LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF022818\
Data File : BF103317.D
Acq On : 1 Mar 2018 2:04
Operator : SJ/JU
Sample : J1705-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 100MVAR

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-BF022218.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	2.152	6	11	20	rVB	228280	296875	8.71%	1.103%
2	5.110	510	514	533	rVB	98451	138423	4.06%	0.515%
3	5.498	576	580	599	rBV	3005444	3407053	100.00%	12.664%
4	6.510	747	752	771	rBV	3102681	3353339	98.42%	12.464%
5	6.645	771	775	779	rBV	3325087	3177436	93.26%	11.810%
6	6.875	810	814	821	rBV	1056378	907942	26.65%	3.375%
7	7.028	836	840	844	rBV	2502750	2428650	71.28%	9.027%
8	7.439	905	910	925	rBV	2204646	2149017	63.08%	7.988%
9	8.157	1028	1032	1049	rBV	1213830	1154301	33.88%	4.290%
10	9.227	1210	1214	1224	rBV	2744438	2772558	81.38%	10.305%
11	9.298	1224	1226	1230	rVB	56147	52442	1.54%	0.195%
12	9.622	1276	1281	1289	rBV	192591	227413	6.67%	0.845%
13	9.827	1313	1316	1321	rBV	119733	114227	3.35%	0.425%
14	9.916	1327	1331	1339	rBV	1036873	986230	28.95%	3.666%
15	10.327	1398	1401	1404	rVB	136582	107217	3.15%	0.399%
16	10.551	1434	1439	1441	rBV	35446	40104	1.18%	0.149%
17	10.710	1462	1466	1474	rBV	1198435	1309455	38.43%	4.867%
18	10.804	1479	1482	1492	rVB	84541	101670	2.98%	0.378%
19	11.404	1581	1584	1588	rBV	757189	773506	22.70%	2.875%
20	12.621	1788	1791	1796	rBV	119860	119014	3.49%	0.442%
21	12.857	1826	1831	1838	rVB	108974	127018	3.73%	0.472%
22	12.992	1850	1854	1857	rBV	1740588	1744434	51.20%	6.484%
23	13.874	2000	2004	2008	rBV2	95818	126053	3.70%	0.469%
24	14.057	2031	2035	2038	rBV	725318	743437	21.82%	2.763%
25	15.557	2284	2290	2299	rVB	355761	545948	16.02%	2.029%

Sum of corrected areas: 26903762

LSC Report - Integrated Chromatogram

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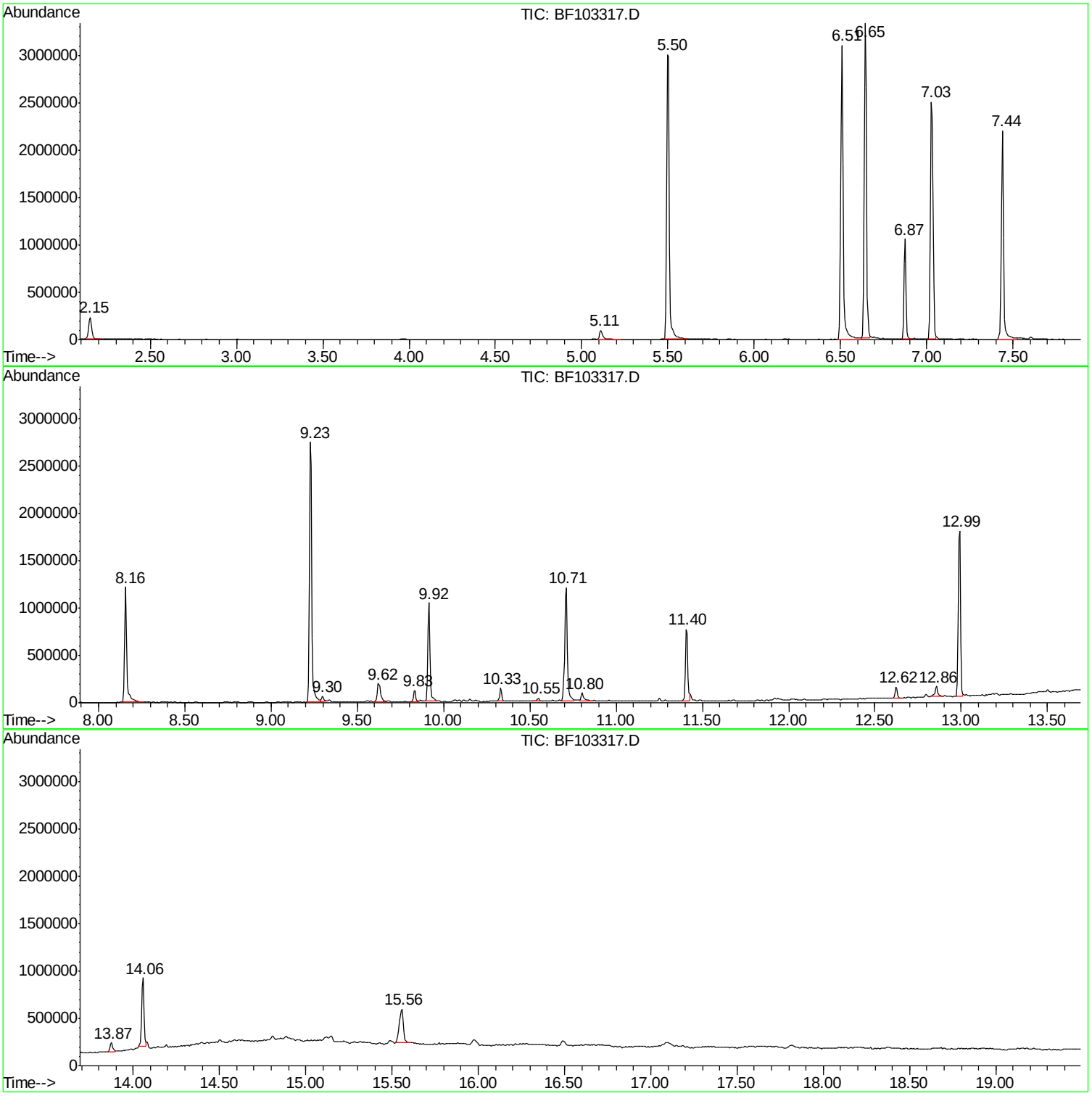
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
100MVAR

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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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Data File : BF103317.D
Acq On : 1 Mar 2018 2:04
Operator : SJ/JU
Sample : J1705-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 100MVAR

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

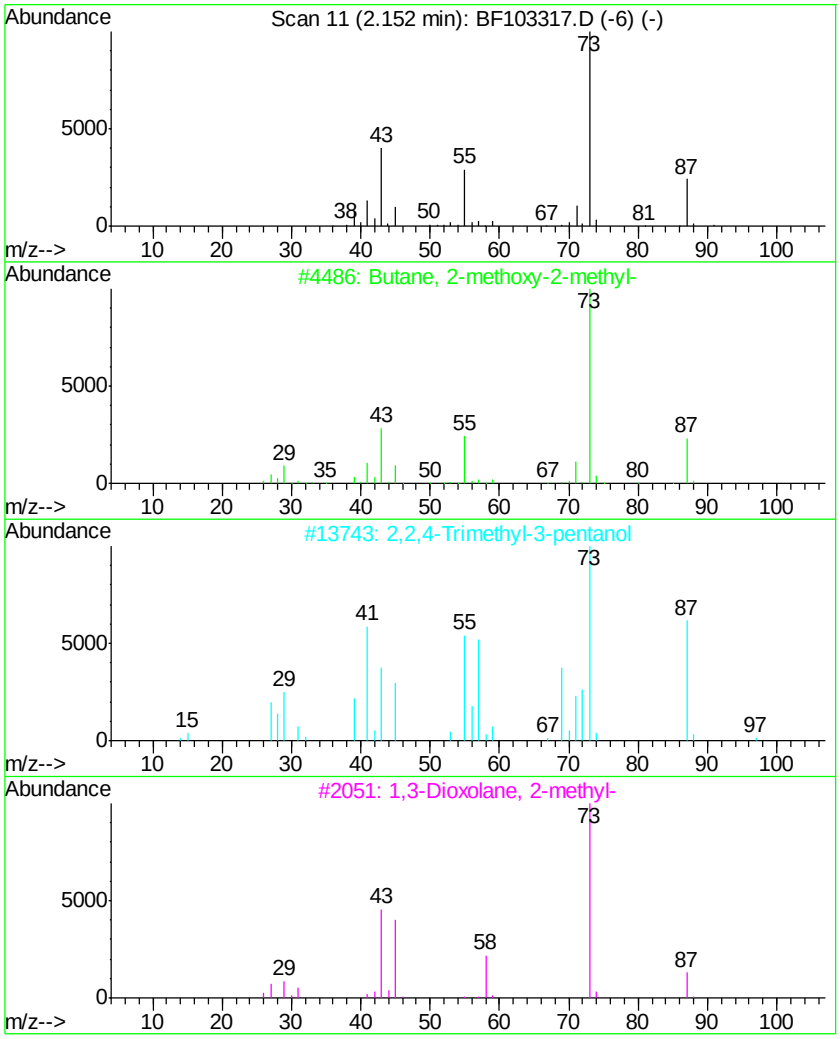
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

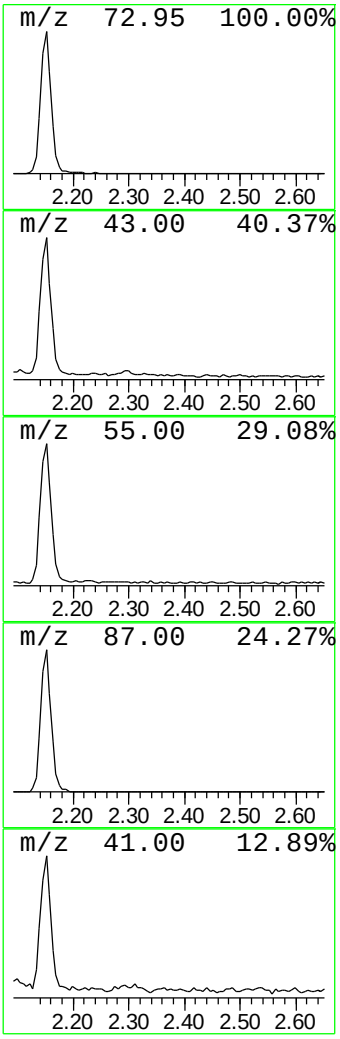
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	6.54 ng	296875	1,4-Dichlorobenzene-d4	6.87

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	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
4	Boronic acid, ethyl-, dimethyl e...	102	C4H11BO2	007318-82-3	17
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12





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Acq On : 1 Mar 2018 2:04
Operator : SJ/JU
Sample : J1705-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 100MVAR

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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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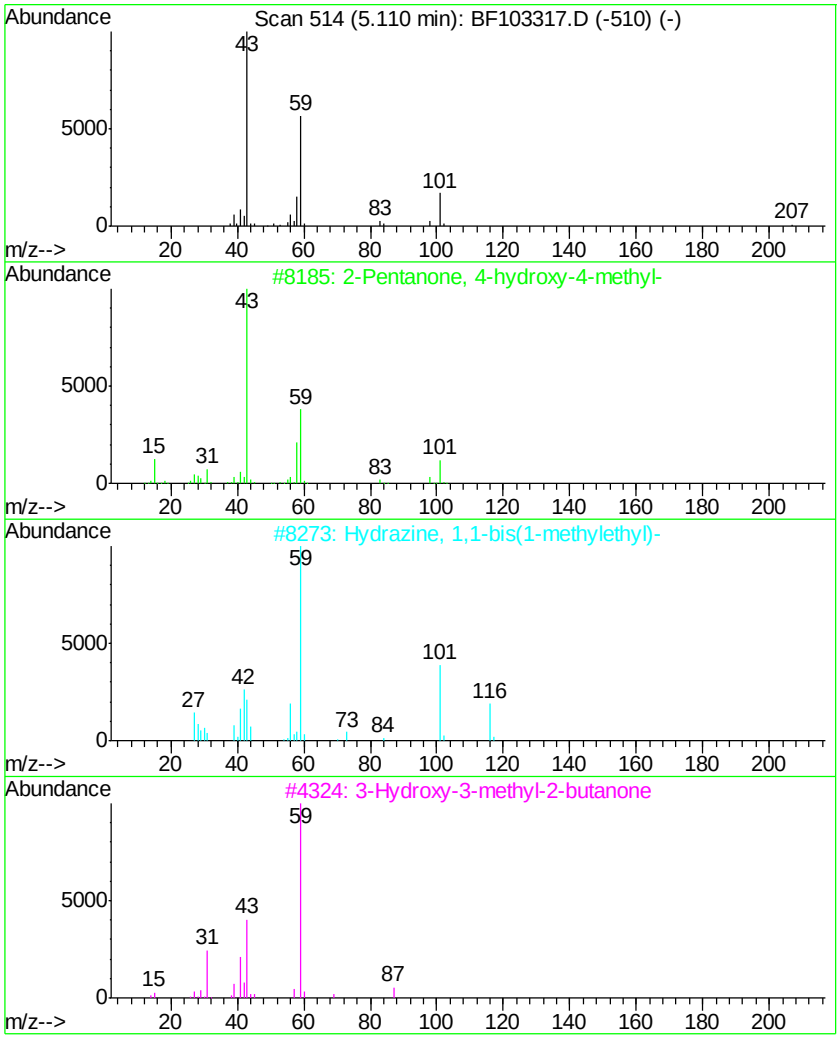
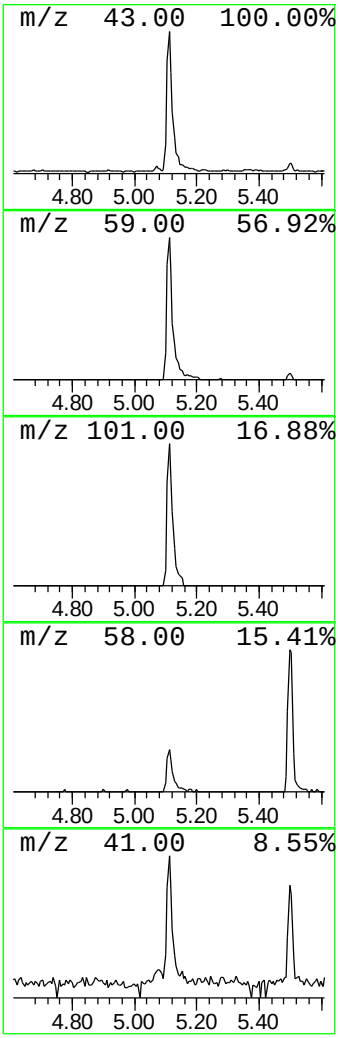
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.11	3.05 ng	138423	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	25
3	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	23
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





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Operator : SJ/JU
Sample : J1705-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 100MVAR

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
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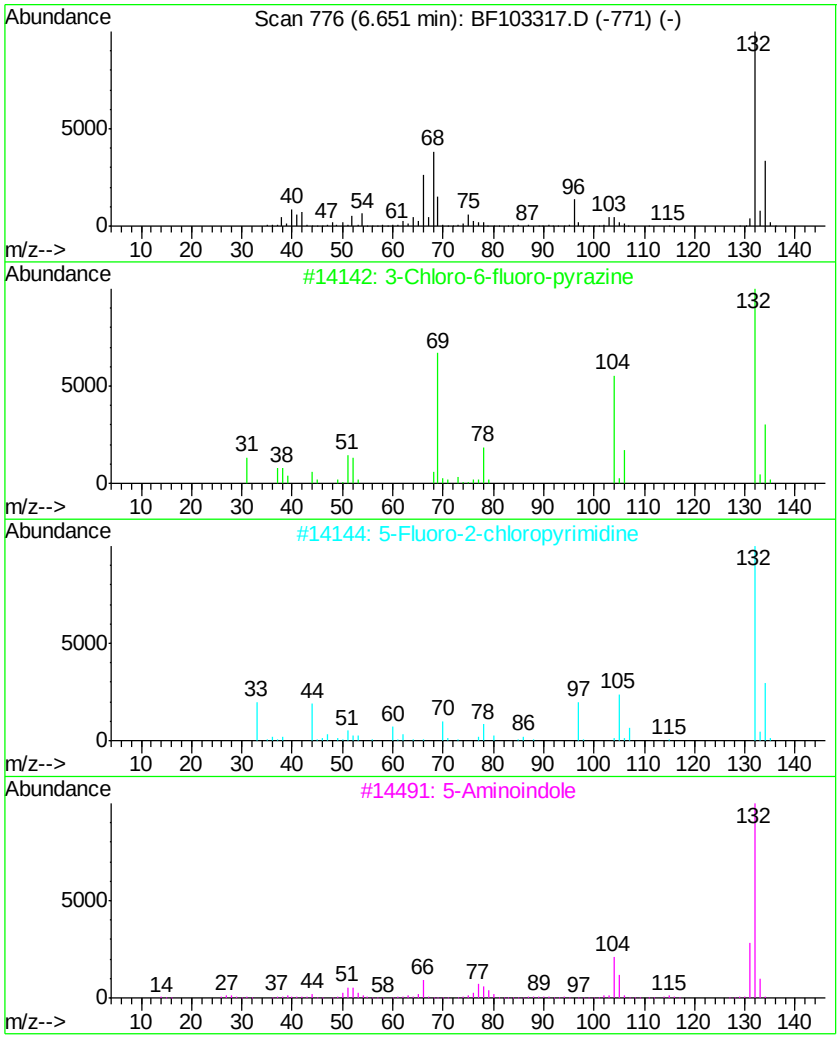
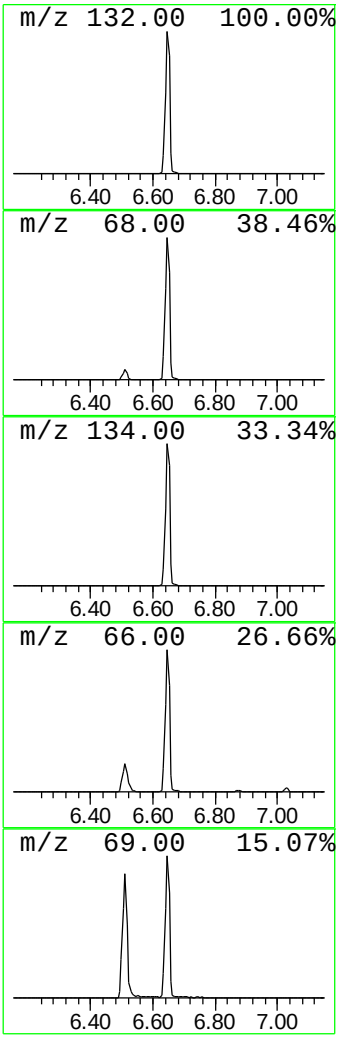
Peak Number 3 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	69.99 ng	3177440	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





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Instrument : BNA_F
ClientSampleId : 100MVAR

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
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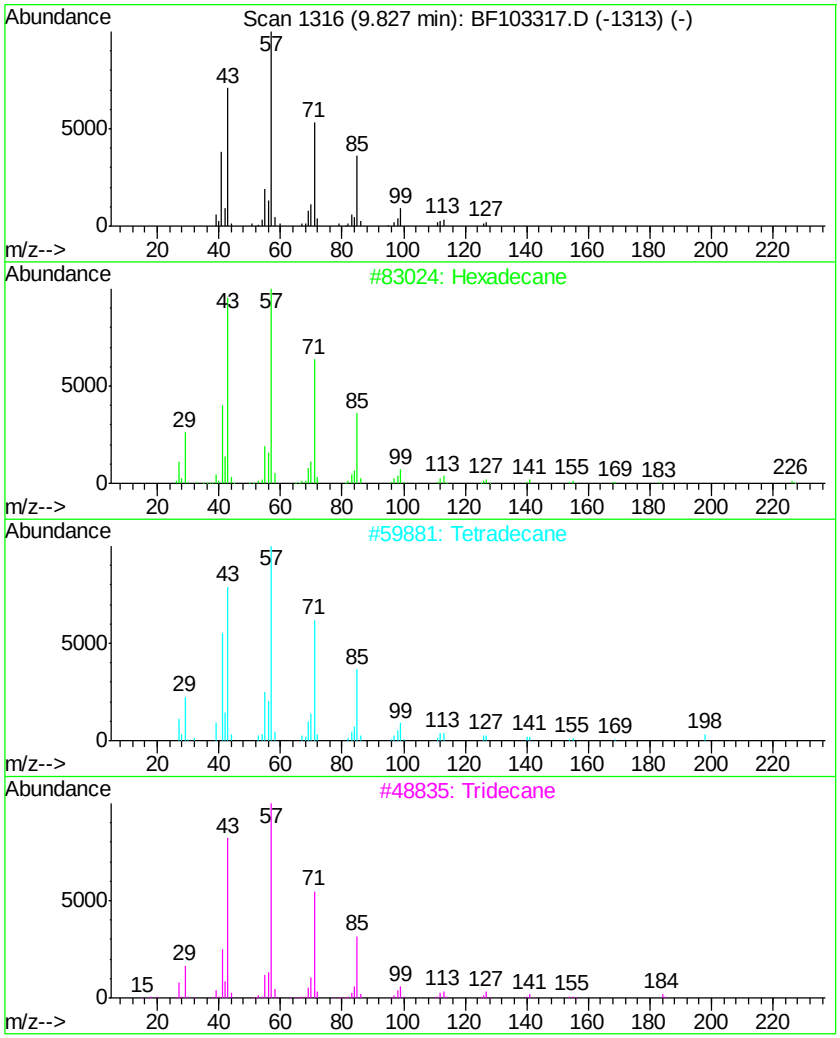
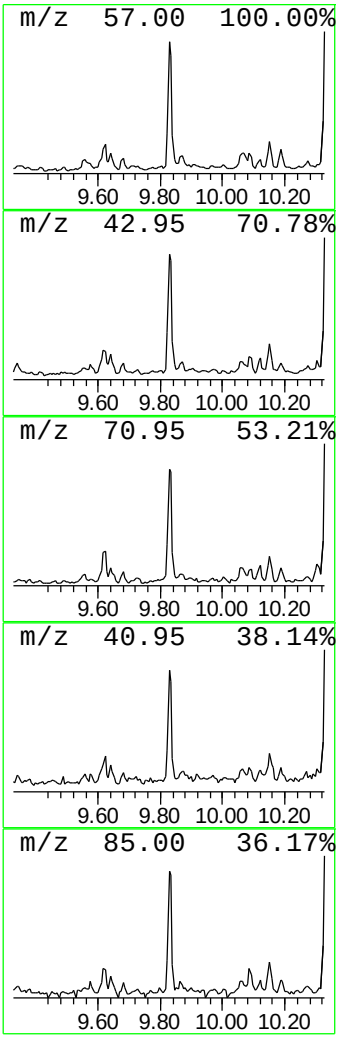
Peak Number 5 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.83	2.32 ng	114227	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Tetradecane	198	C14H30	000629-59-4	86
3	Tridecane	184	C13H28	000629-50-5	72
4	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	59
5	Heptadecane	240	C17H36	000629-78-7	53





Library Search Compound Report

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Misc :
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Instrument : BNA_F
ClientSampleId : 100MVAR

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
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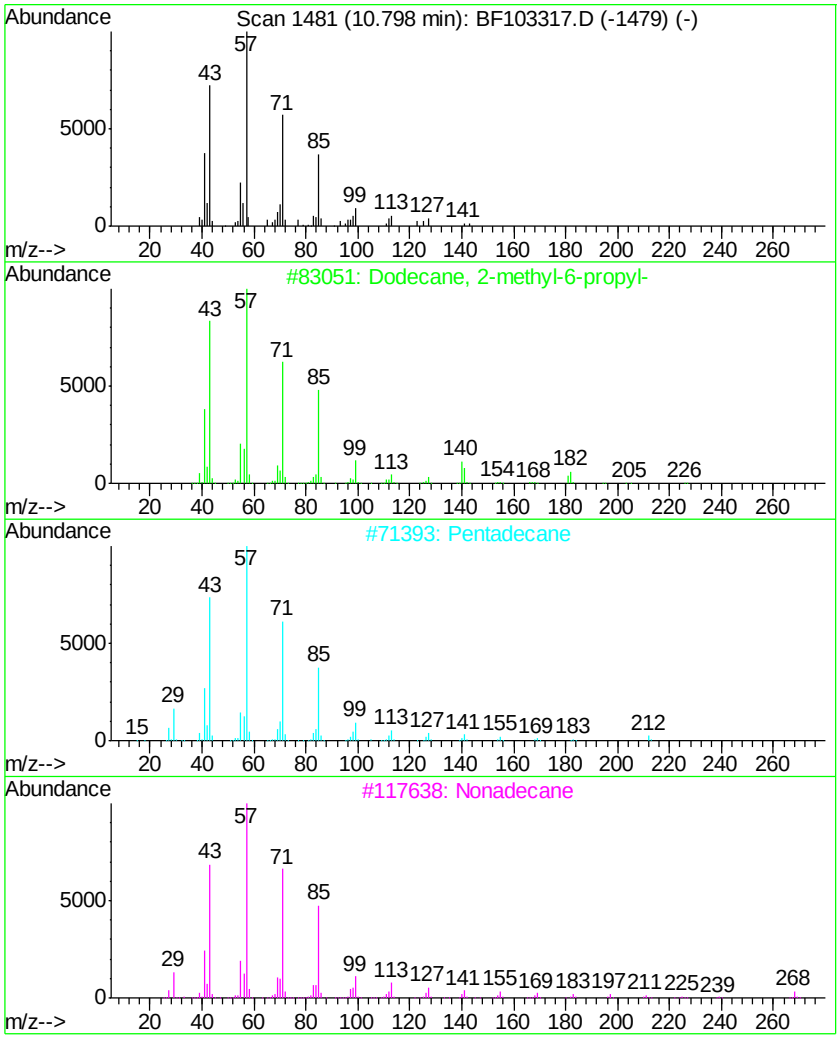
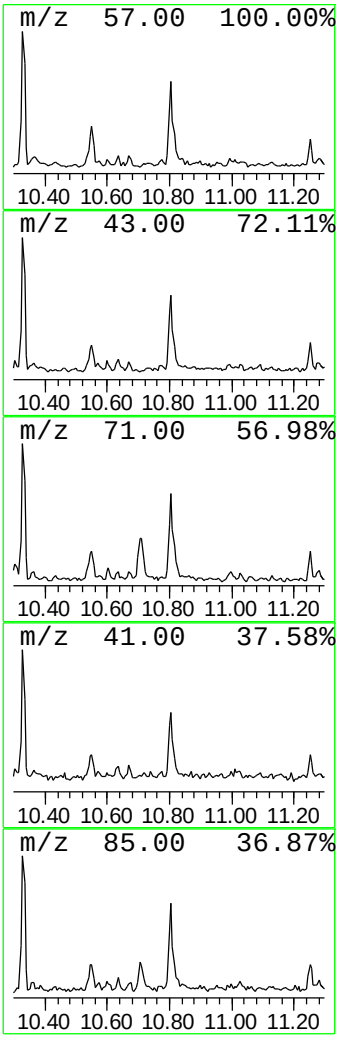
Peak Number 7 Dodecane, 2-methyl-6-propyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	2.63 ng	101670	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
2	Pentadecane	212	C15H32	000629-62-9	86
3	Nonadecane	268	C19H40	000629-92-5	86
4	Heneicosane	296	C21H44	000629-94-7	86
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86





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Misc :
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Instrument : BNA_F
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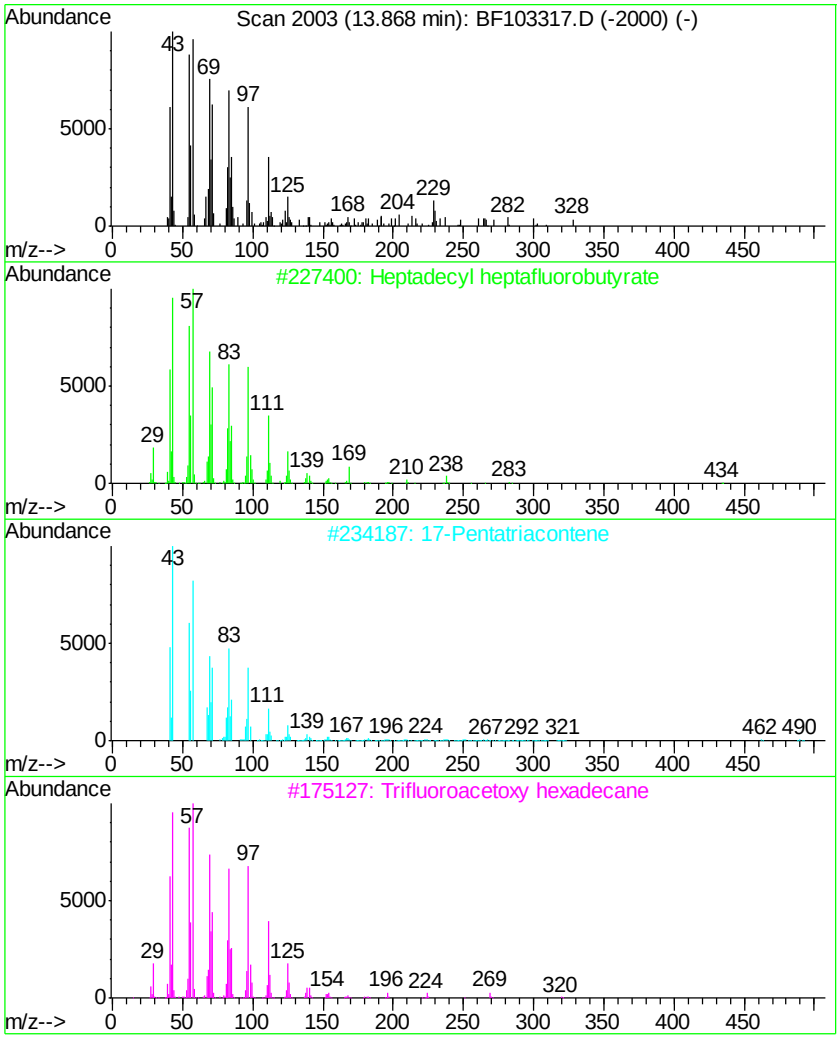
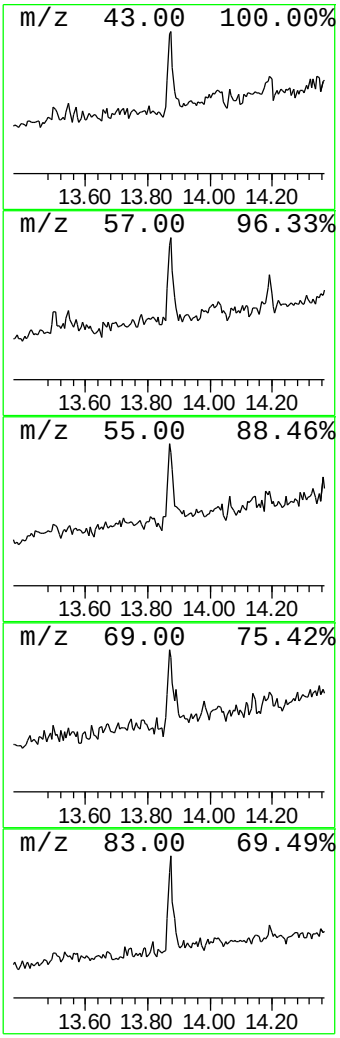
Peak Number 8 Heptadecyl heptafluorobutyrate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	3.39 ng	126053	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
2	17-Pentatriacontene	491	C35H70	006971-40-0	74
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	70
4	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	68
5	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	68





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
Butane, 2-methoxy...	2.15	6.5	ng	296875	1	6.87	907942	20.0
2-Pentanone, 4-hy...	5.11	3.0	ng	138423	1	6.87	907942	20.0
unknown6.65	6.65	70.0	ng	3177440	1	6.87	907942	20.0
Hexadecane	9.83	2.3	ng	114227	3	9.92	986230	20.0
Dodecane, 2-methy...	10.80	2.6	ng	101670	4	11.40	773506	20.0
Heptadecyl heptaf...	13.87	3.4	ng	126053	5	14.06	743437	20.0