LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062625\
Data File : BF142863.D
Acq On : 26 Jun 2025 12:39
Operator : RC/JU
Sample : Q2405-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-M/H

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-BF061925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142863.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.093	481	493	507	rBV	106667	164267	8.44%	1.254%
2	5.498	556	562	580	rBV	1104305	1516221	77.95%	11.578%
3	6.504	726	733	738	rBV	1151403	1549918	79.68%	11.836%
4	6.875	791	796	801	rBV	373970	448228	23.04%	3.423%
5	7.439	886	892	897	rBV	742944	982129	50.49%	7.500%
6	8.157	1009	1014	1027	rVB	468577	589409	30.30%	4.501%
7	9.233	1192	1197	1202	rBV	1530152	1945185	100.00%	14.854%
8	9.916	1308	1313	1318	rBV	551198	676364	34.77%	5.165%
9	10.633	1429	1435	1442	rBV	246345	312286	16.05%	2.385%
10	10.710	1442	1448	1464	rBV	941326	1241671	63.83%	9.482%
11	10.939	1482	1487	1492	rVB	48226	58461	3.01%	0.446%
12	11.404	1561	1566	1572	rBV	537532	670431	34.47%	5.120%
13	11.927	1650	1655	1669	rBV2	70257	114478	5.89%	0.874%
14	12.716	1784	1789	1799	rBV4	9378	19562	1.01%	0.149%
15	12.992	1831	1836	1842	rBV	1286124	1658802	85.28%	12.667%
16	13.563	1928	1933	1940	rVB2	12664	20517	1.05%	0.157%
17	13.892	1984	1989	2003	rBV	33572	69099	3.55%	0.528%
18	14.051	2009	2016	2022	rBV	302969	380938	19.58%	2.909%
19	14.510	2089	2094	2100	rBV	12860	19803	1.02%	0.151%
20	14.810	2139	2145	2153	rBV2	129562	204170	10.50%	1.559%
21	15.545	2263	2270	2282	rBV	284881	453222	23.30%	3.461%

Sum of corrected areas: 13095161

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Instrument :
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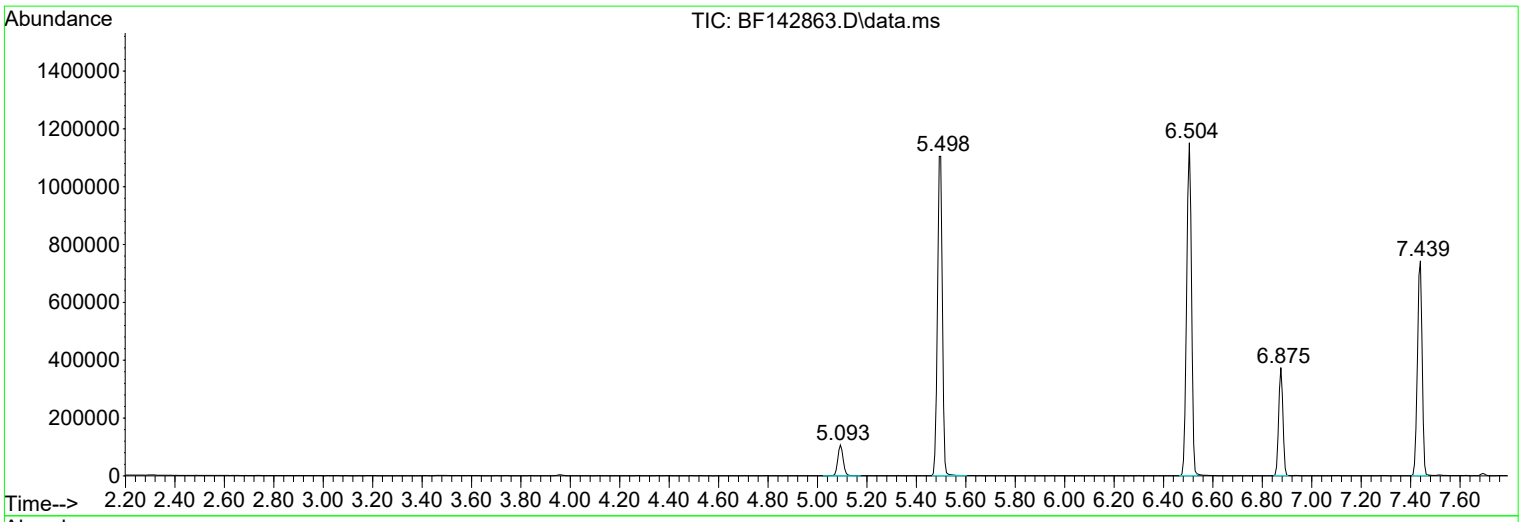
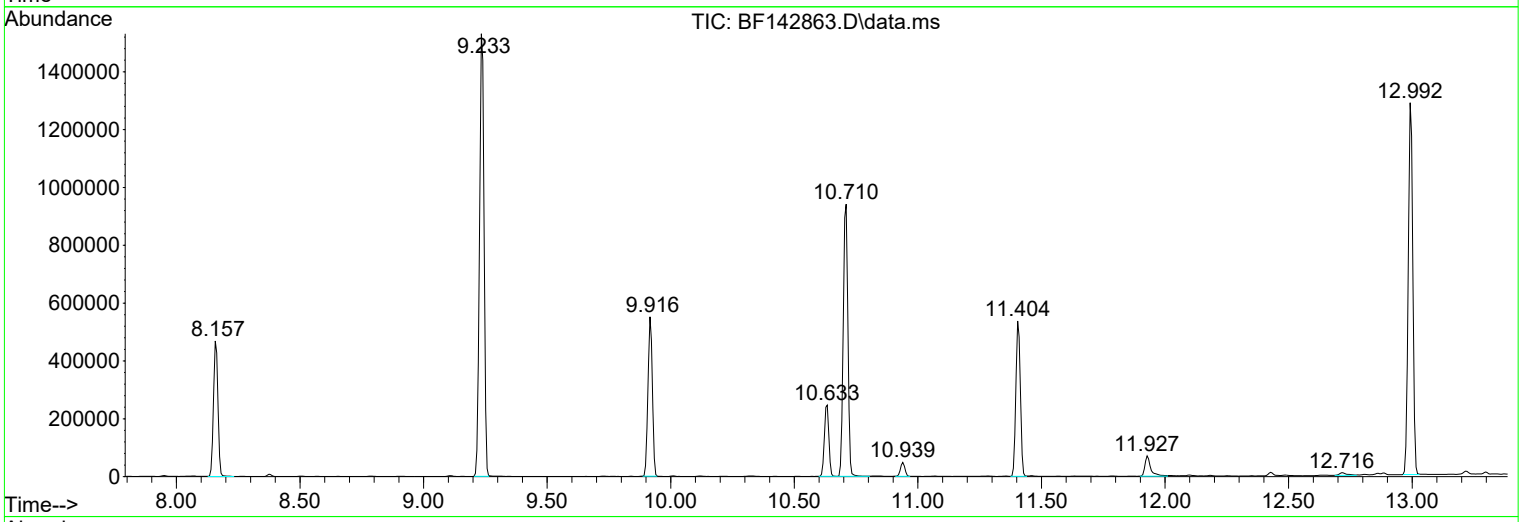
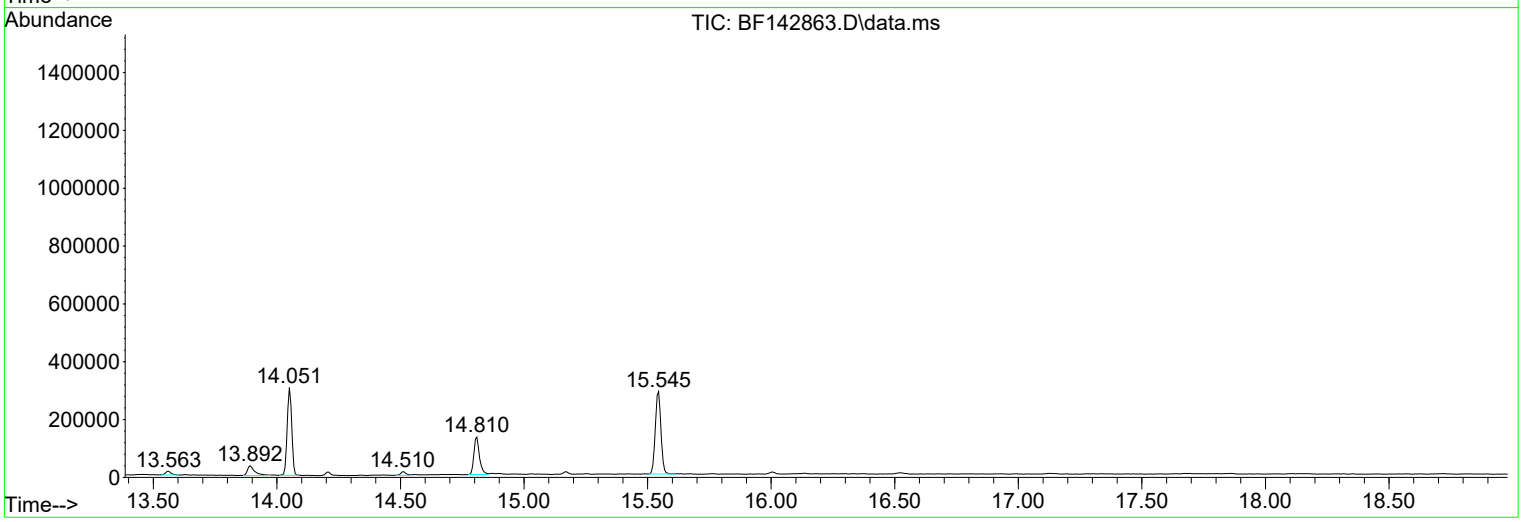
ClientSampleId :
MH-M/H

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.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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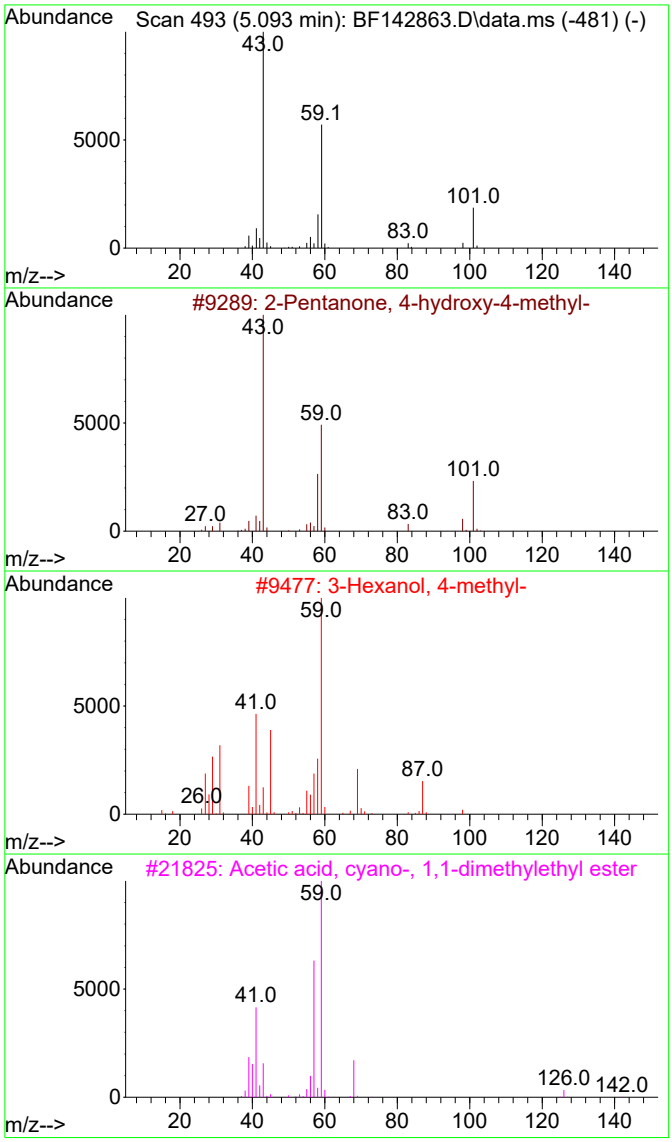
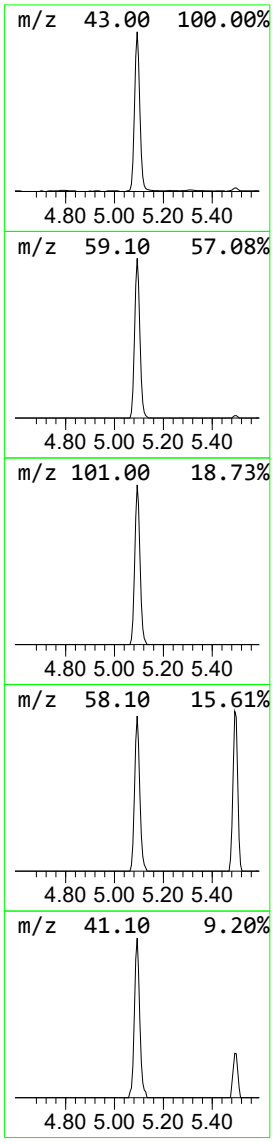
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.093	7.33 ng	164267	1,4-Dichlorobenzene-d4	6.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





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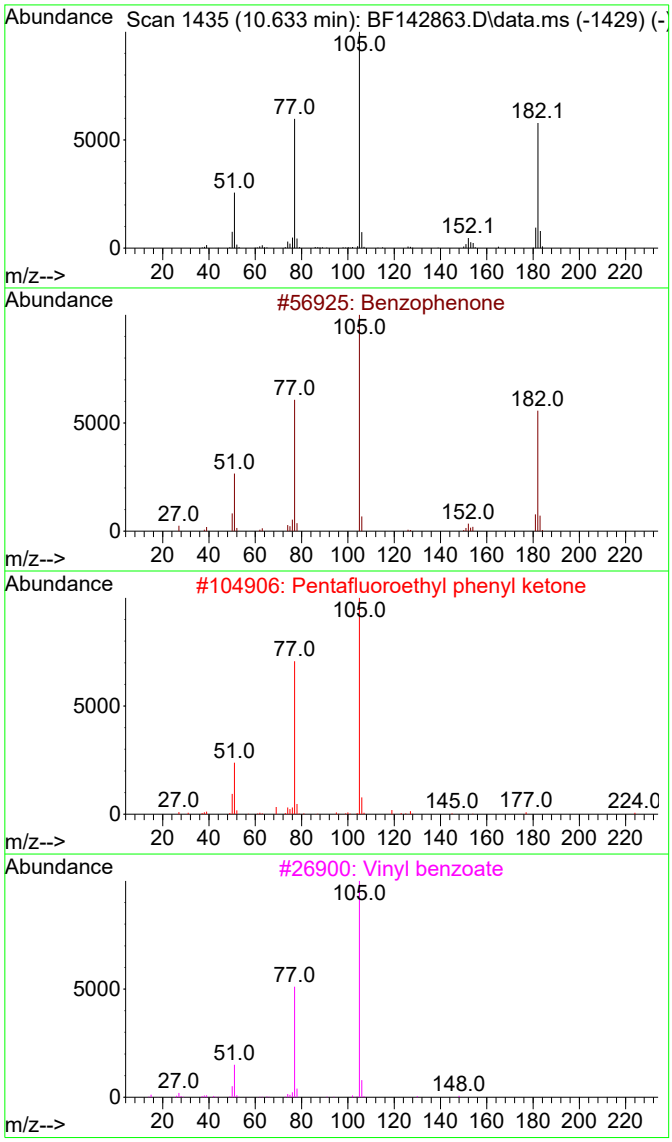
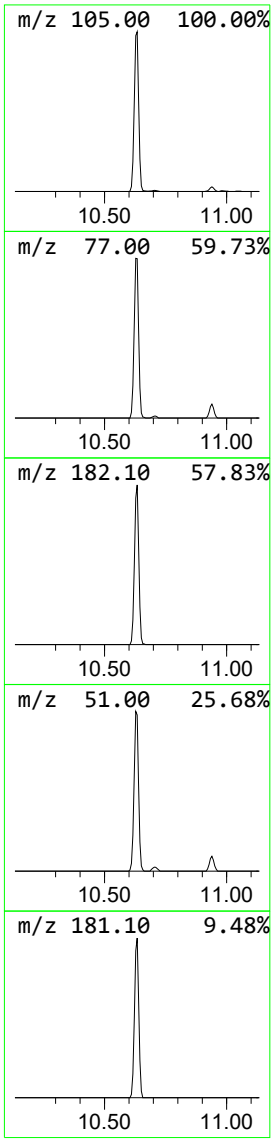
Peak Number 2 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.633	9.23 ng	312286	Acenaphthene-d10	9.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Pentafluoroethyl phenyl ketone	224	C9H5F5O	000394-52-5	47
3	Vinyl benzoate	148	C9H8O2	000769-78-8	47
4	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47
5	1-Propanone, 3-chloro-1-phenyl-	168	C9H9ClO	000936-59-4	47





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BNA_F
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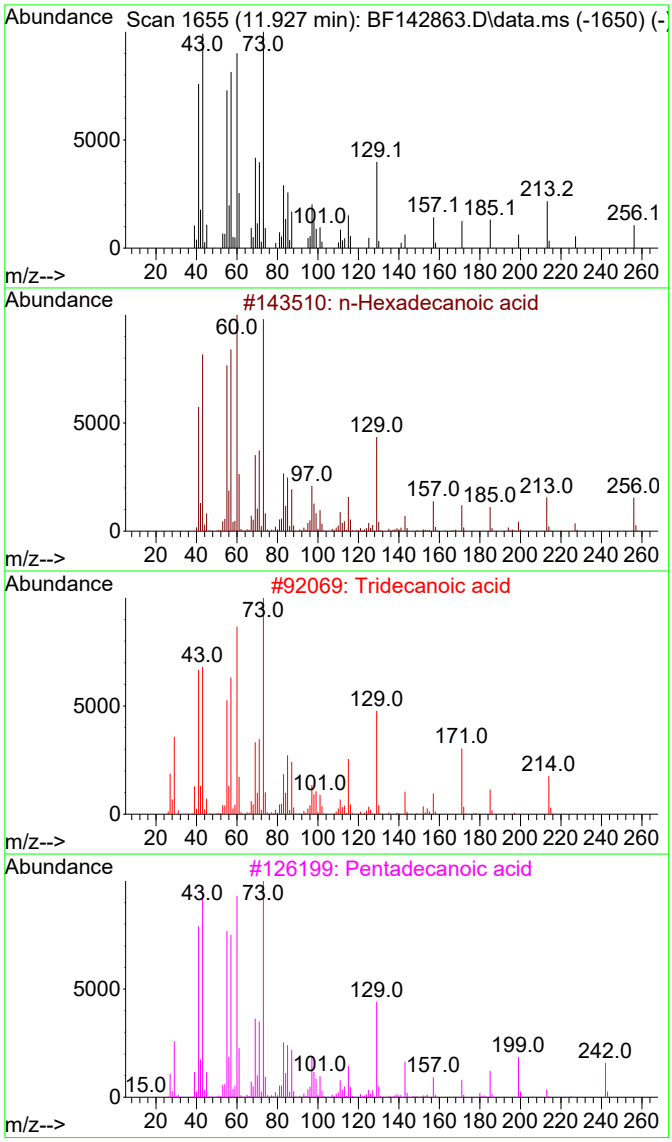
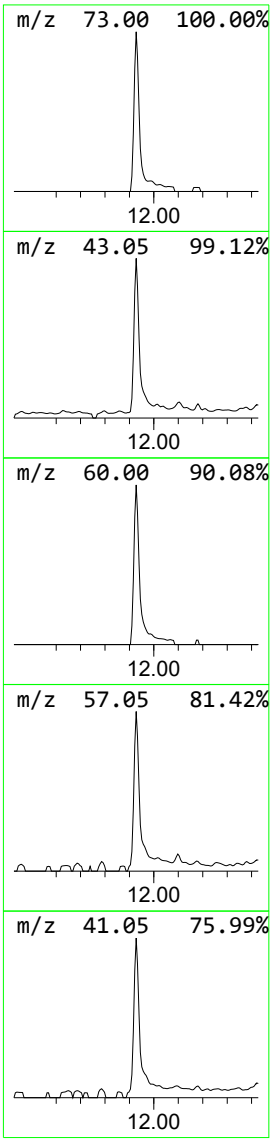
Peak Number 3 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.927	3.42 ng	114478	Phenanthrene-d10	11.404

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	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Nonanoic acid	158	C9H18O2	000112-05-0	38





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Misc :
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Instrument :
BNA_F
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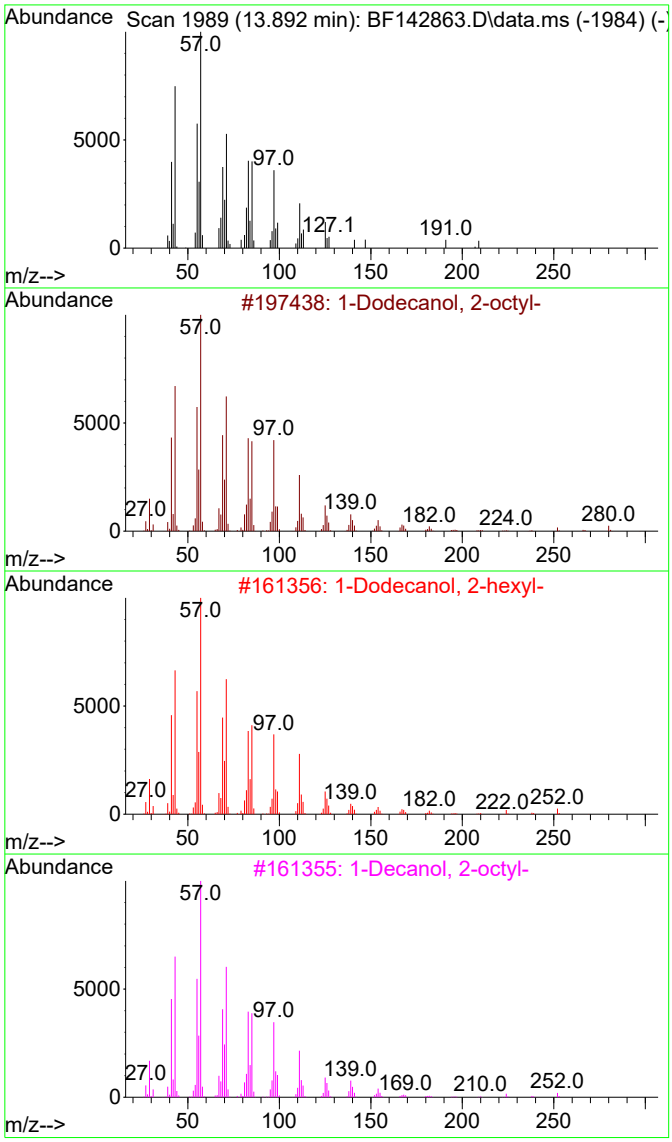
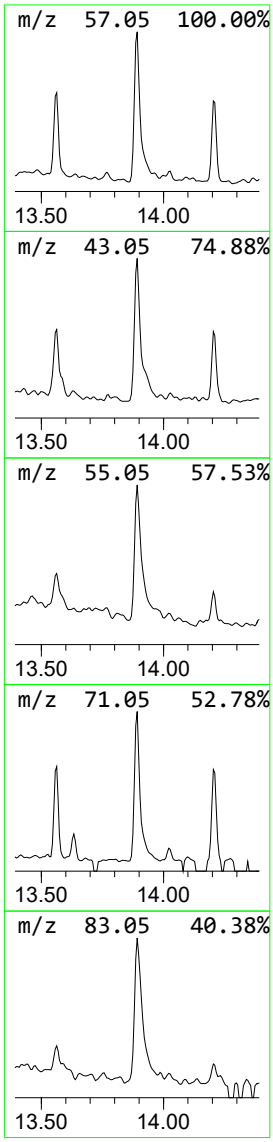
****

Peak Number 4 1-Dodecanol, 2-octyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.892	3.63 ng	69099	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	91
2	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	91
3	1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	91
4	Isobutyl octacosyl ether	467	C32H66O	1000406-33-4	87
5	Dotriacontyl isobutyl ether	523	C36H74O	1010406-33-6	87





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ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-M/H

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
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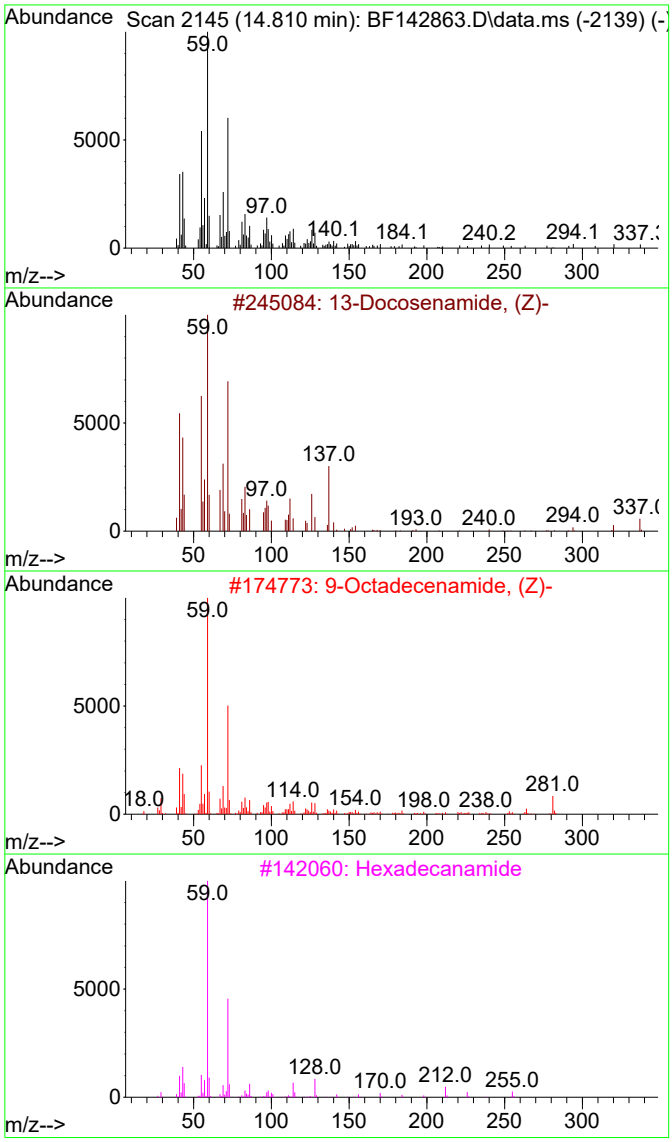
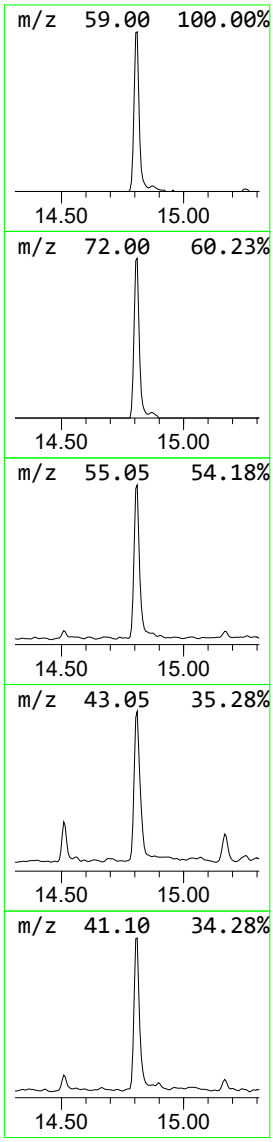
****
Peak Number 5 13-Docosenamide, (Z)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.810	9.01 ng	204170	Perylene-d12	15.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	93
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	90
3	Hexadecanamide	255	C16H33NO	000629-54-9	78
4	Tetradecanamide	227	C14H29NO	000638-58-4	72
5	2-Hydroxy-2,4-dimethyl-hept-6-en...	156	C9H16O2	1000192-56-0	38





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	5.093	7.3	ng	164267	1	6.875	448228	20.0
Benzophenone	10.633	9.2	ng	312286	3	9.916	676364	20.0
n-Hexadecanoic ...	11.927	3.4	ng	114478	4	11.404	670431	20.0
1-Dodecanol, 2-...	13.892	3.6	ng	69099	5	14.051	380938	20.0
13-Docosenamide...	14.810	9.0	ng	204170	6	15.545	453222	20.0