LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022118\
Data File : BF103135.D
Acq On : 21 Feb 2018 14:44
Operator : SJ/JU
Sample : J1622-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MAD-SUB-TRENCH

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_F\METHODS\8270-BF020318.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	2.169	6	14	24	rVB	1260312	1727628	38.53%	4.589%
2	5.087	505	510	513	rBV	51573	62431	1.39%	0.166%
3	5.122	513	516	528	rVB	104840	158480	3.53%	0.421%
4	5.510	576	582	585	rBV	3917458	4483634	100.00%	11.909%
5	6.516	747	753	756	rBV	3762992	4241621	94.60%	11.266%
6	6.651	771	776	779	rBV	4165065	4322144	96.40%	11.480%
7	6.875	811	814	818	rBV	1136688	1045652	23.32%	2.777%
8	7.034	837	841	845	rBV	3422368	3317785	74.00%	8.812%
9	7.445	906	911	914	rBV	2791485	2866206	63.93%	7.613%
10	8.157	1029	1032	1038	rBV	1397453	1346920	30.04%	3.577%
11	9.233	1211	1215	1225	rBV	4079565	4029514	89.87%	10.702%
12	9.622	1278	1281	1290	rVB	145599	160344	3.58%	0.426%
13	9.833	1313	1317	1321	rBV	73258	57577	1.28%	0.153%
14	9.916	1327	1331	1338	rBV2	1478192	1300204	29.00%	3.453%
15	10.333	1399	1402	1405	rVB	106305	77143	1.72%	0.205%
16	10.710	1461	1466	1480	rBV	2010033	2157978	48.13%	5.732%
17	10.804	1480	1482	1487	rVB	60941	59019	1.32%	0.157%
18	11.404	1580	1584	1593	rBV	1189912	1095638	24.44%	2.910%
19	11.916	1668	1671	1674	rBV	49681	53338	1.19%	0.142%
20	12.992	1849	1854	1857	rBV	2644307	2740849	61.13%	7.280%
21	13.868	2000	2003	2008	rBV	400090	434972	9.70%	1.155%
22	14.051	2030	2034	2043	rVB	1017275	1003352	22.38%	2.665%
23	15.545	2283	2288	2298	rBV	633174	908084	20.25%	2.412%

Sum of corrected areas: 37650513

LSC Report - Integrated Chromatogram

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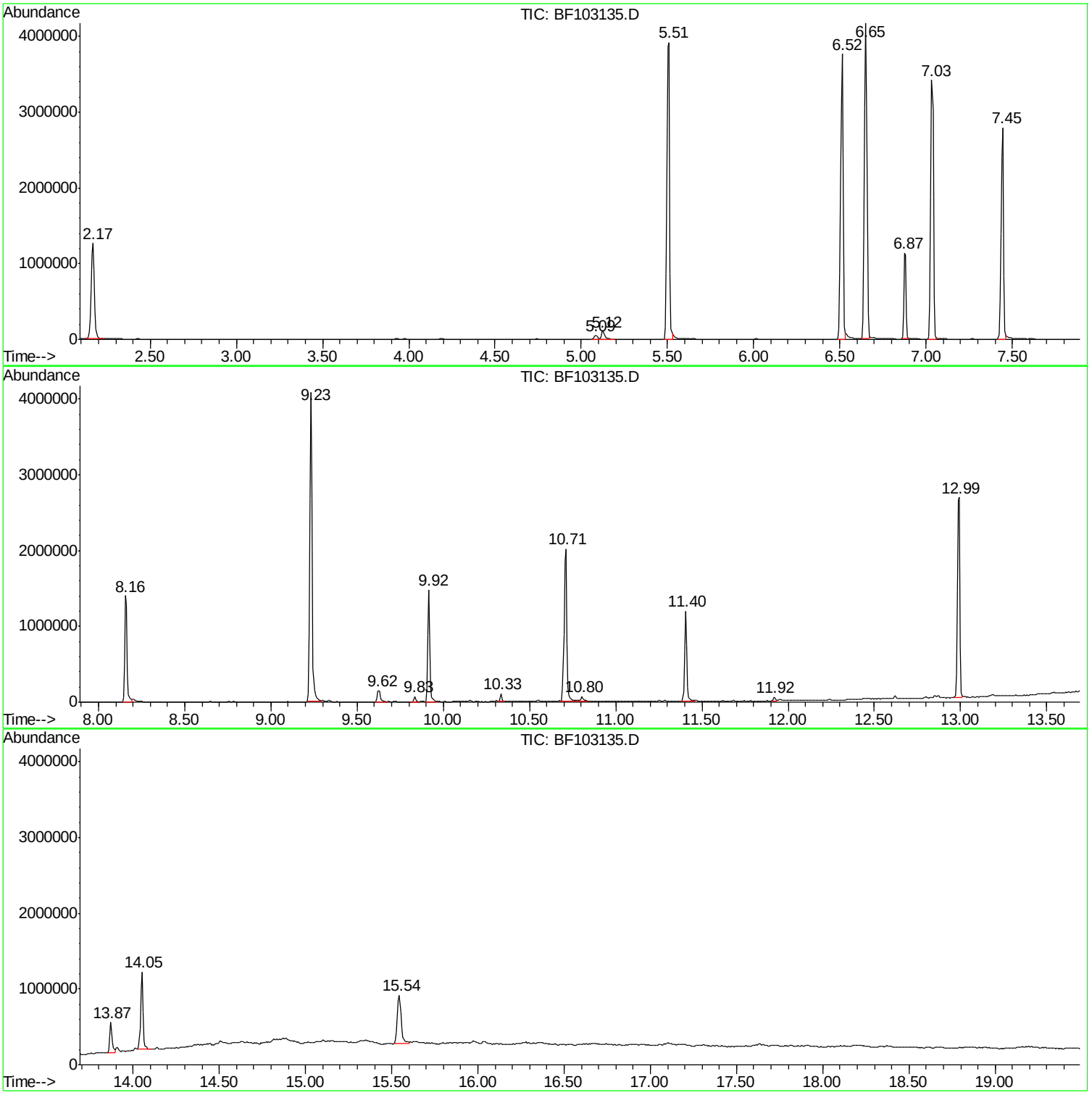
ClientSampleId :
MAD-SUB-TRENCH

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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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TIC Integration Parameters: LSCINT.P

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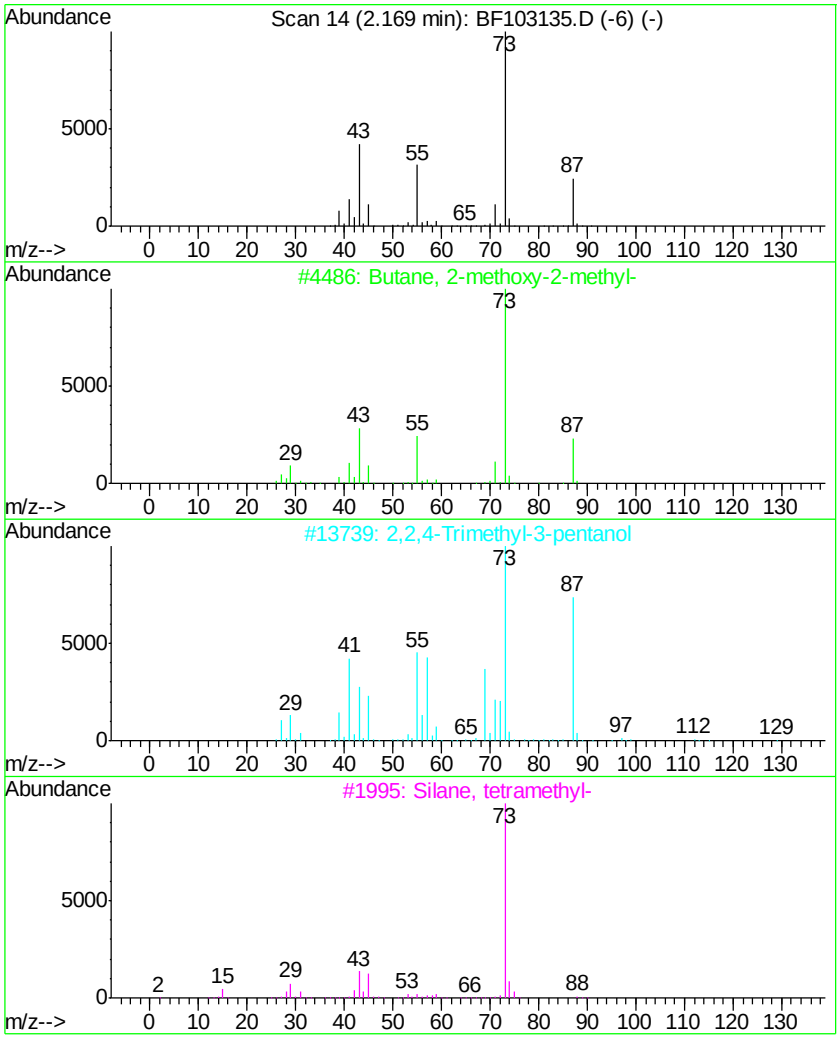
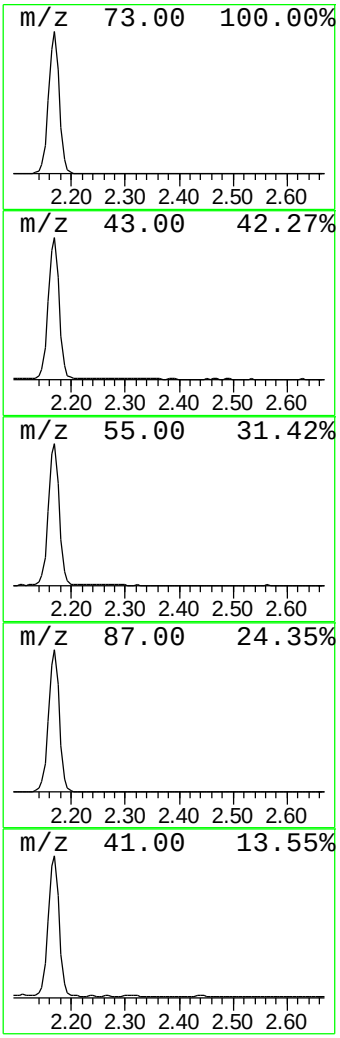
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.17	33.04 ng	1727630	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
4	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23





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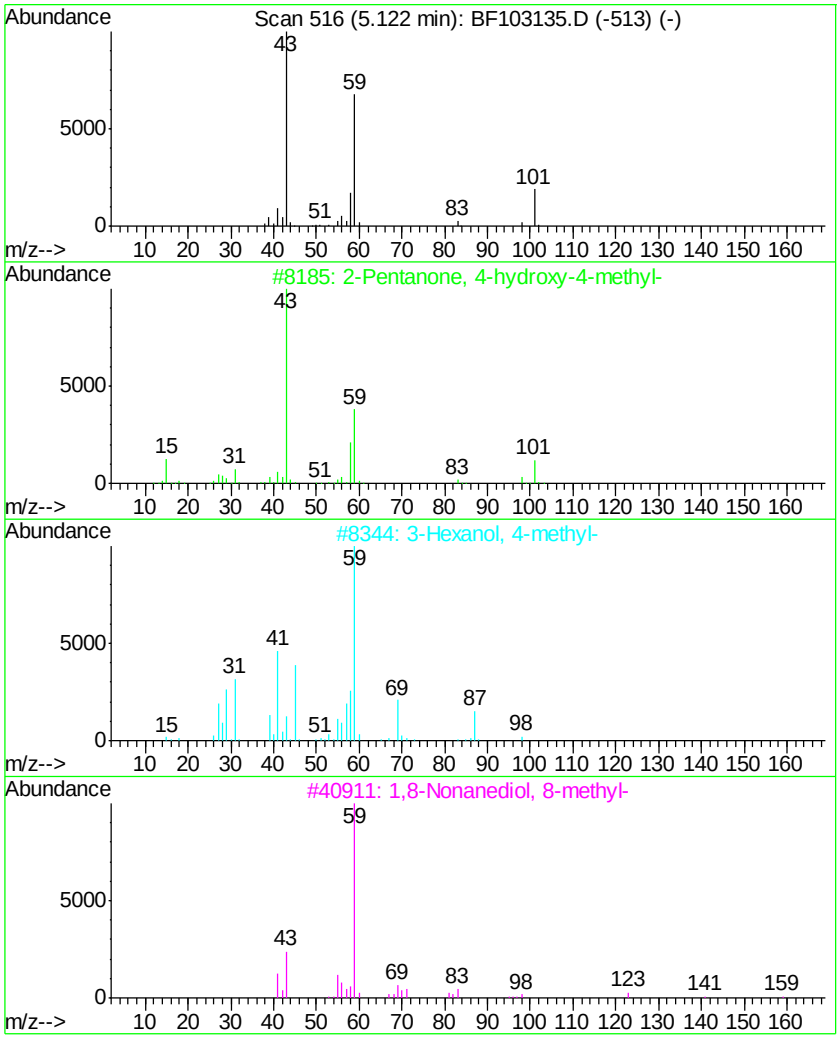
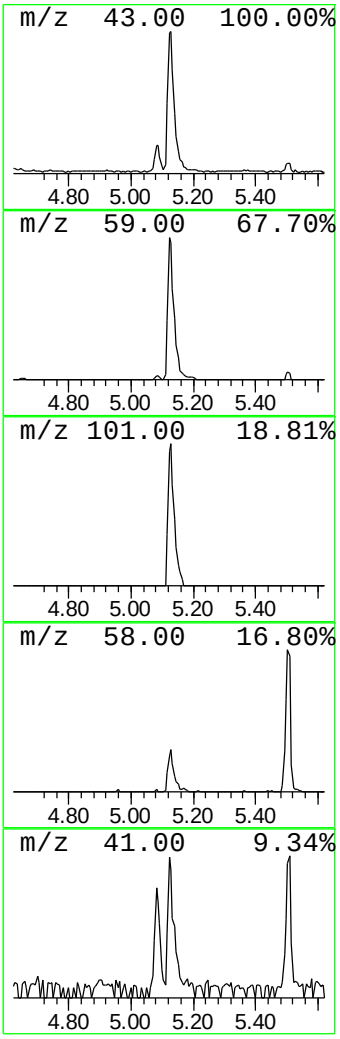
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	3.03 ng	158480	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	28
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





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Sample : J1622-01
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ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MAD-SUB-TRENCH

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
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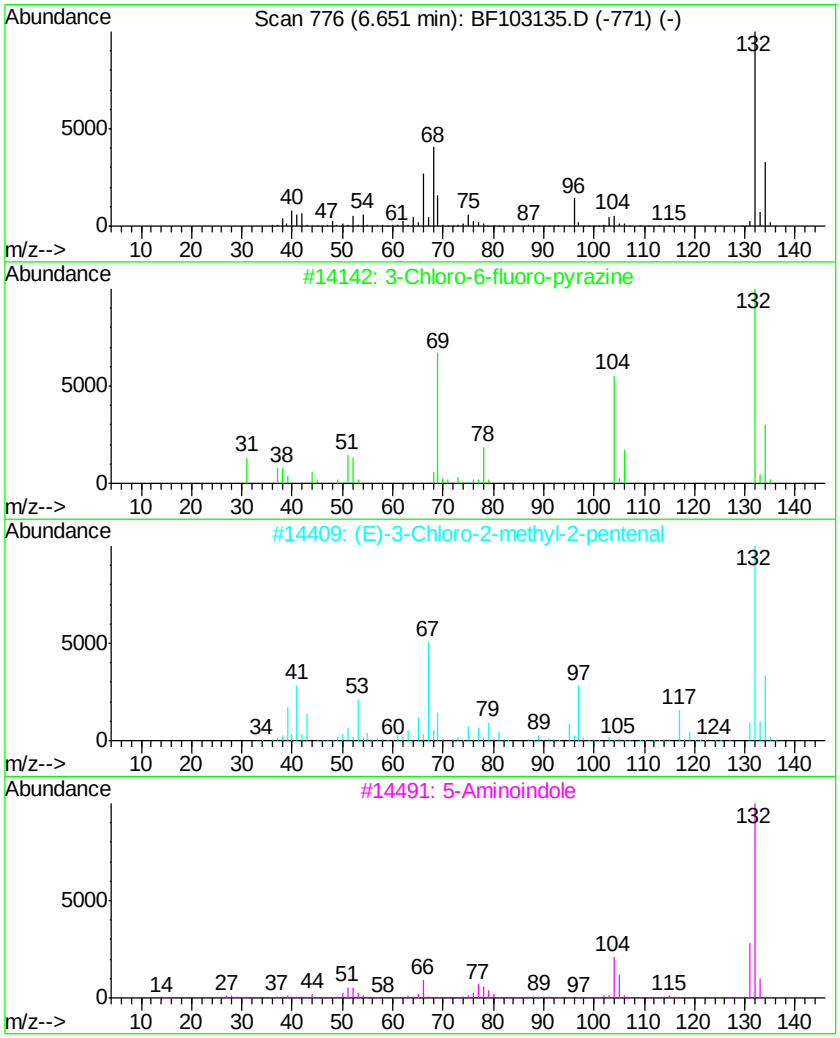
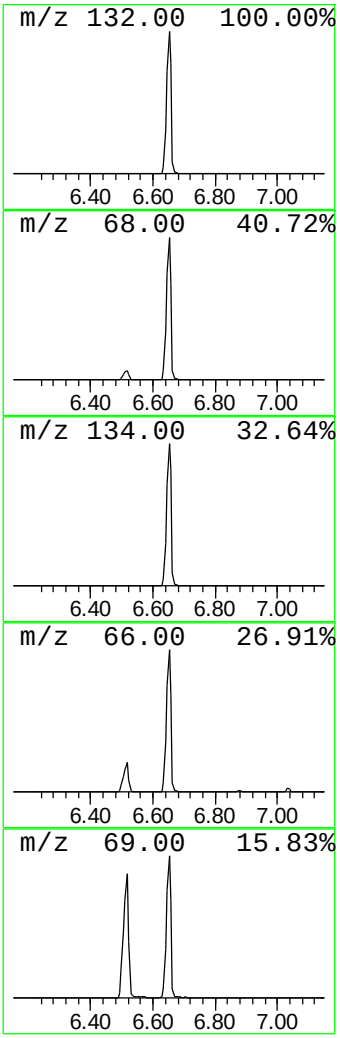
Peak Number 3 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	82.67 ng	4322140	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
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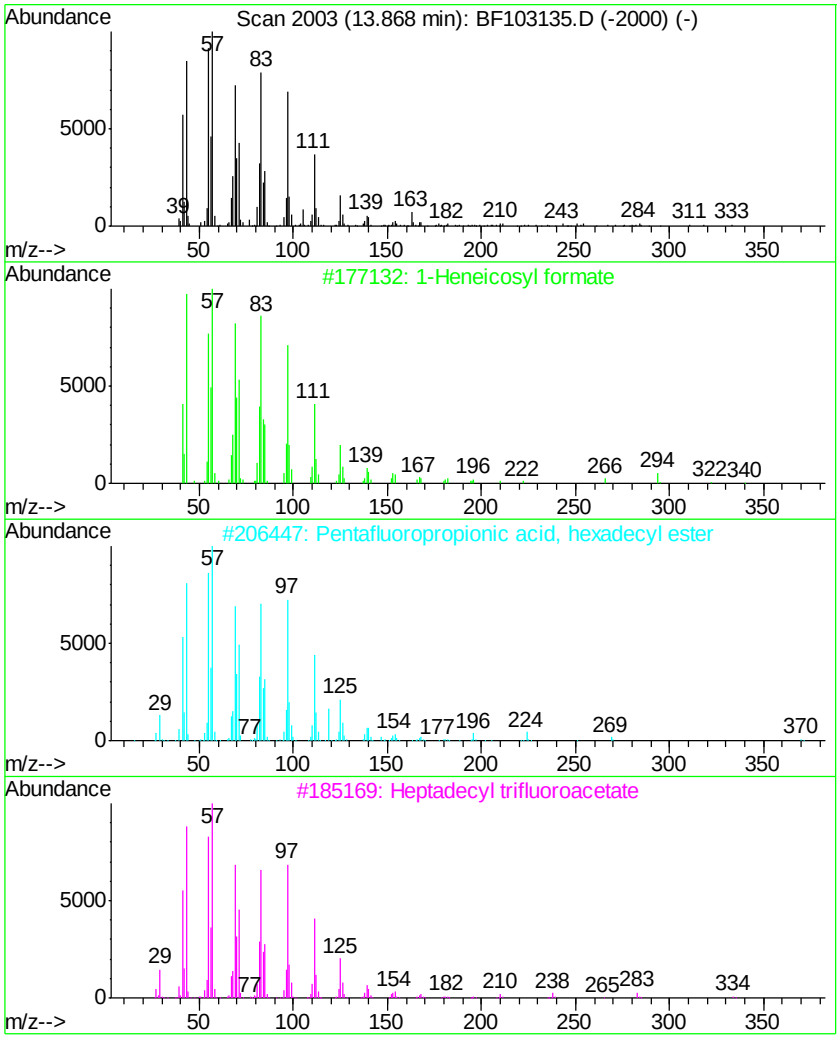
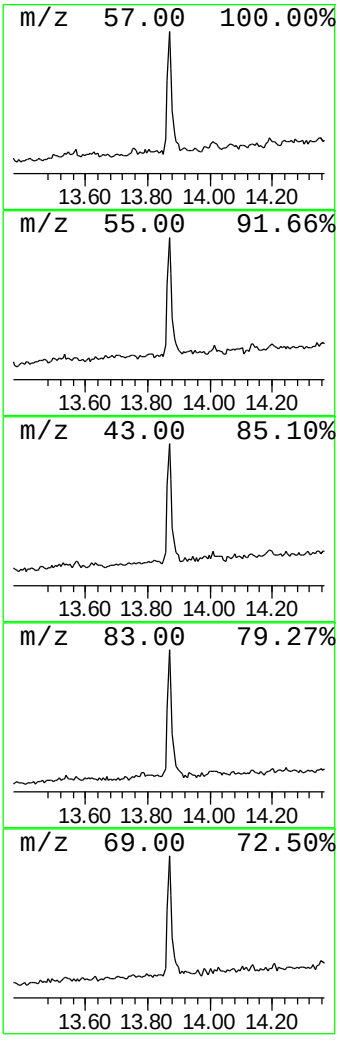
Peak Number 5 1-Heneicosyl formate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	8.67 ng	434972	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
2	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	94
3	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	94
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
5	1-Heneicosanol	312	C21H44O	015594-90-8	94





Tentatively Identified Compound (LSC) summary

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ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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...	2.17	33.0	ng	1727630	1	6.88	1045650	20.0
2-Pentanone, 4-hy...	5.12	3.0	ng	158480	1	6.88	1045650	20.0
unknown6.65	6.65	82.7	ng	4322140	1	6.88	1045650	20.0
1-Heneicosyl formate	13.87	8.7	ng	434972	5	14.05	1003350	20.0