LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103024\
Data File : BF140155.D
Acq On : 30 Oct 2024 14:14
Operator : RC/JU
Sample : P4611-10
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4

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-BF101824.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF140155.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.175	7	14	27	rVB	1144165	1797729	68.90%	8.940%
2	5.104	506	512	519	rVB	58066	92010	3.53%	0.458%
3	5.498	573	579	584	rBV	1543683	2028071	77.73%	10.085%
4	6.498	743	749	755	rBV	1526753	2143336	82.15%	10.658%
5	6.881	809	814	819	rBV	551788	671847	25.75%	3.341%
6	7.439	903	909	914	rBV	1131106	1455137	55.77%	7.236%
7	7.692	947	952	958	rBV	35252	43380	1.66%	0.216%
8	8.163	1026	1032	1037	rBV	700531	876907	33.61%	4.361%
9	9.239	1209	1215	1220	rBV	2026408	2609128	100.00%	12.975%
10	9.922	1325	1331	1336	rBV	784045	970324	37.19%	4.825%
11	10.275	1376	1391	1410	rBV2	47010	402732	15.44%	2.003%
12	10.639	1447	1453	1460	rVB	385593	495885	19.01%	2.466%
13	10.710	1460	1465	1479	rVB	1165309	1508538	57.82%	7.502%
14	10.945	1501	1505	1512	rVB	40586	52263	2.00%	0.260%
15	11.416	1579	1585	1590	rBV	729966	946418	36.27%	4.706%
16	11.945	1669	1675	1694	rBV	250009	424788	16.28%	2.112%
17	12.727	1805	1808	1817	rBV	52588	92328	3.54%	0.459%
18	13.004	1850	1855	1861	rBV	1673424	2207783	84.62%	10.979%
19	13.915	2006	2010	2030	rVV3	44010	136544	5.23%	0.679%
20	14.062	2030	2035	2054	rVB	431353	590592	22.64%	2.937%
21	15.568	2284	2291	2305	rVB	340300	563649	21.60%	2.803%

Sum of corrected areas: 20109389

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Instrument :
BNA_F
ClientSampleId :
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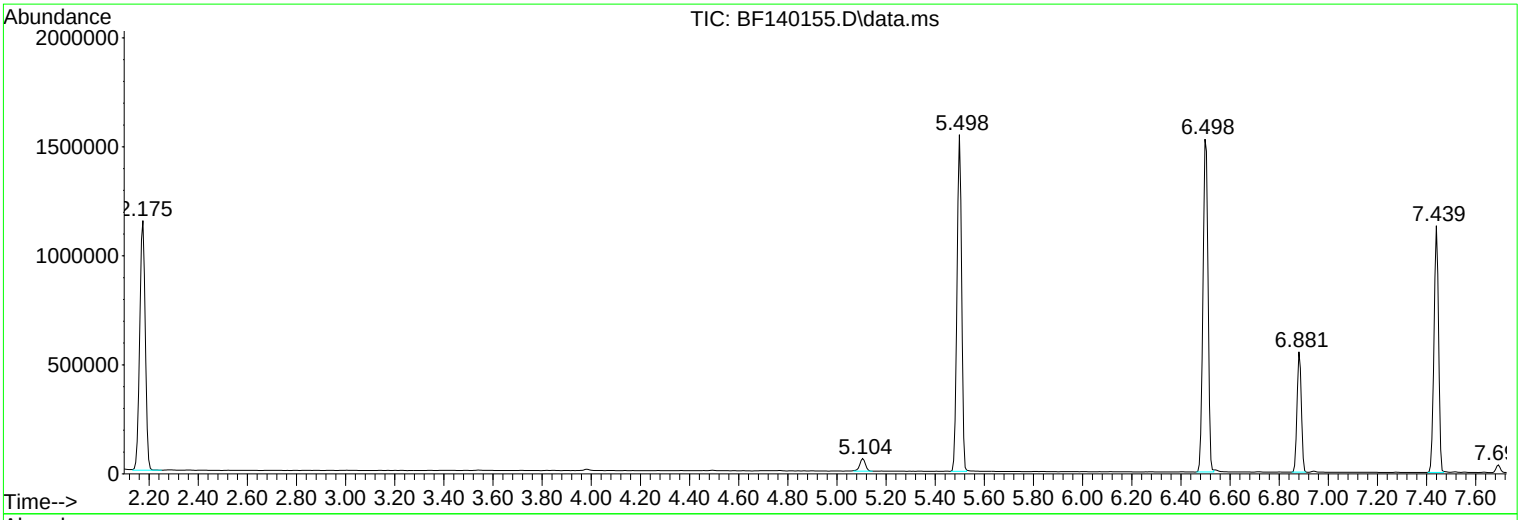
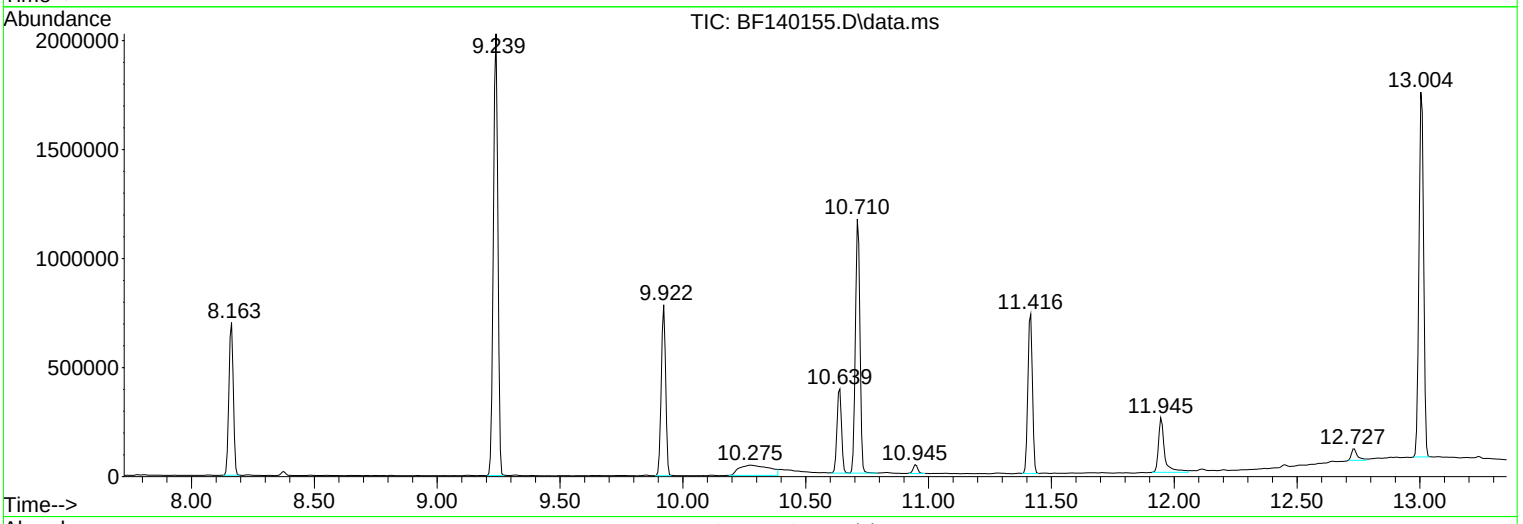
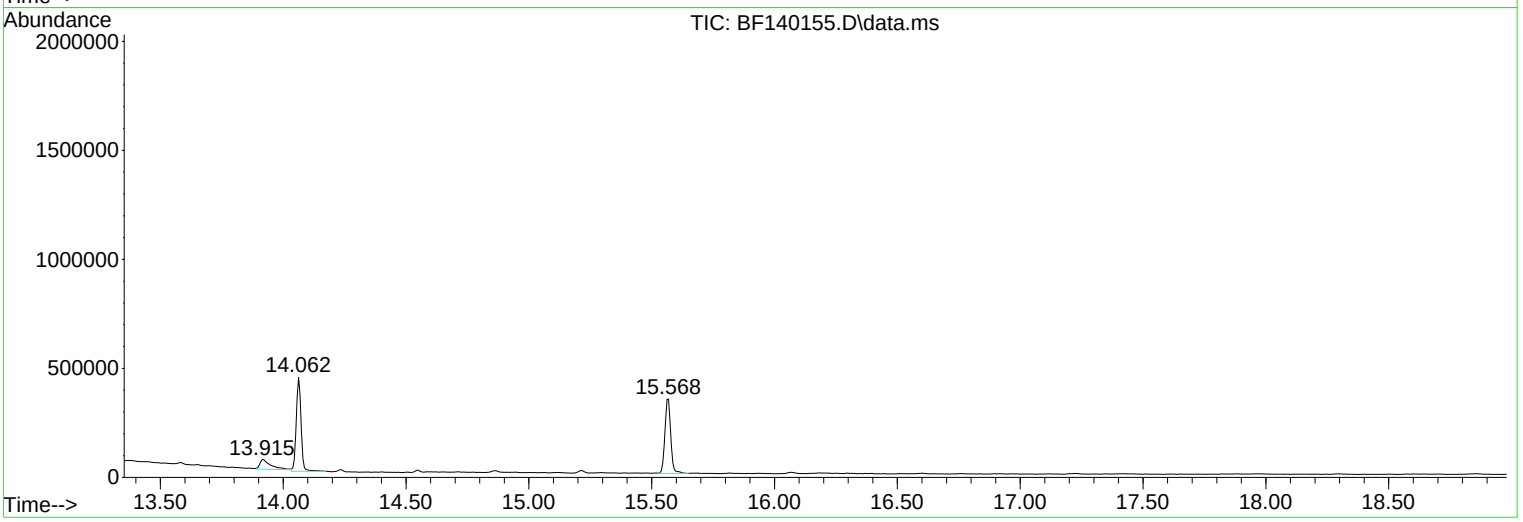
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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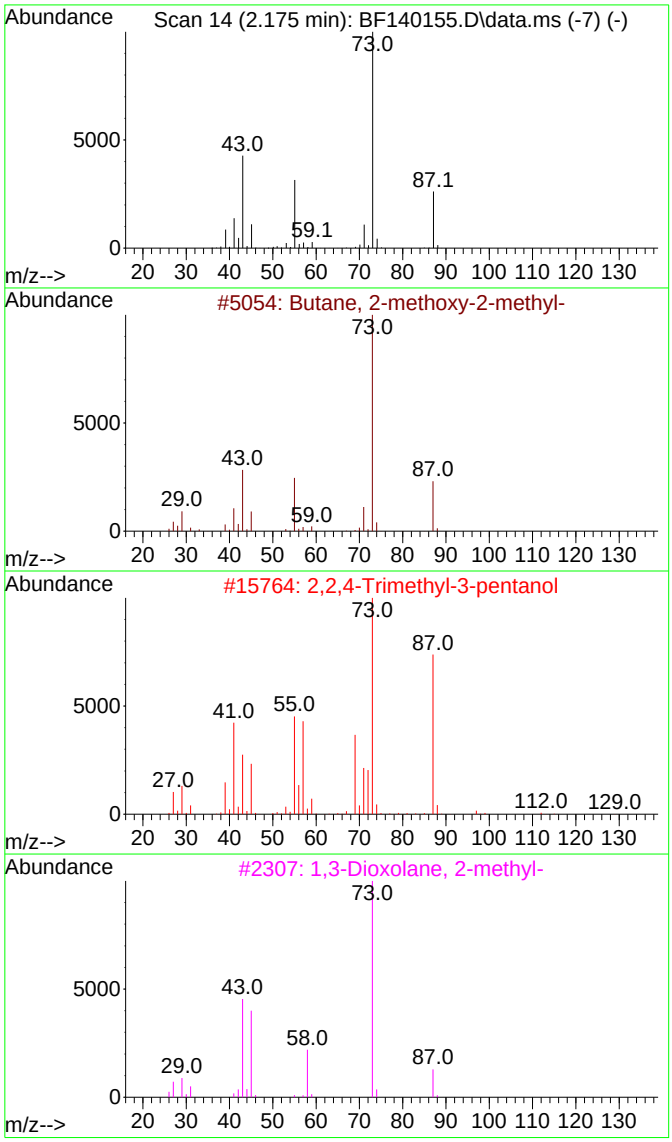
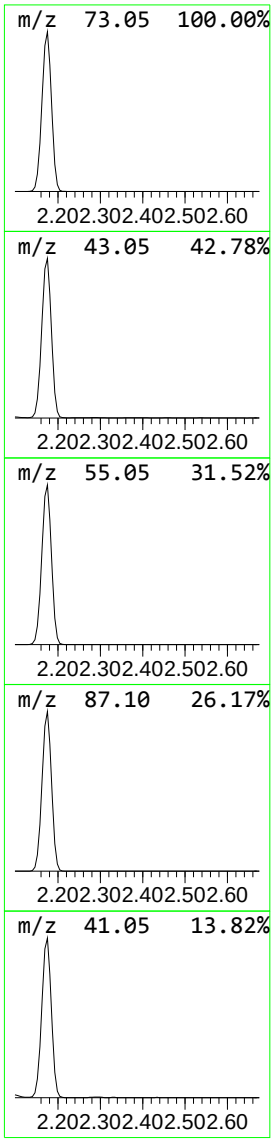
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.175	53.52 ng	1797730	1,4-Dichlorobenzene-d4	6.881

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	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





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Instrument :
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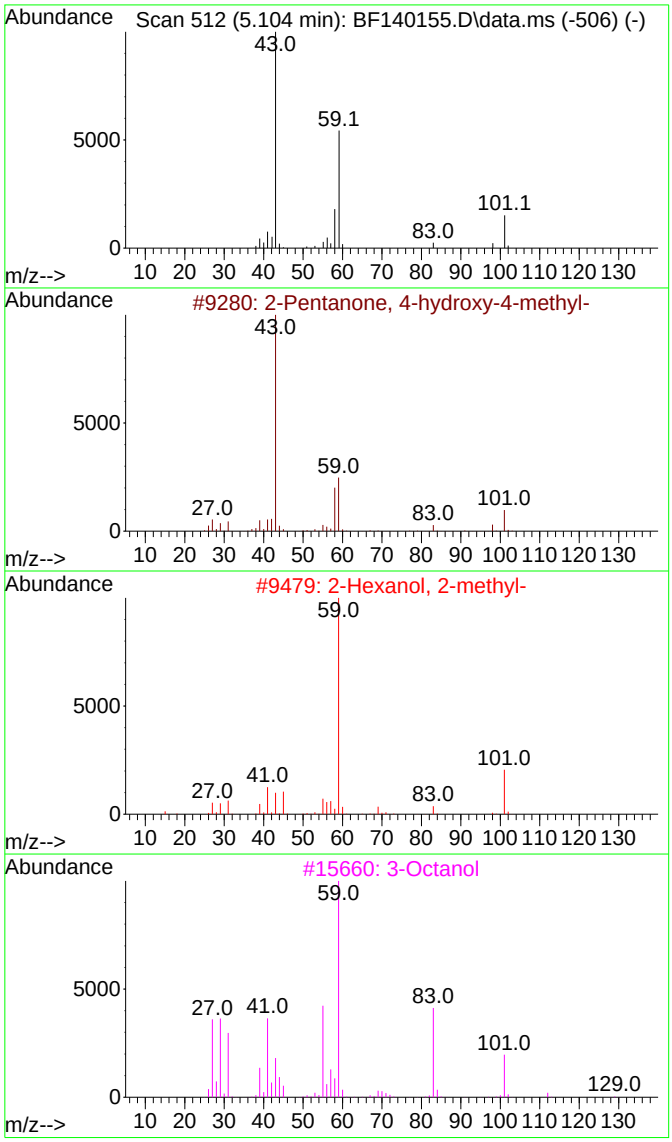
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

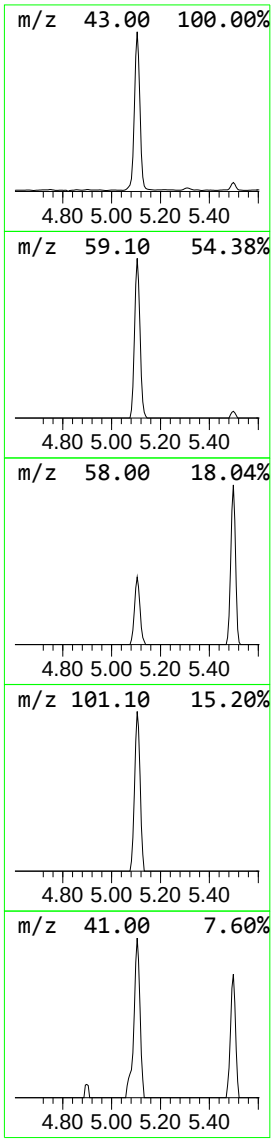
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.104	2.74 ng	92010	1,4-Dichlorobenzene-d4	6.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
3	3-Octanol	130	C8H18O	000589-98-0	33
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





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Data File : BF140155.D
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Operator : RC/JU
Sample : P4611-10
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
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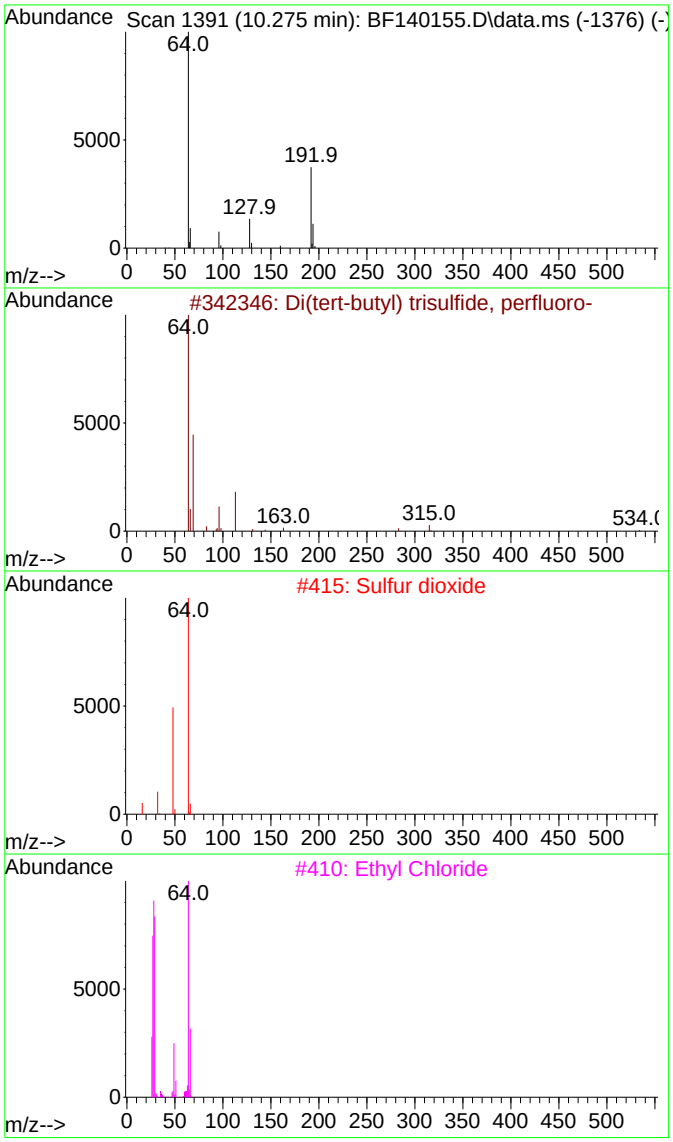
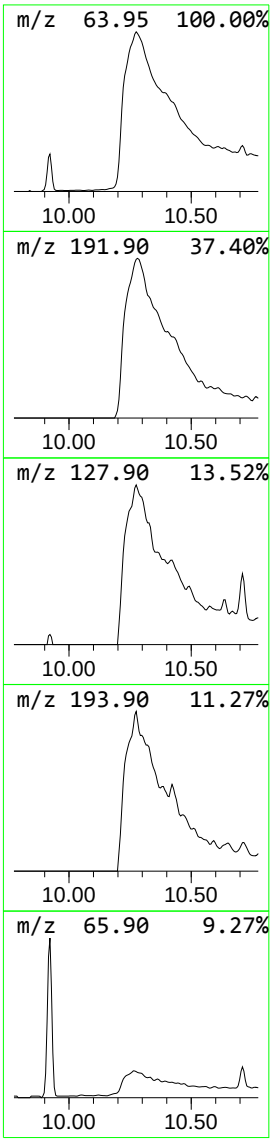
****

Peak Number 3 unknown10.275 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.275	8.30 ng	402732	Acenaphthene-d10	9.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Di(tert-butyl) trisulfide, perfl...	534	C8F18S3	016005-64-4	9
2	Sulfur dioxide	64	O2S	007446-09-5	4
3	Ethyl Chloride	64	C2H5Cl	000075-00-3	4
4	Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	4
5	Hexathiane	192	S6	013798-23-7	4





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Instrument :
BNA_F
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TIC Library : C:\Database\NIST20.L
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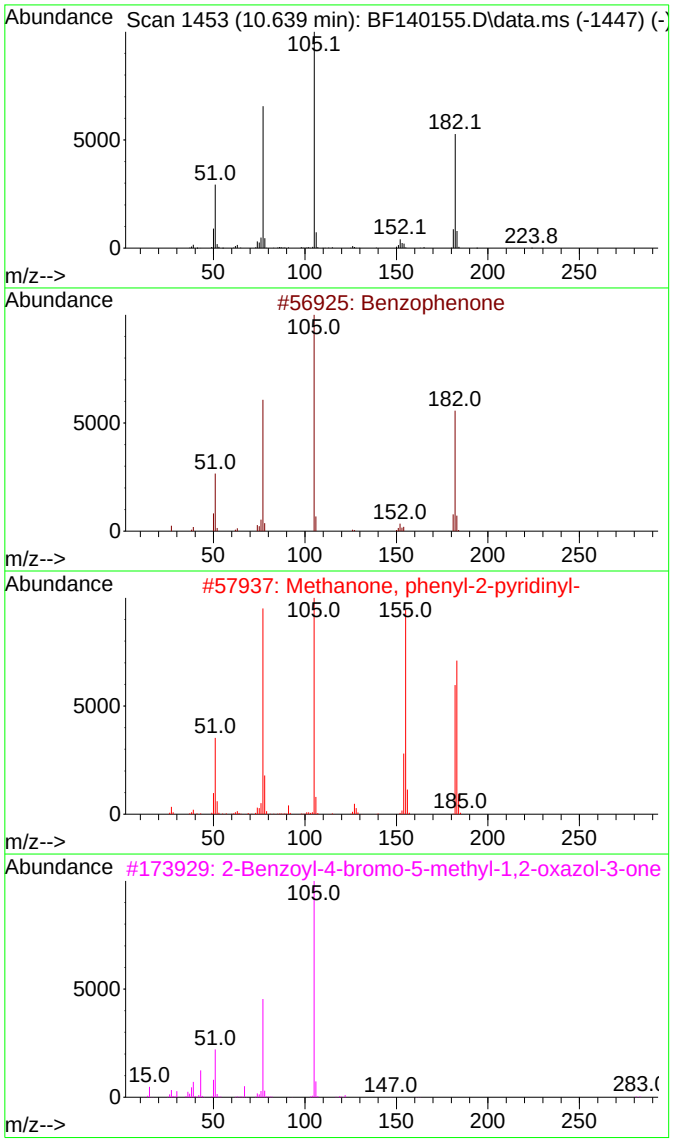
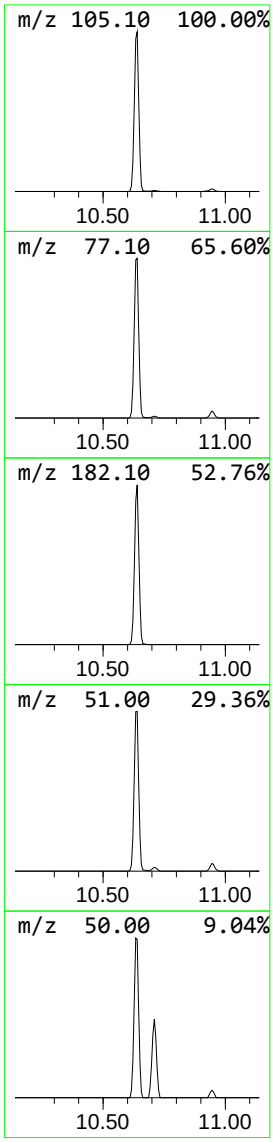
****

Peak Number 4 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.639	10.22 ng	495885	Acenaphthene-d10	9.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	78
3	2-Benzoyl-4-bromo-5-methyl-1,2-o...	281	C11H8BrNO3	1000444-92-3	50
4	Azobenzene, (E)-	182	C12H10N2	017082-12-1	50
5	2-Phenyl-4-ethylidene-2-oxazolin...	187	C11H9NO2	037791-41-6	50





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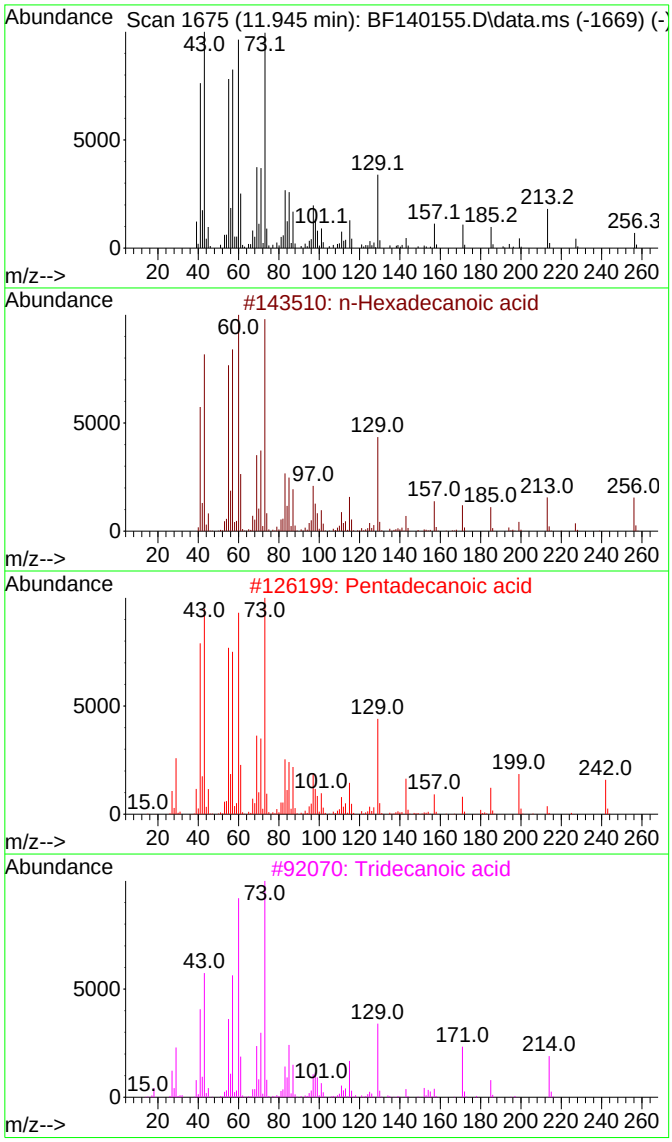
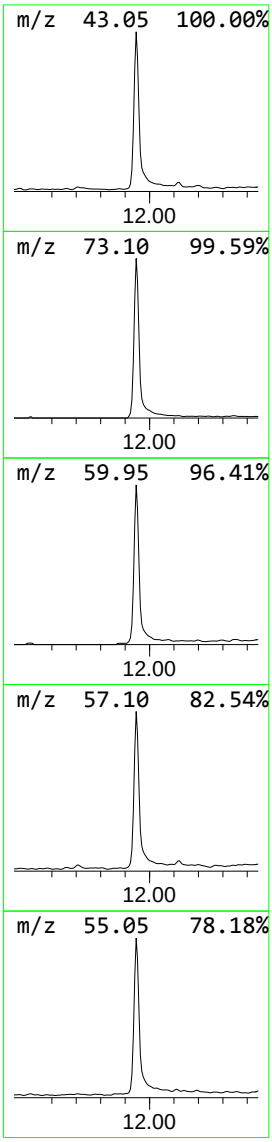
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	8.98 ng	424788	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	76
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Dodecanoic acid	200	C12H24O2	000143-07-7	59





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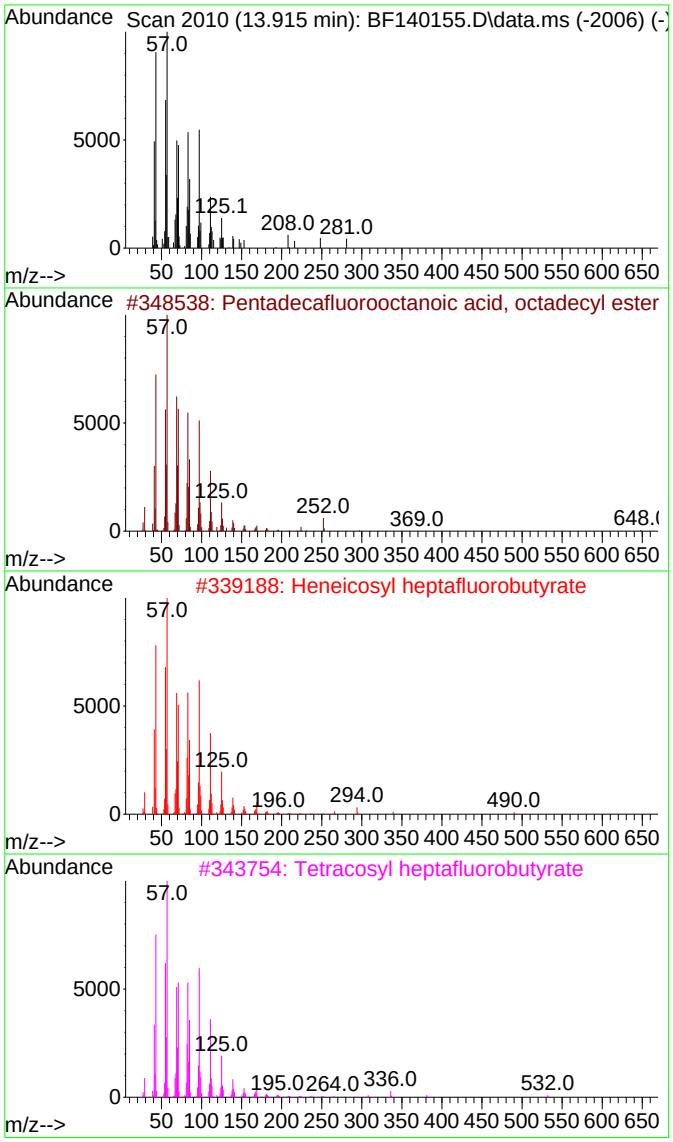
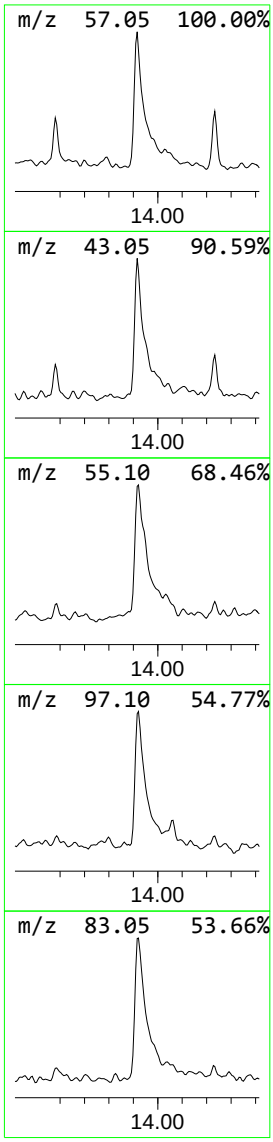
****
Peak Number 6 Pentadecafluorooctanoic aci... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.916	4.62 ng	136544	Chrysene-d12	14.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	90
2	Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	87
3	Tetracosyl heptafluorobutyrate	550	C28H49F7O2	1000351-83-7	87
4	Octacosyl propyl ether	452	C31H64O	1000406-28-5	87
5	Tricosyl pentafluoropropionate	486	C26H47F5O2	1000351-81-0	87





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
Butane, 2-metho...	2.175	53.5	ng	1797730	1	6.881	671847	20.0
2-Pentanone, 4-...	5.104	2.7	ng	92010	1	6.881	671847	20.0
unknown10.275	10.275	8.3	ng	402732	3	9.922	970324	20.0
Benzophenone	10.639	10.2	ng	495885	3	9.922	970324	20.0
n-Hexadecanoic ...	11.945	9.0	ng	424788	4	11.416	946418	20.0
Pentadecafluoro...	13.916	4.6	ng	136544	5	14.063	590592	20.0