

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030419\
 Data File : BF112827.D
 Acq On : 4 Mar 2019 16:34
 Operator : JU/SJ
 Sample : K1688-19 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-030119-J

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-BF022719.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	5.351	550	555	567	rVB	2180635	2077538	27.16%	4.148%
2	6.375	725	729	737	rBV	2349501	2115143	27.65%	4.223%
3	6.510	748	752	756	rBV	2331396	2184276	28.55%	4.361%
4	6.745	788	792	796	rBV	1167554	916953	11.99%	1.831%
5	6.904	815	819	822	rBV	1888067	1642806	21.47%	3.280%
6	7.298	880	886	894	rBV	1264347	1338851	17.50%	2.673%
7	7.357	894	896	899	rVB	156367	117233	1.53%	0.234%
8	7.557	926	930	934	rVB3	63949	79590	1.04%	0.159%
9	7.769	961	966	968	rBV3	69408	102524	1.34%	0.205%
10	7.792	968	970	974	rVB2	71947	76994	1.01%	0.154%
11	8.028	1006	1010	1016	rBV	1469194	1349623	17.64%	2.694%
12	8.328	1056	1061	1064	rBV5	84127	117100	1.53%	0.234%
13	8.416	1073	1076	1079	rBV2	106543	104654	1.37%	0.209%
14	8.463	1081	1084	1088	rVV2	114972	106149	1.39%	0.212%
15	8.534	1093	1096	1100	rBV2	127757	131916	1.72%	0.263%
16	8.634	1109	1113	1116	rBV	448183	391067	5.11%	0.781%
17	8.728	1126	1129	1136	rVB5	75743	107315	1.40%	0.214%
18	8.992	1172	1174	1178	rVB	96109	81810	1.07%	0.163%
19	9.034	1178	1181	1184	rBV3	71715	83635	1.09%	0.167%
20	9.063	1184	1186	1189	rVB2	133894	105878	1.38%	0.211%
21	9.098	1189	1192	1198	rBV	2250045	2069637	27.05%	4.132%
22	9.192	1205	1208	1212	rBV	464720	406459	5.31%	0.811%
23	9.357	1232	1236	1238	rBV5	55203	78602	1.03%	0.157%
24	9.457	1249	1253	1257	rVB6	43741	82464	1.08%	0.165%
25	9.492	1257	1259	1261	rBV	128381	138911	1.82%	0.277%
26	9.722	1295	1298	1302	rVB	483672	363614	4.75%	0.726%
27	9.775	1302	1307	1315	rBV	1207986	1147469	15.00%	2.291%
28	9.951	1334	1337	1340	rBV2	66218	102473	1.34%	0.205%
29	10.045	1350	1353	1357	rVB3	100731	106942	1.40%	0.214%
30	10.222	1380	1383	1386	rVB	456637	342858	4.48%	0.684%
31	10.439	1416	1420	1423	rBV	142923	147255	1.92%	0.294%
32	10.557	1437	1440	1445	rBV	1460559	1354766	17.71%	2.705%
33	10.692	1460	1463	1470	rBV	436254	470587	6.15%	0.940%
34	11.139	1535	1539	1542	rBV	361931	309667	4.05%	0.618%

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35	11.169	1542	1544	1550	rVB	126973	124781	1.63%	0.249%
36	11.257	1555	1559	1561	rVV	1144301	1069180	13.98%	2.135%
37	11.275	1561	1562	1566	rVB	111293	82013	1.07%	0.164%
38	11.563	1608	1611	1613	rBV	335587	270010	3.53%	0.539%
39	11.580	1613	1614	1617	rVB	108985	85232	1.11%	0.170%
40	11.663	1624	1628	1631	rBV	2877330	2379906	31.11%	4.751%
41	11.792	1646	1650	1653	rBV2	294957	289106	3.78%	0.577%
42	11.863	1659	1662	1672	rVB5	69717	143664	1.88%	0.287%
43	11.969	1675	1680	1688	rVB	296154	305766	4.00%	0.610%
44	12.345	1740	1744	1746	rBV	5558576	5856763	76.56%	11.693%
45	12.375	1746	1749	1754	rVV	6731724	7650169	100.00%	15.273%
46	12.416	1754	1756	1759	rVV2	122231	120982	1.58%	0.242%
47	12.451	1759	1762	1765	rVV2	1305381	1197638	15.66%	2.391%
48	12.480	1765	1767	1768	rVV	315352	277391	3.63%	0.554%
49	12.498	1768	1770	1779	rVV	659691	885330	11.57%	1.768%
50	12.575	1781	1783	1788	rVB2	175938	184859	2.42%	0.369%
51	12.686	1798	1802	1806	rVB2	386284	394881	5.16%	0.788%
52	12.727	1806	1809	1812	rBV	204605	178249	2.33%	0.356%
53	12.839	1824	1828	1831	rBV	2298415	2099675	27.45%	4.192%
54	13.004	1853	1856	1858	rBV	207877	208252	2.72%	0.416%
55	13.027	1858	1860	1866	rVV2	149367	218783	2.86%	0.437%
56	13.080	1866	1869	1874	rVB2	270725	428803	5.61%	0.856%
57	13.174	1882	1885	1888	rBV	236867	220193	2.88%	0.440%
58	13.327	1908	1911	1915	rVB4	120489	134915	1.76%	0.269%
59	13.422	1924	1927	1932	rBV	210223	194357	2.54%	0.388%
60	13.751	1980	1983	1986	rVB	182660	180651	2.36%	0.361%
61	13.839	1995	1998	2001	rBV	177619	162669	2.13%	0.325%
62	13.880	2001	2005	2008	rBV	1331923	1261275	16.49%	2.518%
63	14.063	2034	2036	2040	rVB	229057	204557	2.67%	0.408%
64	14.351	2082	2085	2086	rBV2	151282	166175	2.17%	0.332%
65	14.369	2086	2088	2091	rVB	276837	235652	3.08%	0.470%
66	14.668	2136	2139	2145	rVB	340016	403554	5.28%	0.806%
67	14.768	2153	2156	2160	rBV	244056	312860	4.09%	0.625%
68	14.986	2190	2193	2200	rVB	331737	389657	5.09%	0.778%
69	15.298	2242	2246	2250	rVV	676176	779143	10.18%	1.556%
70	15.345	2251	2254	2261	rVB	287967	376404	4.92%	0.751%
71	15.757	2321	2324	2328	rVB	207264	262741	3.43%	0.525%

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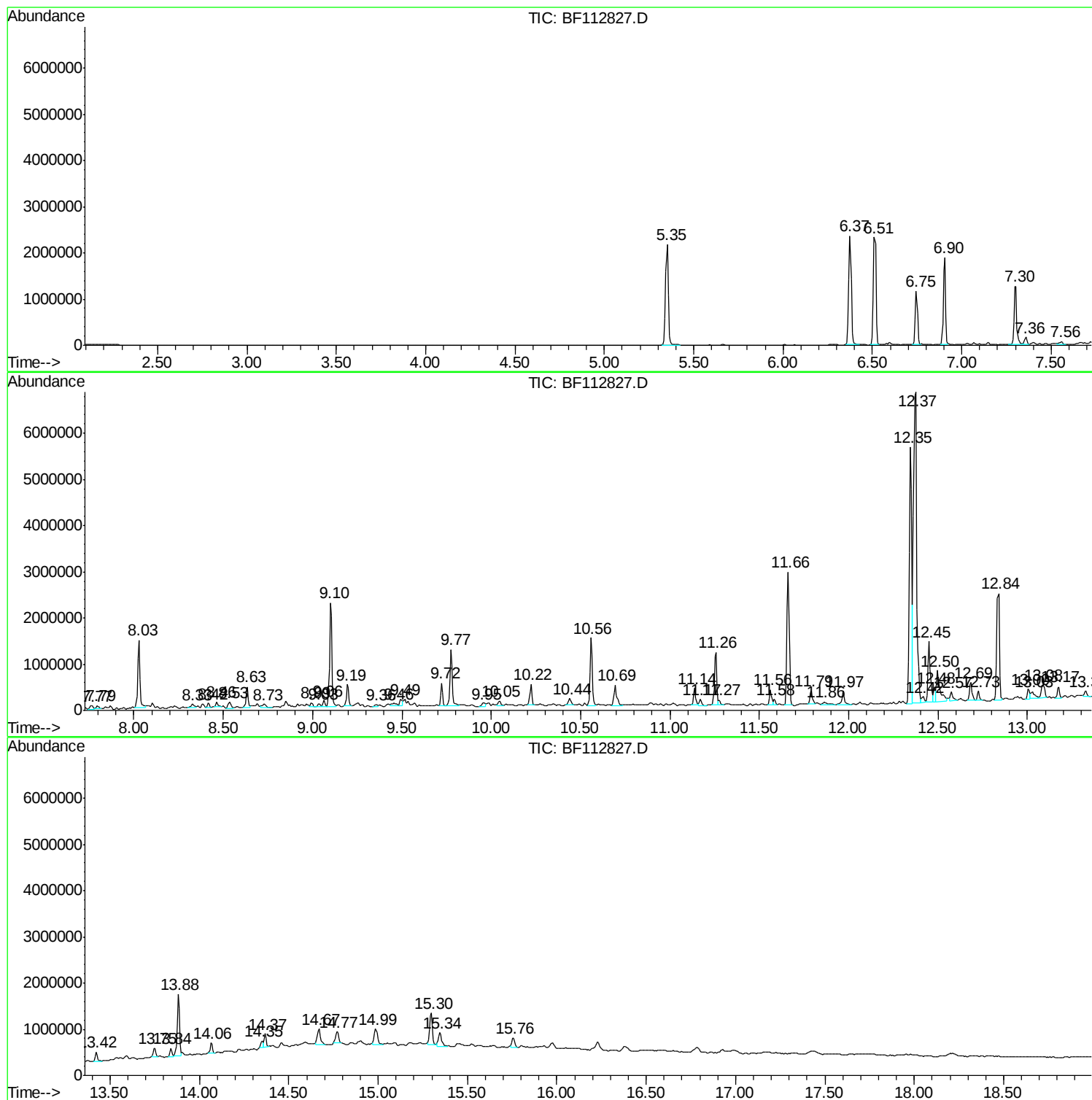
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Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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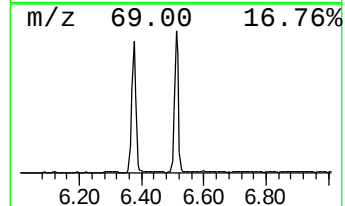
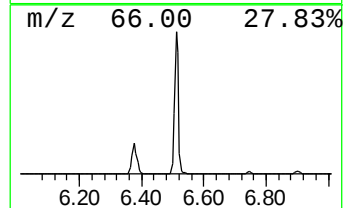
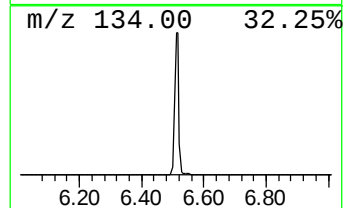
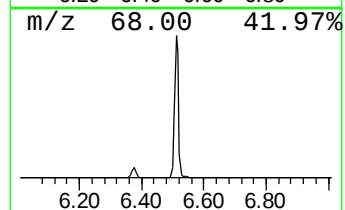
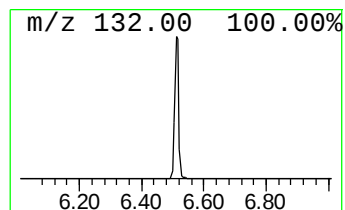
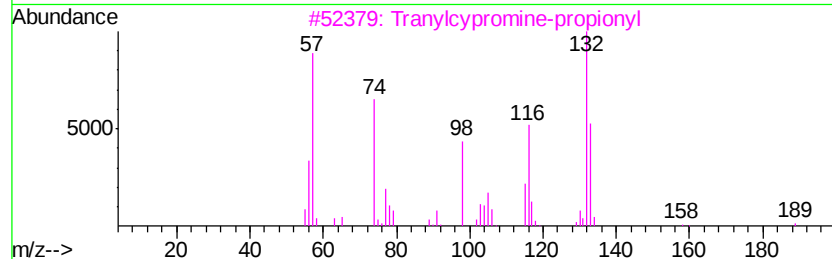
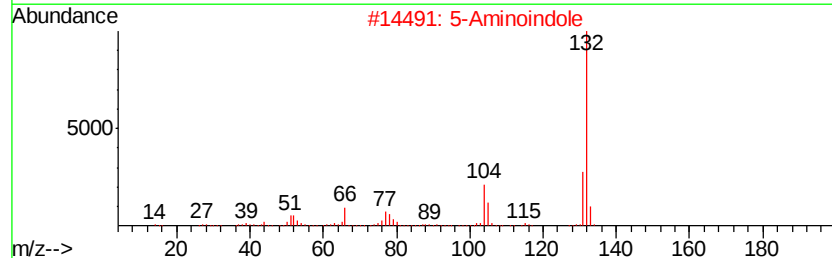
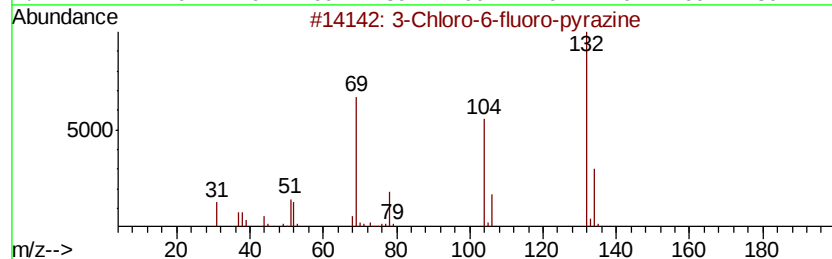
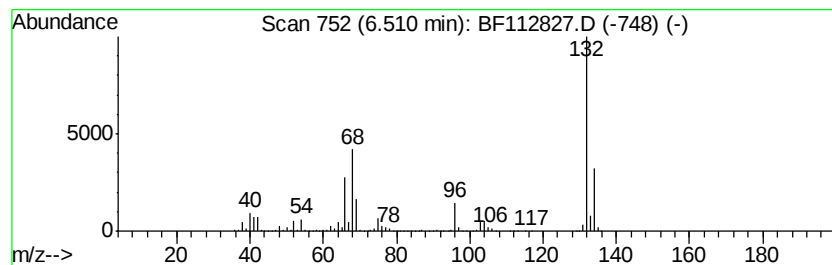
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.51 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	47.64 ng	2184280	1,4-Dichlorobenzene-d4	6.75

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



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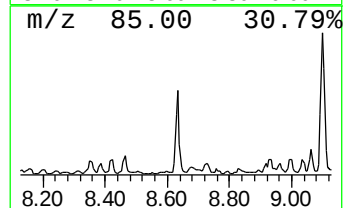
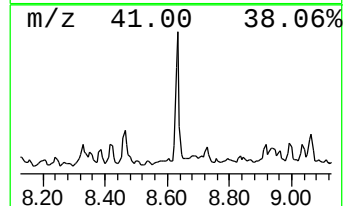
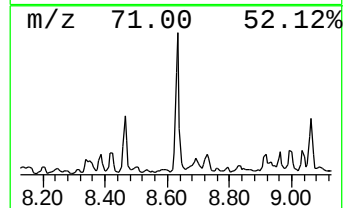
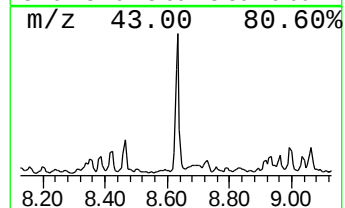
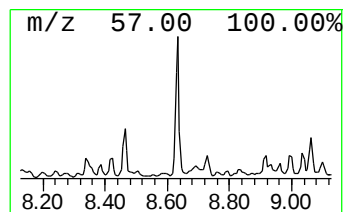
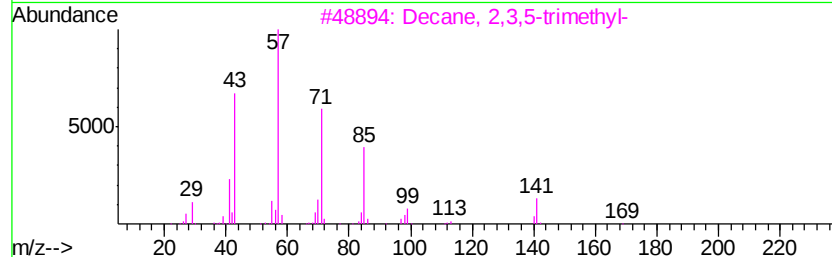
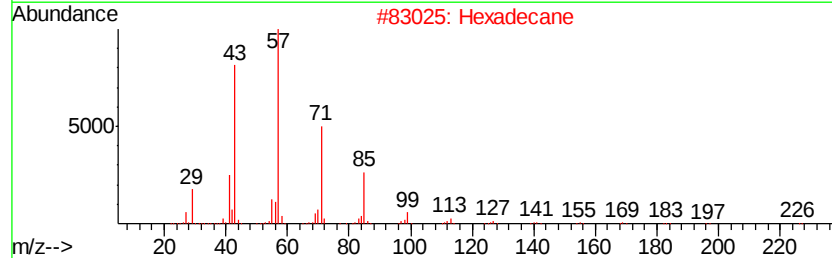
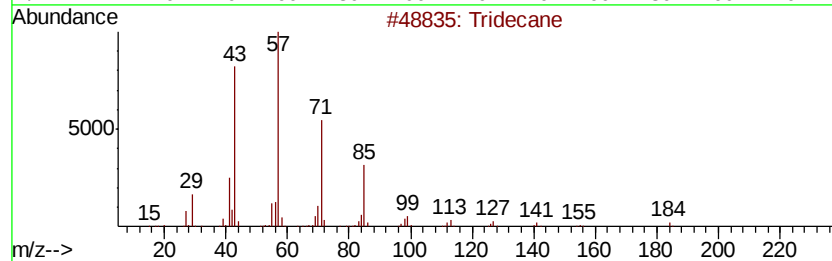
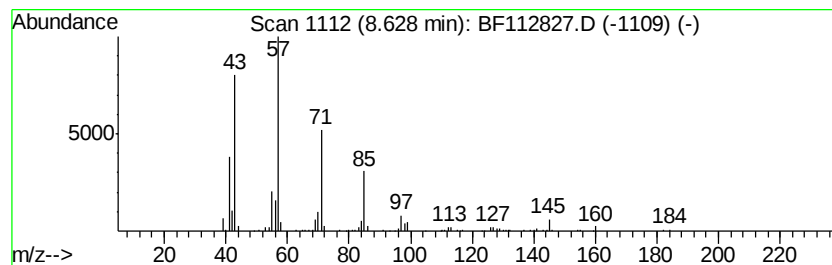
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.	
8.63	5.80 ng	391067	Napthalene-d8	8.03	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	94
2	Hexadecane	226	C16H34	000544-76-3	87
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
4	Tetradecane	198	C14H30	000629-59-4	86
5	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	78



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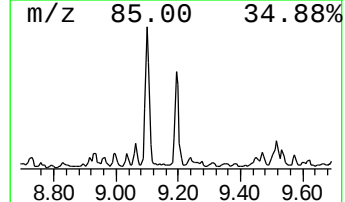
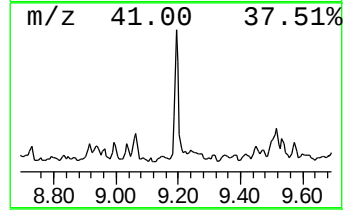
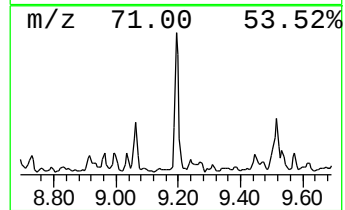
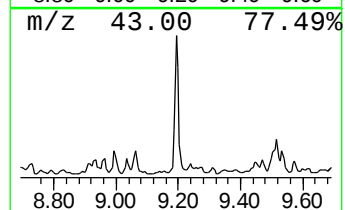
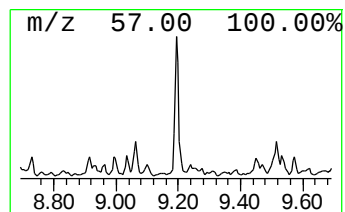
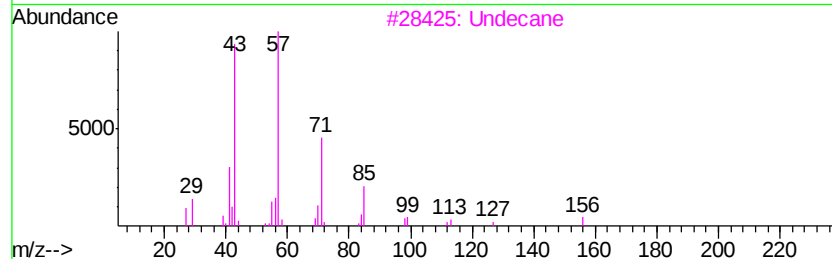
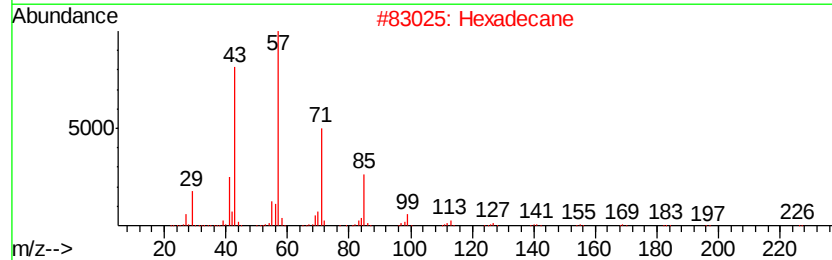
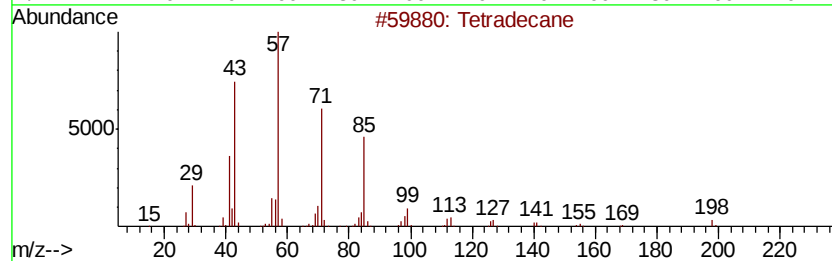
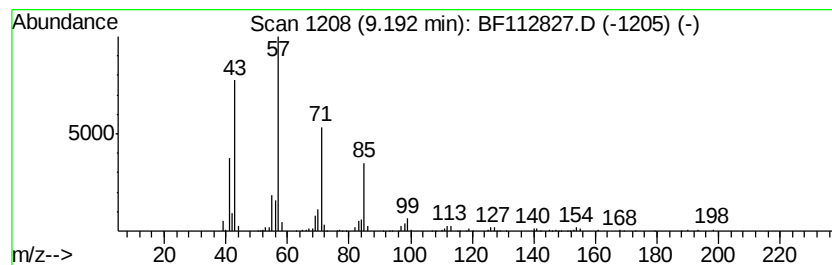
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TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 4 Tetradecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.19	7.08 ng	406459	Acenaphthene-d10	9.77

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			Undecane	156	C11H24	001120-21-4	86
4			Tridecane	184	C13H28	000629-50-5	78
5			Decane, 3-bromo-	220	C10H21Br	030571-71-2	72



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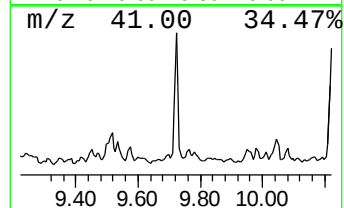
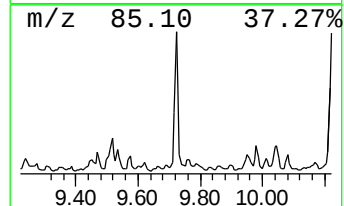
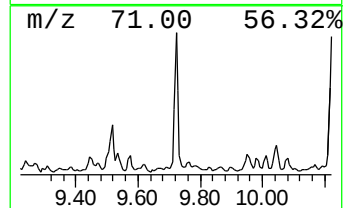
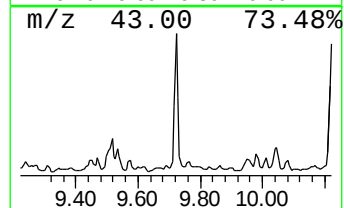
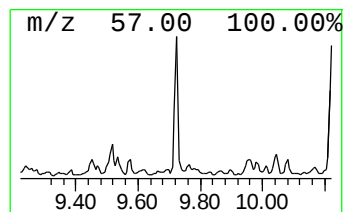
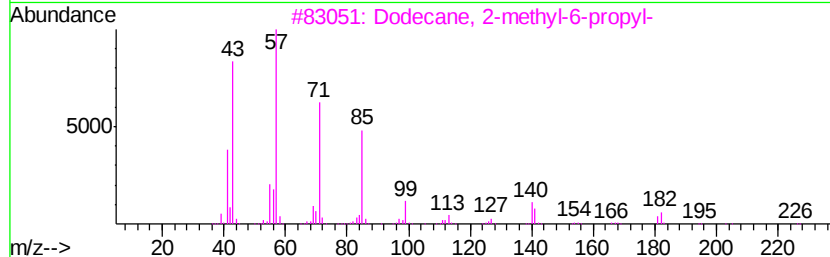
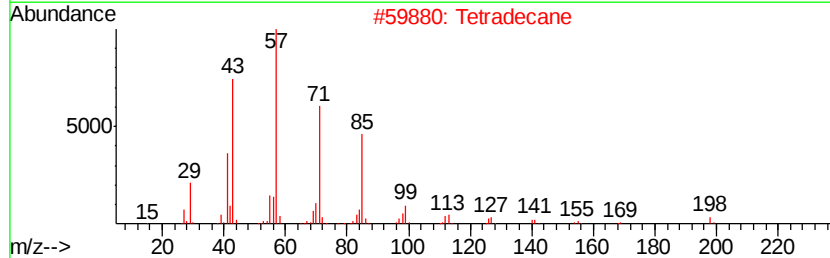
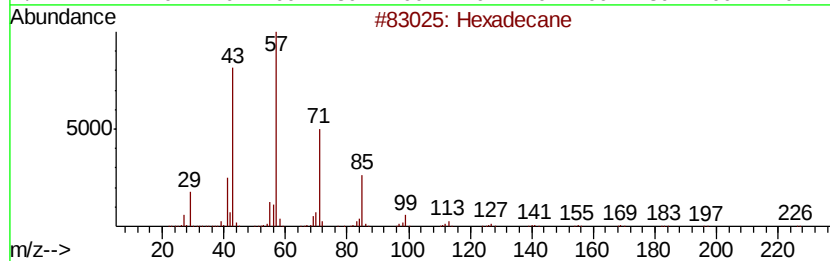
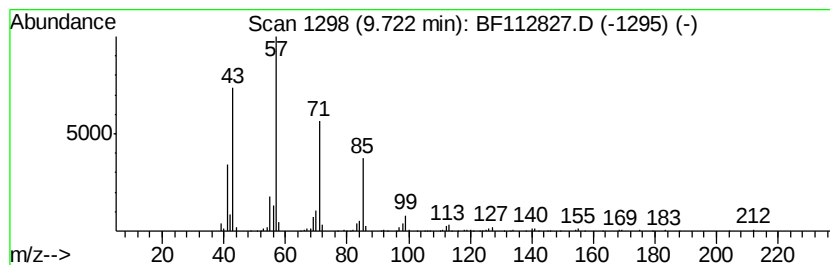
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Hexadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.72	6.34 ng	363614	Acenaphthene-d10	9.77

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	90
2	Tetradecane		198	C14H30	000629-59-4	90
3	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	86
4	Tridecane, 7-propyl-		226	C16H34	055045-09-5	72
5	Decane, 3-bromo-		220	C10H21Br	030571-71-2	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112827.D
Acq On : 4 Mar 2019 16:34
Operator : JU/SJ
Sample : K1688-19 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-03-030119-J

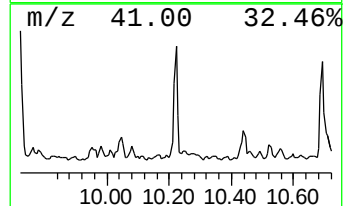
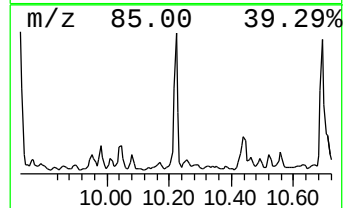
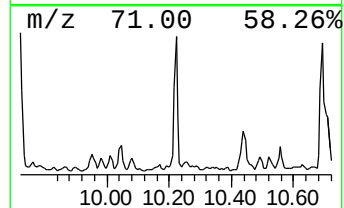
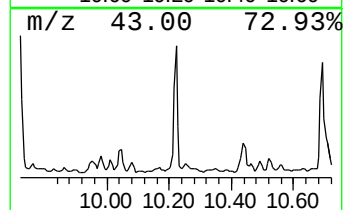
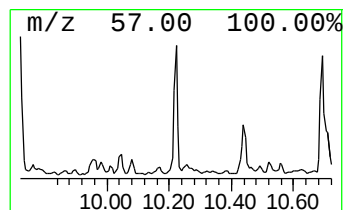
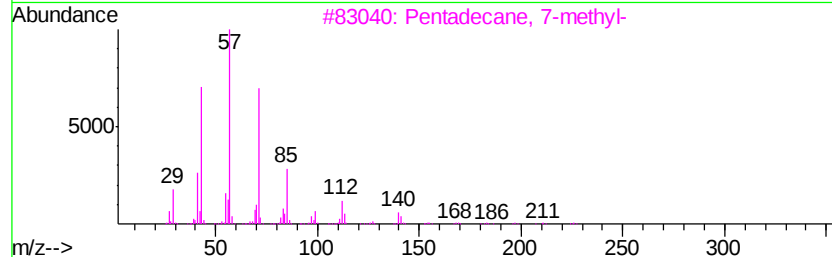
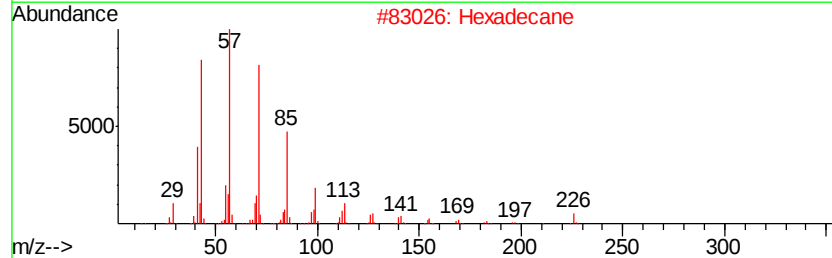
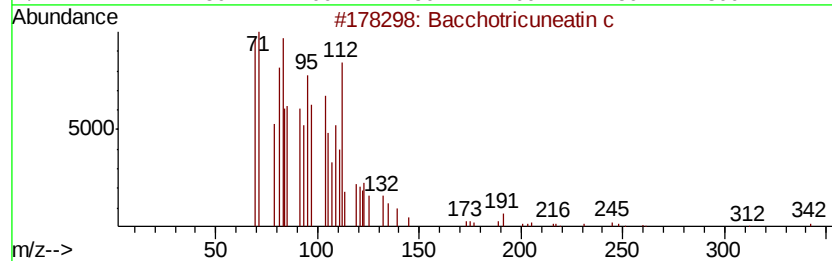
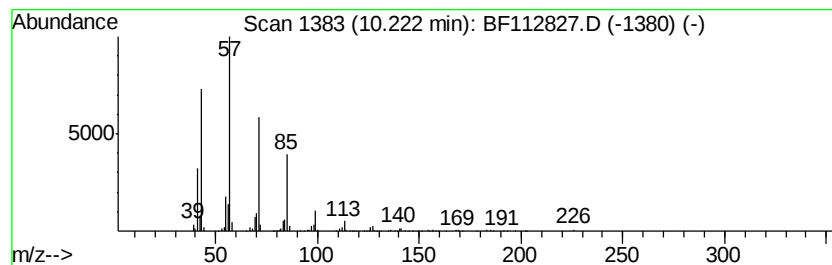
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Bacchotricuneatin c Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.22	5.98 ng	342858	Acenaphthene-d10	9.77

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Bacchotricuneatin c	342	C20H22O5	066563-30-2	99
2		Hexadecane	226	C16H34	000544-76-3	89
3		Pentadecane, 7-methyl-	226	C16H34	006165-40-8	87
4		Heptacosane	380	C27H56	000593-49-7	86
5		Tridecane	184	C13H28	000629-50-5	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
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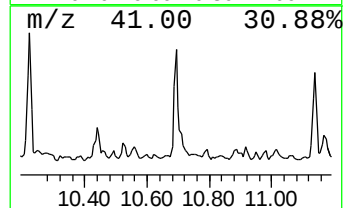
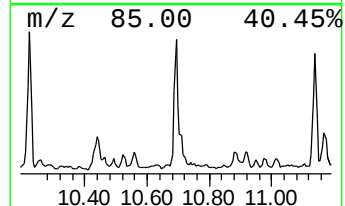
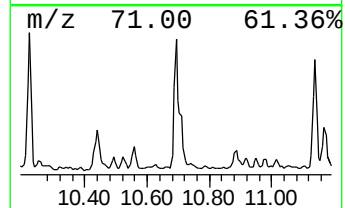
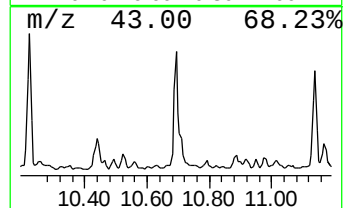
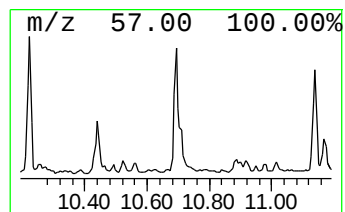
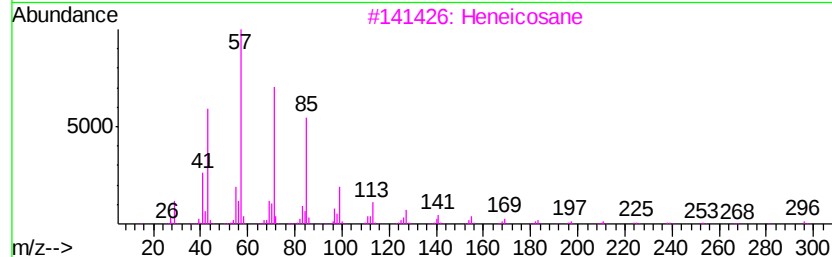
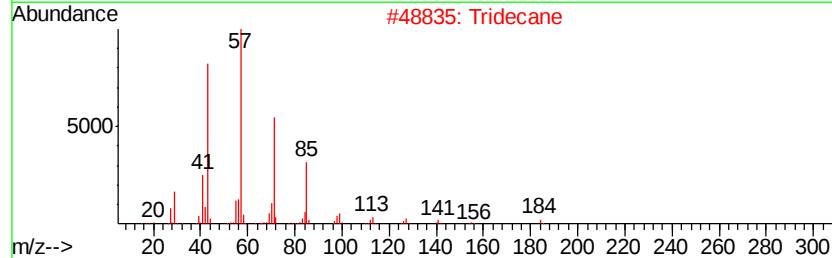
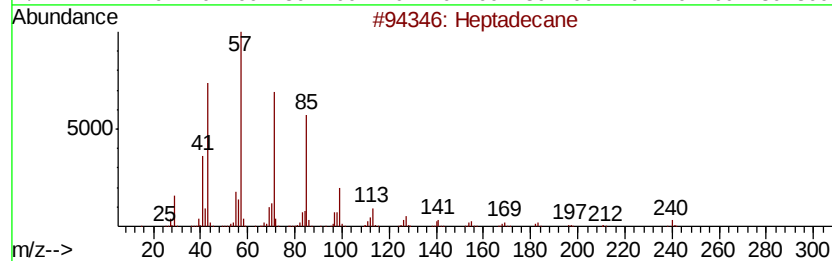
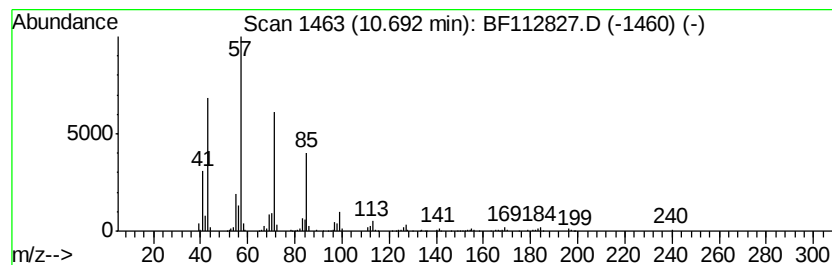
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heptadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.69	8.80 ng	470587	Phenanthrene-d10	11.26

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	97
2	Tridecane		184	C13H28	000629-50-5	94
3	Heneicosane		296	C21H44	000629-94-7	90
4	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	86
5	Tetradecane		198	C14H30	000629-59-4	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112827.D
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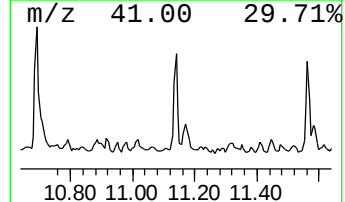
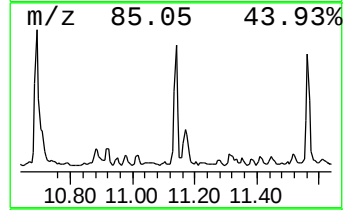
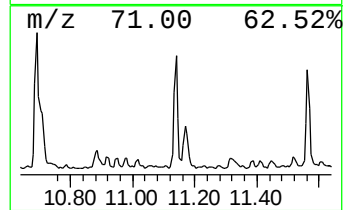
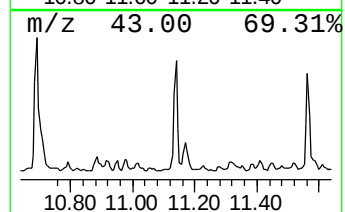
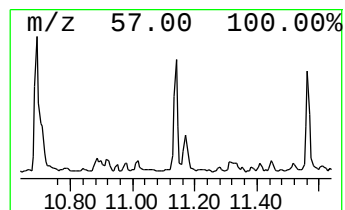
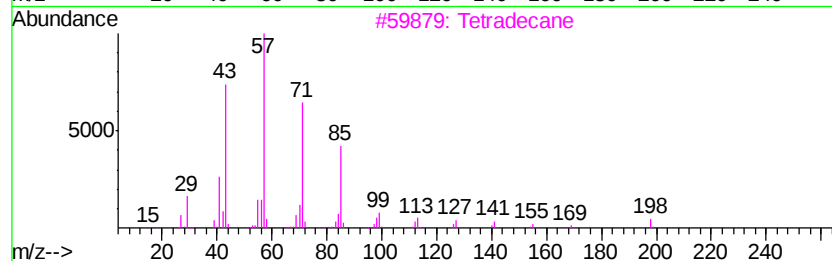
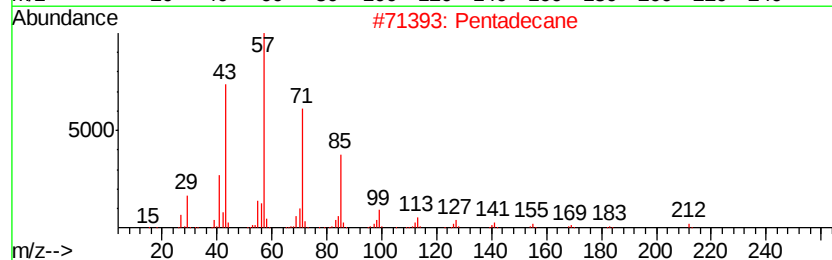
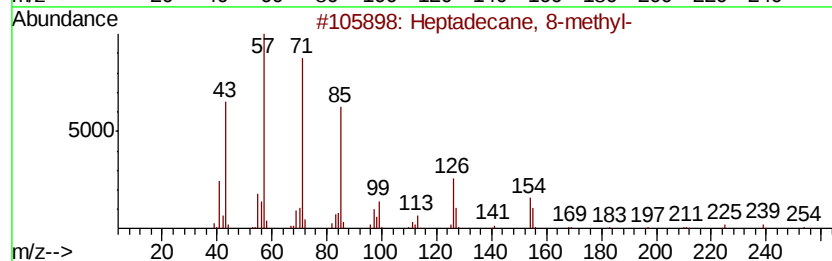
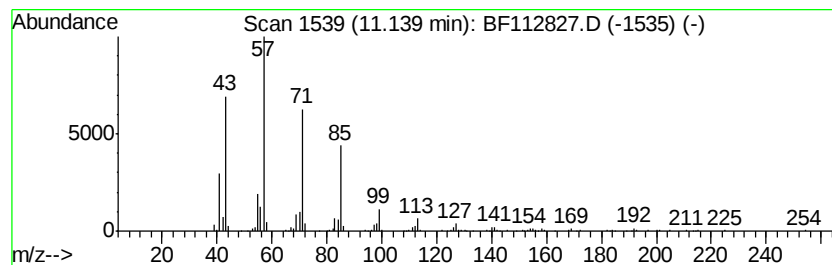
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heptadecane, 8-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.14	5.79 ng	309667	Phenanthrene-d10		11.26
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	91
2	Pentadecane	212	C15H32	000629-62-9	90
3	Tetradecane	198	C14H30	000629-59-4	90
4	Hexadecane	226	C16H34	000544-76-3	90
5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
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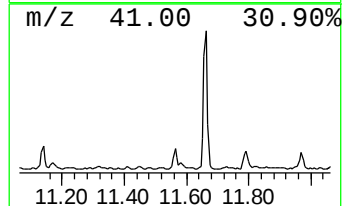
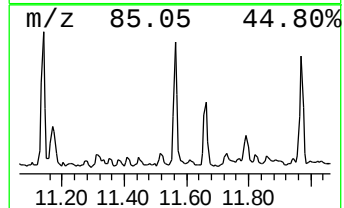
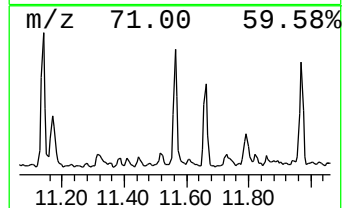
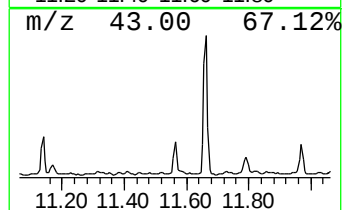
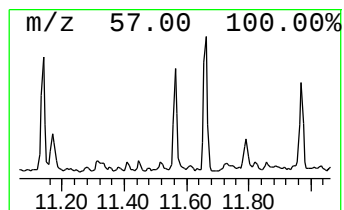
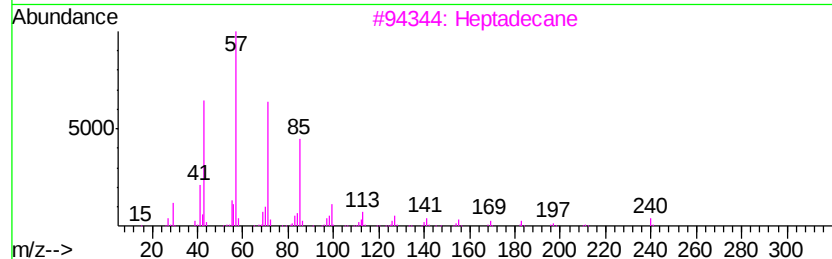
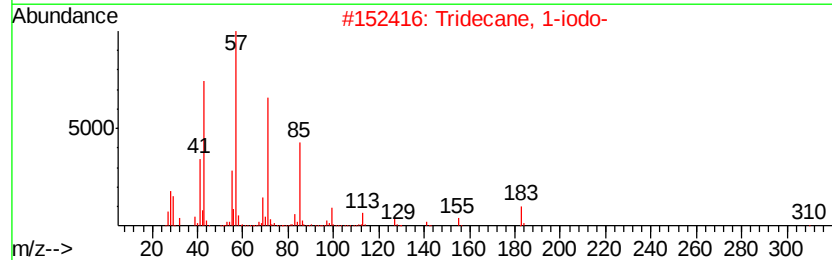
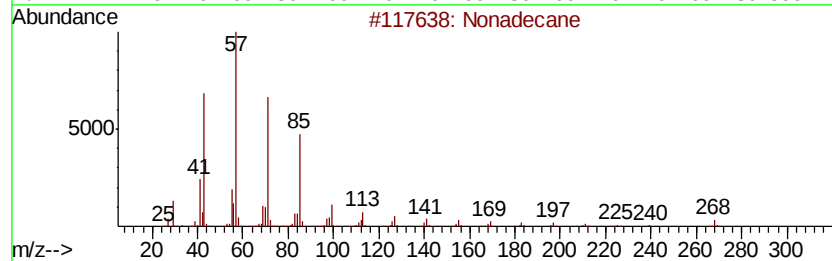
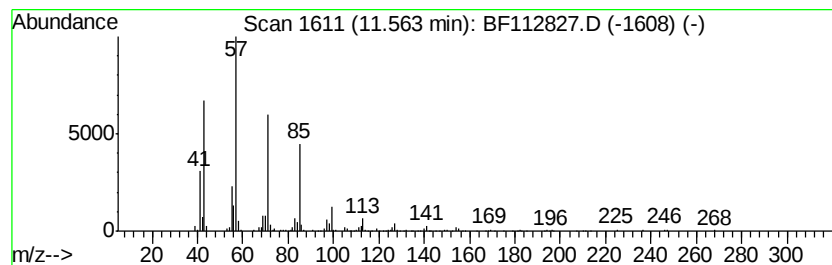
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Nonadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.56	5.05 ng	270010	Phenanthrene-d10	11.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	94
2		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
3		Heptadecane	240	C17H36	000629-78-7	90
4		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
5		Hexadecane	226	C16H34	000544-76-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
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Acq On : 4 Mar 2019 16:34
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Misc :
ALS Vial : 13 Sample Multiplier: 1

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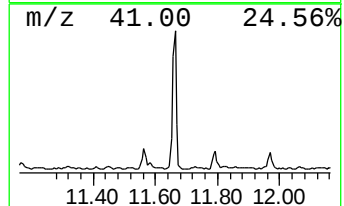
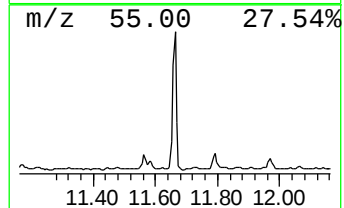
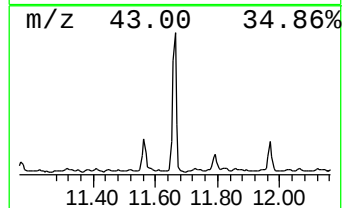
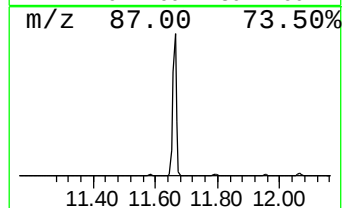
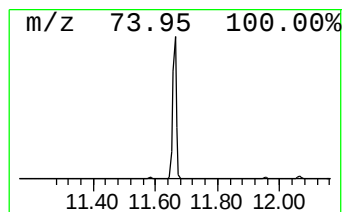
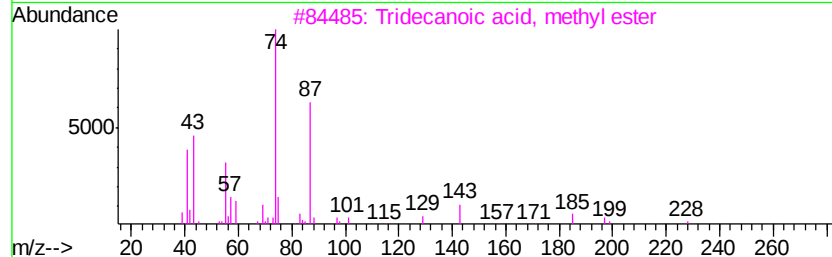
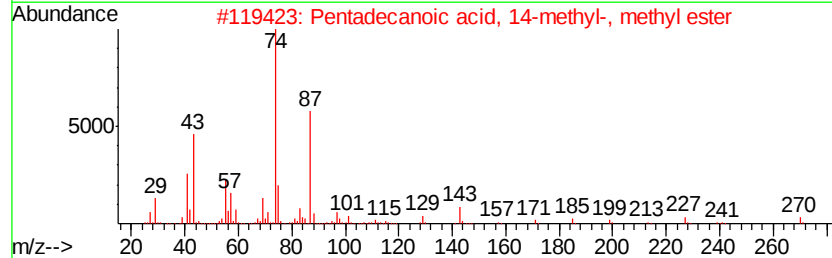
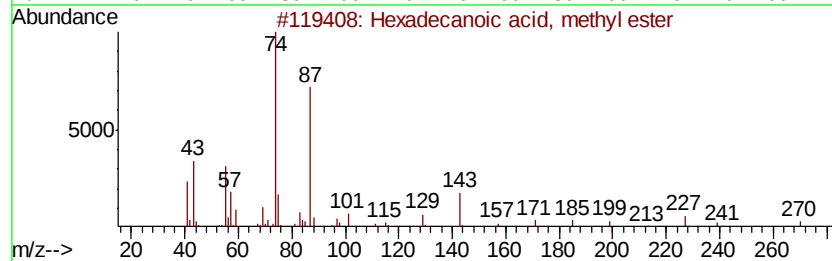
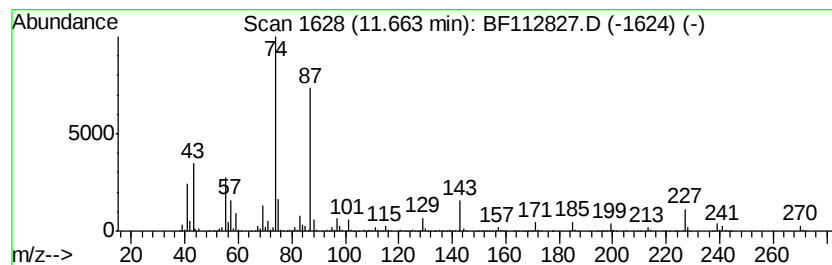
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hexadecanoic acid, methyl e... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	44.52 ng	2379910	Phenanthrene-d10	11.26

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	93
3		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
4		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5		Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	86



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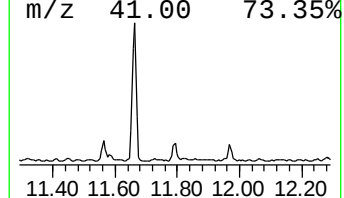
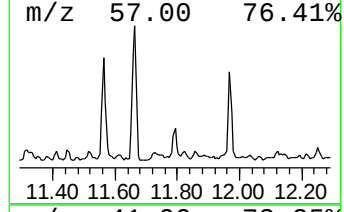
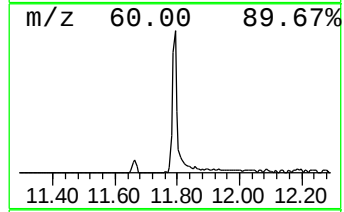
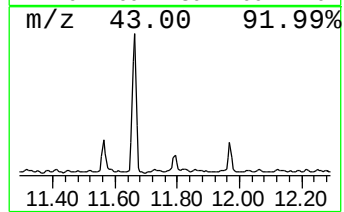
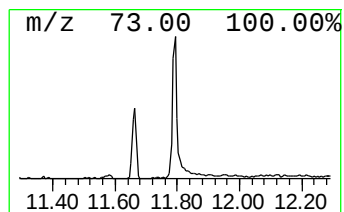
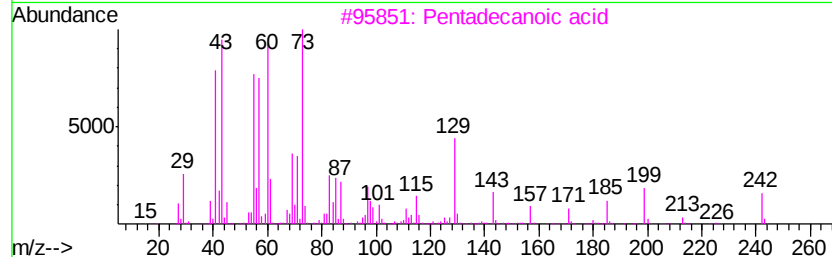
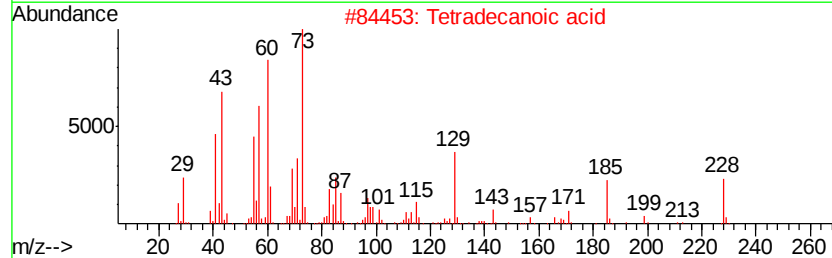
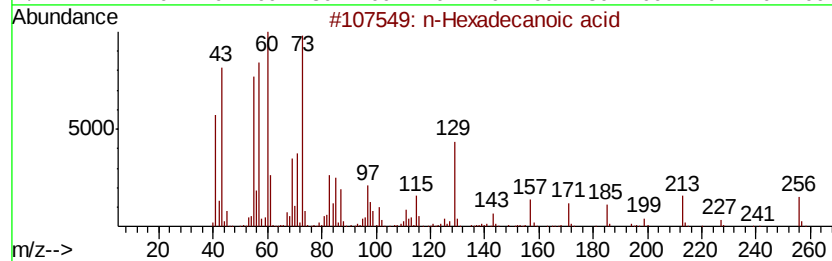
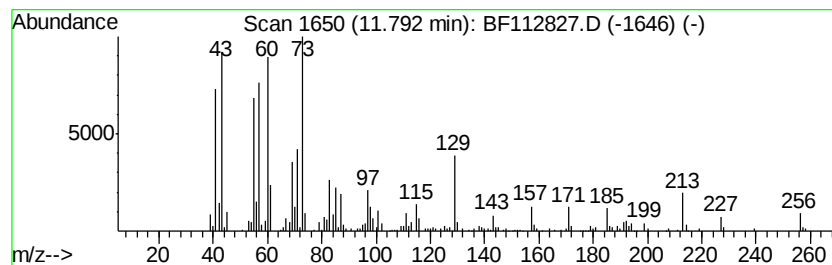
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 n-Hexadecanoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	5.41 ng	289106	Phenanthrene-d10	11.26

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4		n-Decanoic acid	172	C10H20O2	000334-48-5	70
5		Tridecanoic acid	214	C13H26O2	000638-53-9	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112827.D
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Sample : K1688-19 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
JC-03-030119-J

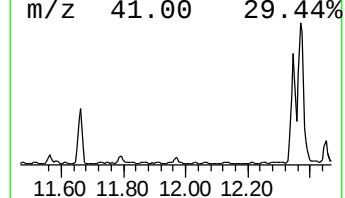
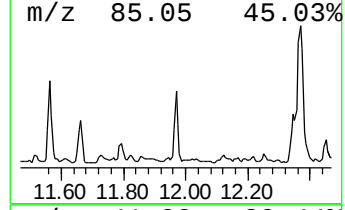
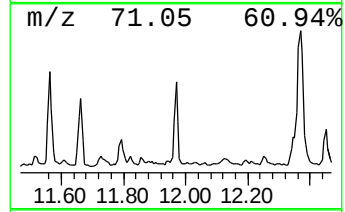
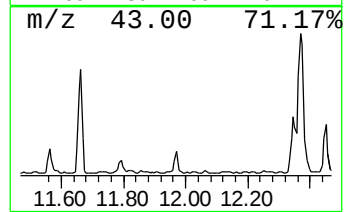
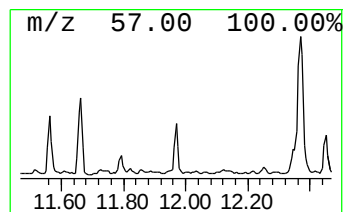
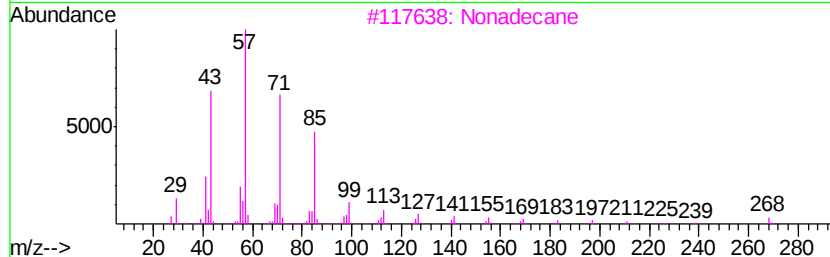
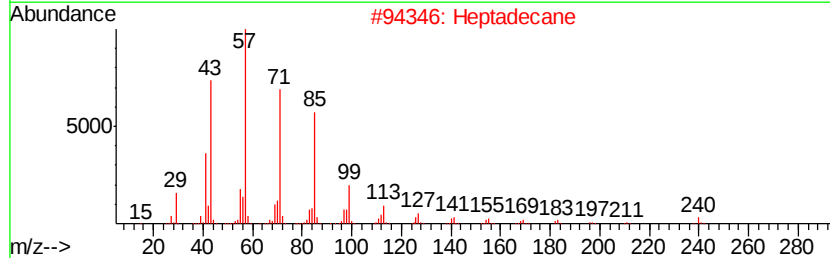
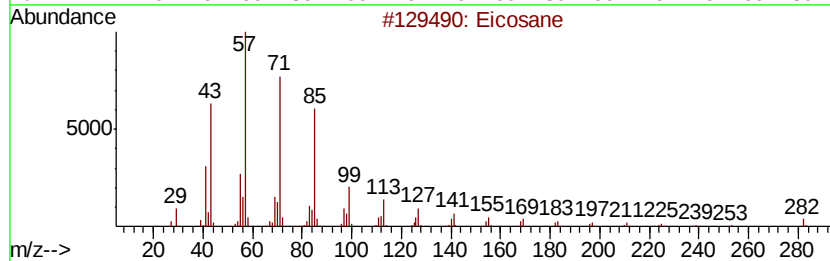
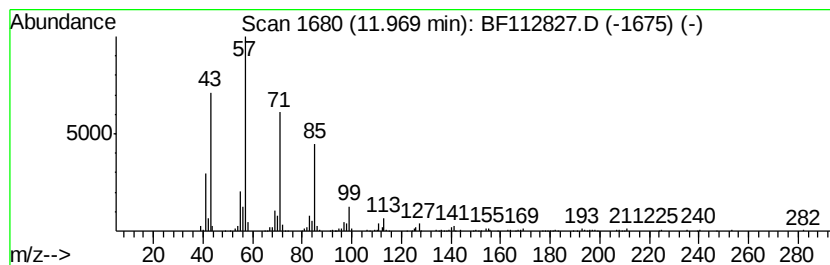
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Eicosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	5.72 ng	305766	Phenanthrene-d10	11.26

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	97
2			Heptadecane	240	C17H36	000629-78-7	97
3			Nonadecane	268	C19H40	000629-92-5	91
4			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	87
5			Tetradecane	198	C14H30	000629-59-4	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112827.D
Acq On : 4 Mar 2019 16:34
Operator : JU/SJ
Sample : K1688-19 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-03-030119-J

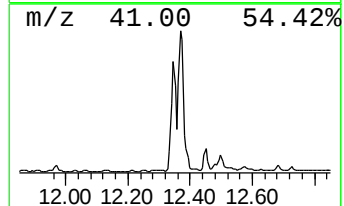
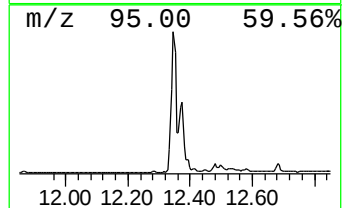
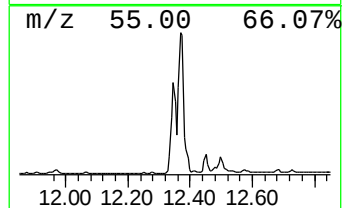
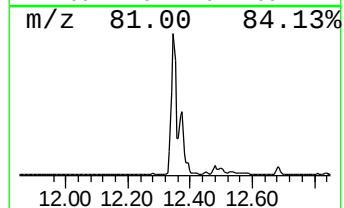
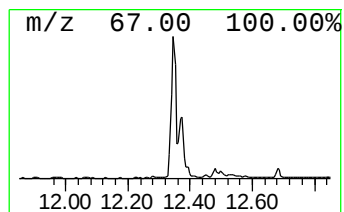
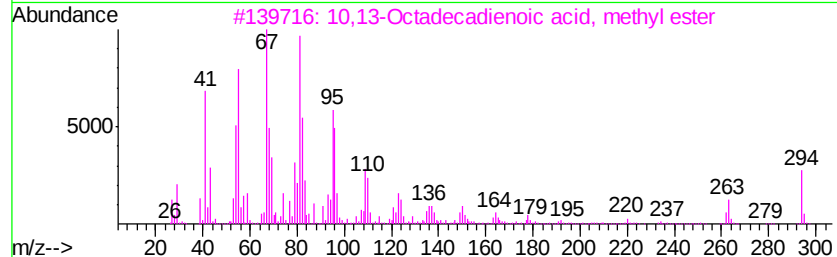
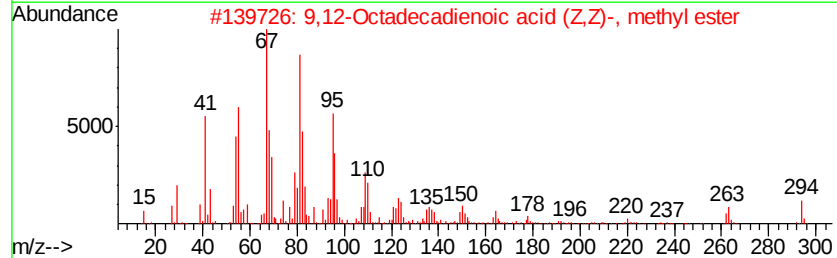
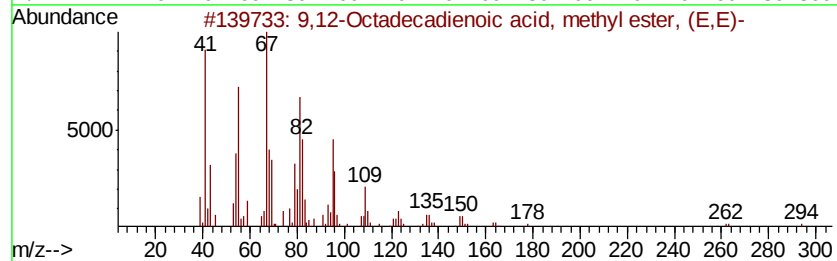
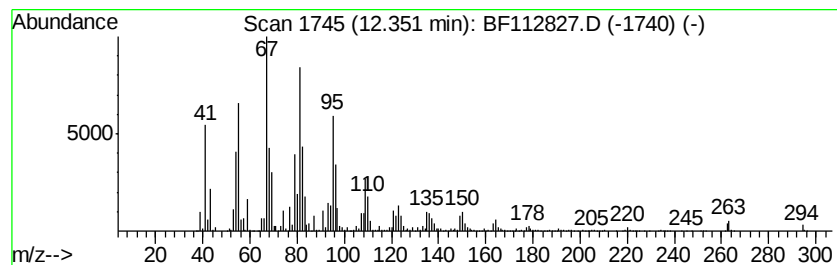
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	109.56 ng	5856760	Phenanthrene-d10	11.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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		Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112827.D
Acq On : 4 Mar 2019 16:34
Operator : JU/SJ
Sample : K1688-19 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

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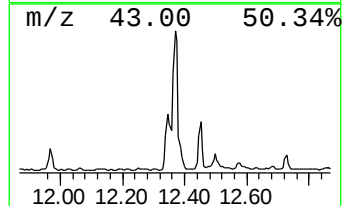
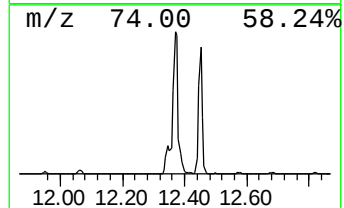
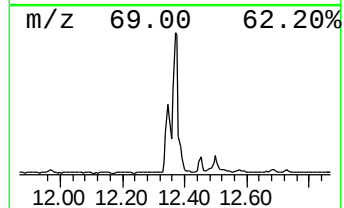
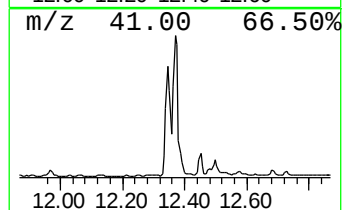
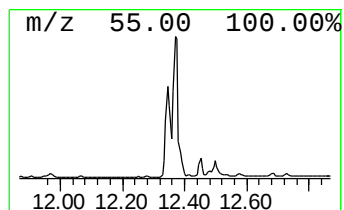
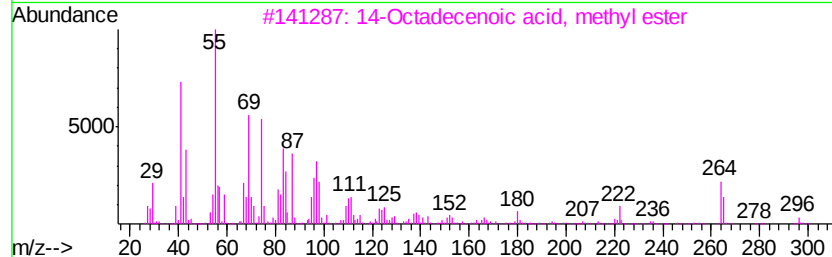
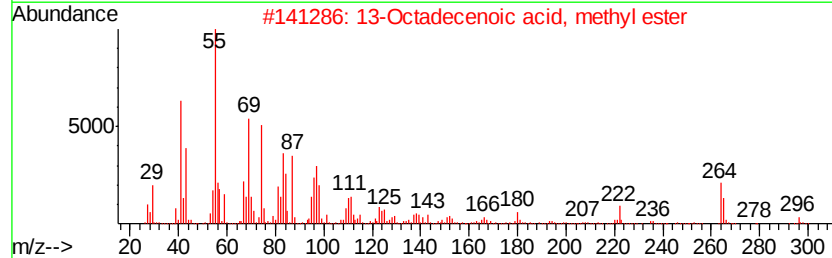
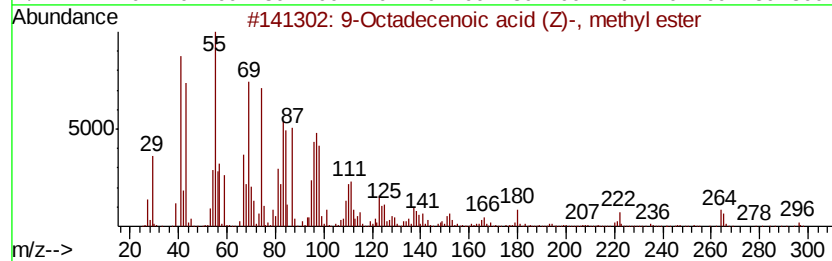
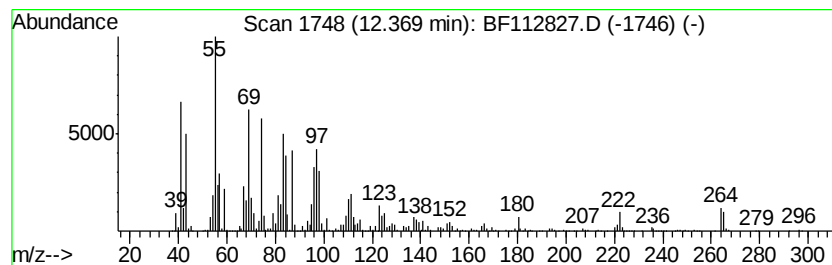
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 9-Octadecenoic acid (Z)-, m... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	143.10 ng	7650170	Phenanthrene-d10	11.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2		13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
3		14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
4		15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99
5		12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112827.D
Acq On : 4 Mar 2019 16:34
Operator : JU/SJ
Sample : K1688-19 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
JC-03-030119-J

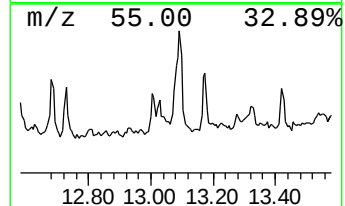
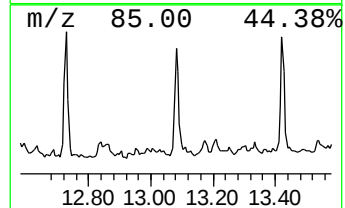
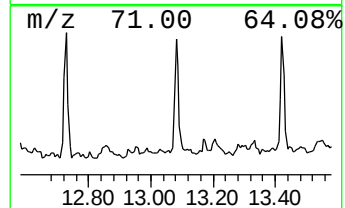
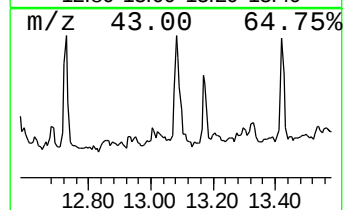
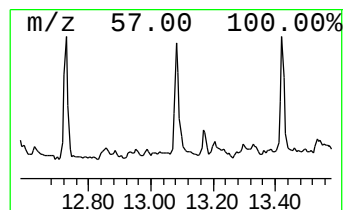
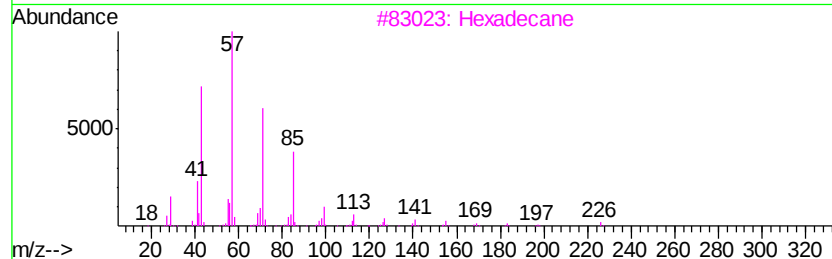
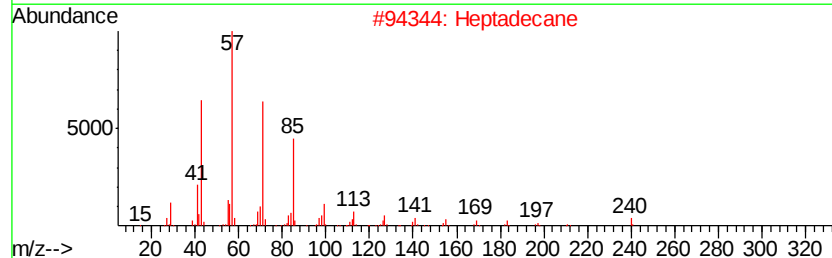
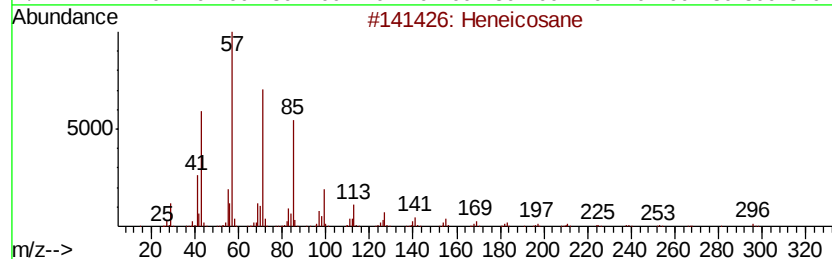
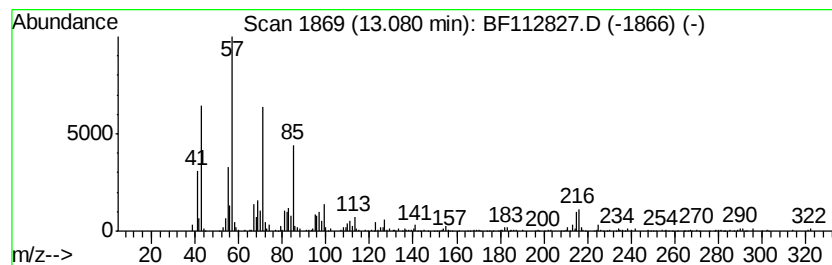
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Heneicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.08	6.80 ng	428803	Chrysene-d12	13.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	98
2		Heptadecane	240	C17H36	000629-78-7	95
3		Hexadecane	226	C16H34	000544-76-3	93
4		Eicosane	282	C20H42	000112-95-8	90
5		Tridecane, 7-hexyl-	268	C19H40	007225-66-3	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112827.D
Acq On : 4 Mar 2019 16:34
Operator : JU/SJ
Sample : K1688-19 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
JC-03-030119-J

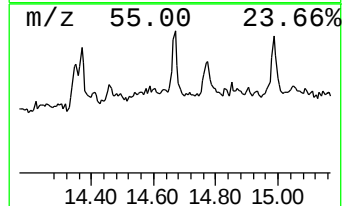
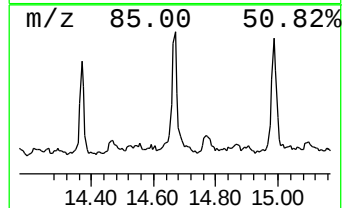
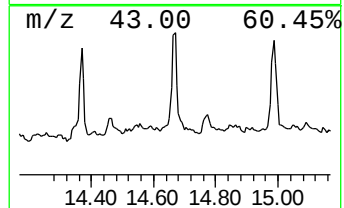
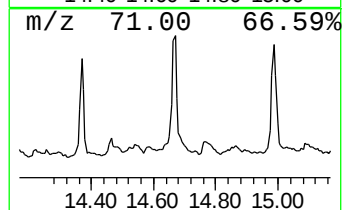
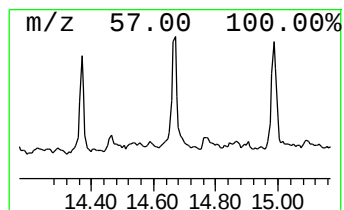
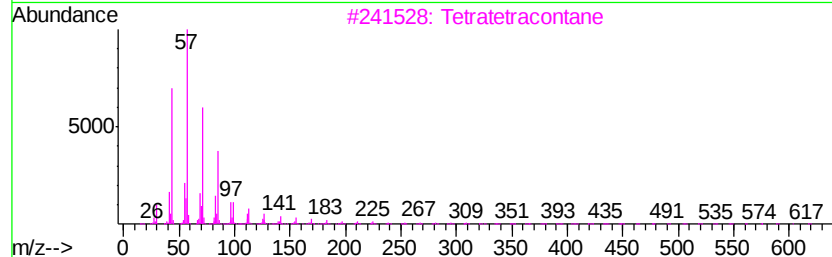
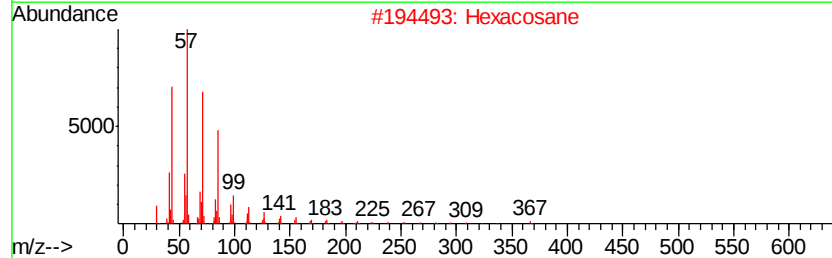
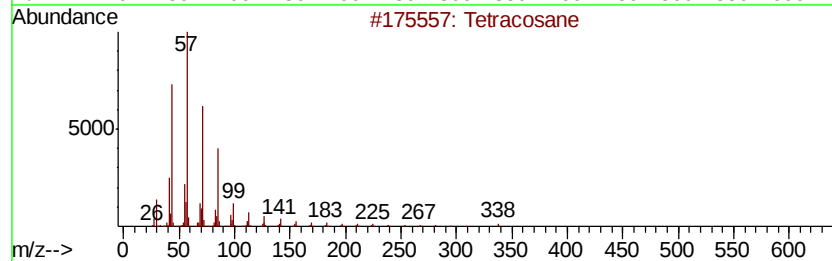
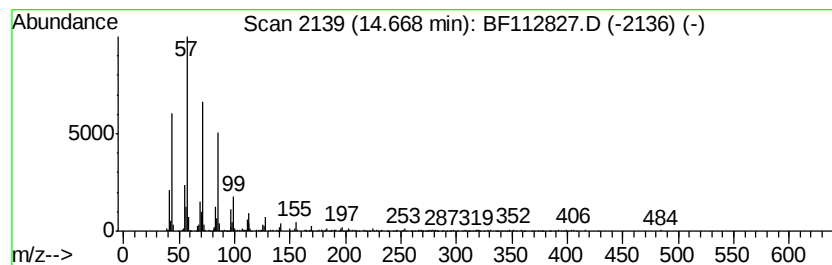
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Tetracosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	10.36 ng	403554	Perylene-d12	15.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	94
2		Hexacosane	366	C26H54	000630-01-3	90
3		Tetratetracontane	619	C44H90	007098-22-8	90
4		Heneicosane	296	C21H44	000629-94-7	90
5		triacontane	422	C30H62	000638-68-6	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112827.D
Acq On : 4 Mar 2019 16:34
Operator : JU/SJ
Sample : K1688-19 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
JC-03-030119-J

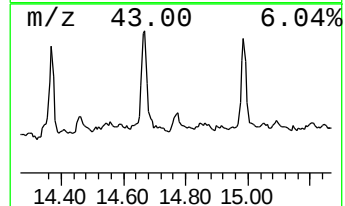
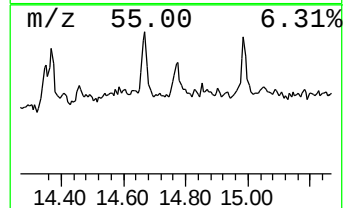
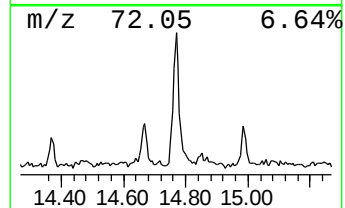
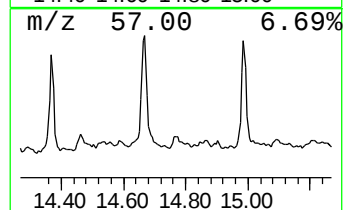
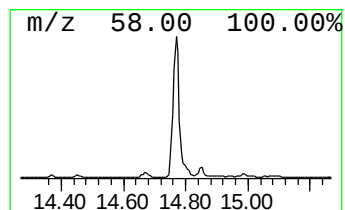
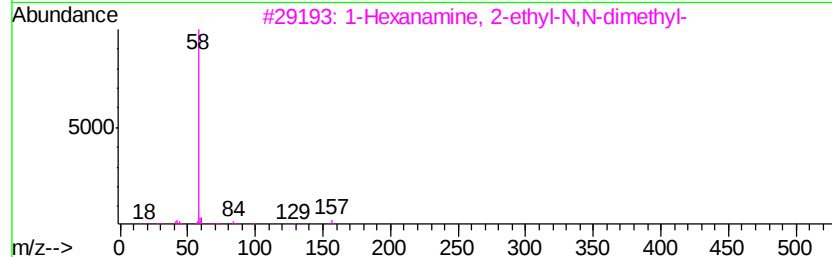
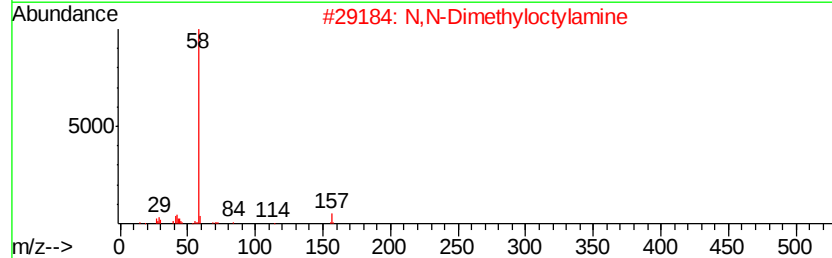
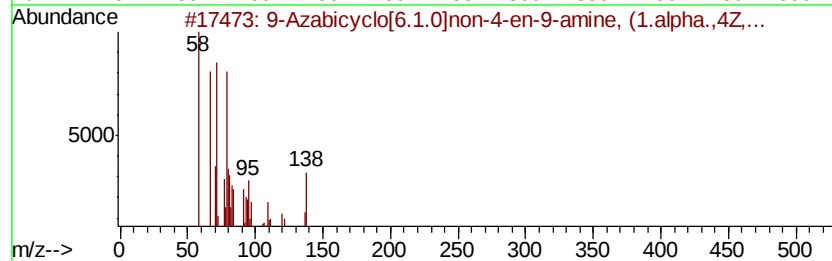
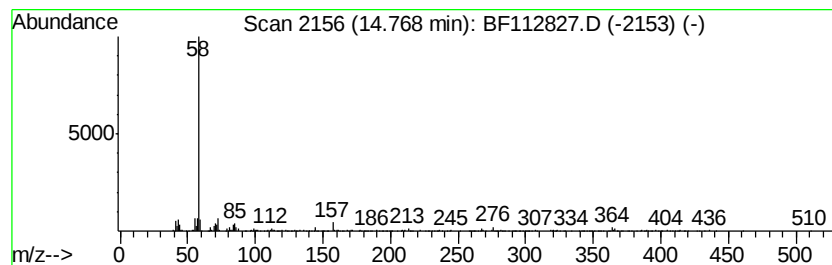
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 9-Azabicyclo[6.1.0]non-4-en... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	8.03 ng	312860	Perylene-d12	15.30

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9-Azabicyclo[6.1.0]non-4-en-9-am...	138	C8H14N2	066387-78-8	76
2			N,N-Dimethyloctylamine	157	C10H23N	007378-99-6	64
3			1-Hexanamine, 2-ethyl-N,N-dimethyl-	157	C10H23N	028056-87-3	64
4			Cetrimonium Bromide	363	C19H42BrN	000057-09-0	59
5			N,N,2,2-Tetramethyl-1,3-propaned...	130	C7H18N2	053369-71-4	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
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Sample : K1688-19 2X
Misc :
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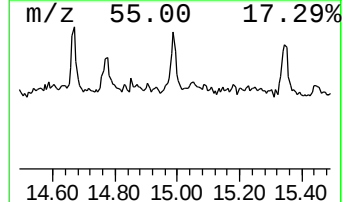
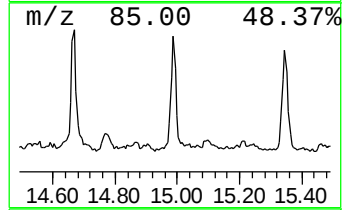
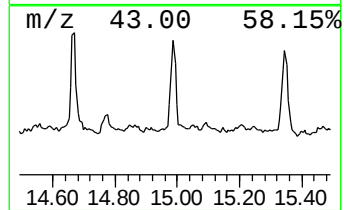
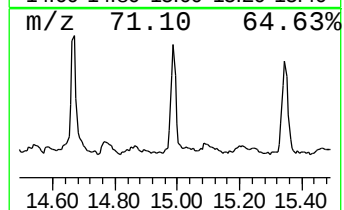
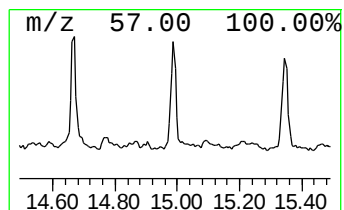
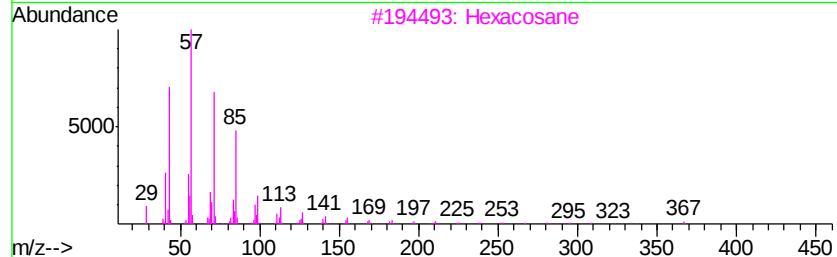
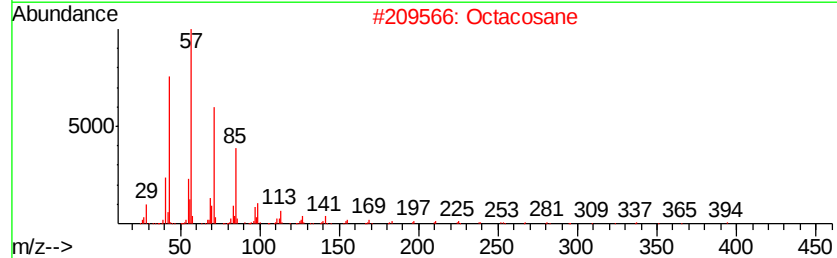
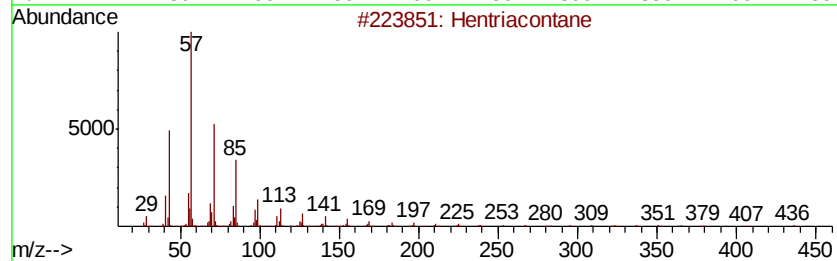
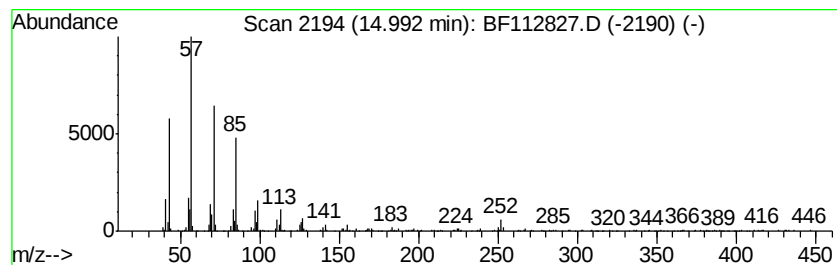
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Hentriacontane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	10.00 ng	389657	Perylene-d12	15.30
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hentriacontane	437 C31H64	000630-04-6	93
2	Octacosane	394 C28H58	000630-02-4	90
3	Hexacosane	366 C26H54	000630-01-3	90
4	Heneicosane	296 C21H44	000629-94-7	90
5	Tetracosane	338 C24H50	000646-31-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112827.D
Acq On : 4 Mar 2019 16:34
Operator : JU/SJ
Sample : K1688-19 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-03-030119-J

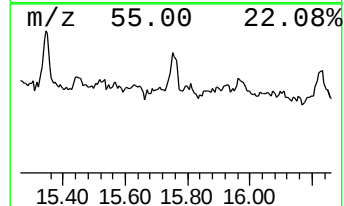
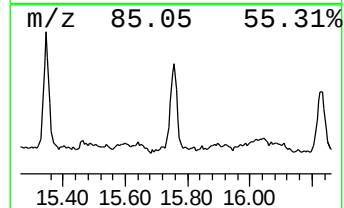
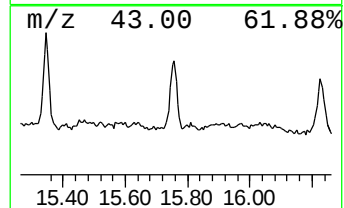
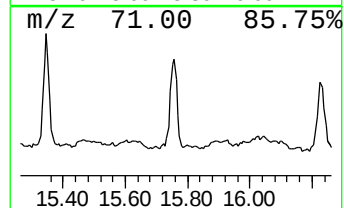
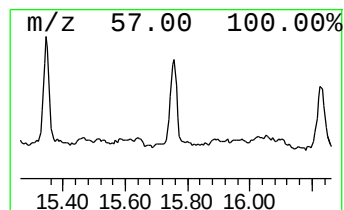
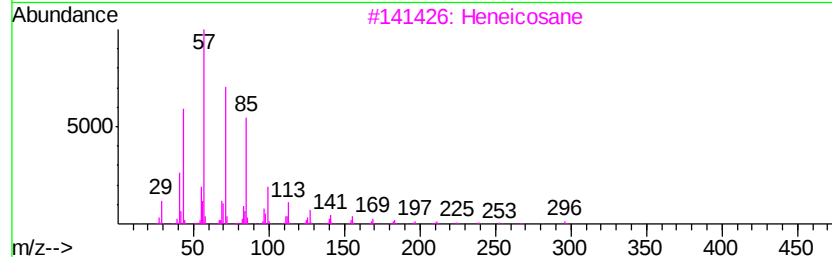
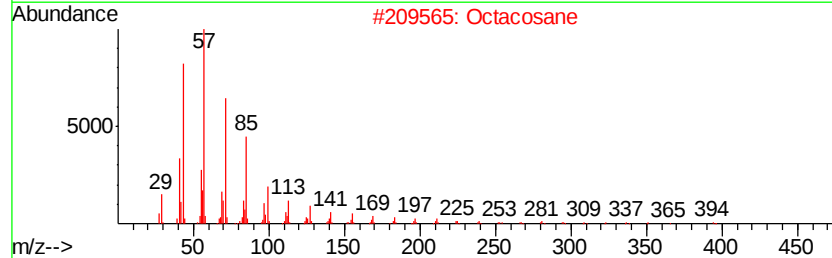
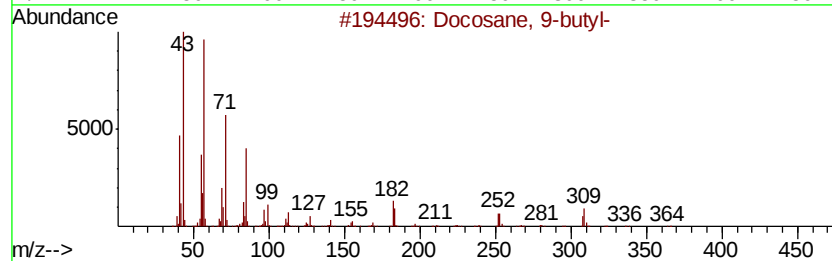
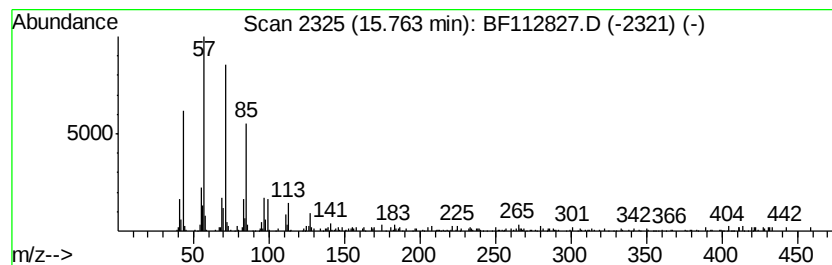
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Docosane, 9-butyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.76	6.74 ng	262741	Perylene-d12	15.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane, 9-butyl-	366	C26H54	055282-14-9	90
2		Octacosane	394	C28H58	000630-02-4	83
3		Heneicosane	296	C21H44	000629-94-7	83
4		2-methyloctacosane	408	C29H60	1000376-72-8	83
5		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030419\
 Data File : BF112827.D
 Acq On : 4 Mar 2019 16:34
 Operator : JU/SJ
 Sample : K1688-19 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-030119-J

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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
unknown6.51	6.51	47.6	ng	2184280	1	6.75	916953	20.0
Tridecane	8.63	5.8	ng	391067	2	8.03	1349620	20.0
Tetradecane	9.19	7.1	ng	406459	3	9.77	1147470	20.0
Hexadecane	9.72	6.3	ng	363614	3	9.77	1147470	20.0
Bacchotricuneatin c	10.22	6.0	ng	342858	3	9.77	1147470	20.0
Heptadecane	10.69	8.8	ng	470587	4	11.26	1069180	20.0
Heptadecane, 8-me...	11.14	5.8	ng	309667	4	11.26	1069180	20.0
Nonadecane	11.56	5.0	ng	270010	4	11.26	1069180	20.0
Hexadecanoic acid...	11.66	44.5	ng	2379910	4	11.26	1069180	20.0
n-Hexadecanoic acid	11.79	5.4	ng	289106	4	11.26	1069180	20.0
Eicosane	11.97	5.7	ng	305766	4	11.26	1069180	20.0
9,12-Octadecadien...	12.35	109.6	ng	5856760	4	11.26	1069180	20.0
9-Octadecenoic ac...	12.37	143.1	ng	7650170	4	11.26	1069180	20.0
Heneicosane	13.08	6.8	ng	428803	5	13.88	1261280	20.0
Tetracosane	14.67	10.4	ng	403554	6	15.30	779143	20.0
9-Azabicyclo[6.1....	14.77	8.0	ng	312860	6	15.30	779143	20.0
Hentriacontane	14.99	10.0	ng	389657	6	15.30	779143	20.0
Docosane, 9-butyl-	15.76	6.7	ng	262741	6	15.30	779143	20.0