LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101921\
Data File : BF125901.D
Acq On : 19 Oct 2021 15:47
Operator : JU/CG
Sample : M4268-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P257-DITCH

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF125901.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.434	564	569	572	rBV	2165364	1884017	41.30%	8.006%
2	6.445	737	741	744	rBV	1512369	1217225	26.69%	5.172%
3	6.822	802	805	809	rBV	1018554	789673	17.31%	3.355%
4	7.386	896	901	904	rBV	2558322	2376953	52.11%	10.100%
5	8.004	1003	1006	1019	rBV	894076	744371	16.32%	3.163%
6	8.104	1019	1023	1026	rBV	1439619	1071959	23.50%	4.555%
7	9.180	1201	1206	1209	rBV	5276286	4561351	100.00%	19.382%
8	9.292	1222	1225	1229	rBV	277196	255382	5.60%	1.085%
9	9.857	1317	1321	1324	rBV	1487095	1205160	26.42%	5.121%
10	10.639	1450	1454	1458	rBV	2583196	2531648	55.50%	10.757%
11	10.739	1467	1471	1474	rBV	245111	203386	4.46%	0.864%
12	11.339	1569	1573	1576	rBV	1226543	1070431	23.47%	4.548%
13	11.733	1637	1640	1644	rBV	118614	93549	2.05%	0.398%
14	11.863	1659	1662	1666	rBV	129817	117171	2.57%	0.498%
15	12.521	1772	1774	1777	rBV	88517	71023	1.56%	0.302%
16	12.921	1838	1842	1845	rBV	3834214	3389154	74.30%	14.401%
17	13.821	1991	1995	2004	rBV3	75251	126496	2.77%	0.538%
18	13.968	2016	2020	2024	rBV	963805	931793	20.43%	3.959%
19	15.421	2262	2267	2271	rBV	760486	893240	19.58%	3.796%

Sum of corrected areas: 23533982

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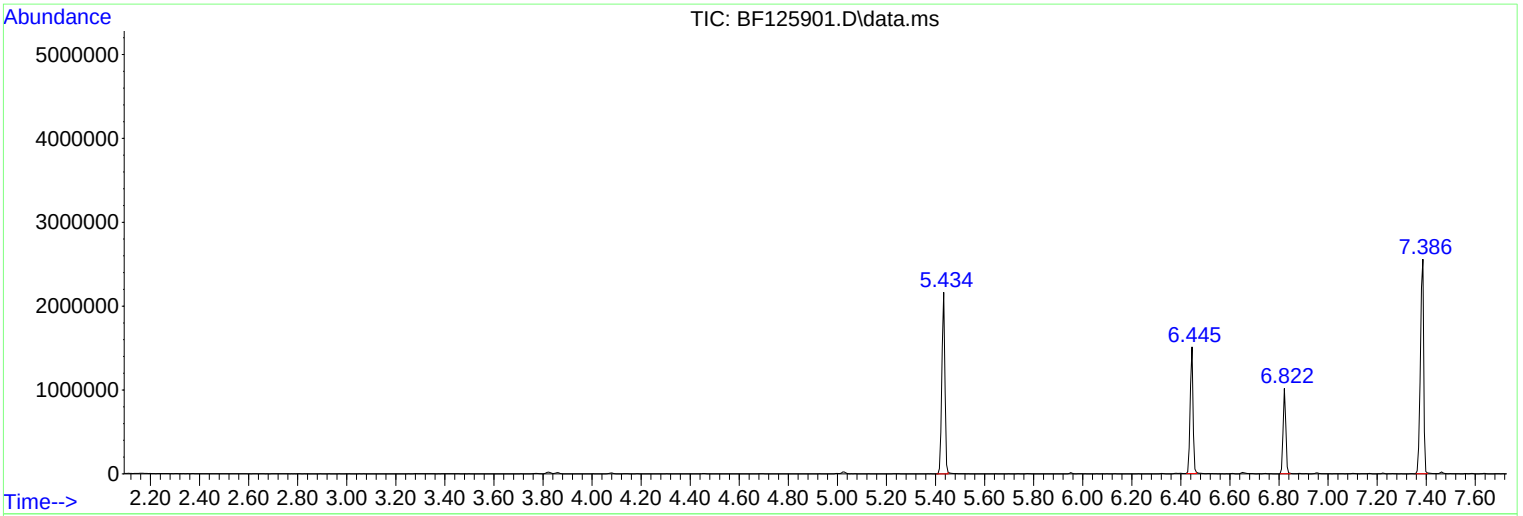
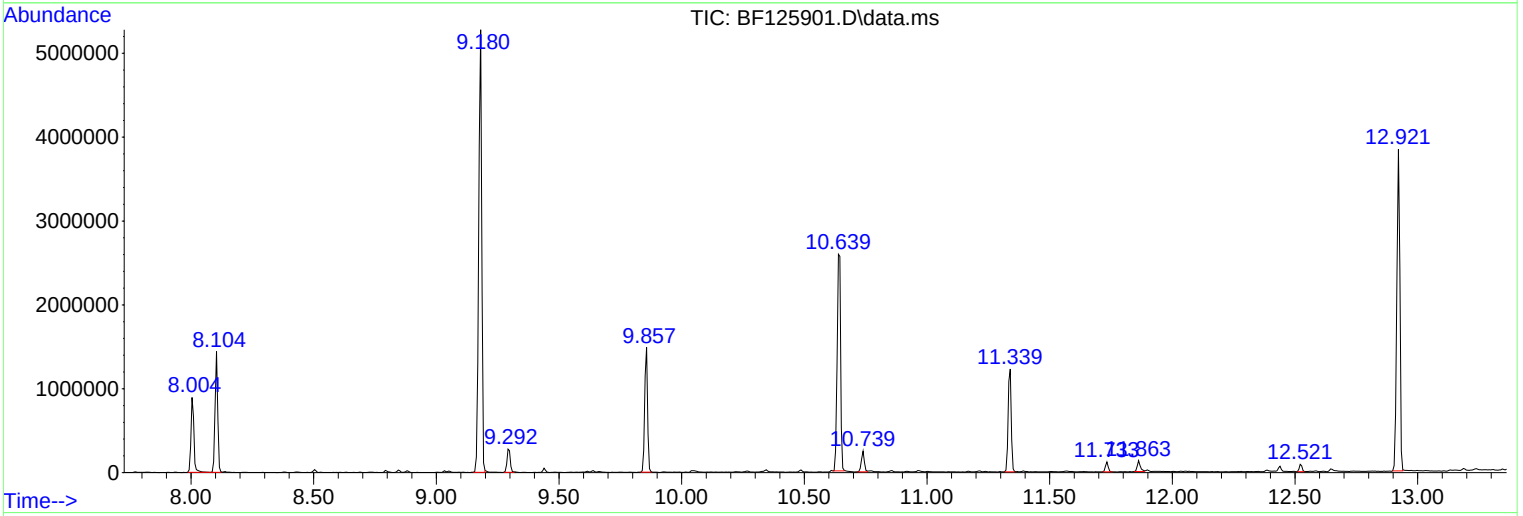
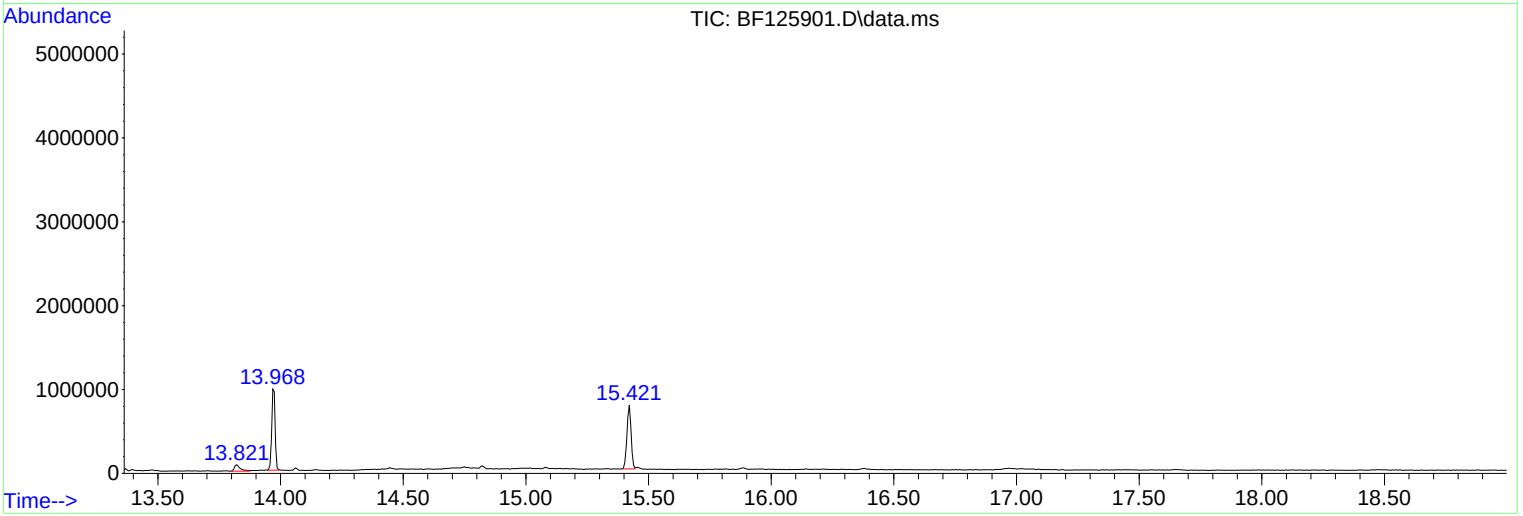
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







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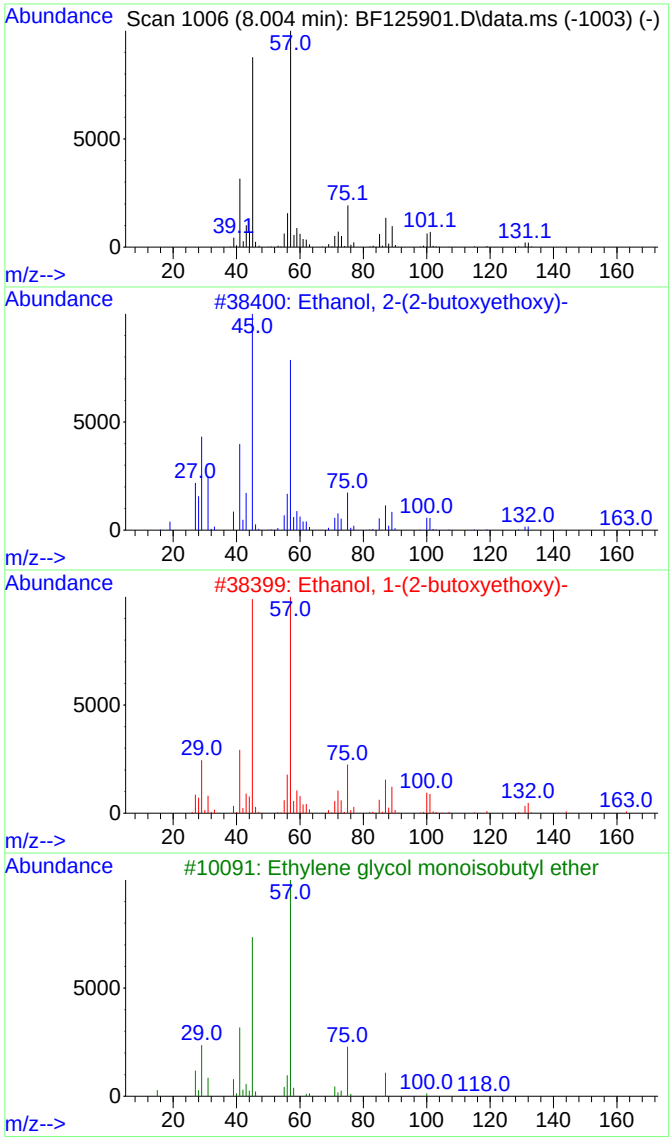
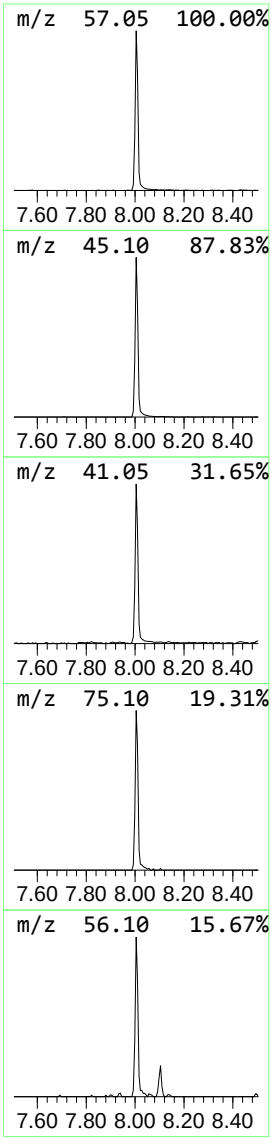
****
Peak Number 1 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.004	13.89 ng	744371	Naphthalene-d8	8.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	78
3	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
4	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	50
5	Methoxyacetic acid, 2-butyl ester	146	C7H14O3	070159-90-9	50





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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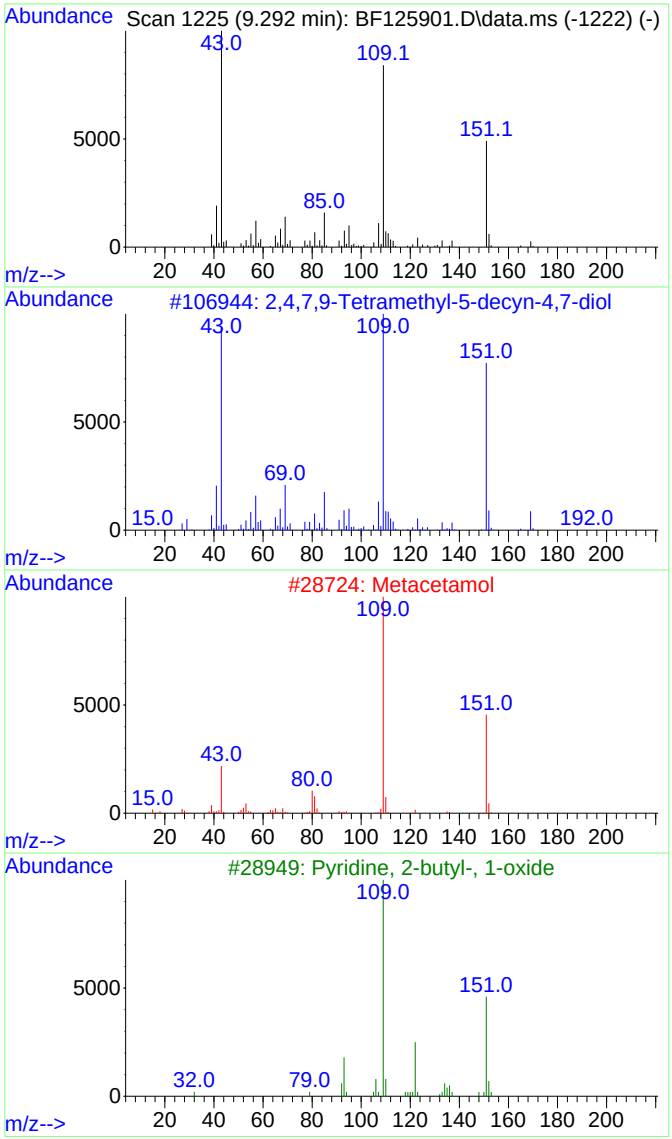
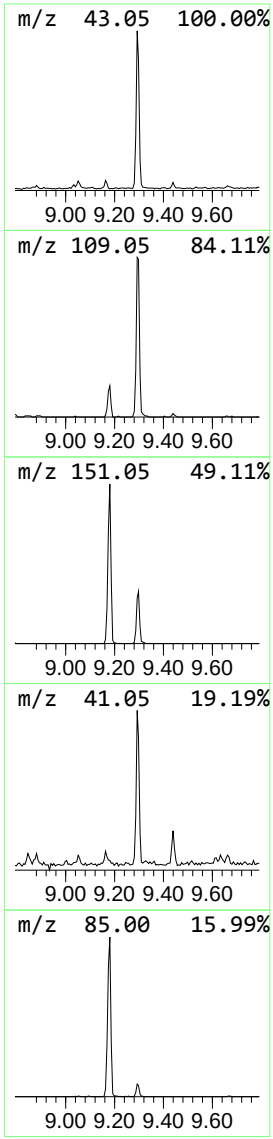
****
Peak Number 2 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.292	4.24 ng	255382	Acenaphthene-d10	9.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	91
2	Metacetamol	151	C8H9NO2	000621-42-1	59
3	Pyridine, 2-butyl-, 1-oxide	151	C9H13NO	031396-32-4	59
4	Cyclohexanol, 3,3,5-trimethyl-	142	C9H18O	000116-02-9	47
5	N-Cyclopropyl-p-fluorobenzylamine	165	C10H12FN	1000250-88-9	47





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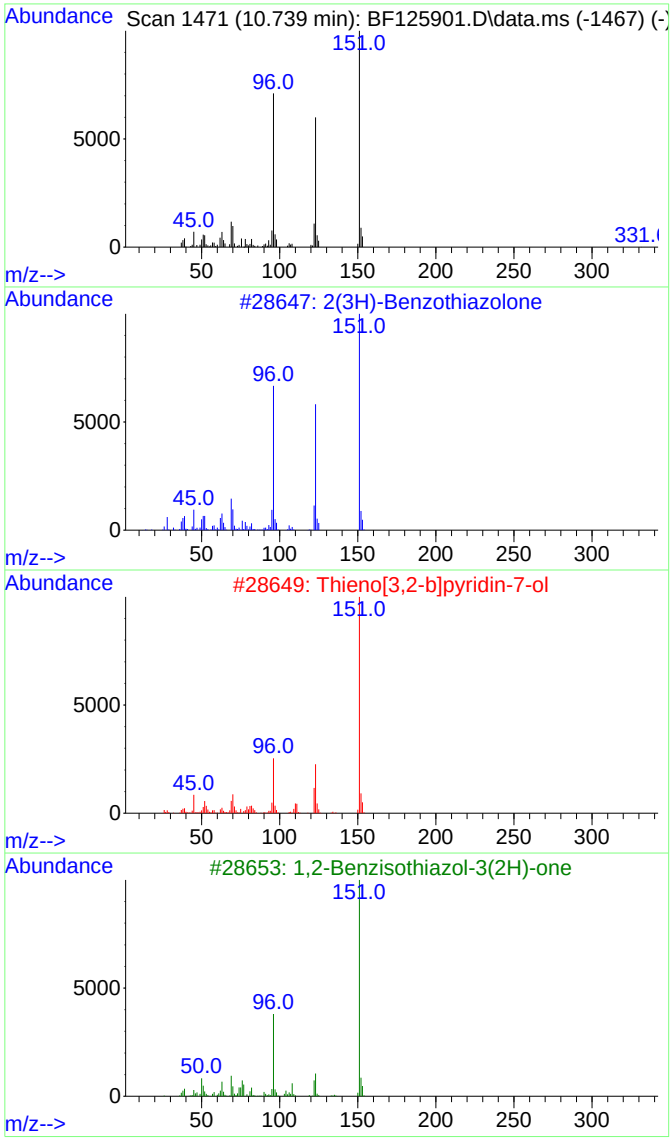
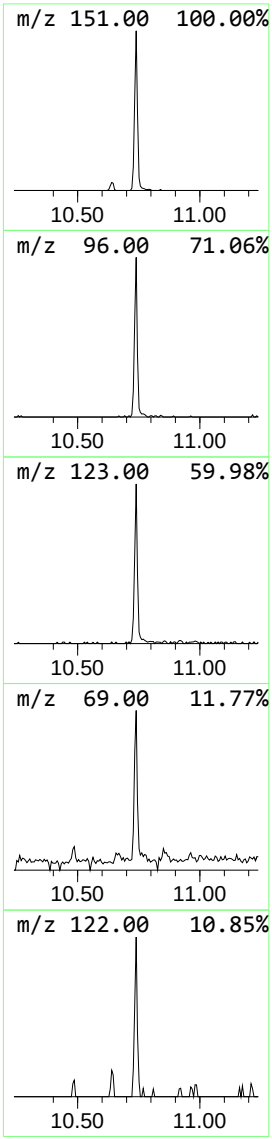
****

Peak Number 3 2(3H)-Benzothiazolone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.739	3.80 ng	203386	Phenanthrene-d10	11.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Benzothiazolone	151	C7H5NOS	000934-34-9	96
2	Thieno[3,2-b]pyridin-7-ol	151	C7H5NOS	107818-20-2	64
3	1,2-Benzisothiazol-3(2H)-one	151	C7H5NOS	002634-33-5	52
4	6-Methyl-7-oxo-4,7-dihydro-triaz...	151	C5H5N5O	057250-39-2	50
5	4-Mercaptoimidazo[4,5-c]pyridine	151	C6H5N3S	034550-51-1	38





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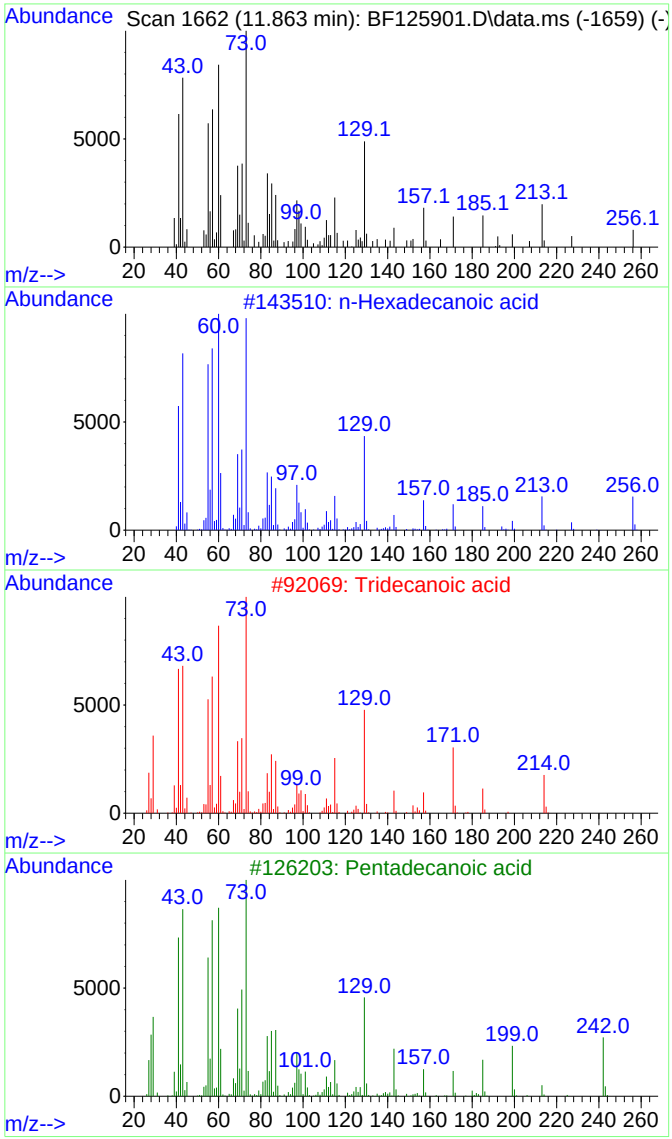
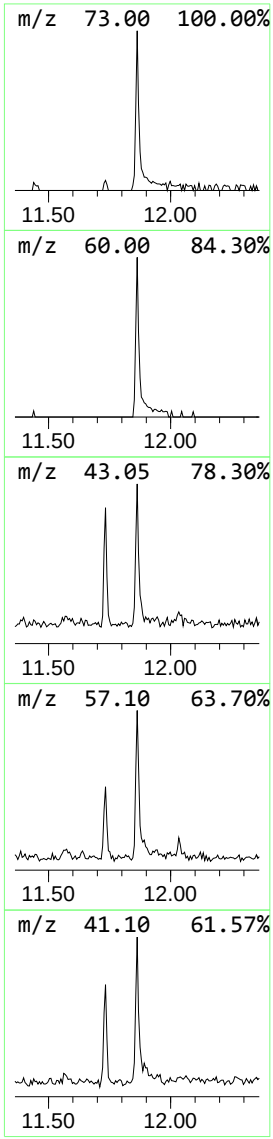
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.863	2.19 ng	117171	Phenanthrene-d10	11.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	87
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	n-Decanoic acid	172	C10H20O2	000334-48-5	64
5	Nonanoic acid	158	C9H18O2	000112-05-0	38





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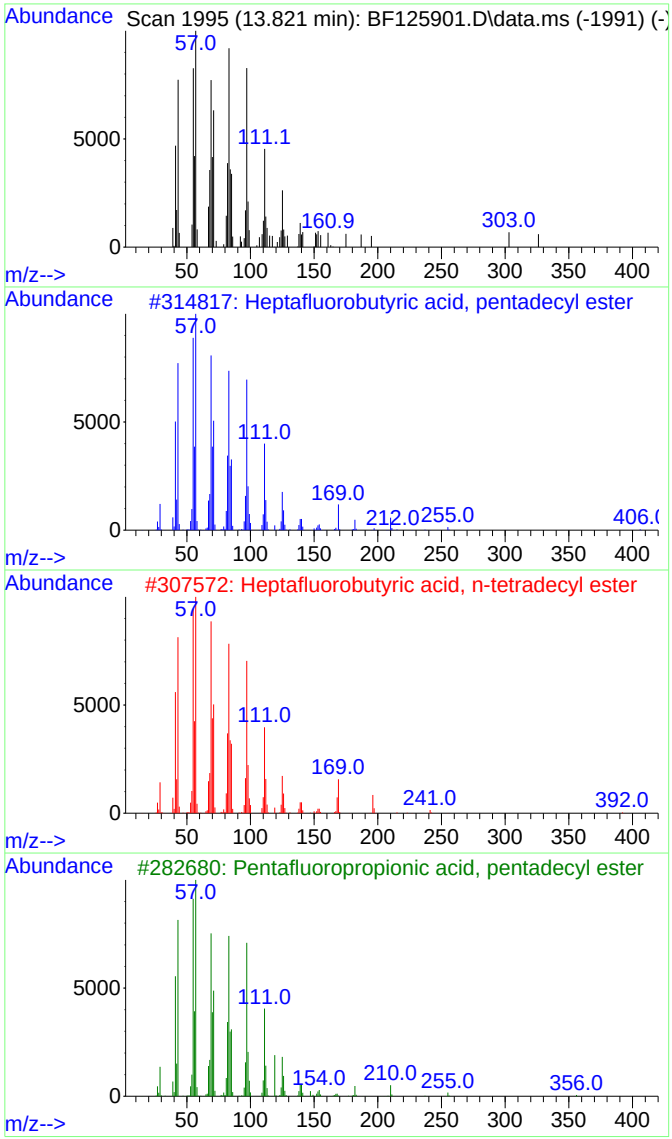
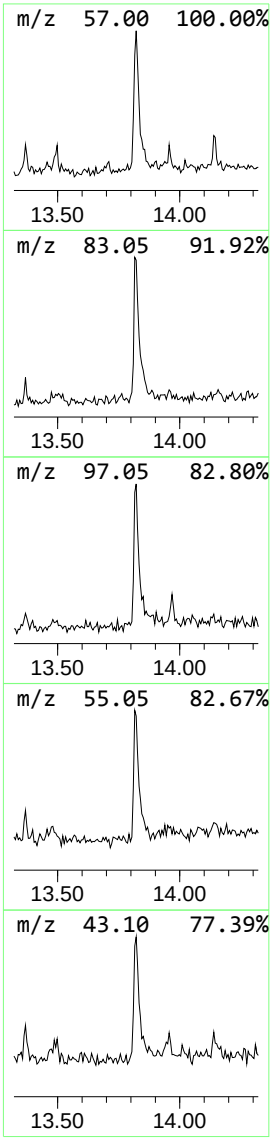
****
Peak Number 5 Heptafluorobutyric acid, pe... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.821	2.72 ng	126496	Chrysene-d12	13.974

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	95
2	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	95
3	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	95
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
5	1-Tetracosene	336	C24H48	010192-32-2	94





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethanol, 2-(2-b...	8.004	13.9	ng	744371	2	8.104	1071960	20.0
2,4,7,9-Tetrame...	9.292	4.2	ng	255382	3	9.857	1205160	20.0
2(3H)-Benzothia...	10.739	3.8	ng	203386	4	11.339	1070430	20.0
n-Hexadecanoic ...	11.863	2.2	ng	117171	4	11.339	1070430	20.0
Heptafluorobuty...	13.821	2.7	ng	126496	5	13.974	931793	20.0