LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF053116\
Data File : BF087592.D
Acq On : 31 May 2016 21:23
Operator : UM/SJ
Sample : H3222-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-14

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:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.764	276	278	287	rBV2	13391	62110	1.34%	0.185%
2	5.359	327	330	358	rBV	676138	2398322	51.91%	7.149%
3	7.016	473	475	480	rBV	548236	1370114	29.65%	4.084%
4	7.096	480	482	498	rVB	2327790	3986124	86.27%	11.882%
5	7.450	511	513	524	rBV	412577	820979	17.77%	2.447%
6	7.667	530	532	549	rVB	1497856	2799718	60.59%	8.345%
7	8.365	591	593	621	rBV	1513081	2726031	59.00%	8.126%
8	8.947	642	644	664	rVB2	61476	237499	5.14%	0.708%
9	9.199	664	666	672	rBV3	16606	68607	1.48%	0.204%
10	9.473	688	690	709	rVB	516017	1076045	23.29%	3.207%
11	11.245	842	845	863	rBV	2903030	4370293	94.58%	13.027%
12	12.296	935	937	953	rBV	770266	1176321	25.46%	3.506%
13	13.599	1048	1051	1074	rBV	1756910	3059690	66.22%	9.120%
14	14.708	1146	1148	1167	rBV	608296	1216300	26.32%	3.625%
15	16.800	1328	1331	1337	rBV	31276	62693	1.36%	0.187%
16	16.903	1337	1340	1342	rVV	383962	417037	9.03%	1.243%
17	17.005	1347	1349	1351	rVV	73375	79141	1.71%	0.236%
18	17.063	1351	1354	1364	rVV	3824518	4620508	100.00%	13.773%
19	17.828	1418	1421	1424	rBV	260726	265765	5.75%	0.792%
20	17.886	1424	1426	1427	rVV	46314	49183	1.06%	0.147%
21	18.137	1445	1448	1458	rVB3	14068	46710	1.01%	0.139%
22	18.308	1460	1463	1465	rBV	40598	49393	1.07%	0.147%
23	18.434	1471	1474	1490	rBV	469573	1159872	25.10%	3.457%
24	18.708	1495	1498	1500	rBV	59455	69305	1.50%	0.207%
25	19.086	1529	1531	1534	rVB	47930	52323	1.13%	0.156%
26	19.451	1561	1563	1566	rVB	58071	77004	1.67%	0.230%
27	19.806	1592	1594	1597	rBV	75771	109085	2.36%	0.325%
28	20.114	1619	1621	1635	rBV	340391	988120	21.39%	2.945%
29	20.491	1652	1654	1657	rBV	52094	65768	1.42%	0.196%
30	20.880	1685	1688	1694	rVB	38414	68708	1.49%	0.205%

Sum of corrected areas: 33548768

LSC Report - Integrated Chromatogram

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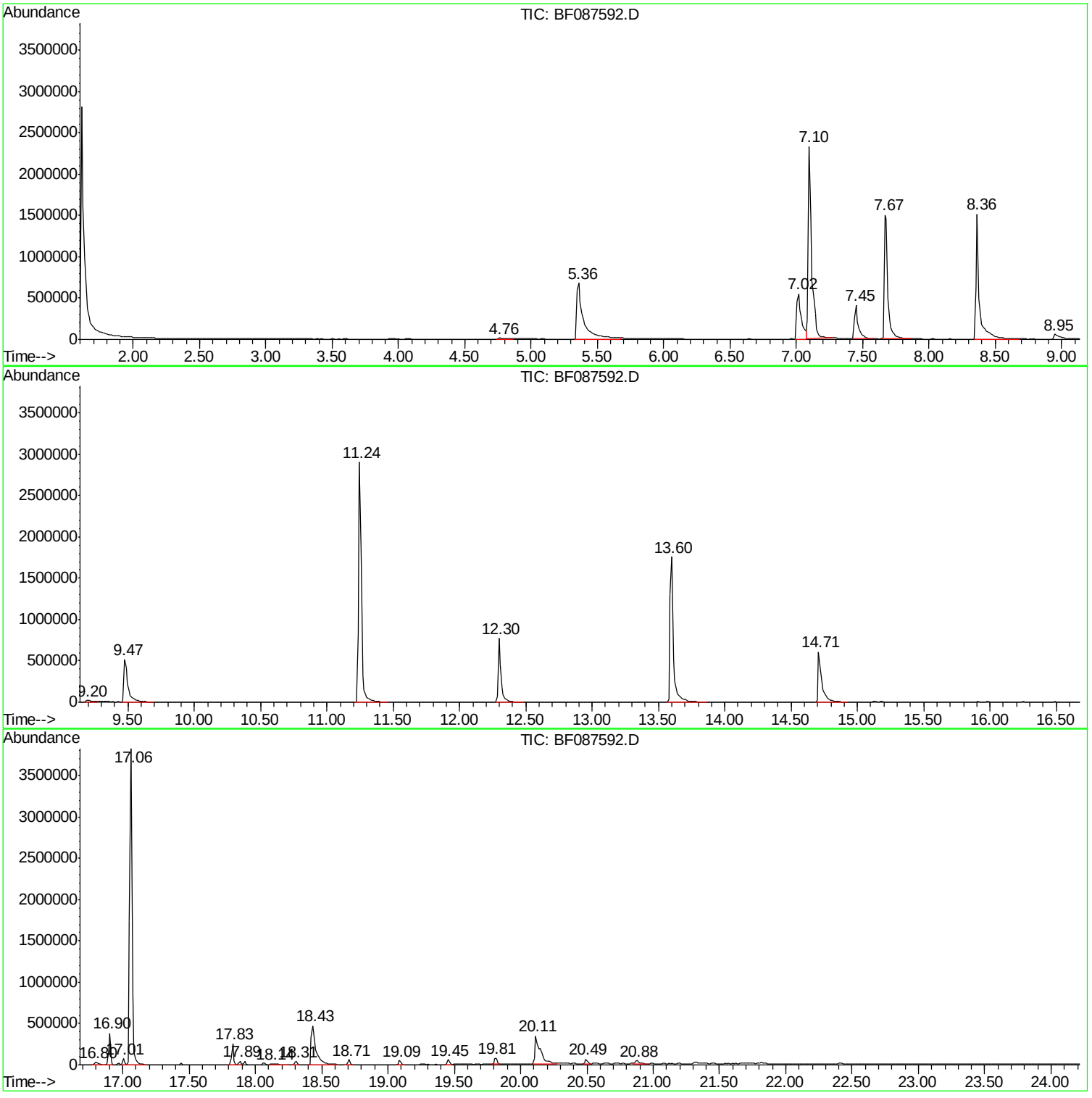
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-14

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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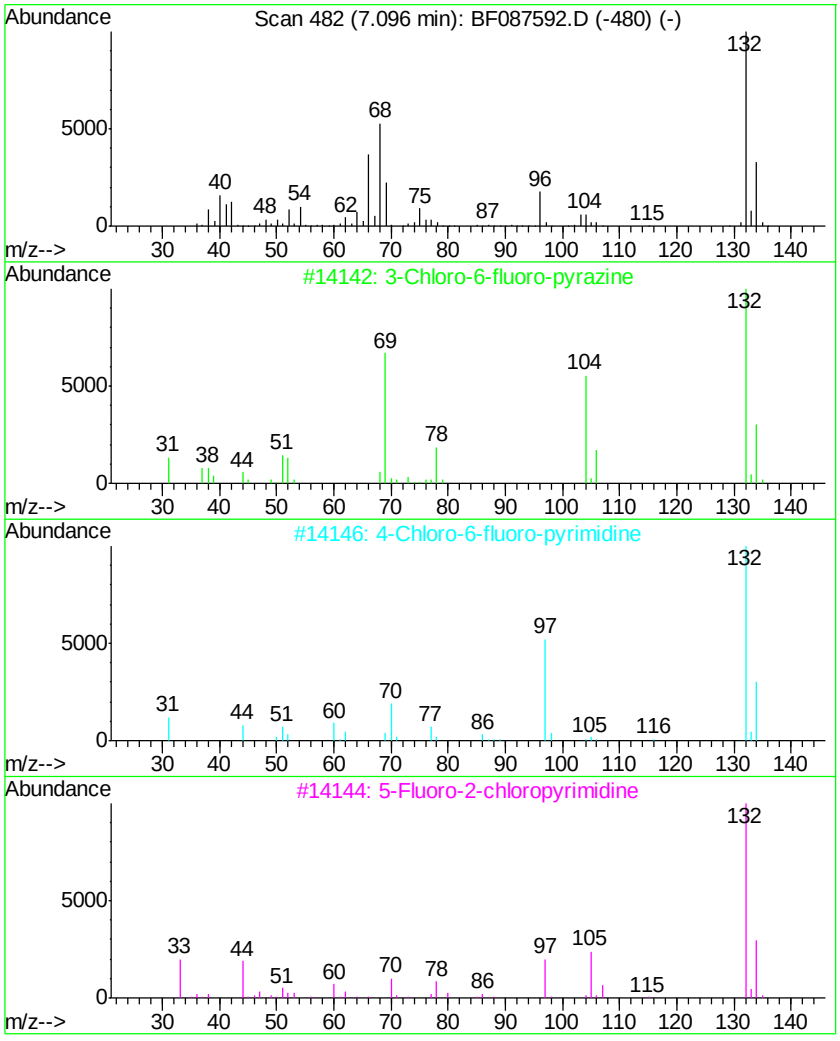
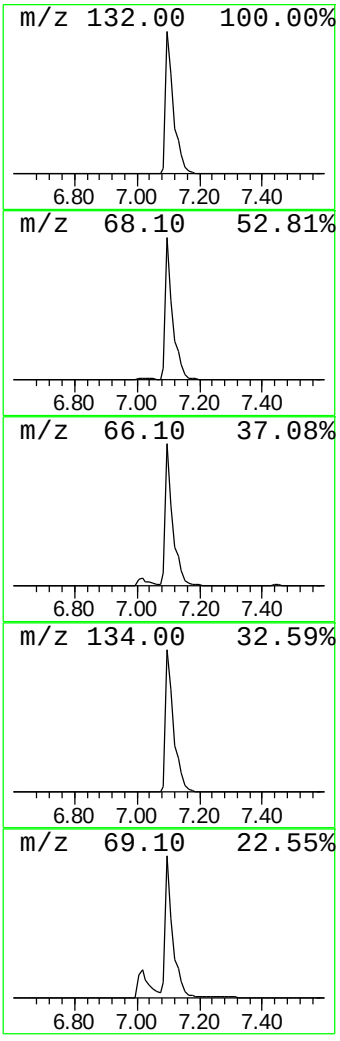
Peak Number 1 unknown7.10 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	97.11 ng	3986120	1,4-Dichlorobenzene-d4	7.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22





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Instrument : BNA_F
ClientSampleId : MW-14

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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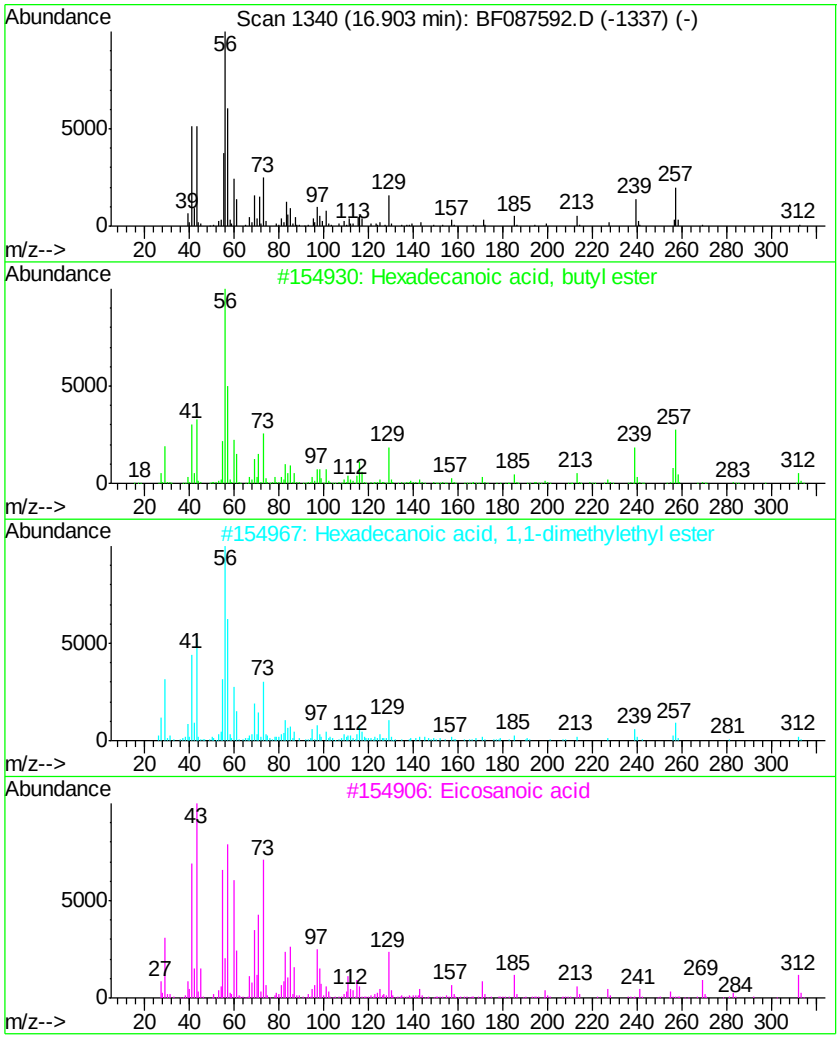
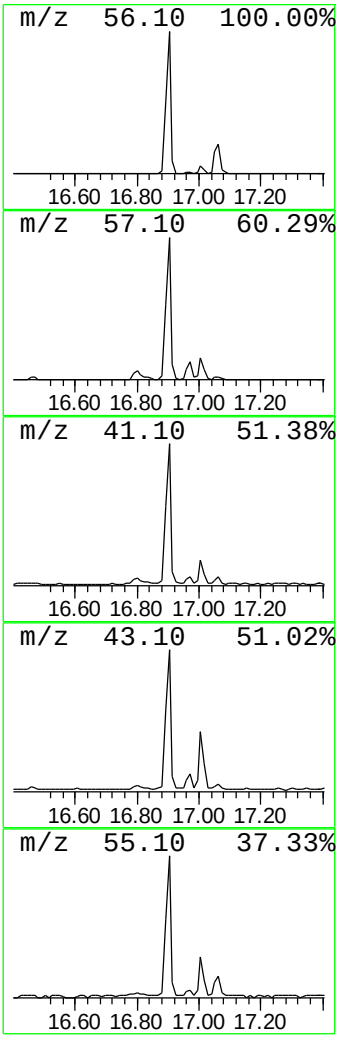
Peak Number 4 Hexadecanoic acid, butyl ester Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.90	7.19 ng	417037	Chrysene-d12	18.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
2	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	87
3	Eicosanoic acid	312	C20H40O2	000506-30-9	46
4	2-Isopropyl-3-vinyloxirane	112	C7H12O	070777-23-0	38
5	cis-2,3-Epoxyoctane	128	C8H16O	023024-54-6	38





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Sample : H3222-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-14

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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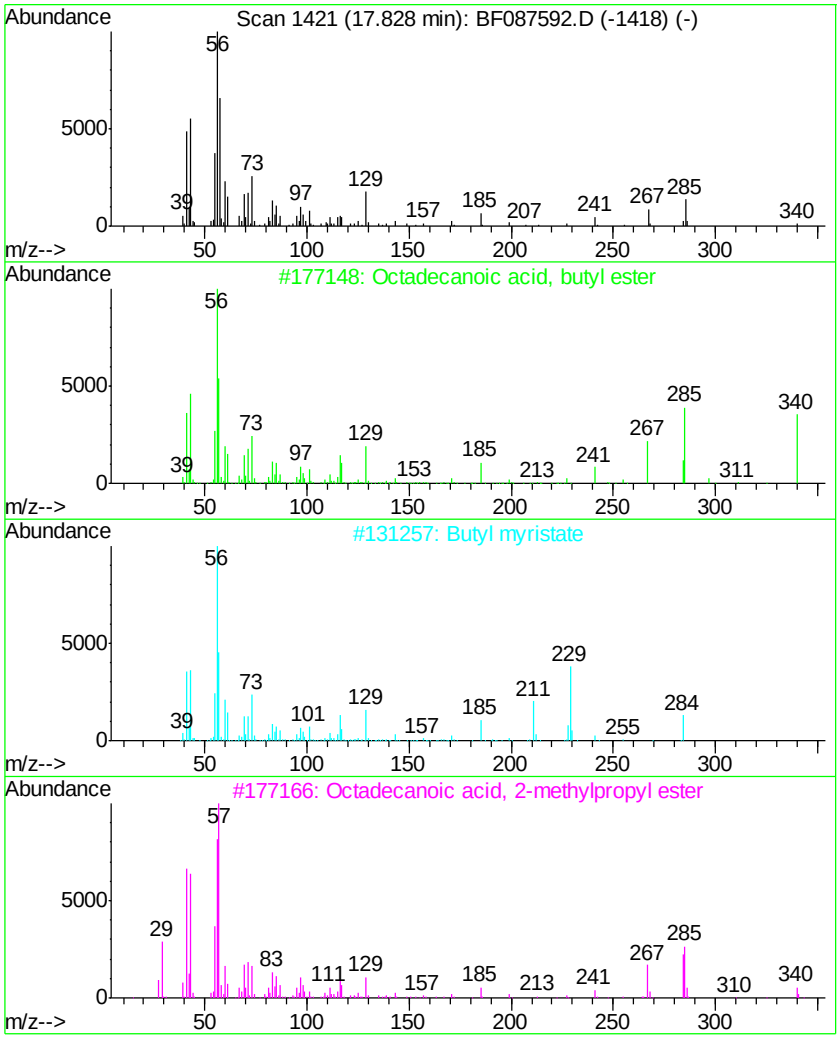
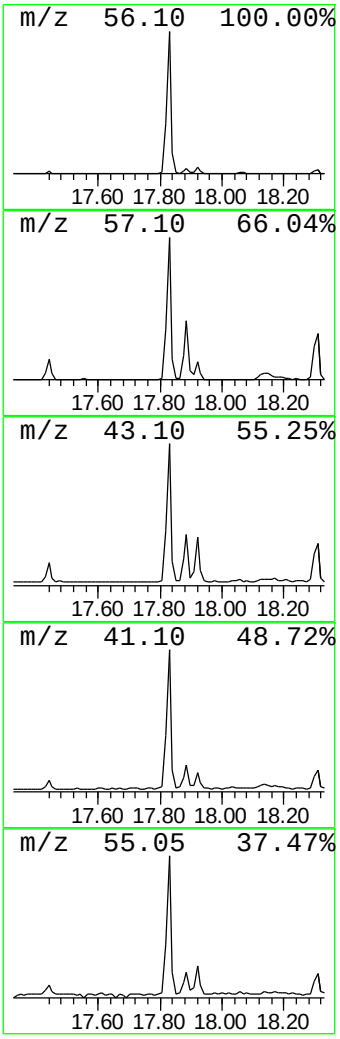
Peak Number 5 Octadecanoic acid, butyl ester Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.83	4.58 ng	265765	Chrysene-d12	18.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	91
2	Butyl myristate	284	C18H36O2	000110-36-1	78
3	Octadecanoic acid, 2-methylpropy...	340	C22H44O2	000646-13-9	70
4	Oxirane, 2,3-bis(1-methylethyl)-...	128	C8H16O	054644-32-5	43
5	Cyclobutane, 1,1-dimethyl-2-octyl-	196	C14H28	062338-30-1	43





Library Search Compound Report

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ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-14

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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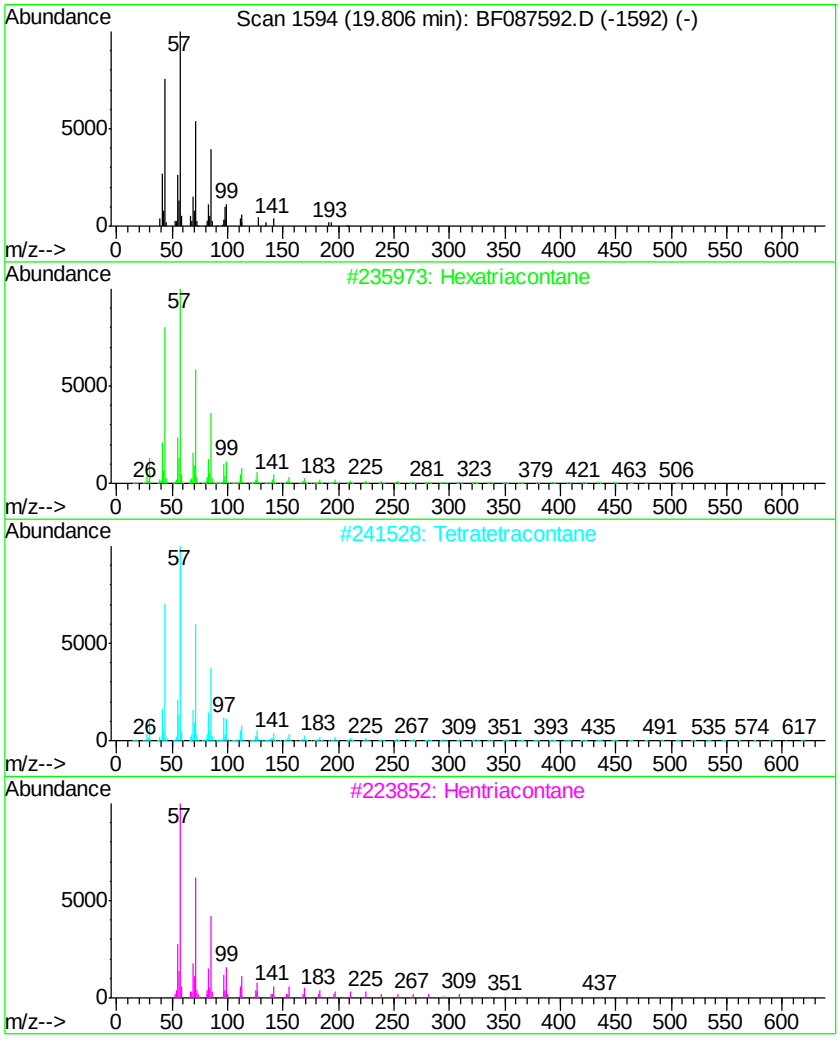
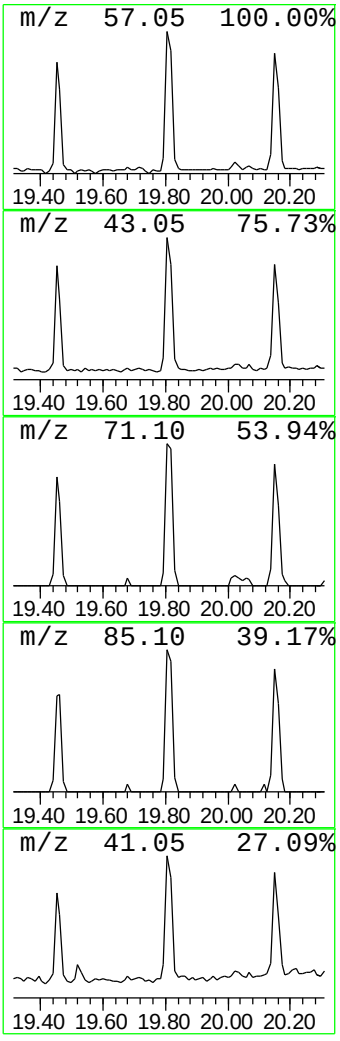
Peak Number 6 Hexatriacontane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.81	2.21 ng	109085	Perylene-d12	20.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexatriacontane	507	C36H74	000630-06-8	91
2	Tetratetracontane	619	C44H90	007098-22-8	91
3	Hentriacontane	437	C31H64	000630-04-6	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Tetracosane	338	C24H50	000646-31-1	91





Tentatively Identified Compound (LSC) summary

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Sample : H3222-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-14

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown7.10	7.10	97.1	ng	3986120	1	7.45	820979	20.0
Hexadecanoic acid...	16.90	7.2	ng	417037	5	18.43	1159870	20.0
Octadecanoic acid...	17.83	4.6	ng	265765	5	18.43	1159870	20.0
Hexatriacontane	19.81	2.2	ng	109085	6	20.11	988120	20.0