LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103124\
Data File : BF140197.D
Acq On : 31 Oct 2024 18:47
Operator : RC/JU
Sample : P4643-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-9

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: BF140197.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.163	5	12	20	rVB	1391411	2175772	87.36%	10.801%
2	5.110	508	513	518	rVB	25435	41582	1.67%	0.206%
3	5.499	573	579	585	rBV	1669911	2241411	90.00%	11.127%
4	6.504	744	750	759	rBV	1750231	2371319	95.22%	11.772%
5	6.881	809	814	820	rVB	581799	743653	29.86%	3.692%
6	7.440	903	909	915	rBV	1148887	1538748	61.79%	7.639%
7	7.693	948	952	959	rVB	34035	42842	1.72%	0.213%
8	8.163	1027	1032	1037	rBV	775013	957063	38.43%	4.751%
9	8.375	1064	1068	1077	rVB2	20683	28084	1.13%	0.139%
10	9.239	1209	1215	1220	rBV	1992405	2490451	100.00%	12.363%
11	9.922	1326	1331	1336	rBV	789373	991325	39.81%	4.921%
12	10.639	1447	1453	1460	rBV	319676	395985	15.90%	1.966%
13	10.716	1460	1466	1479	rVV	1028645	1365634	54.83%	6.779%
14	10.951	1497	1506	1513	rBV	53957	73661	2.96%	0.366%
15	11.416	1580	1585	1593	rBV	692368	897726	36.05%	4.457%
16	11.486	1593	1597	1601	rVB3	25980	32617	1.31%	0.162%
17	11.945	1666	1675	1687	rBV	247431	394841	15.85%	1.960%
18	12.445	1755	1760	1766	rVB	17957	25309	1.02%	0.126%
19	12.639	1788	1793	1803	rBV5	10188	28386	1.14%	0.141%
20	12.733	1804	1809	1822	rBV	61185	116567	4.68%	0.579%
21	13.010	1850	1856	1861	rBV	1436351	1847588	74.19%	9.172%
22	13.916	2005	2010	2021	rBV	75142	164988	6.62%	0.819%
23	14.069	2030	2036	2046	rBV	471658	621624	24.96%	3.086%
24	14.845	2164	2168	2175	rBV4	29459	66700	2.68%	0.331%
25	14.939	2181	2184	2190	rVB	21986	31479	1.26%	0.156%
26	15.568	2286	2291	2305	rVB	267854	458316	18.40%	2.275%

Sum of corrected areas: 20143671

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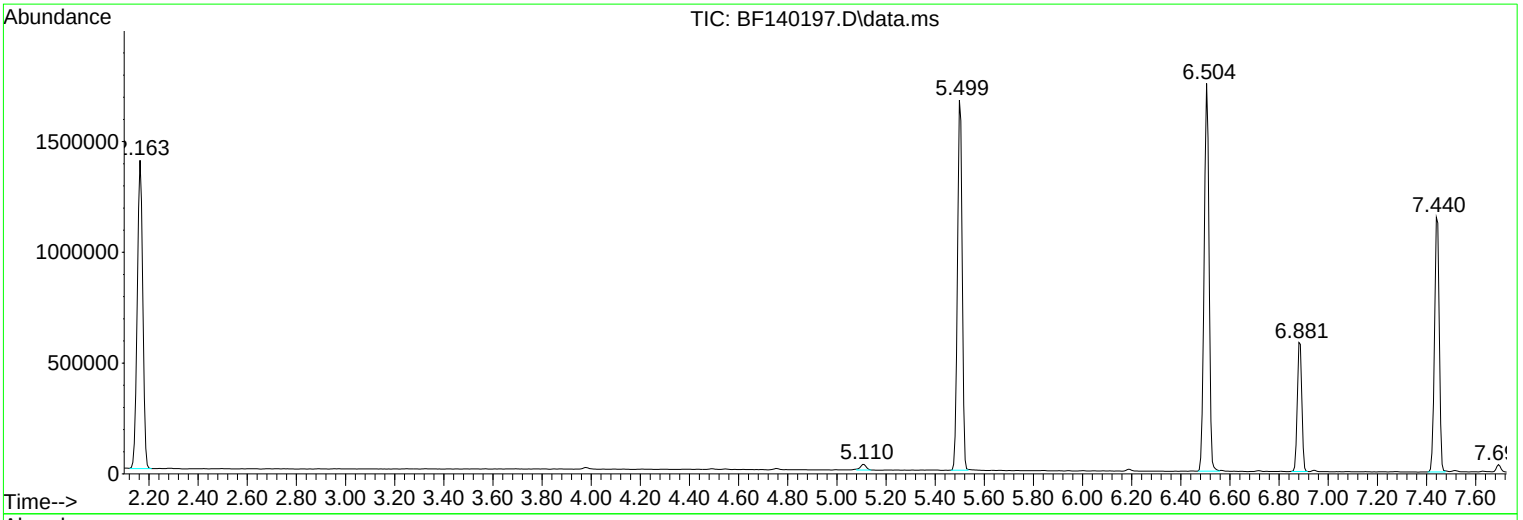
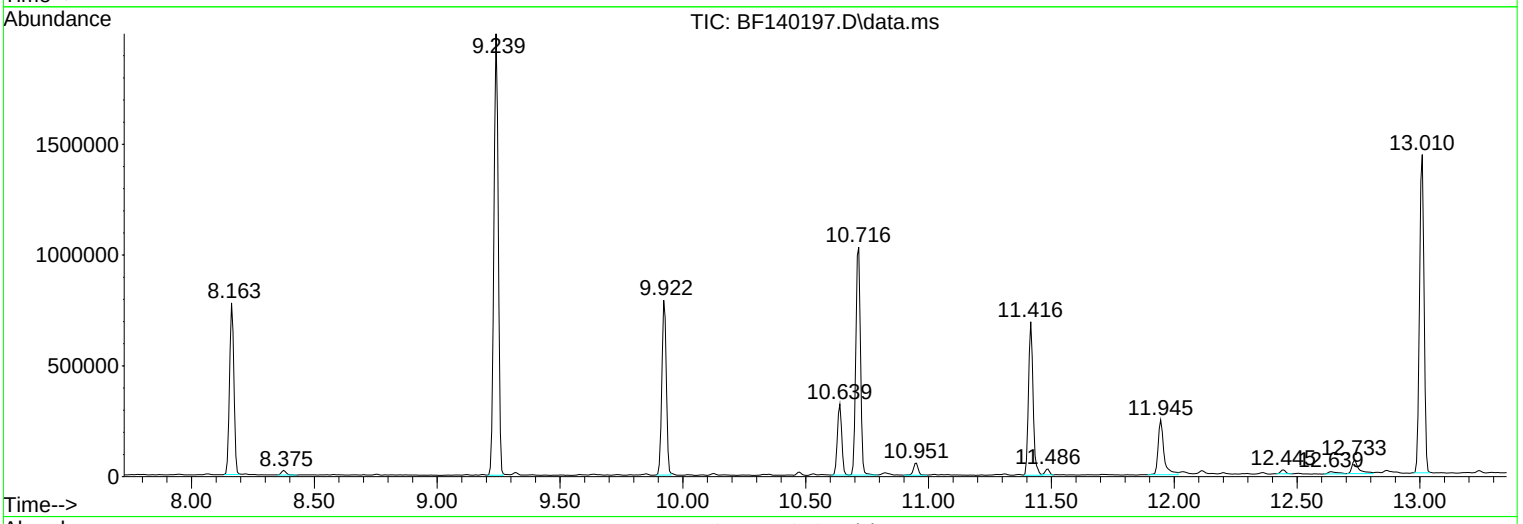
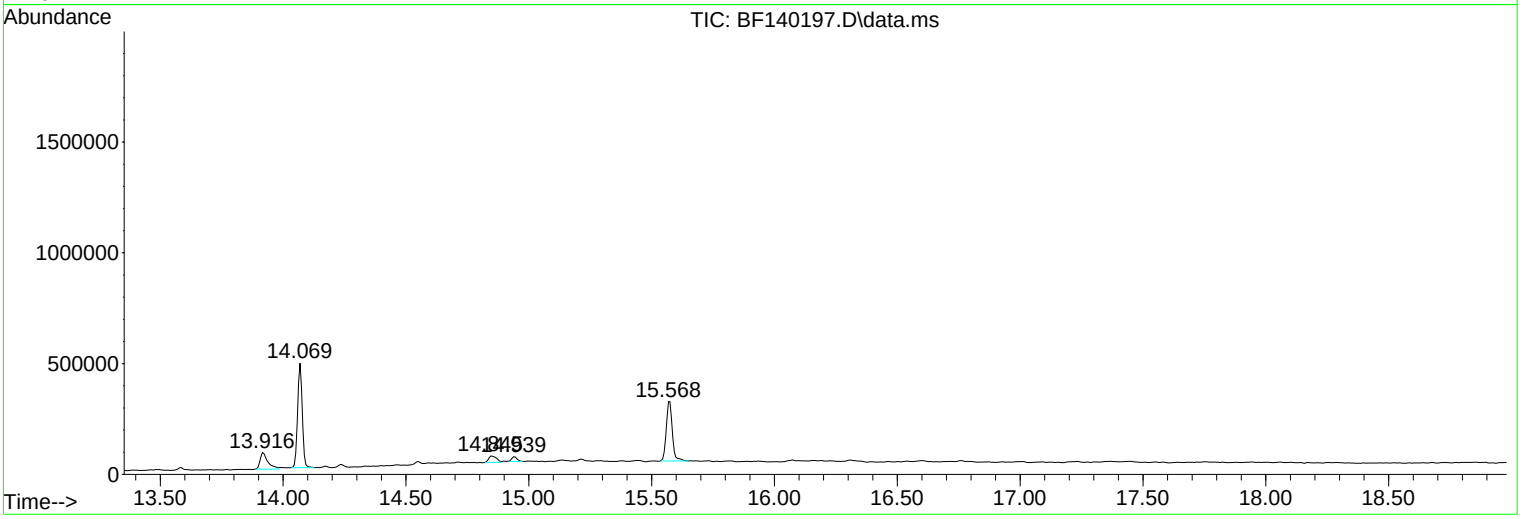
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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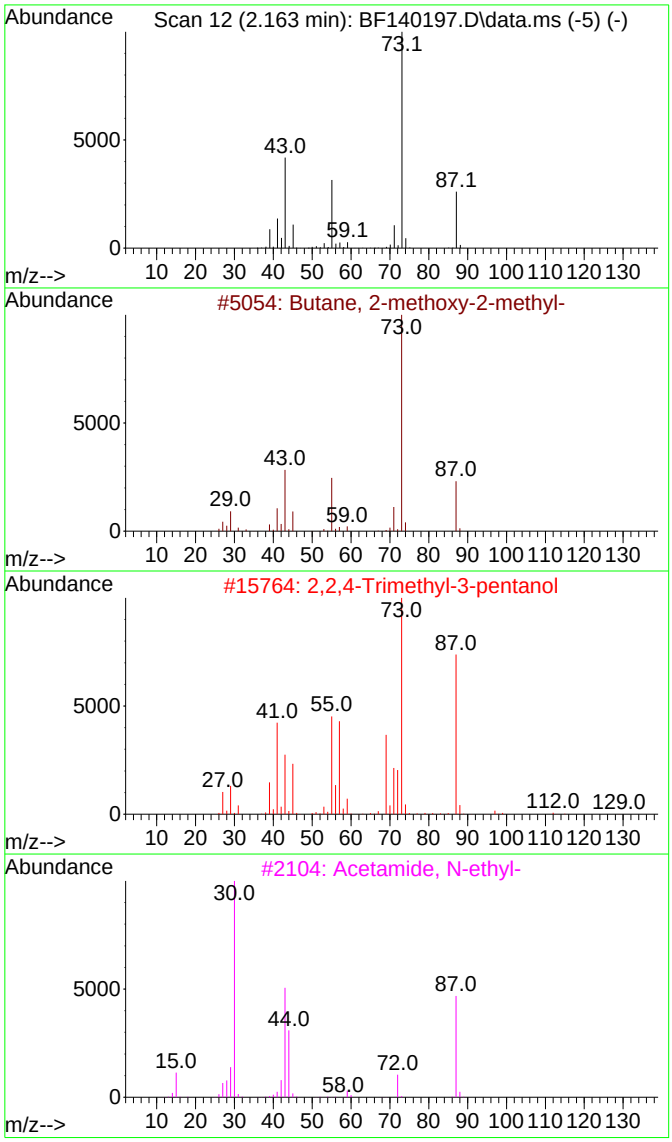
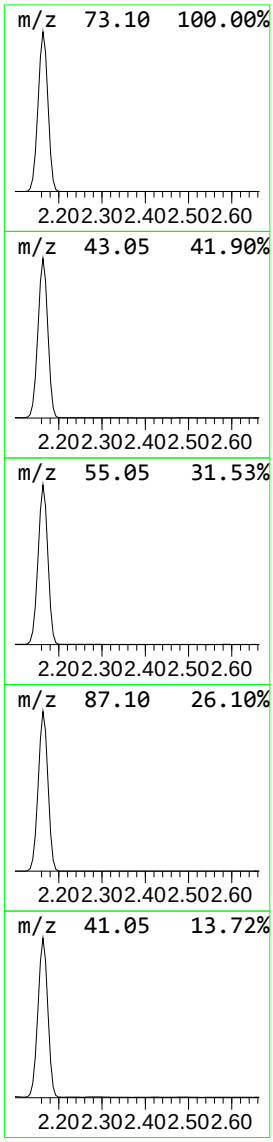
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.163	58.52 ng	2175770	1,4-Dichlorobenzene-d4	6.887

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	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	27
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5	Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	17





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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
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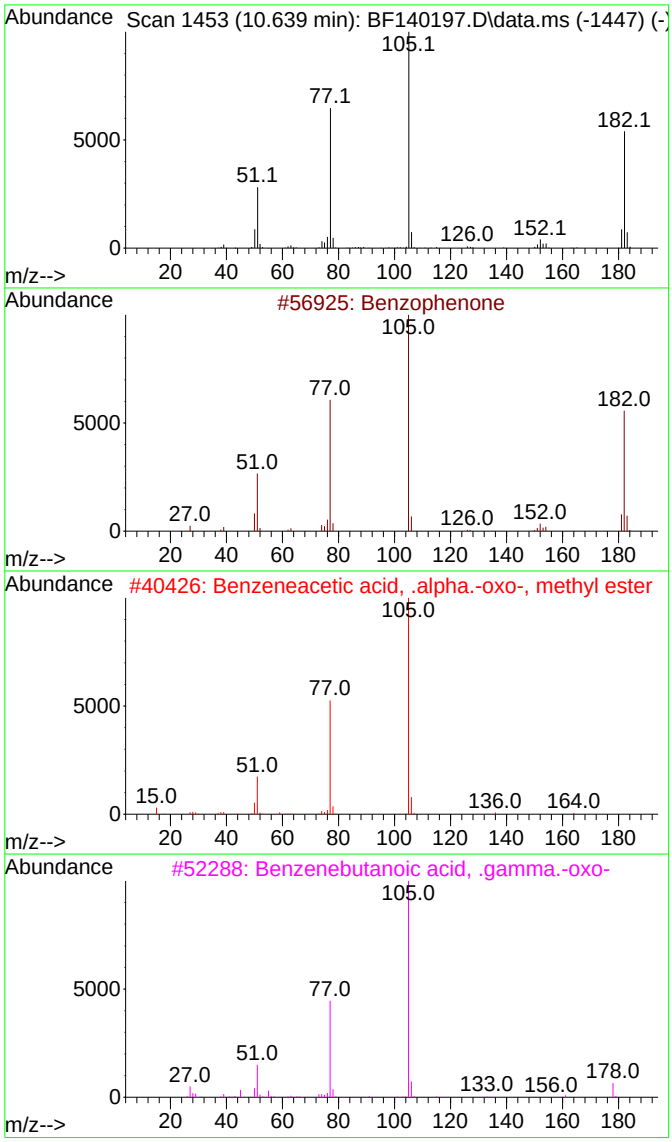
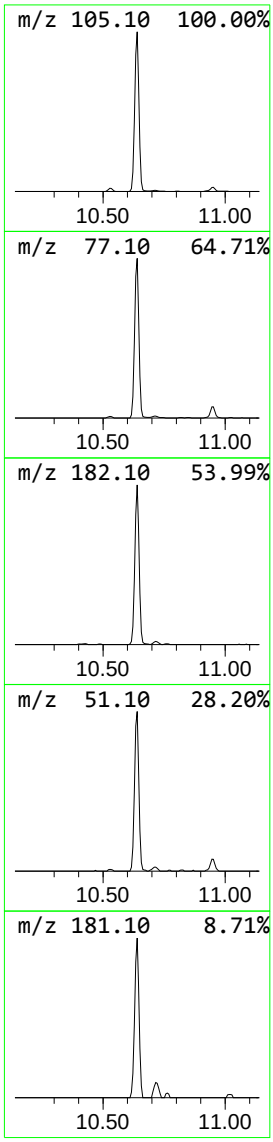
Peak Number 2 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.639	7.99 ng	395985	Acenaphthene-d10	9.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzeneacetic acid, .alpha.-oxo-...	164	C9H8O3	015206-55-0	49
3	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47
4	Vinyl benzoate	148	C9H8O2	000769-78-8	47
5	Pentafluoroethyl phenyl ketone	224	C9H5F5O	000394-52-5	47





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Sample : P4643-09
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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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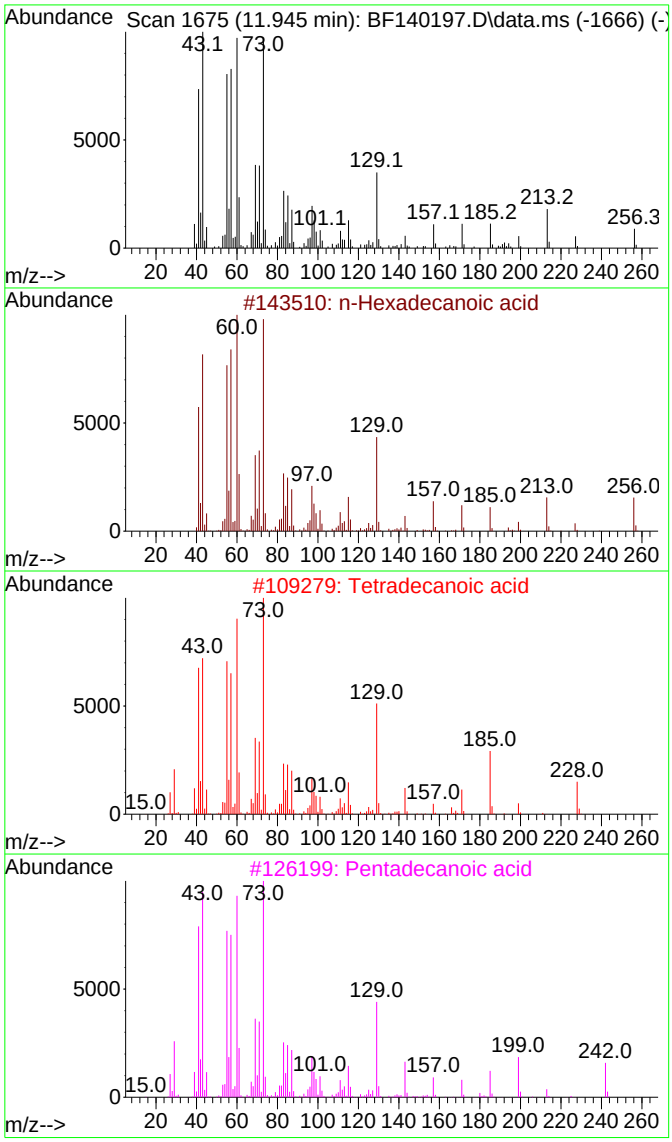
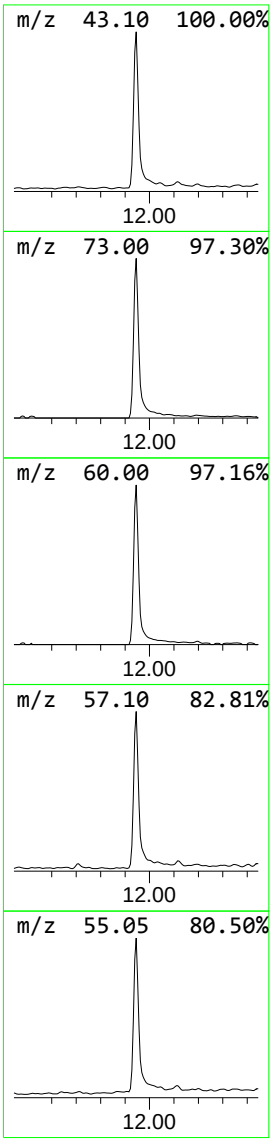
Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	8.80 ng	394841	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tridecanoic acid	214	C13H26O2	000638-53-9	89
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





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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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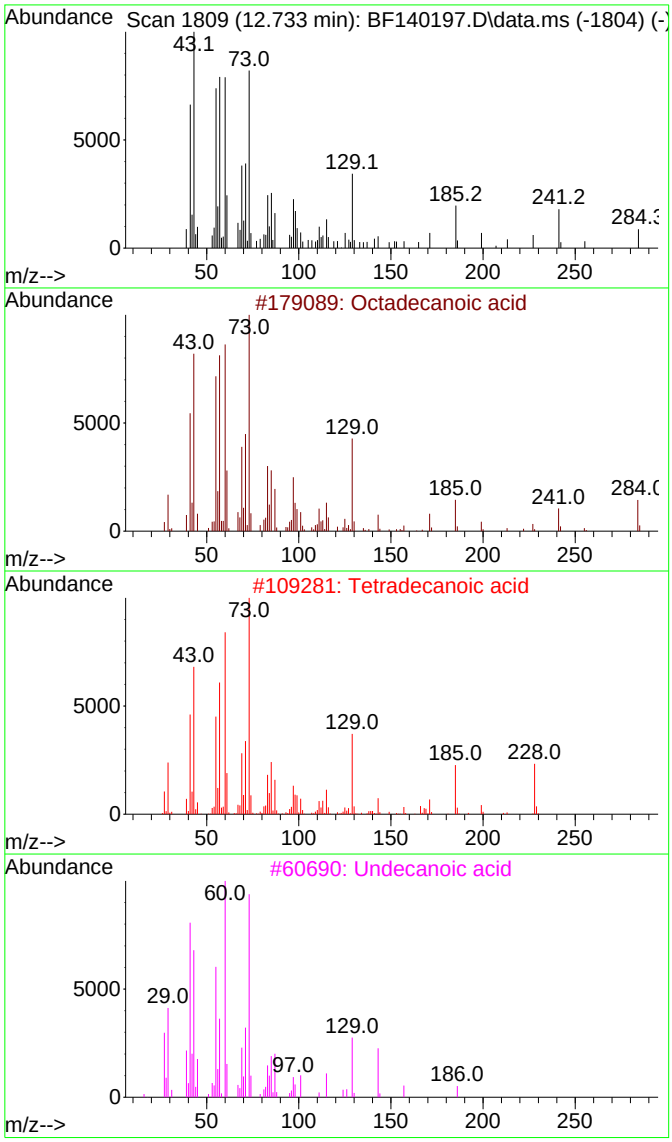
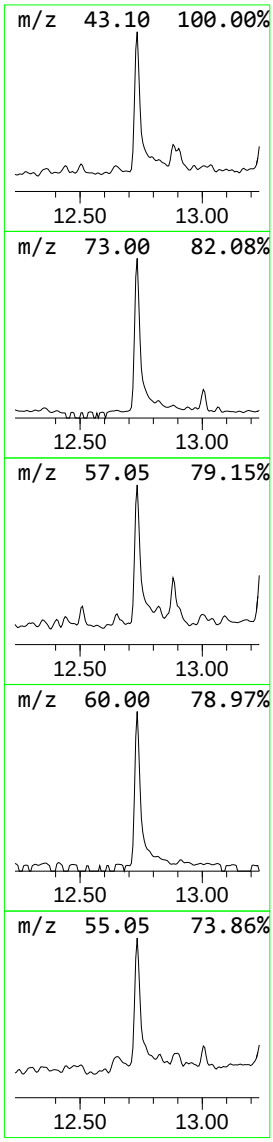
Peak Number 4 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.733	2.60 ng	116567	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
3	Undecanoic acid	186	C11H22O2	000112-37-8	49
4	n-Decanoic acid	172	C10H20O2	000334-48-5	46
5	Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	43





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Sample : P4643-09
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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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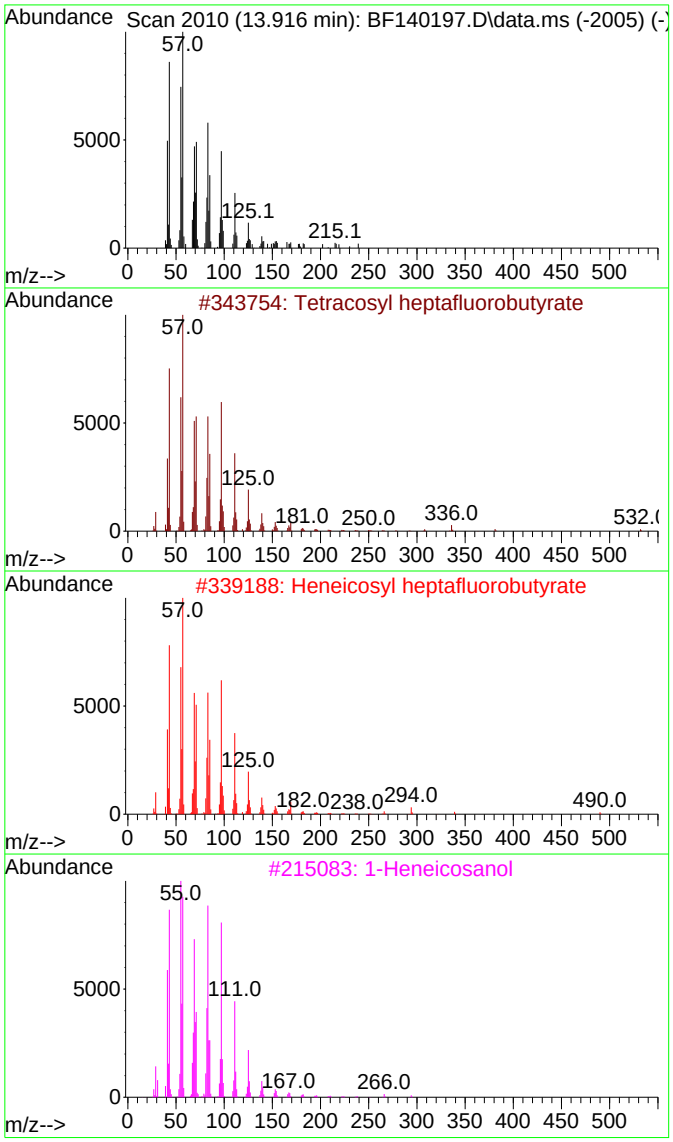
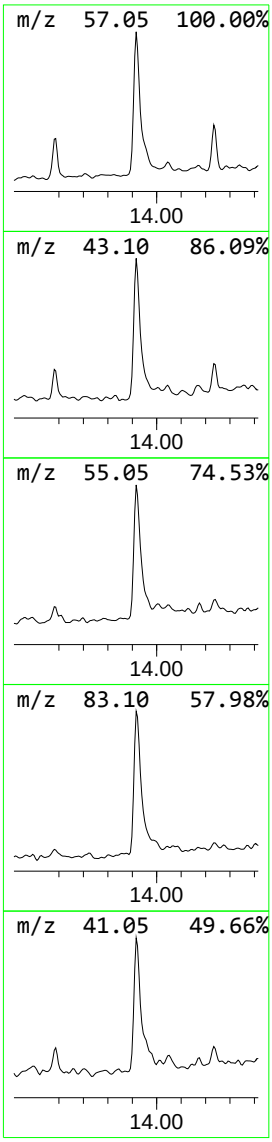
Peak Number 5 Tetracosyl heptafluorobutyrate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.916	5.31 ng	164988	Chrysene-d12	14.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosyl heptafluorobutyrate	550	C28H49F7O2	1000351-83-7	94
2	Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	94
3	1-Heneicosanol	312	C21H44O	015594-90-8	93
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
5	Butyl hexacosyl ether	438	C30H62O	1000406-41-0	91





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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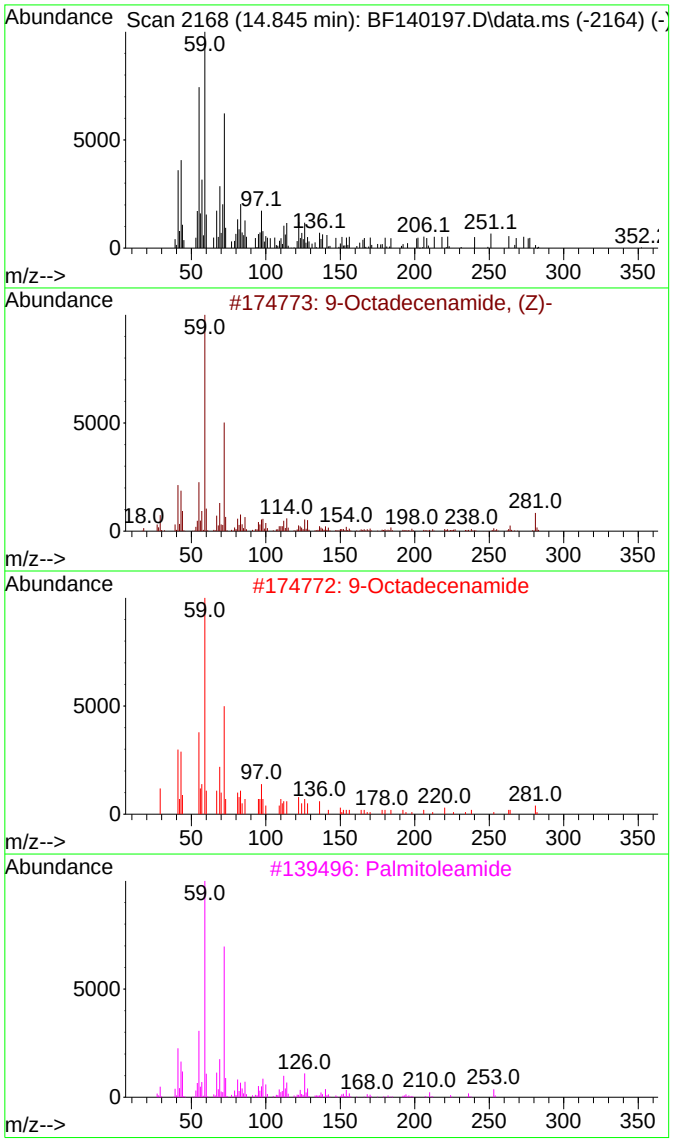
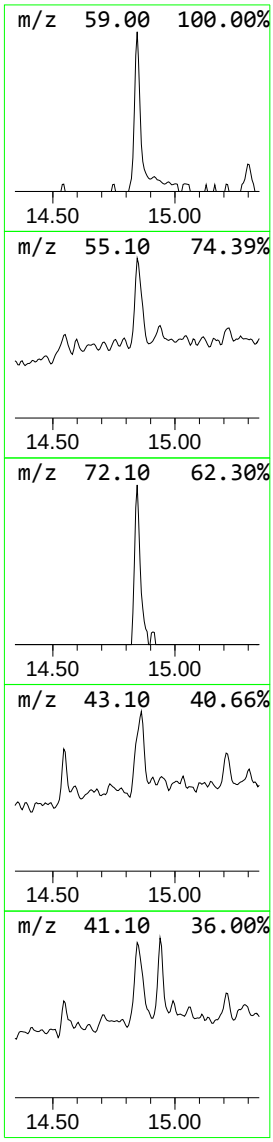
Peak Number 6 9-Octadecenamide, (Z)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.845	2.91 ng	66700	Perylene-d12	15.569

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	89
2	9-Octadecenamide	281	C18H35NO	003322-62-1	68
3	Palmitoleamide	253	C16H31NO	106010-22-4	59
4	Pentanamide, 4-methyl-	115	C6H13NO	001119-29-5	53
5	Nonadecanamide	297	C19H39NO	058185-32-3	47





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.163	58.5	ng	2175770	1	6.887	743653	20.0
Benzophenone	10.639	8.0	ng	395985	3	9.922	991325	20.0
n-Hexadecanoic ...	11.945	8.8	ng	394841	4	11.416	897726	20.0
Octadecanoic acid	12.733	2.6	ng	116567	4	11.416	897726	20.0
Tetracosyl hept...	13.916	5.3	ng	164988	5	14.069	621624	20.0
9-Octadecenamid...	14.845	2.9	ng	66700	6	15.569	458316	20.0