LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091724\
Data File : BF139412.D
Acq On : 17 Sep 2024 19:58
Operator : RC/JU
Sample : P3963-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DN-B-39

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-BF091324.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF139412.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.157	5	11	21	rVB	351334	545763	78.30%	8.281%
2	5.087	501	509	517	rBB	36583	51826	7.44%	0.786%
3	5.492	572	578	583	rBV	541013	681701	97.80%	10.344%
4	6.498	744	749	757	rBV	538738	697041	100.00%	10.576%
5	6.875	808	813	818	rVB	303577	384261	55.13%	5.831%
6	7.433	901	908	913	rBV	343459	438463	62.90%	6.653%
7	7.692	948	952	956	rBV	10632	12642	1.81%	0.192%
8	8.157	1024	1031	1039	rBV	345640	465902	66.84%	7.069%
9	8.969	1163	1169	1173	rBV	8266	9559	1.37%	0.145%
10	9.233	1209	1214	1219	rBV	536992	664294	95.30%	10.080%
11	9.910	1324	1329	1334	rBV	325046	393331	56.43%	5.968%
12	10.622	1445	1450	1458	rBV	60835	72787	10.44%	1.104%
13	10.698	1458	1463	1468	rBV	274522	351064	50.36%	5.327%
14	11.398	1576	1582	1590	rBV	312661	406709	58.35%	6.171%
15	11.916	1664	1670	1678	rBV	56635	86472	12.41%	1.312%
16	12.604	1783	1787	1791	rBV	11846	16578	2.38%	0.252%
17	12.698	1800	1803	1808	rBV6	9330	15185	2.18%	0.230%
18	12.792	1815	1819	1823	rBV3	9745	12849	1.84%	0.195%
19	12.833	1823	1826	1834	rVV2	11178	20744	2.98%	0.315%
20	12.974	1845	1850	1859	rVB	463904	617255	88.55%	9.366%
21	13.457	1928	1932	1938	rVB	71886	94041	13.49%	1.427%
22	13.874	1999	2003	2013	rVB	30605	53849	7.73%	0.817%
23	14.027	2025	2029	2042	rVB	206531	291524	41.82%	4.423%
24	15.498	2275	2279	2290	rVB	118991	206640	29.65%	3.135%

Sum of corrected areas: 6590480

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ClientSampleId :
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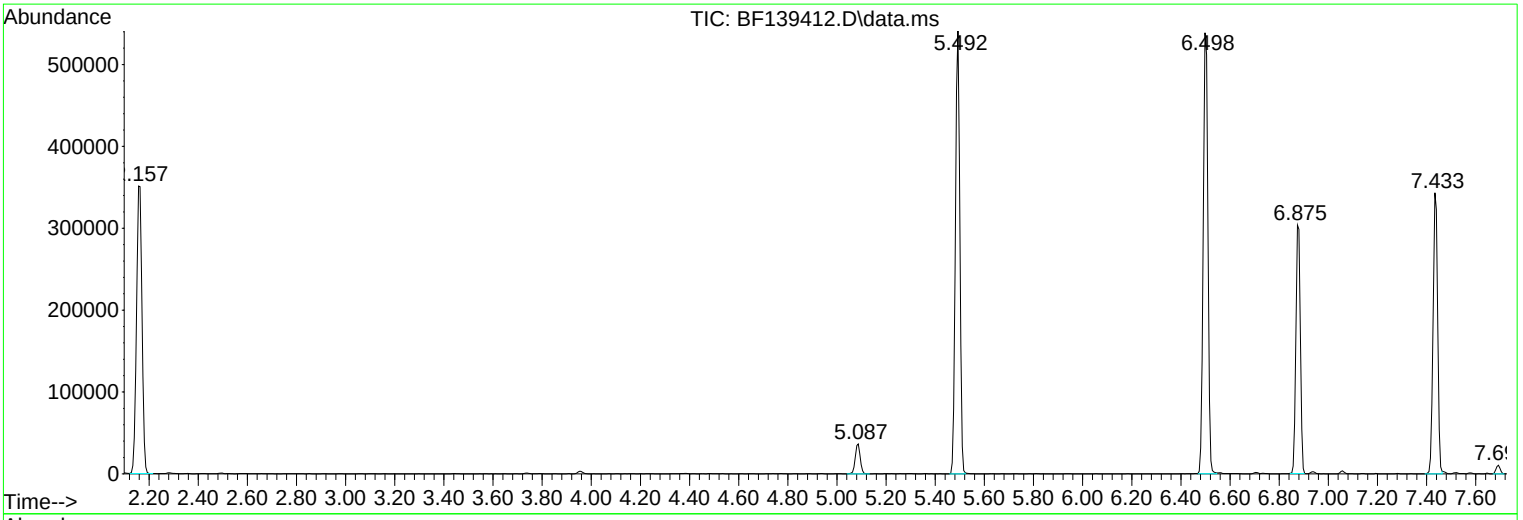
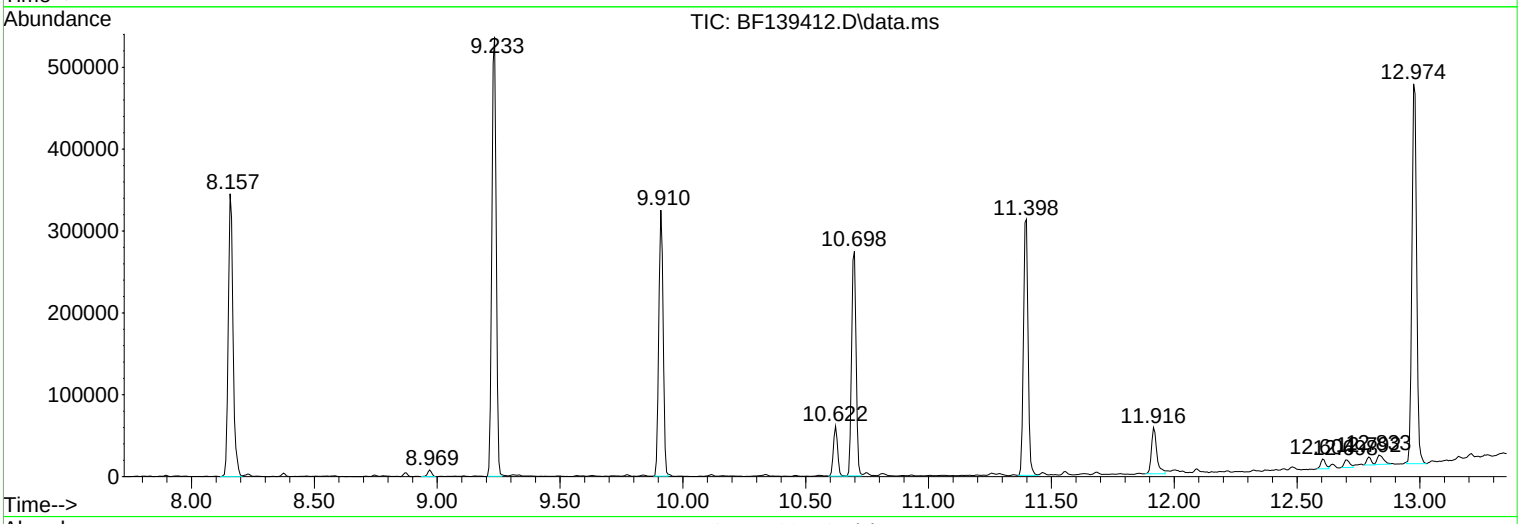
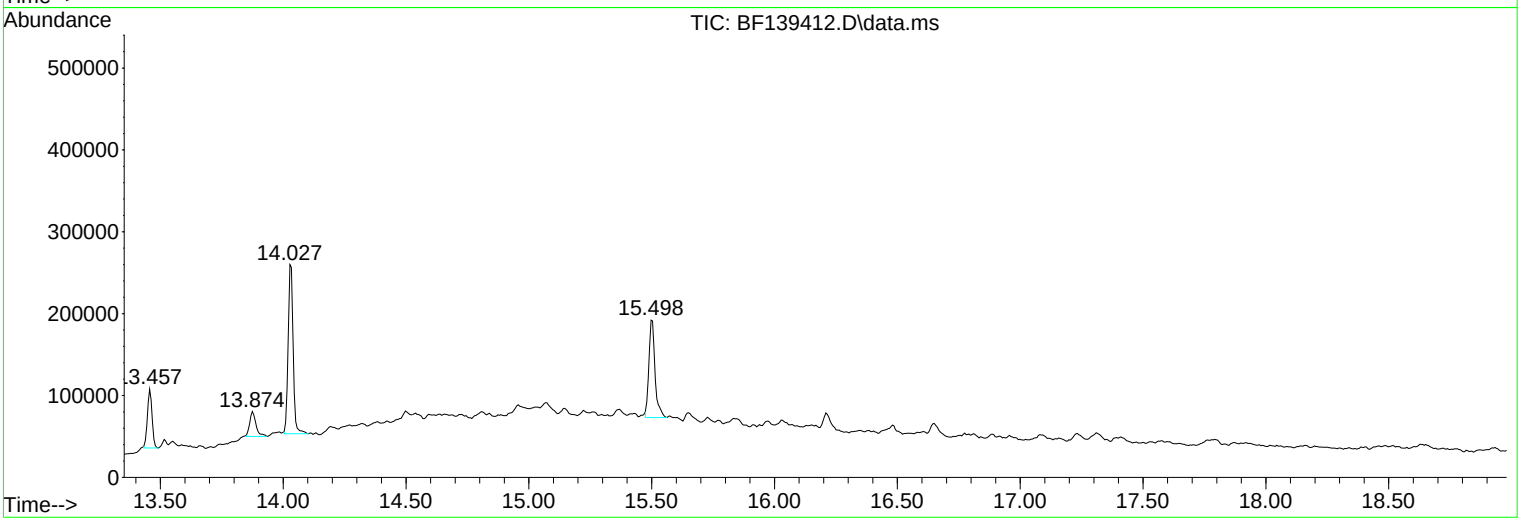
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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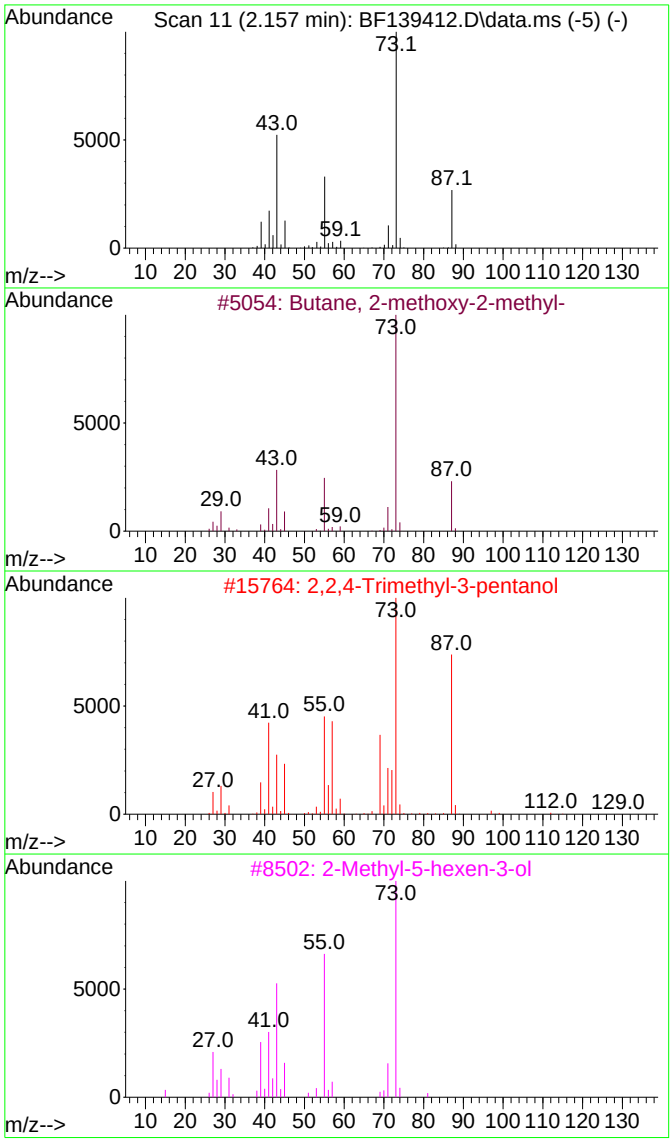
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

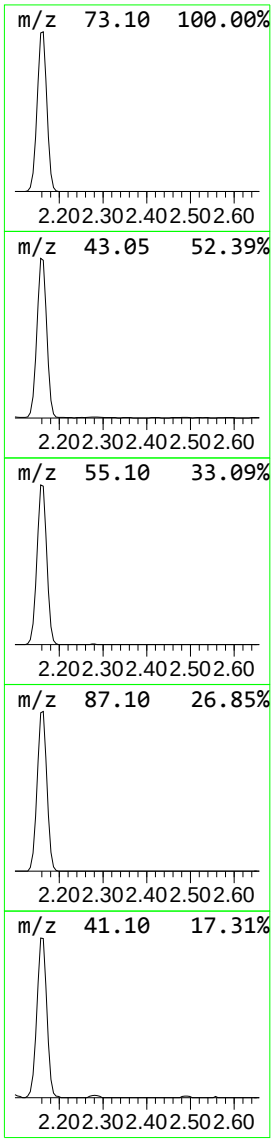
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.157	28.41 ng	545763	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	40
3	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	25
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





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Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.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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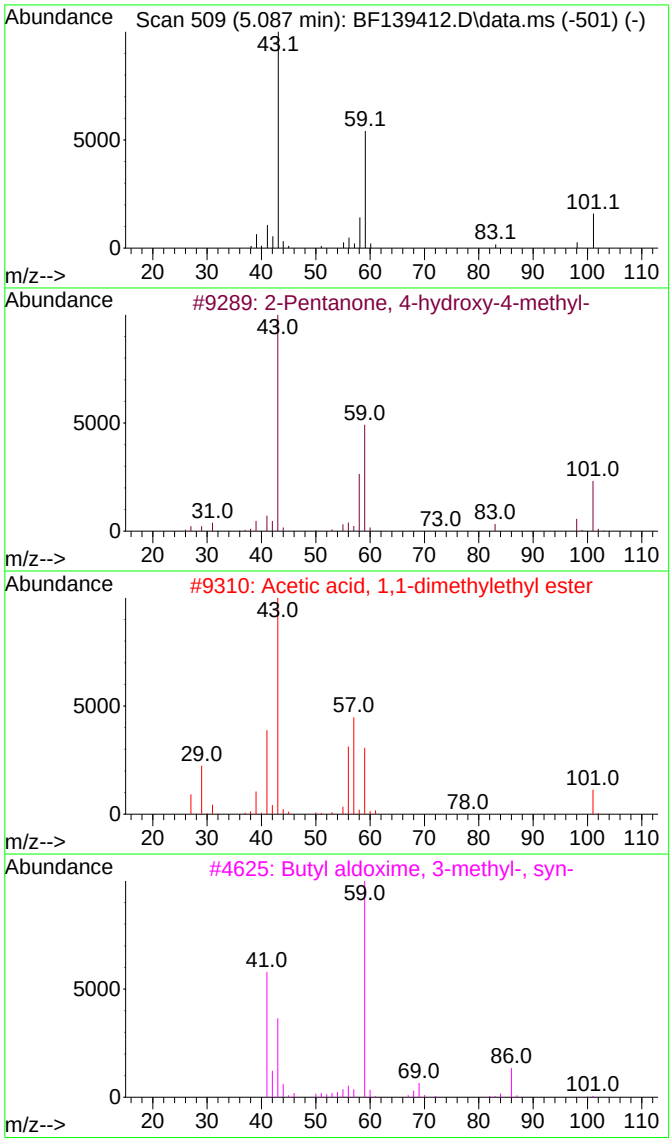
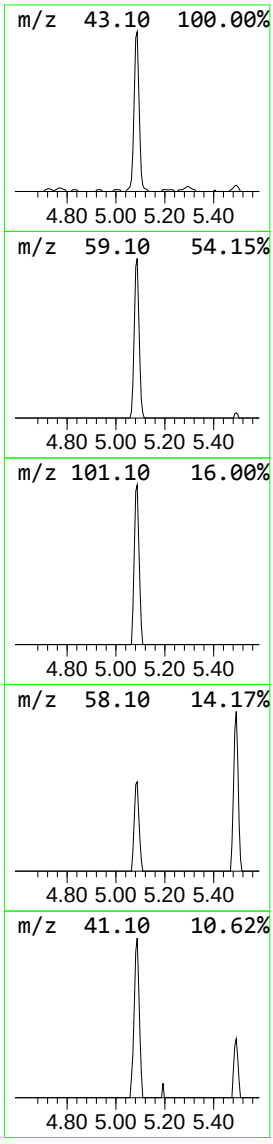
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.087	2.70 ng	51826	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	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
3	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	25
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
5	Silane, trimethyl-	74	C3H10Si	000993-07-7	9





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Instrument :
BNA_F
ClientSampleId :
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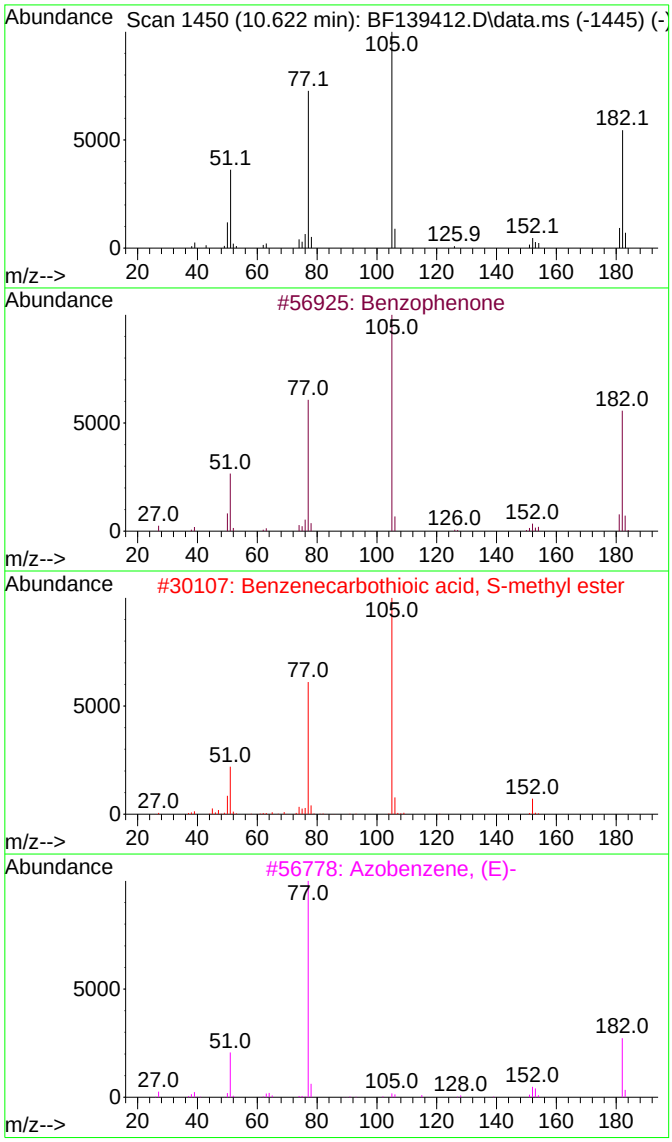
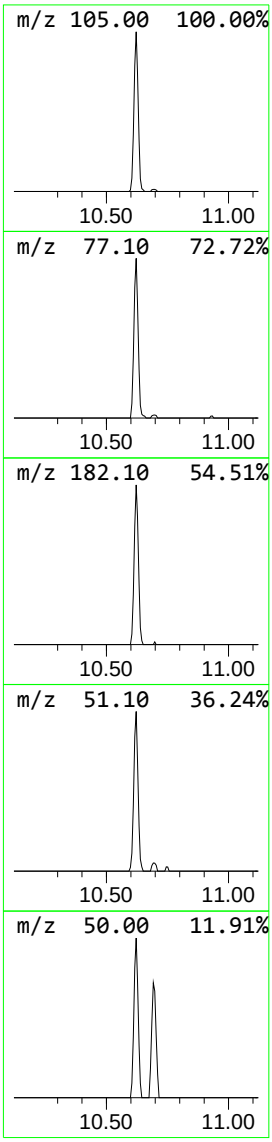
Peak Number 3 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.621	3.70 ng	72787	Acenaphthene-d10	9.910

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	64
3	Azobenzene, (E)-	182	C12H10N2	017082-12-1	53
4	N-cyanobenzamide	146	C8H6N2O	015150-25-1	49
5	Benzenebutanoic acid, .gamma.-ox...	192	C11H12O3	025333-24-8	47





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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
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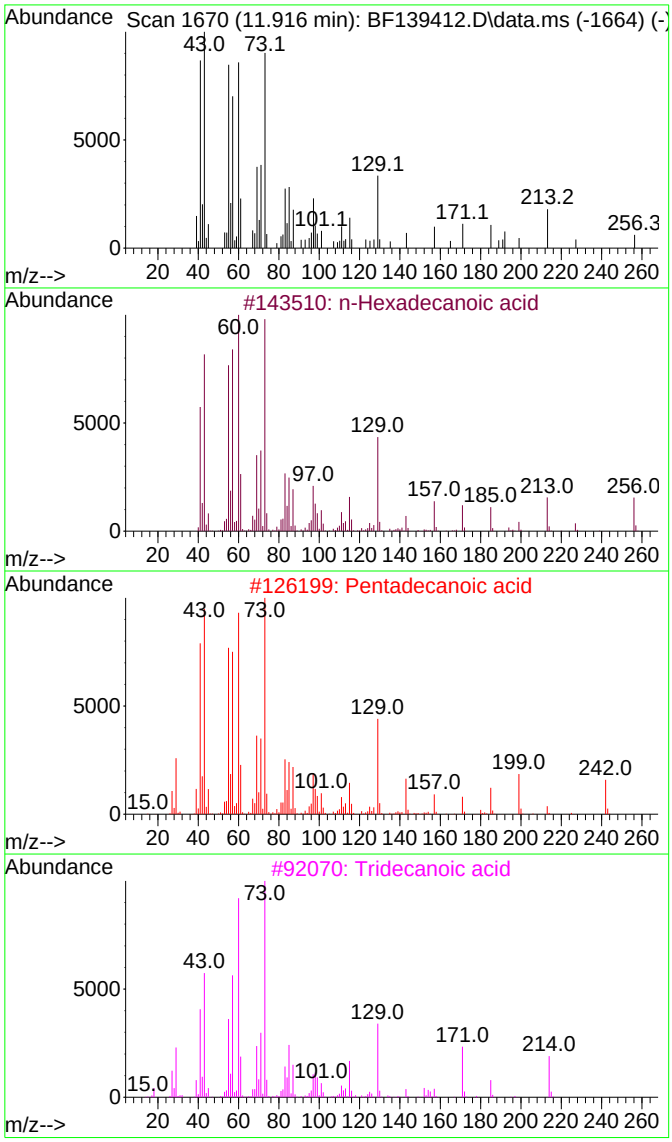
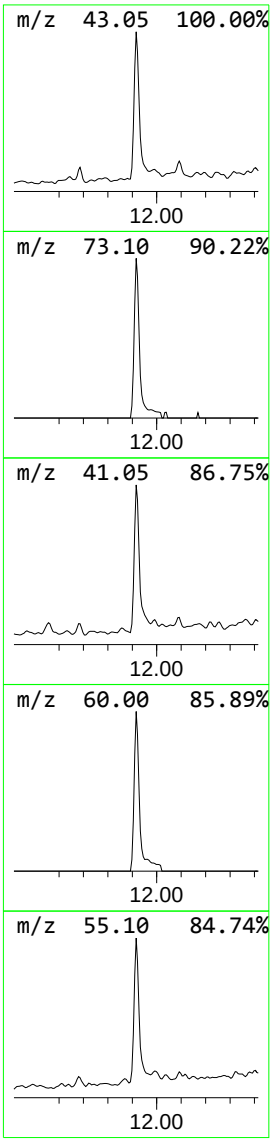
Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.916	4.25 ng	86472	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	89
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tridecanoic acid	214	C13H26O2	000638-53-9	86
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	Oxalic acid, allyl pentadecyl ester	340	C20H36O4	1000309-24-3	20





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Sample : P3963-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DN-B-39

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.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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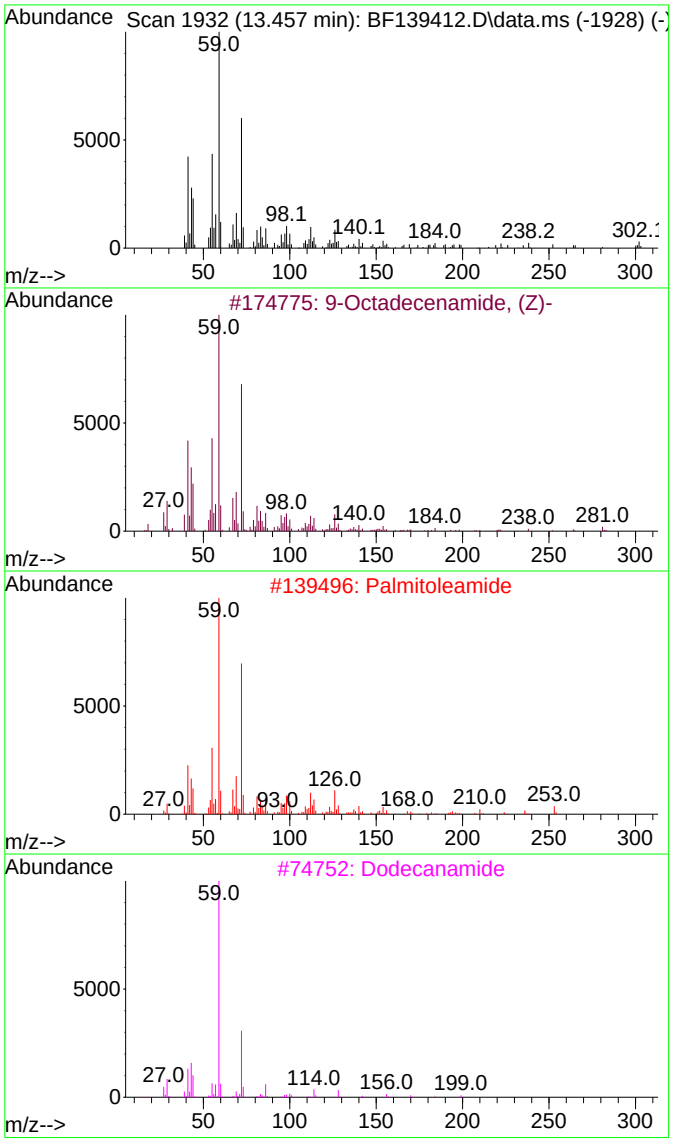
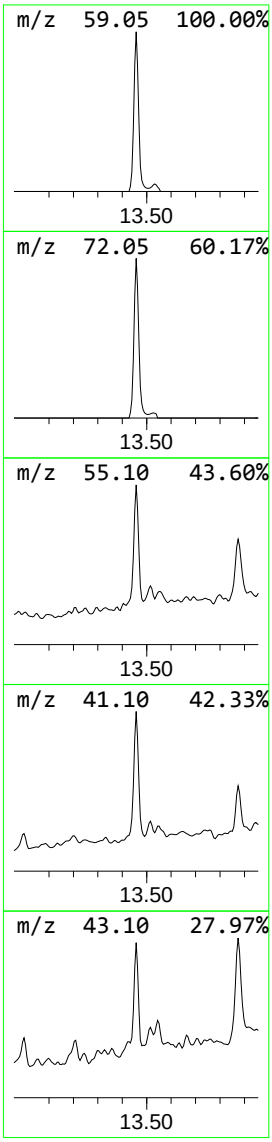
Peak Number 5 9-Octadecenamide, (Z)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.457	6.45 ng	94041	Chrysene-d12	14.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	91
2	Palmitoleamide	253	C16H31NO	106010-22-4	68
3	Dodecanamide	199	C12H25NO	001120-16-7	64
4	Octanamide	143	C8H17NO	000629-01-6	59
5	Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FNO3	061338-98-5	59





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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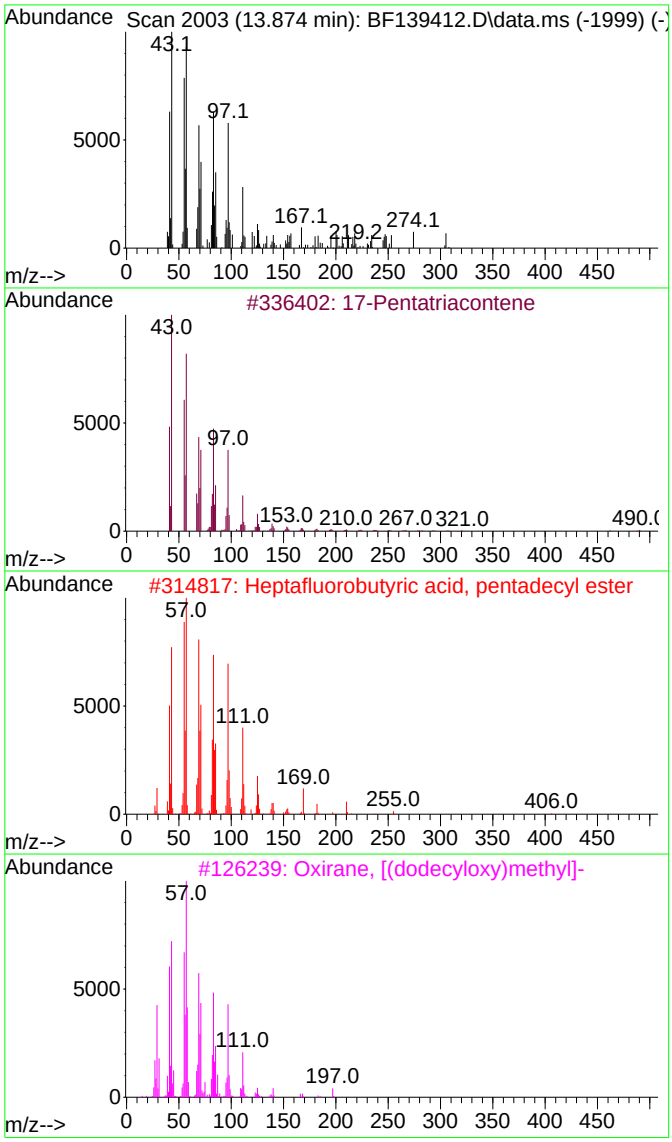
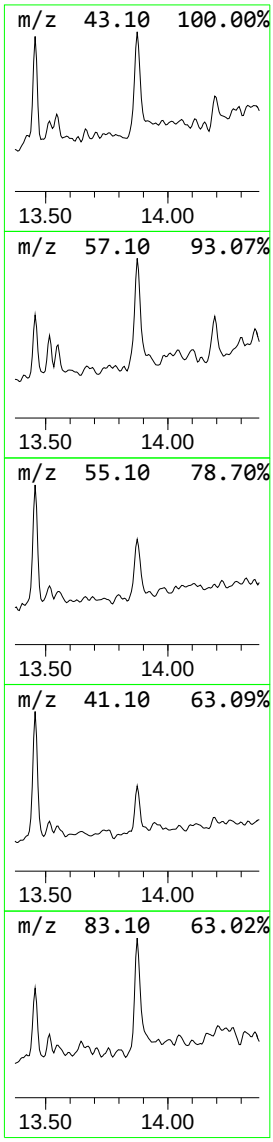
Peak Number 6 17-Pentatriacontene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.874	3.69 ng	53849	Chrysene-d12	14.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	90
2	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	90
3	Oxirane, [(dodecyloxy)methyl]-	242	C15H30O2	002461-18-9	87
4	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	87
5	Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	86





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...	2.157	28.4	ng	545763	1	6.881	384261	20.0
2-Pentanone, 4-...	5.087	2.7	ng	51826	1	6.881	384261	20.0
Benzophenone	10.621	3.7	ng	72787	3	9.910	393331	20.0
n-Hexadecanoic ...	11.916	4.3	ng	86472	4	11.398	406709	20.0
9-Octadecenamid...	13.457	6.5	ng	94041	5	14.033	291524	20.0
17-Pentatriacon...	13.874	3.7	ng	53849	5	14.033	291524	20.0