LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020718\
Data File : BF102834.D
Acq On : 8 Feb 2018 00:23
Operator : SJ/JU
Sample : J1473-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B2

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	2.175	9	15	24	rVB	430993	565195	11.79%	1.437%
2	3.481	229	237	257	rBV	467105	1399159	29.20%	3.558%
3	5.122	513	516	526	rVB	123919	164918	3.44%	0.419%
4	5.510	576	582	585	rBV	4319186	4791868	100.00%	12.186%
5	6.516	747	753	769	rBV	4246727	4682656	97.72%	11.908%
6	6.657	772	777	780	rBV	4701289	4555901	95.08%	11.586%
7	6.886	812	816	819	rBV	1330843	1160636	24.22%	2.952%
8	7.039	838	842	846	rBV	3473688	3351429	69.94%	8.523%
9	7.445	906	911	914	rBV	2773830	2927274	61.09%	7.444%
10	8.169	1030	1034	1037	rBV	1642606	1458958	30.45%	3.710%
11	9.239	1212	1216	1220	rBV	3980230	3919687	81.80%	9.968%
12	9.316	1226	1229	1231	rVB	76901	55204	1.15%	0.140%
13	9.633	1278	1283	1286	rBV	203490	198303	4.14%	0.504%
14	9.845	1312	1319	1322	rBV	179791	148231	3.09%	0.377%
15	9.922	1328	1332	1341	rBV	1560759	1367695	28.54%	3.478%
16	10.345	1401	1404	1407	rVB	181624	141661	2.96%	0.360%
17	10.569	1436	1442	1444	rBV	42320	57959	1.21%	0.147%
18	10.710	1462	1466	1478	rVV	2148824	2085422	43.52%	5.303%
19	10.816	1481	1484	1494	rVB	130669	152886	3.19%	0.389%
20	11.410	1581	1585	1594	rBV	1336793	1143516	23.86%	2.908%
21	11.927	1669	1673	1683	rBV2	102204	130389	2.72%	0.332%
22	12.851	1825	1830	1834	rBV	49462	58671	1.22%	0.149%
23	12.998	1850	1855	1858	rBV	2698819	2755554	57.50%	7.007%
24	13.880	2001	2005	2012	rBV	161290	211408	4.41%	0.538%
25	14.051	2030	2034	2044	rVB	1110081	1043456	21.78%	2.654%
26	15.533	2281	2286	2295	rBV	560512	794974	16.59%	2.022%

Sum of corrected areas: 39323010

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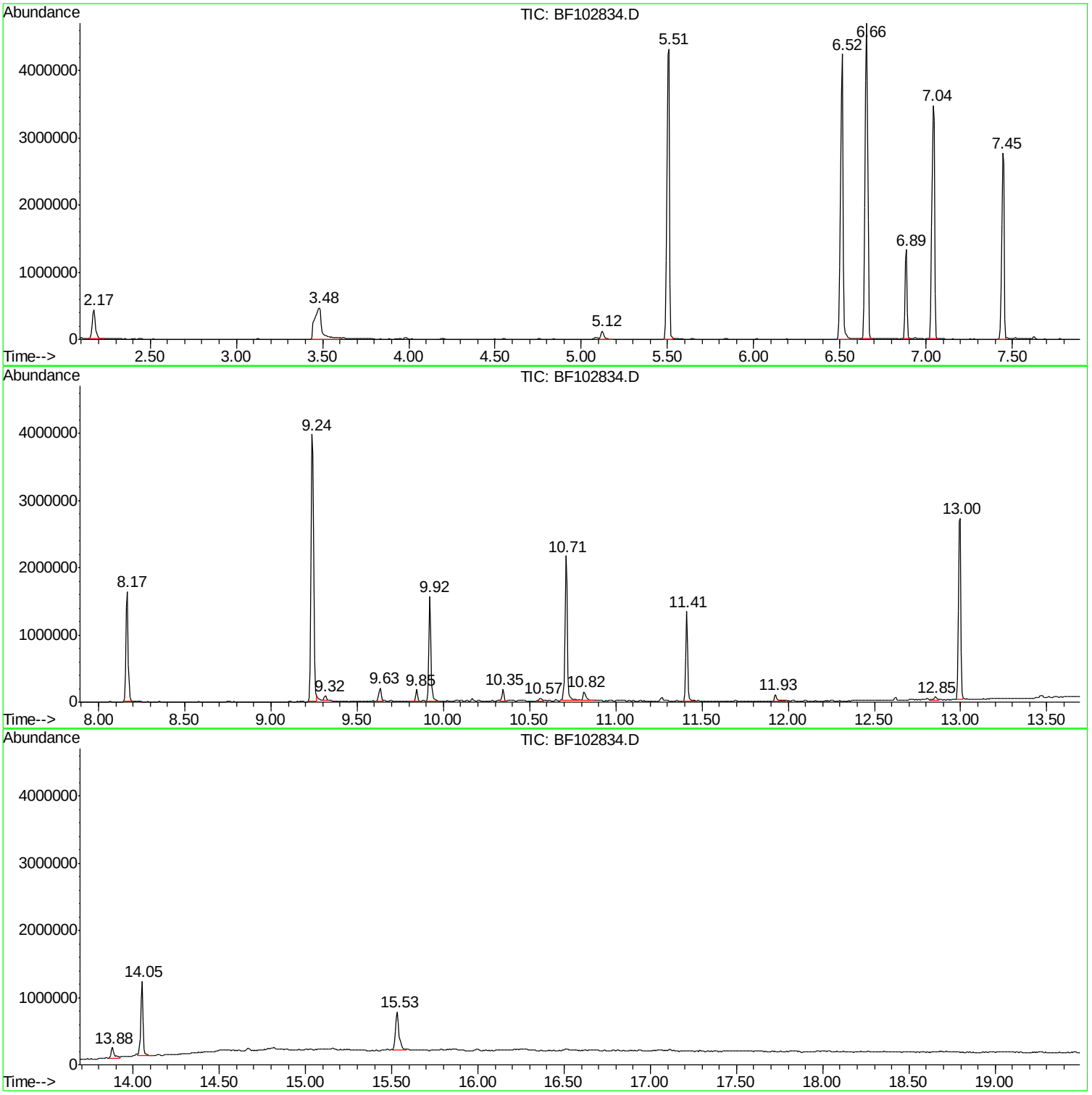
ClientSampleId : B2

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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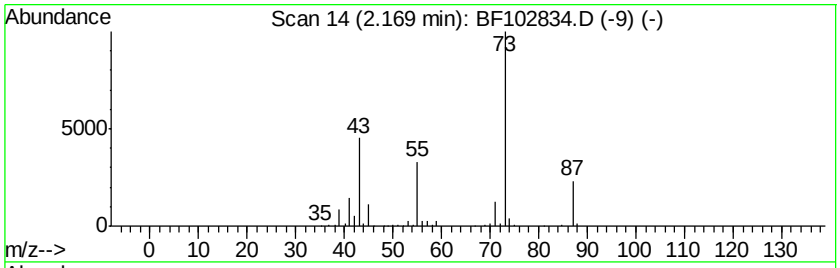
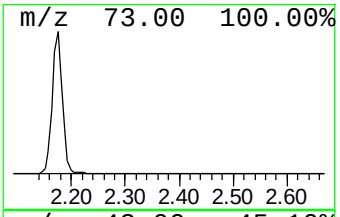
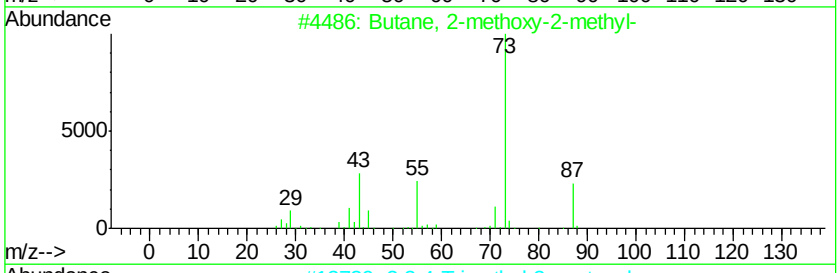
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

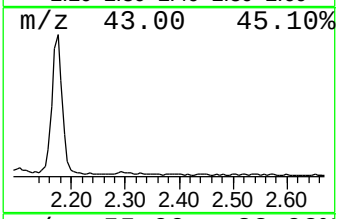
R.T.	EstConc	Area	Relative to ISTD	R.T.
2.17	9.74 ng	565195	1,4-Dichlorobenzene-d4	6.89

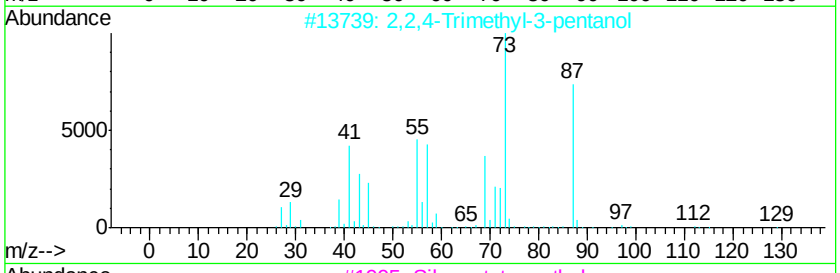
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	32
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9

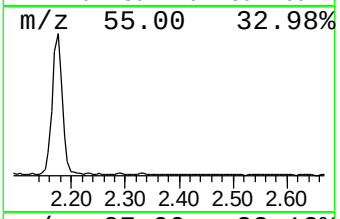


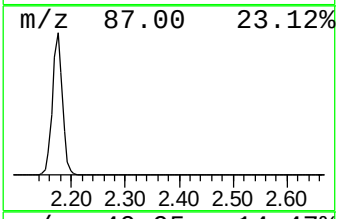


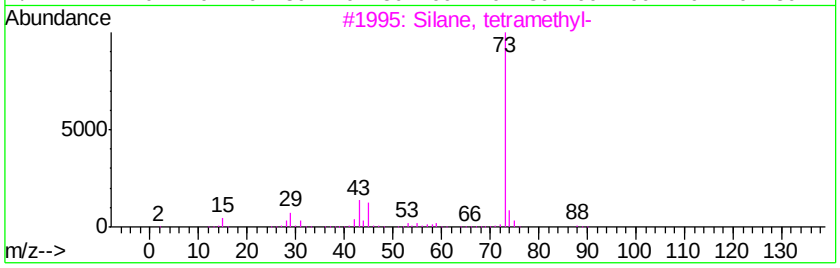


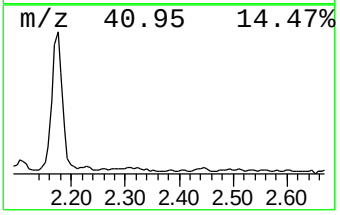












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ClientSampleId : B2

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

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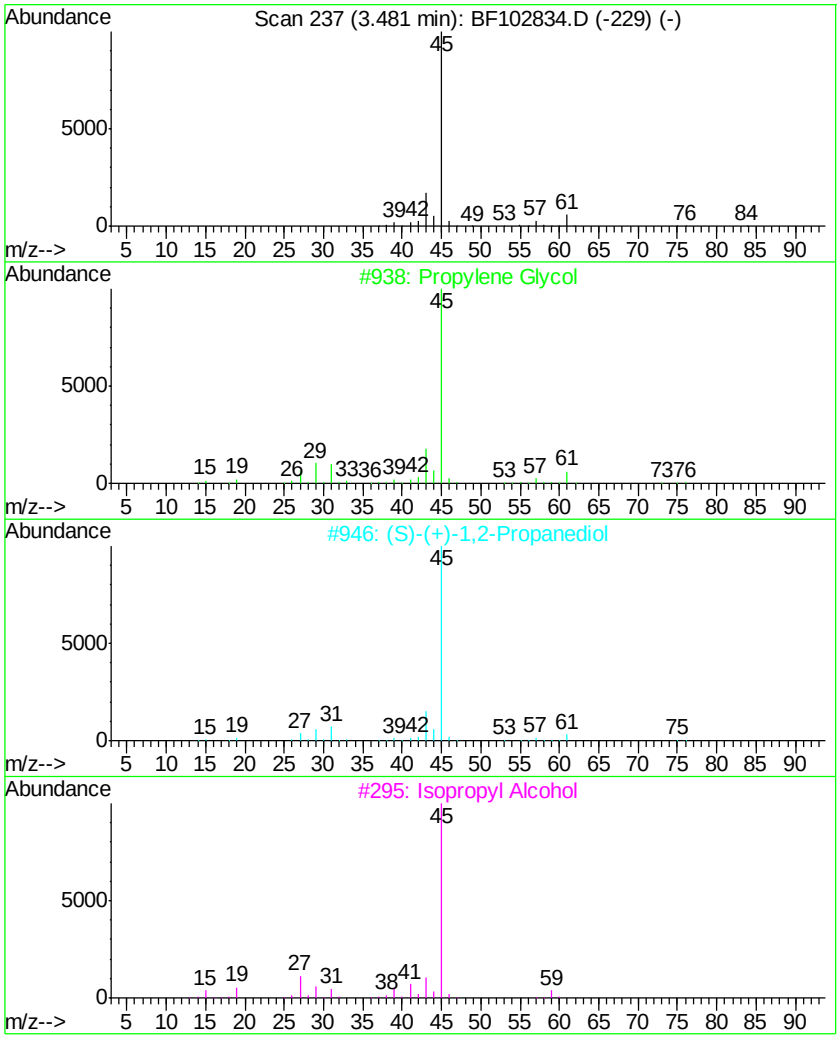
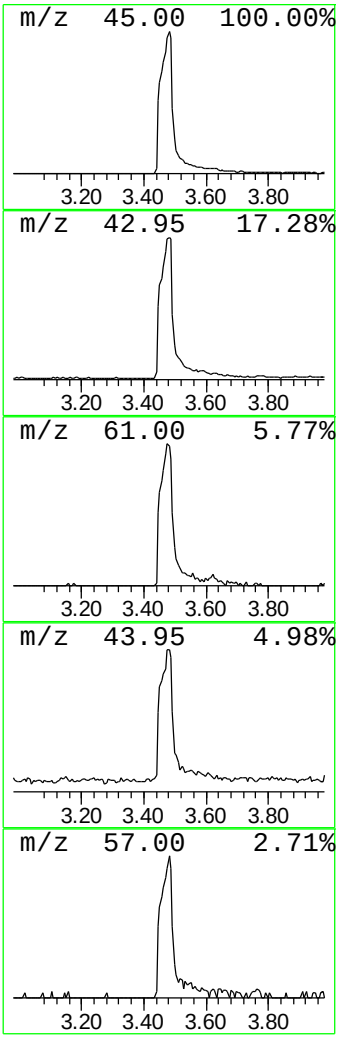
Peak Number 2 Propylene Glycol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.48	24.11 ng	1399160	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propylene Glycol	76	C3H8O2	000057-55-6	90
2	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	64
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
4	2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	9
5	Propanoic acid, 2-hydroxy-, meth...	104	C4H8O3	002155-30-8	9





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Instrument : BNA_F
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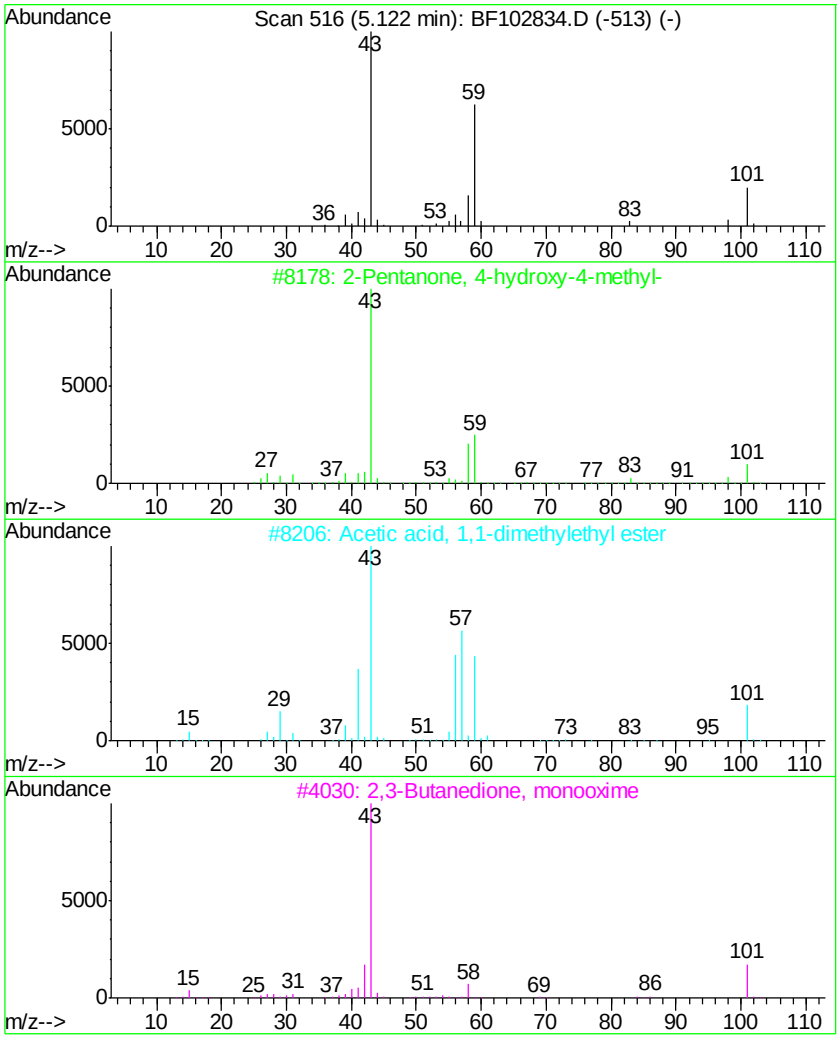
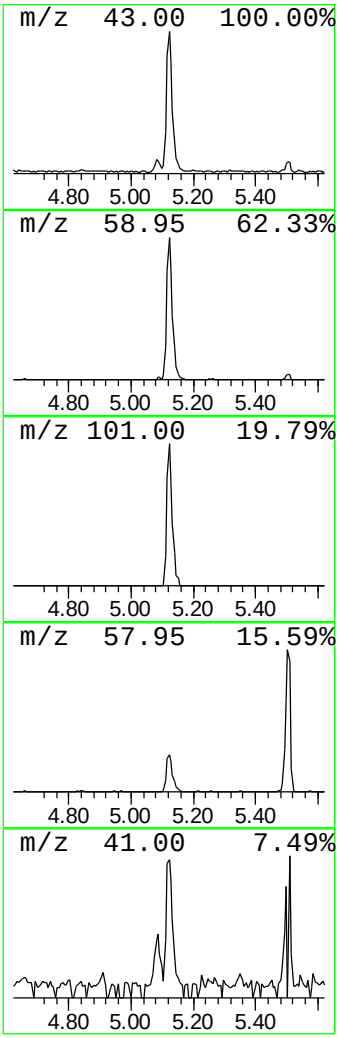
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	2.84 ng	164918	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
4	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	23
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17





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ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
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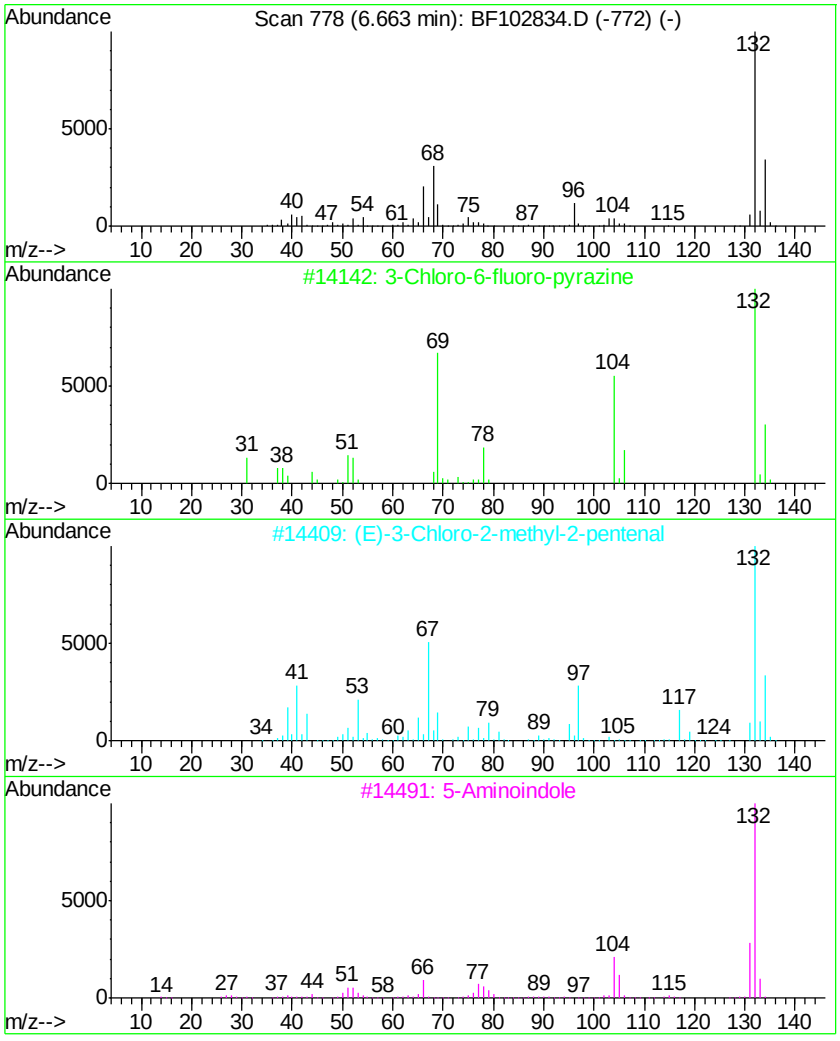
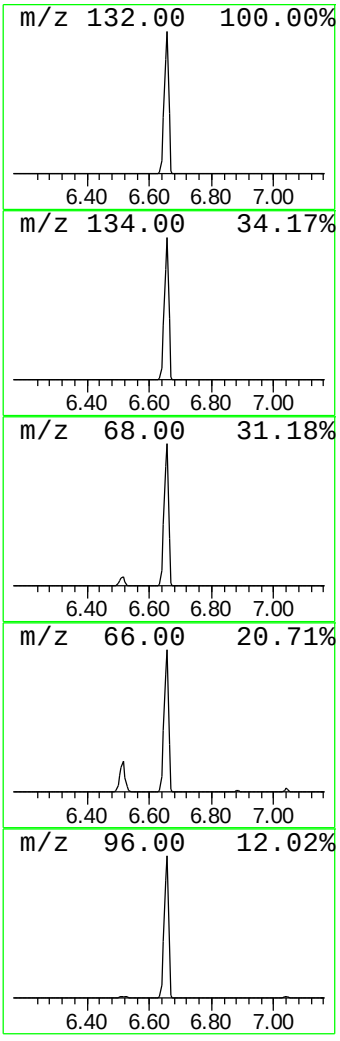
Peak Number 4 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	78.51 ng	4555900	1,4-Dichlorobenzene-d4	6.89

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	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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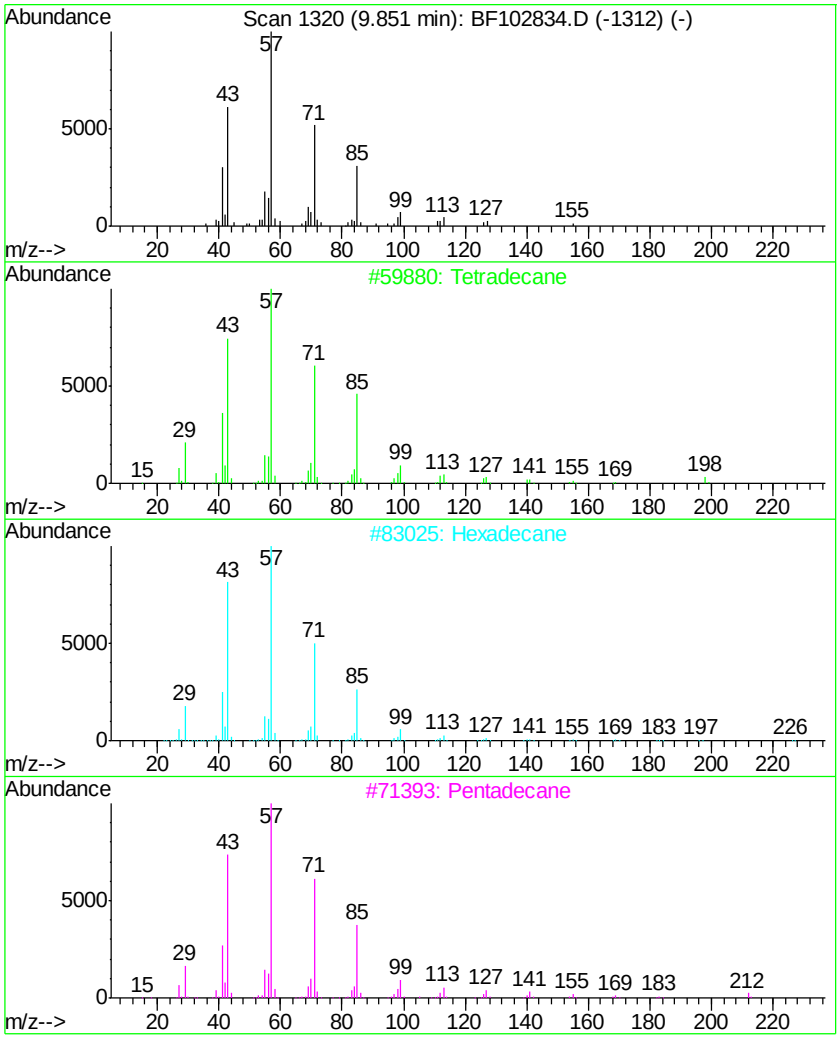
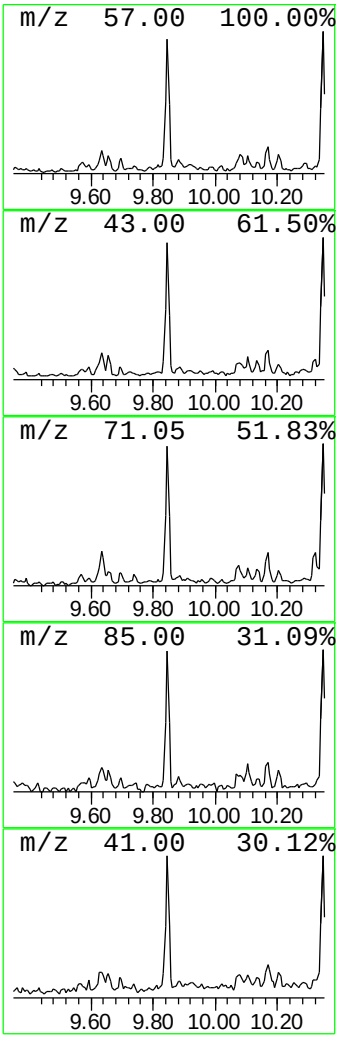
Peak Number 6 Tetradecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	2.17 ng	148231	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Pentadecane	212	C15H32	000629-62-9	83
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78
5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	78





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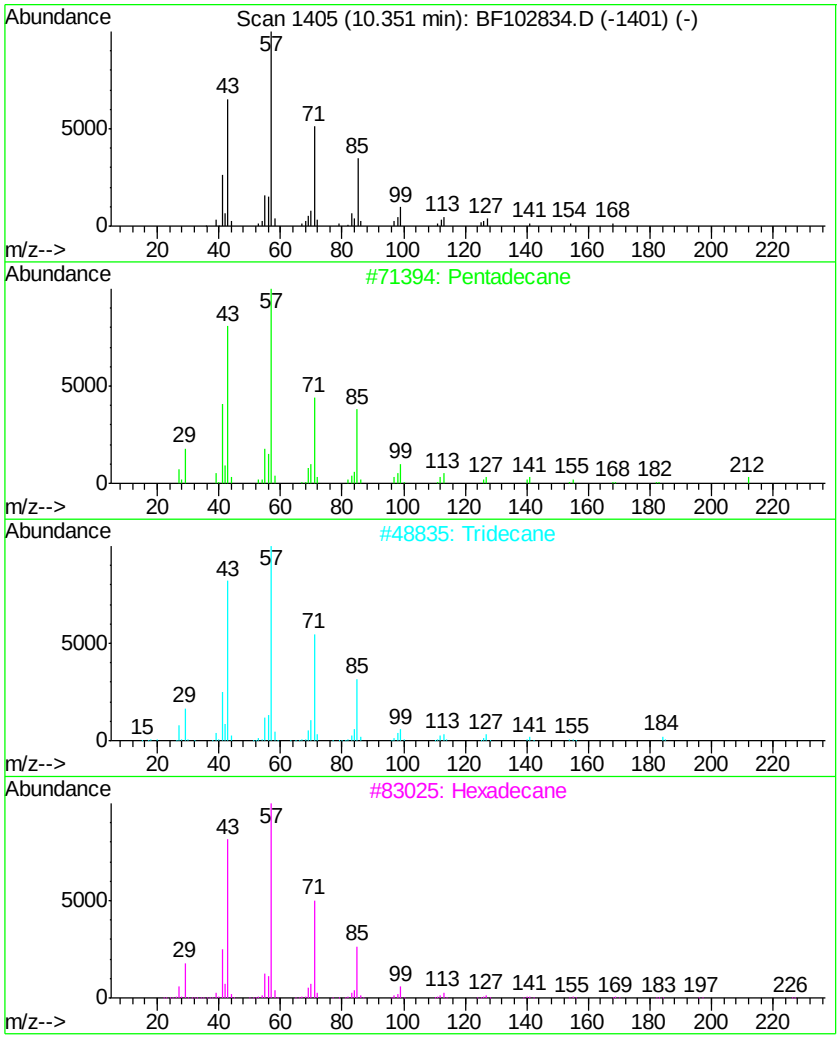
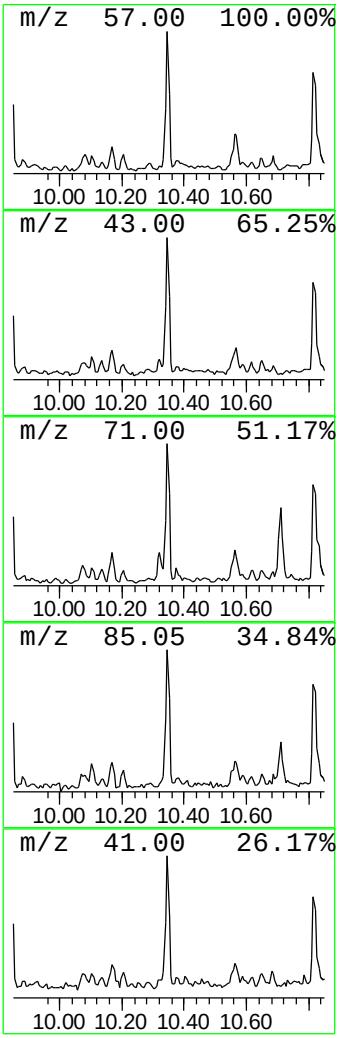
Peak Number 7 Pentadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.35	2.07 ng	141661	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	90
2	Tridecane	184	C13H28	000629-50-5	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Nonadecane	268	C19H40	000629-92-5	86
5	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	80





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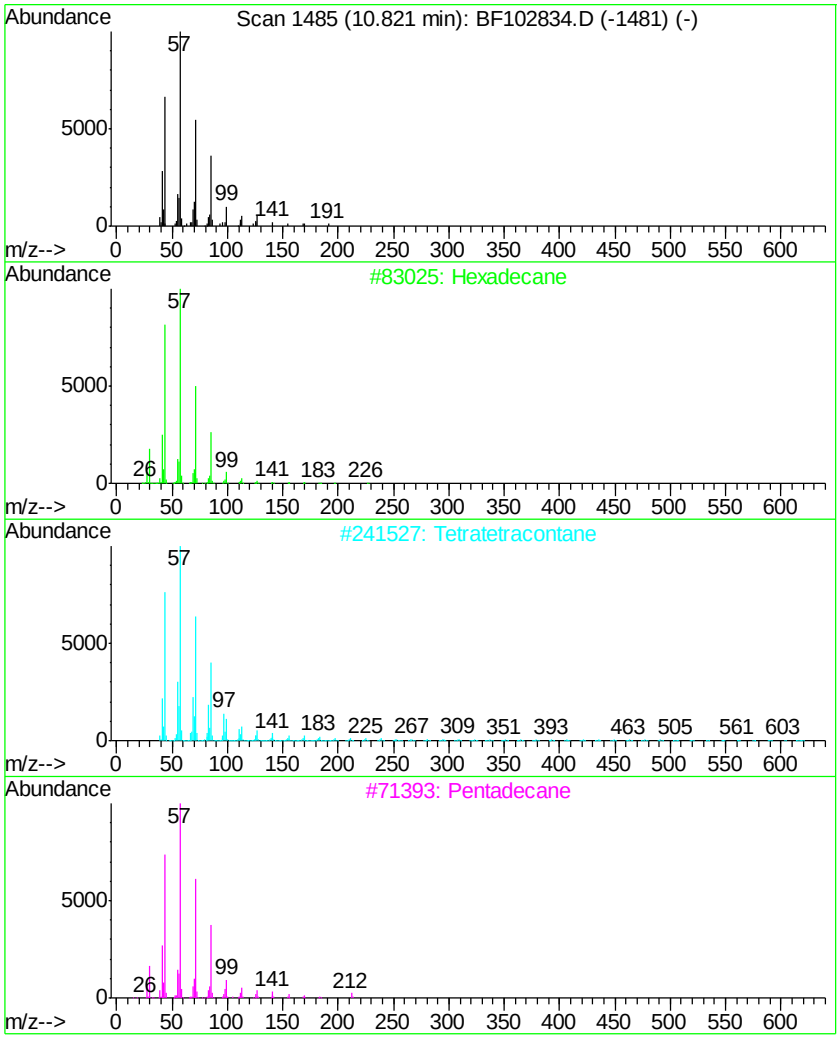
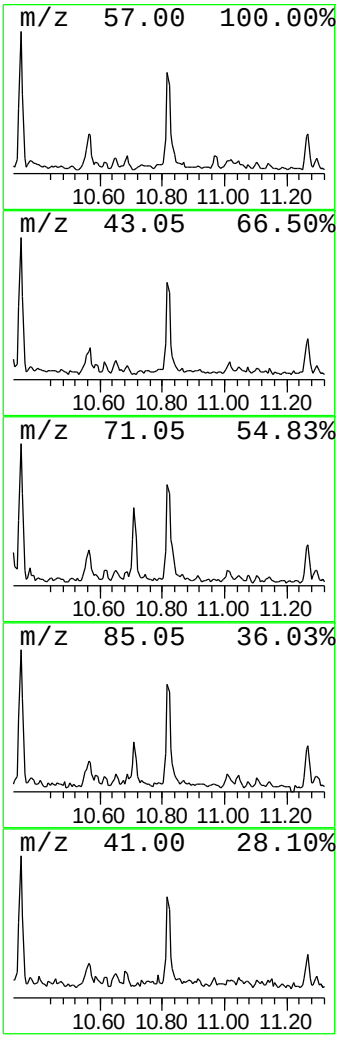
Peak Number 8 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.82	2.67 ng	152886	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Tetratetracontane	619	C44H90	007098-22-8	90
3	Pentadecane	212	C15H32	000629-62-9	86
4	Octacosane	394	C28H58	000630-02-4	83
5	Tetracosane	338	C24H50	000646-31-1	83





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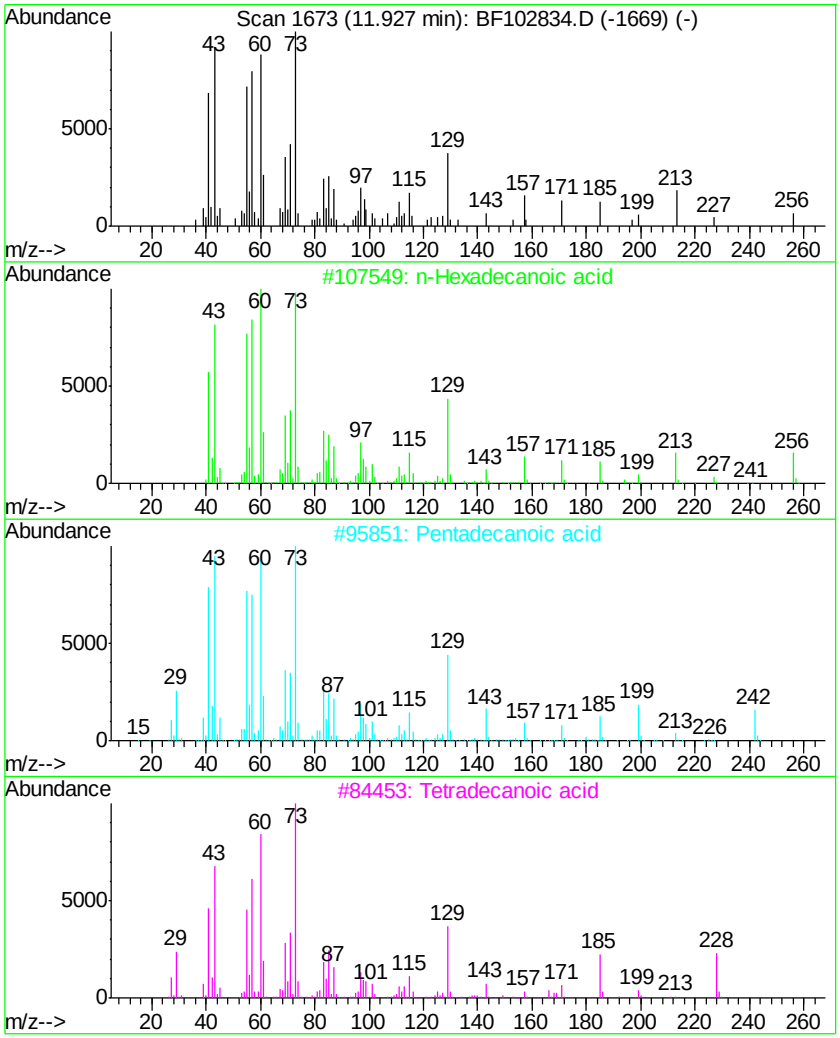
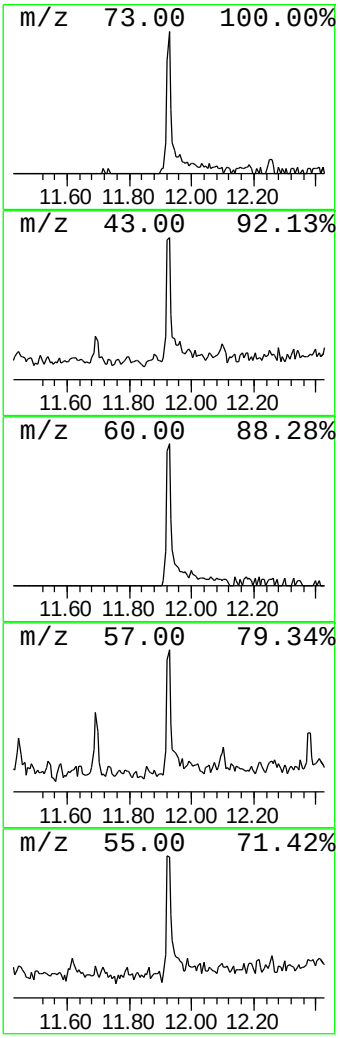
Peak Number 9 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	2.28 ng	130389	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4	Tridecanoic acid	214	C13H26O2	000638-53-9	64
5	Oxalic acid, dodecyl propyl ester	300	C17H32O4	1000309-26-5	30





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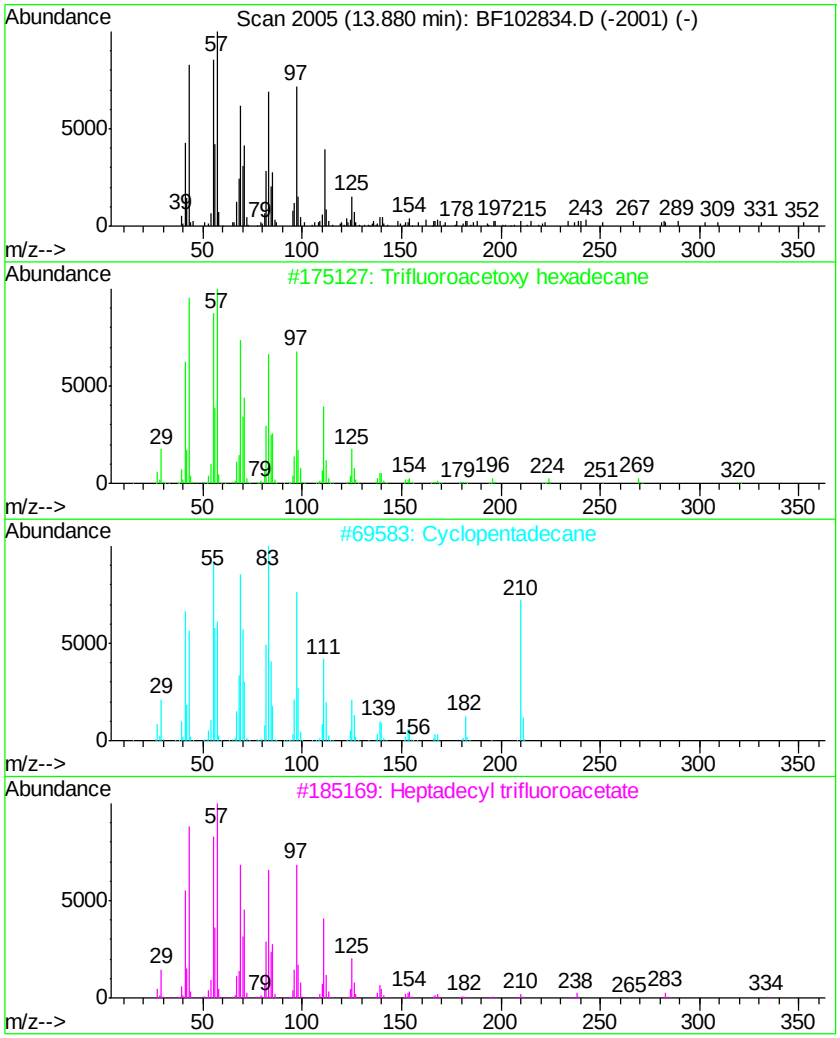
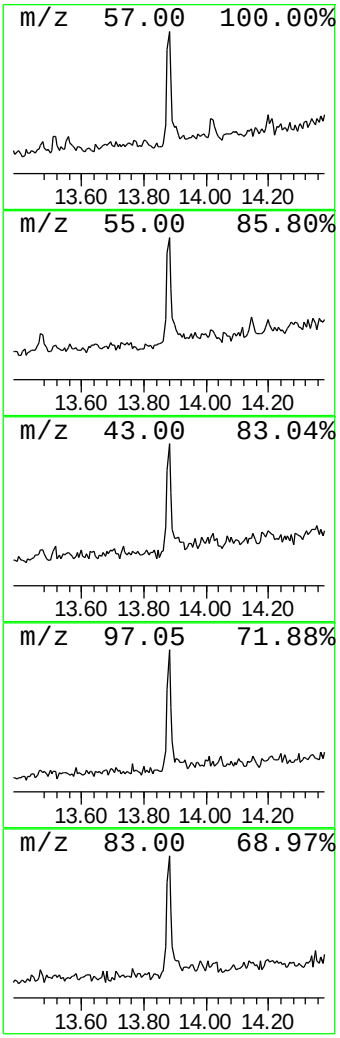
Peak Number 10 Trifluoroacetoxy hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	4.05 ng	211408	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	95
2	Cyclopentadecane	210	C15H30	000295-48-7	95
3	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	93
4	Cyclotetracosane	336	C24H48	000297-03-0	93
5	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020718\
Data File : BF102834.D
Acq On : 8 Feb 2018 00:23
Operator : SJ/JU
Sample : J1473-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B2

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	9.7	ng	565195	1	6.89	1160640	20.0
Propylene Glycol	3.48	24.1	ng	1399160	1	6.89	1160640	20.0
2-Pentanone, 4-hy...	5.12	2.8	ng	164918	1	6.89	1160640	20.0
unknown6.66	6.66	78.5	ng	4555900	1	6.89	1160640	20.0
Tetradecane	9.85	2.2	ng	148231	3	9.92	1367700	20.0
Pentadecane	10.35	2.1	ng	141661	3	9.92	1367700	20.0
Hexadecane	10.82	2.7	ng	152886	4	11.41	1143520	20.0
n-Hexadecanoic acid	11.93	2.3	ng	130389	4	11.41	1143520	20.0
Trifluoroacetoxy ...	13.88	4.0	ng	211408	5	14.05	1043460	20.0