

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
 Data File : BF111703.D
 Acq On : 21 Dec 2018 22:31
 Operator : JU/SJ
 Sample : J6518-01 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 337-SOIL

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

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-BF121918.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	2.169	10	14	19	rVB	55509	75443	7.29%	0.536%
2	3.987	320	323	329	rBV	8636	12856	1.24%	0.091%
3	4.563	417	421	426	rVB	9706	15076	1.46%	0.107%
4	5.110	510	514	520	rVB	44855	46059	4.45%	0.327%
5	5.522	580	584	588	rBV	816095	733703	70.90%	5.214%
6	6.528	751	755	761	rBV	893520	773066	74.70%	5.494%
7	6.669	775	779	783	rBV	913573	772673	74.66%	5.491%
8	6.898	815	818	822	rBV	981280	892986	86.29%	6.347%
9	7.057	841	845	849	rVB	767785	600732	58.05%	4.269%
10	7.451	909	912	916	rBV	537639	446762	43.17%	3.175%
11	8.186	1033	1037	1040	rBV	1135412	1034887	100.00%	7.355%
12	9.257	1215	1219	1222	rBV	993584	754833	72.94%	5.365%
13	9.363	1230	1237	1242	rBV4	14826	26547	2.57%	0.189%
14	9.516	1260	1263	1267	rVB2	38837	28357	2.74%	0.202%
15	9.645	1283	1285	1290	rVB	47595	39588	3.83%	0.281%
16	9.939	1331	1335	1339	rBV	1273011	1030744	99.60%	7.326%
17	9.969	1339	1340	1345	rVB2	18323	13476	1.30%	0.096%
18	10.122	1361	1366	1367	rBV3	9605	13122	1.27%	0.093%
19	10.139	1367	1369	1374	rVB2	11810	13145	1.27%	0.093%
20	10.345	1400	1404	1406	rBV	14061	16945	1.64%	0.120%
21	10.486	1425	1428	1431	rVB2	19711	16053	1.55%	0.114%
22	10.722	1465	1468	1472	rBV	528196	454711	43.94%	3.232%
23	10.845	1486	1489	1497	rVB5	15790	22890	2.21%	0.163%
24	10.963	1507	1509	1513	rVB3	20967	22153	2.14%	0.157%
25	11.227	1551	1554	1558	rVB	19294	18487	1.79%	0.131%
26	11.292	1560	1565	1568	rVV5	13453	25574	2.47%	0.182%
27	11.321	1568	1570	1574	rVB2	16140	16111	1.56%	0.115%
28	11.427	1584	1588	1590	rBV	1074942	1022323	98.79%	7.266%
29	11.445	1590	1591	1594	rVV	238807	160643	15.52%	1.142%
30	11.498	1598	1600	1603	rVB	45709	35242	3.41%	0.250%
31	11.651	1621	1626	1629	rBV3	29255	41623	4.02%	0.296%
32	11.816	1651	1654	1657	rBV	259541	201750	19.49%	1.434%
33	11.927	1670	1673	1674	rBV	39722	39908	3.86%	0.284%
34	11.951	1674	1677	1681	rVV2	105024	120729	11.67%	0.858%

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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

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.004	1683	1686	1689	rVV3	22875	31620	3.06%	0.225%
36	12.039	1689	1692	1694	rVV2	59267	64166	6.20%	0.456%
37	12.063	1694	1696	1700	rVB	33885	27811	2.69%	0.198%
38	12.221	1720	1723	1725	rBV	31421	35059	3.39%	0.249%
39	12.504	1768	1771	1772	rBV	243709	211258	20.41%	1.501%
40	12.521	1772	1774	1777	rVB	526898	424009	40.97%	3.013%
41	12.610	1785	1789	1791	rBV	270333	225671	21.81%	1.604%
42	12.633	1791	1793	1796	rVV	336802	307932	29.76%	2.189%
43	12.680	1799	1801	1808	rVV8	29912	54876	5.30%	0.390%
44	12.863	1826	1832	1839	rBV	303901	399003	38.56%	2.836%
45	12.980	1850	1852	1853	rBV2	28926	25561	2.47%	0.182%
46	13.004	1853	1856	1860	rVB	830126	696397	67.29%	4.949%
47	13.198	1886	1889	1894	rBV4	51181	91105	8.80%	0.647%
48	13.439	1928	1930	1936	rVB2	119134	113902	11.01%	0.810%
49	13.898	2005	2008	2014	rBV3	134315	192942	18.64%	1.371%
50	14.062	2032	2036	2038	rBV2	924292	887380	85.75%	6.307%
51	14.086	2038	2040	2043	rVB	118394	89987	8.70%	0.640%
52	14.533	2114	2116	2120	rVB	132296	140832	13.61%	1.001%
53	15.545	2285	2288	2292	rVB	466057	511748	49.45%	3.637%

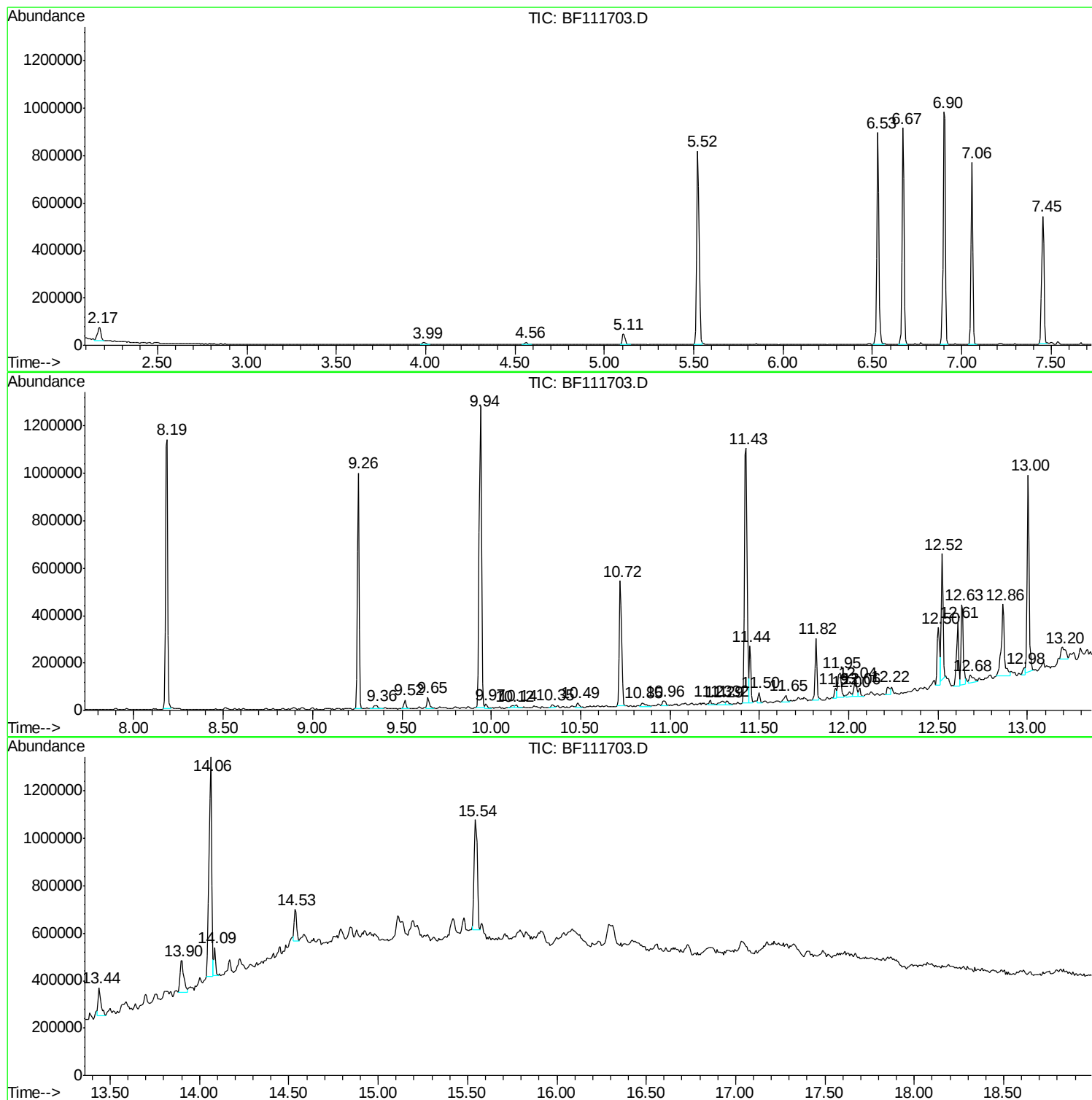
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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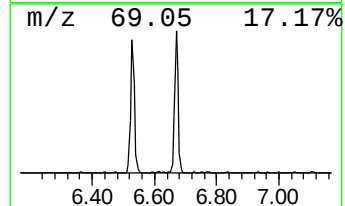
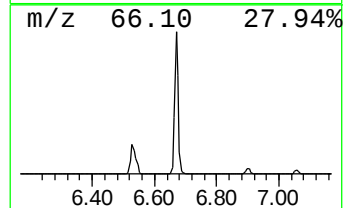
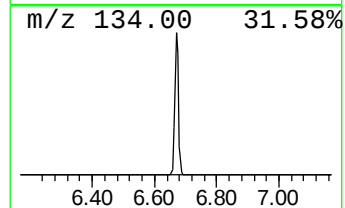
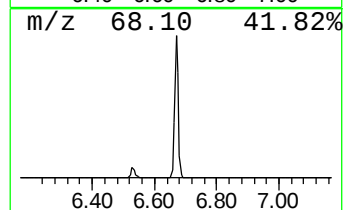
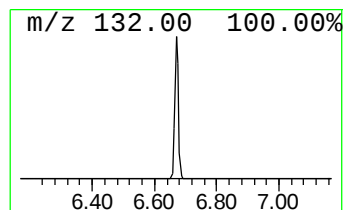
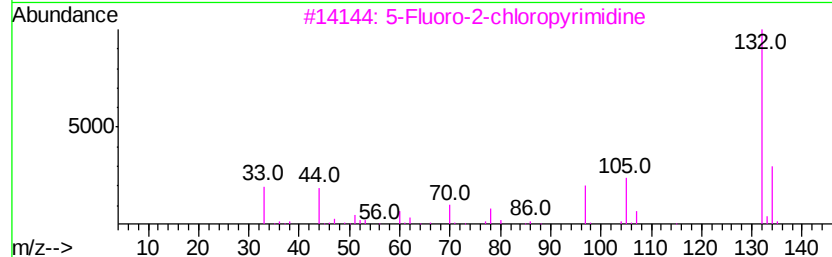
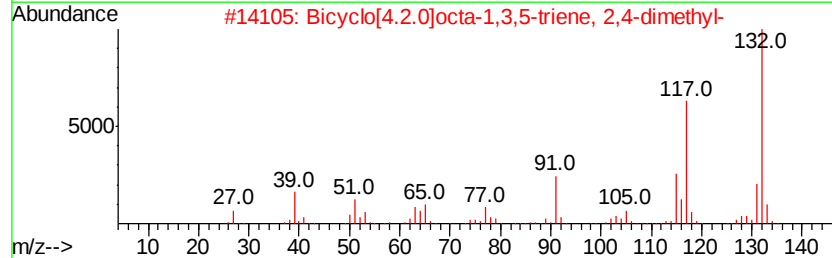
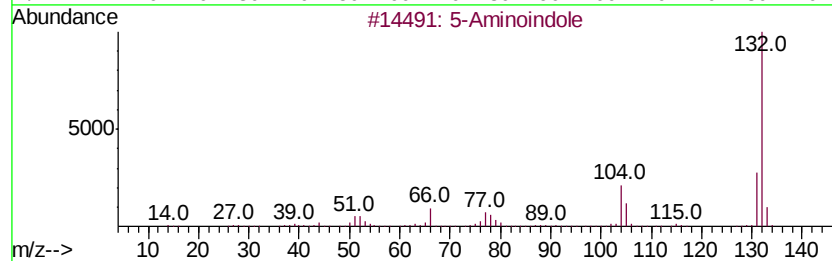
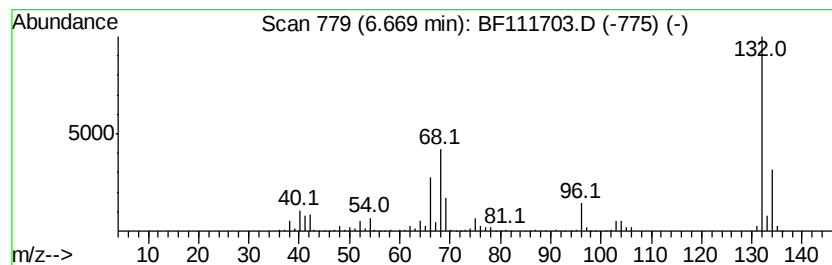
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.67 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	17.31 ng	772673	1,4-Dichlorobenzene-d4	6.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Aminoindole	132	C8H8N2	005192-03-0	12
2		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
3		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
4		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5		1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9



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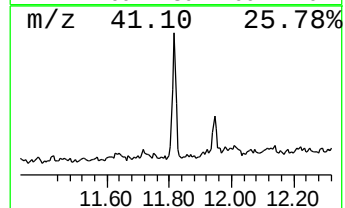
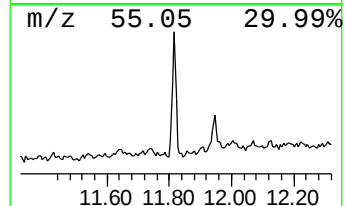
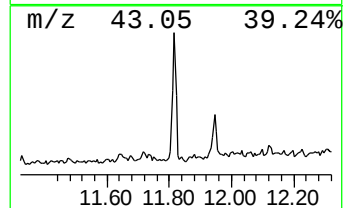
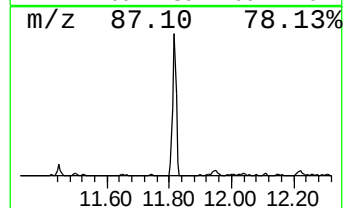
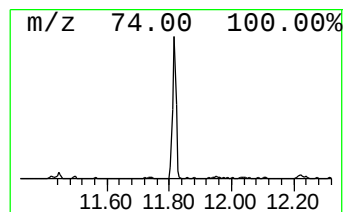
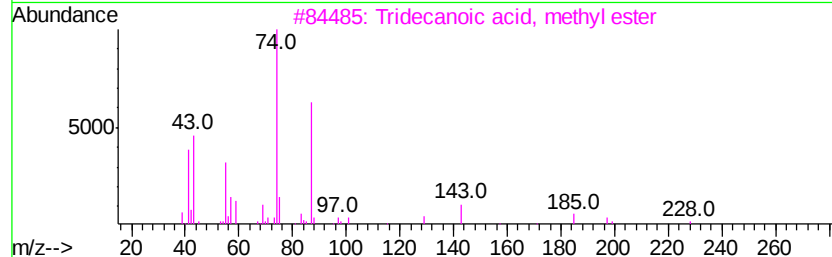
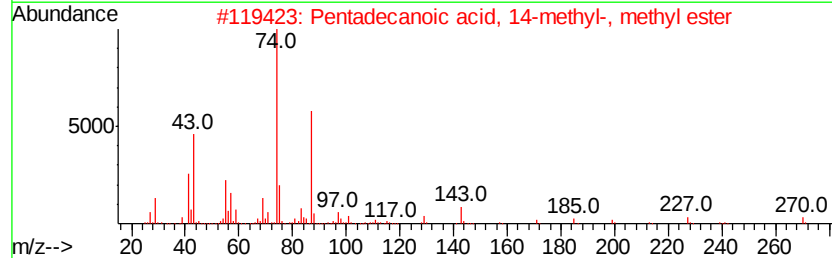
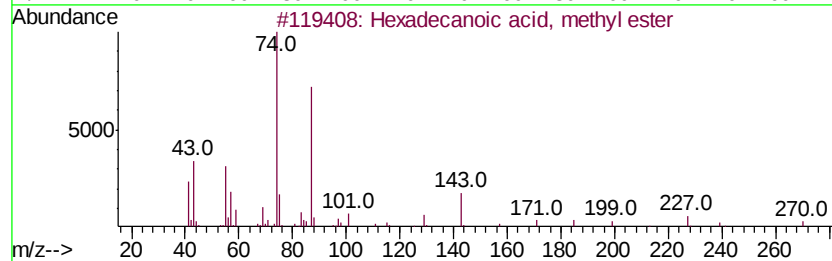
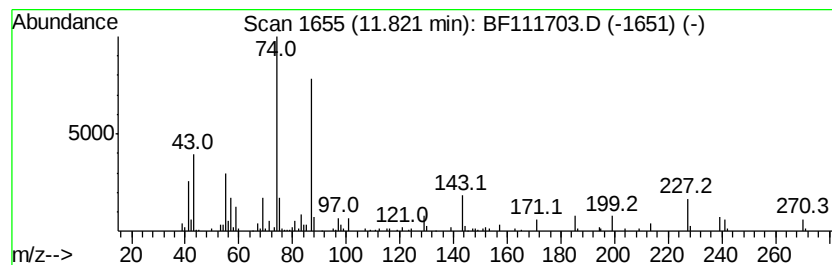
Instrument :
BNA_F
ClientSampleId :
337-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Hexadecanoic acid, methyl e... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.82	3.95 ng	201750	Phenanthrene-d10	11.43	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	95
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
4	Dodecanoic acid, 10-methyl-, met...	228	C14H28O2	005129-65-7	87
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	80



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Misc :
ALS Vial : 24 Sample Multiplier: 1

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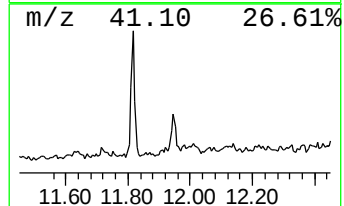
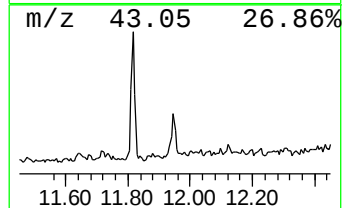
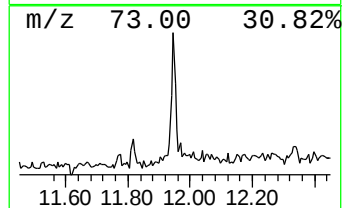
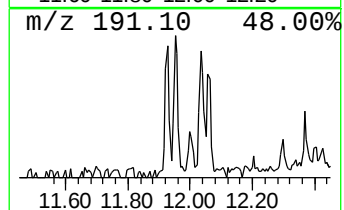
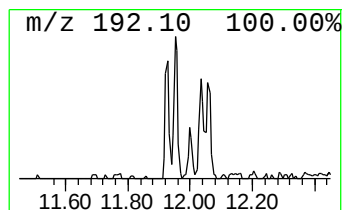
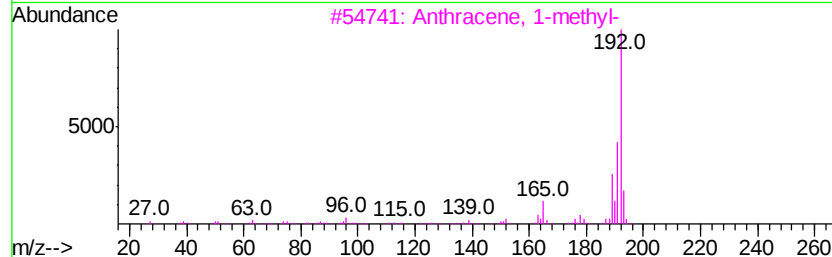
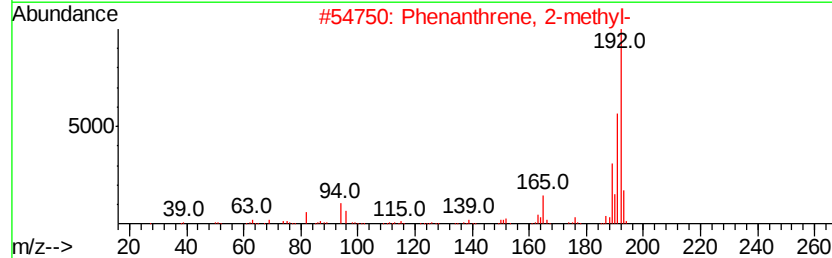
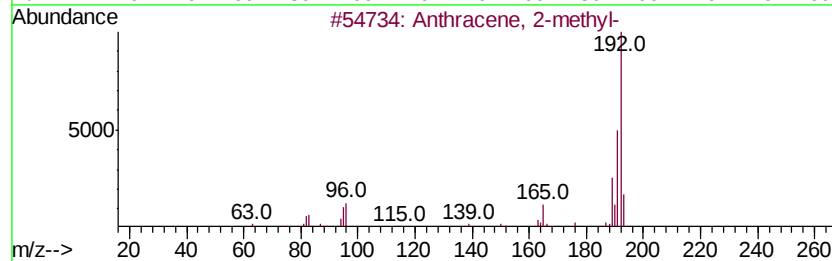
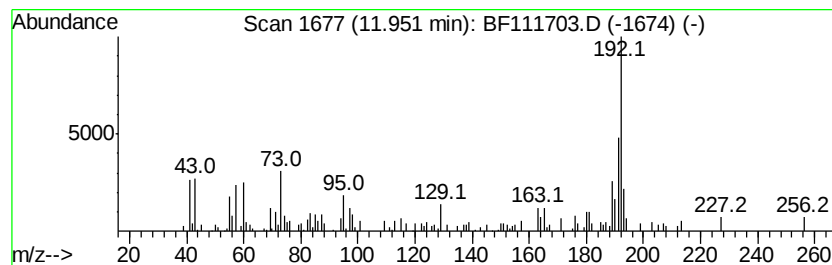
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Anthracene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	2.36 ng	120729	Phenanthrene-d10	11.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	70
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	64
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	64
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	64
5		Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	64



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Misc :
ALS Vial : 24 Sample Multiplier: 1

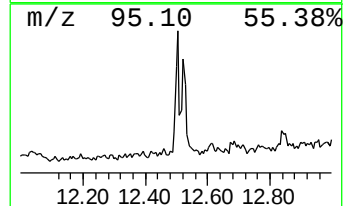
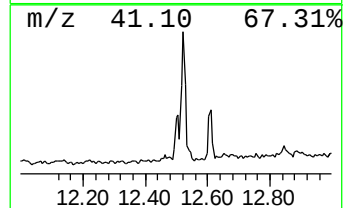
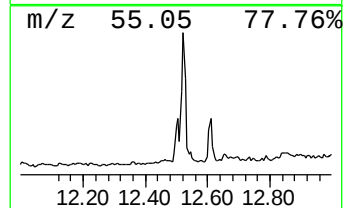
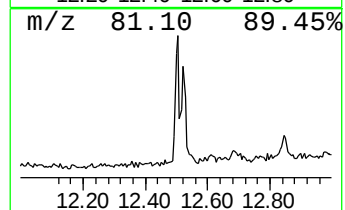
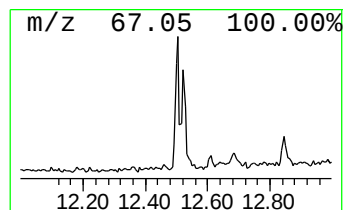
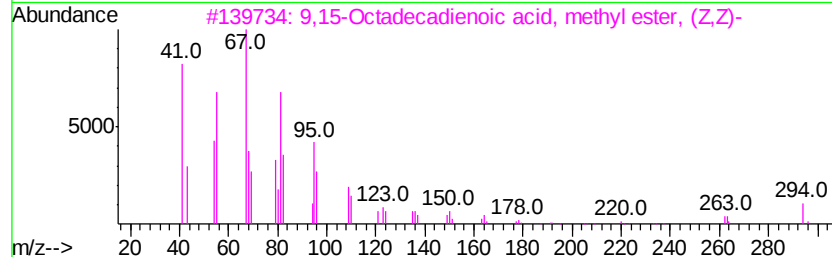
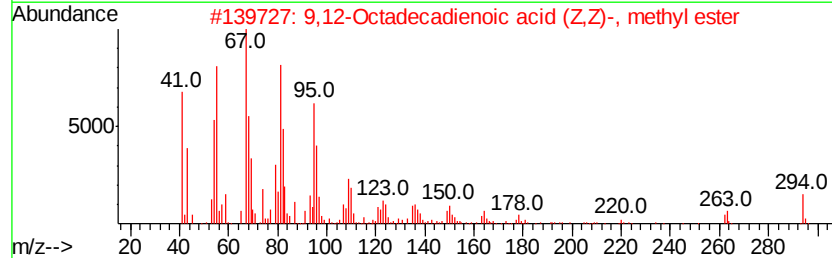
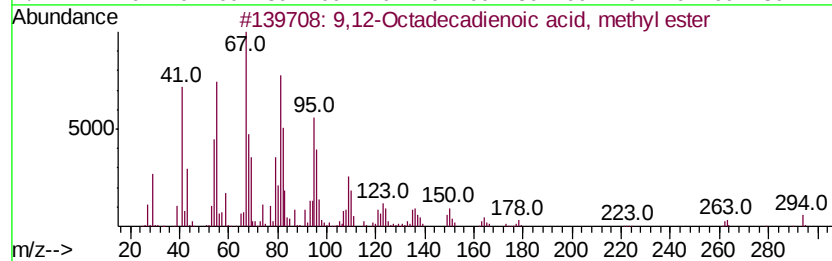
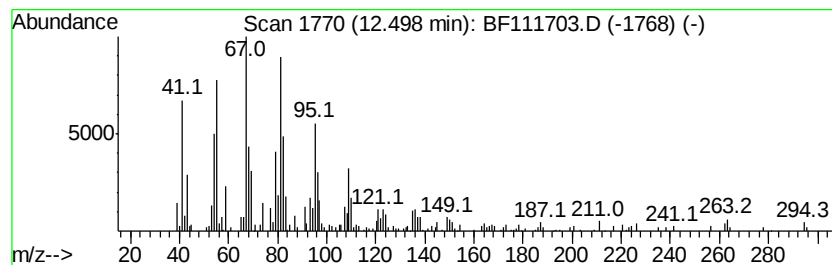
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 9,12-Octadecadienoic acid, ... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.50	4.13 ng	211258	Phenanthrene-d10	11.43	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methv...	294	C19H34O2	002462-85-3	99
2	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
3	9,15-Octadecadienoic acid, methv...	294	C19H34O2	017309-05-6	97
4	9,12-Octadecadienoic acid, methv...	294	C19H34O2	002566-97-4	95
5	9,17-Octadecadienal, (Z)-	264	C18H32O	056554-35-9	93



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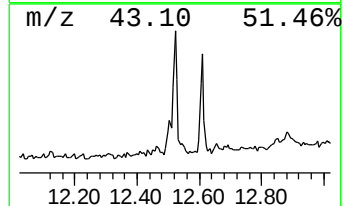
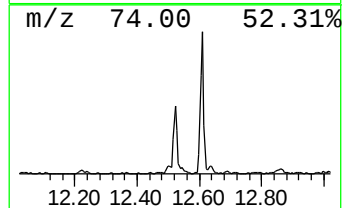
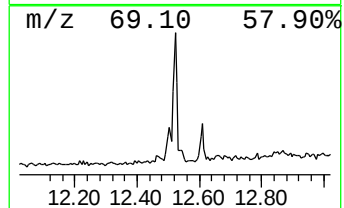
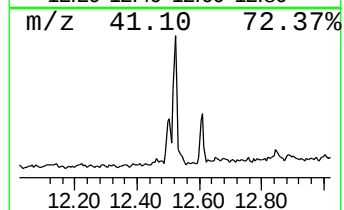
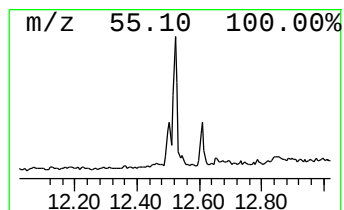
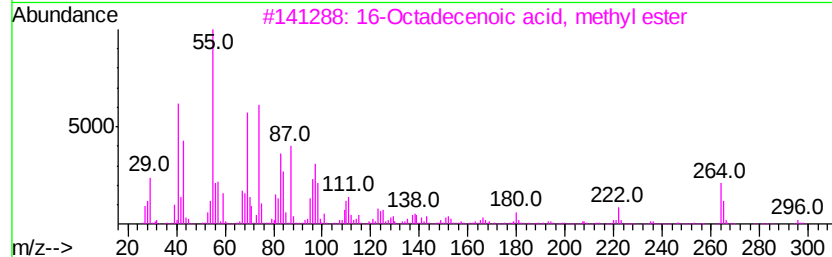
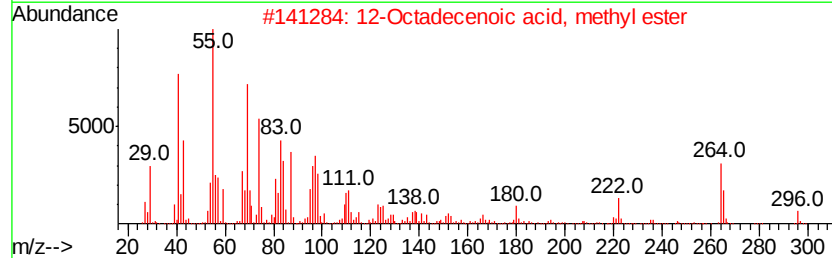
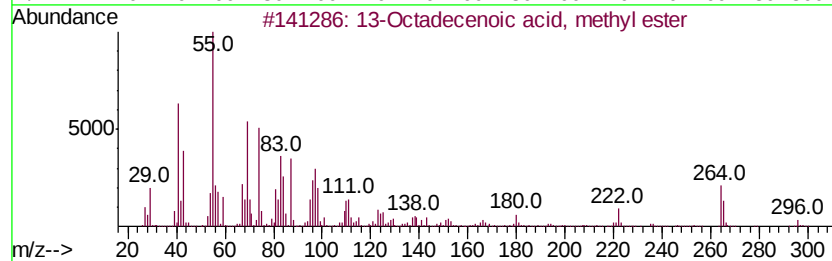
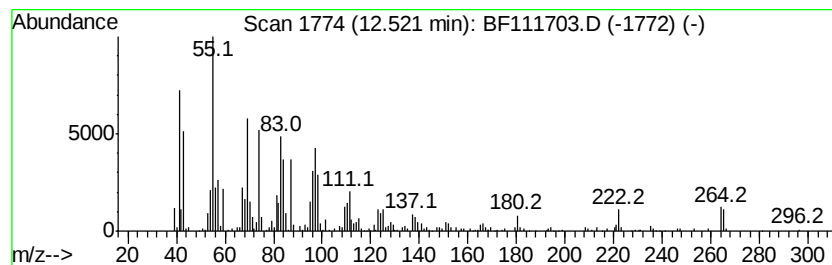
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 13-Octadecenoic acid, methyl ester Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	8.30 ng	424009	Phenanthrene-d10	11.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
2		12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	99
3		16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	98
4		14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	96
5		15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
Data File : BF111703.D
Acq On : 21 Dec 2018 22:31
Operator : JU/SJ
Sample : J6518-01 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

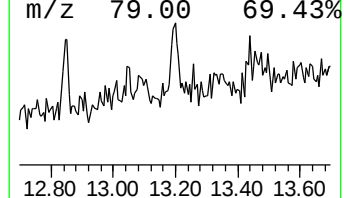
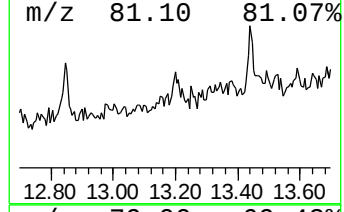
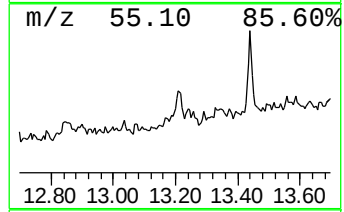
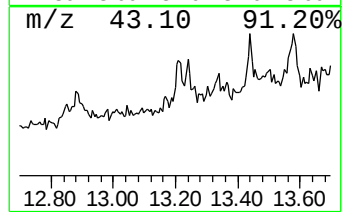
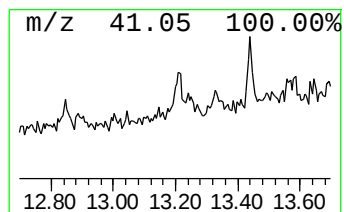
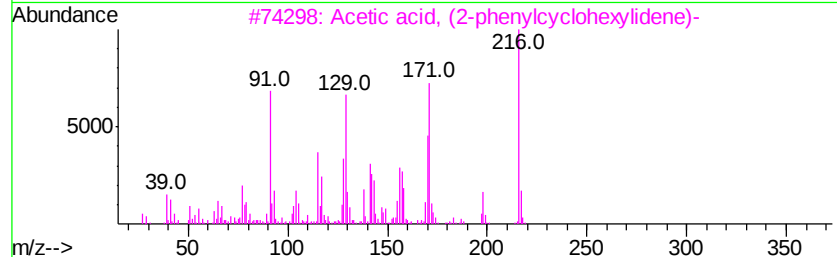
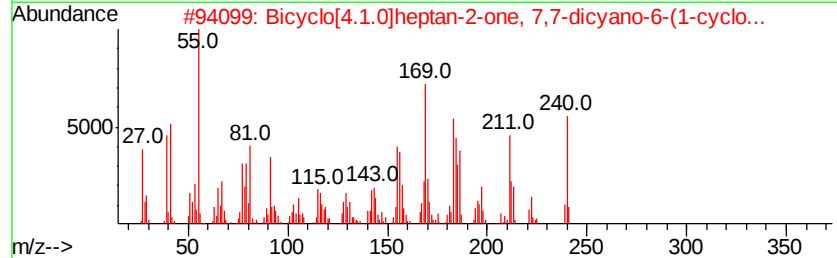
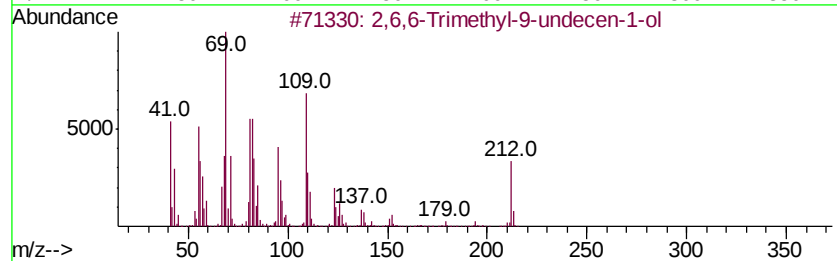
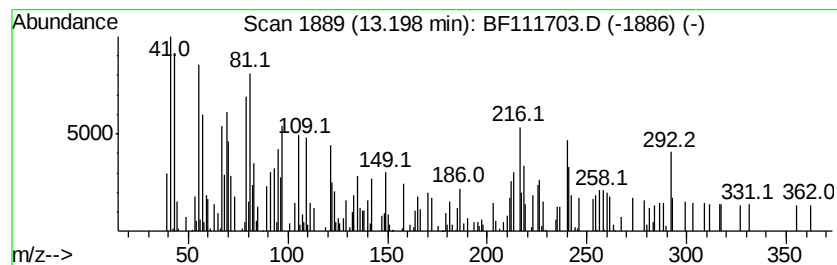
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ClientSampleId :
337-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown13.20 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.20	2.05 ng	91105	Chrysene-d12	14.06
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2,6,6-Trimethyl-9-undecen-1-ol	212 C14H28O	1000131-31-6	10
2	Bicyclo[4.1.0]heptan-2-one, 7,7-...	240 C15H16N2O	1000163-69-2	9
3	Acetic acid, (2-phenylcyclohexylidene-...	216 C14H16O2	019910-00-0	9
4	Dimethyl-1,8-naphthalenedioxysilane	216 C12H12O2Si	006398-60-3	9
5	3-Quinolinecarboxylic acid, 2-am...	216 C12H12N2O2	1000319-36-2	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
Data File : BF111703.D
Acq On : 21 Dec 2018 22:31
Operator : JU/SJ
Sample : J6518-01 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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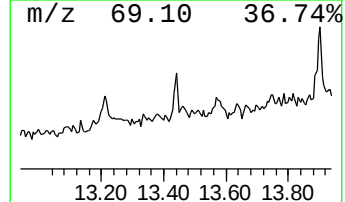
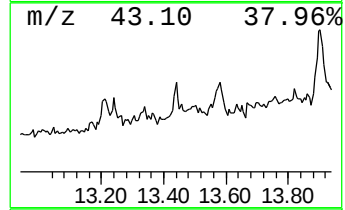
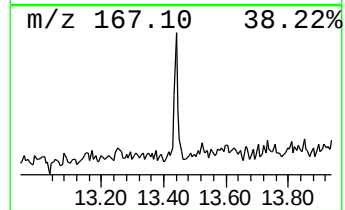
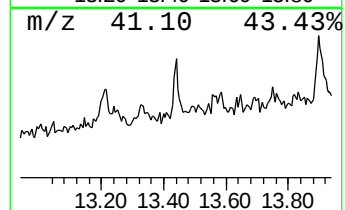
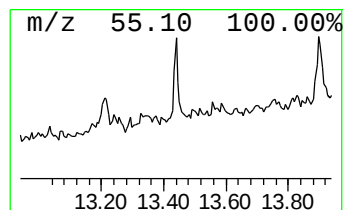
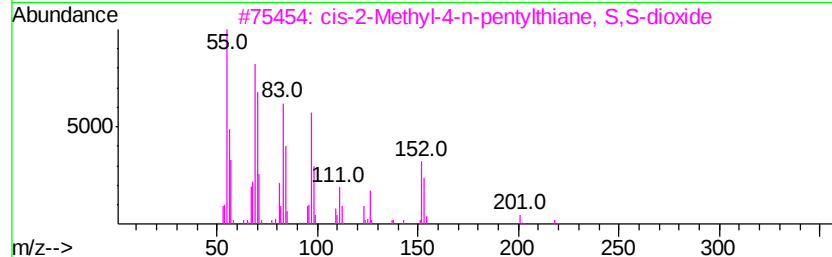
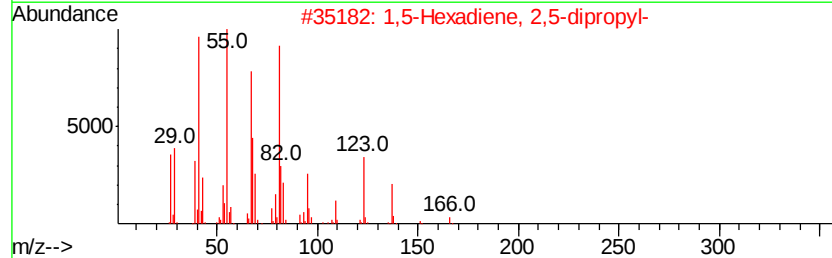
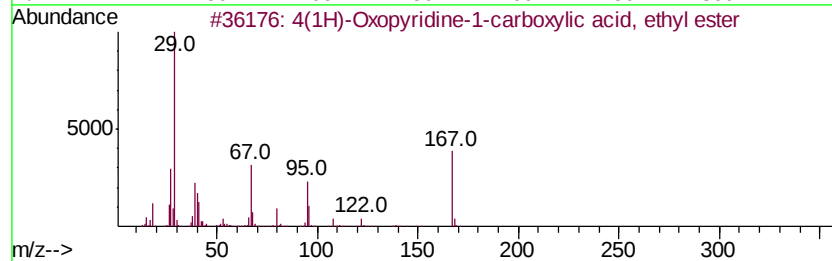
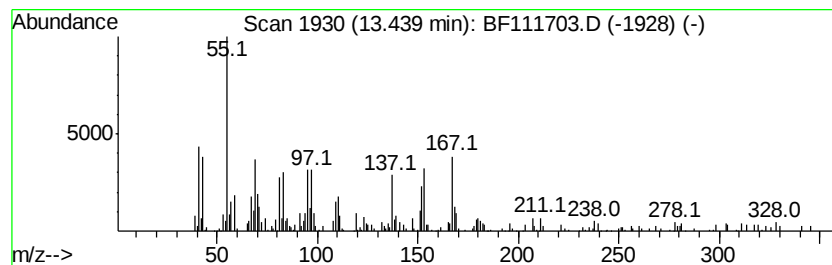
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown13.44 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.44	2.57 ng	113902	Chrysene-d12	14.06

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	4(1H)-Oxopvridine-1-carboxylic a...	167	C8H9NO3	057330-83-3	12		
2	1,5-Hexadiene, 2,5-dipropyl-	166	C12H22	1000158-33-4	11		
3	cis-2-Methyl-4-n-pentylthiane, S...	218	C11H22O2S	1000215-67-9	10		
4	Bicyclo[3.3.1]nonane-2,8-dione	152	C9H12O2	160651-01-4	10		
5	2-Methyl-Z,Z-3,13-octadecadienol	280	C19H36O	1000130-90-5	10		



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
Data File : BF111703.D
Acq On : 21 Dec 2018 22:31
Operator : JU/SJ
Sample : J6518-01 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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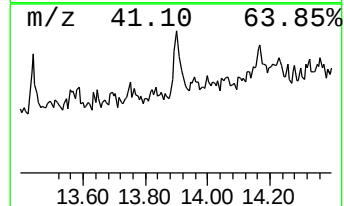
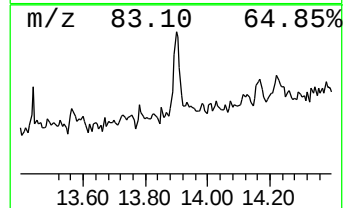
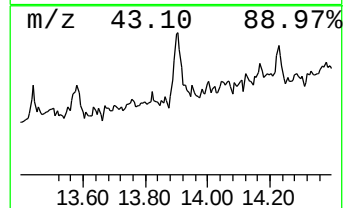
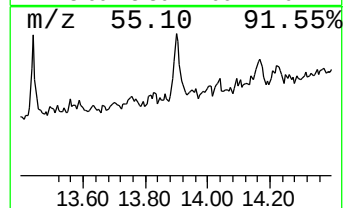
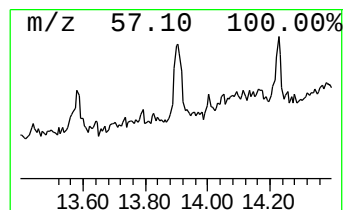
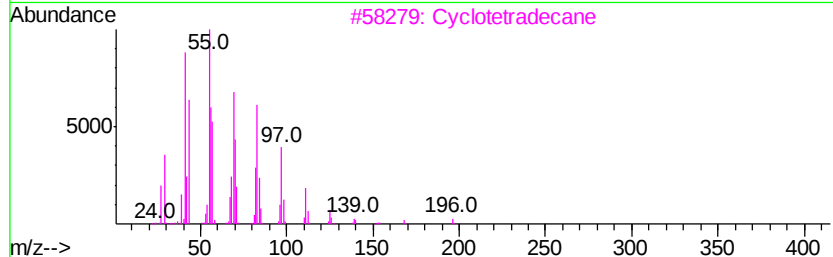
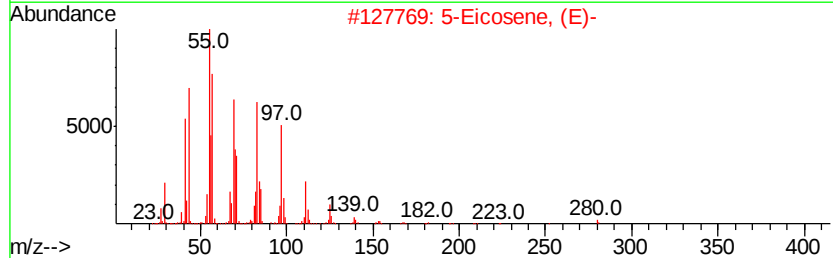
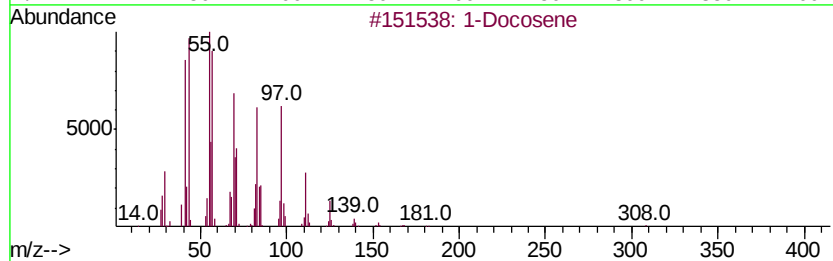
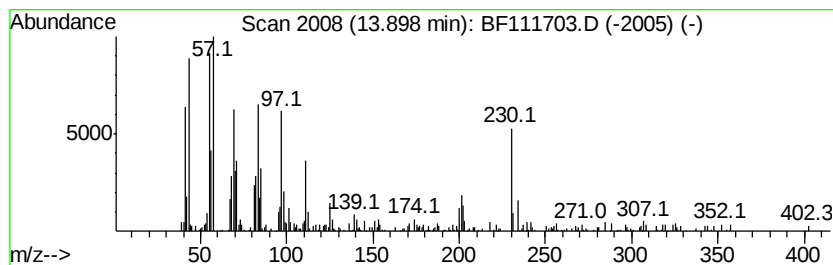
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 1-Docosene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	4.35 ng	192942	Chrysene-d12	14.06

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene		308	C22H44	001599-67-3	97
2	5-Eicosene, (E)-		280	C20H40	074685-30-6	95
3	Cyclotetradecane		196	C14H28	000295-17-0	83
4	9-Eicosene, (E)-		280	C20H40	074685-29-3	83
5	Cyclotetracosane		336	C24H48	000297-03-0	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
Data File : BF111703.D
Acq On : 21 Dec 2018 22:31
Operator : JU/SJ
Sample : J6518-01 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

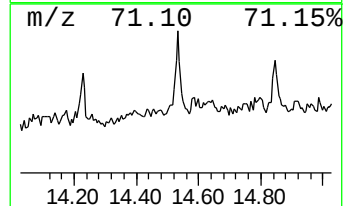
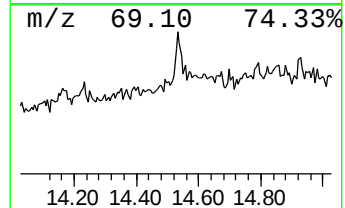
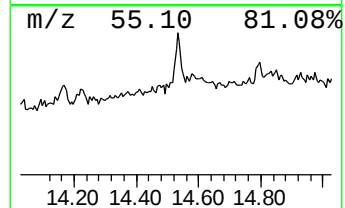
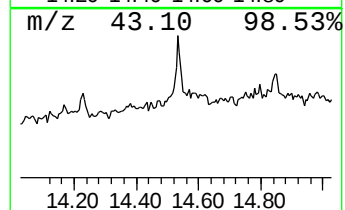
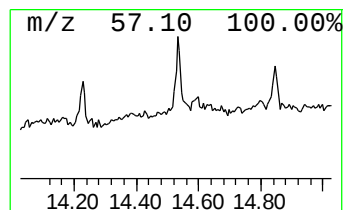
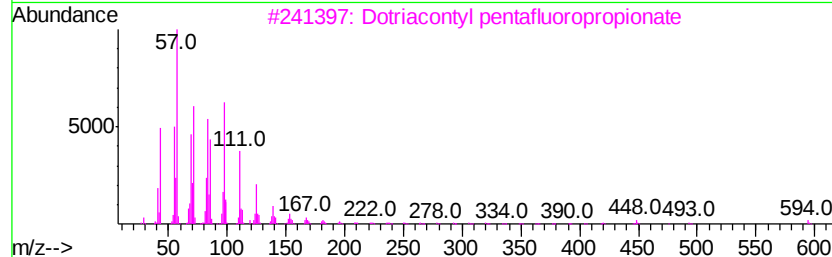
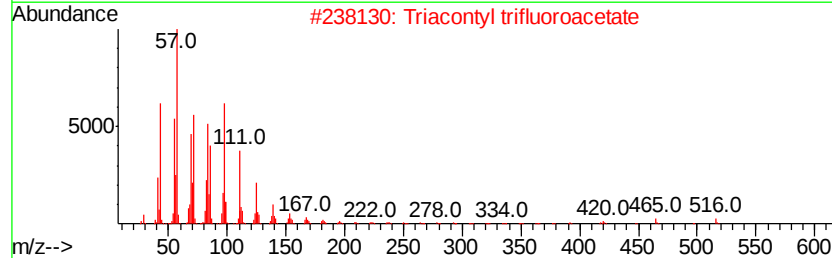
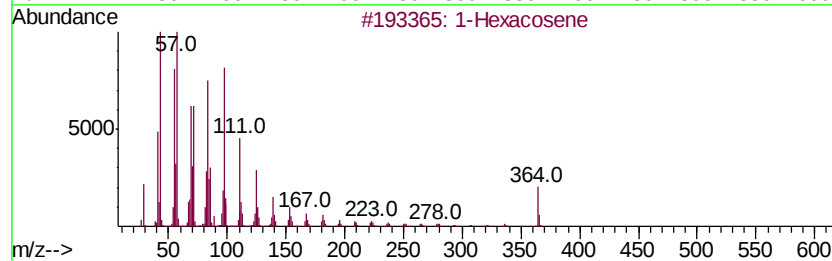
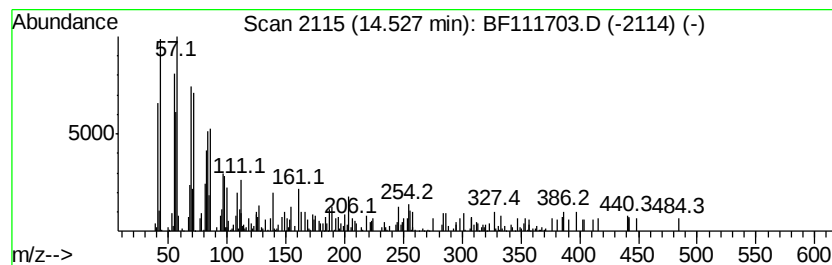
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1-Hexacosene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.53	3.17 ng	140832	Chrysene-d12	14.06
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Hexacosene	364 C26H52	018835-33-1	93
2	Triacontyl trifluoroacetate	534 C32H61F3O2	1000351-75-7	90
3	Dotriacontyl pentafluoropropionate	612 C35H65F5O2	1000351-81-4	90
4	Triacontyl pentafluoropropionate	584 C33H61F5O2	1000351-80-0	90
5	Oxalic acid, isobutyl heptadecyl...	384 C23H44O4	1000309-38-2	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122118\
Data File : BF111703.D
Acq On : 21 Dec 2018 22:31
Operator : JU/SJ
Sample : J6518-01 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
337-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown6.67	6.67	17.3	ng	772673	1	6.90	892986	20.0
Hexadecanoic acid...	11.82	4.0	ng	201750	4	11.43	1022320	20.0
Anthracene, 2-met...	11.95	2.4	ng	120729	4	11.43	1022320	20.0
9,12-Octadecadien...	12.50	4.1	ng	211258	4	11.43	1022320	20.0
13-Octadecenoic a...	12.52	8.3	ng	424009	4	11.43	1022320	20.0
unknown13.20	13.20	2.0	ng	91105	5	14.06	887380	20.0
unknown13.44	13.44	2.6	ng	113902	5	14.06	887380	20.0
1-Docosene	13.90	4.3	ng	192942	5	14.06	887380	20.0
1-Hexacosene	14.53	3.2	ng	140832	5	14.06	887380	20.0