

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121118\
 Data File : BF111277.D
 Acq On : 11 Dec 2018 14:31
 Operator : JU/SJ
 Sample : J6196-03 2X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-03-120718-B

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-BF120818.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	4.993	483	494	502	rVB	215475	270015	1.97%	0.301%
2	5.410	560	565	568	rBV	4970998	4647529	33.94%	5.174%
3	6.428	733	738	745	rVB	5123288	5022699	36.68%	5.592%
4	6.563	757	761	765	rBV	5406255	4792649	35.00%	5.335%
5	6.798	797	801	804	rBV	2956085	2511811	18.34%	2.796%
6	6.951	823	827	831	rBV	4213926	3591727	26.23%	3.999%
7	7.351	889	895	898	rBV	3417144	3072244	22.43%	3.420%
8	7.404	902	904	907	rVV	399895	279994	2.04%	0.312%
9	8.081	1014	1019	1022	rBV	3926842	3636636	26.55%	4.049%
10	8.151	1029	1031	1033	rVB	229216	160228	1.17%	0.178%
11	8.381	1065	1070	1073	rBV4	171758	226288	1.65%	0.252%
12	8.469	1082	1085	1088	rBV2	217263	203334	1.48%	0.226%
13	8.510	1090	1092	1094	rBV	287924	246841	1.80%	0.275%
14	8.587	1102	1105	1108	rBV2	244773	215655	1.57%	0.240%
15	8.681	1118	1121	1124	rBV	920560	698522	5.10%	0.778%
16	8.781	1135	1138	1144	rVB4	162518	218370	1.59%	0.243%
17	8.904	1153	1159	1161	rBV4	182371	226213	1.65%	0.252%
18	9.110	1192	1194	1198	rVB2	322062	291163	2.13%	0.324%
19	9.157	1198	1202	1205	rBV	5125373	4317322	31.53%	4.806%
20	9.245	1214	1217	1221	rBV	1042088	845312	6.17%	0.941%
21	9.416	1243	1246	1252	rVB6	98928	143303	1.05%	0.160%
22	9.498	1253	1260	1262	rBV5	146042	262014	1.91%	0.292%
23	9.545	1266	1268	1270	rBV	386238	363856	2.66%	0.405%
24	9.569	1270	1272	1274	rVB	219074	150694	1.10%	0.168%
25	9.775	1305	1307	1311	rVB	895502	646144	4.72%	0.719%
26	9.834	1311	1317	1320	rBV	3492544	2932332	21.41%	3.264%
27	10.016	1343	1348	1349	rBV3	101791	141750	1.04%	0.158%
28	10.098	1359	1362	1366	rVB4	157434	159133	1.16%	0.177%
29	10.275	1389	1392	1395	rVB	785918	567391	4.14%	0.632%
30	10.498	1423	1430	1432	rBV	309762	384252	2.81%	0.428%
31	10.616	1446	1450	1454	rBV	2392082	2009657	14.67%	2.237%
32	10.745	1469	1472	1480	rBV	703460	839193	6.13%	0.934%
33	11.198	1545	1549	1551	rBV	551348	485588	3.55%	0.541%
34	11.228	1551	1554	1560	rVB	299614	294489	2.15%	0.328%

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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	11.316	1565	1569	1571	rBV	2667895	2228691	16.27%	2.481%
36	11.339	1571	1573	1576	rVB	354468	257274	1.88%	0.286%
37	11.622	1618	1621	1623	rBV	531972	414445	3.03%	0.461%
38	11.722	1634	1638	1641	rBV	5755255	4526854	33.06%	5.040%
39	11.851	1657	1660	1664	rBV2	1175837	1006695	7.35%	1.121%
40	11.927	1670	1673	1675	rBV3	137476	156794	1.14%	0.175%
41	12.027	1688	1690	1693	rBV	396998	319586	2.33%	0.356%
42	12.410	1751	1755	1757	rBV	12883646	13694784	100.00%	15.246%
43	12.433	1757	1759	1765	rVB2	11860685	10448601	76.30%	11.632%
44	12.516	1770	1773	1776	rVV2	2062447	2000422	14.61%	2.227%
45	12.563	1779	1781	1790	rVB	722381	841406	6.14%	0.937%
46	12.639	1791	1794	1799	rBV	736678	777187	5.68%	0.865%
47	12.757	1811	1814	1817	rVV	303709	296368	2.16%	0.330%
48	12.792	1817	1820	1823	rVB	332351	265309	1.94%	0.295%
49	12.904	1836	1839	1842	rBV	3411961	2867568	20.94%	3.192%
50	13.145	1878	1880	1885	rVB3	369401	464106	3.39%	0.517%
51	13.239	1894	1896	1898	rVB	240891	154418	1.13%	0.172%
52	13.492	1936	1939	1944	rBV	341632	377887	2.76%	0.421%
53	13.816	1991	1994	2002	rVB	573064	715962	5.23%	0.797%
54	13.957	2014	2018	2021	rBV	1700363	1716336	12.53%	1.911%
55	14.133	2046	2048	2053	rVB	323162	304646	2.22%	0.339%
56	15.398	2259	2263	2266	rVB	969572	1136000	8.30%	1.265%

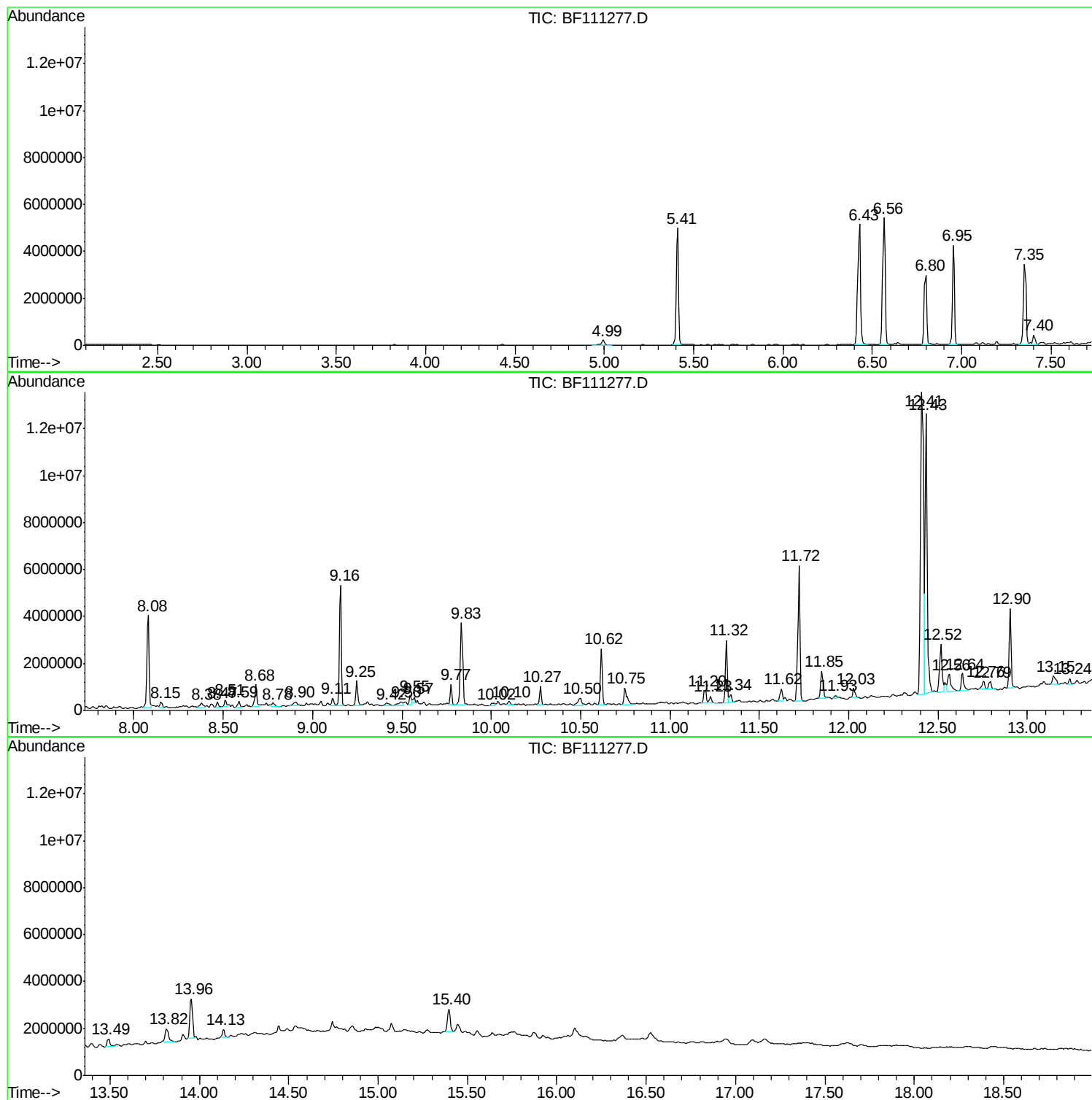
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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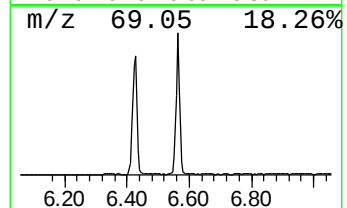
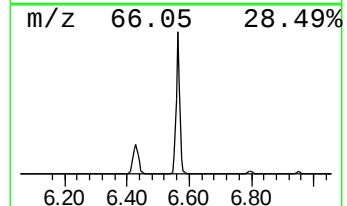
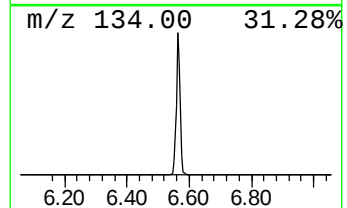
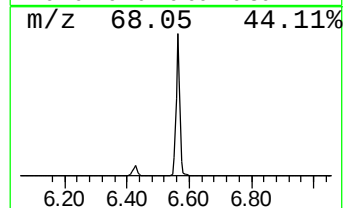
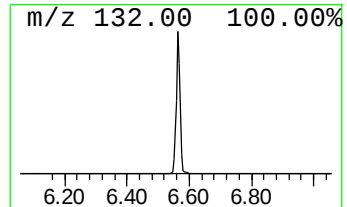
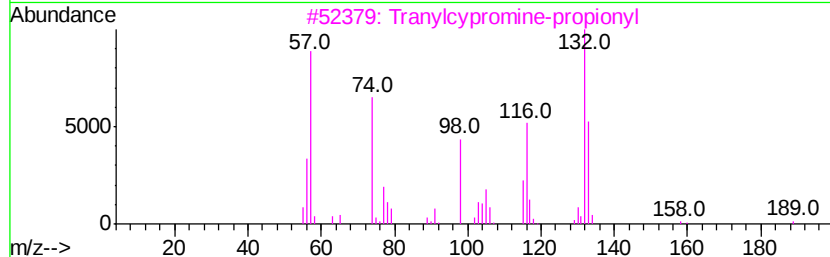
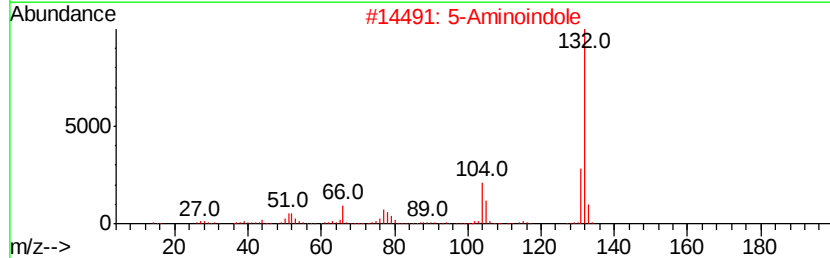
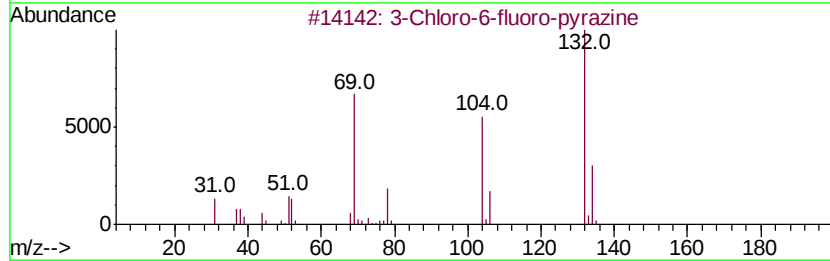
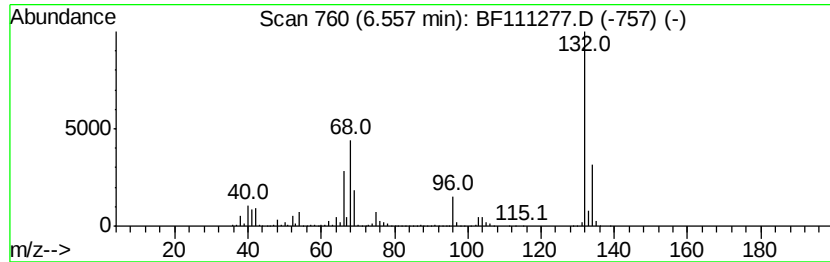
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.56 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	38.16 ng	4792650	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			Amphetaminil	250	C17H18N2	017590-01-1	10
5			1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9



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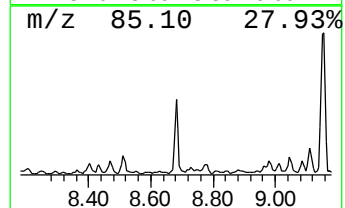
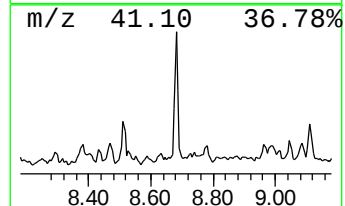
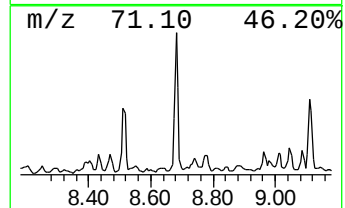
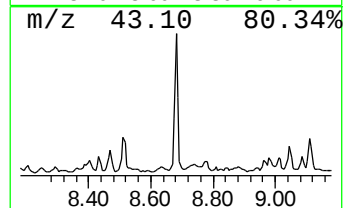
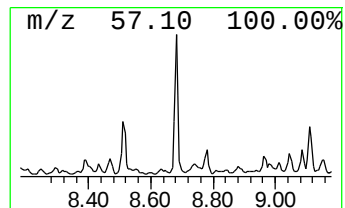
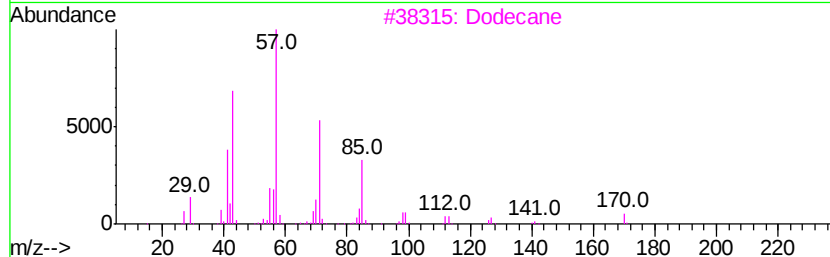
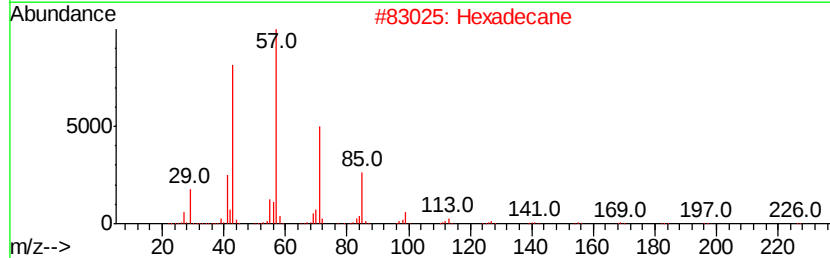
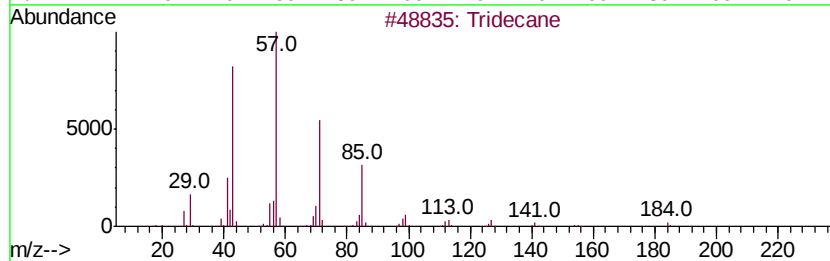
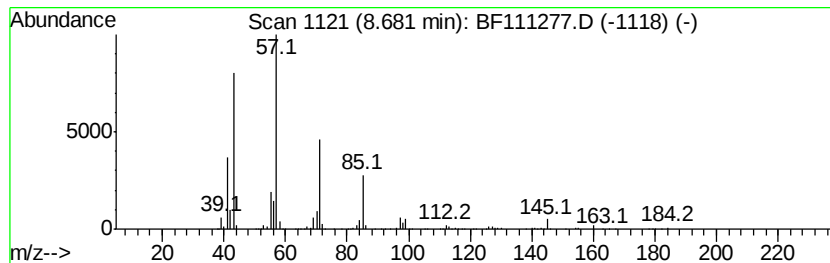
Instrument :
BNA_F
ClientSampleId :
EO-03-120718-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Tridecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.68	3.84 ng	698522	Naphthalene-d8	8.08	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	86
2	Hexadecane	226	C16H34	000544-76-3	86
3	Dodecane	170	C12H26	000112-40-3	86
4	Heneicosane	296	C21H44	000629-94-7	78
5	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	72



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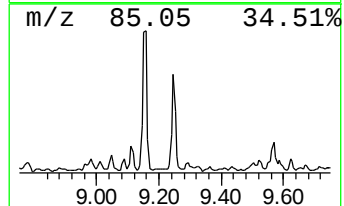
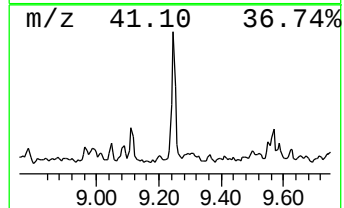
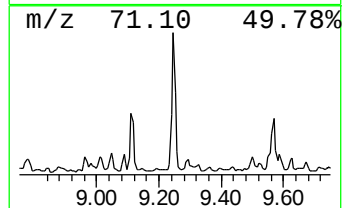
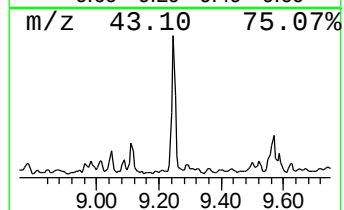
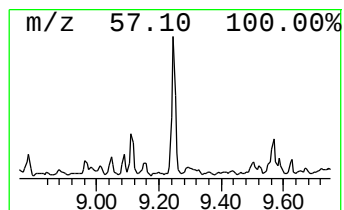
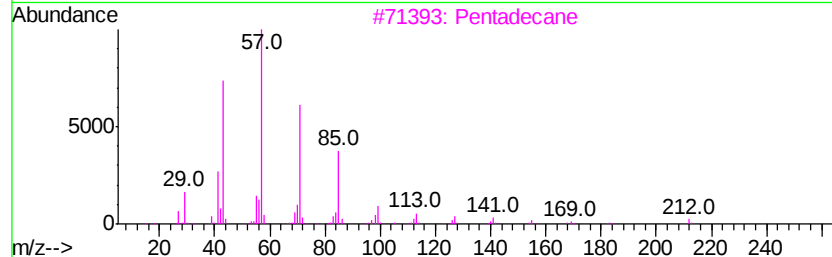
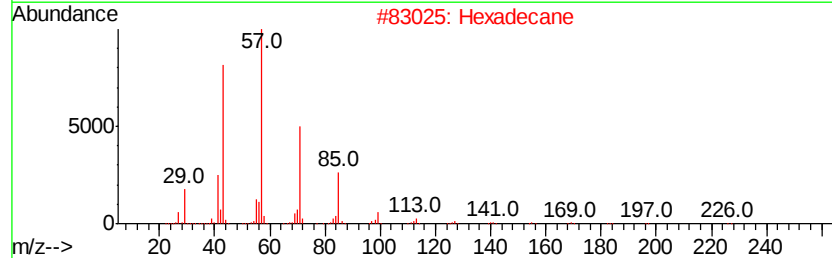
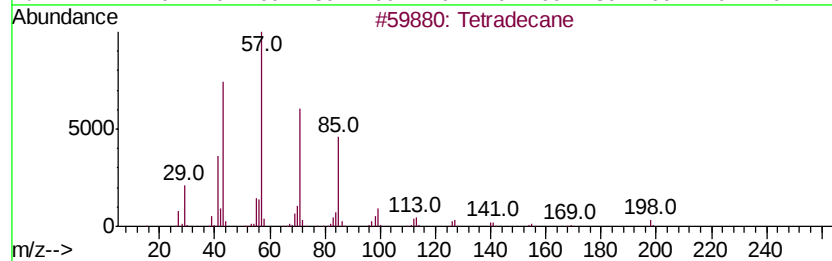
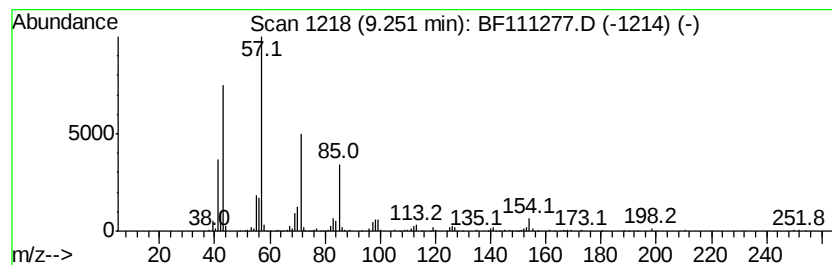
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Tetradecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.25	5.77 ng	845312	Acenaphthene-d10	9.83

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	95
2		Hexadecane	226	C16H34	000544-76-3	91
3		Pentadecane	212	C15H32	000629-62-9	86
4		Nonane, 5-butyl-	184	C13H28	017312-63-9	86
5		Tridecane, 7-propyl-	226	C16H34	055045-09-5	86



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Misc :
ALS Vial : 8 Sample Multiplier: 1

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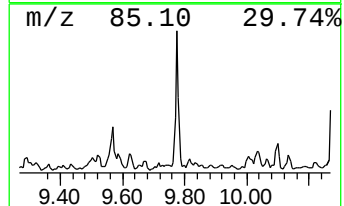
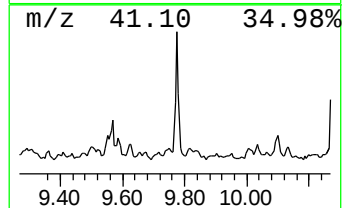
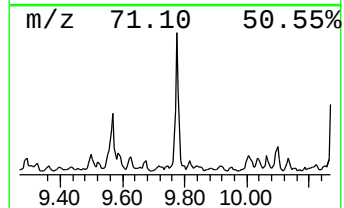
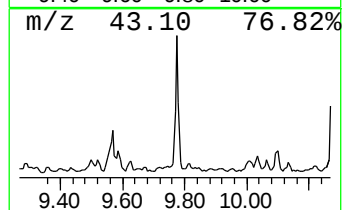
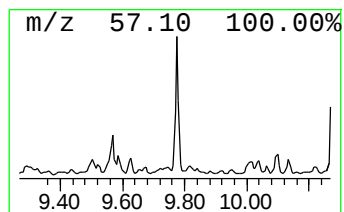
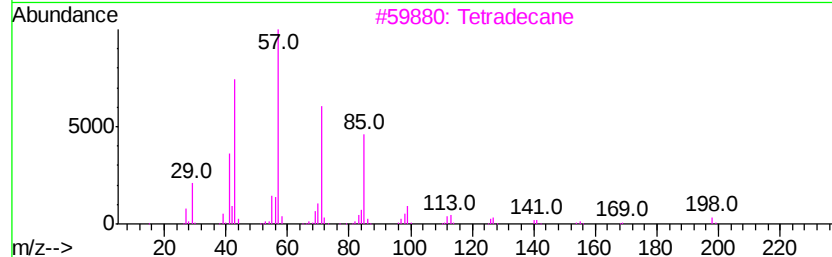
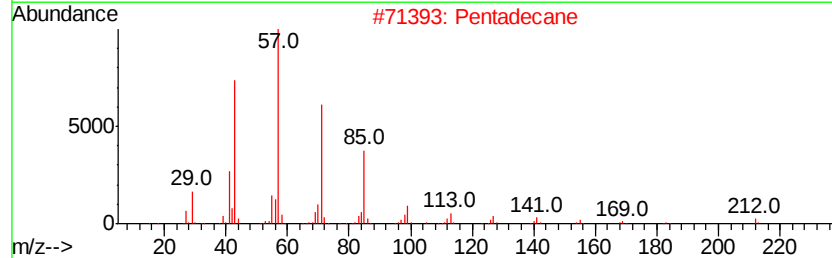
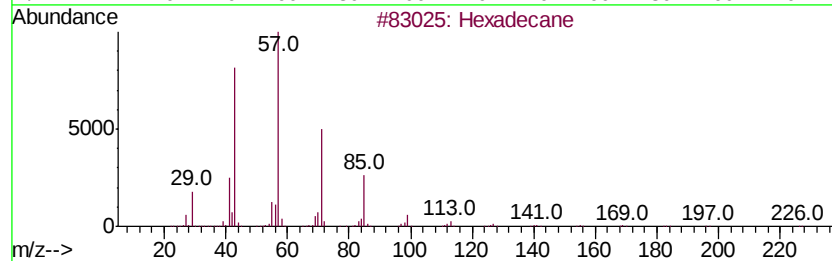
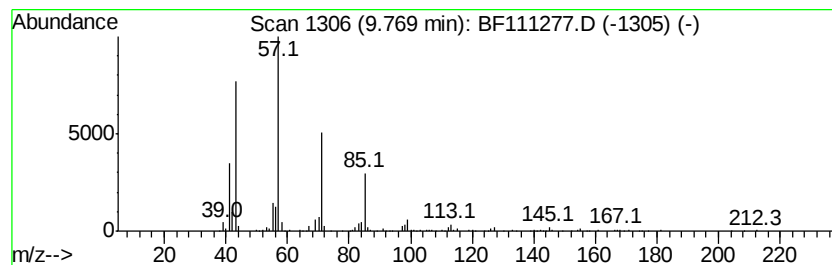
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Pentadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	4.41 ng	646144	Acenaphthene-d10	9.83

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	91
2	Pentadecane		212	C15H32	000629-62-9	90
3	Tetradecane		198	C14H30	000629-59-4	90
4	Bacchotricuneatin c		342	C20H22O5	066563-30-2	80
5	Tridecane		184	C13H28	000629-50-5	72



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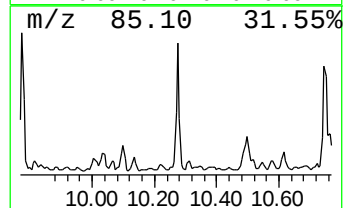
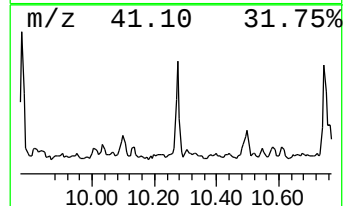
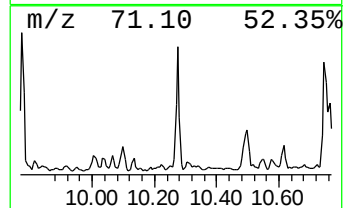
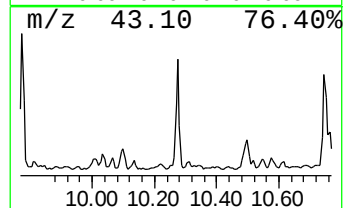
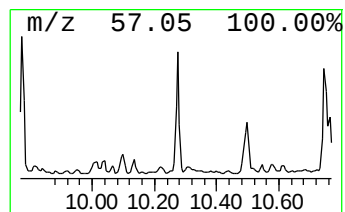
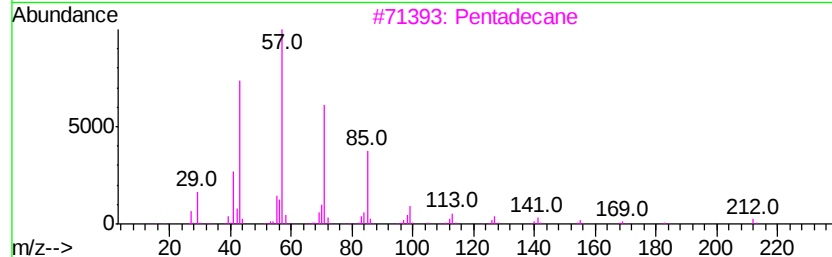
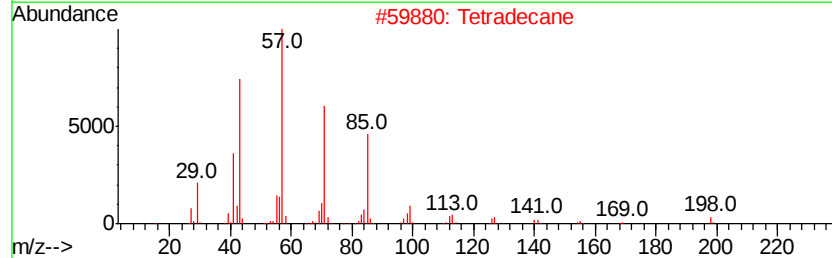
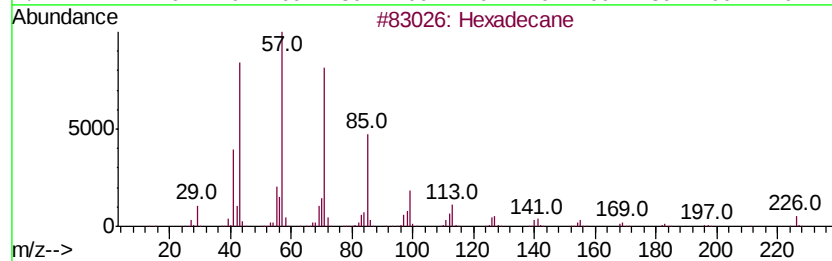
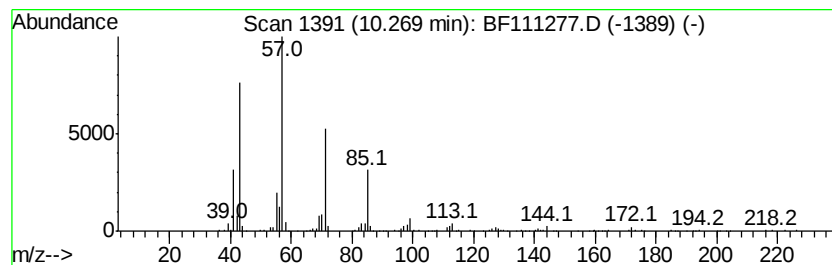
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ClientSampleId :
EO-03-120718-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Hexadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.27	3.87 ng	567391	Acenaphthene-d10		9.83
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Tetradecane	198	C14H30	000629-59-4	86
3	Pentadecane	212	C15H32	000629-62-9	86
4	Tridecane, 6-methyl-	198	C14H30	013287-21-3	78
5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121118\
Data File : BF111277.D
Acq On : 11 Dec 2018 14:31
Operator : JU/SJ
Sample : J6196-03 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

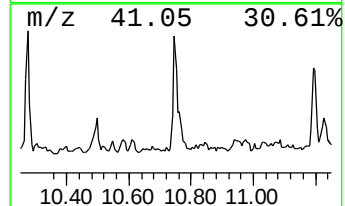
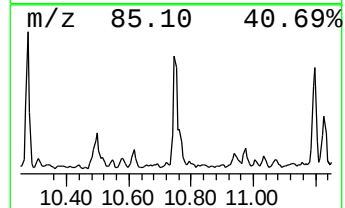
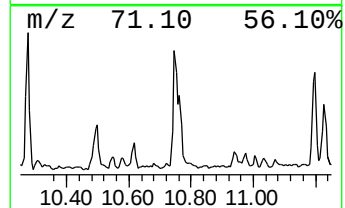
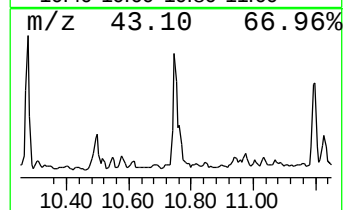
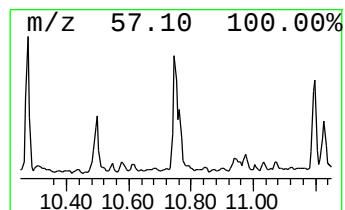
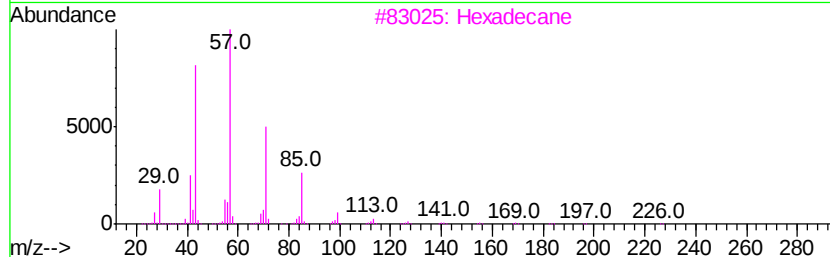
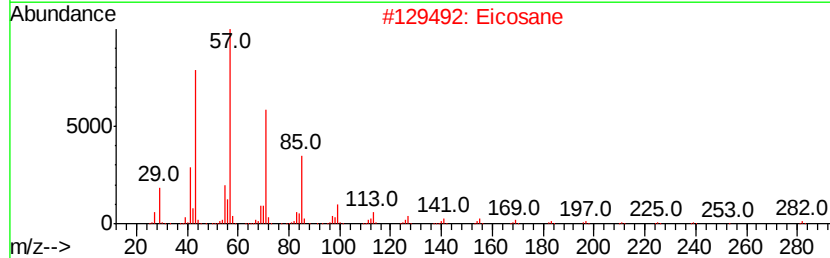
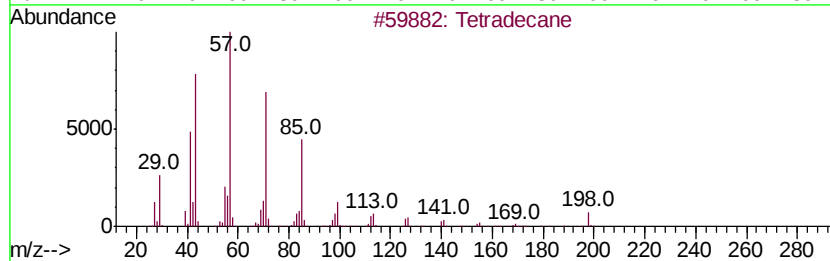
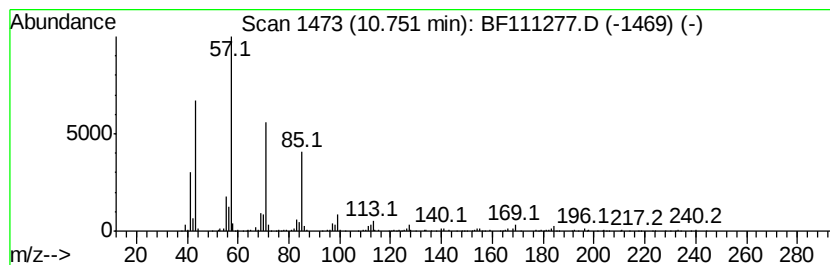
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ClientSampleId :
EO-03-120718-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.75	7.53 ng	839193	Phenanthrene-d10		11.32
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	91
2	Eicosane	282	C20H42	000112-95-8	86
3	Hexadecane	226	C16H34	000544-76-3	86
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121118\
 Data File : BF111277.D
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 Operator : JU/SJ
 Sample : J6196-03 2X
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 ALS Vial : 8 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 EO-03-120718-B

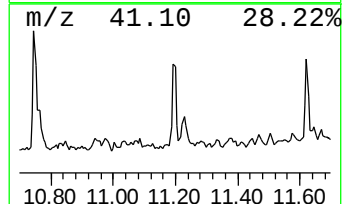
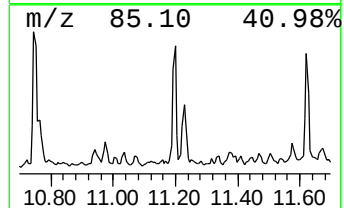
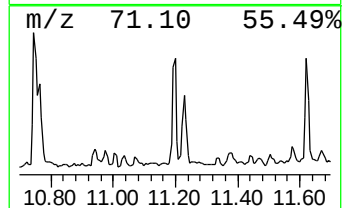
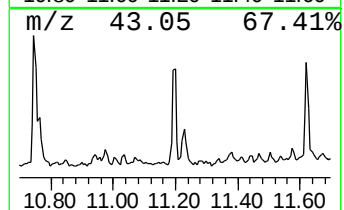
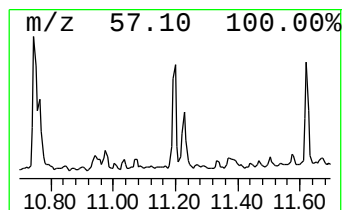
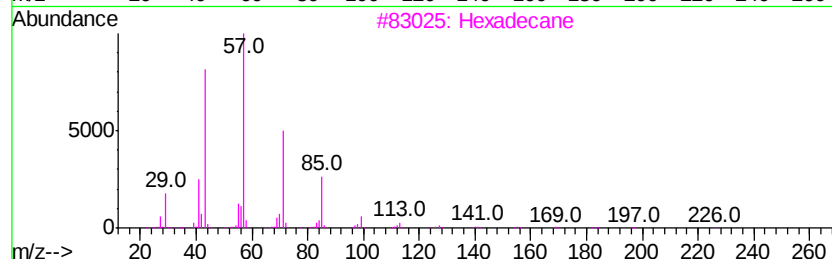
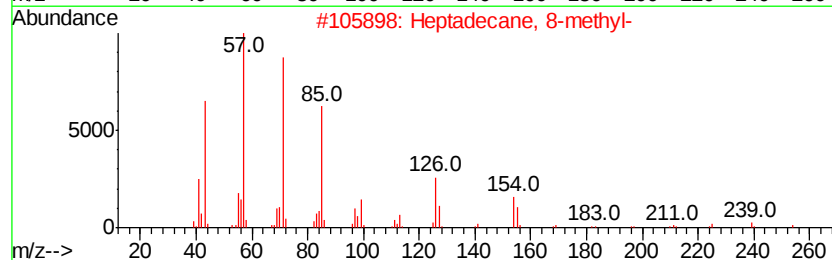
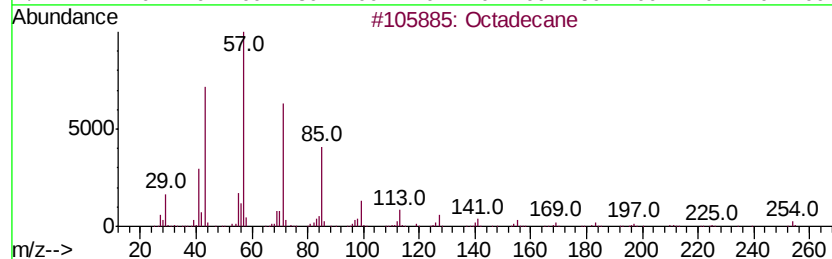
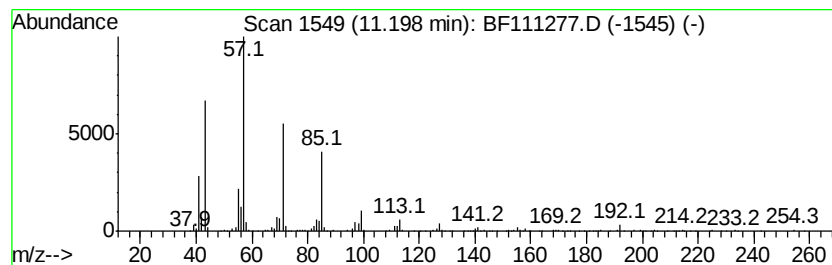
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 8 Octadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.20	4.36 ng	485588	Phenanthrene-d10	11.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	94
2		Heptadecane, 8-methyl-	254	C18H38	013287-23-5	90
3		Hexadecane	226	C16H34	000544-76-3	90
4		Tridecane, 7-hexyl-	268	C19H40	007225-66-3	86
5		Heptadecane, 2-methyl-	254	C18H38	001560-89-0	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121118\
Data File : BF111277.D
Acq On : 11 Dec 2018 14:31
Operator : JU/SJ
Sample : J6196-03 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

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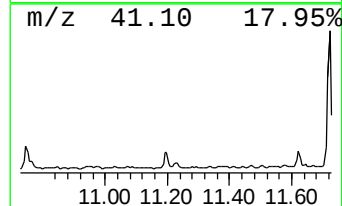
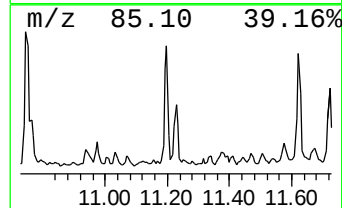
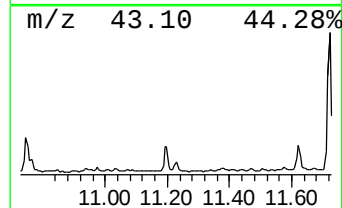
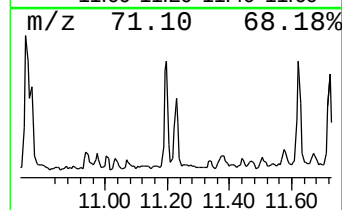
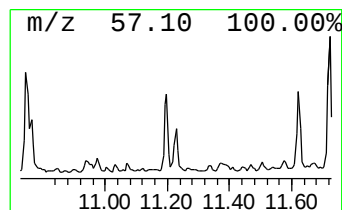
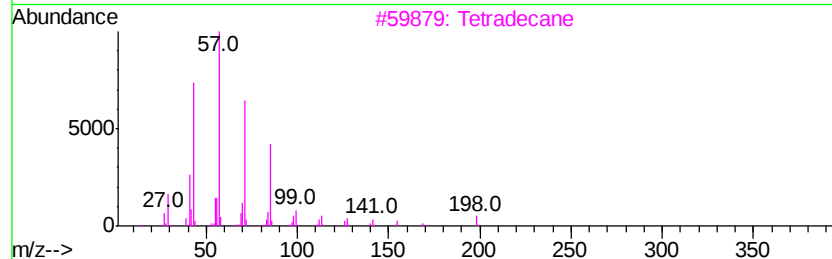
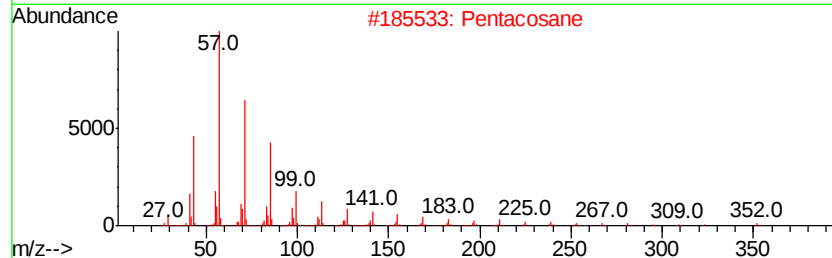
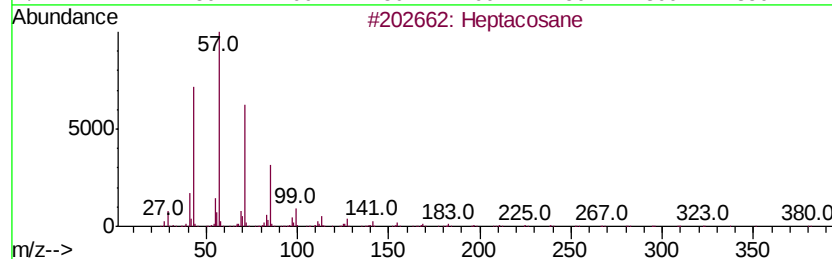
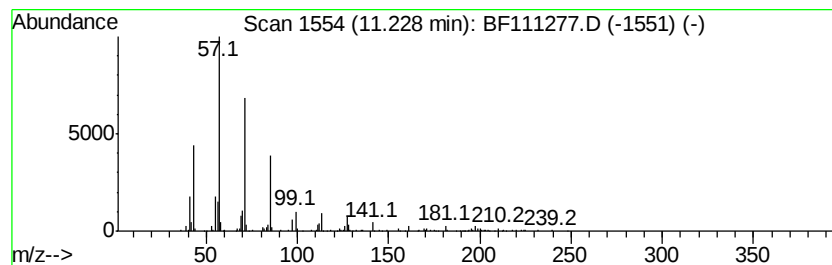
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heptacosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.23	2.64 ng	294489	Phenanthrene-d10	11.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	86
2		Pentacosane	352	C25H52	000629-99-2	86
3		Tetradecane	198	C14H30	000629-59-4	83
4		Hexadecane	226	C16H34	000544-76-3	83
5		2-Bromo dodecane	248	C12H25Br	013187-99-0	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121118\
Data File : BF111277.D
Acq On : 11 Dec 2018 14:31
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Misc :
ALS Vial : 8 Sample Multiplier: 1

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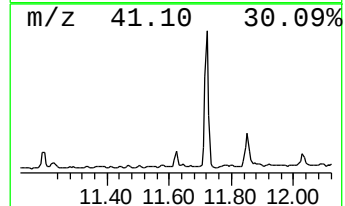
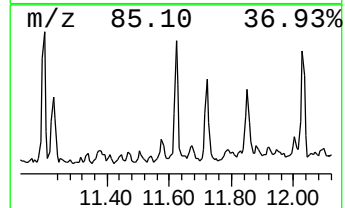
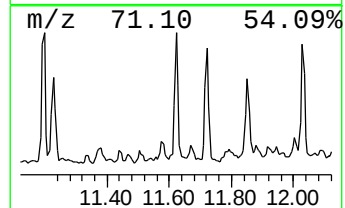
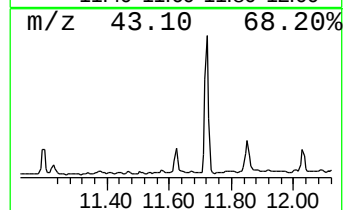
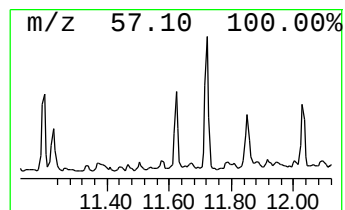
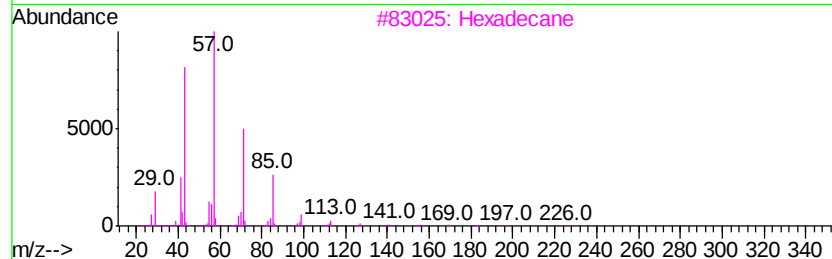
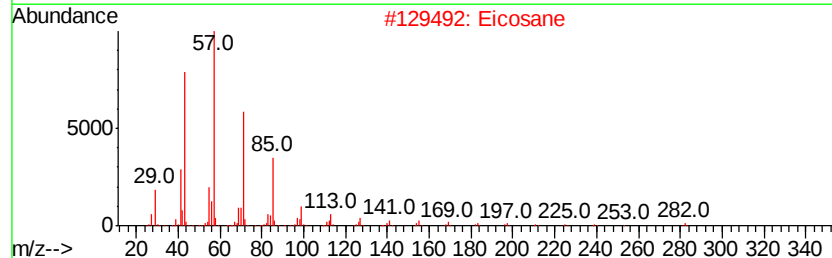
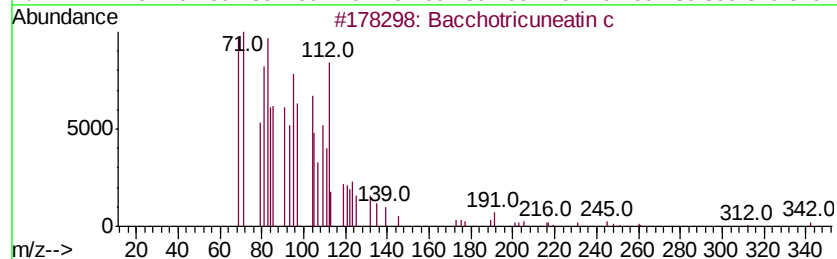
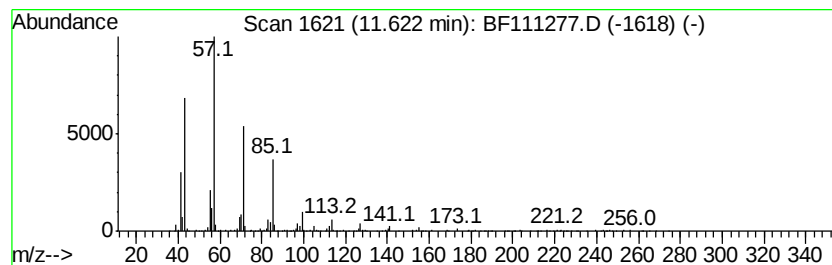
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Bacchotricuneatin c Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.62	3.72 ng	414445	Phenanthrene-d10	11.32

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bacchotricuneatin c	342	C20H22O5	066563-30-2	98
2			Eicosane	282	C20H42	000112-95-8	91
3			Hexadecane	226	C16H34	000544-76-3	90
4			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
5			Tridecane, 7-hexyl-	268	C19H40	007225-66-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121118\
Data File : BF111277.D
Acq On : 11 Dec 2018 14:31
Operator : JU/SJ
Sample : J6196-03 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-03-120718-B

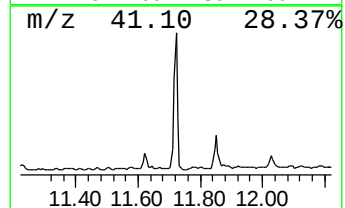
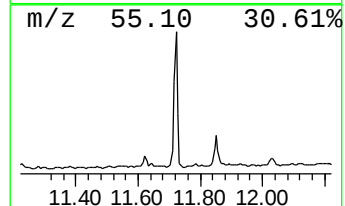
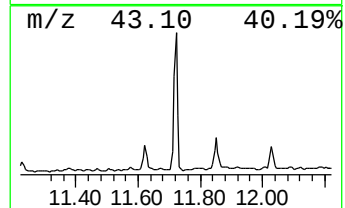
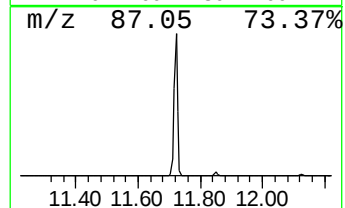
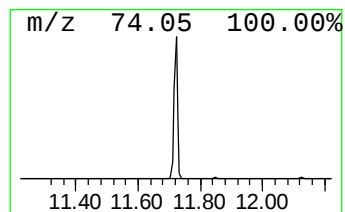
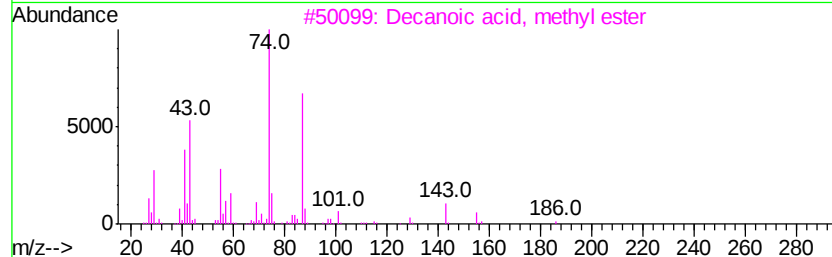
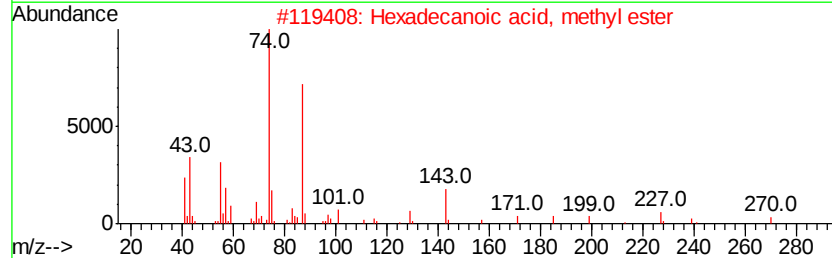
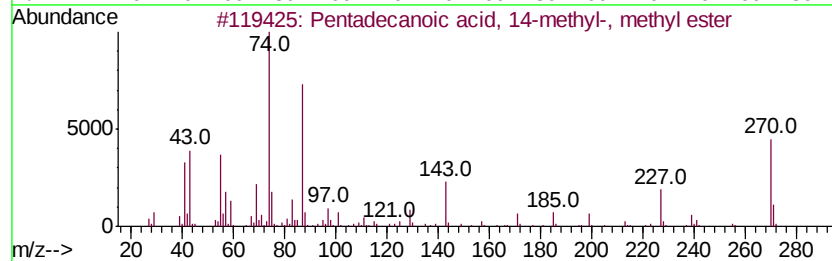
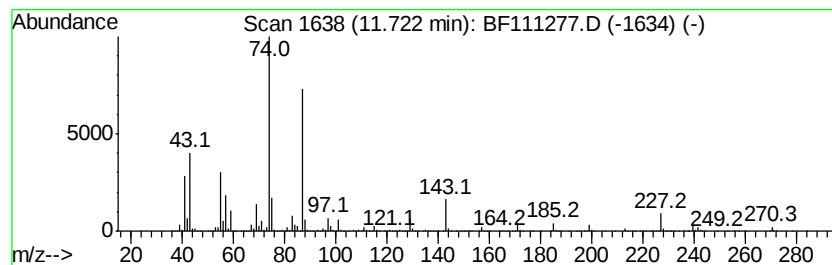
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Pentadecanoic acid, 14-meth... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	40.62 ng	4526850	Phenanthrene-d10	11.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	94
2		Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	91
3		Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	90
4		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
5		Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121118\
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Sample : J6196-03 2X
Misc :
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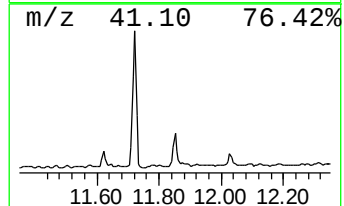
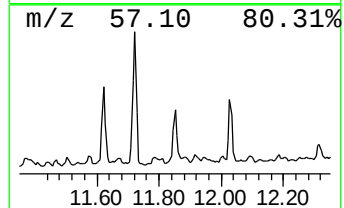
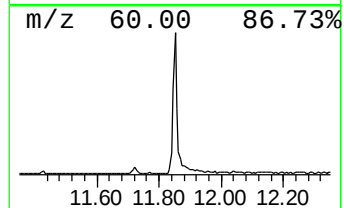
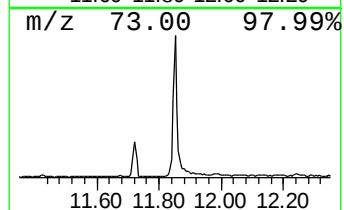
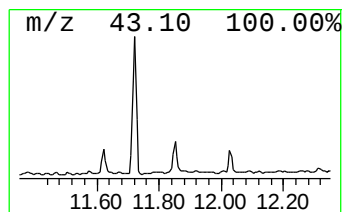
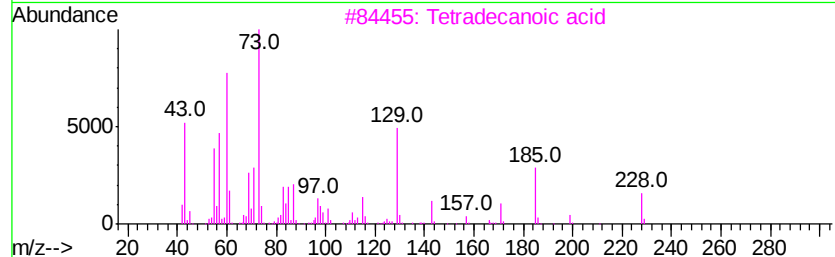
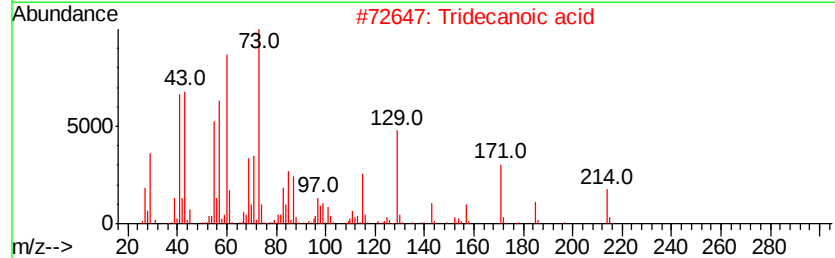
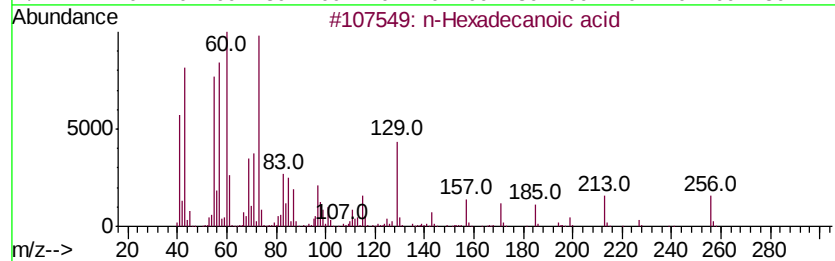
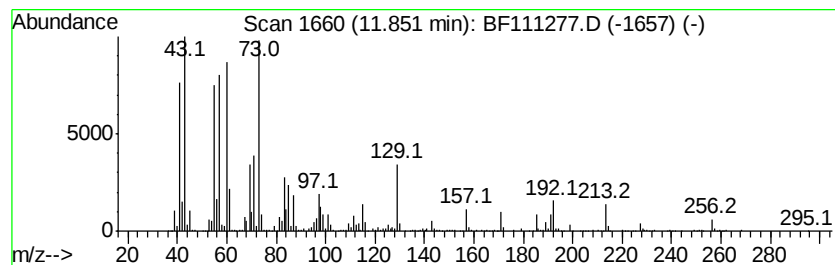
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.85	9.03 ng	1006700	Phenanthrene-d10	11.32	
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	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4	Octadecanoic acid	284	C18H36O2	000057-11-4	87
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121118\
Data File : BF111277.D
Acq On : 11 Dec 2018 14:31
Operator : JU/SJ
Sample : J6196-03 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-03-120718-B

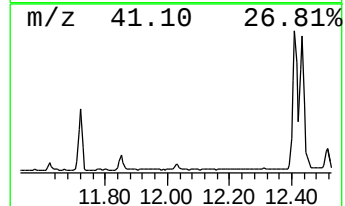
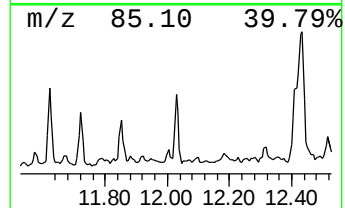
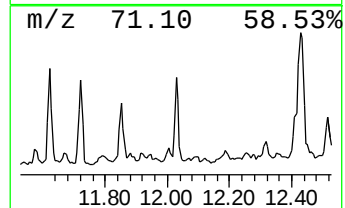
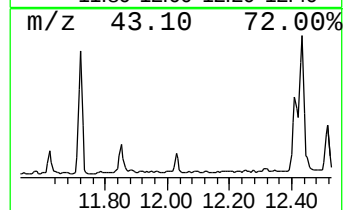
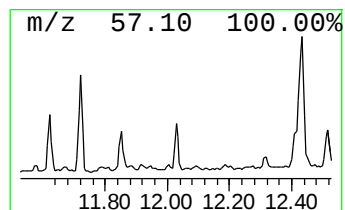
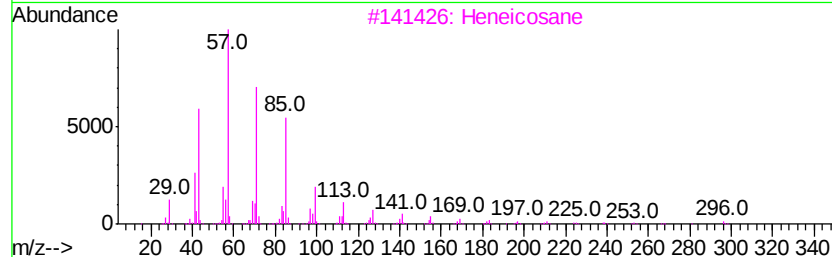
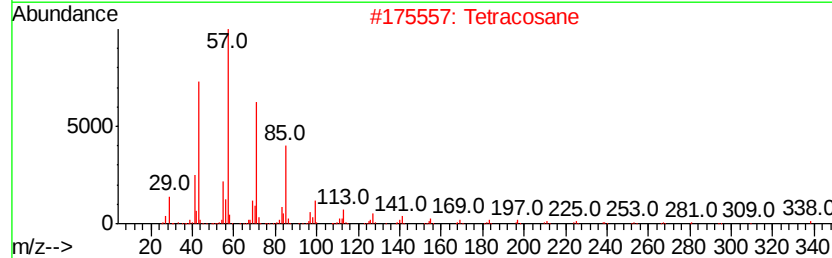
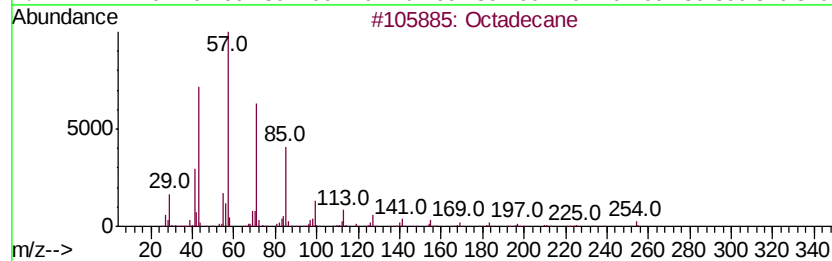
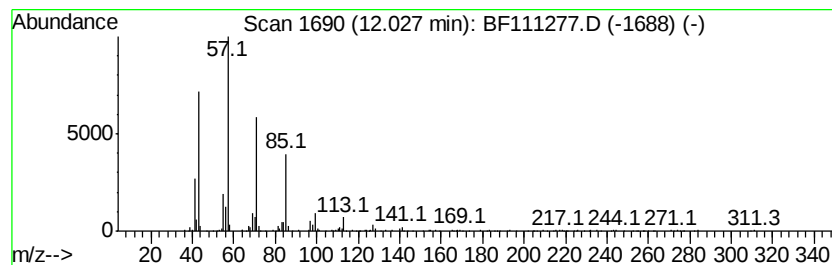
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 2-Bromo dodecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	2.87 ng	319586	Phenanthrene-d10	11.32

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	90
2			Tetracosane	338	C24H50	000646-31-1	90
3			Heneicosane	296	C21H44	000629-94-7	90
4			2-Bromo dodecane	248	C12H25Br	013187-99-0	87
5			Tridecane, 6-propyl-	226	C16H34	055045-10-8	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121118\
Data File : BF111277.D
Acq On : 11 Dec 2018 14:31
Operator : JU/SJ
Sample : J6196-03 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-03-120718-B

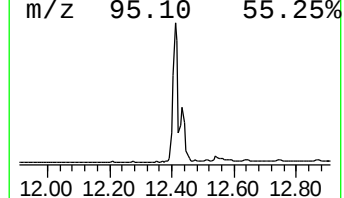
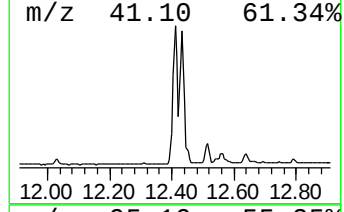
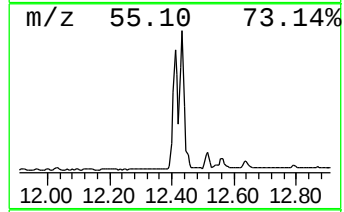
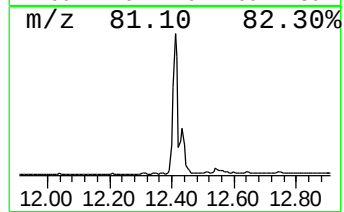
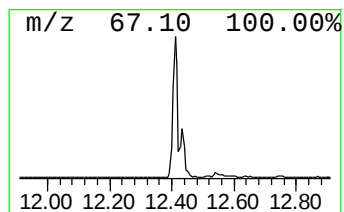
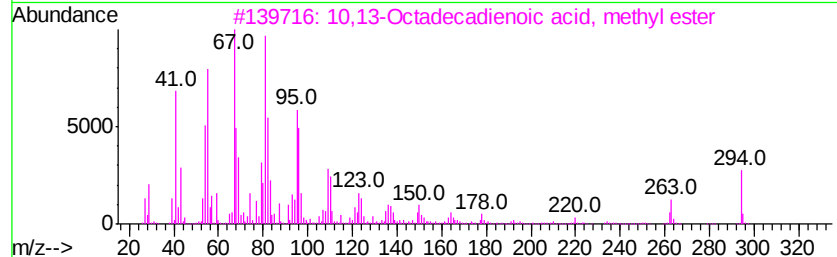
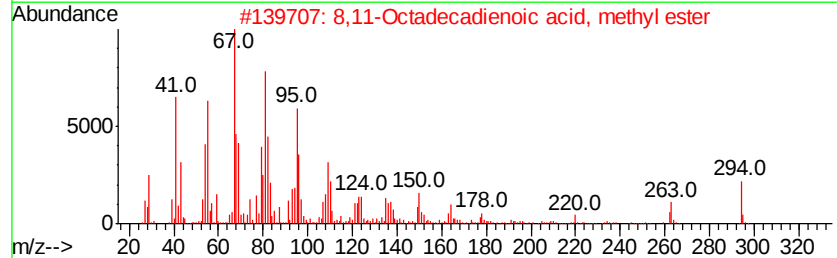
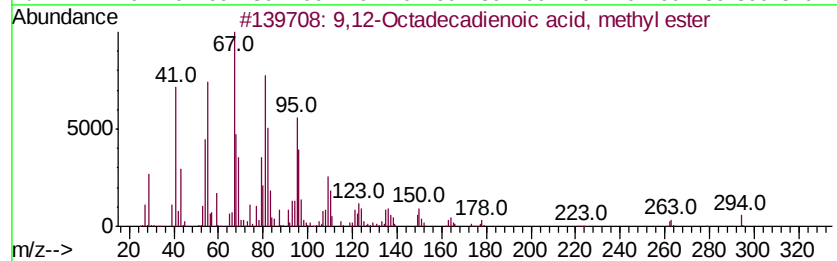
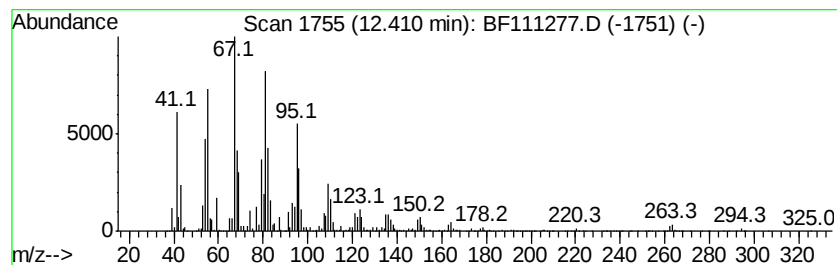
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.41	122.90 ng	13694800	Phenanthrene-d10	11.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
2		8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99
3		10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
4		9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
5		9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121118\
Data File : BF111277.D
Acq On : 11 Dec 2018 14:31
Operator : JU/SJ
Sample : J6196-03 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

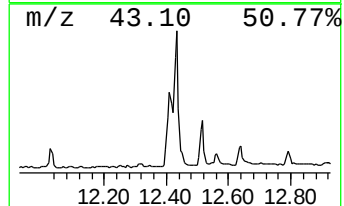
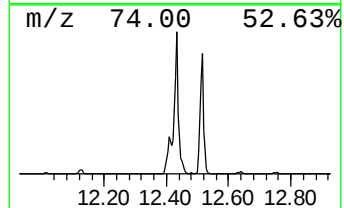
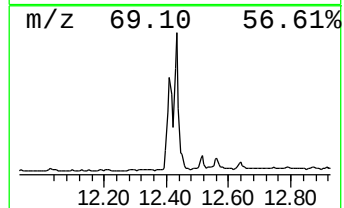
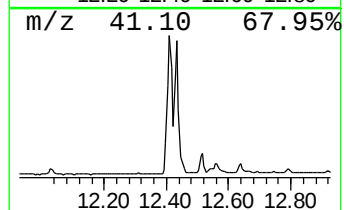
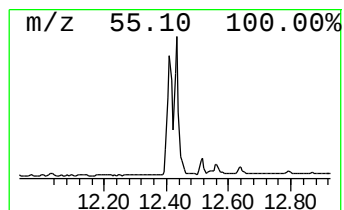
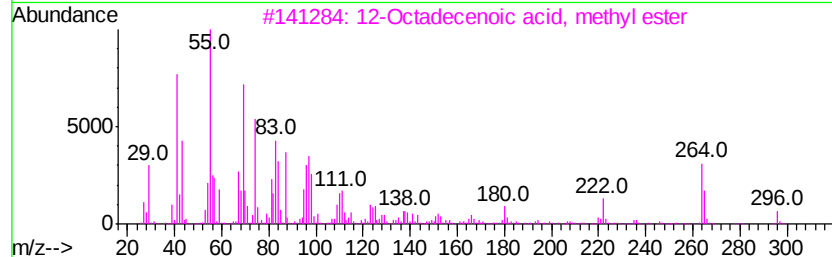
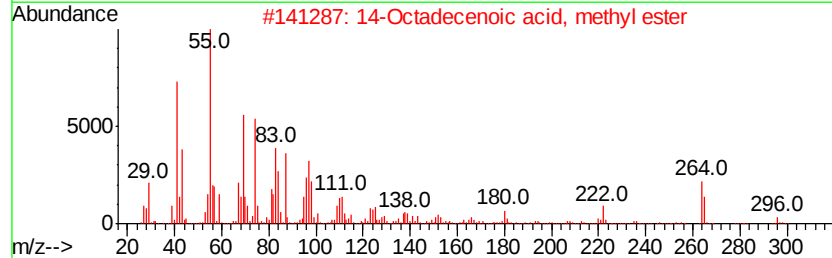
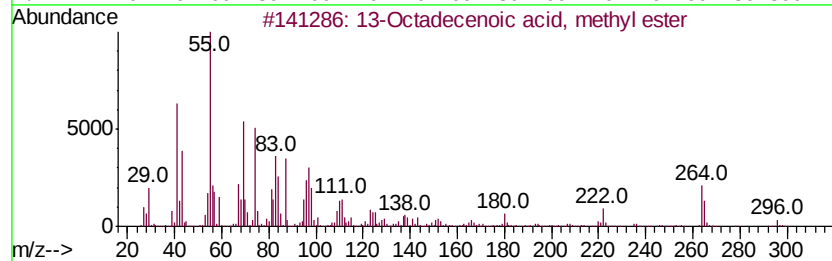
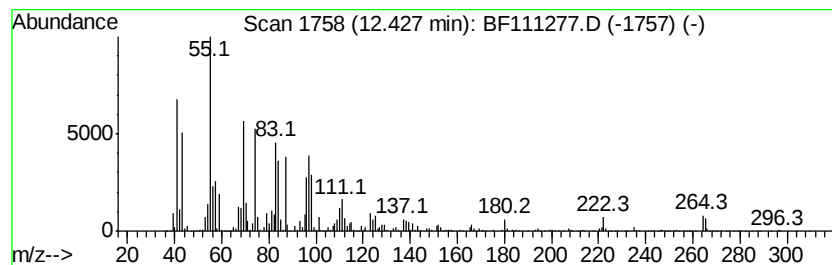
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ClientSampleId :
EO-03-120718-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 13-Octadecenoic acid, methyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.43	93.76 ng	10448600	Phenanthrene-d10	11.32	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
2	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
3	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	99
4	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	97
5	8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121118\
Data File : BF111277.D
Acq On : 11 Dec 2018 14:31
Operator : JU/SJ
Sample : J6196-03 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

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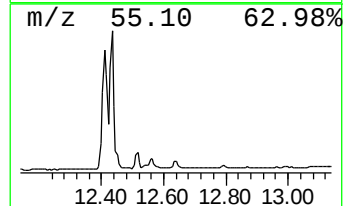
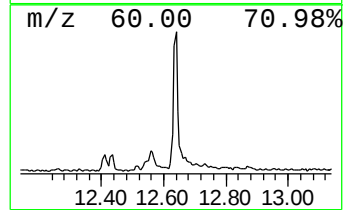
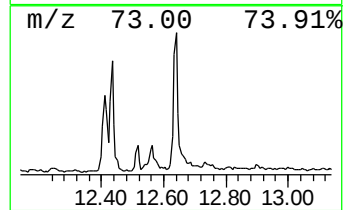
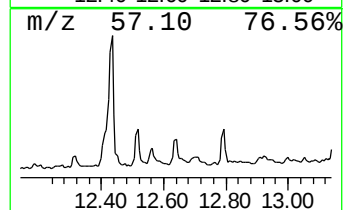
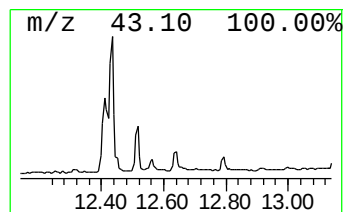
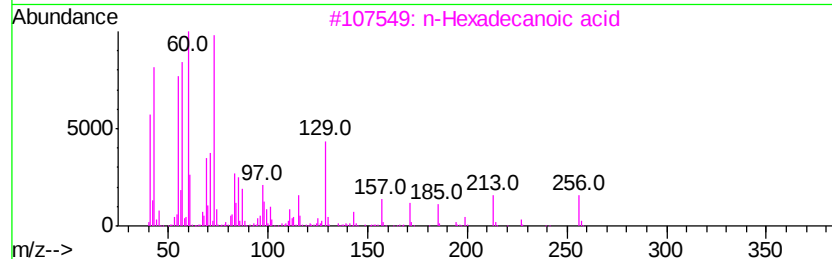
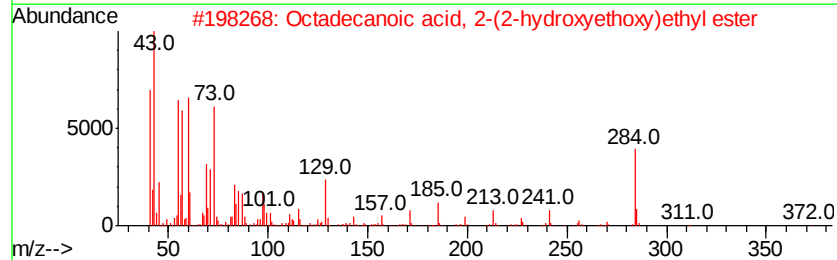
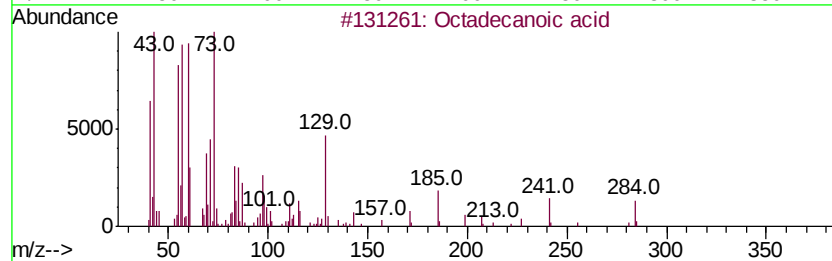
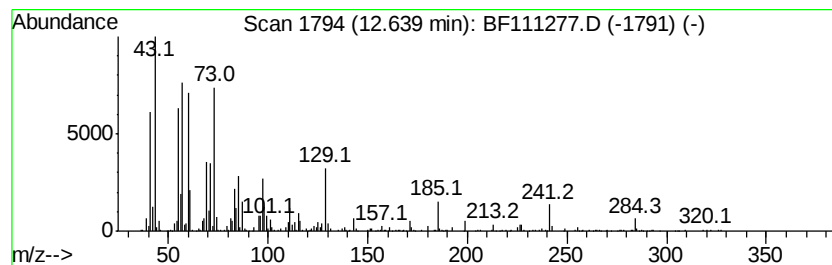
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	9.06 ng	777187	Chrysene-d12	13.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2		Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	72
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	68
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	62
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121118\
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Misc :
ALS Vial : 8 Sample Multiplier: 1

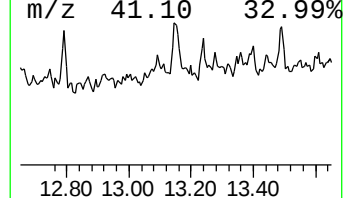
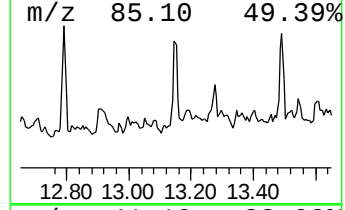
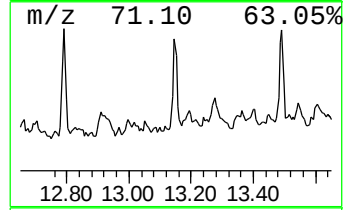
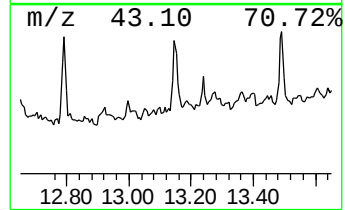
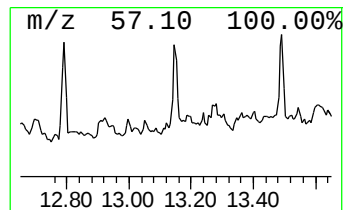
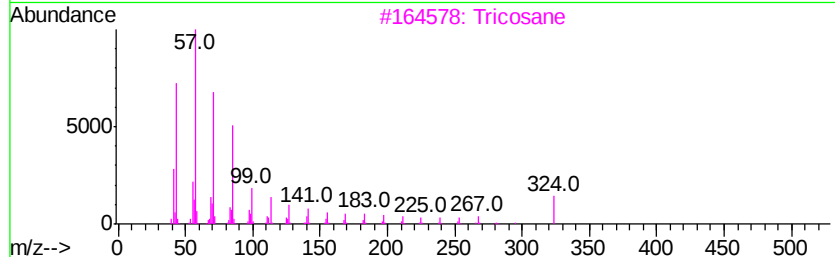
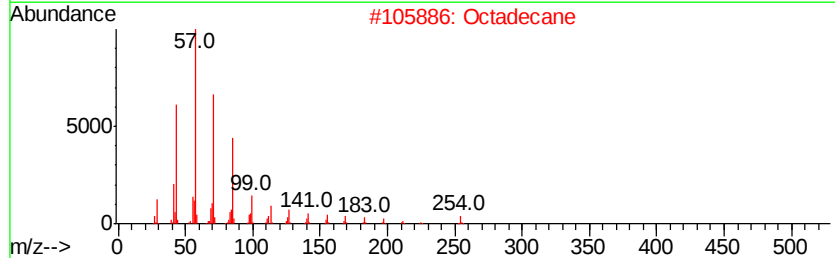
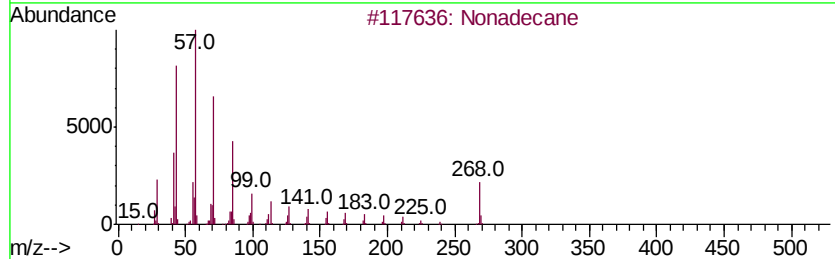
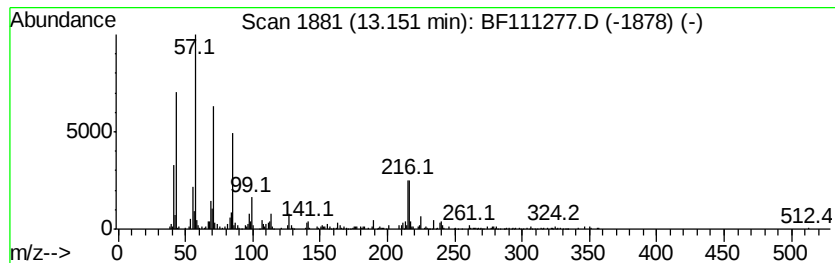
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Nonadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.15	5.41 ng	464106	Chrysene-d12	13.96	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	87
2	Octadecane	254	C18H38	000593-45-3	87
3	Tricosane	324	C23H48	000638-67-5	87
4	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	83
5	Heptacosane	380	C27H56	000593-49-7	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121118\
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Sample : J6196-03 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

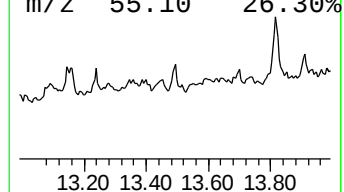
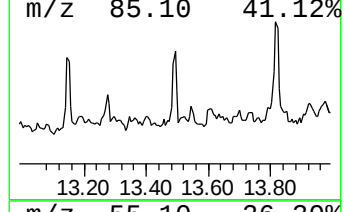
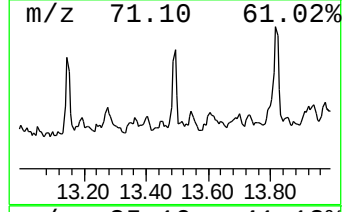
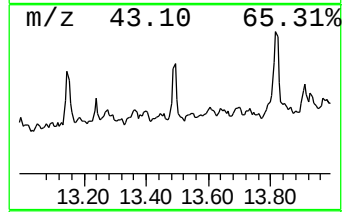
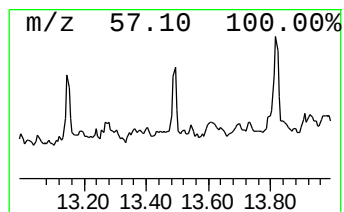
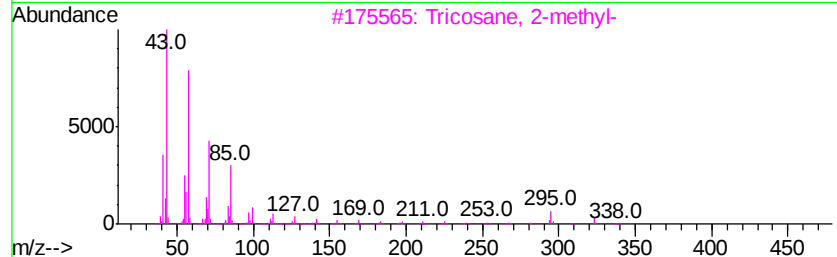
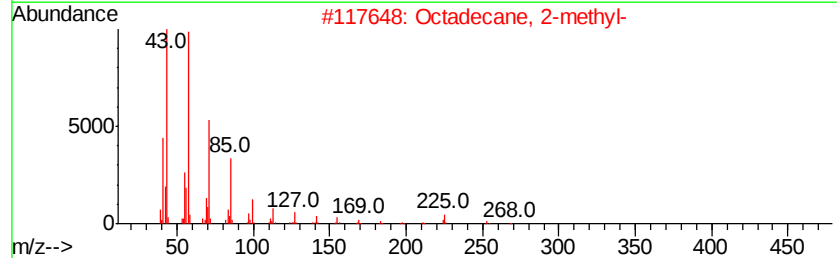
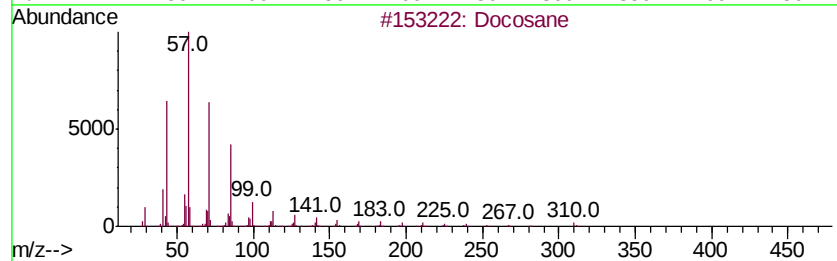
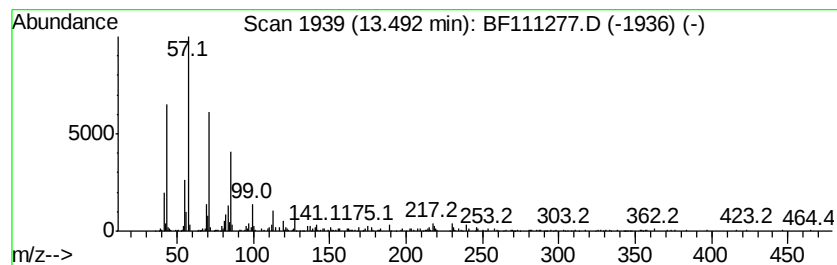
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Docosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.49	4.40 ng	377887	Chrysene-d12	13.96	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	87
2	Octadecane, 2-methyl-	268	C19H40	001560-88-9	87
3	Tricosane, 2-methyl-	338	C24H50	001928-30-9	83
4	Heptacosane	380	C27H56	000593-49-7	80
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121118\
Data File : BF111277.D
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Operator : JU/SJ
Sample : J6196-03 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-03-120718-B

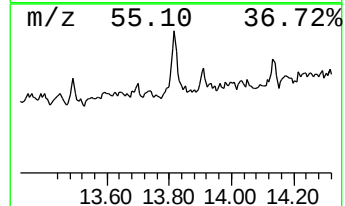
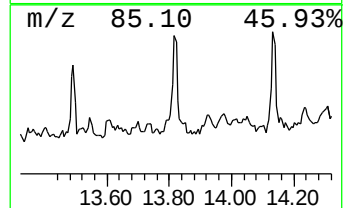
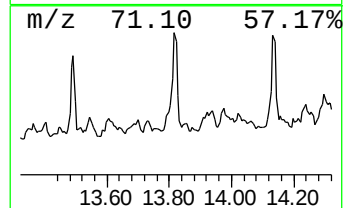
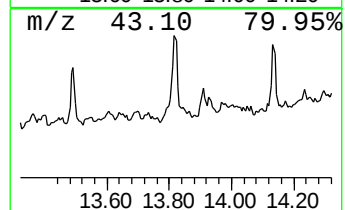
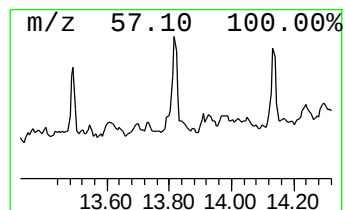
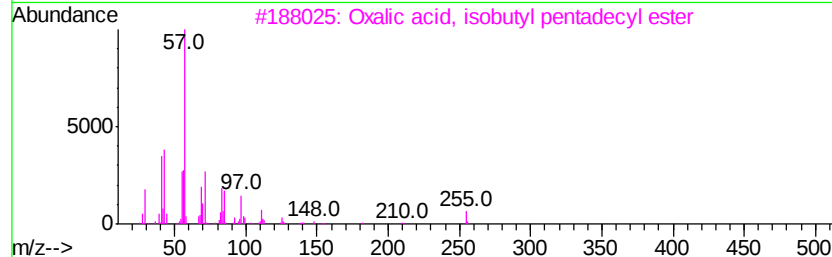
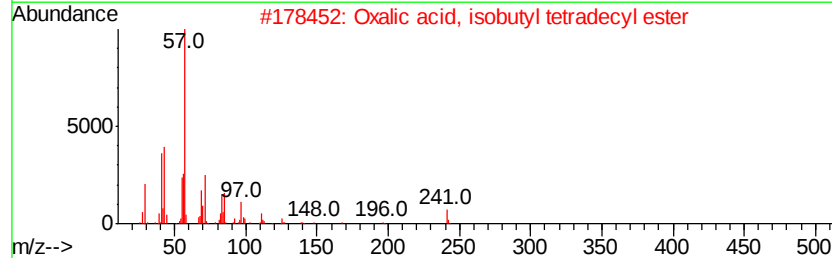
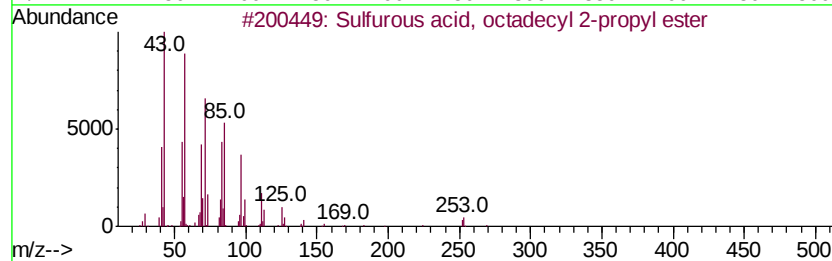
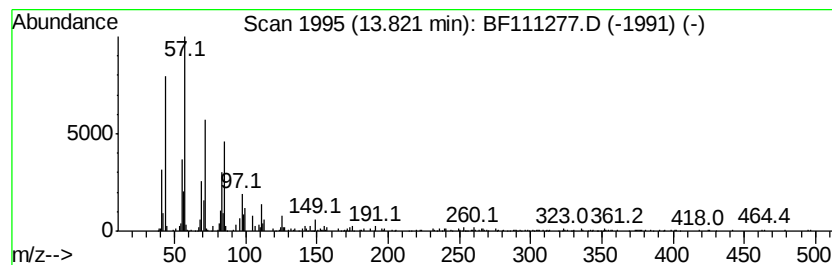
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Sulfurous acid, octadecyl 2... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	8.34 ng	715962	Chrysene-d12	13.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	91
2		Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	86
3		Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	86
4		Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	80
5		Methyl 2-tetradecyloxiranecarbox...	298	C18H34O3	1000213-09-0	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121118\
Data File : BF111277.D
Acq On : 11 Dec 2018 14:31
Operator : JU/SJ
Sample : J6196-03 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-03-120718-B

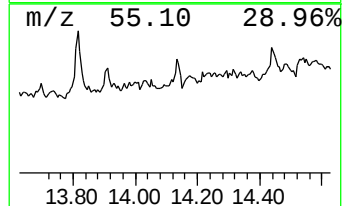
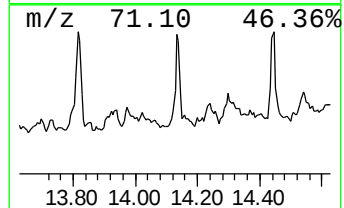
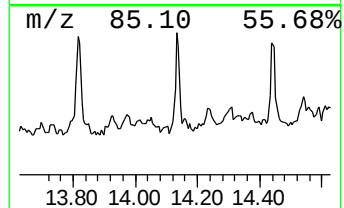
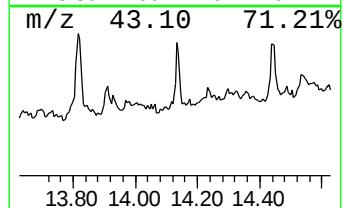
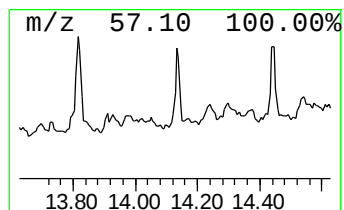
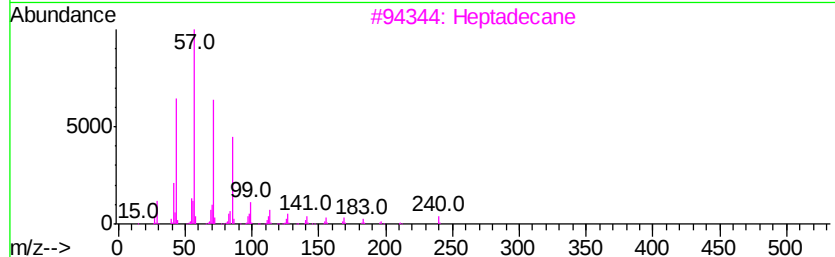
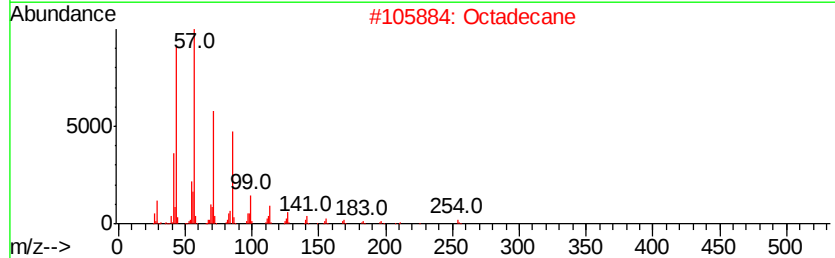
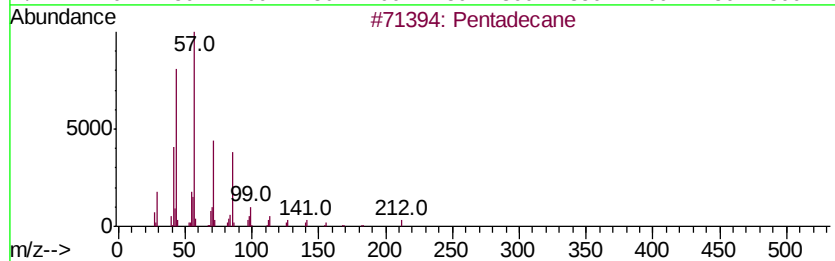
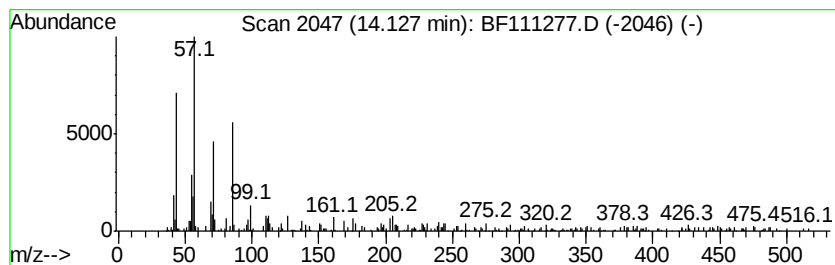
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Undecane, 5-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.13	3.55 ng	304646	Chrysene-d12	13.96

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	83
2			Octadecane	254	C18H38	000593-45-3	80
3			Heptadecane	240	C17H36	000629-78-7	80
4			Tetracosane	338	C24H50	000646-31-1	74
5			Undecane, 5-methyl-	170	C12H26	001632-70-8	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121118\
 Data File : BF111277.D
 Acq On : 11 Dec 2018 14:31
 Operator : JU/SJ
 Sample : J6196-03 2X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-03-120718-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120818.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
unknown6.56	6.56	38.2	ng	4792650	1	6.80	2511810	20.0
Tridecane	8.68	3.8	ng	698522	2	8.08	3636640	20.0
Tetradecane	9.25	5.8	ng	845312	3	9.83	2932330	20.0
Pentadecane	9.77	4.4	ng	646144	3	9.83	2932330	20.0
Hexadecane	10.27	3.9	ng	567391	3	9.83	2932330	20.0
Eicosane	10.75	7.5	ng	839193	4	11.32	2228690	20.0
Octadecane	11.20	4.4	ng	485588	4	11.32	2228690	20.0
Heptacosane	11.23	2.6	ng	294489	4	11.32	2228690	20.0
Bacchotricuneatin c	11.62	3.7	ng	414445	4	11.32	2228690	20.0
Pentadecanoic aci...	11.72	40.6	ng	4526850	4	11.32	2228690	20.0
n-Hexadecanoic acid	11.85	9.0	ng	1006700	4	11.32	2228690	20.0
2-Bromo dodecane	12.03	2.9	ng	319586	4	11.32	2228690	20.0
9,12-Octadecadien...	12.41	122.9	ng	13694800	4	11.32	2228690	20.0
13-Octadecenoic a...	12.43	93.8	ng	10448600	4	11.32	2228690	20.0
Octadecanoic acid	12.64	9.1	ng	777187	5	13.96	1716340	20.0
Nonadecane	13.15	5.4	ng	464106	5	13.96	1716340	20.0
Docosane	13.49	4.4	ng	377887	5	13.96	1716340	20.0
Sulfurous acid, o...	13.82	8.3	ng	715962	5	13.96	1716340	20.0
Undecane, 5-methyl-	14.13	3.5	ng	304646	5	13.96	1716340	20.0