

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120518\
 Data File : BF111117.D
 Acq On : 5 Dec 2018 19:54
 Operator : JU/SJ
 Sample : J5764-25 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-113018-C

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-BF120518.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	4.998	491	495	505	rVB	294382	355370	2.12%	0.316%
2	5.410	560	565	568	rBV	6736116	6184086	36.88%	5.494%
3	6.428	733	738	744	rBV	7376723	6858146	40.90%	6.093%
4	6.569	758	762	766	rBV	7254853	6423775	38.31%	5.707%
5	6.804	798	802	806	rBV	4441458	3531301	21.06%	3.137%
6	6.963	825	829	832	rVB	5941921	4788489	28.56%	4.254%
7	7.363	892	897	900	rBV	4354099	4025135	24.01%	3.576%
8	8.086	1016	1020	1023	rBV	5830093	4750746	28.33%	4.221%
9	8.692	1119	1123	1126	rBV	317031	282249	1.68%	0.251%
10	9.163	1199	1203	1206	rBV	8669656	6649525	39.66%	5.907%
11	9.257	1215	1219	1222	rBV	443802	370657	2.21%	0.329%
12	9.551	1267	1269	1272	rBV	478850	425603	2.54%	0.378%
13	9.786	1306	1309	1312	rBV	488909	394122	2.35%	0.350%
14	9.839	1313	1318	1322	rBV2	5359210	4586283	27.35%	4.074%
15	10.280	1391	1393	1396	rVB	567878	460985	2.75%	0.410%
16	10.504	1427	1431	1434	rBV	182427	200547	1.20%	0.178%
17	10.621	1447	1451	1454	rBV	3639751	2971123	17.72%	2.640%
18	10.757	1471	1474	1476	rBV	620362	567098	3.38%	0.504%
19	11.204	1547	1550	1553	rBV	562874	447763	2.67%	0.398%
20	11.233	1553	1555	1559	rVB	185081	176798	1.05%	0.157%
21	11.321	1566	1570	1572	rBV	4280079	3566559	21.27%	3.168%
22	11.345	1572	1574	1577	rVB	411716	298349	1.78%	0.265%
23	11.627	1619	1622	1625	rBV	413313	404793	2.41%	0.360%
24	11.727	1636	1639	1642	rBV	7315177	5553927	33.13%	4.934%
25	11.857	1657	1661	1665	rBV2	924112	841173	5.02%	0.747%
26	12.039	1689	1692	1699	rVB	357234	372156	2.22%	0.331%
27	12.415	1752	1756	1758	rBV	17215709	16766485	100.00%	14.895%
28	12.439	1758	1760	1766	rVV	13568371	11770511	70.20%	10.457%
29	12.521	1770	1774	1779	rBV2	2813107	2718335	16.21%	2.415%
30	12.562	1779	1781	1785	rVB2	309830	302332	1.80%	0.269%
31	12.639	1791	1794	1800	rBV2	571975	587590	3.50%	0.522%
32	12.757	1810	1814	1818	rVB2	725159	728525	4.35%	0.647%
33	12.798	1818	1821	1824	rBV	260758	197798	1.18%	0.176%
34	12.904	1836	1839	1843	rBV	4783585	4339494	25.88%	3.855%

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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	13.080	1866	1869	1870	rBV	371862	316431	1.89%	0.281%
36	13.151	1879	1881	1886	rVB3	343232	514503	3.07%	0.457%
37	13.245	1894	1897	1898	rBV	279384	215016	1.28%	0.191%
38	13.492	1937	1939	1944	rBV	218015	198266	1.18%	0.176%
39	13.815	1991	1994	2000	rBV2	831413	943475	5.63%	0.838%
40	13.909	2008	2010	2013	rBV3	203534	217838	1.30%	0.194%
41	13.951	2013	2017	2020	rBV	3190266	3204679	19.11%	2.847%
42	14.139	2047	2049	2052	rVB	314785	249456	1.49%	0.222%
43	14.445	2099	2101	2106	rVB	345466	314835	1.88%	0.280%
44	14.745	2150	2152	2155	rBV	405977	410144	2.45%	0.364%
45	15.080	2206	2209	2214	rVB	451983	505363	3.01%	0.449%
46	15.392	2258	2262	2266	rVB	1662589	1990128	11.87%	1.768%
47	15.451	2269	2272	2276	rVB	479532	585488	3.49%	0.520%

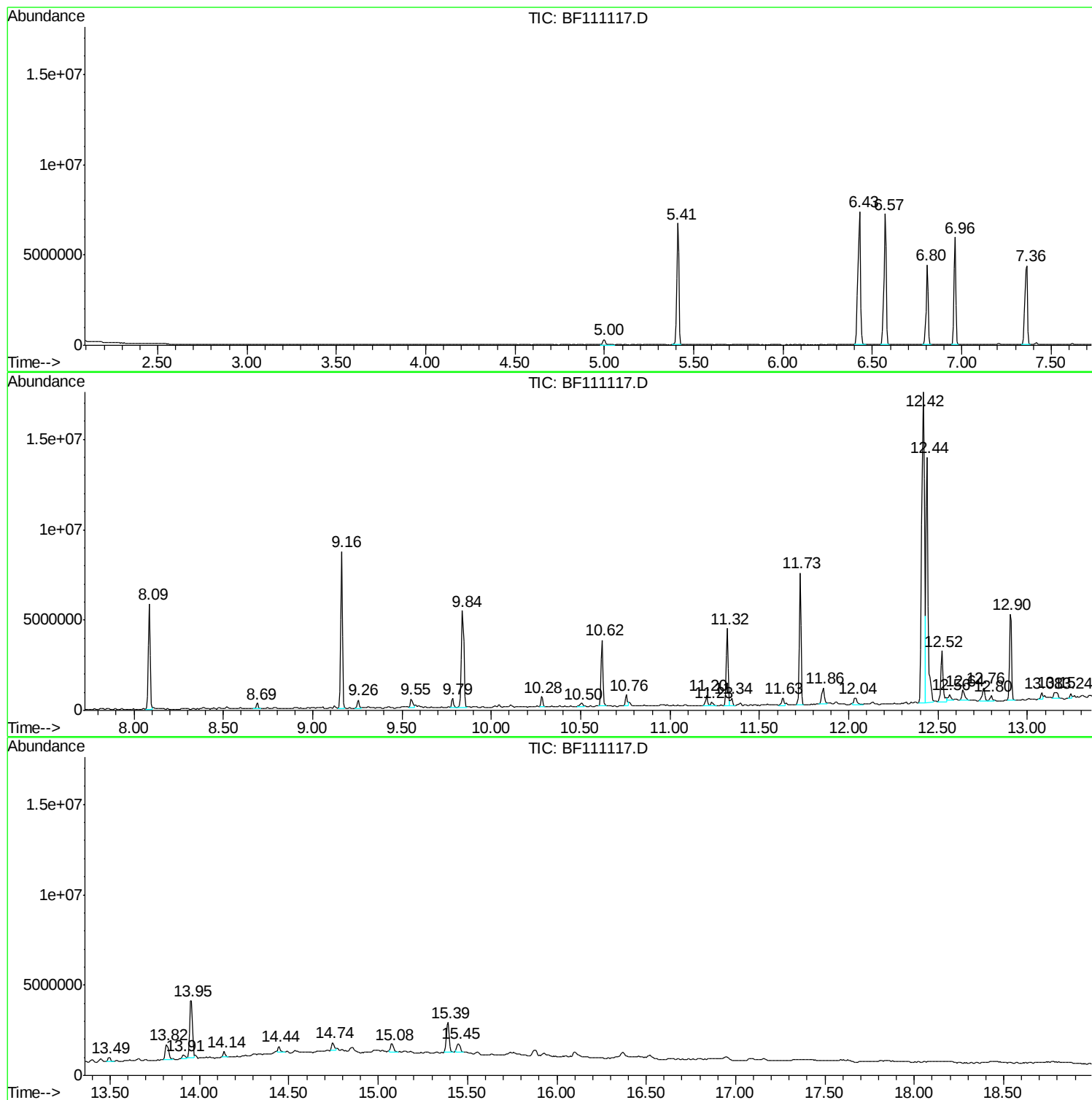
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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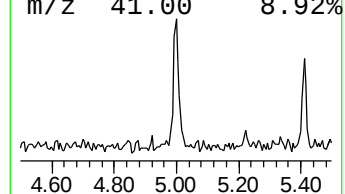
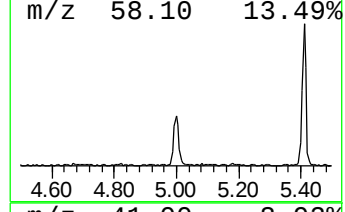
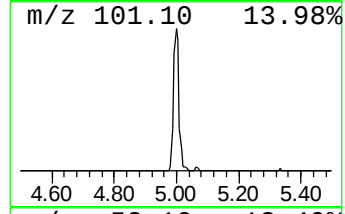
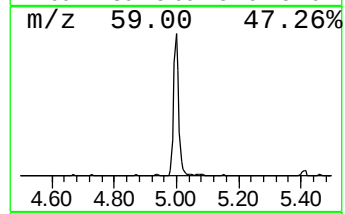
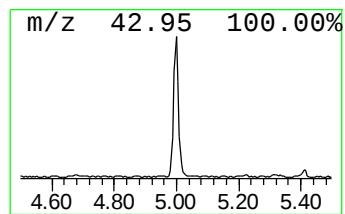
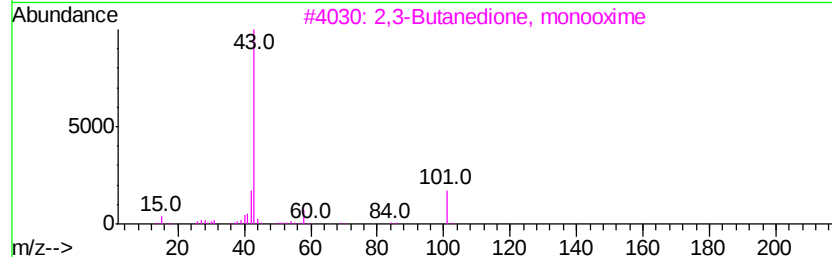
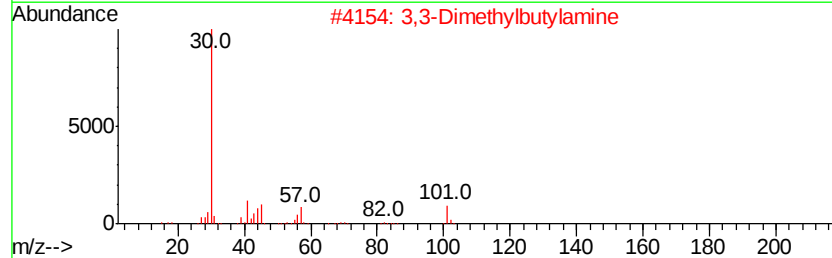
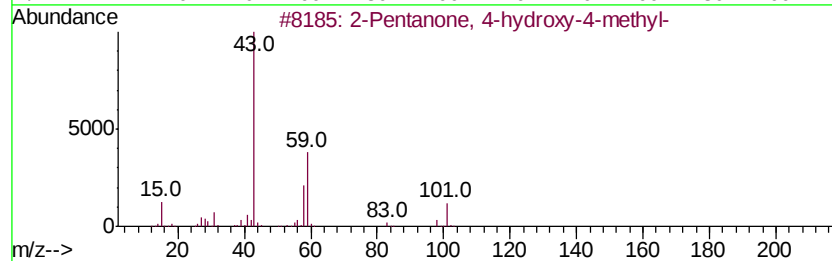
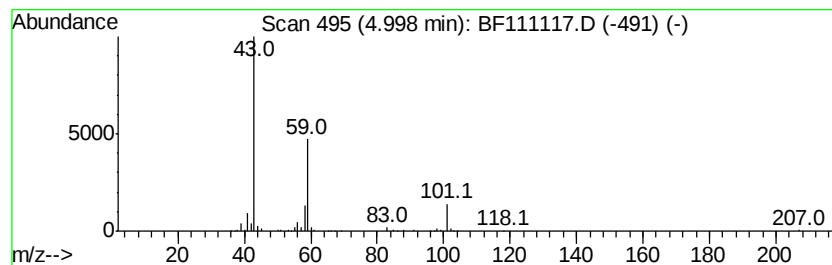
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	2.01 ng	355370	1,4-Dichlorobenzene-d4	6.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			3,3-Dimethylbutylamine	101	C6H15N	015673-00-4	9
3			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4			t-Butyl nitrite	103	C4H9NO2	000540-80-7	9
5			1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9



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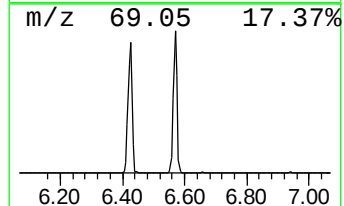
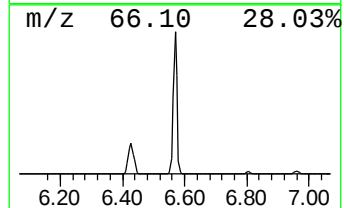
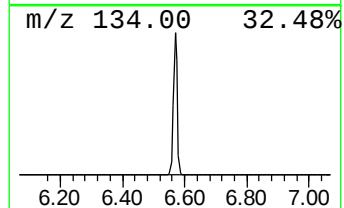
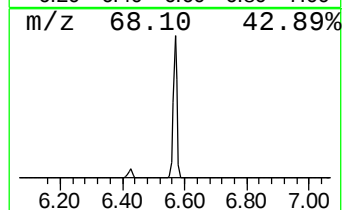
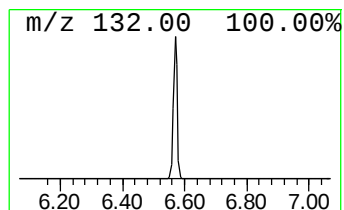
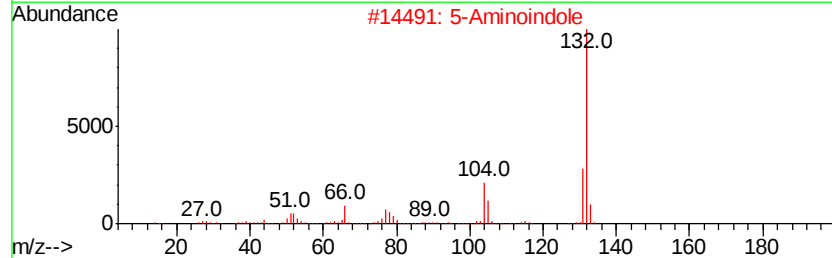
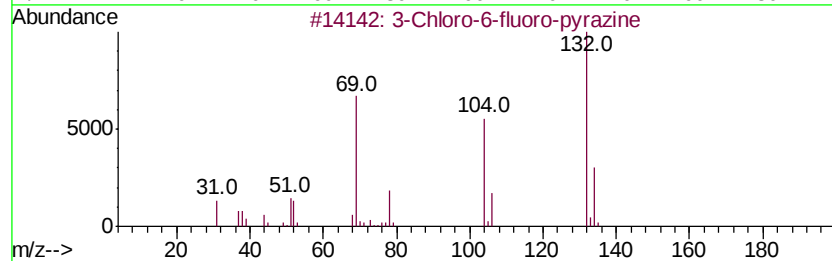
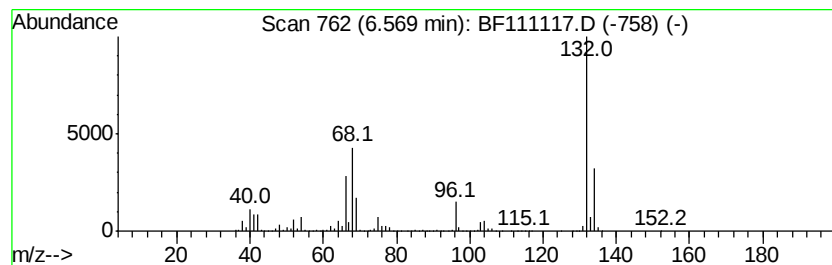
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.57 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	36.38 ng	6423780	1,4-Dichlorobenzene-d4	6.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2			5-Aminoindole	132	C8H8N2	005192-03-0	12
3			Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10
4			1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5			Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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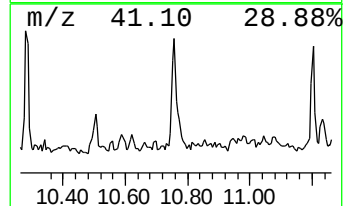
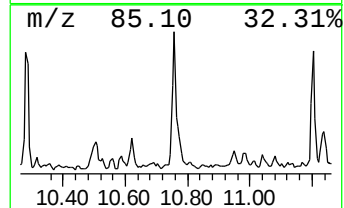
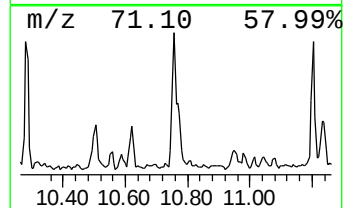
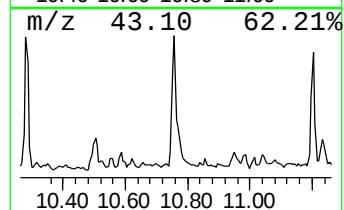
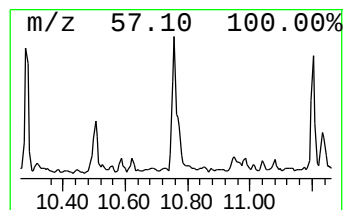
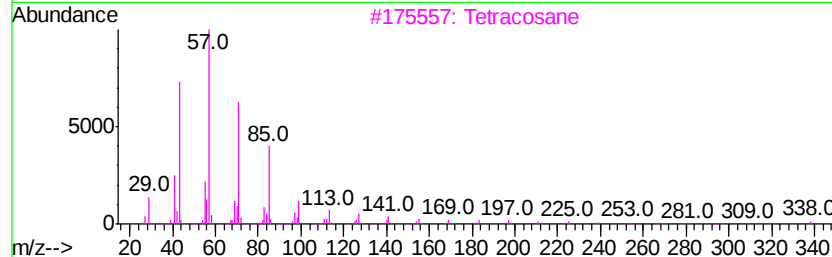
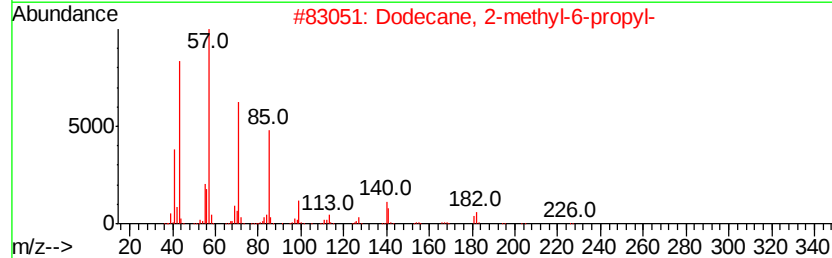
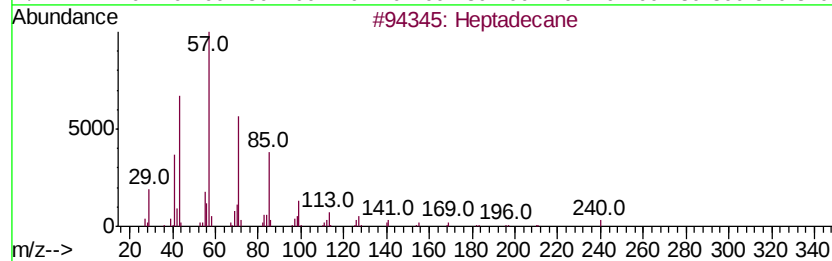
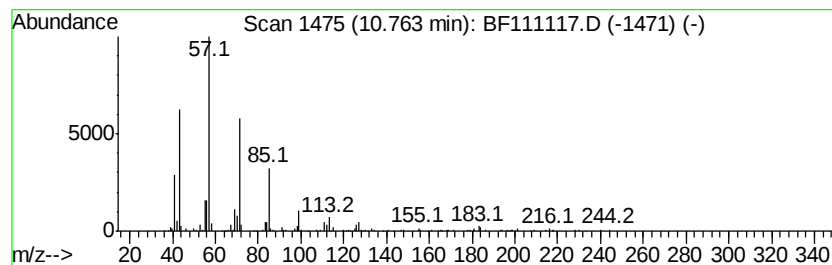
Instrument :
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ClientSampleId :
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Heptadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.76	3.18 ng	567098	Phenanthrene-d10		11.32
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
3	Tetracosane	338	C24H50	000646-31-1	90
4	Eicosane	282	C20H42	000112-95-8	90
5	Hexadecane	226	C16H34	000544-76-3	86



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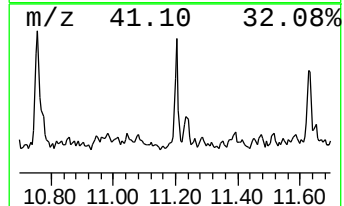
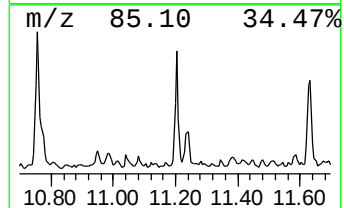
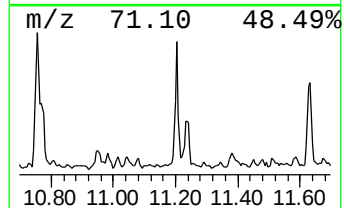
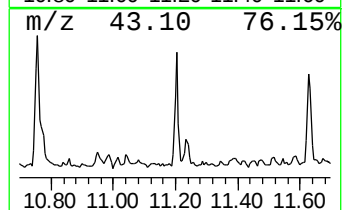
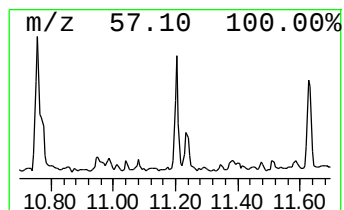
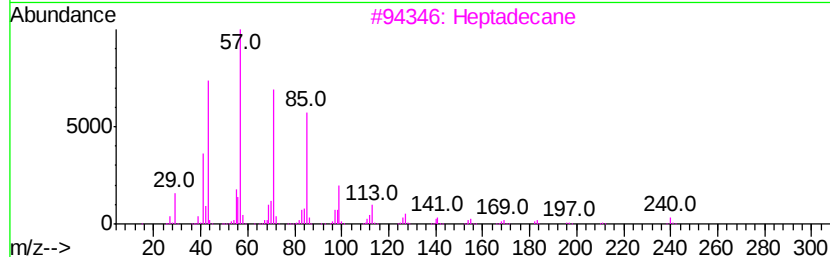
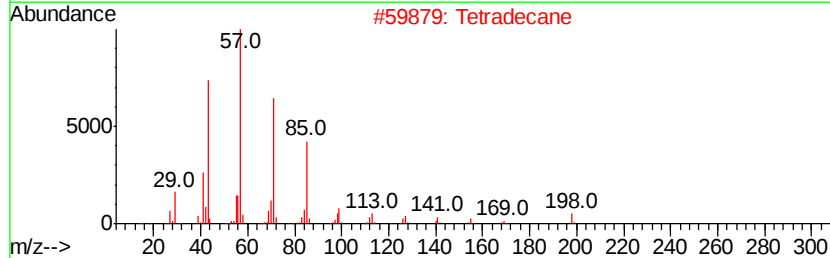
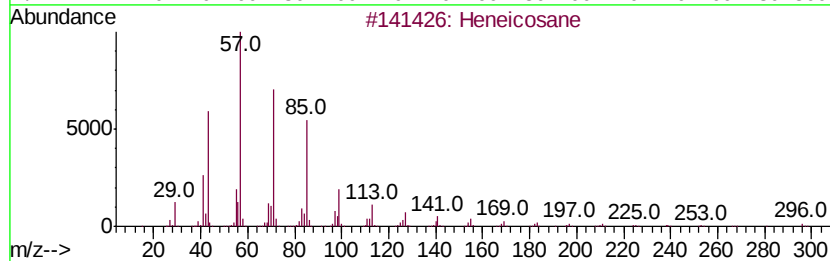
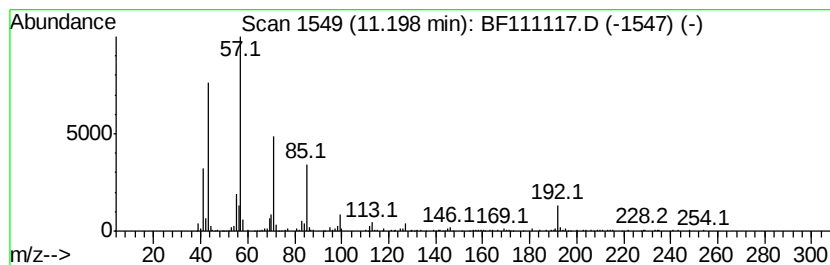
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Heneicosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.20	2.51 ng	447763	Phenanthrene-d10	11.32

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	90
2	Tetradecane		198	C14H30	000629-59-4	90
3	Heptadecane		240	C17H36	000629-78-7	90
4	Tridecane		184	C13H28	000629-50-5	86
5	Undecane, 2-methyl-		170	C12H26	007045-71-8	83



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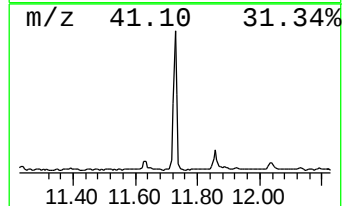
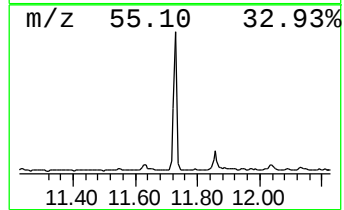
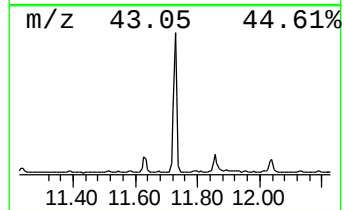
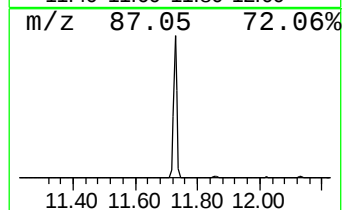
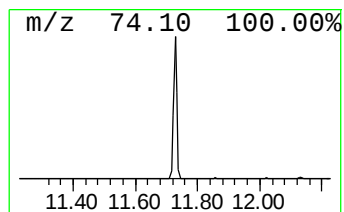
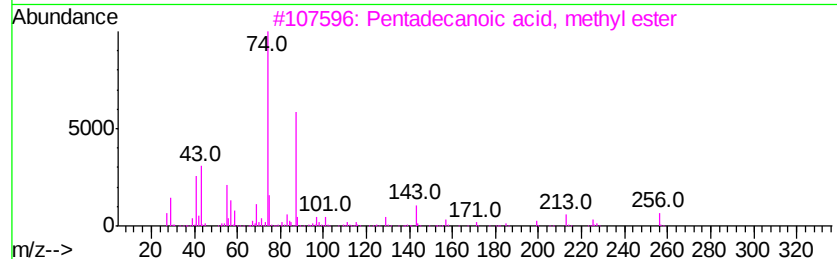
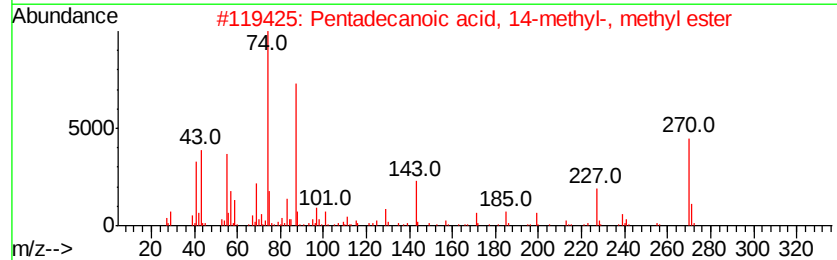
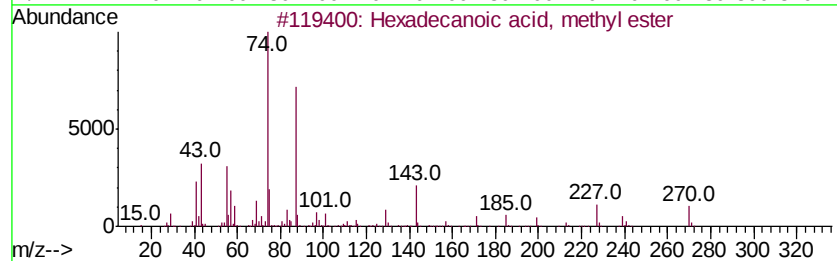
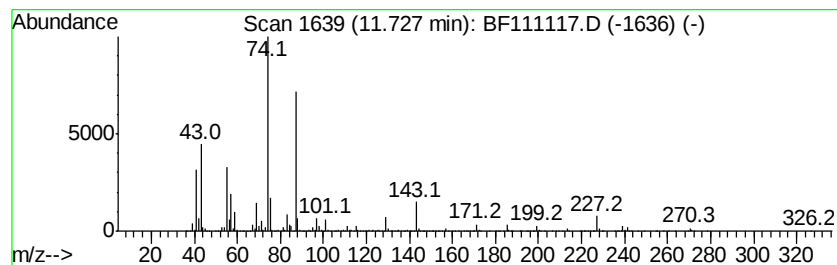
Instrument :
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ClientSampleId :
JC-02-113018-C

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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 Hexadecanoic acid, methyl e... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.73	31.14 ng	5553930	Phenanthrene-d10	11.32		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	94
2		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	94
3		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
4		Methyl 11-methyl-dodecanoate	228	C14H28O2	1000336-45-1	90
5		Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120518\
Data File : BF111117.D
Acq On : 5 Dec 2018 19:54
Operator : JU/SJ
Sample : J5764-25 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

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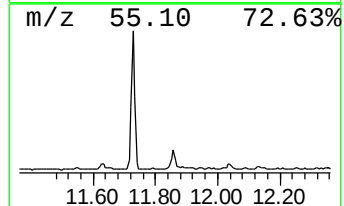
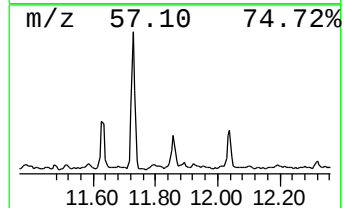
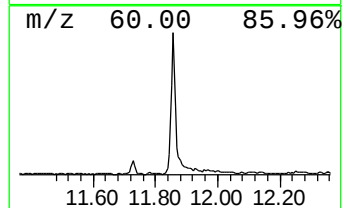
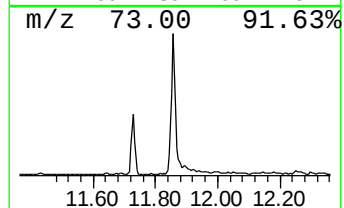
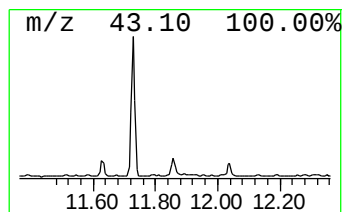
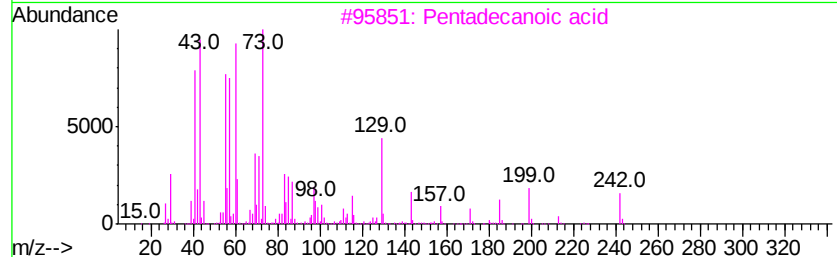
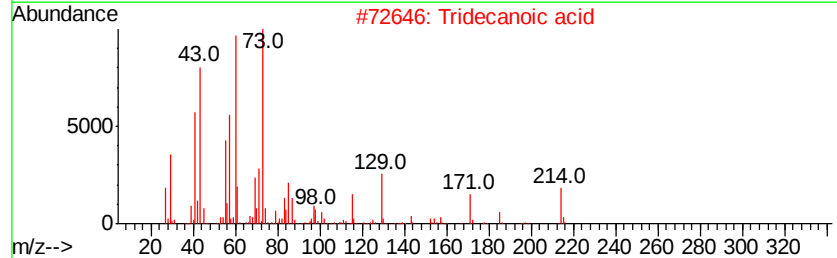
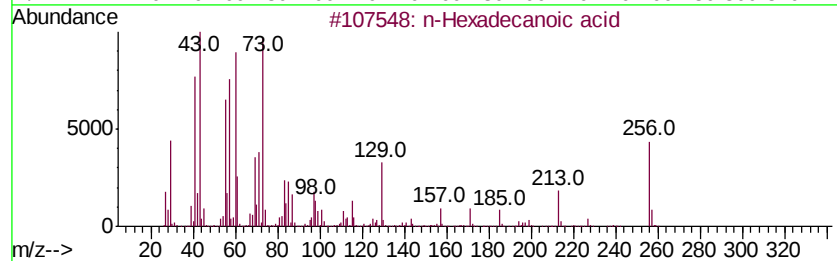
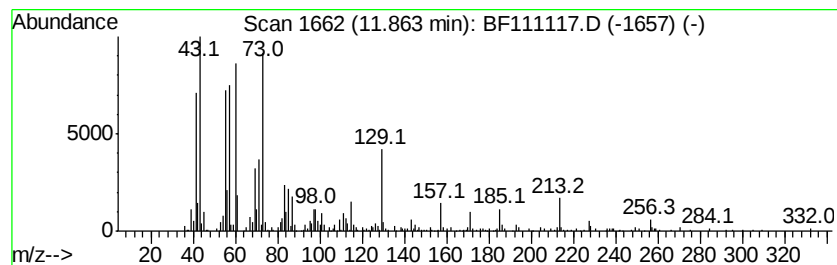
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	4.72 ng	841173	Phenanthrene-d10	11.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2		Tridecanoic acid	214	C13H26O2	000638-53-9	81
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	74
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5		Undecanoic acid	186	C11H22O2	000112-37-8	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120518\
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Sample : J5764-25 2X
Misc :
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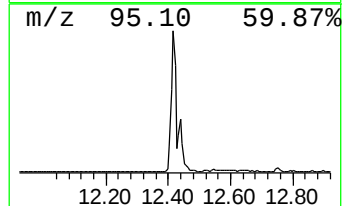
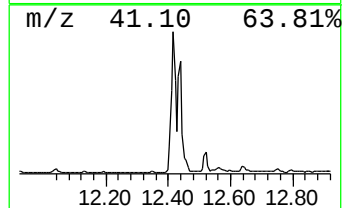
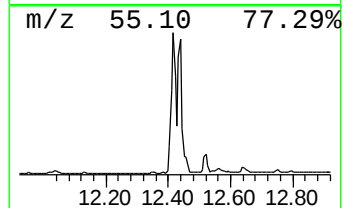
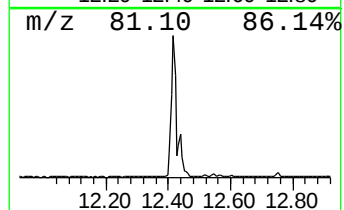
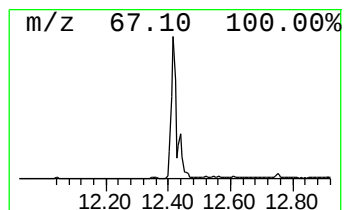
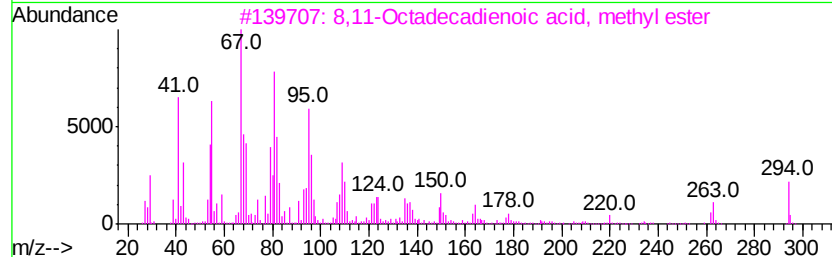
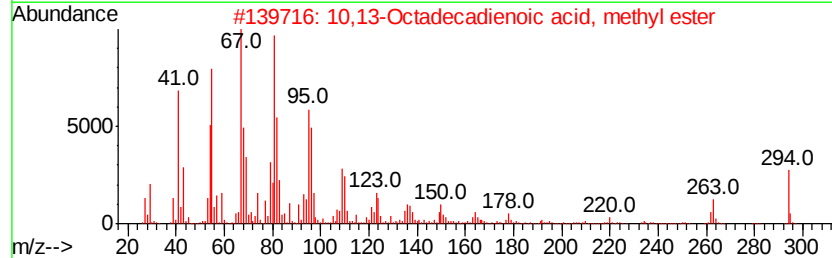
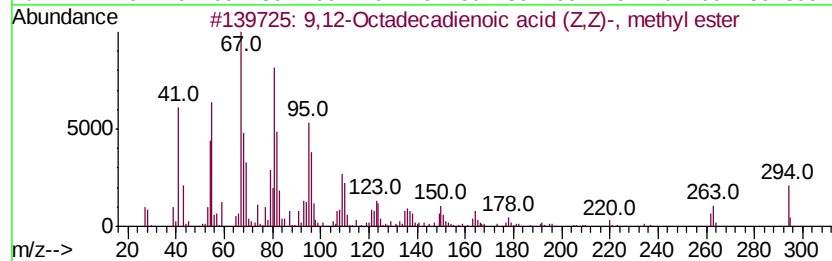
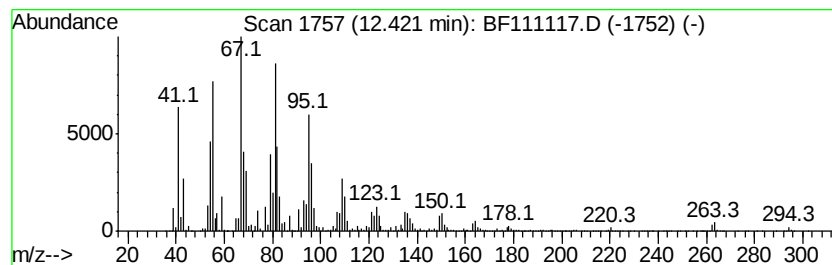
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 9,12-Octadecadienoic acid (... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.			
12.42	94.02 ng	16766500	Phenanthrene-d10	11.32			
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99		
2	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	98		
3	8,11-Octadecadienoic acid, methv...	294	C19H34O2	056599-58-7	98		
4	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	98		
5	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	97		



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120518\
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JC-02-113018-C

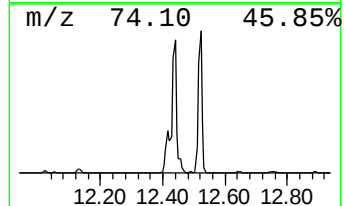
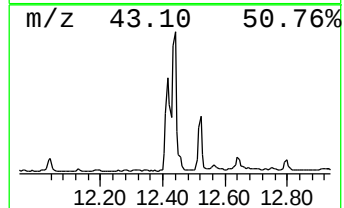
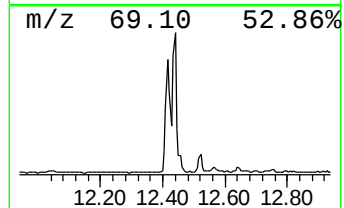
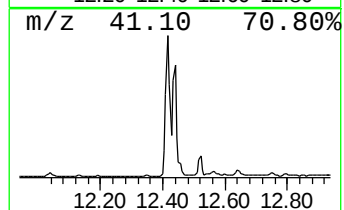
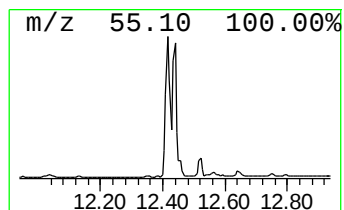
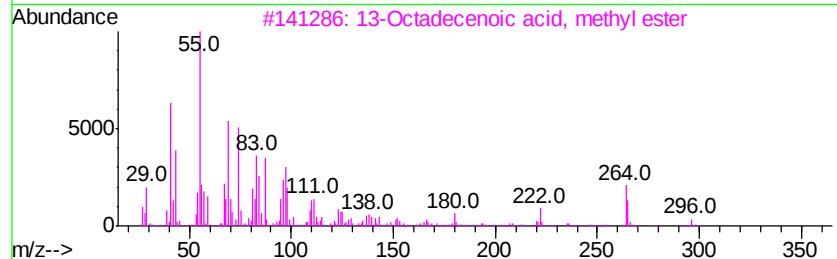
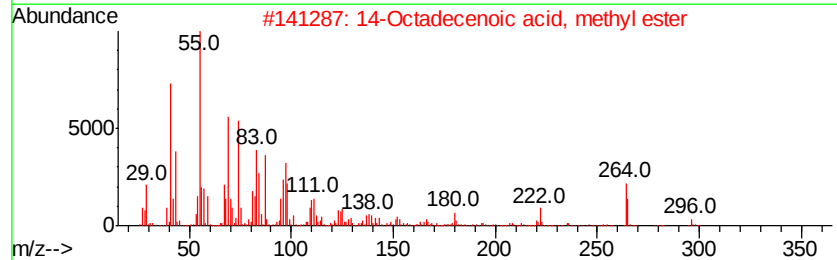
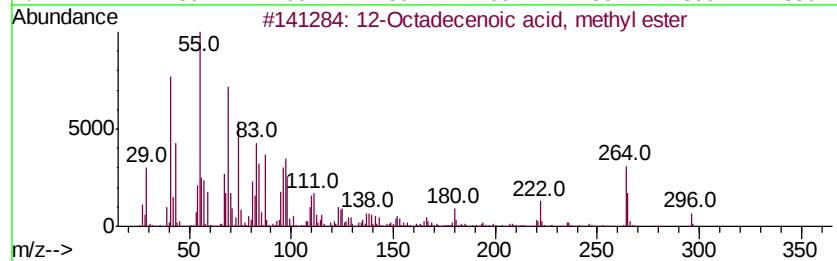
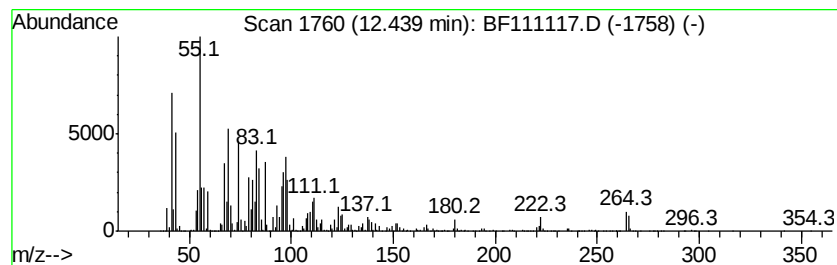
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 12-Octadecenoic acid, methy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	66.00 ng	11770500	Phenanthrene-d10	11.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	99
2		14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
3		13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
4		11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	94
5		9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120518\
Data File : BF111117.D
Acq On : 5 Dec 2018 19:54
Operator : JU/SJ
Sample : J5764-25 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

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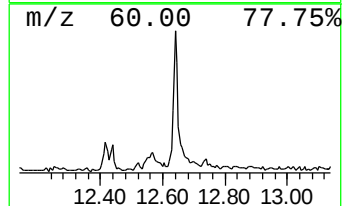
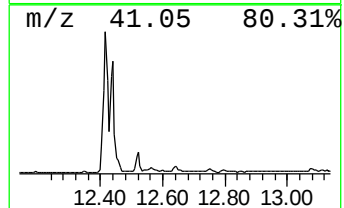
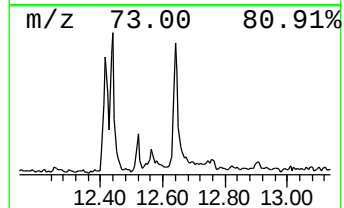
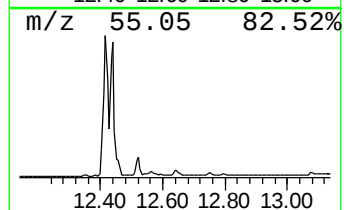
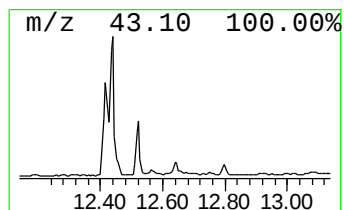
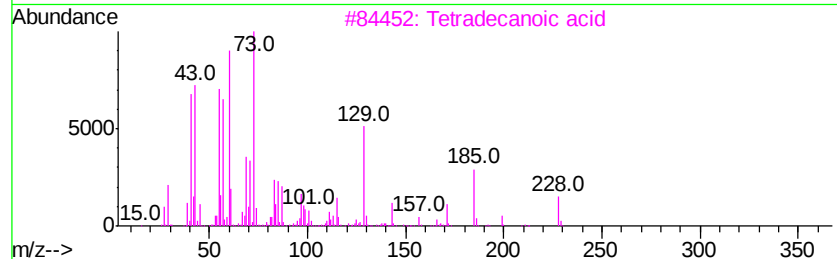
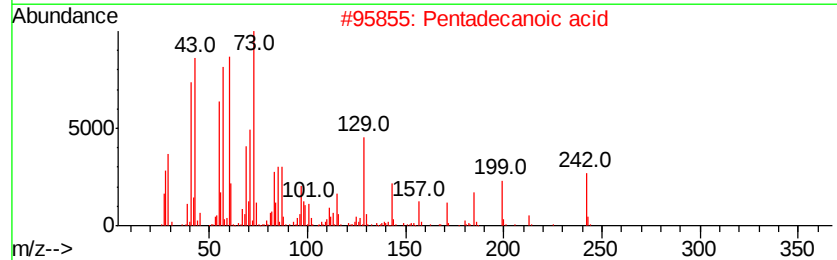
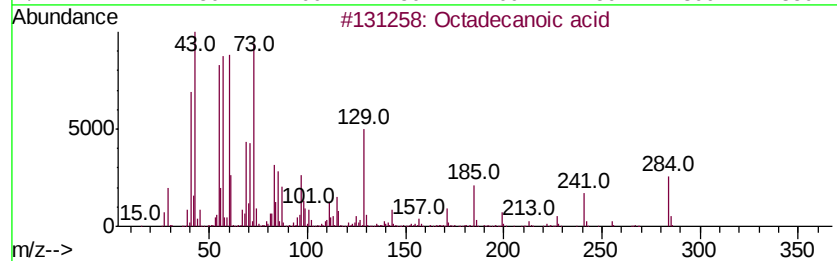
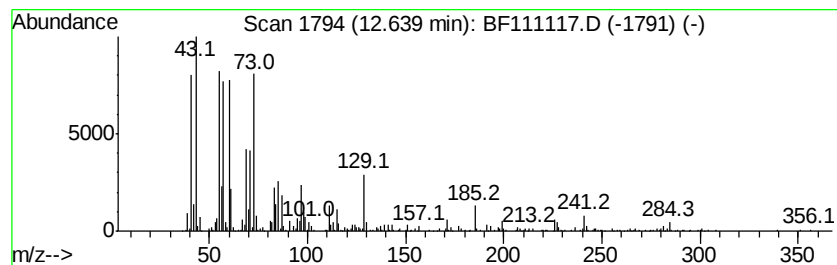
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Octadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	3.30 ng	587590	Phenanthrene-d10	11.32

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	89
4			Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	58
5			11-Bromoundecanoic acid	264	C11H21BrO2	002834-05-1	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120518\
Data File : BF111117.D
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Sample : J5764-25 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

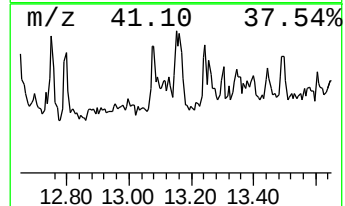
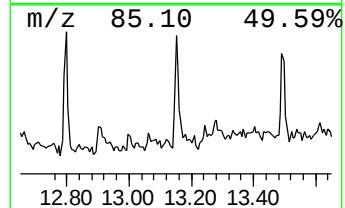
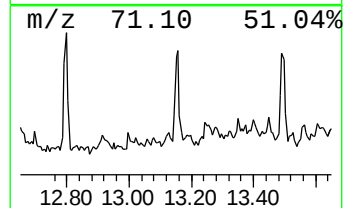
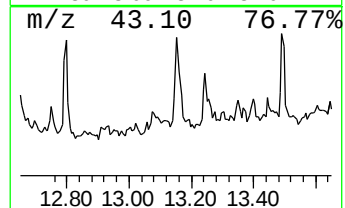
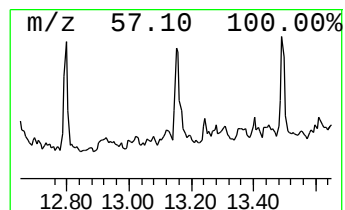
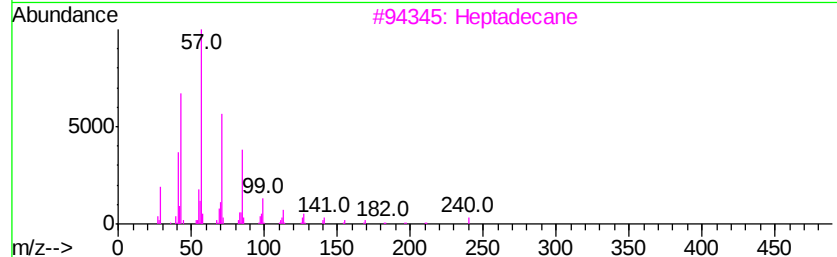
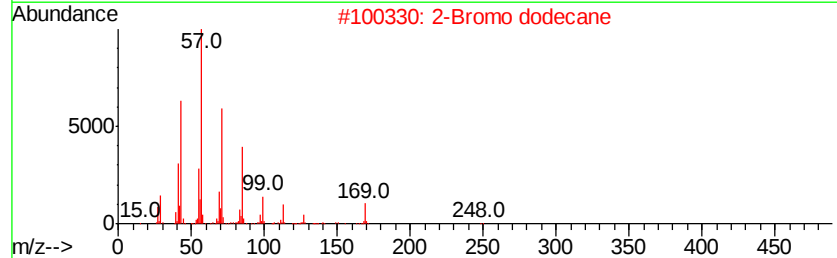
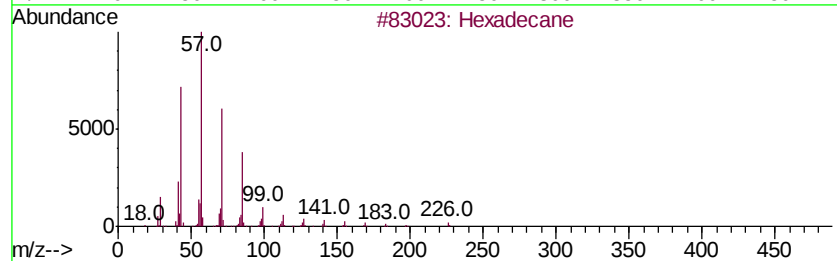
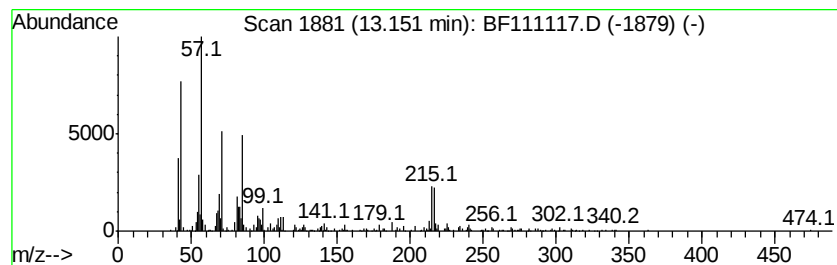
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Hexadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.15	3.21 ng	514503	Chrysene-d12	13.96
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane	226 C16H34	000544-76-3	55
2	2-Bromo dodecane	248 C12H25Br	013187-99-0	50
3	Heptadecane	240 C17H36	000629-78-7	50
4	Docosane	310 C22H46	000629-97-0	50
5	Tricosane, 2-methyl-	338 C24H50	001928-30-9	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120518\
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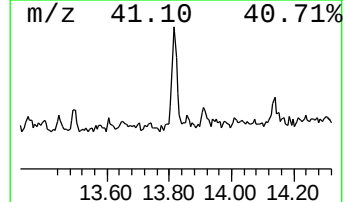
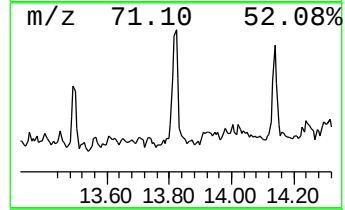
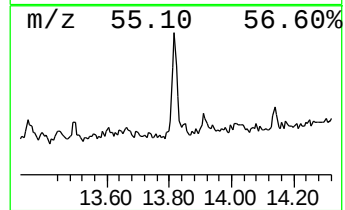
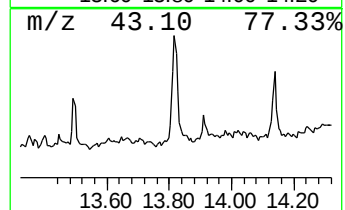
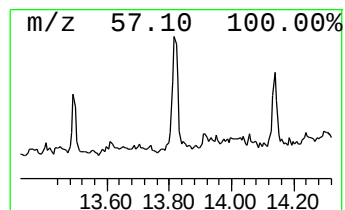
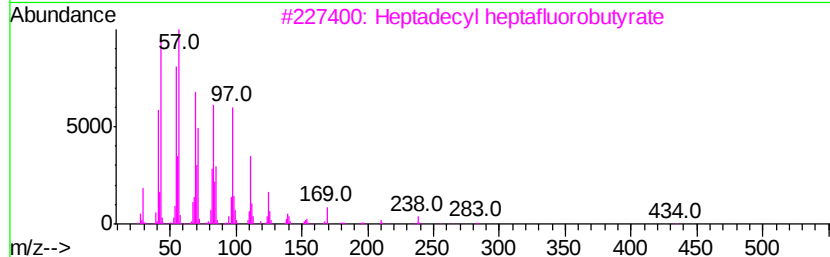
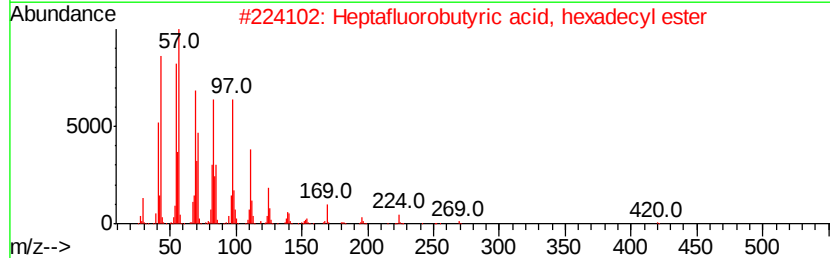
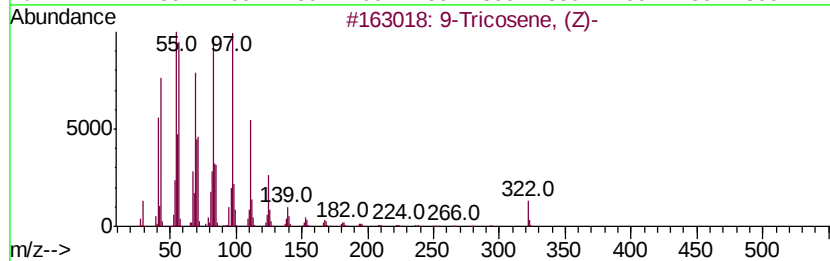
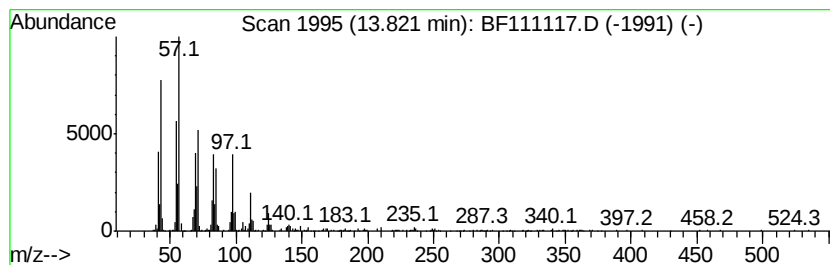
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 9-Tricosene, (Z)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.82	5.89 ng	943475	Chrysene-d12	13.96	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Tricosene, (Z)-	322	C23H46	027519-02-4	94
2	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	94
3	Heptadecyl heptafluorobutyrat	452	C21H35F7O2	959085-66-6	94
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120518\
Data File : BF111117.D
Acq On : 5 Dec 2018 19:54
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Sample : J5764-25 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

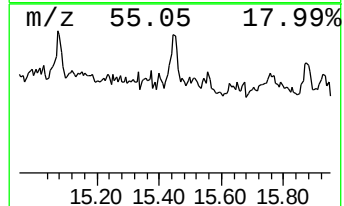
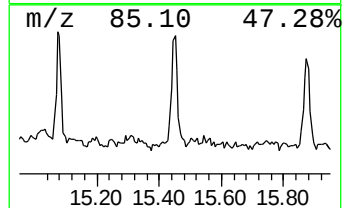
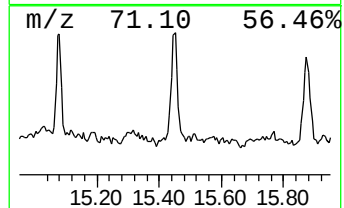
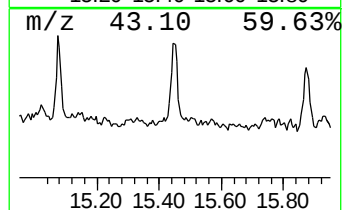
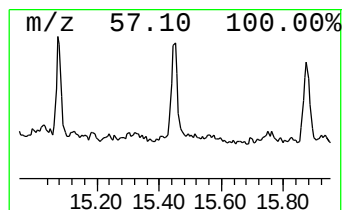
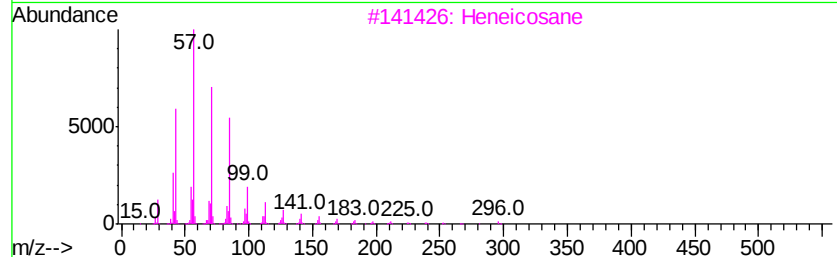
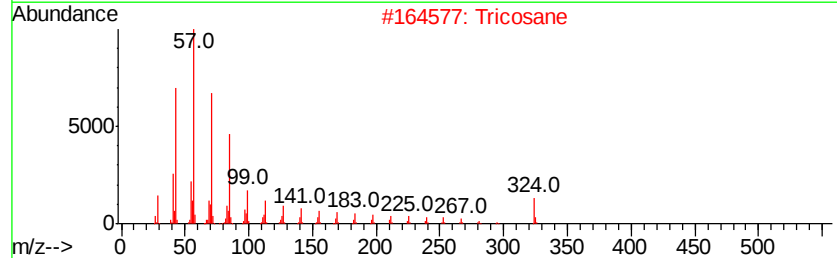
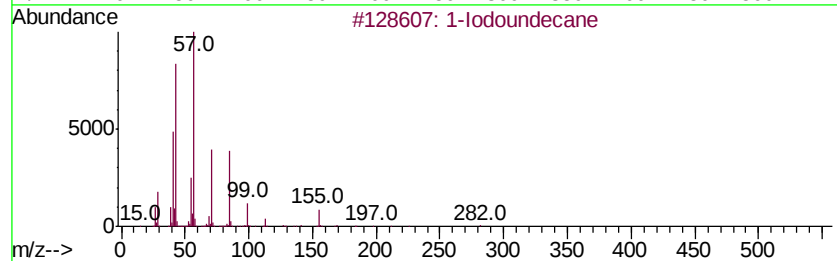
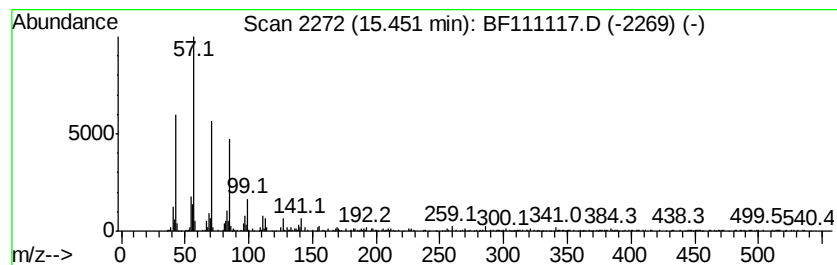
Instrument :
BNA_F
ClientSampleId :
JC-02-113018-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 1-Iodoundecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.45	5.88 ng	585488	Perylene-d12	15.39	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Iodoundecane	282	C11H23I	004282-44-4	81
2	Tricosane	324	C23H48	000638-67-5	81
3	Heneicosane	296	C21H44	000629-94-7	74
4	Eicosane	282	C20H42	000112-95-8	72
5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF120518\
 Data File : BF111117.D
 Acq On : 5 Dec 2018 19:54
 Operator : JU/SJ
 Sample : J5764-25 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-113018-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.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
2-Pentanone, 4-hy...	5.00	2.0	ng	355370	1	6.80	3531300	20.0
unknown6.57	6.57	36.4	ng	6423780	1	6.80	3531300	20.0
Heptadecane	10.76	3.2	ng	567098	4	11.32	3566560	20.0
Heneicosane	11.20	2.5	ng	447763	4	11.32	3566560	20.0
Hexadecanoic acid...	11.73	31.1	ng	5553930	4	11.32	3566560	20.0
n-Hexadecanoic acid	11.86	4.7	ng	841173	4	11.32	3566560	20.0
9,12-Octadecadien...	12.42	94.0	ng	16766500	4	11.32	3566560	20.0
12-Octadecenoic a...	12.44	66.0	ng	11770500	4	11.32	3566560	20.0
Octadecanoic acid	12.64	3.3	ng	587590	4	11.32	3566560	20.0
Hexadecane	13.15	3.2	ng	514503	5	13.96	3204680	20.0
9-Tricosene, (Z)-	13.82	5.9	ng	943475	5	13.96	3204680	20.0
1-Iodoundecane	15.45	5.9	ng	585488	6	15.39	1990130	20.0