

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF010719\
 Data File : BF111897.D
 Acq On : 8 Jan 2019 00:42
 Operator : JU/SJ
 Sample : K1012-03 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-010419-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-BF010719.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	5.522	580	584	595	rVB	1678319	1473895	13.41%	2.843%
2	6.528	751	755	761	rBV	1682327	1438348	13.09%	2.775%
3	6.663	774	778	782	rBV	1625240	1330277	12.10%	2.566%
4	6.886	813	816	824	rVB	972111	853504	7.76%	1.647%
5	7.045	839	843	846	rBV	1395020	1091089	9.93%	2.105%
6	7.445	902	911	914	rBV	1019754	887402	8.07%	1.712%
7	7.486	916	918	922	rVB	152519	115674	1.05%	0.223%
8	8.169	1029	1034	1038	rBV	886169	950305	8.65%	1.833%
9	8.463	1079	1084	1091	rBV5	71183	113642	1.03%	0.219%
10	8.763	1132	1135	1139	rBV	322224	256190	2.33%	0.494%
11	9.245	1213	1217	1220	rBV	1504393	1182937	10.76%	2.282%
12	9.328	1228	1231	1236	rBV	335403	290769	2.65%	0.561%
13	9.639	1281	1284	1288	rBV2	125011	190848	1.74%	0.368%
14	9.857	1318	1321	1325	rVB	311426	235626	2.14%	0.455%
15	9.927	1330	1333	1337	rVB	964922	797527	7.26%	1.539%
16	10.357	1403	1406	1409	rVB	367419	267518	2.43%	0.516%
17	10.580	1439	1444	1449	rVB	110926	150622	1.37%	0.291%
18	10.716	1461	1467	1471	rBV	1064622	915232	8.33%	1.766%
19	10.827	1483	1486	1495	rVB	286556	334504	3.04%	0.645%
20	11.280	1559	1563	1565	rBV	232579	206723	1.88%	0.399%
21	11.310	1565	1568	1573	rVB	137154	137217	1.25%	0.265%
22	11.416	1582	1586	1588	rBV	974198	864953	7.87%	1.669%
23	11.439	1588	1590	1593	rVV	377470	319957	2.91%	0.617%
24	11.704	1632	1635	1637	rBV	236778	188196	1.71%	0.363%
25	11.804	1648	1652	1655	rBV	3975947	3621994	32.95%	6.987%
26	11.916	1668	1671	1673	rBV	122958	118440	1.08%	0.228%
27	11.939	1673	1675	1678	rVB2	361469	308091	2.80%	0.594%
28	12.027	1687	1690	1692	rBV	141674	136314	1.24%	0.263%
29	12.110	1700	1704	1709	rVB	192073	203818	1.85%	0.393%
30	12.210	1718	1721	1723	rBV	136028	121419	1.10%	0.234%
31	12.504	1765	1771	1772	rBV	9024262	10991961	100.00%	21.205%
32	12.527	1772	1775	1780	rVV	9207686	9868390	89.78%	19.037%
33	12.598	1783	1787	1790	rBV	2313393	1879760	17.10%	3.626%
34	12.627	1790	1792	1794	rBV	753878	612622	5.57%	1.182%

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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

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35	12.651	1794	1796	1798	rVB	253536	179607	1.63%	0.346%
36	12.721	1806	1808	1813	rVB3	136267	132062	1.20%	0.255%
37	12.833	1823	1827	1829	rBV2	458562	491698	4.47%	0.949%
38	12.857	1829	1831	1839	rVB	657819	747074	6.80%	1.441%
39	12.998	1851	1855	1858	rBV	1718081	1441991	13.12%	2.782%
40	13.080	1865	1869	1871	rBV3	110770	158419	1.44%	0.306%
41	13.157	1879	1882	1884	rBV	402290	356326	3.24%	0.687%
42	13.186	1884	1887	1892	rVV3	289335	434099	3.95%	0.837%
43	13.245	1892	1897	1901	rVB3	365829	562284	5.12%	1.085%
44	13.321	1907	1910	1911	rBV	284053	235739	2.14%	0.455%
45	13.339	1911	1913	1917	rVB3	265838	266687	2.43%	0.514%
46	13.380	1917	1920	1923	rBV2	351674	308707	2.81%	0.596%
47	13.568	1950	1952	1957	rVV	149796	126452	1.15%	0.244%
48	13.898	2004	2008	2011	rBV2	191171	201236	1.83%	0.388%
49	13.986	2020	2023	2028	rBV	246255	259483	2.36%	0.501%
50	14.057	2030	2035	2037	rVV2	1232810	1382396	12.58%	2.667%
51	14.080	2037	2039	2046	rVB	284824	254669	2.32%	0.491%
52	14.215	2059	2062	2065	rVB	170590	147363	1.34%	0.284%
53	14.498	2108	2110	2112	rBV2	127775	154760	1.41%	0.299%
54	14.827	2164	2166	2169	rVB	154581	132943	1.21%	0.256%
55	15.174	2222	2225	2230	rVB	263625	306638	2.79%	0.592%
56	15.539	2283	2287	2290	rBV	480577	617593	5.62%	1.191%
57	16.009	2364	2367	2371	rVB2	142173	193993	1.76%	0.374%
58	16.439	2436	2440	2442	rBV5	79577	123986	1.13%	0.239%
59	16.521	2452	2454	2461	rVB4	104491	165280	1.50%	0.319%

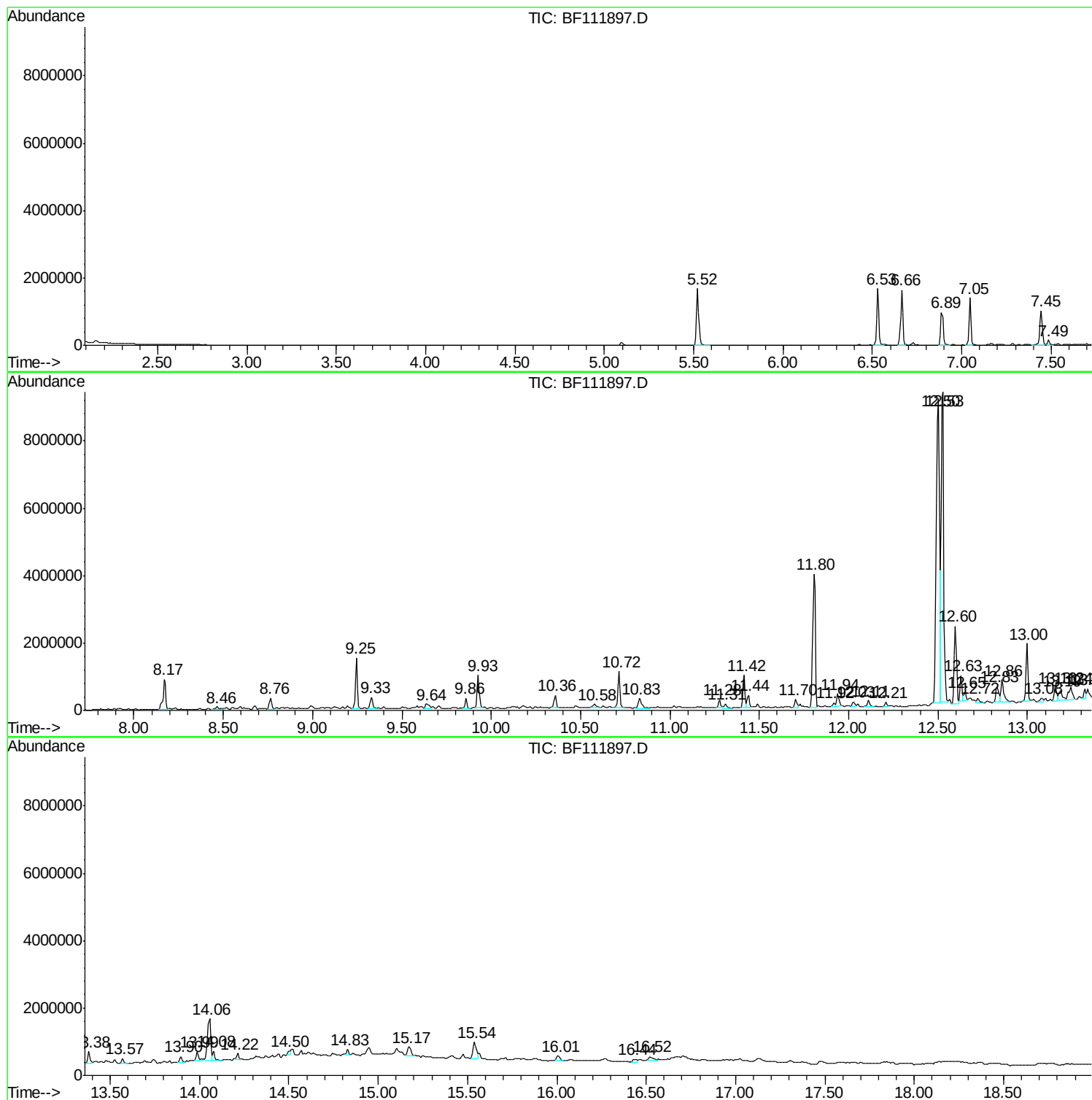
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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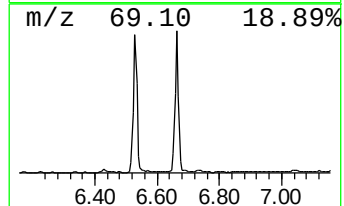
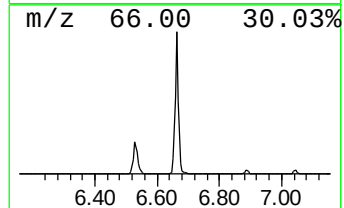
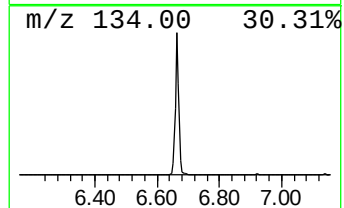
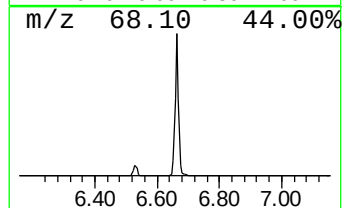
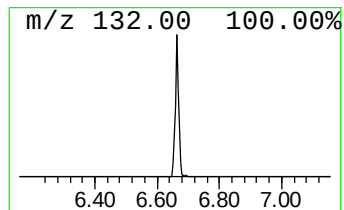
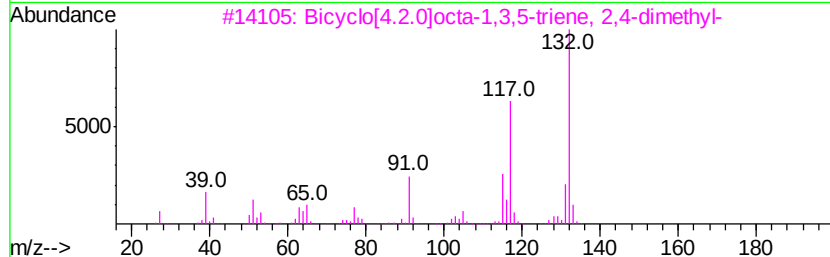
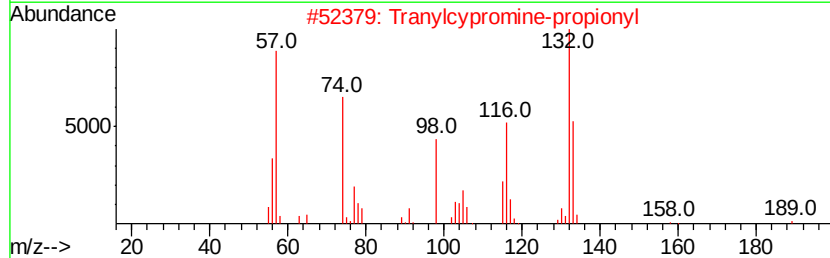
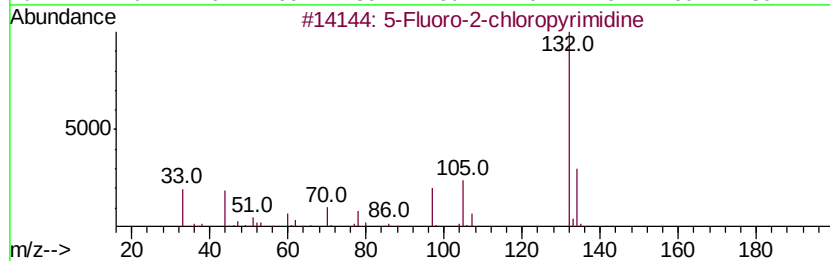
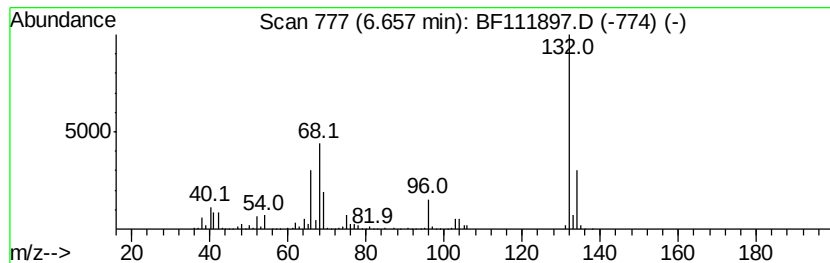
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.66 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	31.17 ng	1330280	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5		Xenon	132	Xe	007440-63-3	9



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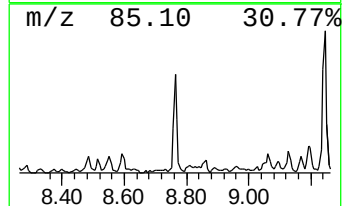
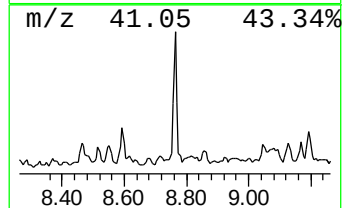
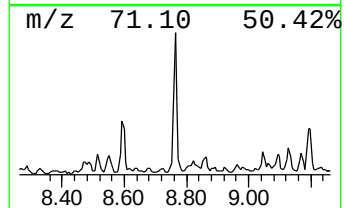
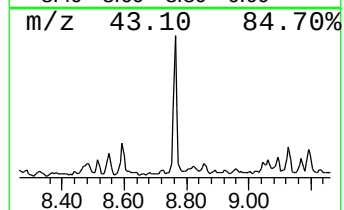
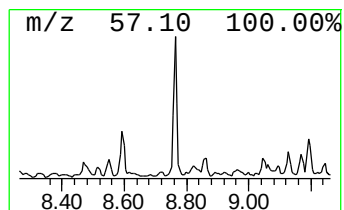
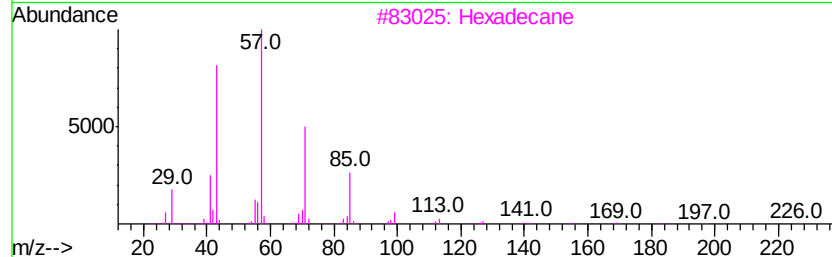
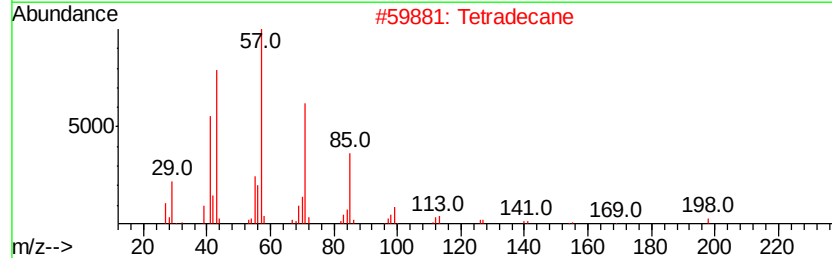
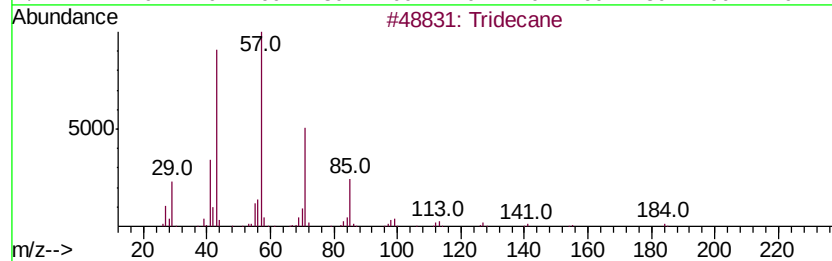
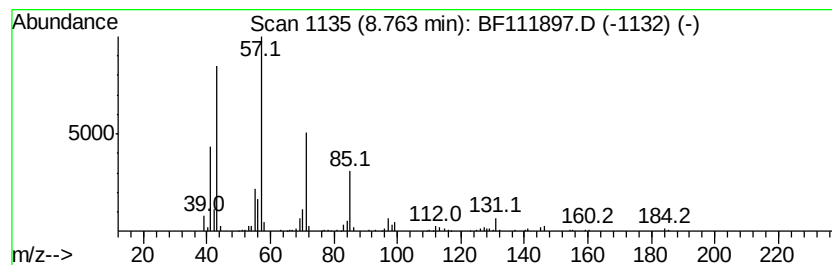
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Tridecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.76	5.39 ng	256190	Naphthalene-d8	8.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	93
2		Tetradecane	198	C14H30	000629-59-4	86
3		Hexadecane	226	C16H34	000544-76-3	86
4		Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	80
5		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78



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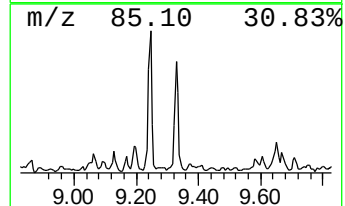
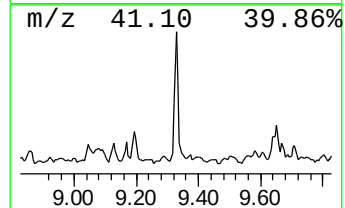
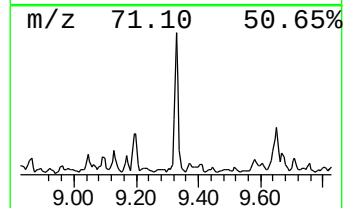
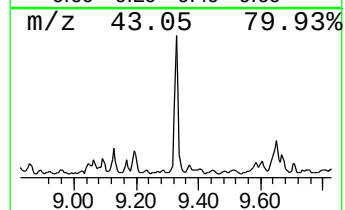
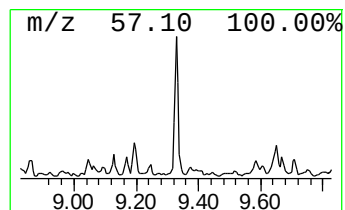
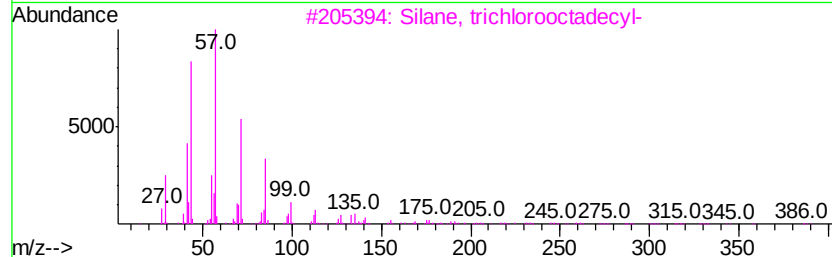
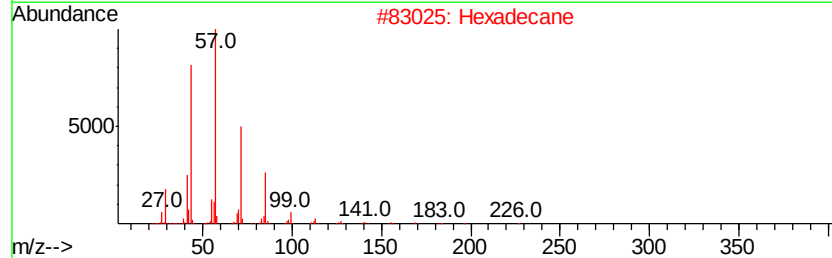
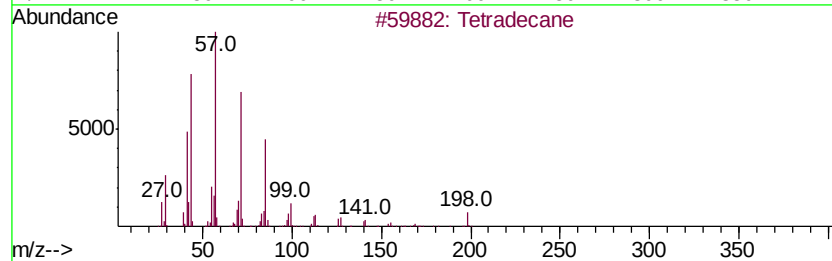
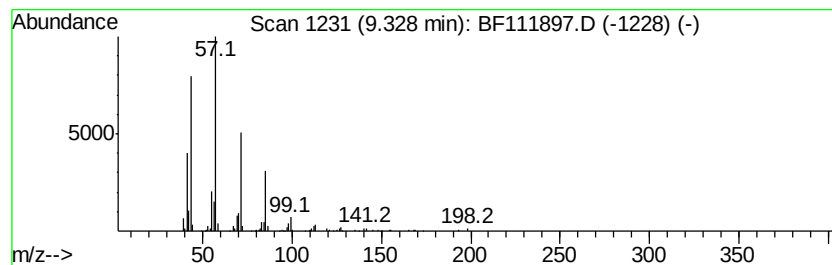
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Tetradecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.33	7.29 ng	290769	Acenaphthene-d10	9.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	95
2		Hexadecane	226	C16H34	000544-76-3	91
3		Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	90
4		Tridecane	184	C13H28	000629-50-5	90
5		Undecane	156	C11H24	001120-21-4	86



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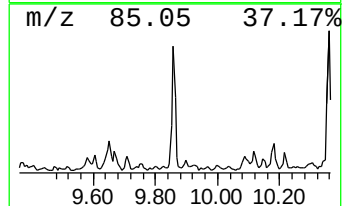
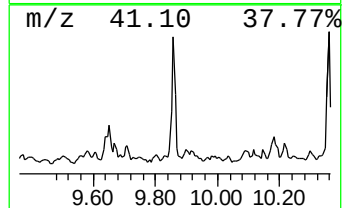
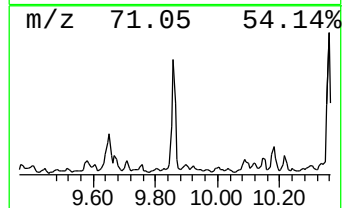
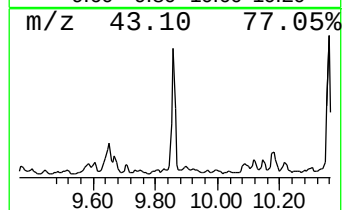
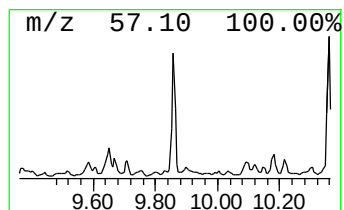
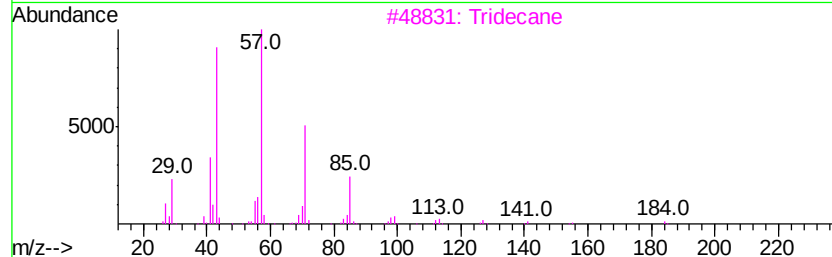
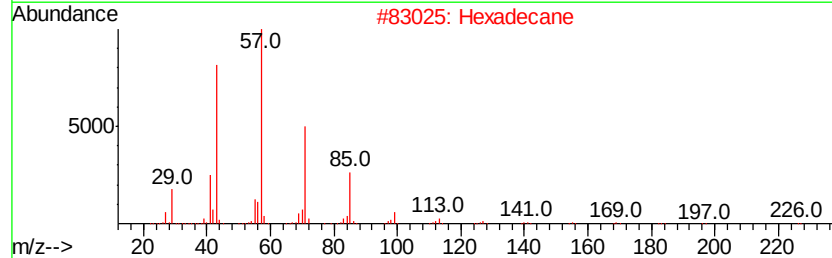
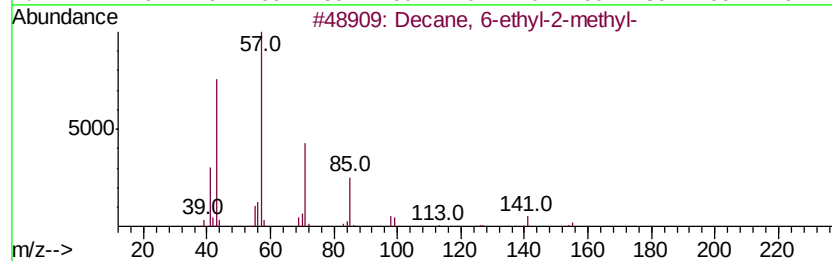
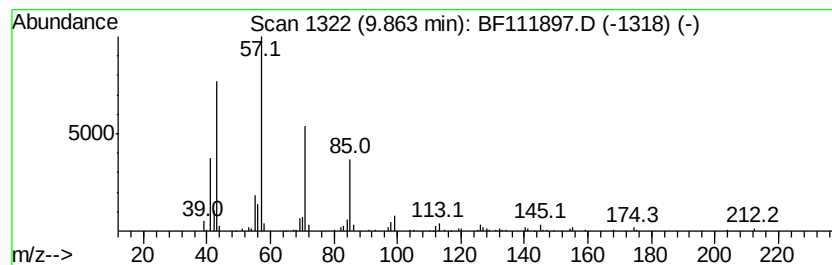
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Decane, 6-ethyl-2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.86	5.91 ng	235626	Acenaphthene-d10	9.93	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Tridecane	184	C13H28	000629-50-5	90
4	Tridecane, 4,8-dimethyl-	212	C15H32	055030-62-1	86
5	Pentadecane	212	C15H32	000629-62-9	81



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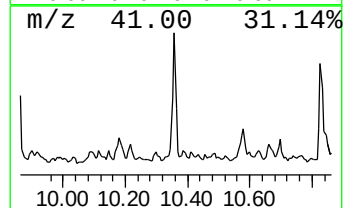
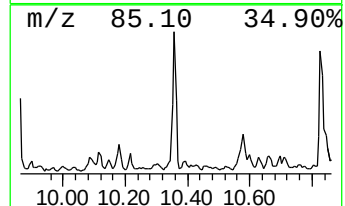
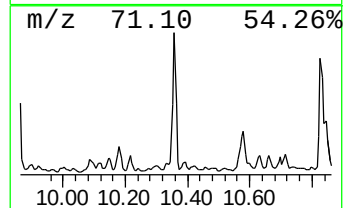
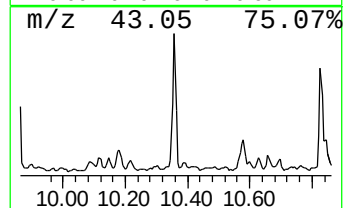
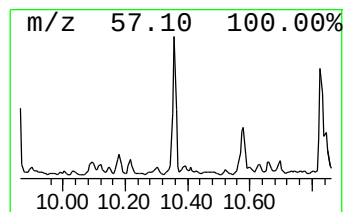
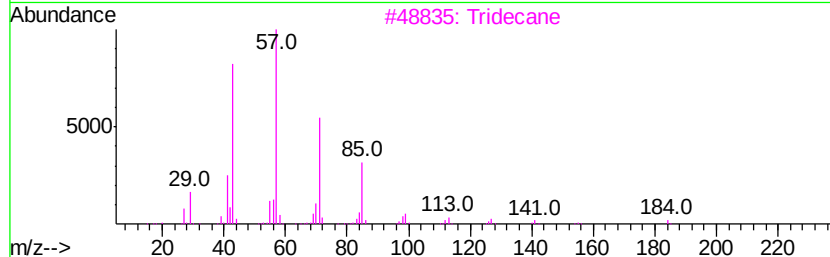
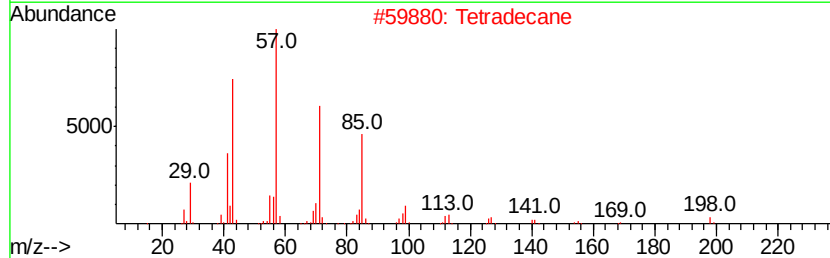
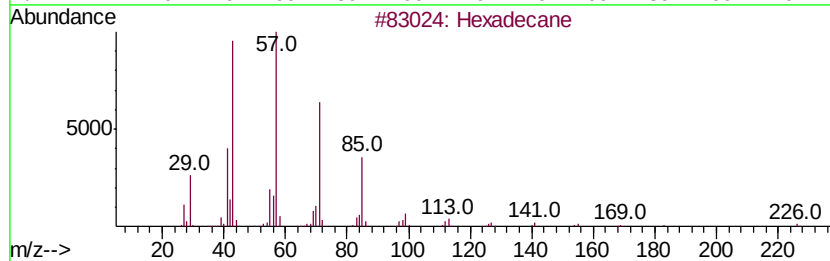
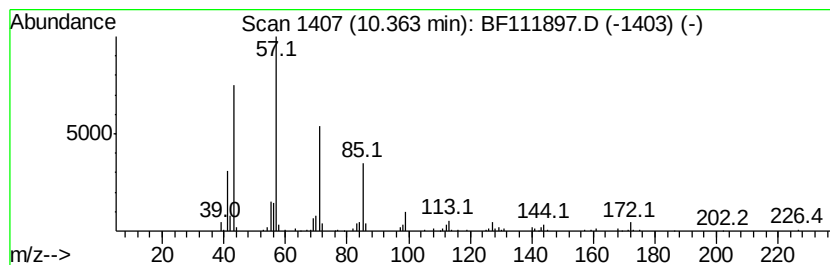
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ClientSampleId :
EO-02-010419-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.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 10

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.36	6.71 ng	267518	Acenaphthene-d10		9.93
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Tetradecane	198	C14H30	000629-59-4	90
3	Tridecane	184	C13H28	000629-50-5	80
4	Nonane, 5-butyl-	184	C13H28	017312-63-9	64
5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
Data File : BF111897.D
Acq On : 8 Jan 2019 00:42
Operator : JU/SJ
Sample : K1012-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-02-010419-B

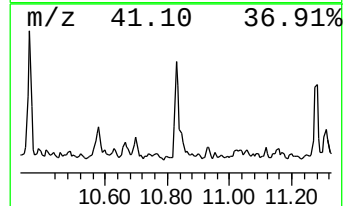
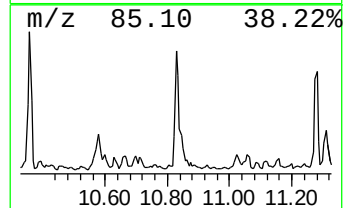
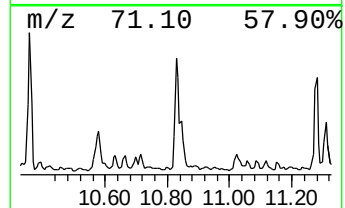
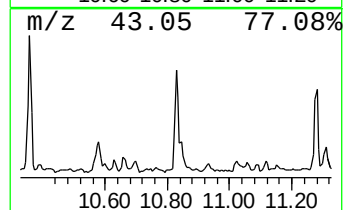
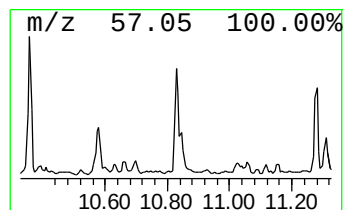
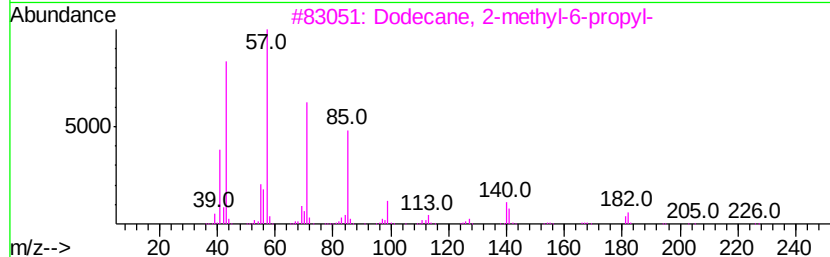
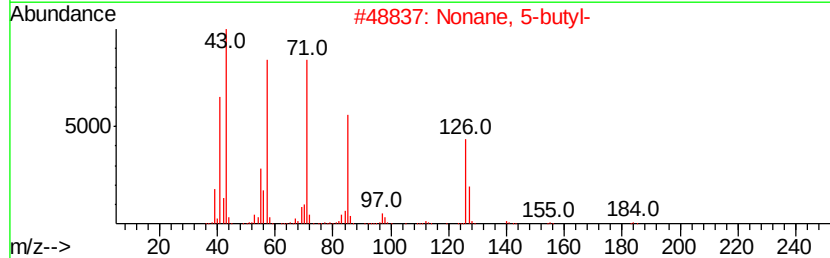
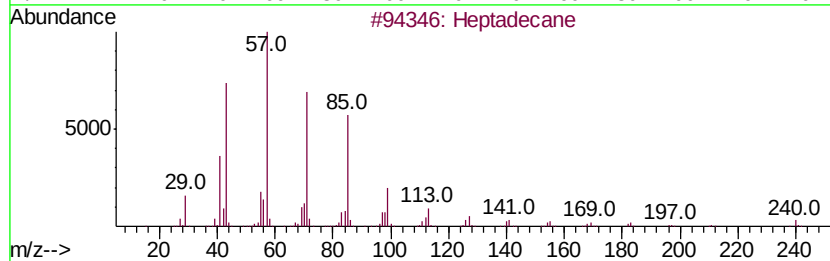
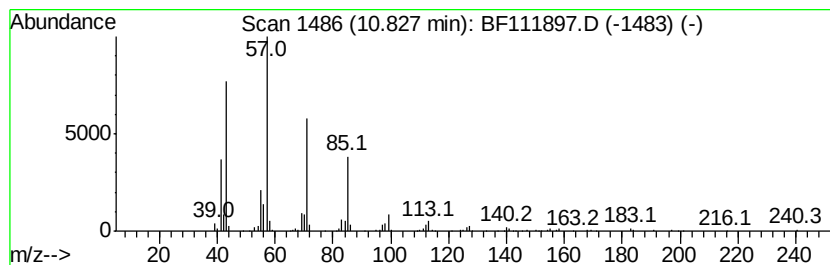
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heptadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.83	7.73 ng	334504	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	97
2	Nonane, 5-butyl-	184	C13H28	017312-63-9	90
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
4	Tetradecane	198	C14H30	000629-59-4	87
5	Pentadecane	212	C15H32	000629-62-9	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
Data File : BF111897.D
Acq On : 8 Jan 2019 00:42
Operator : JU/SJ
Sample : K1012-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-02-010419-B

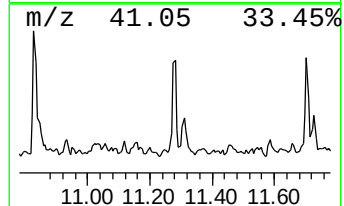
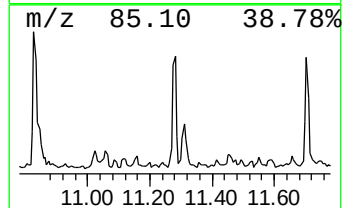
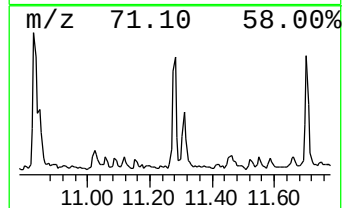
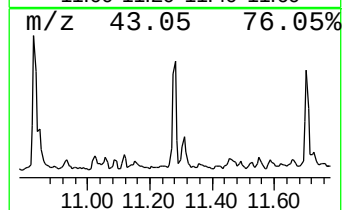
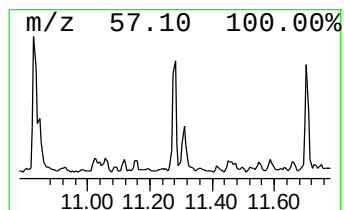
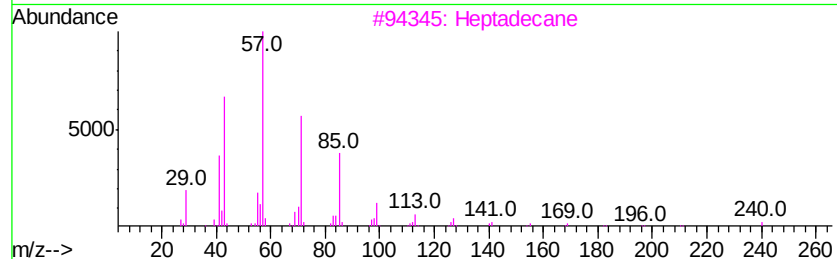
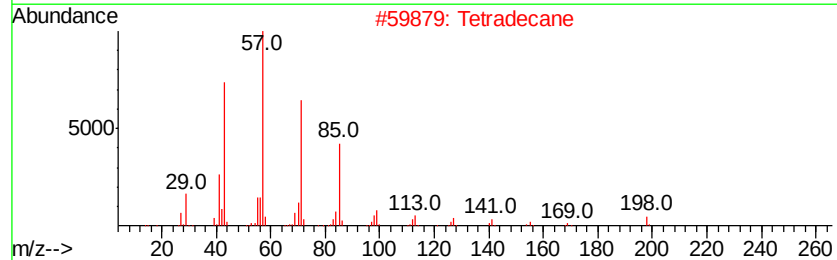
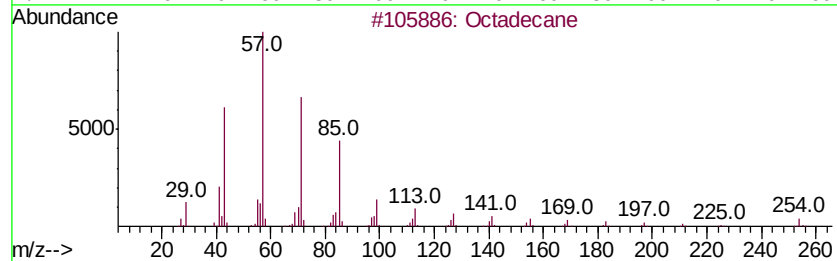
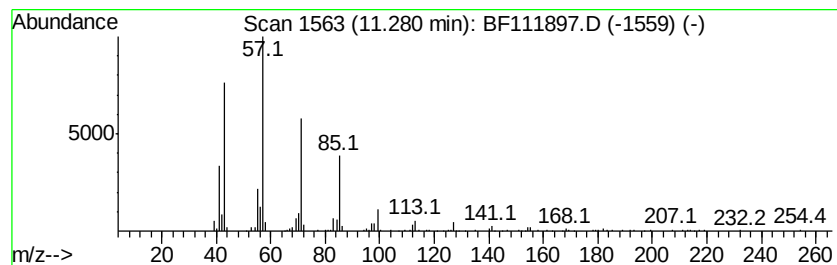
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.28	4.78 ng	206723	Phenanthrene-d10	11.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	95
2		Tetradecane	198	C14H30	000629-59-4	91
3		Heptadecane	240	C17H36	000629-78-7	91
4		Pentadecane	212	C15H32	000629-62-9	91
5		Tetratetracontane	619	C44H90	007098-22-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
Data File : BF111897.D
Acq On : 8 Jan 2019 00:42
Operator : JU/SJ
Sample : K1012-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

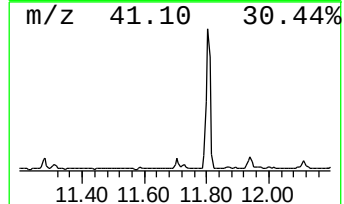
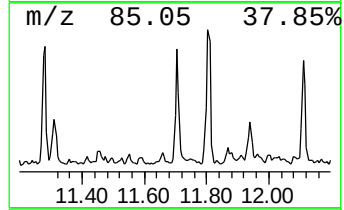
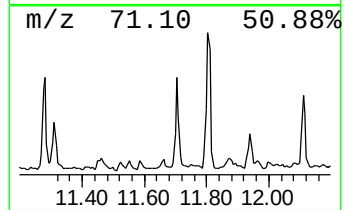
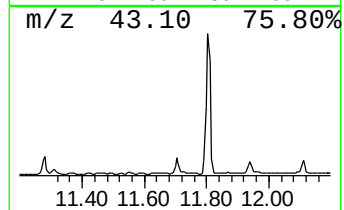
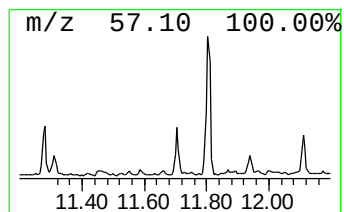
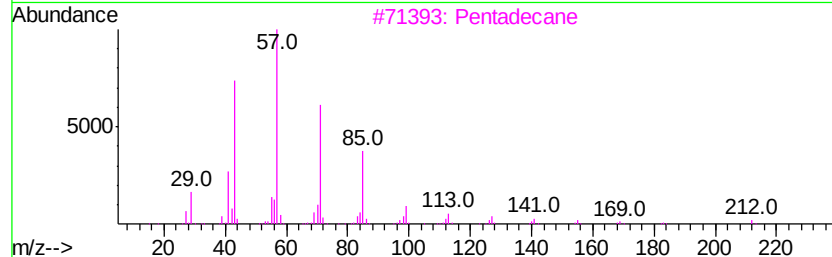
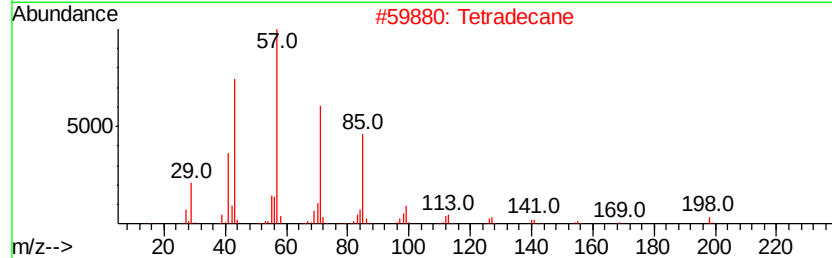
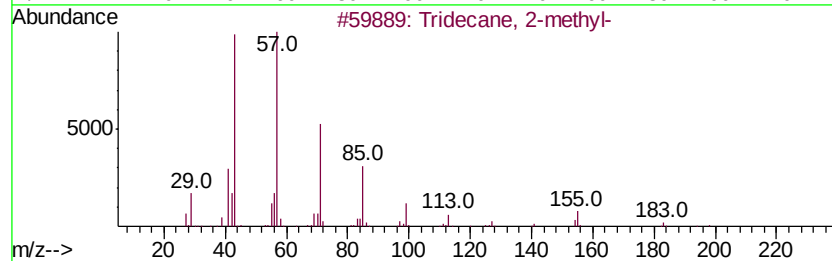
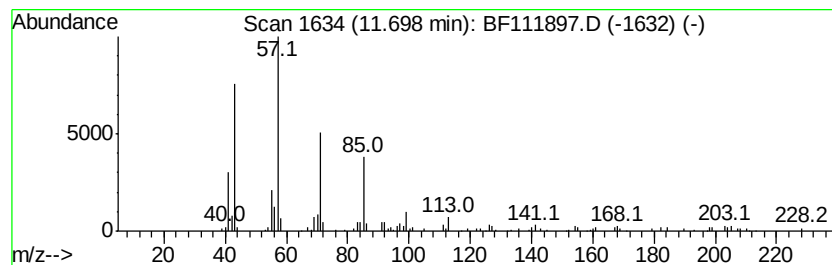
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tridecane, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.70	4.35 ng	188196	Phenanthrene-d10		11.42
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 2-methyl-	198	C14H30	001560-96-9	87
2	Tetradecane	198	C14H30	000629-59-4	83
3	Pentadecane	212	C15H32	000629-62-9	80
4	Octadecane	254	C18H38	000593-45-3	80
5	Heneicosane	296	C21H44	000629-94-7	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
Data File : BF111897.D
Acq On : 8 Jan 2019 00:42
Operator : JU/SJ
Sample : K1012-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

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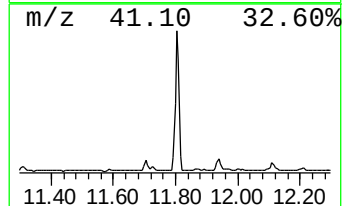
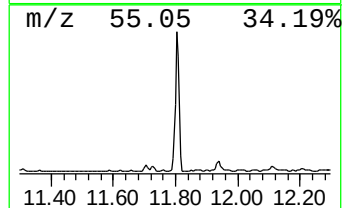
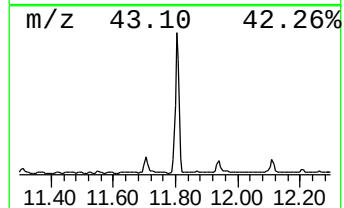
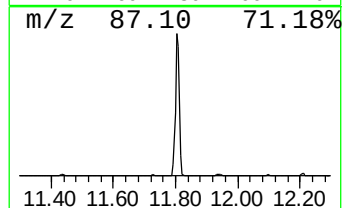
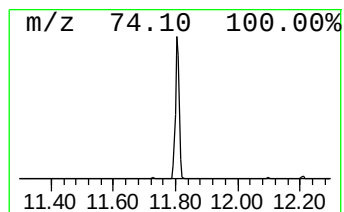
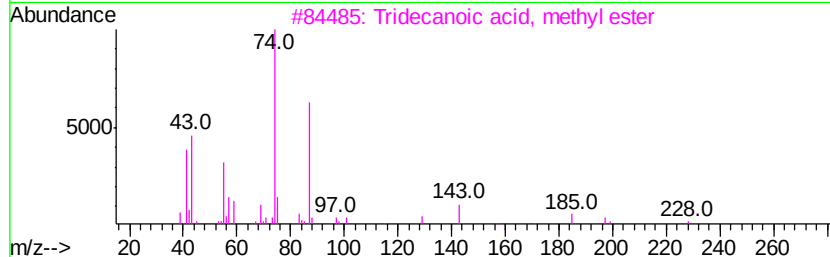
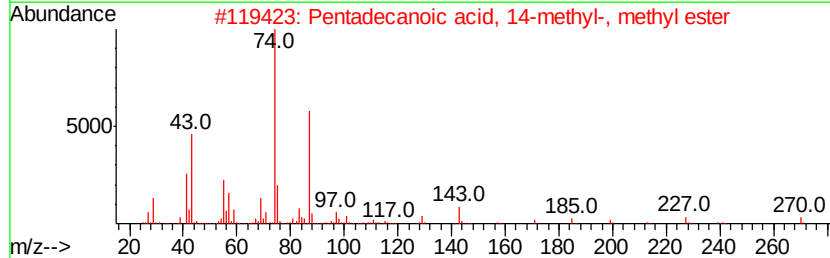
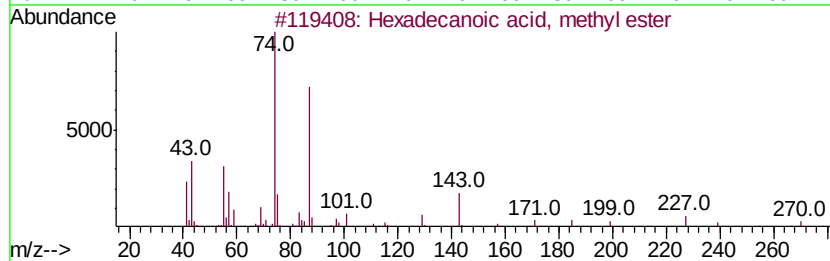
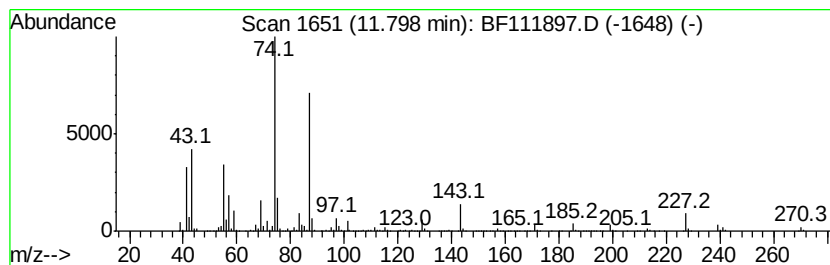
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	83.75 ng	3621990	Phenanthrene-d10	11.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	96
3		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	91
4		Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
5		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
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Sample : K1012-03 2X
Misc :
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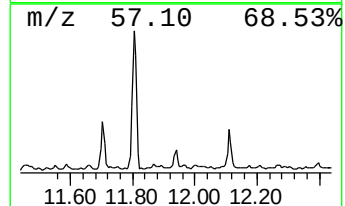
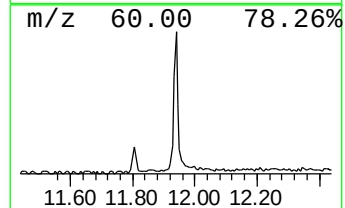
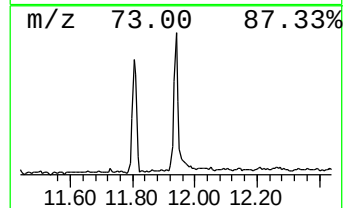
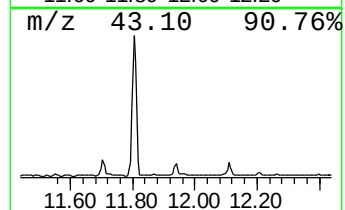
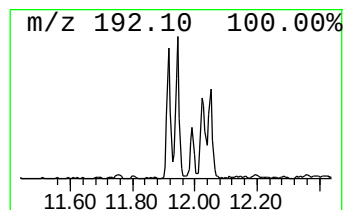
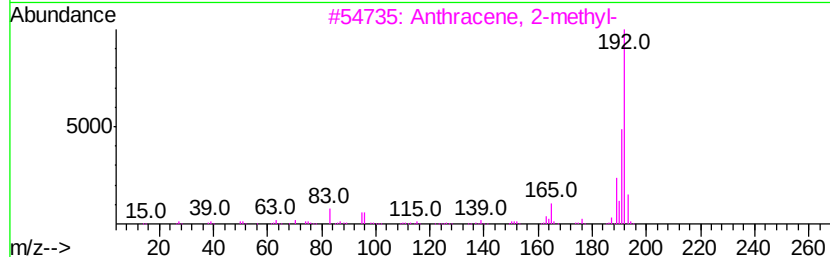
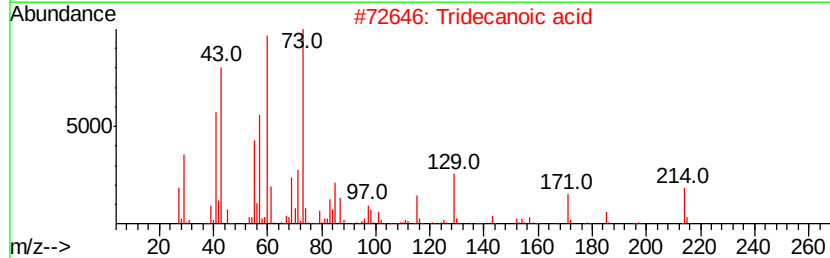
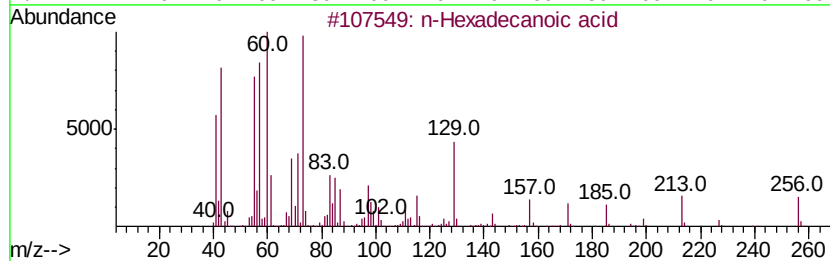
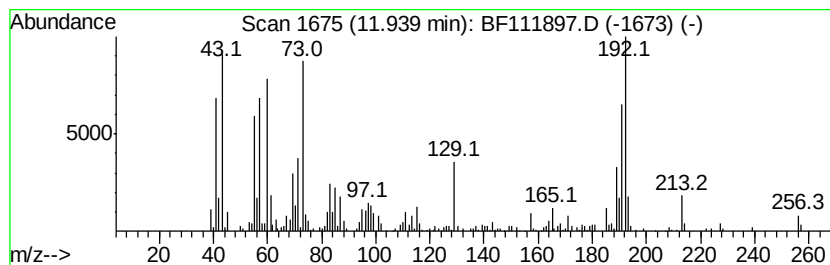
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.94	7.12 ng	308091	Phenanthrene-d10	11.42	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tridecanoic acid	214	C13H26O2	000638-53-9	60
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	59
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	46
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
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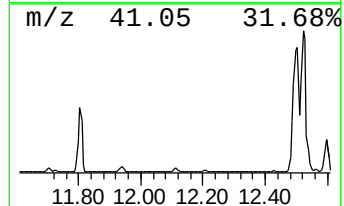
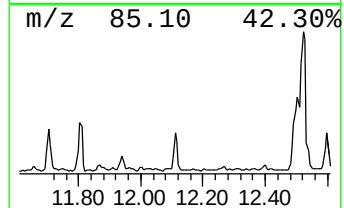
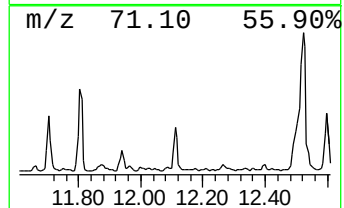
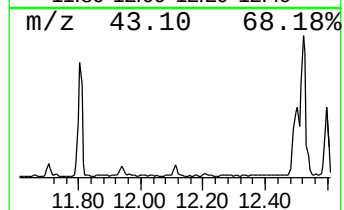
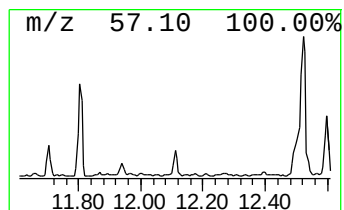
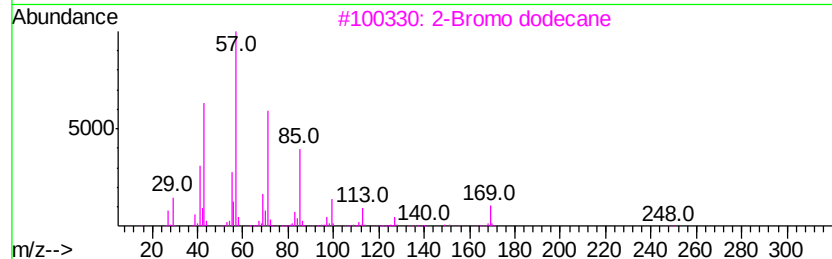
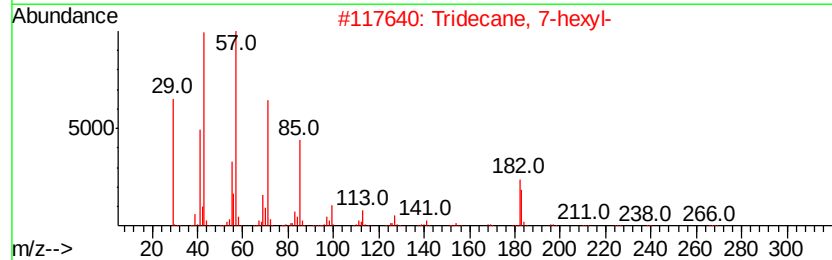
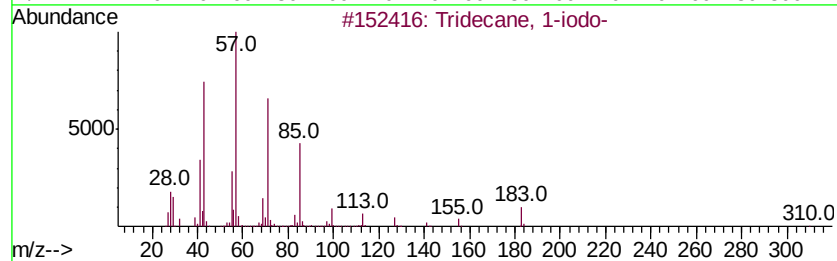
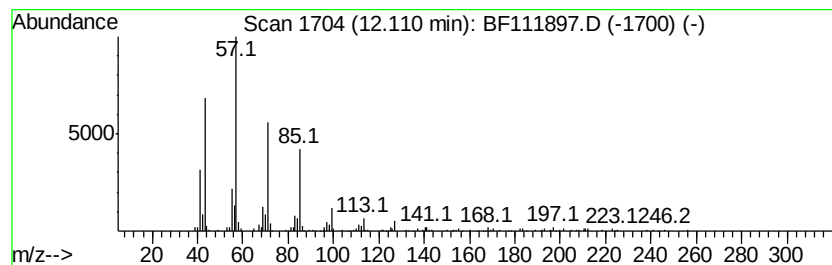
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Tridecane, 1-iodo- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.11	4.71 ng	203818	Phenanthrene-d10		11.42
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
2	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	91
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	3,5-Dimethyldodecane	198	C14H30	107770-99-0	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
Data File : BF111897.D
Acq On : 8 Jan 2019 00:42
Operator : JU/SJ
Sample : K1012-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

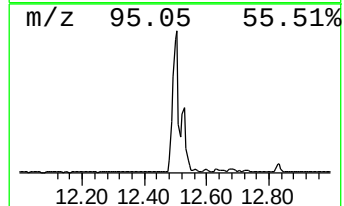
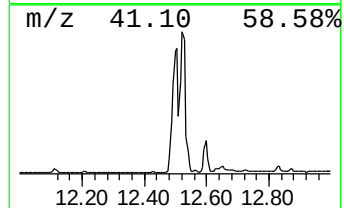
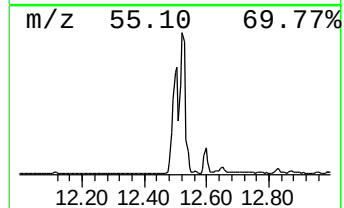
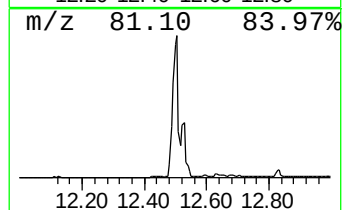
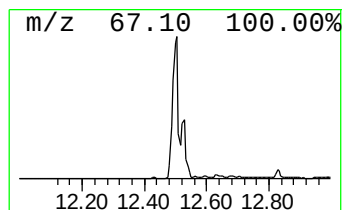
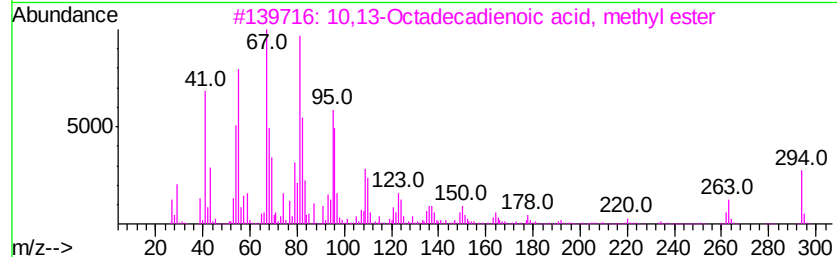
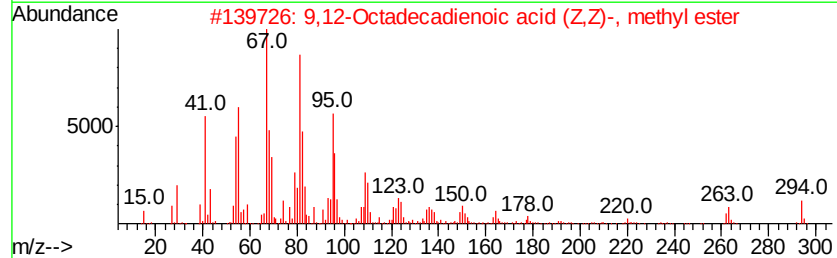
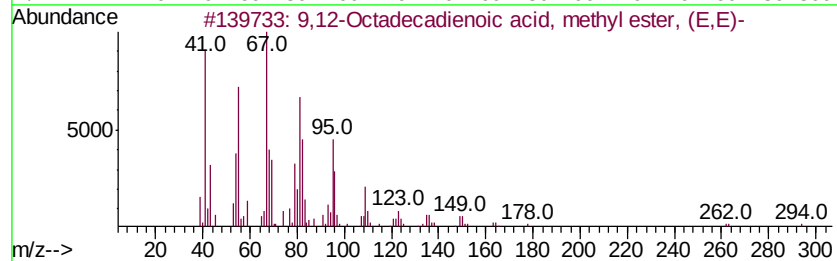
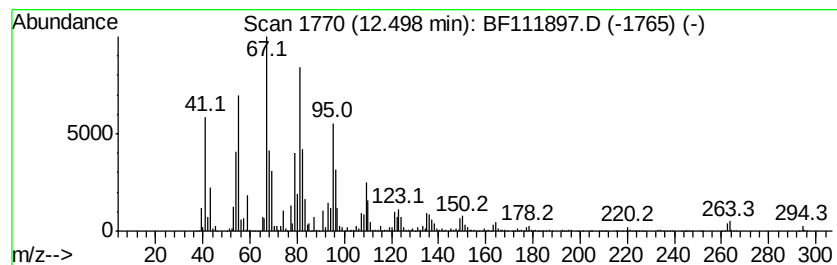
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ClientSampleId :
EO-02-010419-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.50	254.16 ng	10992000	Phenanthrene-d10	11.42	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
3	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
4	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
Data File : BF111897.D
Acq On : 8 Jan 2019 00:42
Operator : JU/SJ
Sample : K1012-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-010419-B

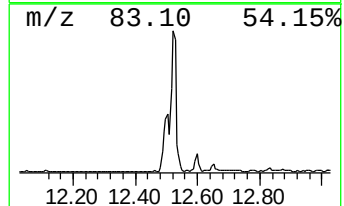
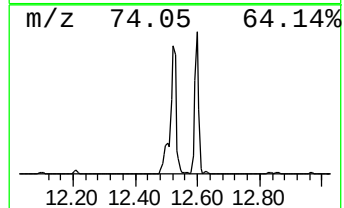
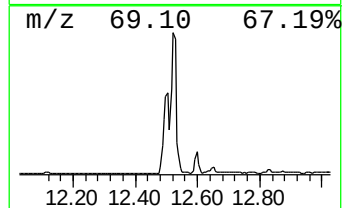
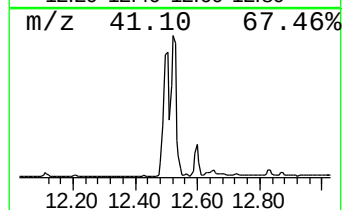
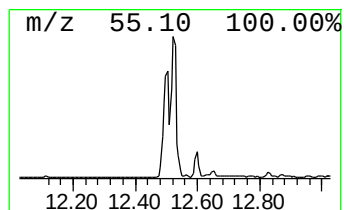
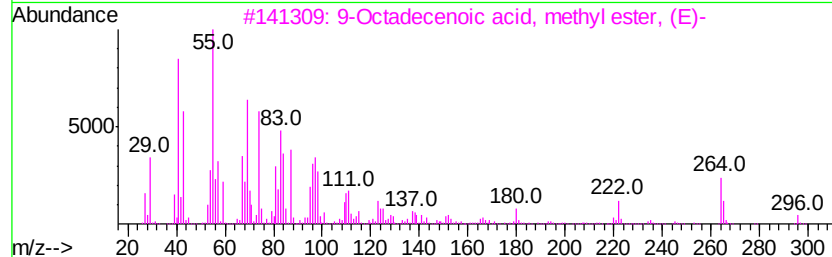
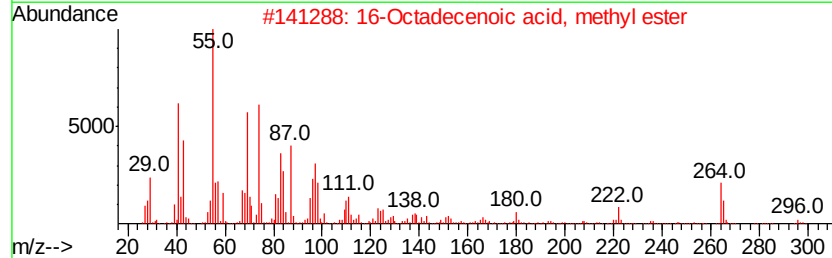
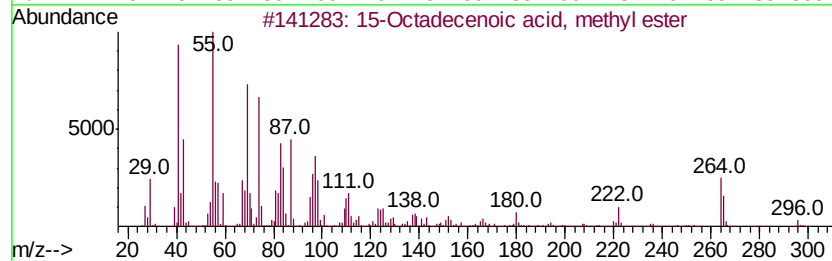
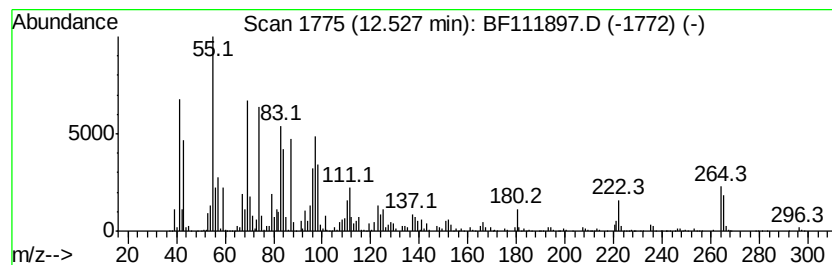
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 15-Octadecenoic acid, methyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	228.18 ng	9868390	Phenanthrene-d10	11.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	97
2		16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	95
3		9-Octadecenoic acid, methyl ester...	296	C19H36O2	001937-62-8	91
4		8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	90
5		6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
 Data File : BF111897.D
 Acq On : 8 Jan 2019 00:42
 Operator : JU/SJ
 Sample : K1012-03 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 EO-02-010419-B

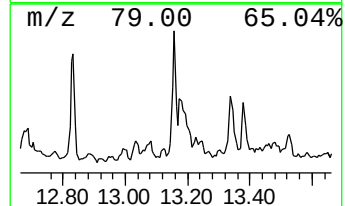
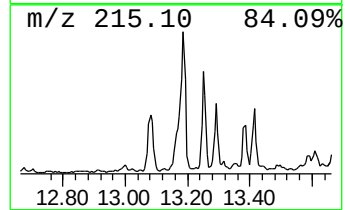
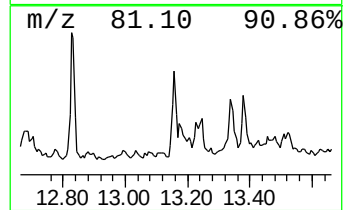
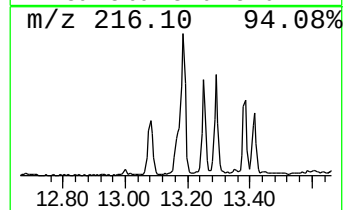
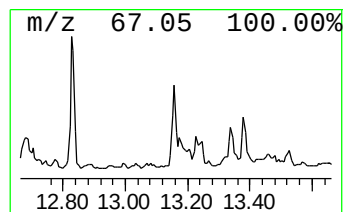
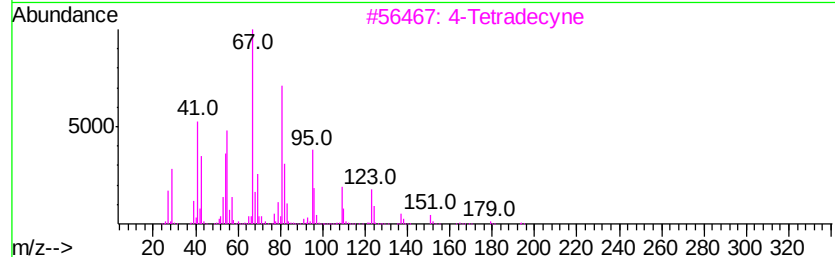
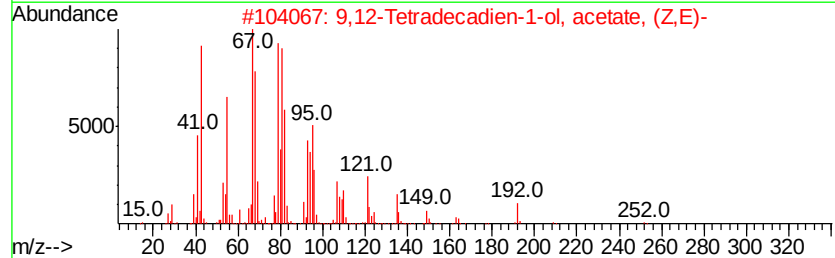
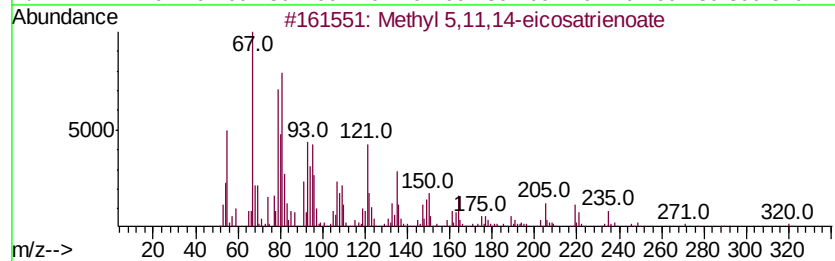
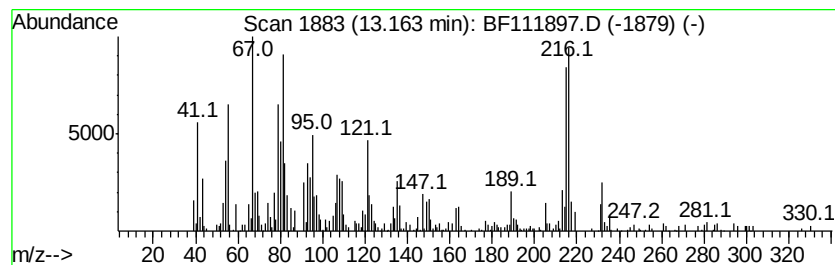
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 15 Methyl 5,11,14-eicosatrienoate Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	5.16 ng	356326	Chrysene-d12	14.06

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methyl 5,11,14-eicosatrienoate	320	C21H36O2	1000336-40-2	93
2			9,12-Tetradecadien-1-ol, acetate...	252	C16H28O2	031654-77-0	74
3			4-Tetradecyne	194	C14H26	060212-33-1	58
4			Bicyclo[10.1.0]tridec-1-ene	178	C13H22	054766-91-5	58
5			9-Octadecyne	250	C18H34	035365-59-4	55



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
Data File : BF111897.D
Acq On : 8 Jan 2019 00:42
Operator : JU/SJ
Sample : K1012-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

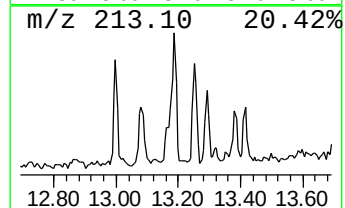
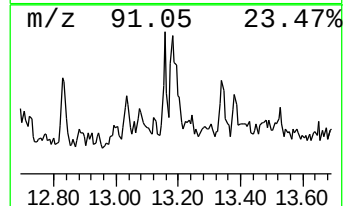
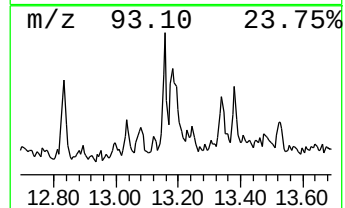
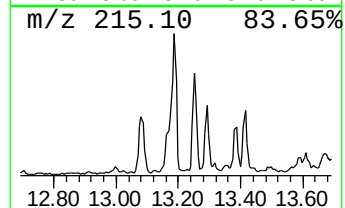
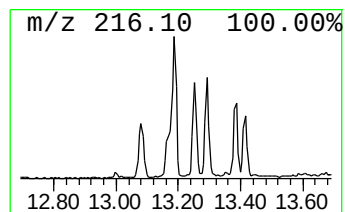
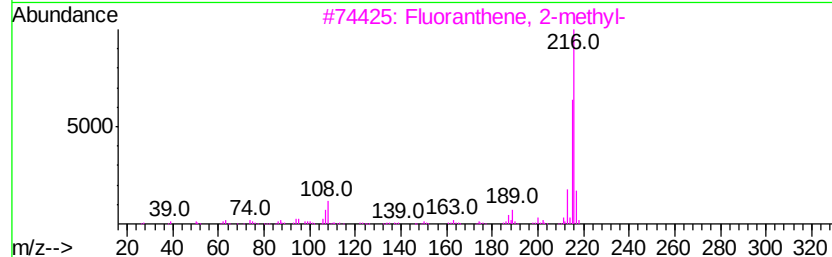
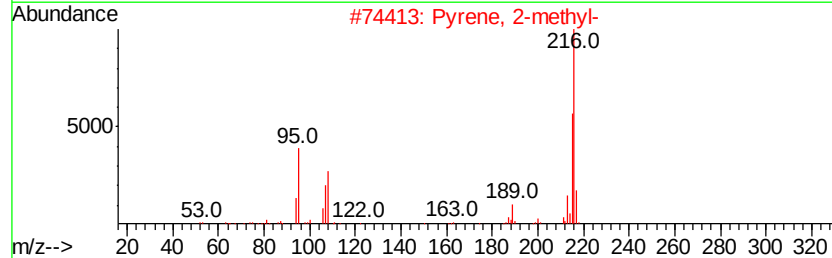
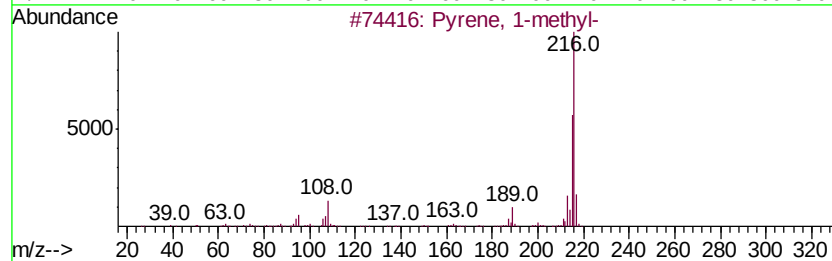
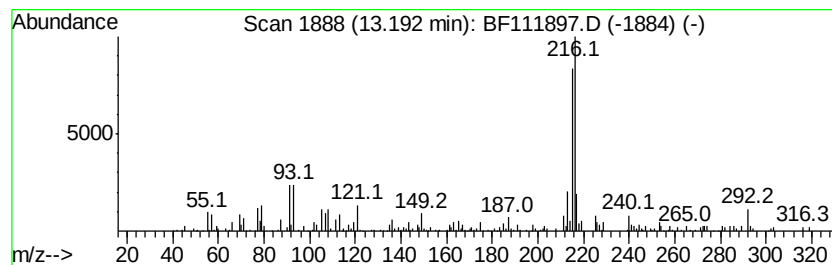
Instrument :
BNA_F
ClientSampleId :
EO-02-010419-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Pyrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.
13.19	6.28 ng	434099	Chrysene-d12		14.06
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
Data File : BF111897.D
Acq On : 8 Jan 2019 00:42
Operator : JU/SJ
Sample : K1012-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

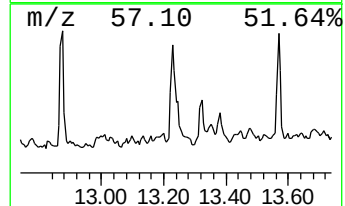
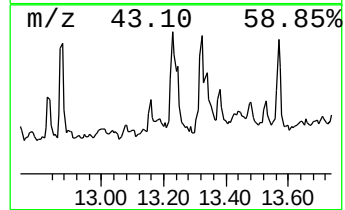
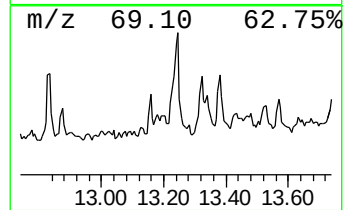
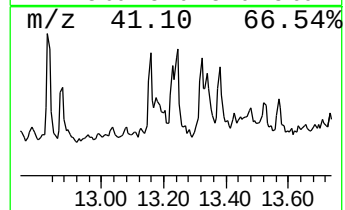
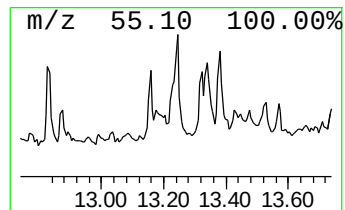
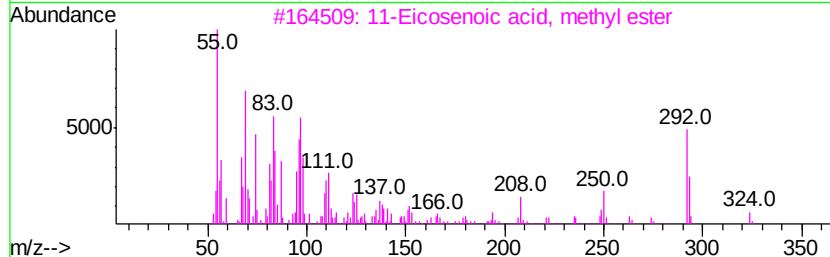
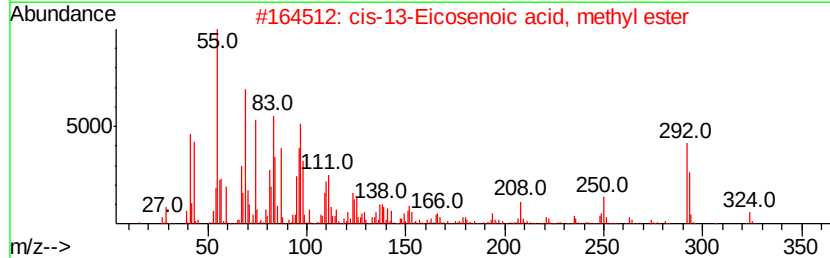
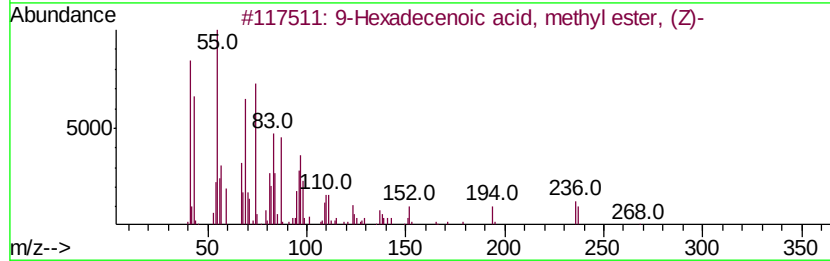
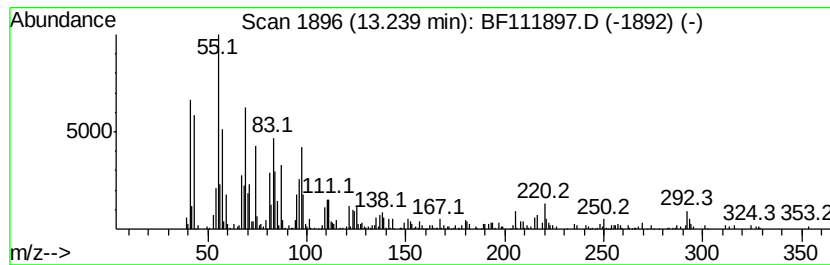
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 9-Hexadecenoic acid, methyl... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.24	8.13 ng	562284	Chrysene-d12	14.06		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Hexadecenoic acid, methyl este...	268	C17H32O2	001120-25-8	78	
2	cis-13-Eicosenoic acid, methyl e...	324	C21H40O2	1000333-52-1	70	
3	11-Eicosenoic acid, methyl ester	324	C21H40O2	003946-08-5	64	
4	cis-11-Eicosenoic acid, methyl e...	324	C21H40O2	1000333-63-8	64	
5	Methyl 13-eicosenoate	324	C21H40O2	1000336-48-4	58	



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
Data File : BF111897.D
Acq On : 8 Jan 2019 00:42
Operator : JU/SJ
Sample : K1012-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

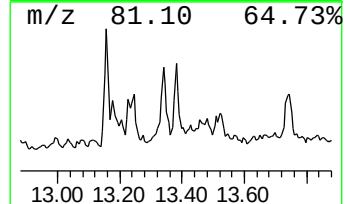
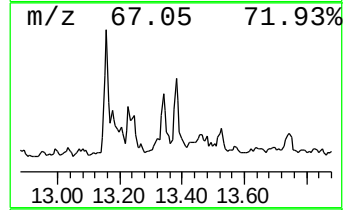
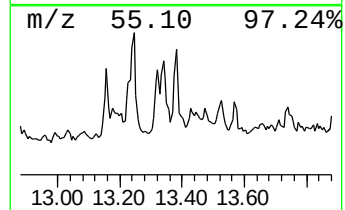
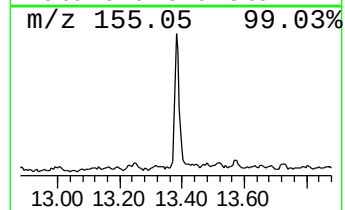
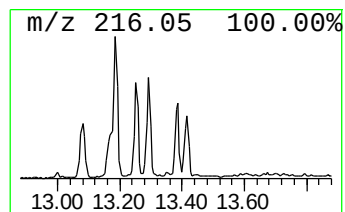
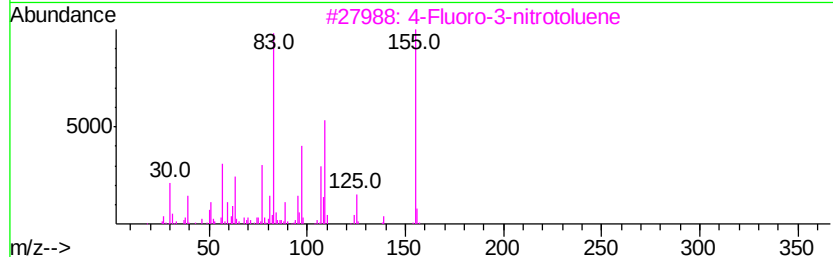
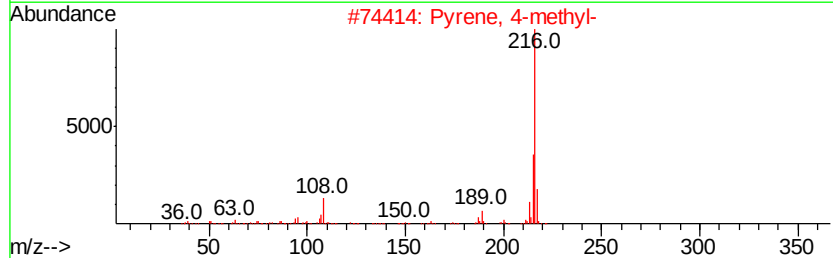
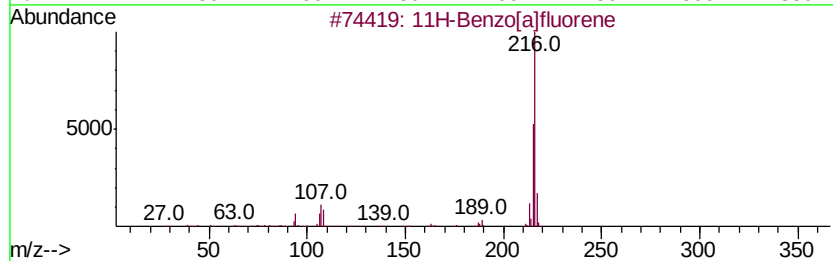
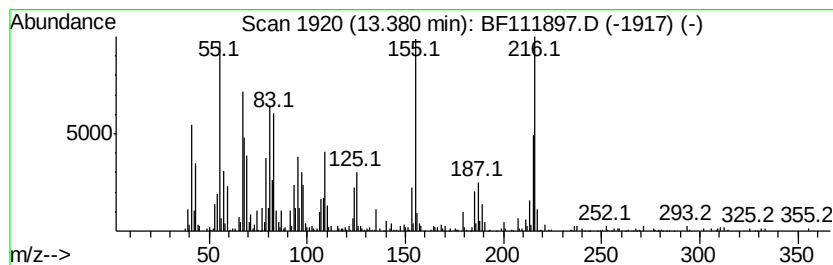
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 11H-Benzo[a]fluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.38	4.47 ng	308707	Chrysene-d12	14.06	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[alfluorene	216	C17H12	000238-84-6	60
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	30
3	4-Fluoro-3-nitrotoluene	155	C7H6FN02	000446-11-7	27
4	4-Hydroxy-6-methyl-1-pyridin-3-y...	216	C12H12N2O2	1000318-25-3	25
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
Data File : BF111897.D
Acq On : 8 Jan 2019 00:42
Operator : JU/SJ
Sample : K1012-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-02-010419-B

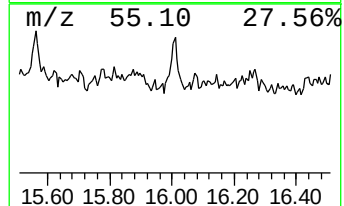
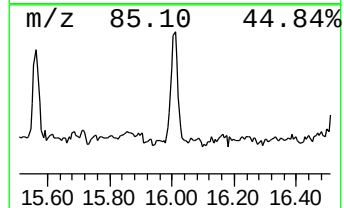
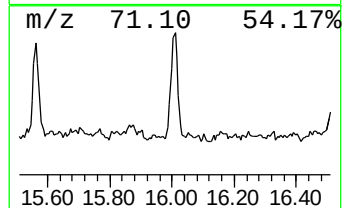
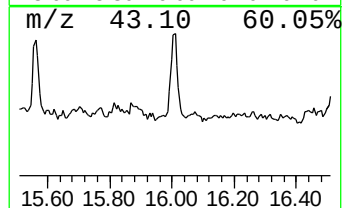
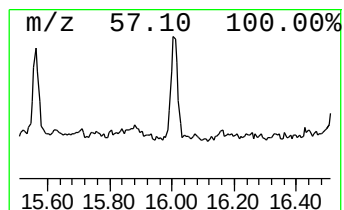
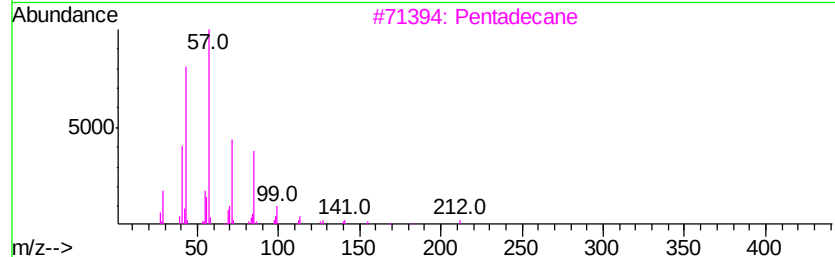
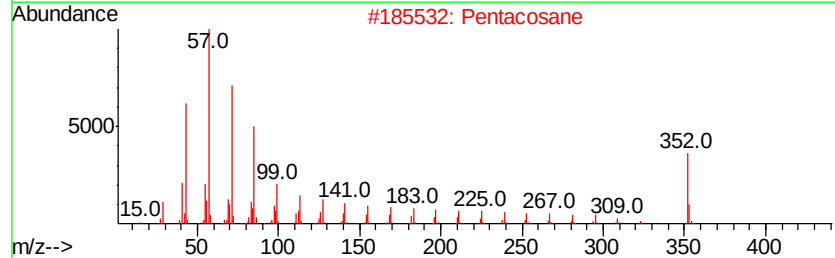
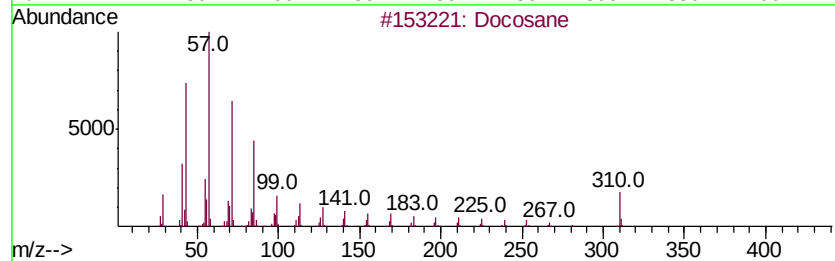
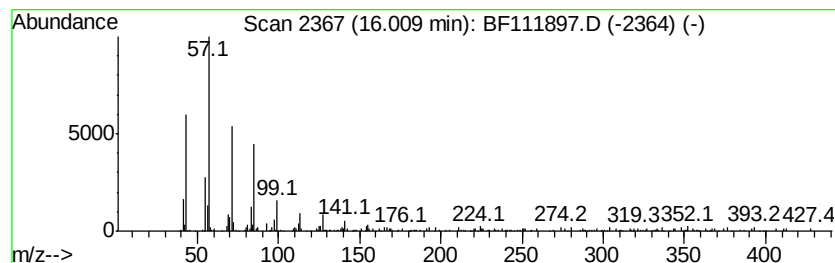
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Docosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.01	6.28 ng	193993	Perylene-d12	15.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane	310	C22H46	000629-97-0	87
2		Pentacosane	352	C25H52	000629-99-2	87
3		Pentadecane	212	C15H32	000629-62-9	87
4		Tricosane	324	C23H48	000638-67-5	87
5		Behenyl chloride	344	C22H45Cl	042217-03-8	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF010719\
 Data File : BF111897.D
 Acq On : 8 Jan 2019 00:42
 Operator : JU/SJ
 Sample : K1012-03 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-010419-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.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
unknown6.66	6.66	31.2	ng	1330280	1	6.89	853504	20.0
Tridecane	8.76	5.4	ng	256190	2	8.17	950305	20.0
Tetradecane	9.33	7.3	ng	290769	3	9.93	797527	20.0
Decane, 6-ethyl-2...	9.86	5.9	ng	235626	3	9.93	797527	20.0
Hexadecane	10.36	6.7	ng	267518	3	9.93	797527	20.0
Heptadecane	10.83	7.7	ng	334504	4	11.42	864953	20.0
Octadecane	11.28	4.8	ng	206723	4	11.42	864953	20.0
Tridecane, 2-methyl-	11.70	4.3	ng	188196	4	11.42	864953	20.0
Hexadecanoic acid...	11.80	83.8	ng	3621990	4	11.42	864953	20.0
n-Hexadecanoic acid	11.94	7.1	ng	308091	4	11.42	864953	20.0
Tridecane, 1-iodo-	12.11	4.7	ng	203818	4	11.42	864953	20.0
9,12-Octadecadien...	12.50	254.2	ng	10992000	4	11.42	864953	20.0
15-Octadecenoic a...	12.53	228.2	ng	9868390	4	11.42	864953	20.0
Methyl 5,11,14-ei...	13.16	5.2	ng	356326	5	14.06	1382400	20.0
Pyrene, 1-methyl-	13.19	6.3	ng	434099	5	14.06	1382400	20.0
9-Hexadecenoic ac...	13.24	8.1	ng	562284	5	14.06	1382400	20.0
11H-Benzo[a]fluorene	13.38	4.5	ng	308707	5	14.06	1382400	20.0
Docosane	16.01	6.3	ng	193993	6	15.54	617593	20.0