LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031418\
Data File : BF103657.D
Acq On : 14 Mar 2018 22:39
Operator : SJ/JU
Sample : J1911-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5

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	5.093	508	511	521	rBV	27963	62504	1.49%	0.207%
2	5.487	575	578	613	rBV	674685	2050005	48.82%	6.780%
3	6.510	748	752	769	rBV	397961	1283715	30.57%	4.246%
4	6.628	769	772	808	rVV	2653867	4083335	97.23%	13.506%
5	6.857	808	811	833	rVB	453052	829531	19.75%	2.744%
6	7.010	833	837	857	rBV	2543941	3151271	75.04%	10.423%
7	7.428	904	908	931	rBV	1882648	3108914	74.03%	10.283%
8	7.575	931	933	946	rVB	58826	115851	2.76%	0.383%
9	8.139	1026	1029	1045	rBV	641329	1113490	26.51%	3.683%
10	8.251	1045	1048	1056	rVB	111218	138765	3.30%	0.459%
11	9.216	1207	1212	1221	rBV	3338395	4199537	100.00%	13.890%
12	9.616	1278	1280	1285	rVB	56137	56907	1.36%	0.188%
13	9.804	1309	1312	1316	rBV	95991	88207	2.10%	0.292%
14	9.851	1316	1320	1324	rVV	113766	155927	3.71%	0.516%
15	9.898	1324	1328	1341	rVB	976228	1150682	27.40%	3.806%
16	10.304	1395	1397	1400	rVB	144124	110340	2.63%	0.365%
17	10.528	1429	1435	1437	rBV	40644	54732	1.30%	0.181%
18	10.698	1460	1464	1475	rBV	1640478	2390228	56.92%	7.906%
19	10.780	1475	1478	1491	rVB	145224	228110	5.43%	0.754%
20	11.227	1551	1554	1557	rBV	66532	58645	1.40%	0.194%
21	11.398	1579	1583	1599	rBV	688947	1064787	25.35%	3.522%
22	12.980	1847	1852	1870	rBV	2665547	3112856	74.12%	10.296%
23	13.857	1997	2001	2018	rBV	142134	232180	5.53%	0.768%
24	14.057	2031	2035	2045	rBV	546793	730750	17.40%	2.417%
25	14.868	2169	2173	2176	rVB	63606	67125	1.60%	0.222%
26	15.574	2288	2293	2309	rBV	302607	595584	14.18%	1.970%

Sum of corrected areas: 30233978

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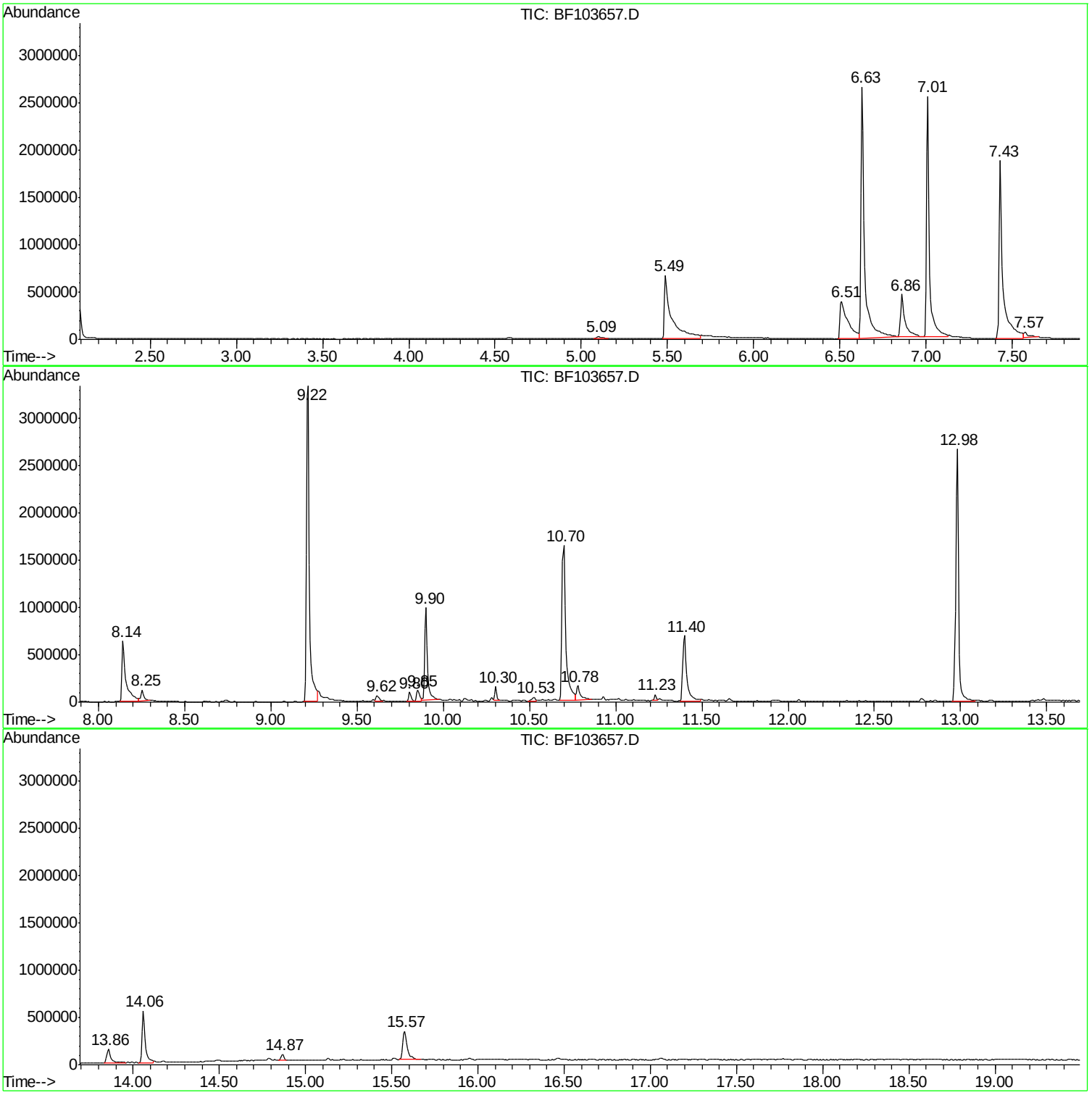
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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

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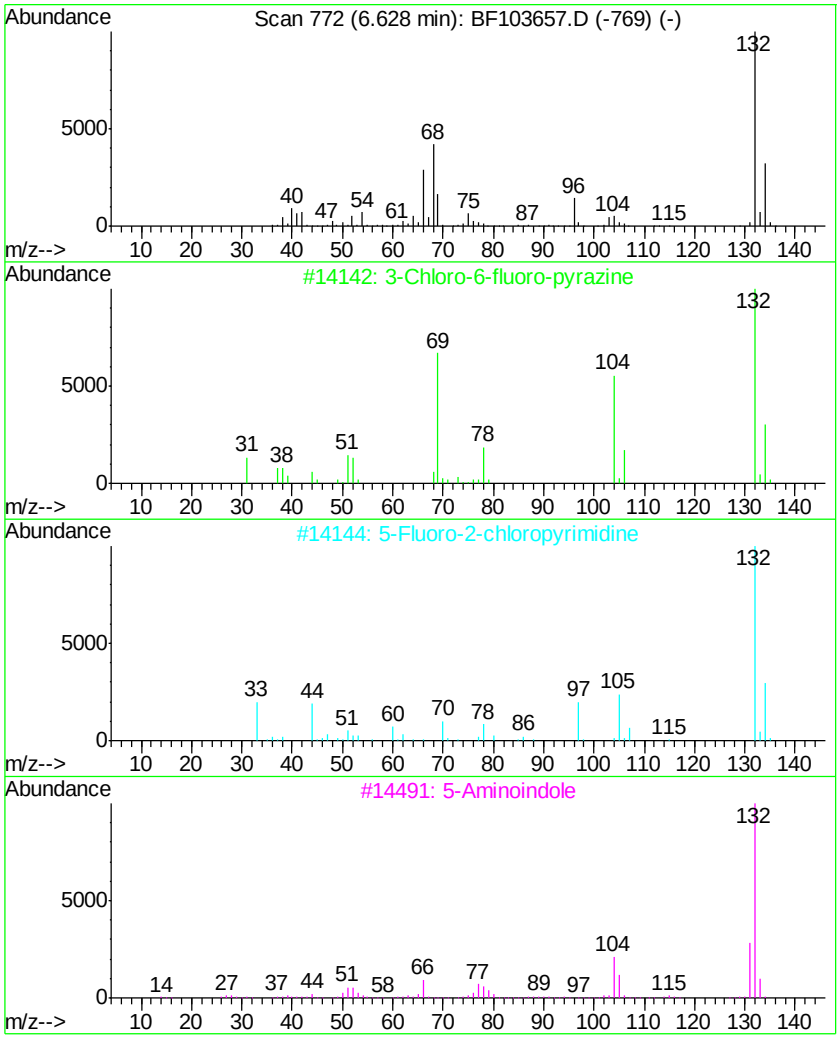
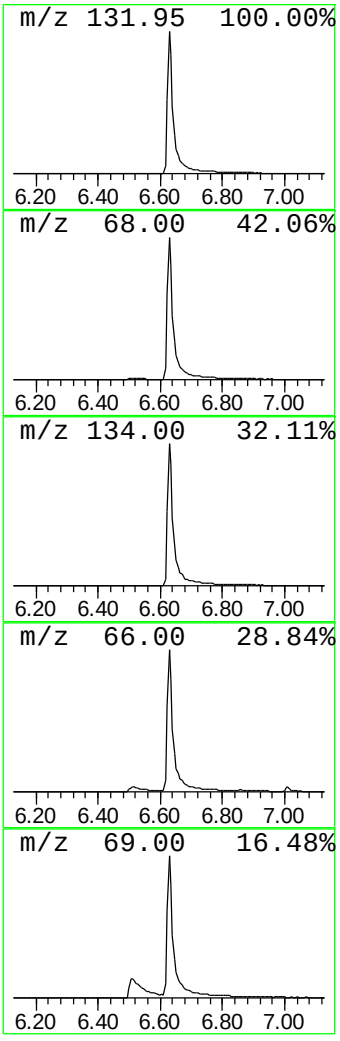
Peak Number 1 unknown6.63 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	98.45 ng	4083340	1,4-Dichlorobenzene-d4	6.86

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





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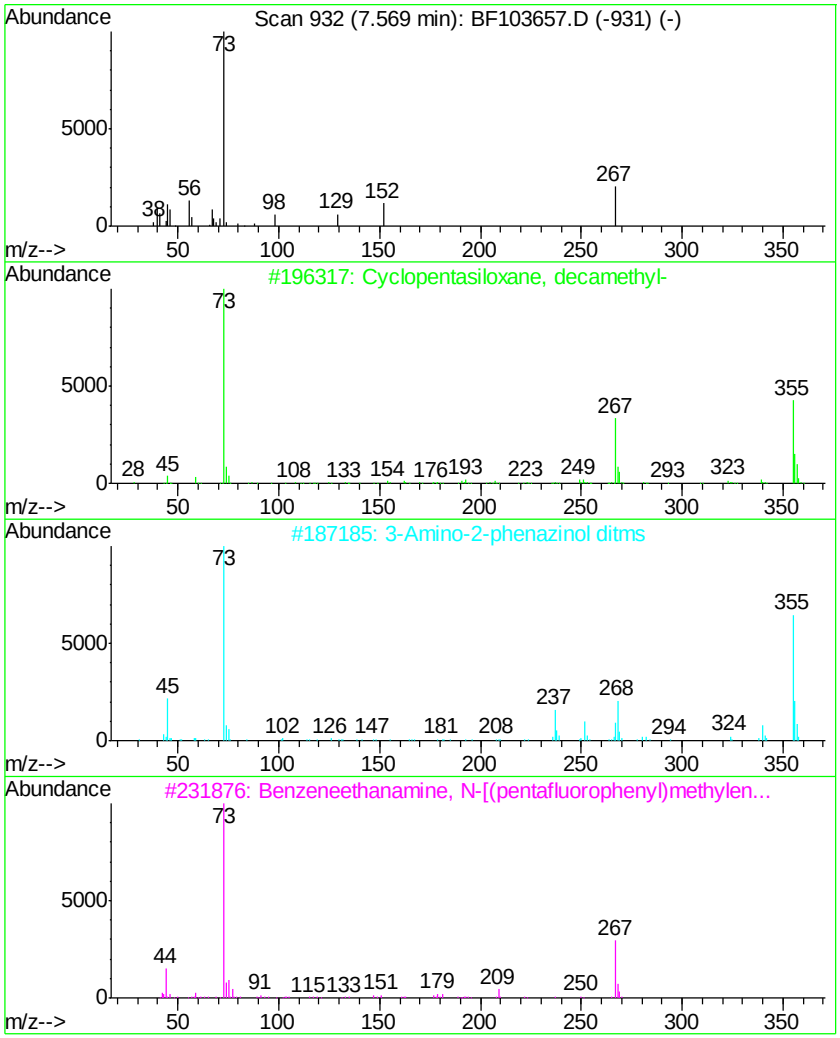
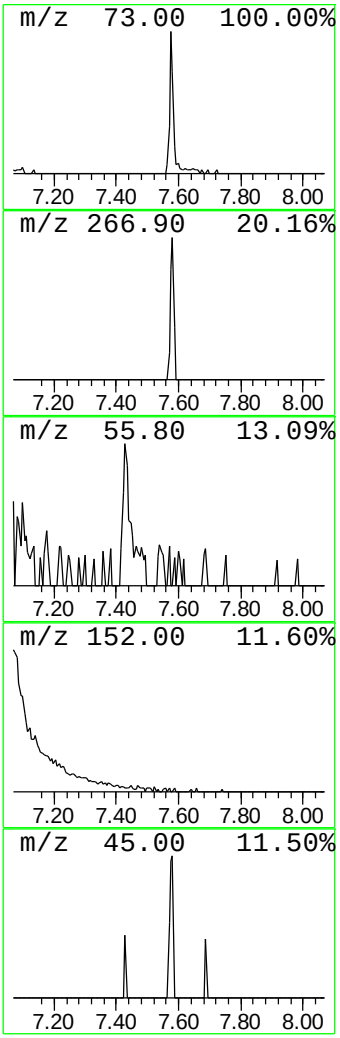
Peak Number 3 Cyclopentasiloxane, decamet... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.57	2.08 ng	115851	Naphthalene-d8	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	83
2	3-Amino-2-phenazinol ditms	355	C18H25N3OSi2	1000332-15-5	38
3	Benzeneethanamine, N-[(pentafluo...	475	C21H26F5NO2Si2	055429-85-1	33
4	Tetrasiloxane, 1,1,3,3,5,5,7,7-o...	282	C8H26O3Si4	001000-05-1	33
5	Trimethylsilyloxyethane, 2-(3-tr...	282	C14H26O2Si2	1000365-49-0	33





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Sample : J1911-11
Misc :
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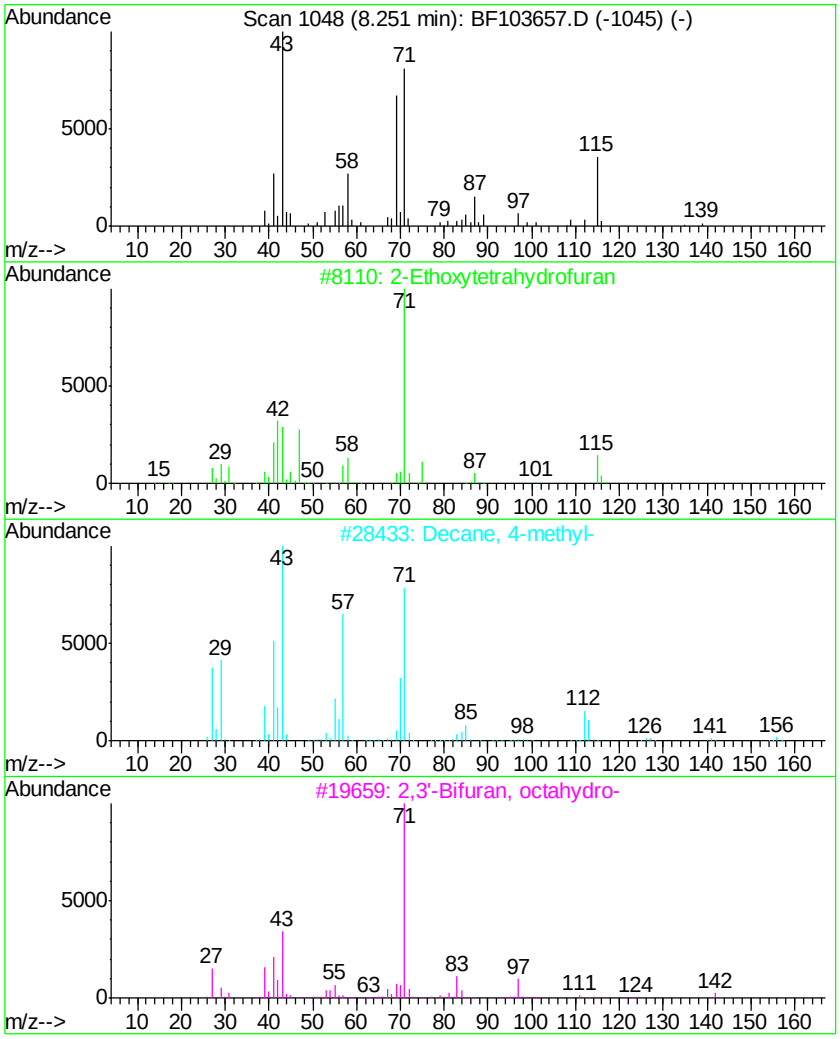
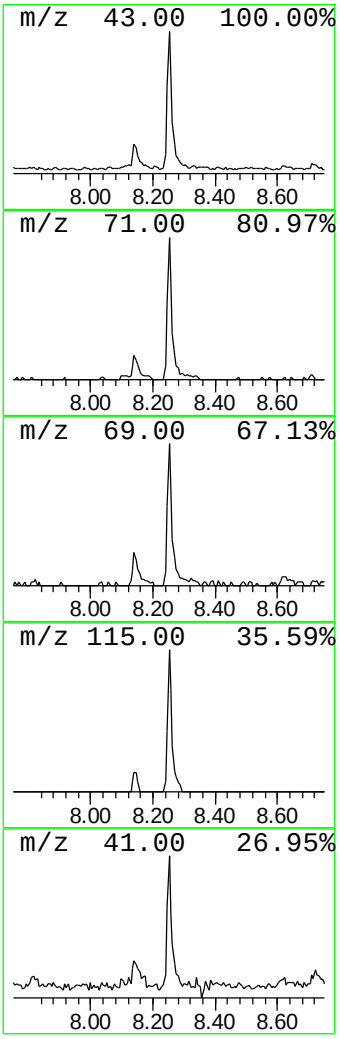
Peak Number 4 2-Ethoxytetrahydrofuran Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.25	2.49 ng	138765	Naphthalene-d8	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethoxytetrahydrofuran	116	C6H12O2	013436-46-9	50
2	Decane, 4-methyl-	156	C11H24	002847-72-5	47
3	2,3'-Bifuran, octahydro-	142	C8H14O2	073373-15-6	47
4	Butanoic acid, 2-butoxy-1-methyl...	216	C11H20O4	007492-70-8	47
5	Propanoic acid, 2-methyl-, 2-(hy...	216	C12H24O3	074367-32-1	43





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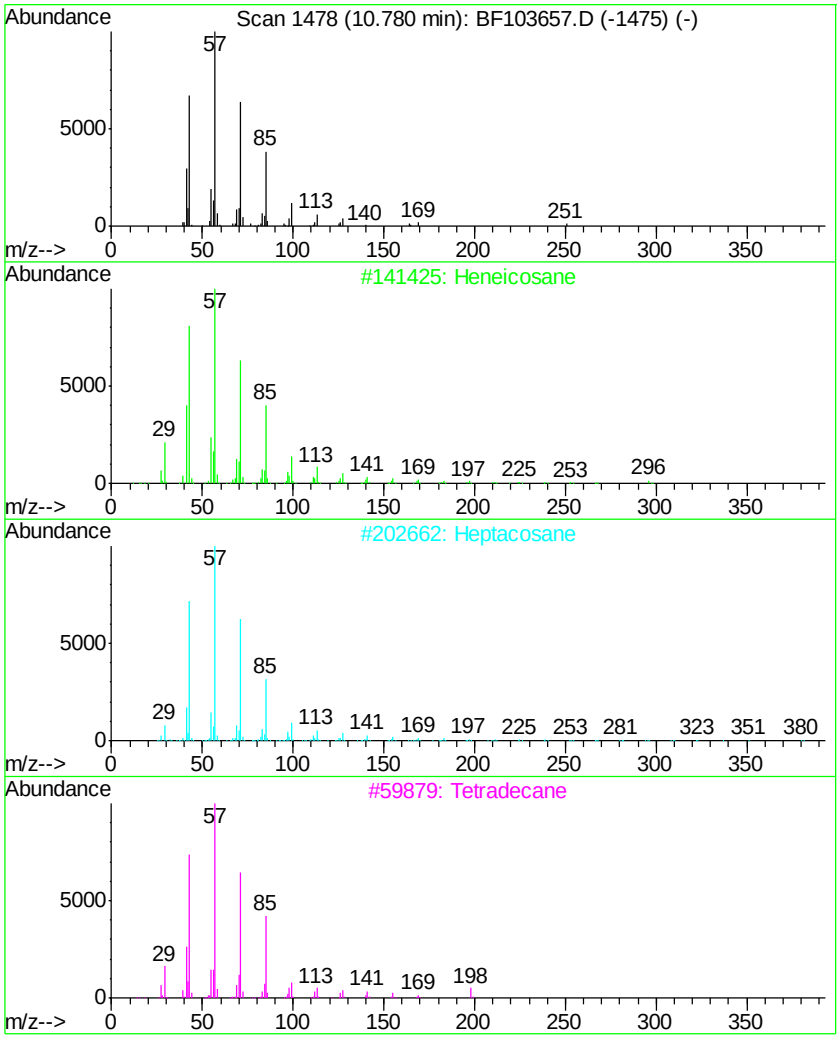
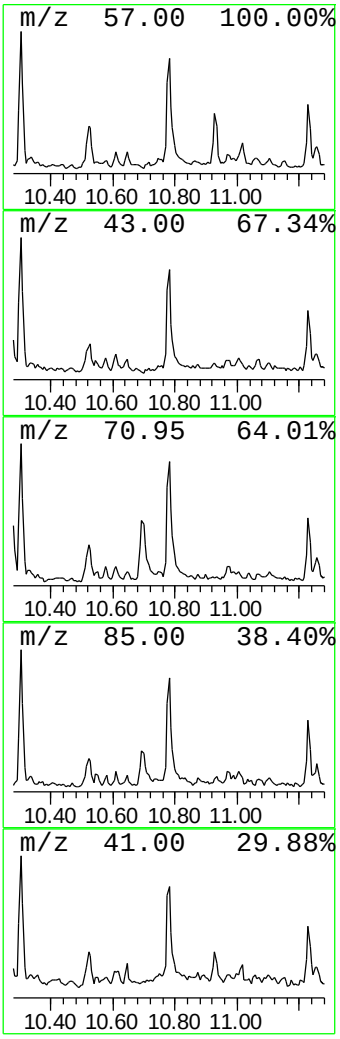
Peak Number 5 Heneicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	4.28 ng	228110	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heptacosane	380	C27H56	000593-49-7	90
3	Tetradecane	198	C14H30	000629-59-4	90
4	Tetracosane	338	C24H50	000646-31-1	90
5	Hexadecane	226	C16H34	000544-76-3	90





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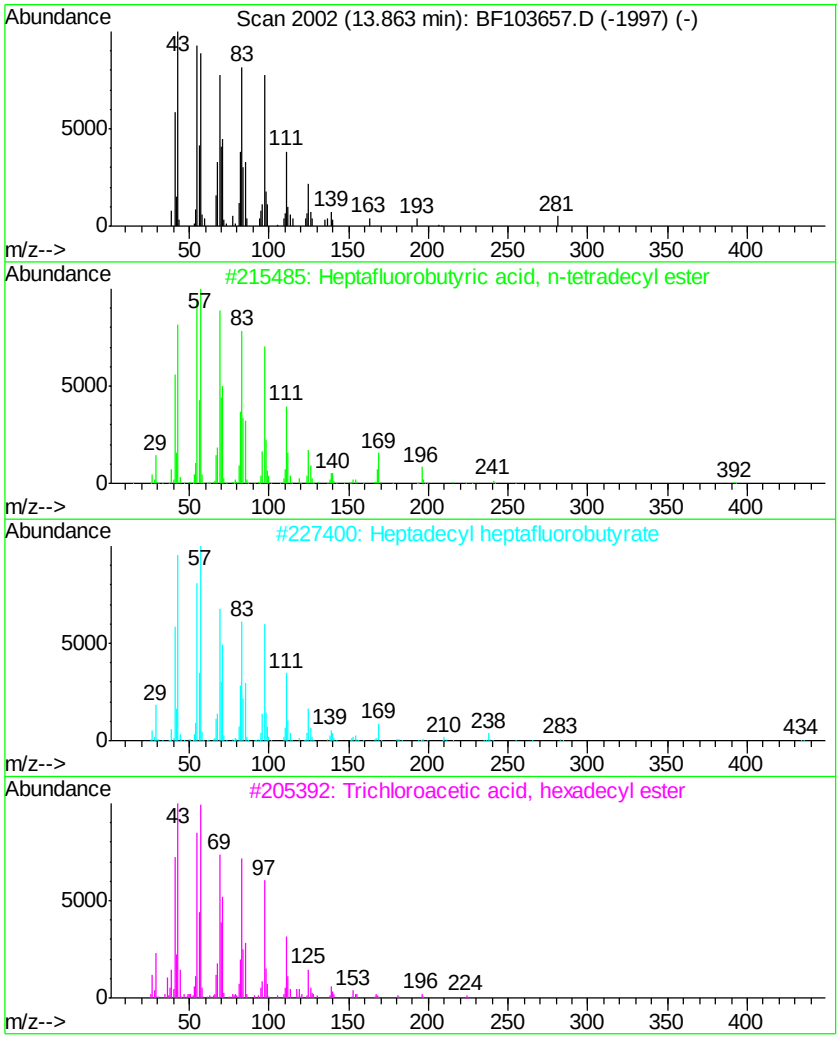
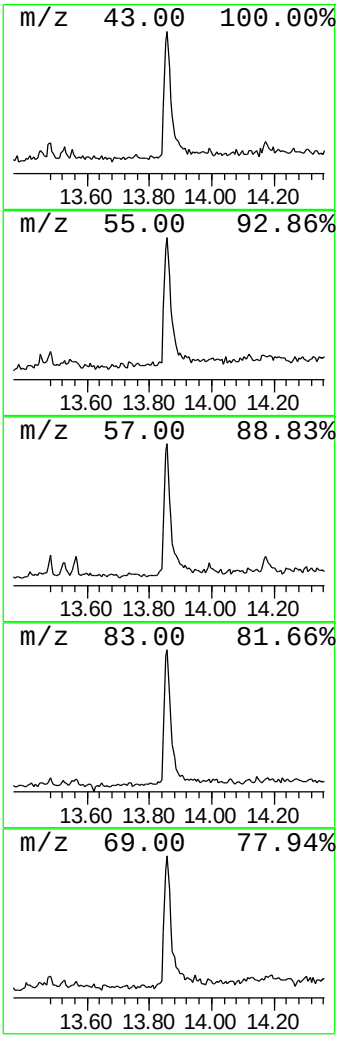
Peak Number 6 Heptafluorobutyric acid, n-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	6.35 ng	232180	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	95
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	95
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93





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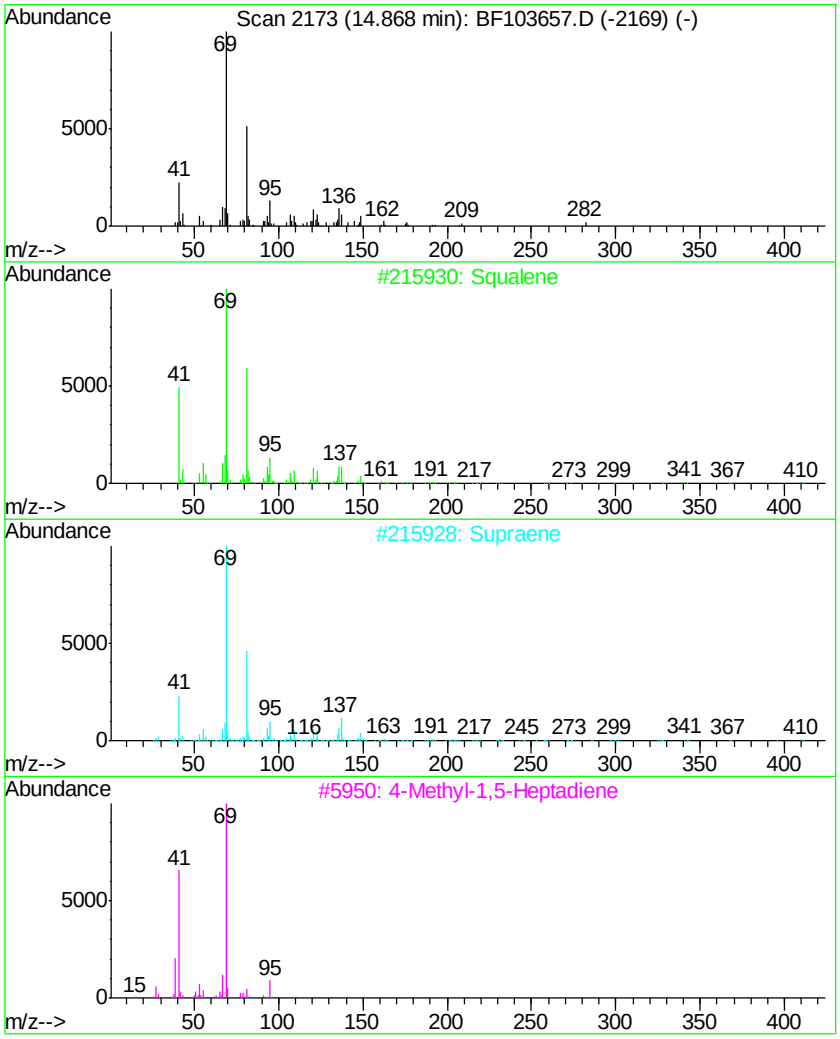
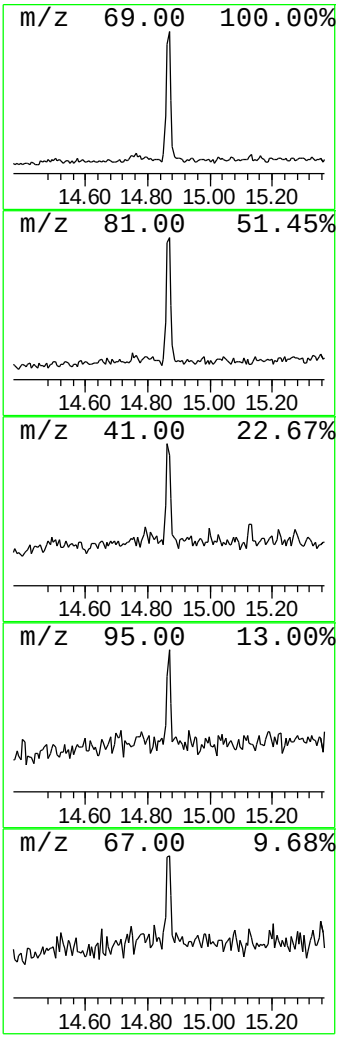
Peak Number 7 Squalene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	2.25 ng	67125	Perylene-d12	15.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	90
2	Supraene	410	C30H50	007683-64-9	86
3	4-Methyl-1,5-Heptadiene	110	C8H14	000998-94-7	50
4	1,5-Heptadiene, 2,6-dimethyl-	124	C9H16	006709-39-3	50
5	Geranyl vinyl ether	180	C12H20O	1000132-11-4	50





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
unknown6.63	6.63	98.5	ng	4083340	1	6.86	829531	20.0
Cyclopentasiloxan...	7.57	2.1	ng	115851	2	8.14	1113490	20.0
2-Ethoxytetrahydr...	8.25	2.5	ng	138765	2	8.14	1113490	20.0
Heneicosane	10.78	4.3	ng	228110	4	11.40	1064790	20.0
Heptafluorobutyri...	13.86	6.3	ng	232180	5	14.06	730750	20.0
Squalene	14.87	2.3	ng	67125	6	15.57	595584	20.0