	000112-95-8	72





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Sample : J1867-06
Misc :
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Instrument : BNA_G
ClientSampleId : CPS123071

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022118.M
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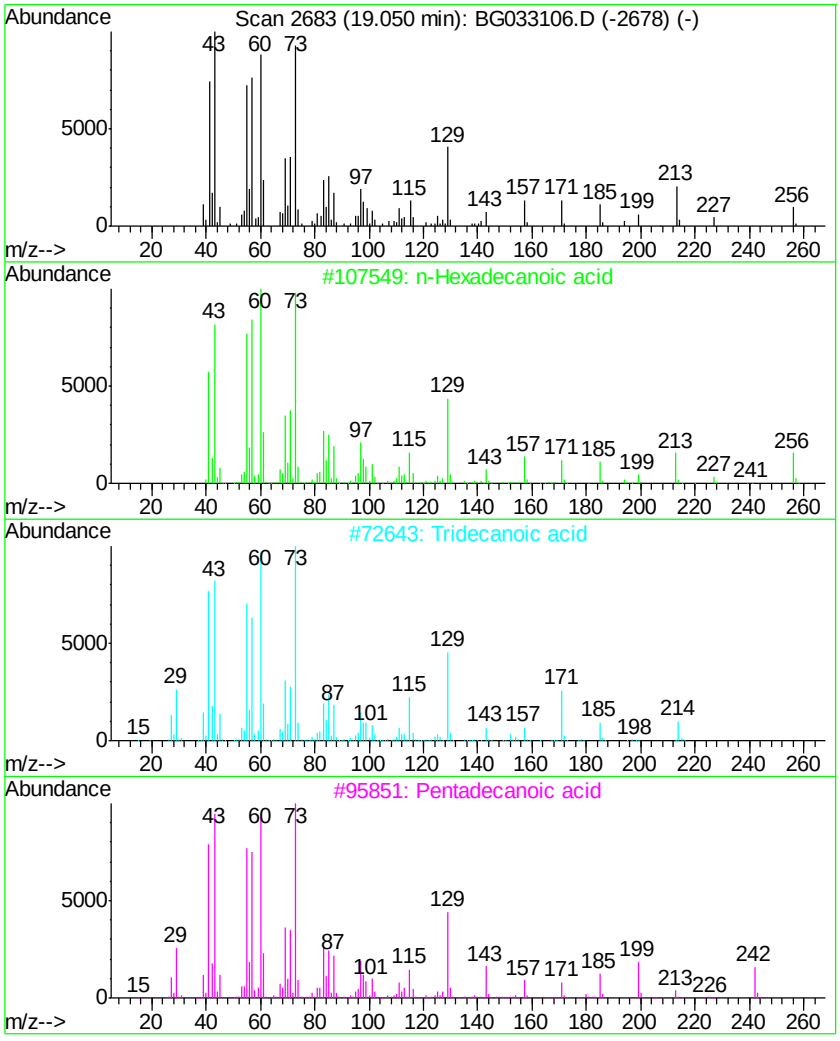
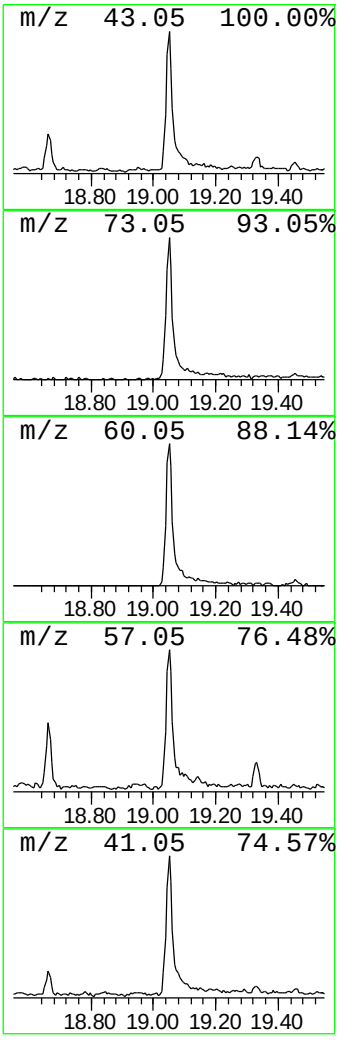
Peak Number 7 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.05	7.89 ng	261231	Phenanthrene-d10	18.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	89
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	53





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Sample : J1867-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CPS123071

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022118.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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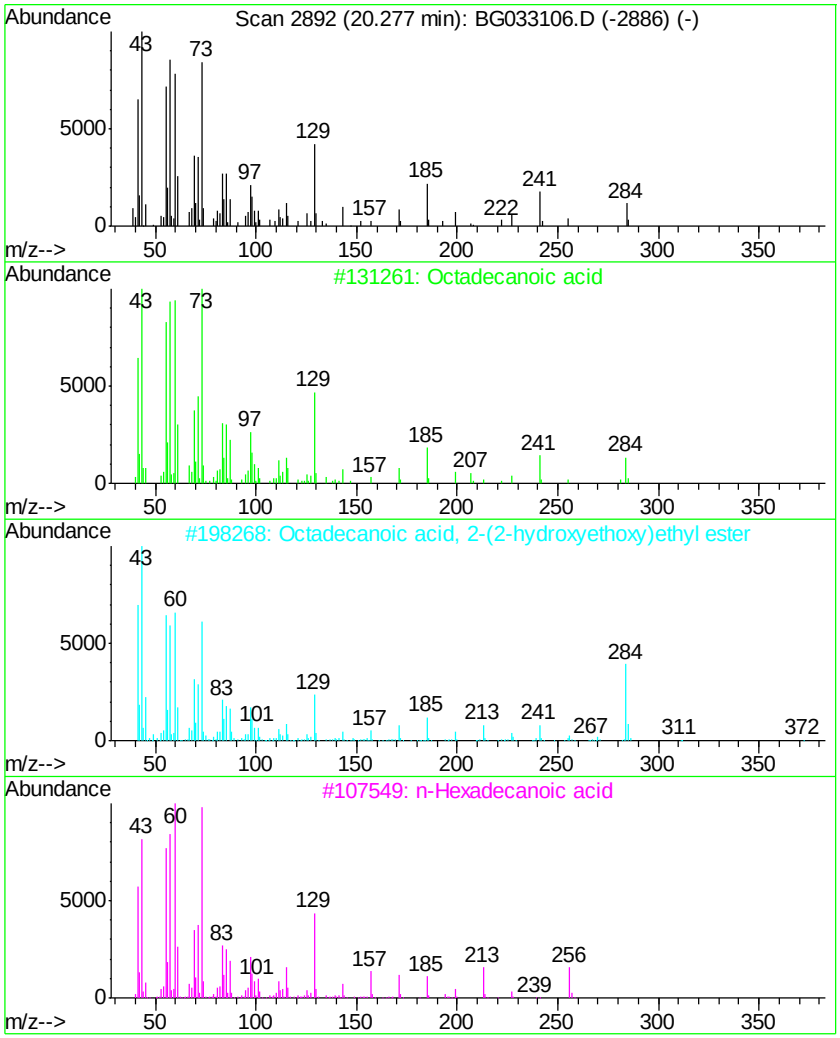
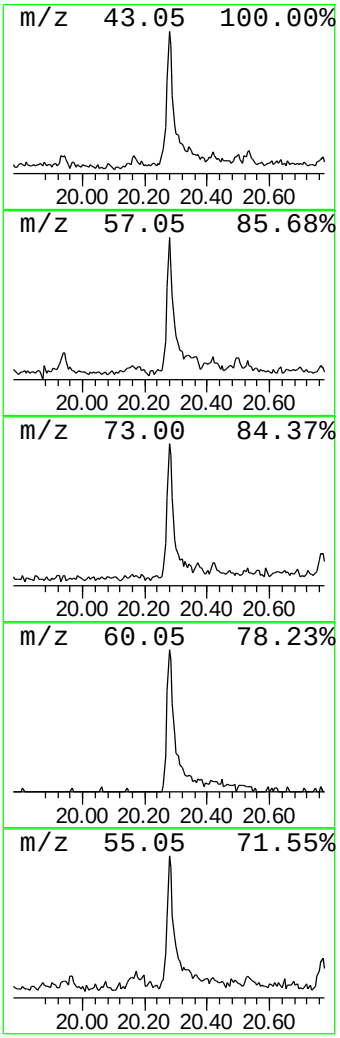
Peak Number 8 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.28	3.97 ng	131572	Phenanthrene-d10	18.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	78
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64





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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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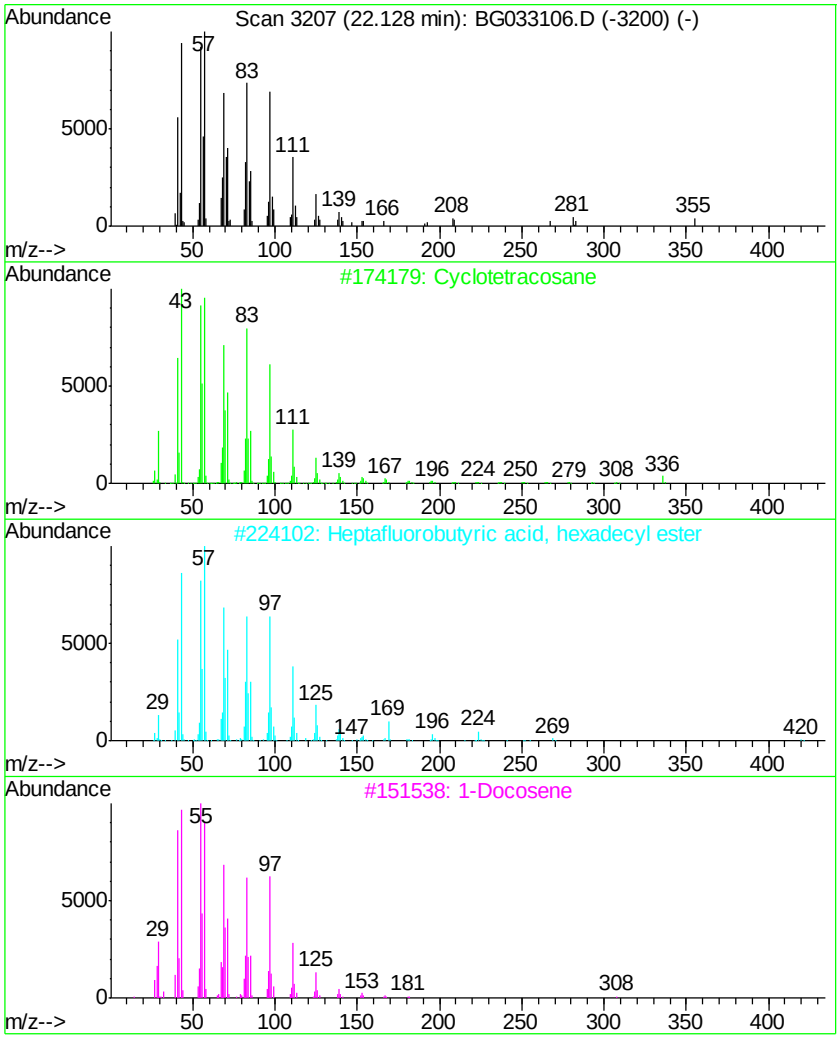
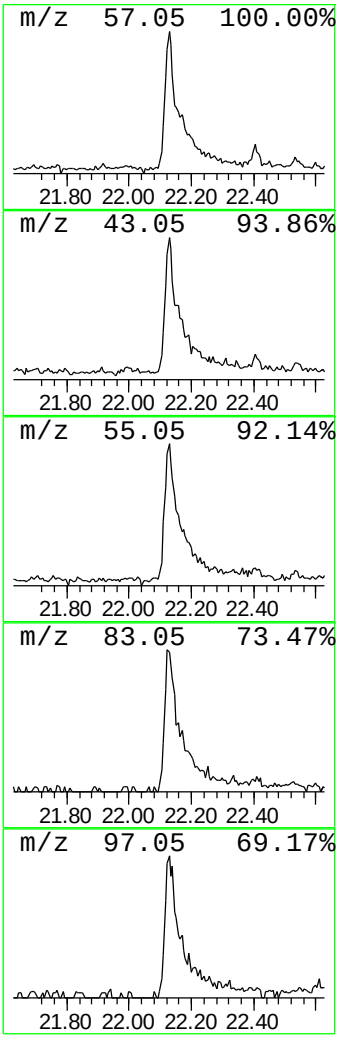
Peak Number 9 Cyclotetracosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.13	6.73 ng	226632	Chrysene-d12	22.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	94
2	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	94
3	1-Docosene	308	C22H44	001599-67-3	93
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93
5	1-Heneicosanol	312	C21H44O	015594-90-8	93





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
2-Pentanone, 4-hy...	5.82	4.2	ng	60234	1	8.91	284448	20.0
unknown8.42	8.42	58.0	ng	824745	1	8.91	284448	20.0
Octane, 2,4,6-tri...	16.29	2.7	ng	76219	3	15.52	555096	20.0
Hexadecane	17.15	2.7	ng	87988	4	18.25	662243	20.0
n-Hexadecanoic acid	19.05	7.9	ng	261231	4	18.25	662243	20.0
Octadecanoic acid	20.28	4.0	ng	131572	4	18.25	662243	20.0
Cyclotetracosane	22.13	6.7	ng	226632	5	22.60	673669	20.0