LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040318\
Data File : BG033547.D
Acq On : 4 Apr 2018 6:21
Operator : SJ/JU
Sample : J2177-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 032818-DBRI-F-U-B

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-BG031918.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	3.484	26	33	43	rBV	141602	293957	7.22%	1.886%
2	3.566	43	47	56	rVB	90870	145801	3.58%	0.935%
3	5.775	414	423	431	rBV2	25504	48721	1.20%	0.313%
4	6.292	506	511	532	rBV	134211	317269	7.80%	2.035%
5	7.978	792	798	811	rBV2	81644	230761	5.67%	1.480%
6	8.378	857	866	880	rBV	323015	712219	17.50%	4.568%
7	8.866	943	949	963	rBV	81134	198744	4.88%	1.275%
8	9.195	996	1005	1020	rBV	505051	1042271	25.61%	6.686%
9	10.064	1144	1153	1174	rBV	418831	981333	24.11%	6.295%
10	11.745	1432	1439	1457	rBV	139481	318517	7.83%	2.043%
11	14.107	1834	1841	1859	rBV	1426597	2510941	61.70%	16.106%
12	14.900	1968	1976	1983	rBV	39074	65782	1.62%	0.422%
13	15.481	2069	2075	2088	rBV2	318132	553479	13.60%	3.550%
14	16.956	2319	2326	2335	rBV	828286	1441576	35.42%	9.247%
15	18.213	2533	2540	2553	rBV2	439823	790051	19.41%	5.068%
16	19.013	2670	2676	2681	rBV3	34800	58340	1.43%	0.374%
17	20.734	2962	2969	2983	rBV	2887058	4069637	100.00%	26.104%
18	22.074	3190	3197	3210	rBV3	55820	141686	3.48%	0.909%
19	22.561	3272	3280	3293	rBV2	431607	884023	21.72%	5.670%
20	26.327	3910	3921	3936	rBV	229774	784776	19.28%	5.034%

Sum of corrected areas: 15589884

LSC Report - Integrated Chromatogram

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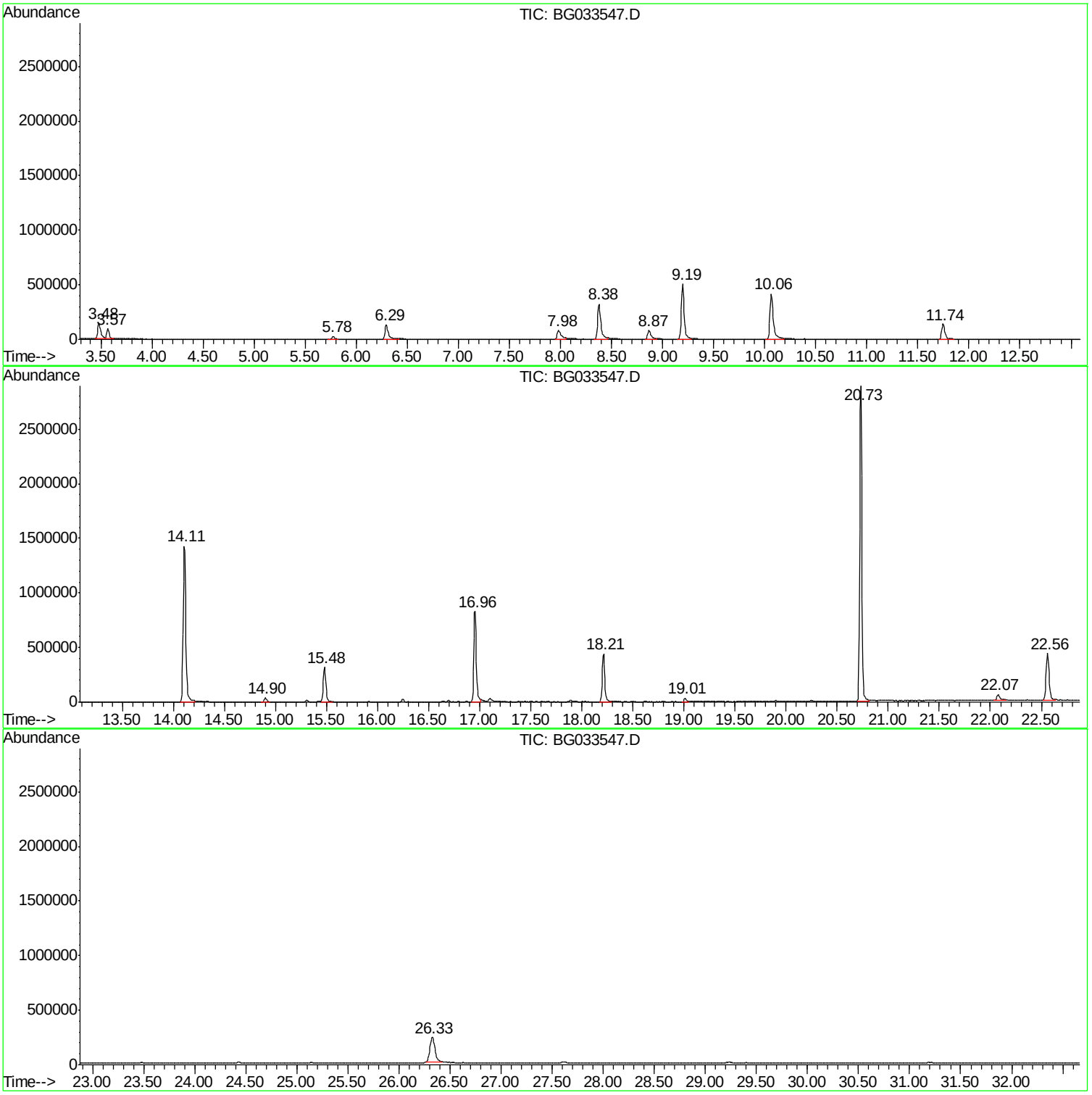
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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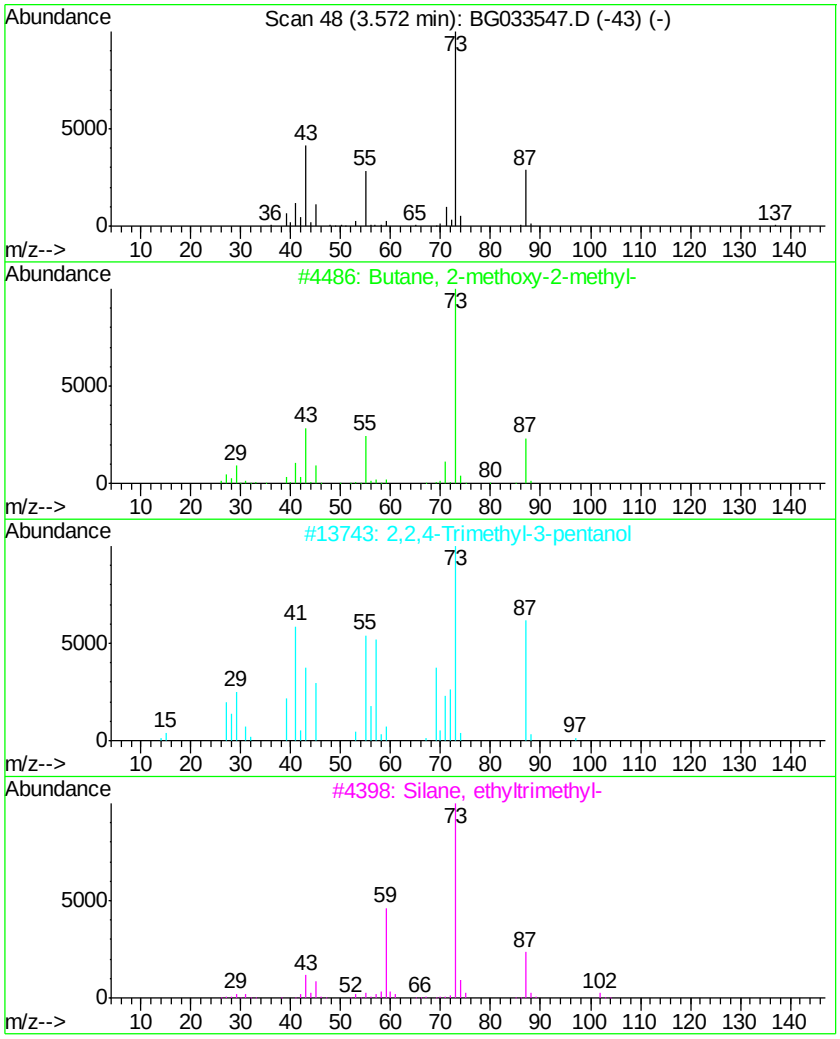
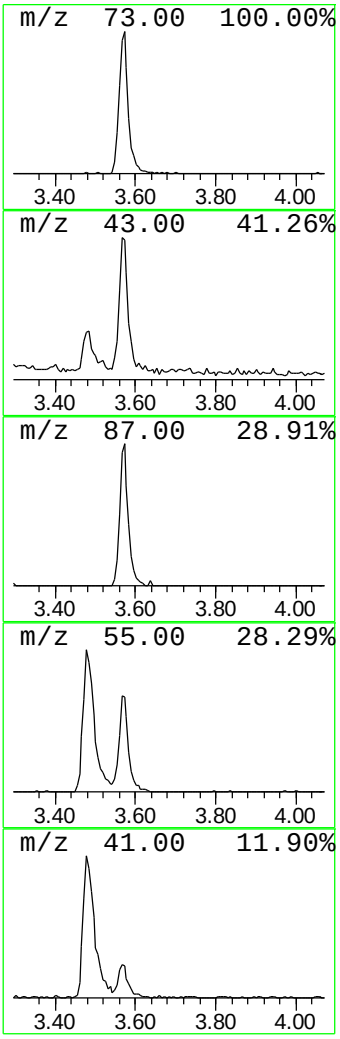
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.57	14.67 ng	145801	1,4-Dichlorobenzene-d4	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	36
4	1-Propene-1-thiol	74	C3H6S	000925-89-3	35
5	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	17





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ClientSampleId : 032818-DBRI-F-U-B

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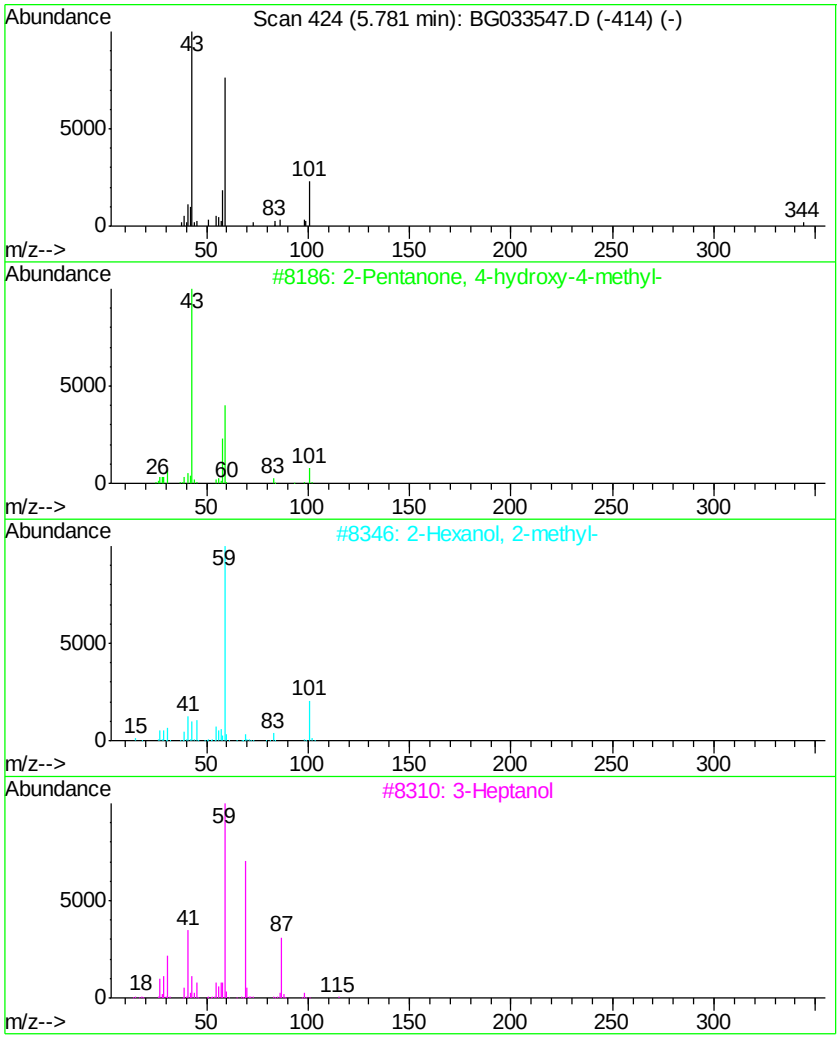
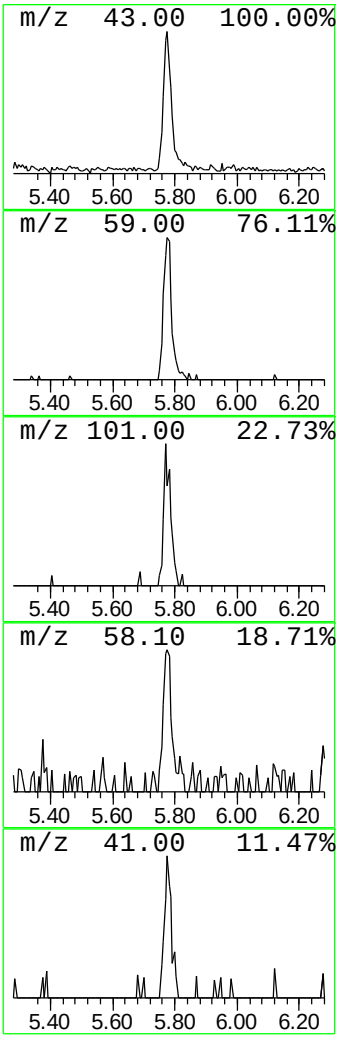
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.78	4.90 ng	48721	1,4-Dichlorobenzene-d4	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	50
3	3-Heptanol	116	C7H16O	000589-82-2	40
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
5	1-Butanol, 3-methoxy-	104	C5H12O2	002517-43-3	25





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Misc :
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Instrument : BNA_G
ClientSampleId : 032818-DBRI-F-U-B

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
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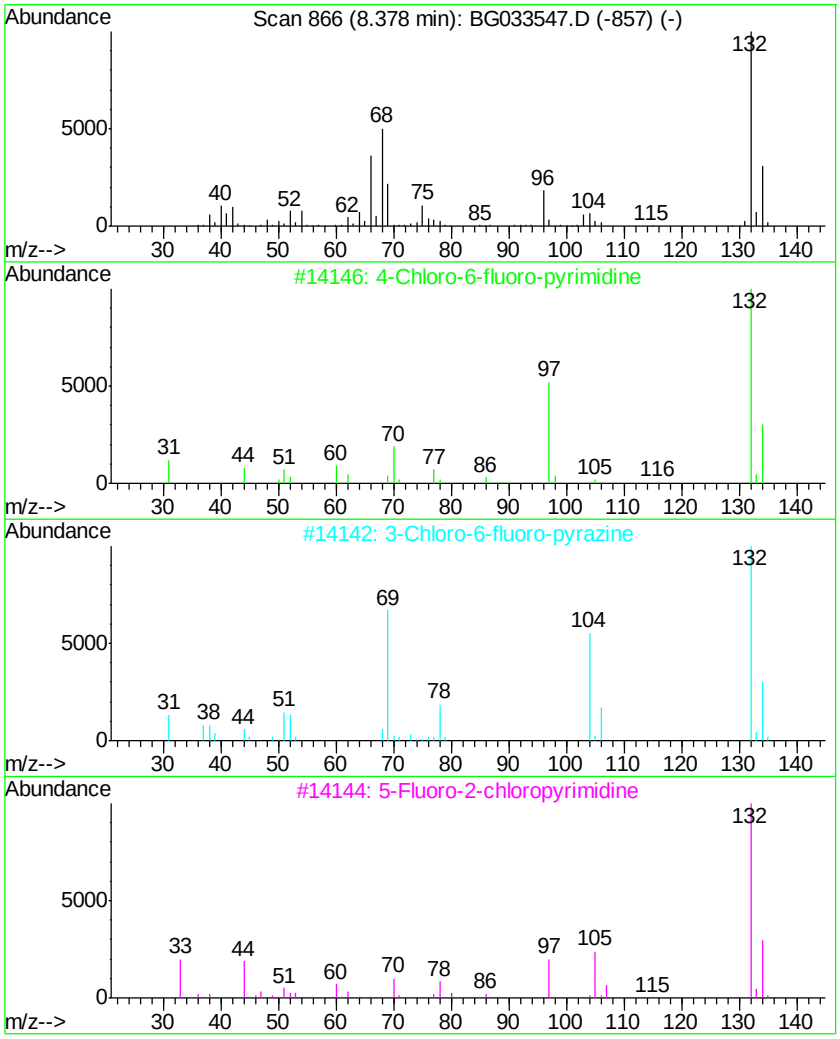
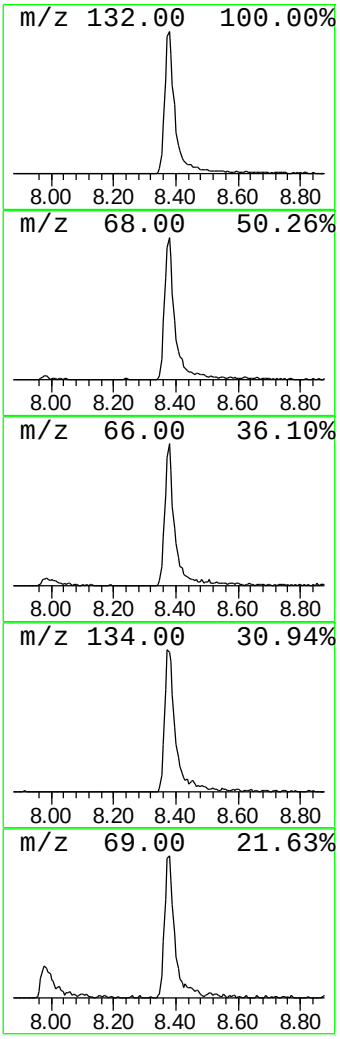
Peak Number 4 unknown8.38 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.38	71.67 ng	712219	1,4-Dichlorobenzene-d4	8.87

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	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10
5	5-Aminoindole	132	C8H8N2	005192-03-0	10





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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
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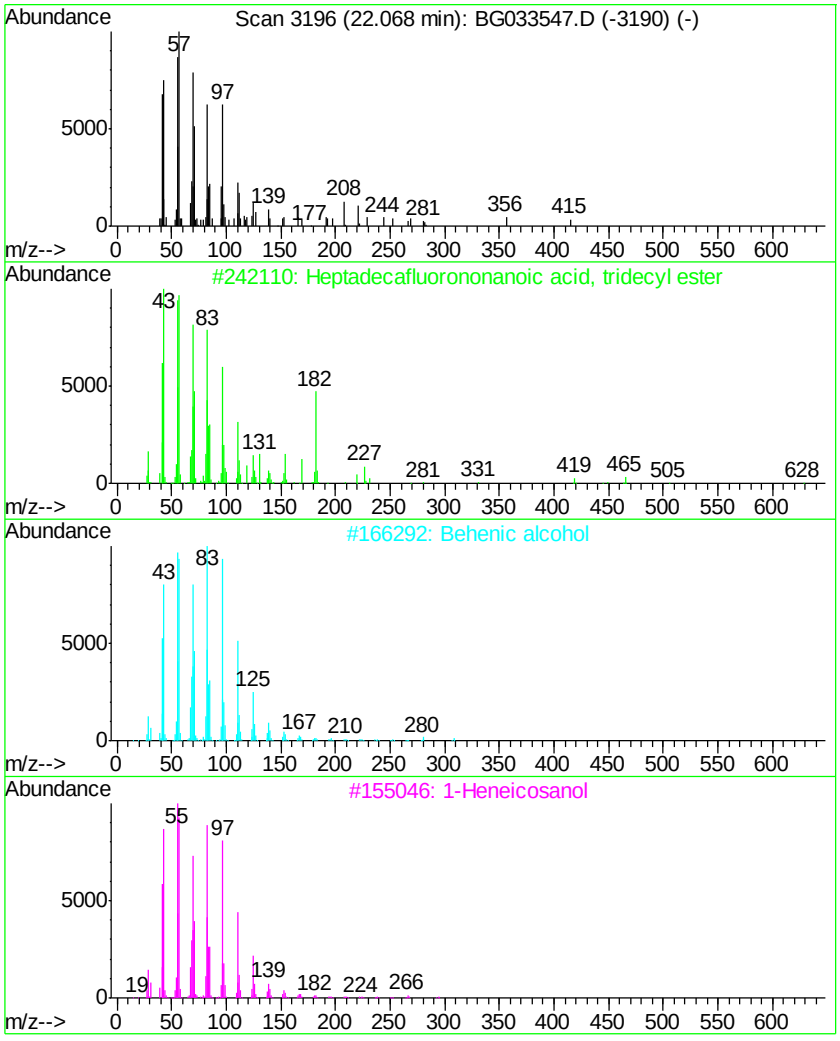
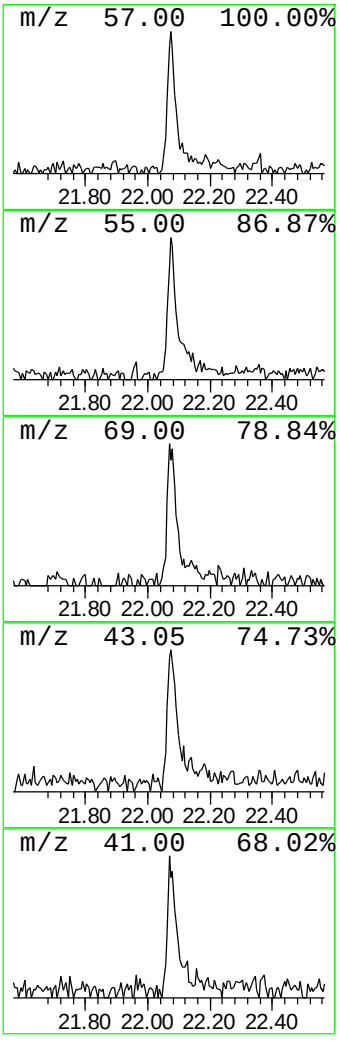
Peak Number 6 Heptadecafluorononanoic aci... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.07	3.21 ng	141686	Chrysene-d12	22.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecafluorononanoic acid, tr...	646	C22H27F17O2	1000356-02-9	93
2	Behenic alcohol	326	C22H46O	000661-19-8	91
3	1-Heneicosanol	312	C21H44O	015594-90-8	91
4	1-Heptacosanol	396	C27H56O	002004-39-9	91
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	91





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_G
ClientSampleId : 032818-DBRI-F-U-B

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.57	14.7	ng	145801	1	8.87	198744	20.0
2-Pentanone, 4-hy...	5.78	4.9	ng	48721	1	8.87	198744	20.0
unknown8.38	8.38	71.7	ng	712219	1	8.87	198744	20.0
Heptadecafluorono...	22.07	3.2	ng	141686	5	22.56	884023	20.0