LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102424\
Data File : BF140011.D
Acq On : 24 Oct 2024 20:08
Operator : RC/JU
Sample : P4471-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-180-SB01

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: BF140011.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.187	8	16	26	rVB	879577	1399066	61.79%	8.632%
2	5.116	506	514	525	rVB	83721	135040	5.96%	0.833%
3	5.504	574	580	585	rBV	1433613	1915455	84.60%	11.818%
4	6.504	744	750	756	rBV	1374639	1903204	84.06%	11.742%
5	6.886	810	815	820	rBV	418428	513151	22.66%	3.166%
6	7.445	904	910	915	rBV	985876	1293053	57.11%	7.978%
7	8.169	1028	1033	1038	rBV	534957	654773	28.92%	4.040%
8	9.245	1210	1216	1227	rBV	1754191	2264133	100.00%	13.969%
9	9.922	1326	1331	1347	rVB	577623	732588	32.36%	4.520%
10	10.633	1447	1452	1460	rBV	140896	180615	7.98%	1.114%
11	10.710	1460	1465	1482	rVV	1011179	1293578	57.13%	7.981%
12	11.410	1579	1584	1592	rBV	550615	746590	32.97%	4.606%
13	11.480	1592	1596	1600	rVB2	25021	31705	1.40%	0.196%
14	11.933	1665	1673	1685	rBV3	148107	238617	10.54%	1.472%
15	12.021	1685	1688	1698	rVB3	11108	23650	1.04%	0.146%
16	12.621	1785	1790	1797	rBV	51815	67796	2.99%	0.418%
17	12.715	1802	1806	1814	rBV3	20407	32628	1.44%	0.201%
18	12.851	1823	1829	1834	rVB	42216	60998	2.69%	0.376%
19	12.992	1848	1853	1863	rVB	1247751	1632736	72.11%	10.073%
20	13.904	2002	2008	2022	rBV4	34237	95182	4.20%	0.587%
21	14.045	2027	2032	2044	rVB	322150	469611	20.74%	2.897%
22	15.092	2206	2210	2219	rVB	13947	33151	1.46%	0.205%
23	15.527	2278	2284	2300	rVB	306034	491092	21.69%	3.030%

Sum of corrected areas: 16208412

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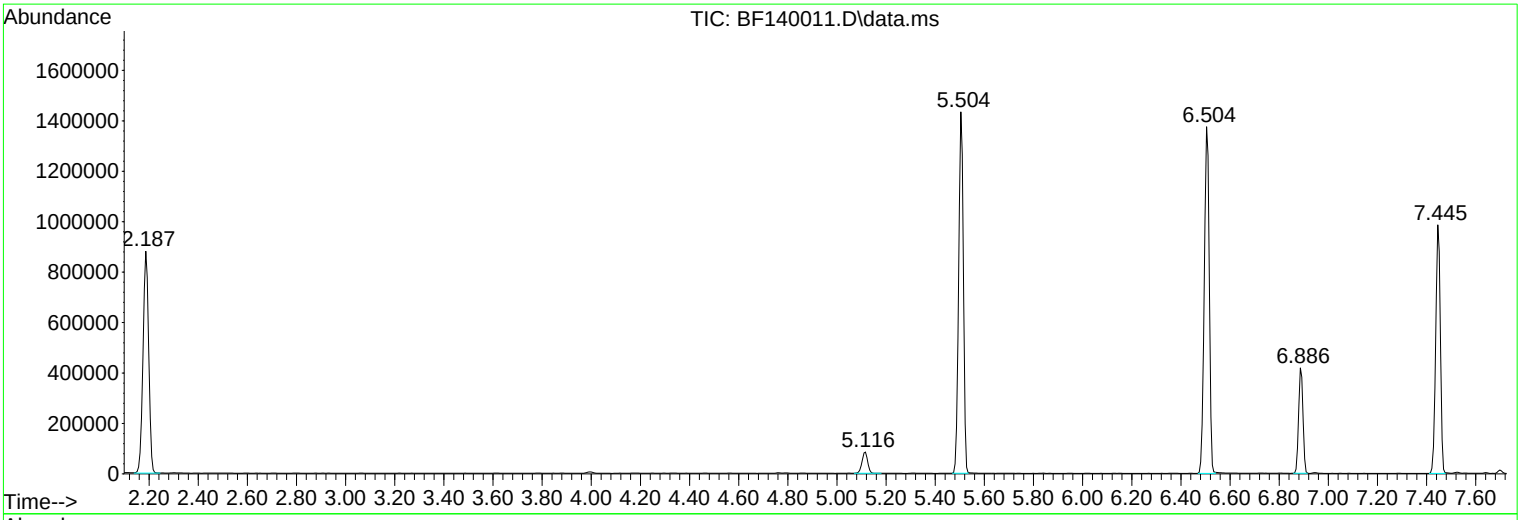
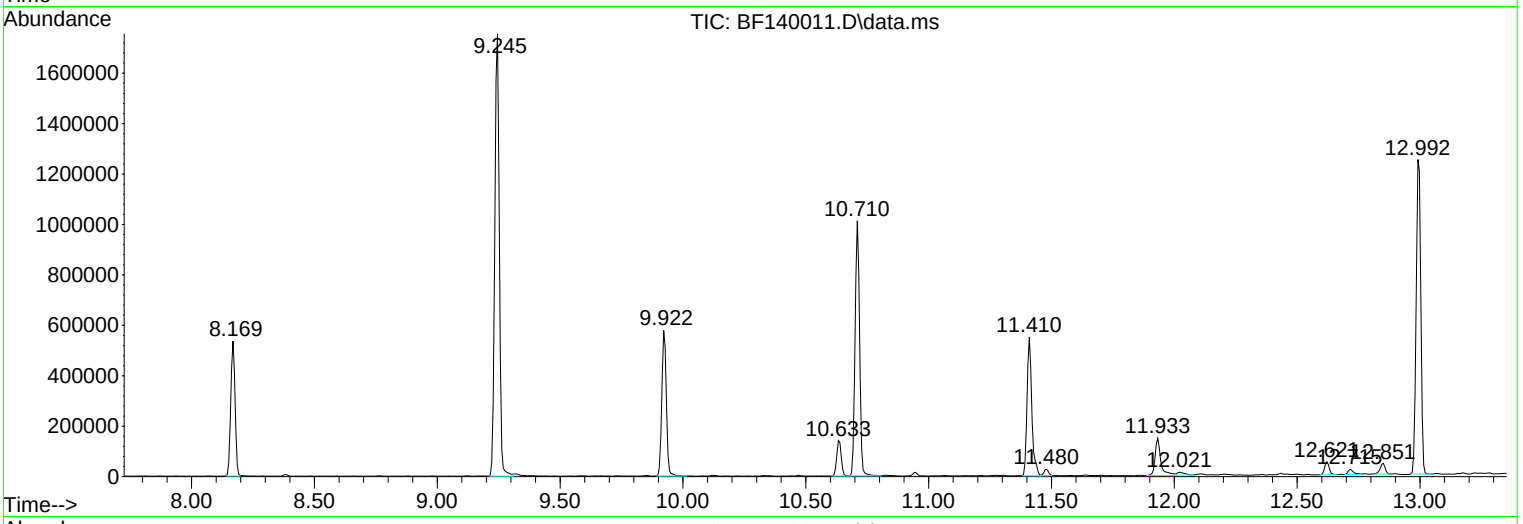
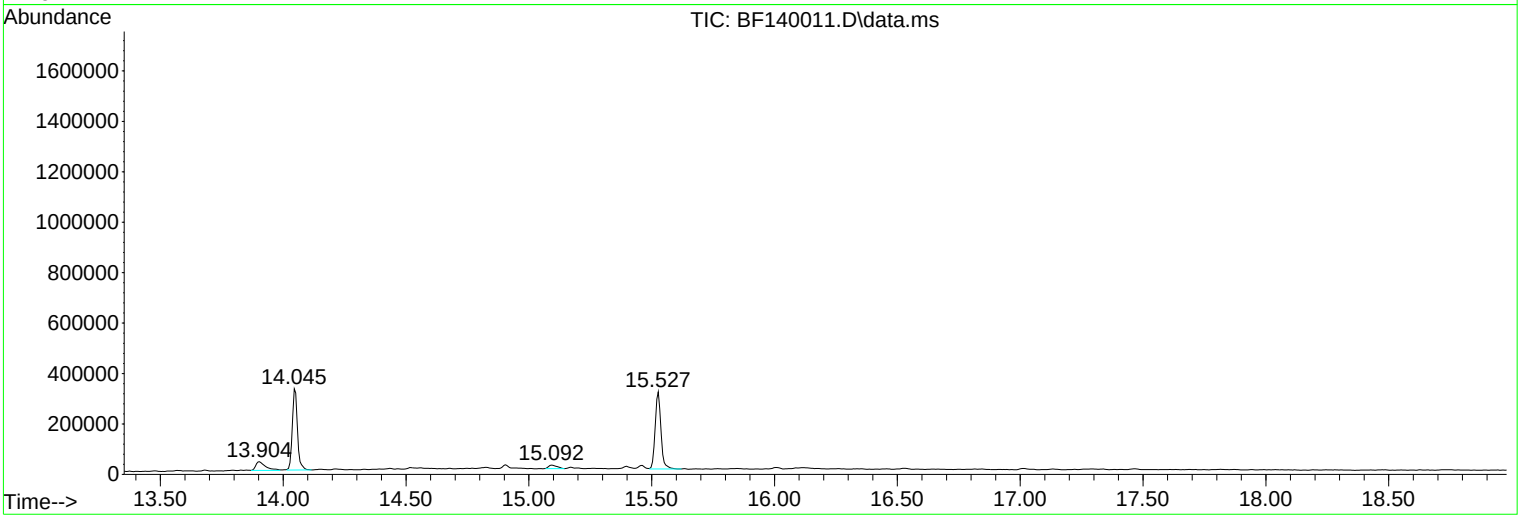
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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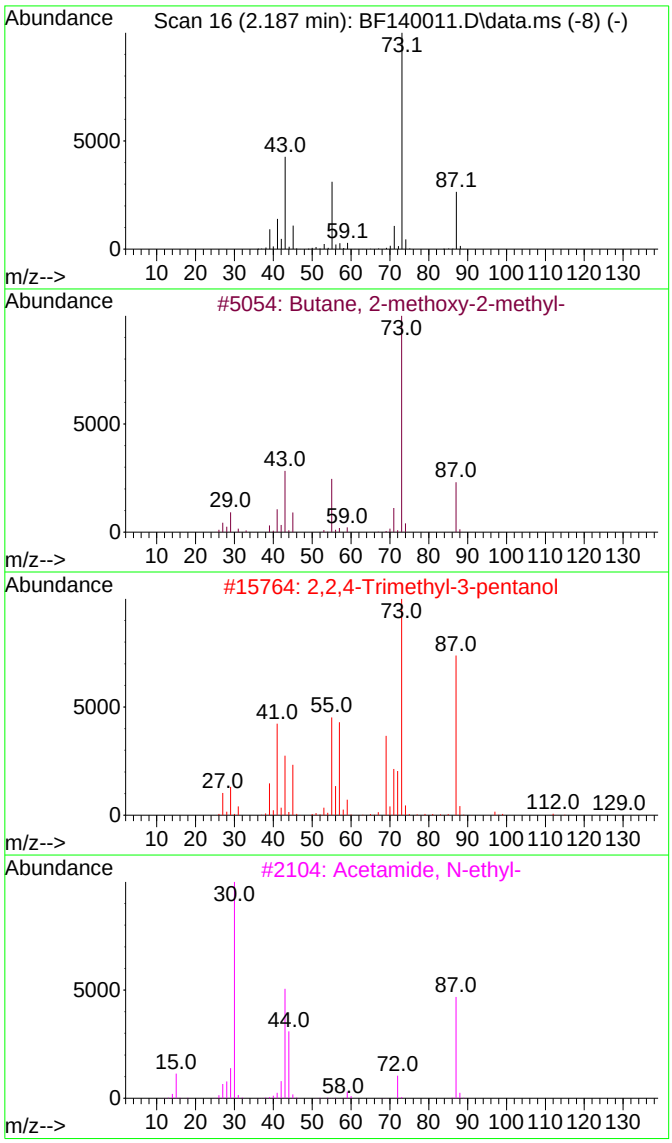
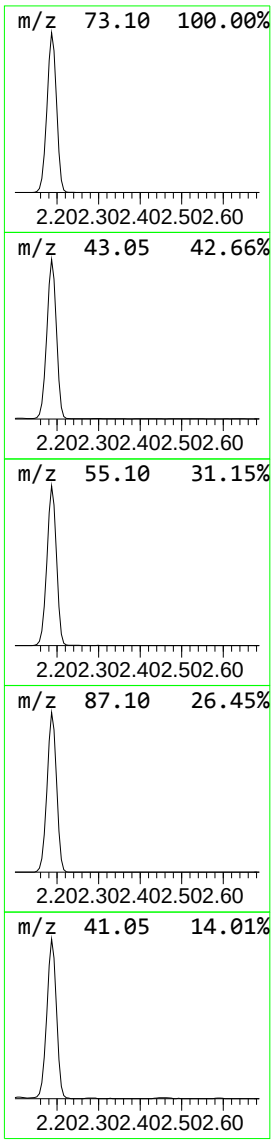
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.187	54.53 ng	1399070	1,4-Dichlorobenzene-d4	6.886

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	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
4	Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	17
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





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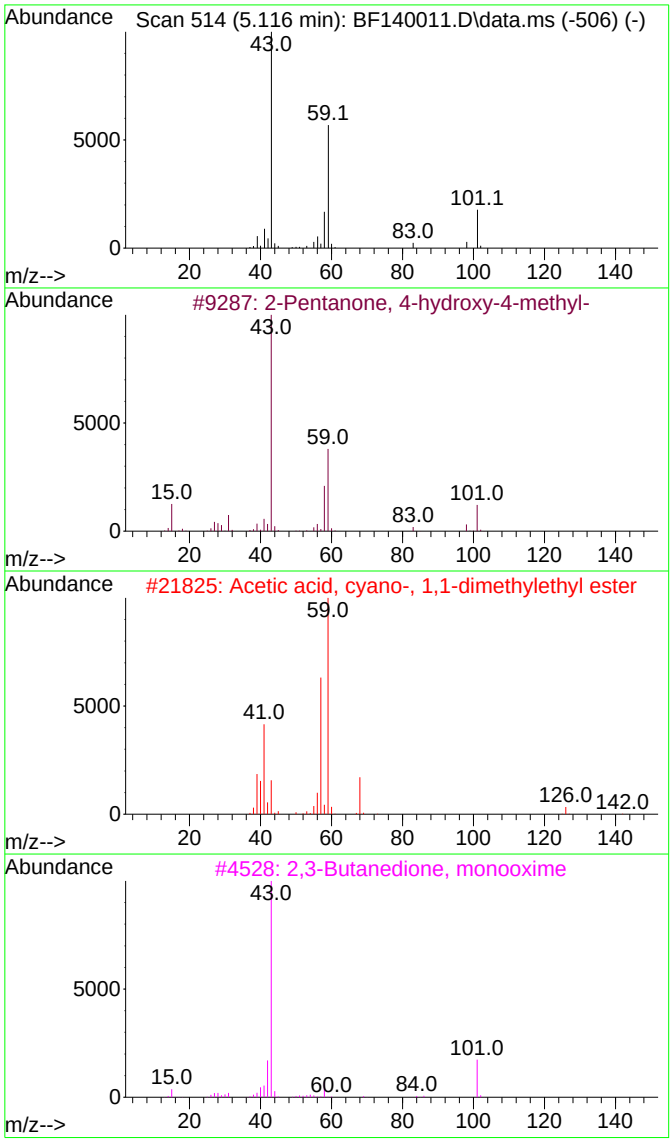
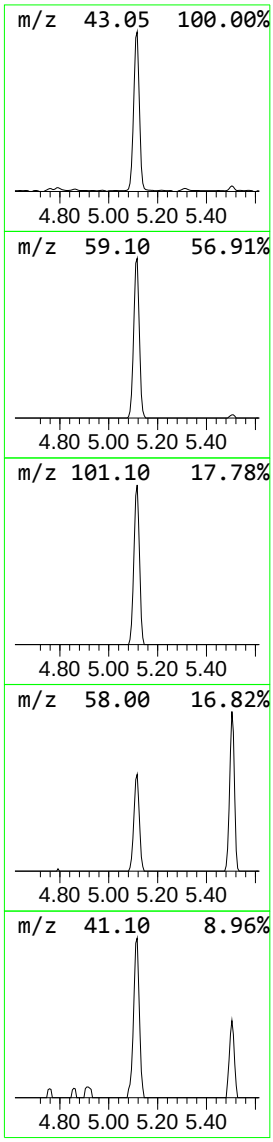
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.116	5.26 ng	135040	1,4-Dichlorobenzene-d4	6.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	37
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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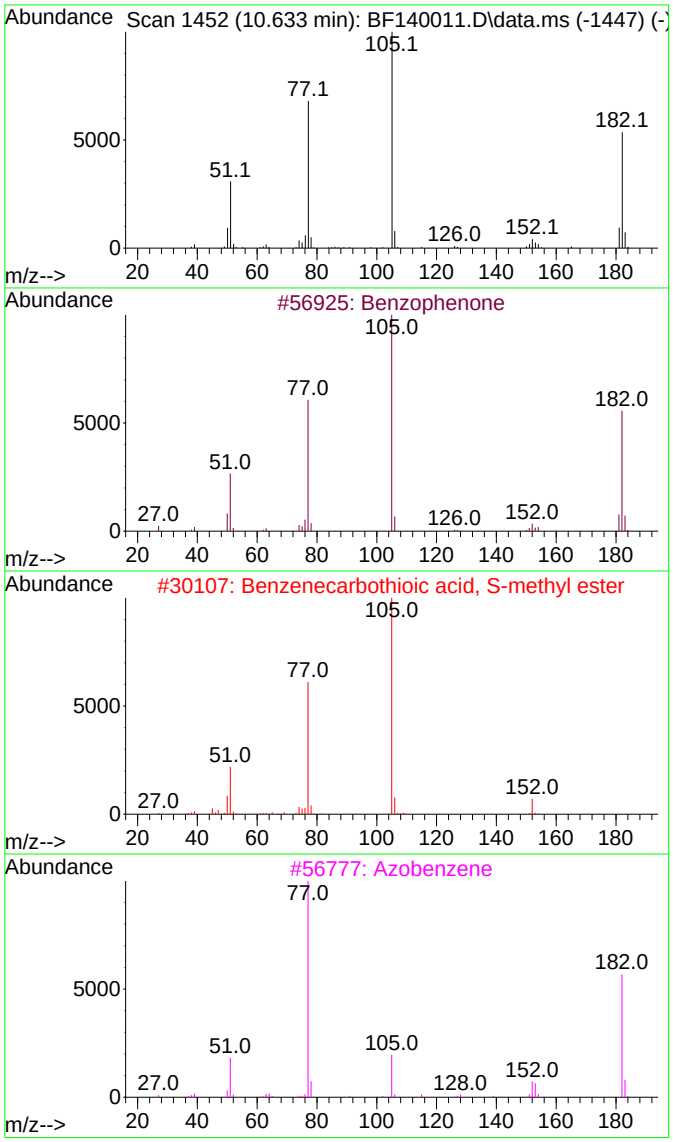
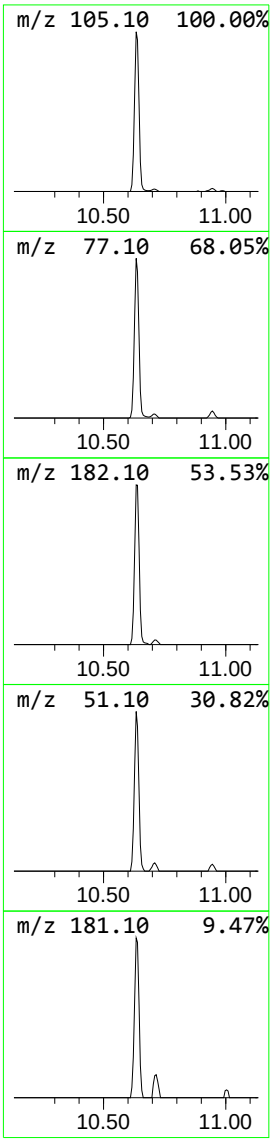
Peak Number 3 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.633	4.93 ng	180615	Acenaphthene-d10	9.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	52
3	Azobenzene	182	C12H10N2	000103-33-3	52
4	Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	49
5	1,2-Propanedione, 1-phenyl-	148	C9H8O2	000579-07-7	47





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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
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TIC Integration Parameters: LSCINT.P

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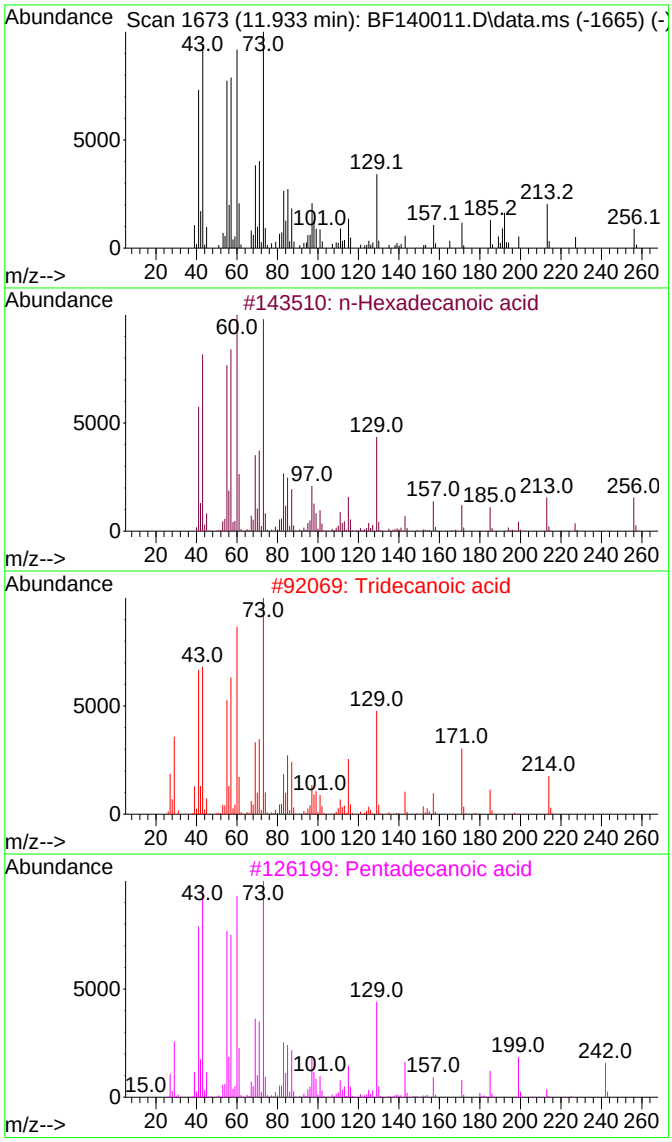
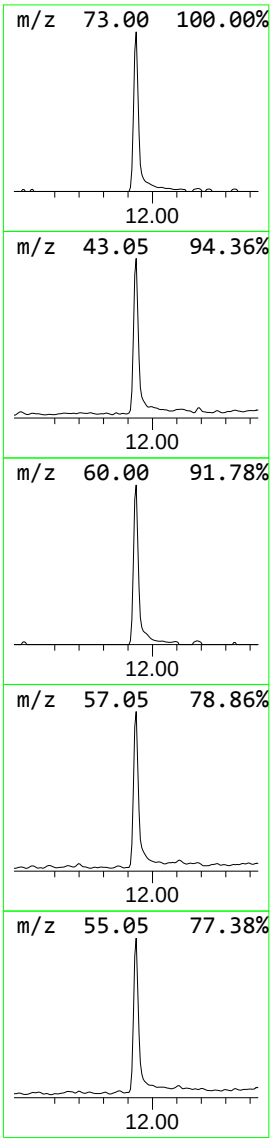
Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	6.39 ng	238617	Phenanthrene-d10	11.410

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	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	8-Methylnonanoic acid	172	C10H20O2	005963-14-4	78
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	68





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Misc :
ALS Vial : 12 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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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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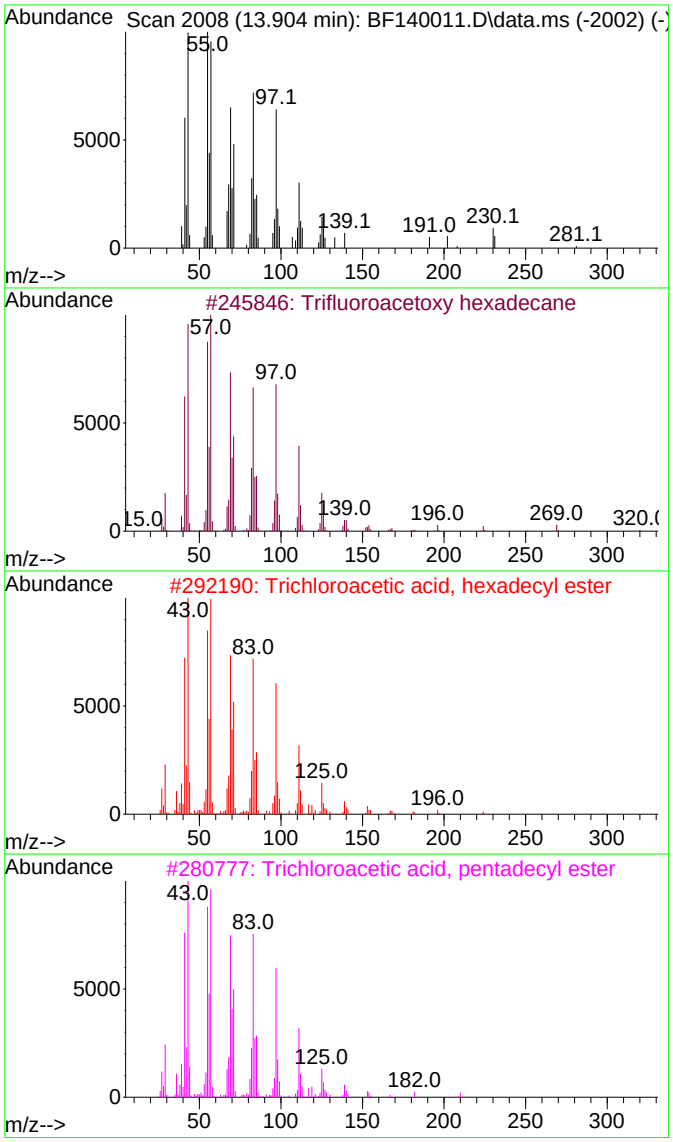
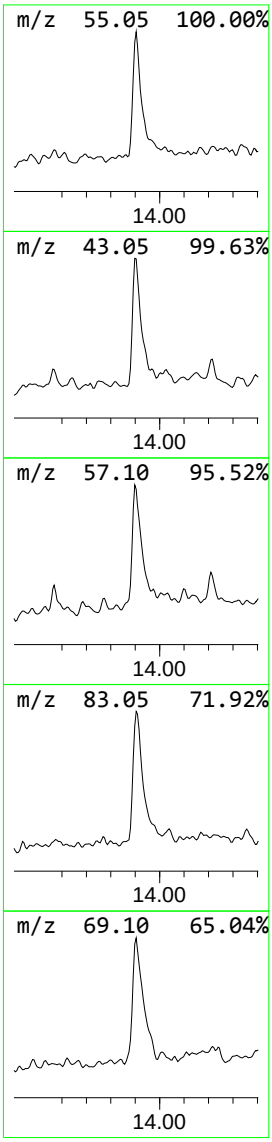
Peak Number 6 Trifluoroacetoxy hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.904	4.05 ng	95182	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	95
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
3	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93
5	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	91





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.187	54.5	ng	1399070	1	6.886	513151	20.0
2-Pentanone, 4-...	5.116	5.3	ng	135040	1	6.886	513151	20.0
Benzophenone	10.633	4.9	ng	180615	3	9.922	732588	20.0
n-Hexadecanoic ...	11.933	6.4	ng	238617	4	11.410	746590	20.0
Trifluoroacetox...	13.904	4.0	ng	95182	5	14.045	469611	20.0