

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
 Data File : BF111634.D
 Acq On : 20 Dec 2018 12:49
 Operator : JU/SJ
 Sample : J6481-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VB-1

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.216	18	22	30	rVB2	82344	121033	3.06%	0.277%
2	3.416	223	226	238	rBV	61135	125475	3.17%	0.287%
3	5.116	510	515	521	rBV	205678	257280	6.51%	0.589%
4	5.522	578	584	587	rBV	3556162	3564797	90.19%	8.156%
5	6.522	748	754	758	rBV	3909727	3952714	100.00%	9.043%
6	6.663	774	778	782	rBV	3877622	3800769	96.16%	8.696%
7	6.892	814	817	821	rBV	1111414	995116	25.18%	2.277%
8	7.051	841	844	848	rVB	3166250	2844118	71.95%	6.507%
9	7.392	895	902	905	rBV	258694	349383	8.84%	0.799%
10	7.451	907	912	915	rVV	2696575	2384997	60.34%	5.456%
11	7.498	917	920	923	rVV	89168	71498	1.81%	0.164%
12	7.534	923	926	932	rVB3	47911	54750	1.39%	0.125%
13	7.669	943	949	951	rBV	45962	45042	1.14%	0.103%
14	8.075	1015	1018	1023	rBV	165662	128630	3.25%	0.294%
15	8.175	1030	1035	1039	rBV	1519754	1376031	34.81%	3.148%
16	8.475	1081	1086	1093	rBV6	50338	86704	2.19%	0.198%
17	8.563	1098	1101	1104	rBV3	53222	52464	1.33%	0.120%
18	8.604	1105	1108	1110	rBV	62823	52392	1.33%	0.120%
19	8.680	1118	1121	1124	rBV2	68694	60666	1.53%	0.139%
20	8.775	1134	1137	1141	rBV	215130	182130	4.61%	0.417%
21	8.998	1171	1175	1180	rVB4	53498	62303	1.58%	0.143%
22	9.151	1194	1201	1204	rBV	1380115	1490548	37.71%	3.410%
23	9.204	1208	1210	1214	rVV2	82138	83334	2.11%	0.191%
24	9.251	1214	1218	1221	rVV	4586838	3677051	93.03%	8.412%
25	9.339	1228	1233	1237	rBV	292990	281660	7.13%	0.644%
26	9.510	1257	1262	1263	rBV4	44183	46232	1.17%	0.106%
27	9.639	1281	1284	1286	rBV	483849	382612	9.68%	0.875%
28	9.657	1286	1287	1289	rVV	106941	78775	1.99%	0.180%
29	9.680	1289	1291	1293	rVB2	72590	52697	1.33%	0.121%
30	9.716	1293	1297	1300	rVB2	62006	57041	1.44%	0.131%
31	9.869	1320	1323	1327	rVB	318762	257470	6.51%	0.589%
32	9.933	1330	1334	1337	rVB	1597978	1423448	36.01%	3.257%
33	10.098	1359	1362	1365	rBV2	44694	63558	1.61%	0.145%
34	10.192	1375	1378	1381	rVB3	66742	81665	2.07%	0.187%

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35	10.369	1405	1408	1411	rVB	324803	277151	7.01%	0.634%
36	10.586	1440	1445	1451	rBV	144405	181268	4.59%	0.415%
37	10.669	1457	1459	1463	rBV3	40184	45701	1.16%	0.105%
38	10.716	1463	1467	1470	rBV	3018302	2594507	65.64%	5.936%
39	10.839	1485	1488	1490	rBV	362309	366204	9.26%	0.838%
40	11.051	1522	1524	1530	rVB5	36440	57386	1.45%	0.131%
41	11.286	1561	1564	1567	rBV	332723	258064	6.53%	0.590%
42	11.322	1567	1570	1574	rVB	138865	140728	3.56%	0.322%
43	11.416	1582	1586	1589	rBV	1533306	1340574	33.92%	3.067%
44	11.469	1592	1595	1599	rVB4	39859	57346	1.45%	0.131%
45	11.710	1633	1636	1639	rBV	228159	204289	5.17%	0.467%
46	11.810	1650	1653	1656	rVB	445745	335621	8.49%	0.768%
47	11.939	1672	1675	1679	rBV	361712	303480	7.68%	0.694%
48	12.121	1703	1706	1709	rVB	200933	171994	4.35%	0.393%
49	12.457	1760	1763	1766	rBV5	41077	47719	1.21%	0.109%
50	12.492	1766	1769	1771	rBV	905017	826657	20.91%	1.891%
51	12.516	1771	1773	1776	rVB2	894024	719631	18.21%	1.646%
52	12.604	1785	1788	1790	rBV	156409	140361	3.55%	0.321%
53	12.721	1805	1808	1811	rBV	107360	112293	2.84%	0.257%
54	12.816	1821	1824	1828	rBV4	34238	45459	1.15%	0.104%
55	12.880	1832	1835	1838	rVB2	94367	82962	2.10%	0.190%
56	12.998	1850	1855	1858	rBV	3106325	2768236	70.03%	6.333%
57	13.233	1892	1895	1899	rVB	76420	65214	1.65%	0.149%
58	13.474	1930	1936	1942	rBV	175097	181983	4.60%	0.416%
59	13.892	2003	2007	2014	rBV2	176747	227533	5.76%	0.521%
60	14.045	2028	2033	2037	rBV	1209756	1100049	27.83%	2.517%
61	14.221	2059	2063	2067	rBV	67881	76057	1.92%	0.174%
62	14.527	2111	2115	2119	rBV	153604	160725	4.07%	0.368%
63	14.804	2159	2162	2165	rBV	94601	116283	2.94%	0.266%
64	14.833	2165	2167	2171	rVB	159288	166982	4.22%	0.382%
65	14.915	2178	2181	2183	rVB	63745	61834	1.56%	0.141%
66	15.180	2222	2226	2234	rVB	192365	274114	6.93%	0.627%
67	15.521	2279	2284	2288	rBV	863435	1045919	26.46%	2.393%
68	15.568	2288	2292	2299	rVB	167229	218144	5.52%	0.499%
69	16.015	2363	2368	2372	rBV	124892	200423	5.07%	0.459%
70	16.056	2373	2375	2380	rVB6	47903	60868	1.54%	0.139%
71	16.533	2452	2456	2463	rVB	73358	131276	3.32%	0.300%

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Stop Thrs : 0 Peak Location: TOP

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

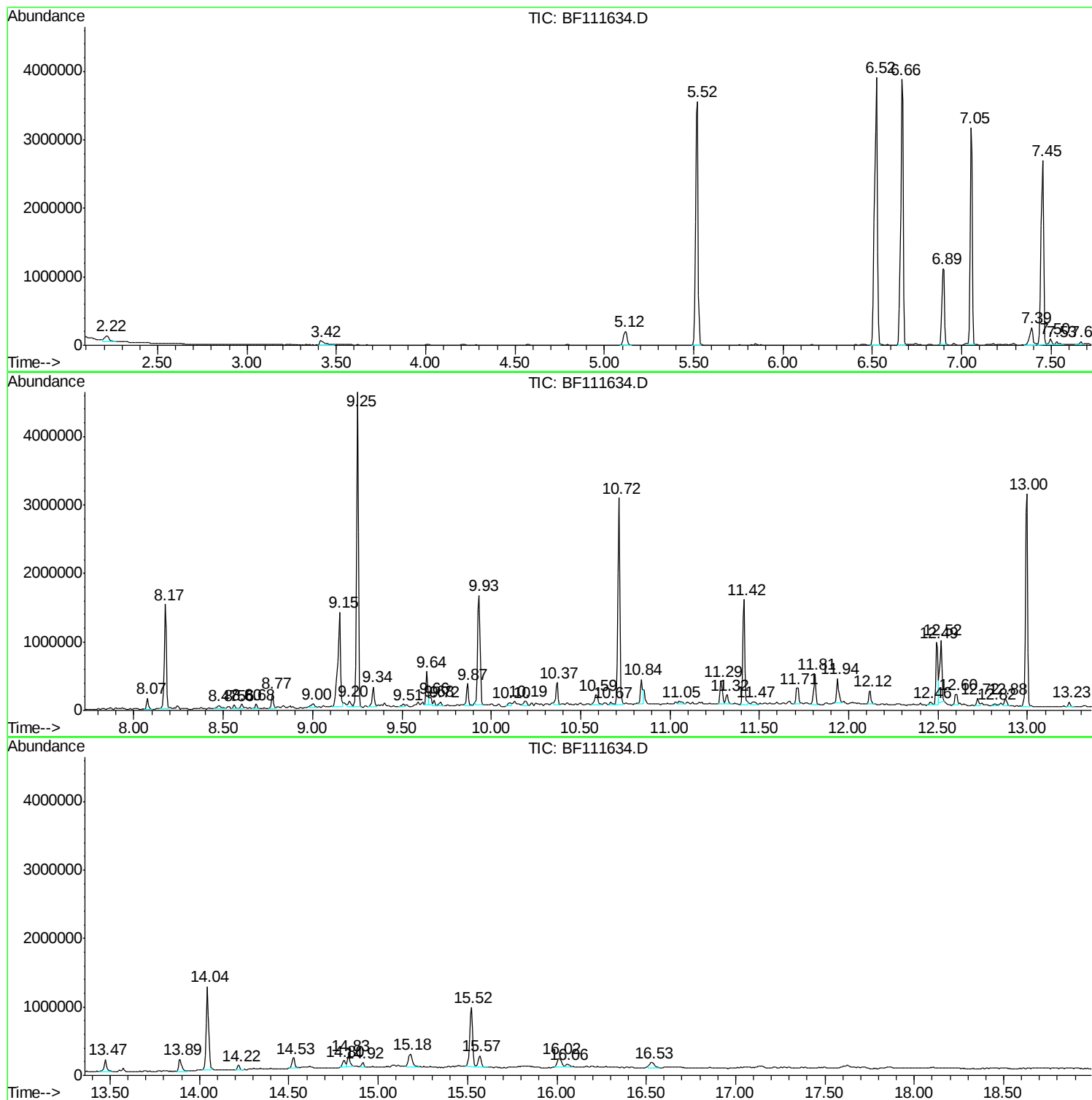
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Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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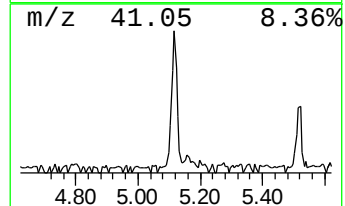
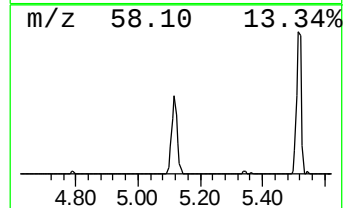
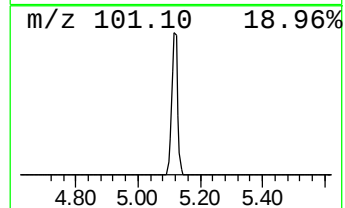
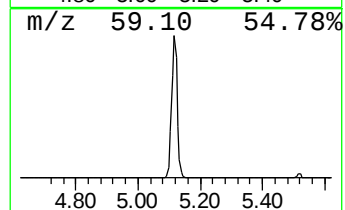
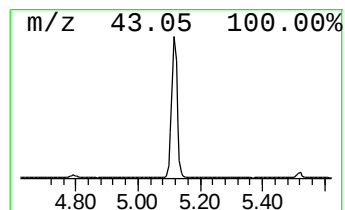
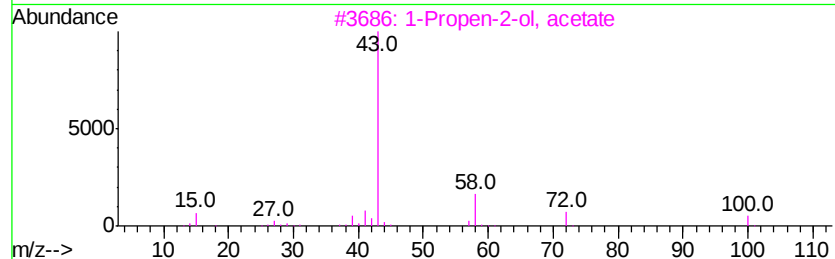
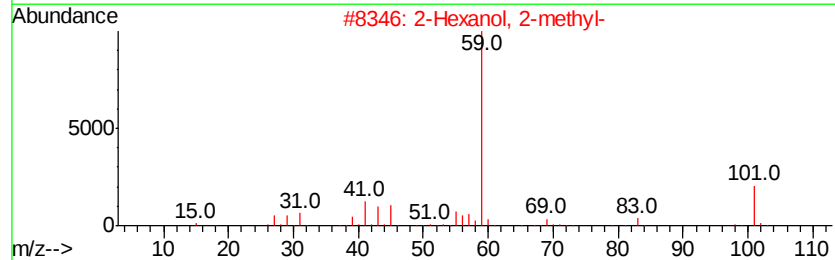
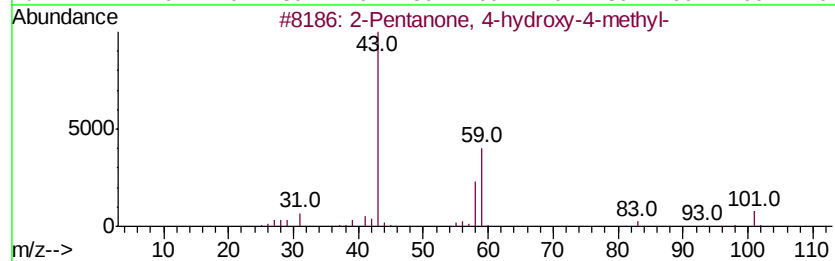
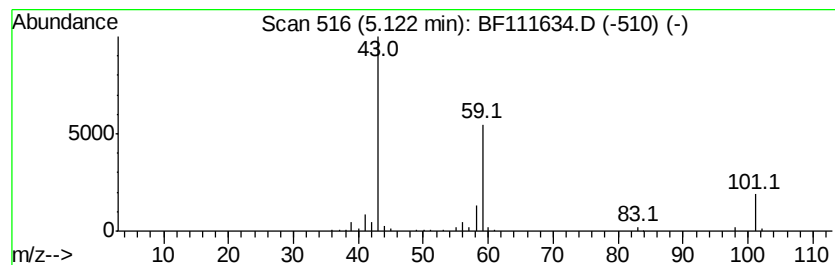
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	5.17 ng	257280	1,4-Dichlorobenzene-d4	6.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
3			1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4			Butane	58	C4H10	000106-97-8	9
5			Propanenitrile, 3-ethoxy-	99	C5H9NO	002141-62-0	9



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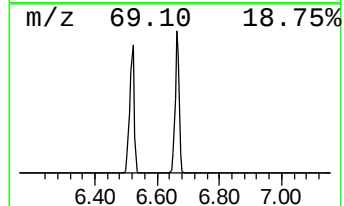
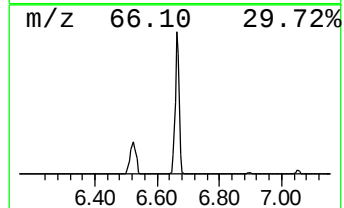
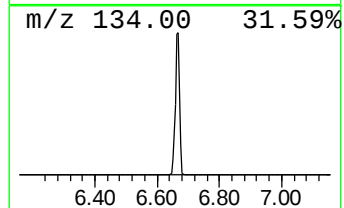
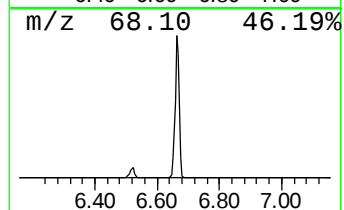
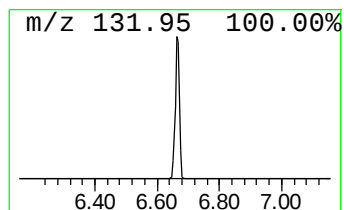
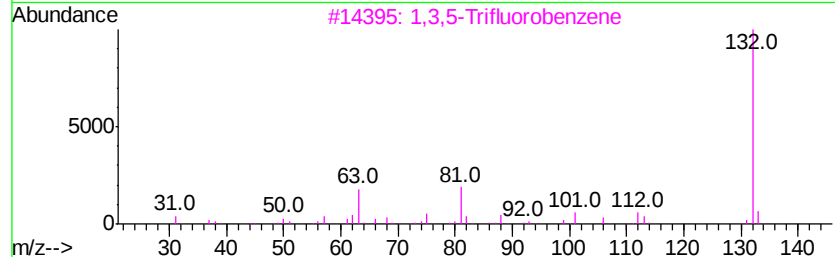
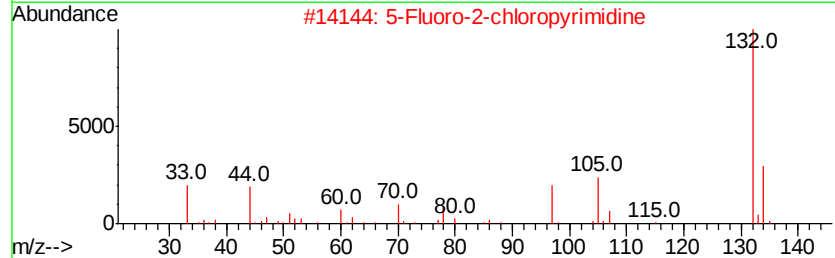
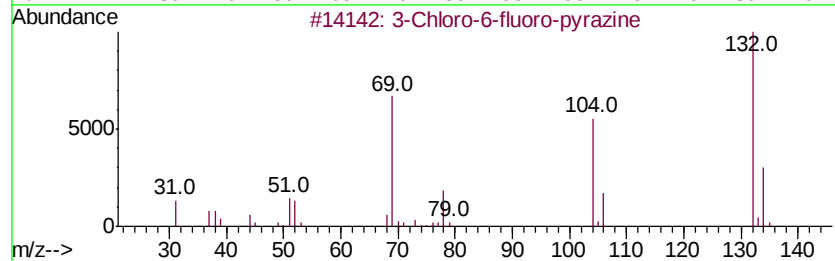
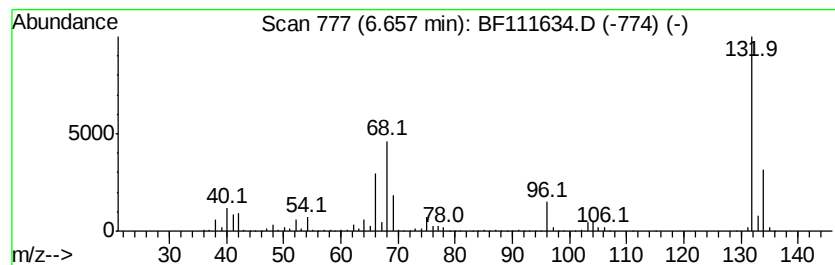
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	76.39 ng	3800770	1,4-Dichlorobenzene-d4	6.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
4		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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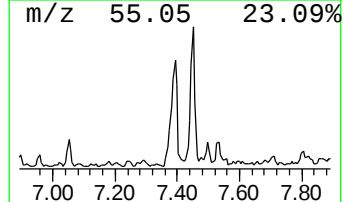
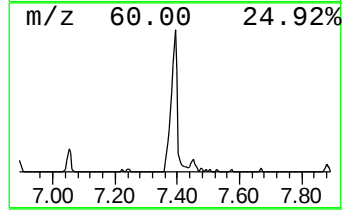
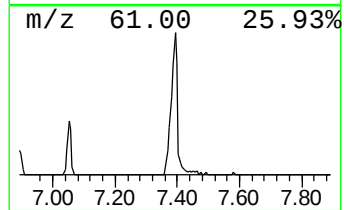
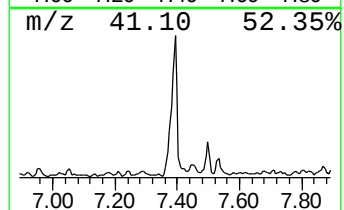
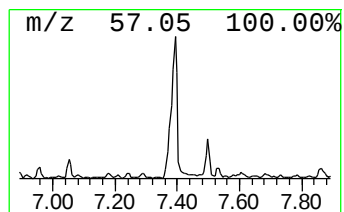
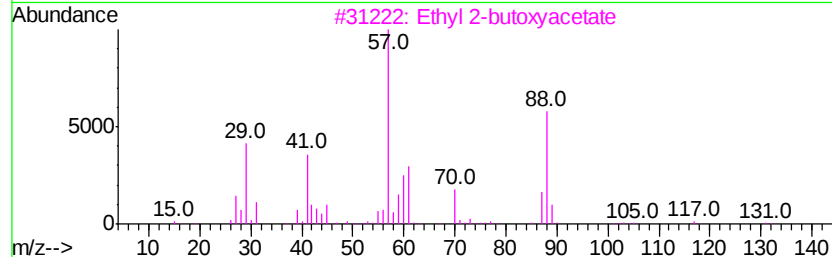
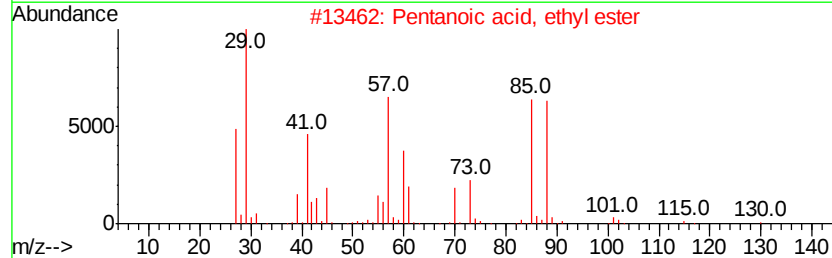
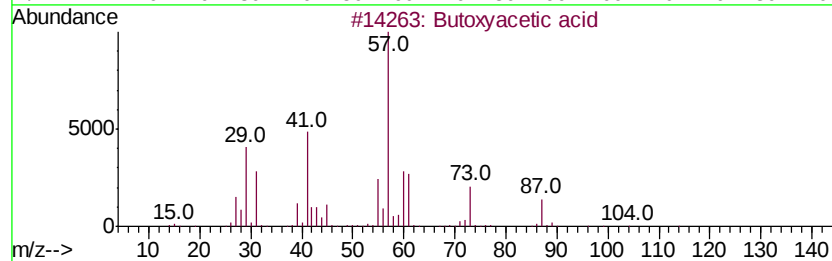
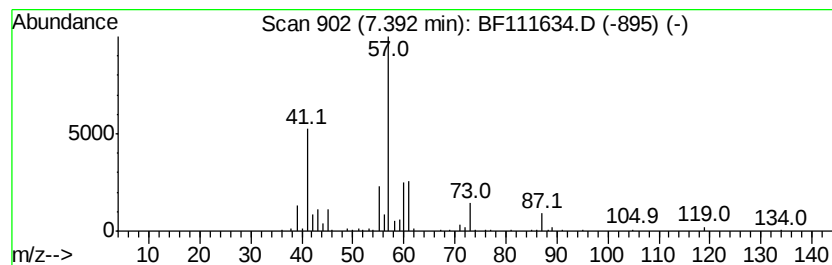
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Butoxyacetic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.39	7.02 ng	349383	1,4-Dichlorobenzene-d4	6.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butoxyacetic acid	132	C6H12O3	002516-93-0	50
2		Pentanoic acid, ethyl ester	130	C7H14O2	000539-82-2	37
3		Ethyl 2-butoxyacetate	160	C8H16O3	1000366-89-3	36
4		Butanoic acid, 3,3-dimethyl-	116	C6H12O2	001070-83-3	35
5		Butyl glycolate	132	C6H12O3	007397-62-8	28



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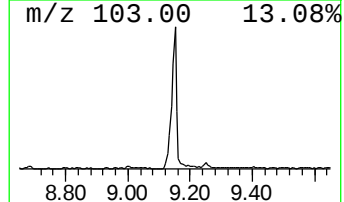
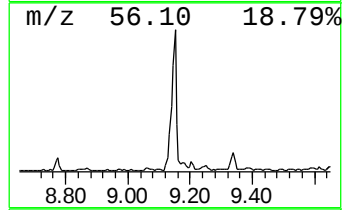
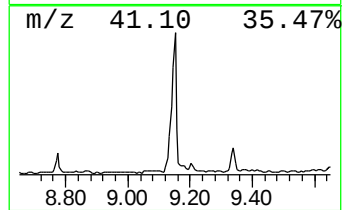
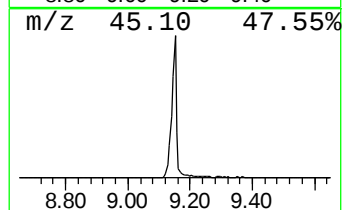
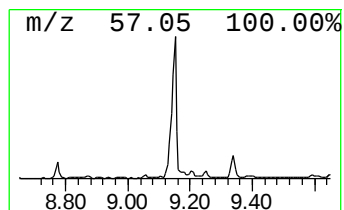
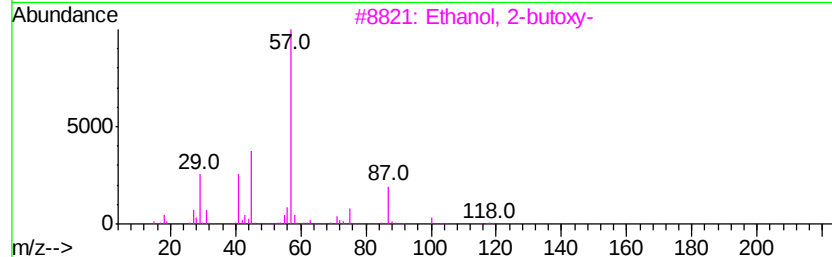
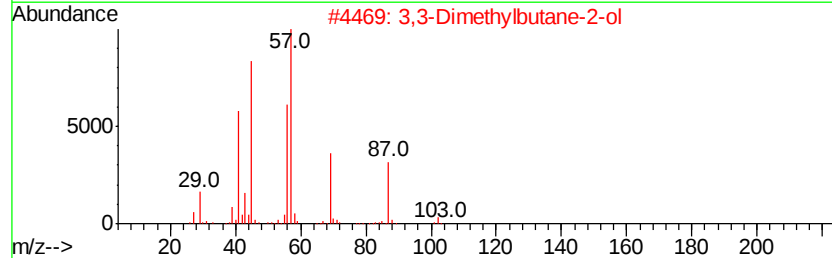
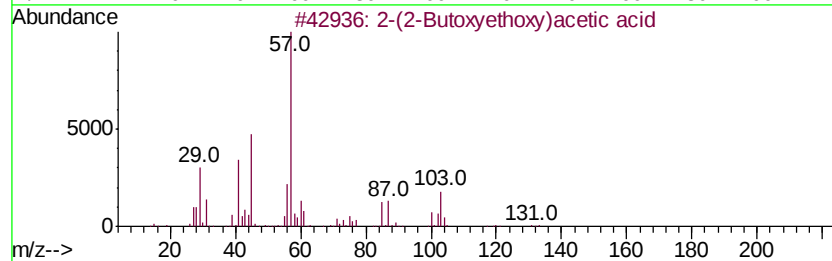
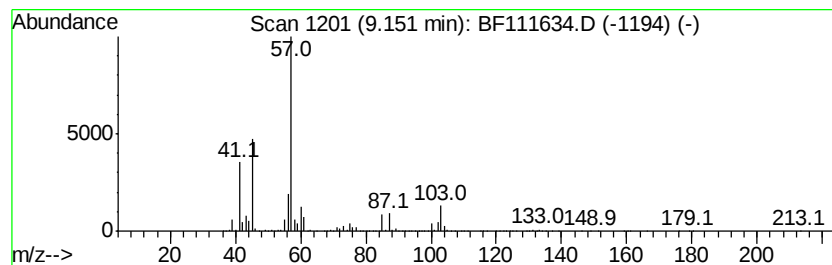
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 2-(2-Butoxyethoxy)acetic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.15	20.94 ng	1490550	Acenaphthene-d10	9.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-(2-Butoxyethoxy)acetic acid	176	C8H16O4	082941-26-2	64
2		3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	47
3		Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	38
4		2-Pentanol, 4,4-dimethyl-	116	C7H16O	006144-93-0	37
5		Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	37



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
Data File : BF111634.D
Acq On : 20 Dec 2018 12:49
Operator : JU/SJ
Sample : J6481-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

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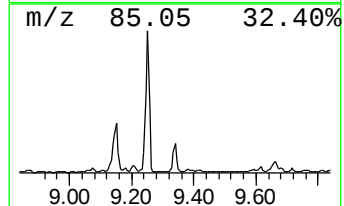
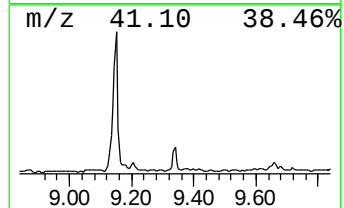
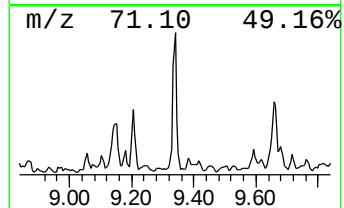
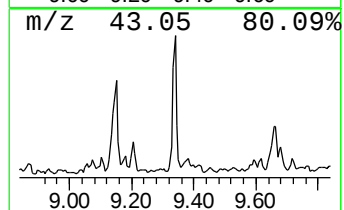
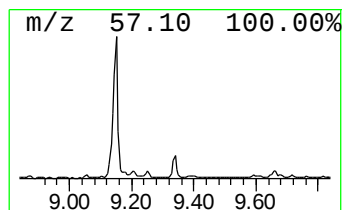
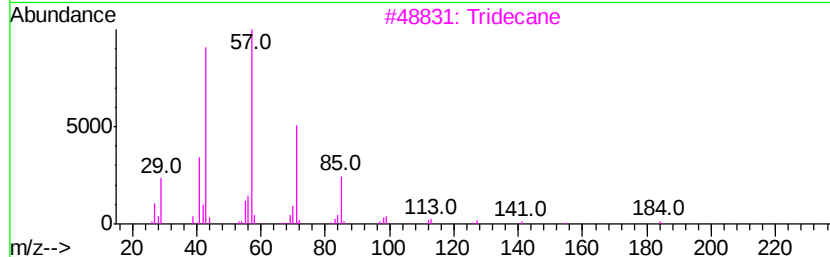
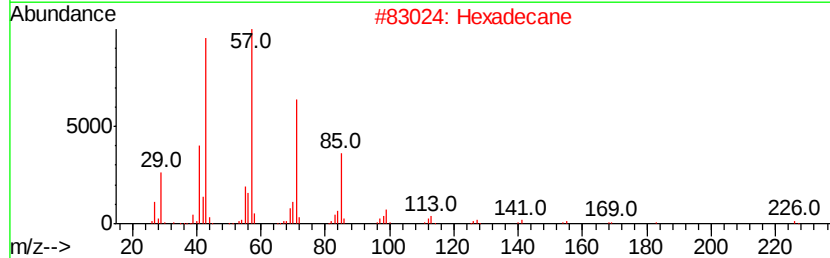
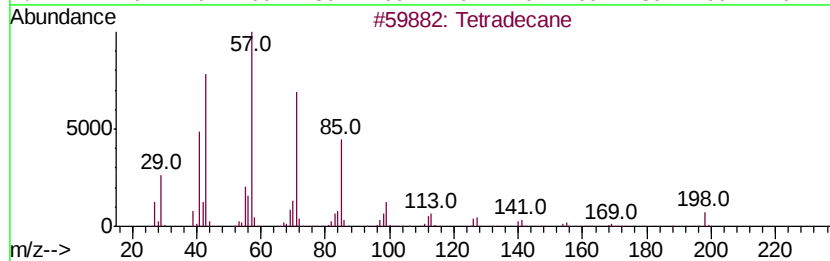
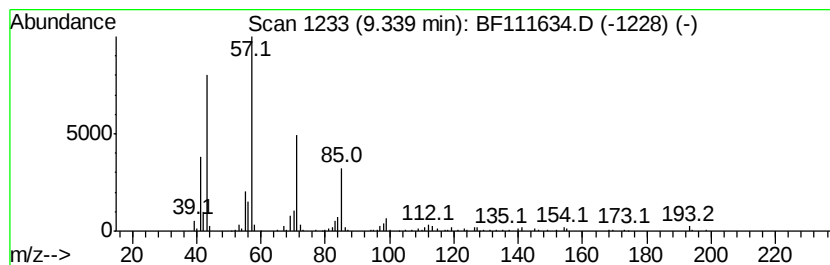
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tetradecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.34	3.96 ng	281660	Acenaphthene-d10	9.93

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		Tridecane	184	C13H28	000629-50-5	86
4		Undecane	156	C11H24	001120-21-4	86
5		Tridecane, 6-methyl-	198	C14H30	013287-21-3	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
Data File : BF111634.D
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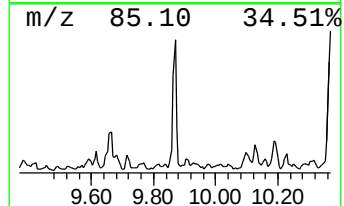
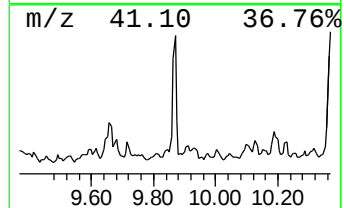
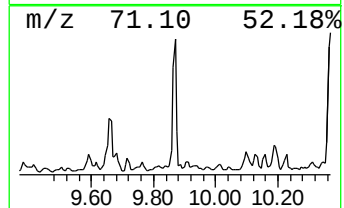
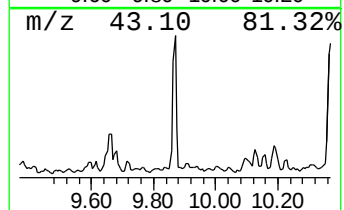
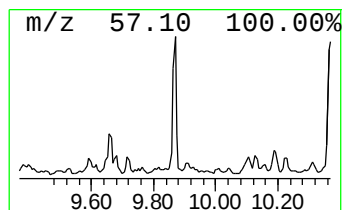
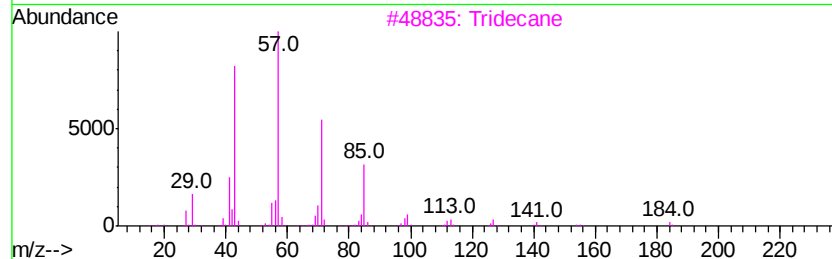
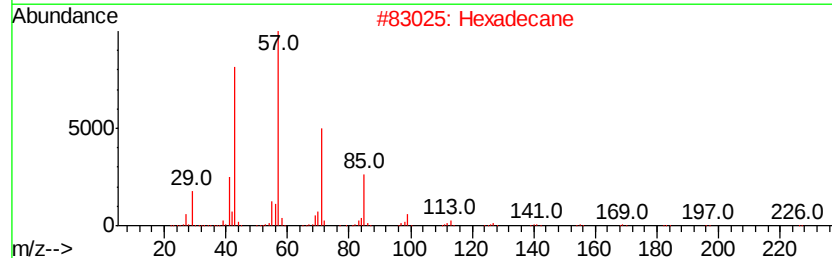
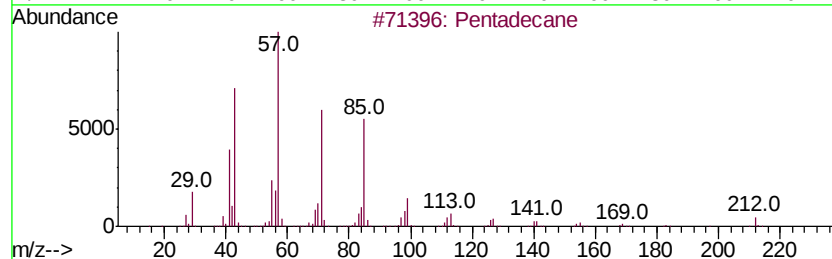
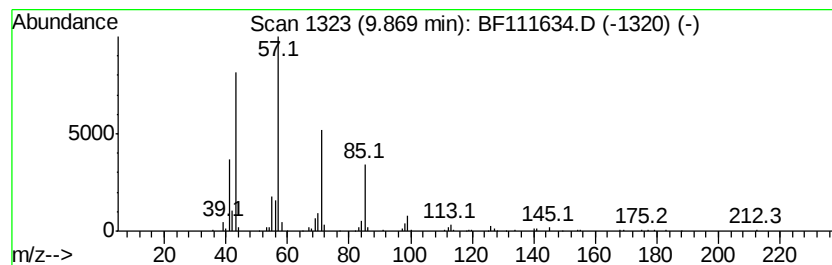
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Pentadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.87	3.62 ng	257470	Acenaphthene-d10	9.93

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane		212	C15H32	000629-62-9	94
2	Hexadecane		226	C16H34	000544-76-3	91
3	Tridecane		184	C13H28	000629-50-5	90
4	Decane, 6-ethyl-2-methyl-		184	C13H28	062108-21-8	78
5	5-Ethyldecane		170	C12H26	017302-36-2	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
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Sample : J6481-01
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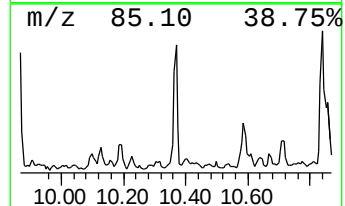
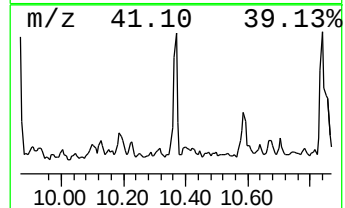
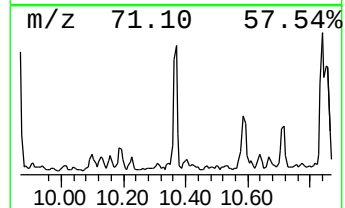
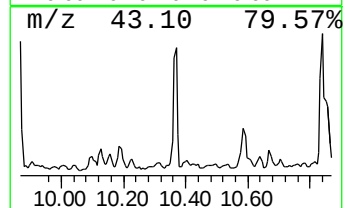
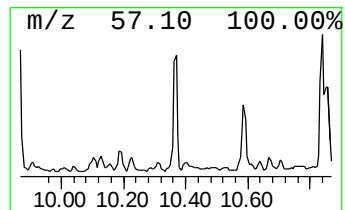
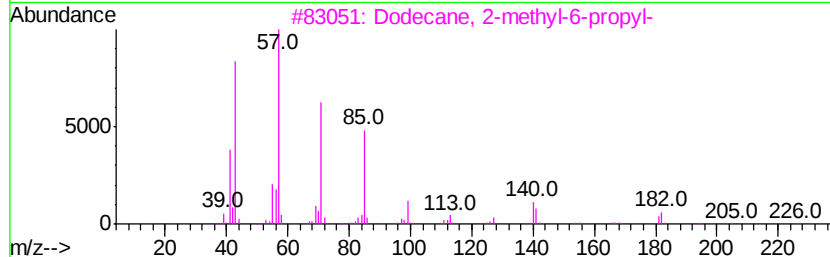
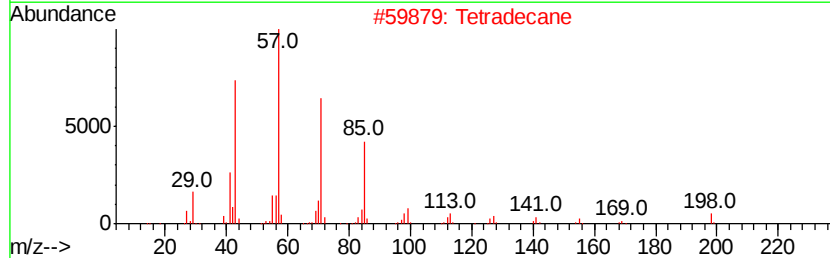
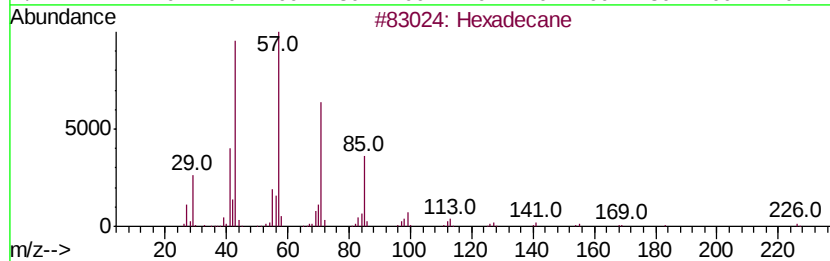
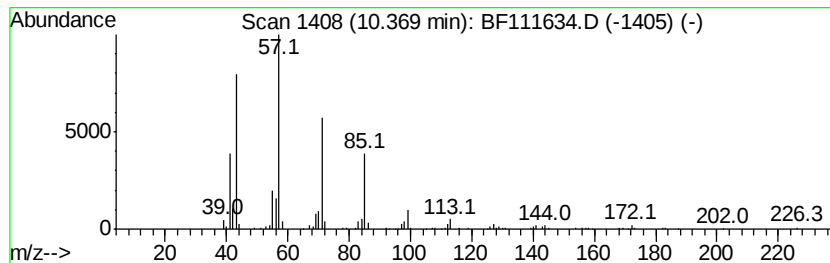
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hexadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.37	3.89 ng	277151	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	86
3	Dodecane, 2-methyl-6-propyl-	226 C16H34	055045-08-4	86
4	Tridecane	184 C13H28	000629-50-5	86
5	Undecane, 2,9-dimethyl-	184 C13H28	017301-26-7	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
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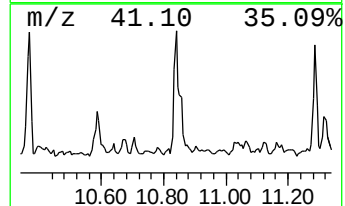
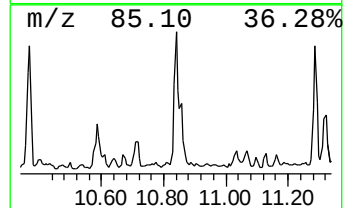
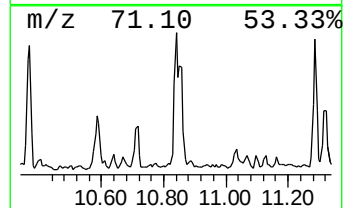
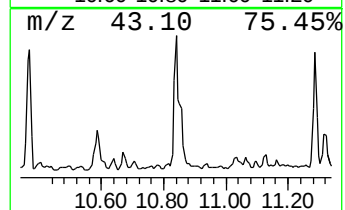
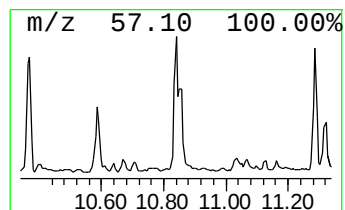
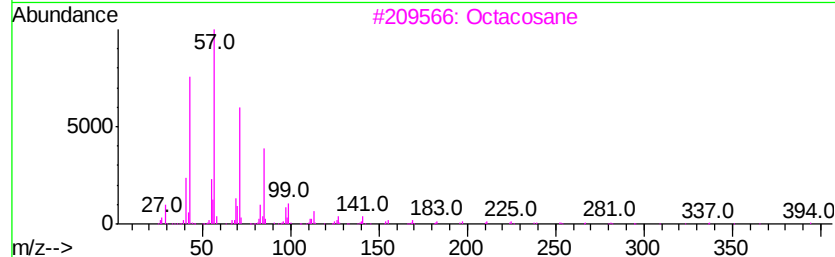
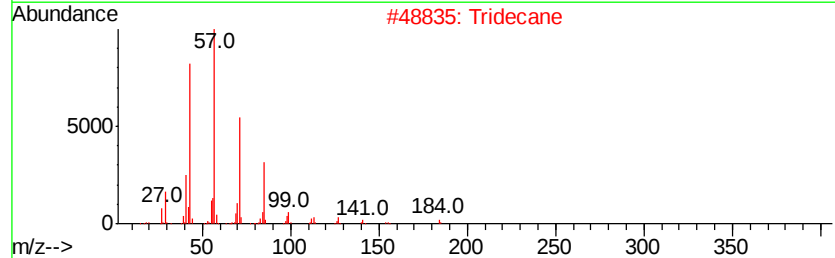
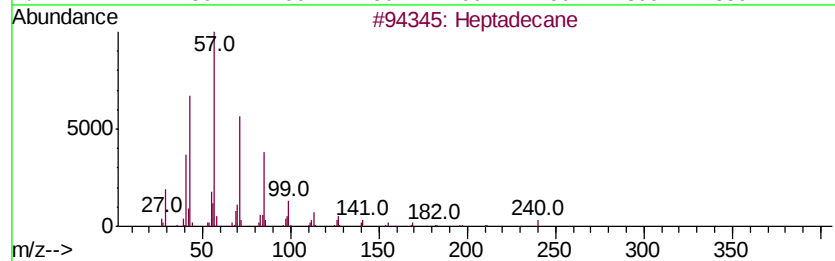
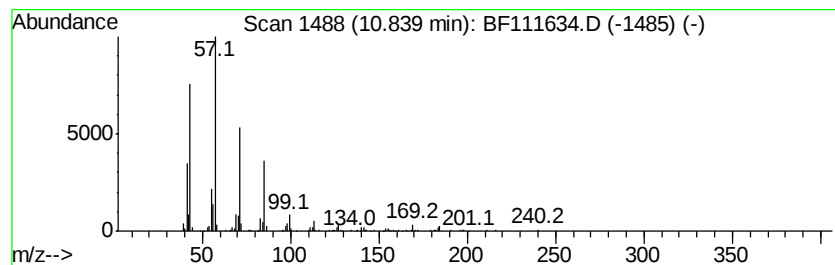
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heptadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.84	5.46 ng	366204	Phenanthrene-d10		11.42
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Tridecane	184	C13H28	000629-50-5	94
3	Octacosane	394	C28H58	000630-02-4	87
4	Tetradecane	198	C14H30	000629-59-4	87
5	Hexadecane	226	C16H34	000544-76-3	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
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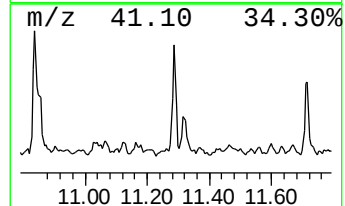
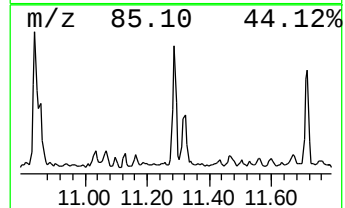
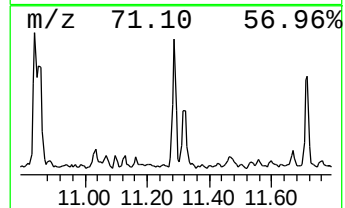
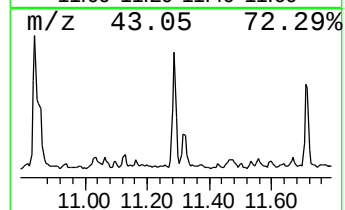
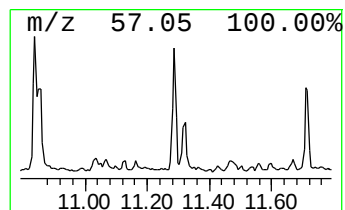
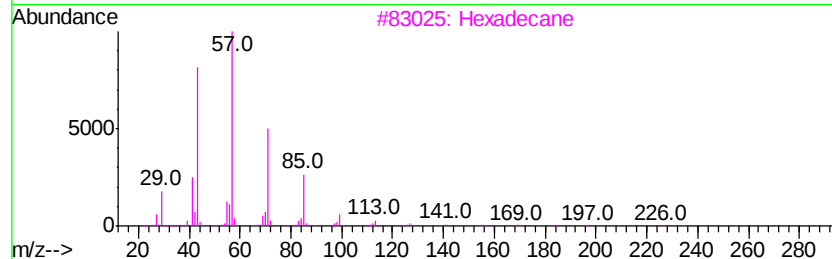
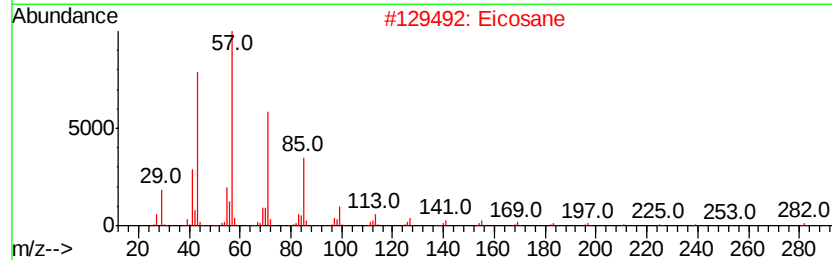
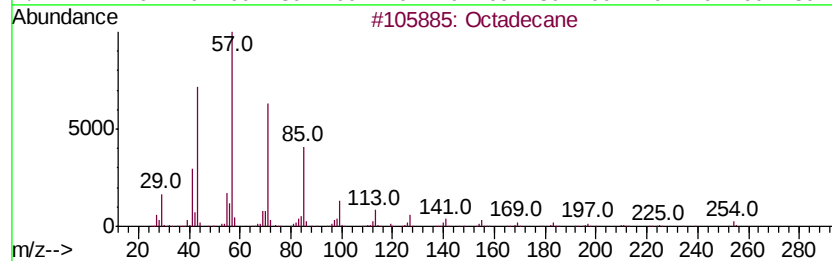
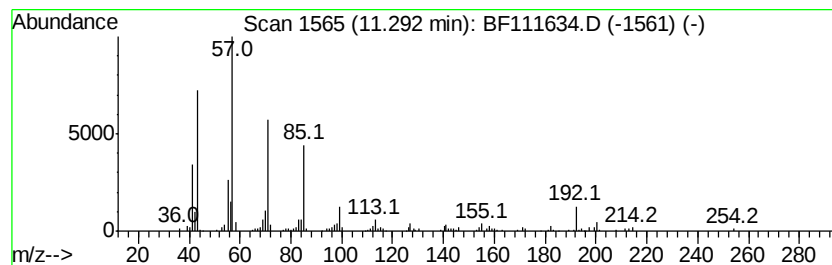
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Octadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	3.85 ng	258064	Phenanthrene-d10	11.42

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane		254	C18H38	000593-45-3	91
2	Eicosane		282	C20H42	000112-95-8	91
3	Hexadecane		226	C16H34	000544-76-3	90
4	Tetracosane		338	C24H50	000646-31-1	90
5	Octacosane		394	C28H58	000630-02-4	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
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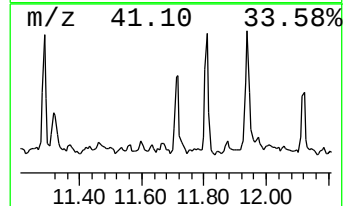
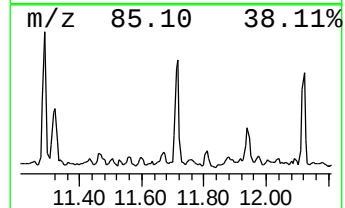
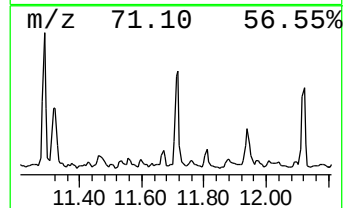
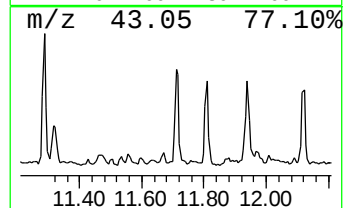
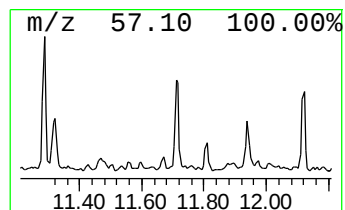
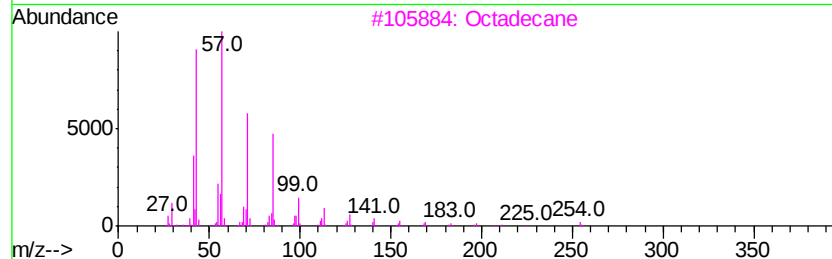
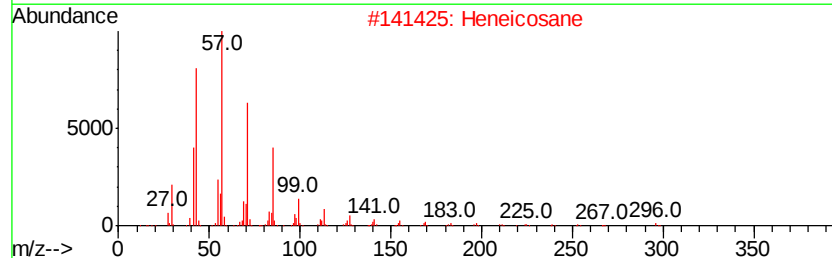
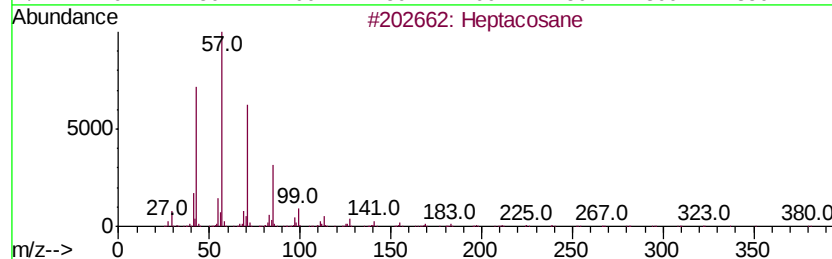
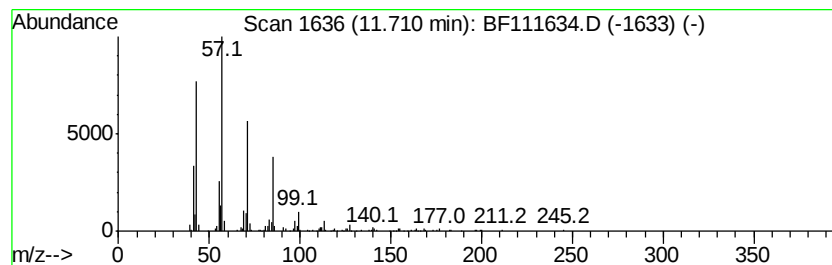
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Heptacosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.71	3.05 ng	204289	Phenanthrene-d10	11.42

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosane	380	C27H56	000593-49-7	91
2			Heneicosane	296	C21H44	000629-94-7	90
3			Octadecane	254	C18H38	000593-45-3	87
4			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
5			Tridecane, 7-hexyl-	268	C19H40	007225-66-3	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
Data File : BF111634.D
Acq On : 20 Dec 2018 12:49
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Misc :
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ClientSampleId :
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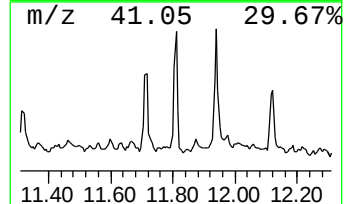
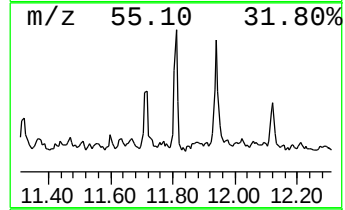
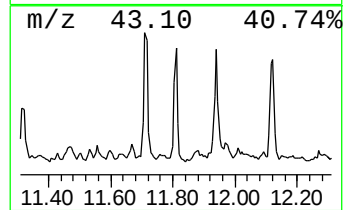
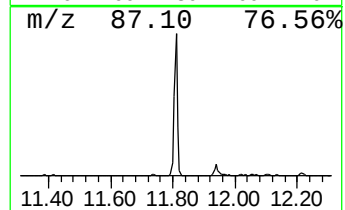
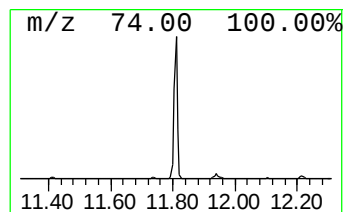
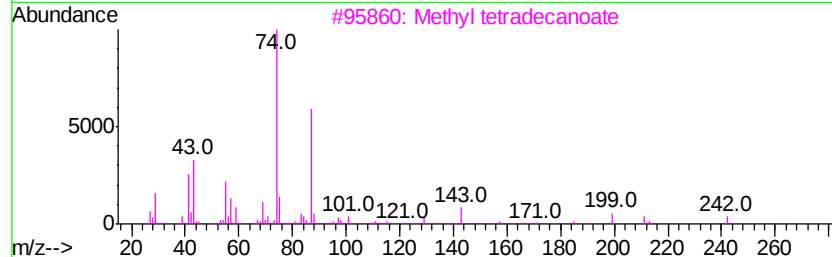
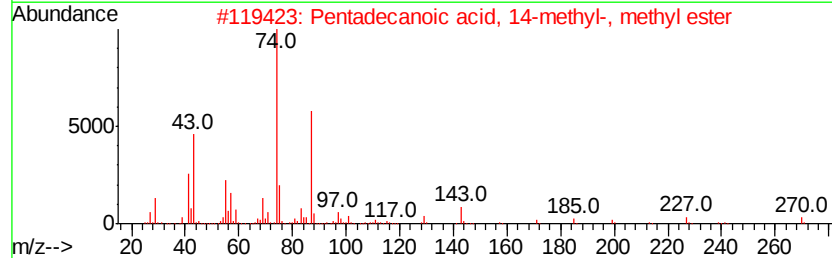
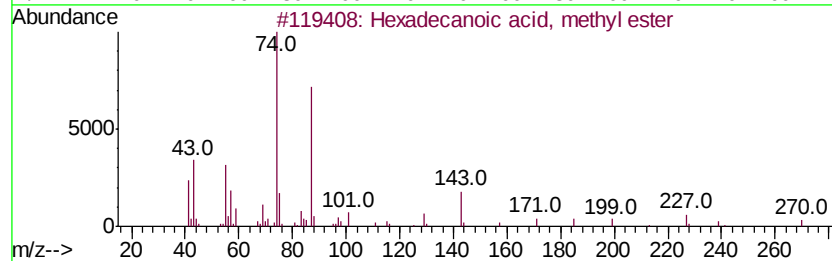
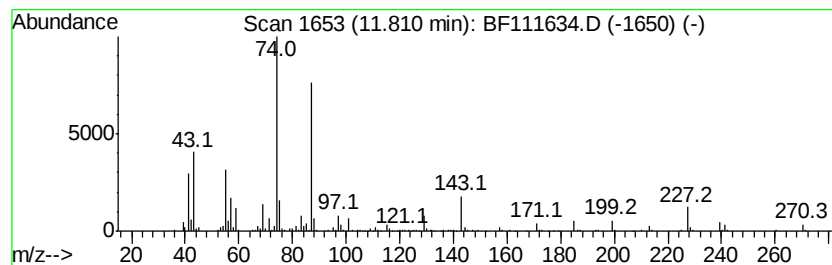
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Hexadecanoic acid, methyl e... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	5.01 ng	335621	Phenanthrene-d10	11.42

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	96
2			Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	94
3			Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
4			Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	91
5			Methyl 9-methyltetradecanoate	256	C16H32O2	213617-69-7	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
 Data File : BF111634.D
 Acq On : 20 Dec 2018 12:49
 Operator : JU/SJ
 Sample : J6481-01
 Misc :
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Instrument :
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 ClientSampleId :
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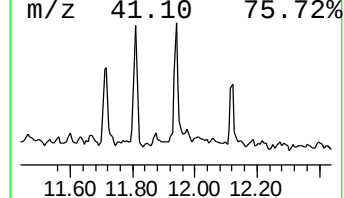
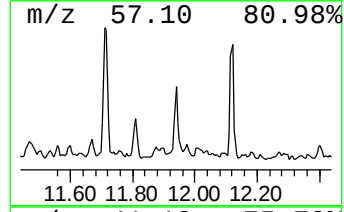
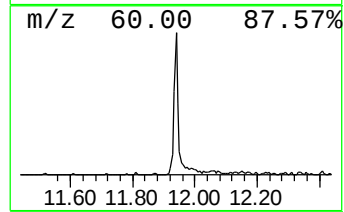
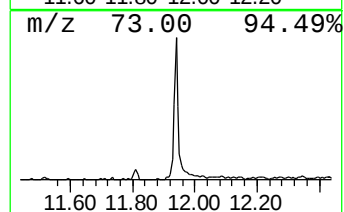
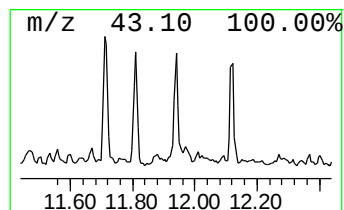
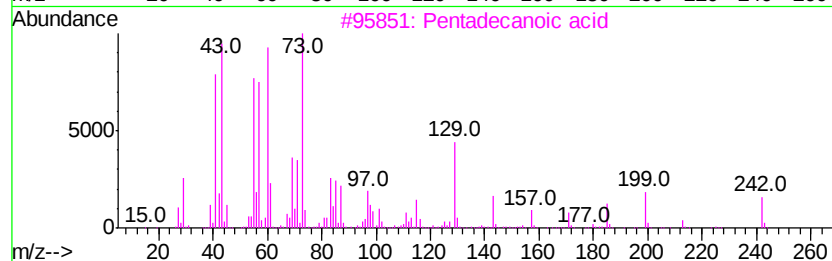
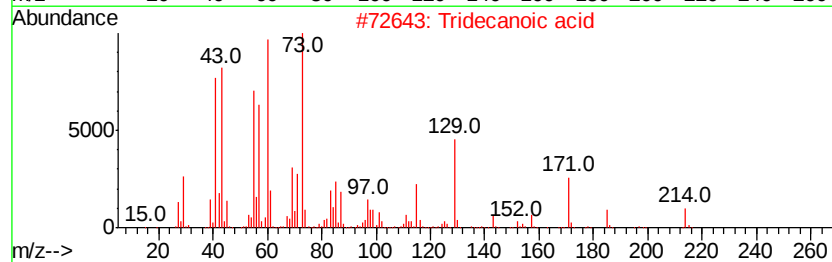
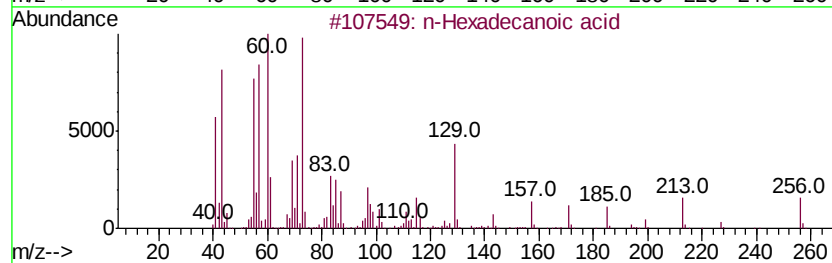
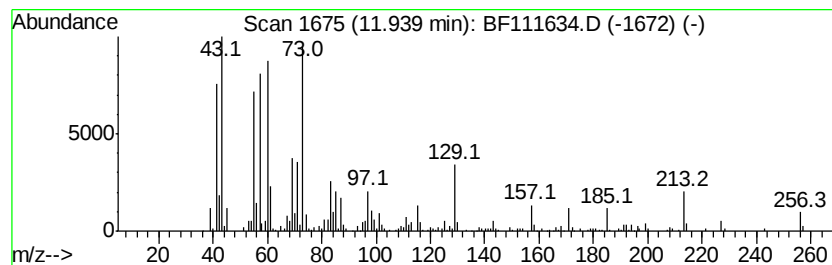
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 13 n-Hexadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	4.53 ng	303480	Phenanthrene-d10	11.42

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Tridecanoic acid	214	C13H26O2	000638-53-9	95
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	74
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	59
5			Undecanoic acid	186	C11H22O2	000112-37-8	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
Data File : BF111634.D
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Sample : J6481-01
Misc :
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ClientSampleId :
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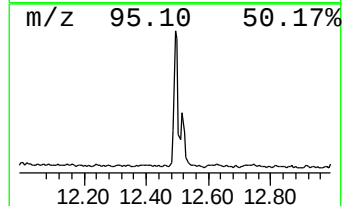
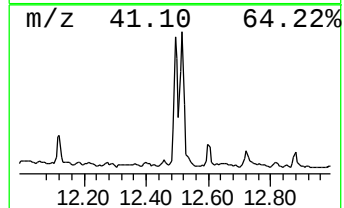
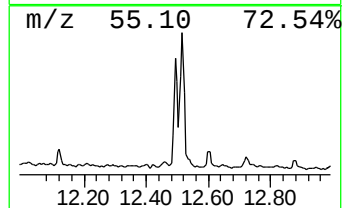
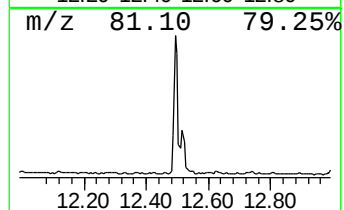
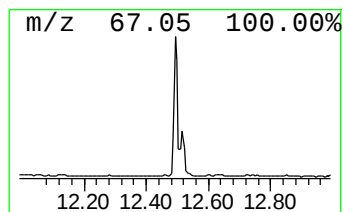
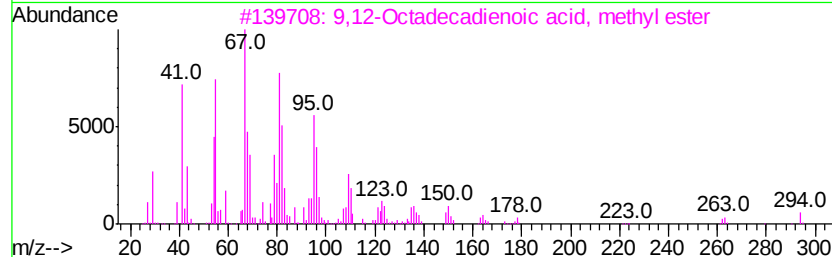
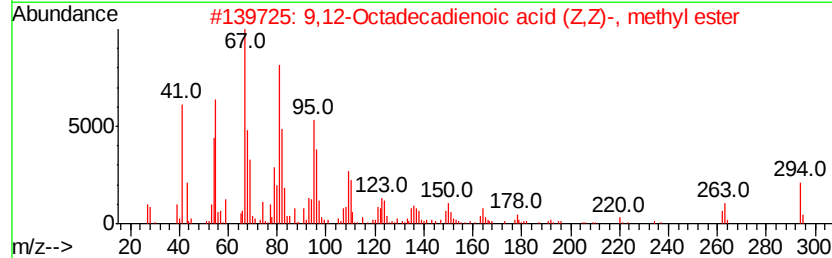
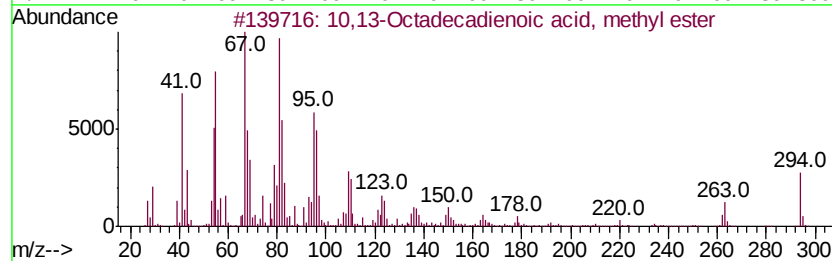
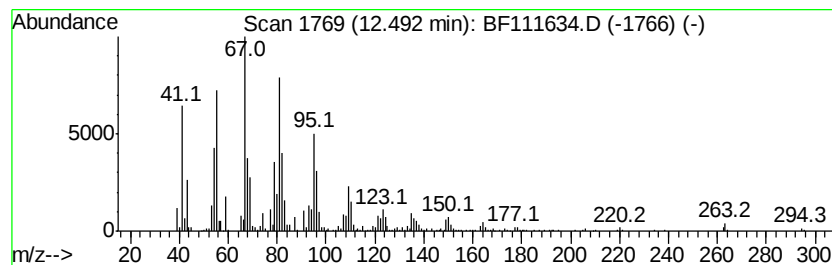
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 10,13-Octadecadienoic acid,... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	12.33 ng	826657	Phenanthrene-d10	11.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
2		9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
3		9,12-Octadecadienoic acid, methv...	294	C19H34O2	002462-85-3	99
4		9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
5		Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	99



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Sample : J6481-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

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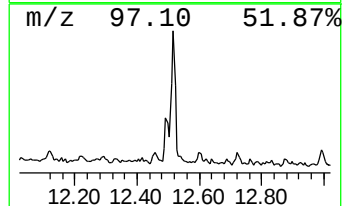
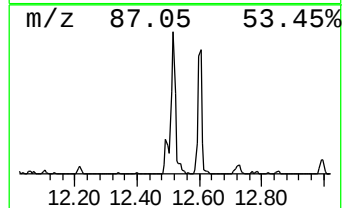
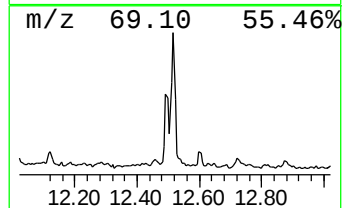
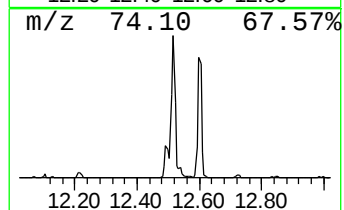
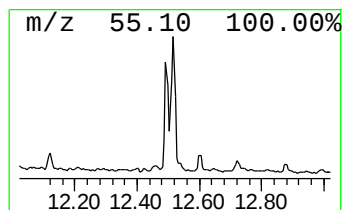
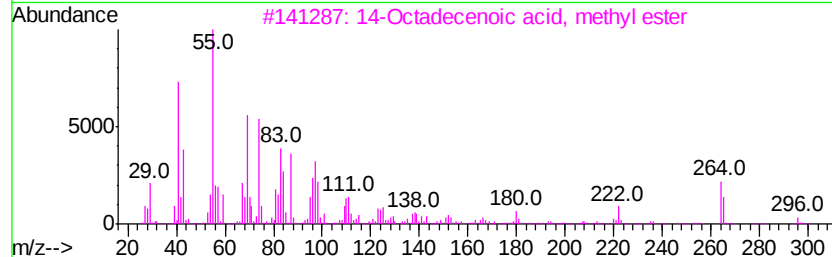
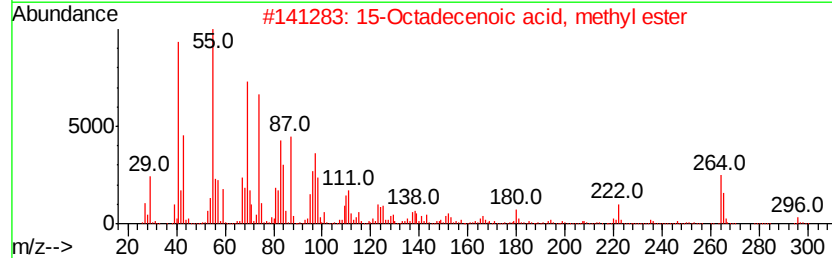
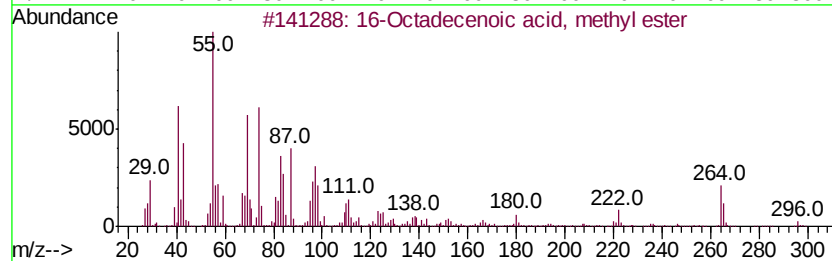
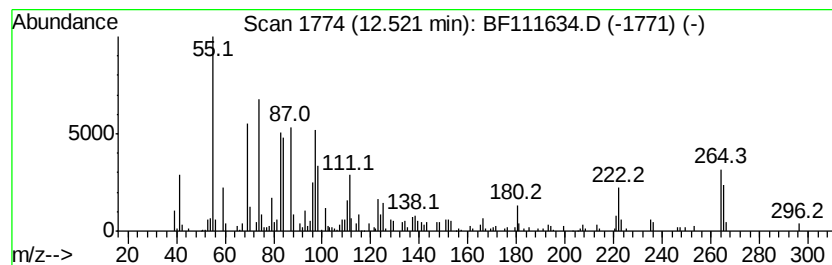
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 16-Octadecenoic acid, methyl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	10.74 ng	719631	Phenanthrene-d10	11.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
2		15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99
3		14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	98
4		9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	97
5		11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
Data File : BF111634.D
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Sample : J6481-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

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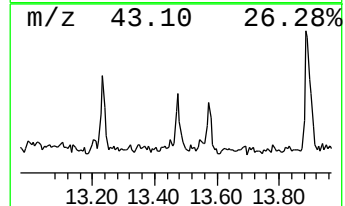
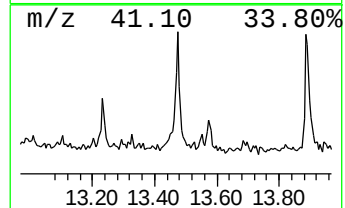
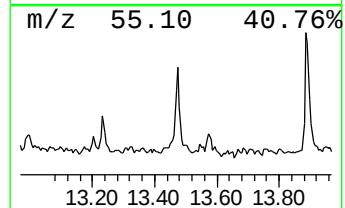
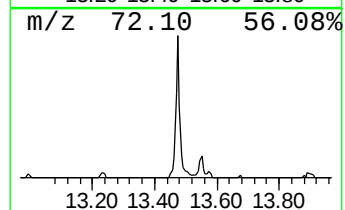
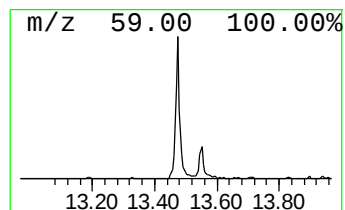
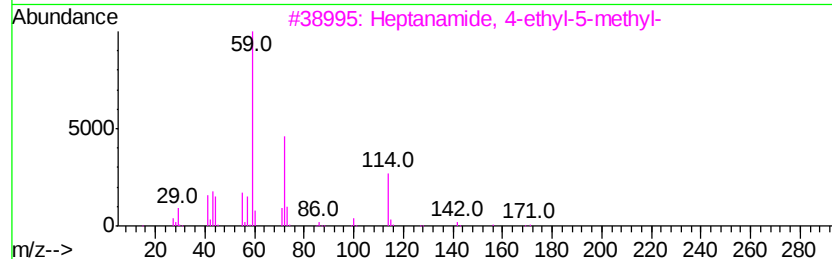
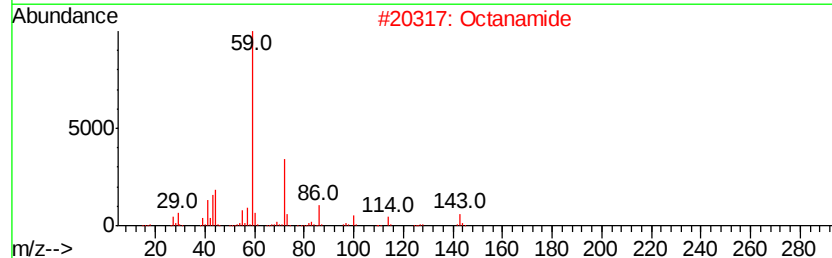
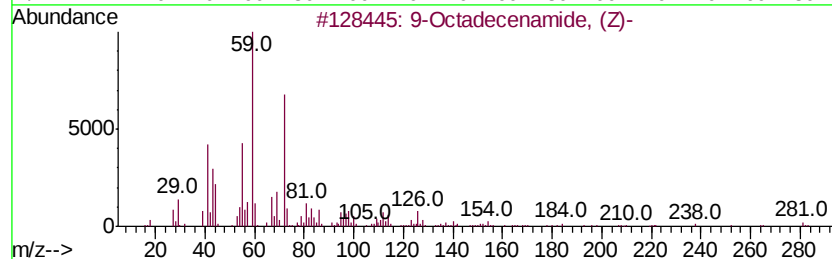
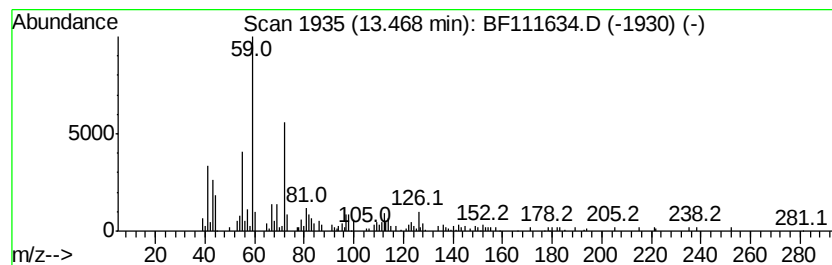
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 9-Octadecenamide, (Z)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	3.31 ng	181983	Chrysene-d12	14.04

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	96
2			Octanamide	143	C8H17NO	000629-01-6	72
3			Heptanamide, 4-ethyl-5-methyl-	171	C10H21NO	054789-40-1	72
4			7-Nonenamide	155	C9H17NO	090949-53-4	59
5			Decanamide-	171	C10H21NO	002319-29-1	53



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Sample : J6481-01
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ALS Vial : 7 Sample Multiplier: 1

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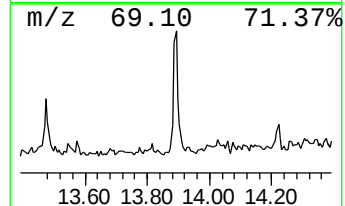
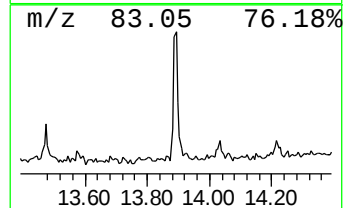
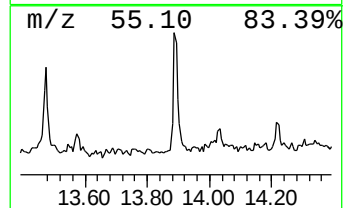
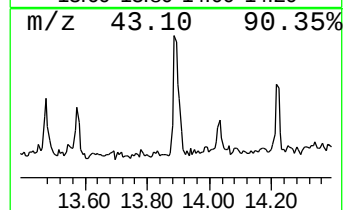
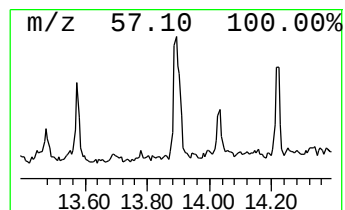
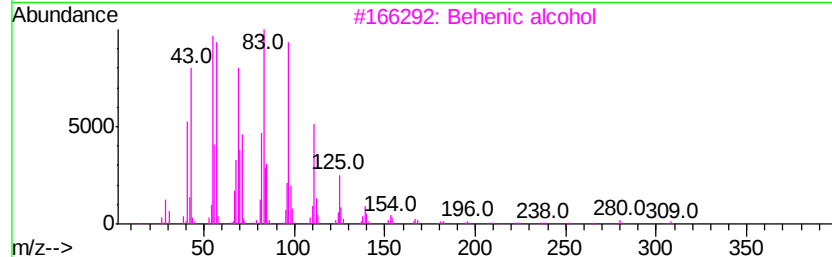
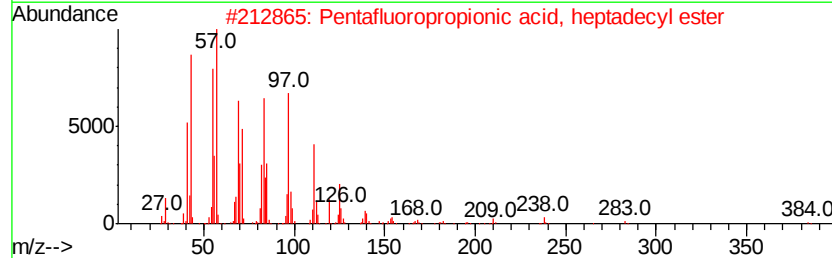
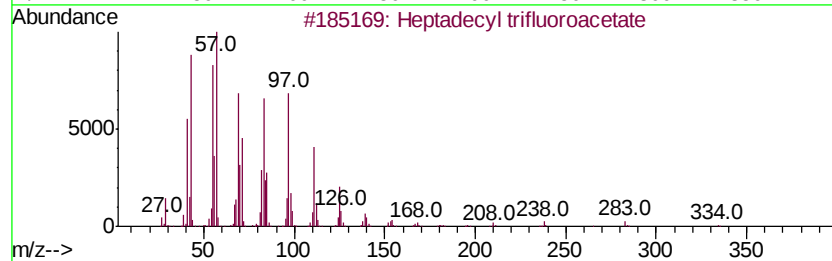
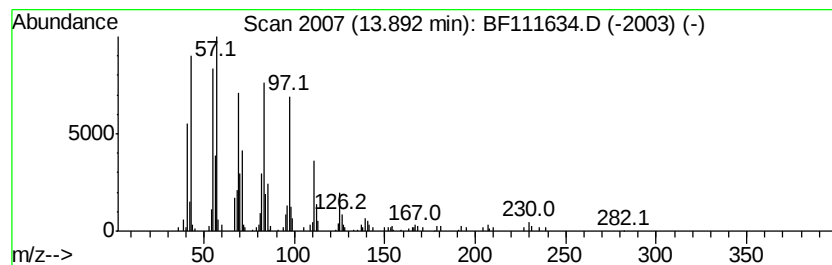
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Heptadecyl trifluoroacetate Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	4.14 ng	227533	Chrysene-d12	14.04

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	93
2			Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	93
3			Behenic alcohol	326	C22H46O	000661-19-8	93
4			Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93
5			Octacosanol	410	C28H58O	000557-61-9	93



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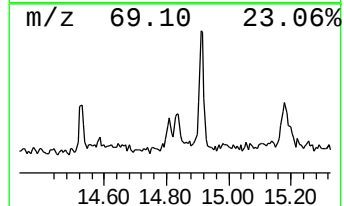
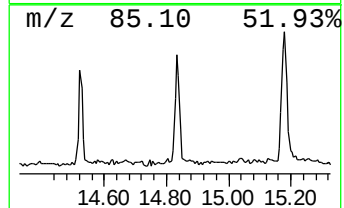
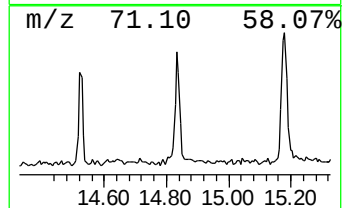
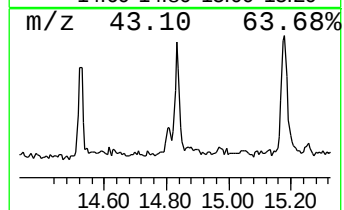
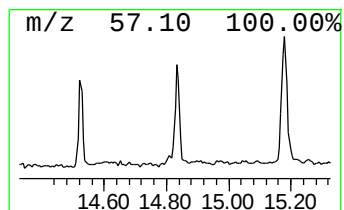
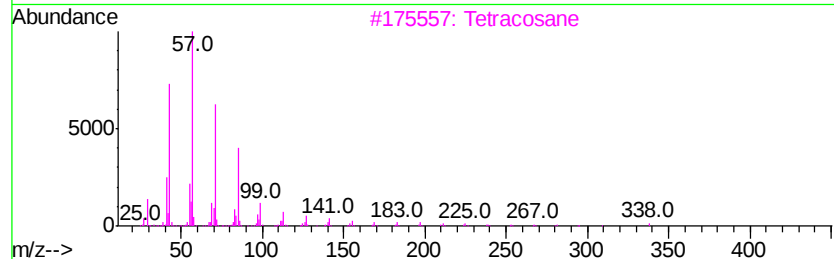
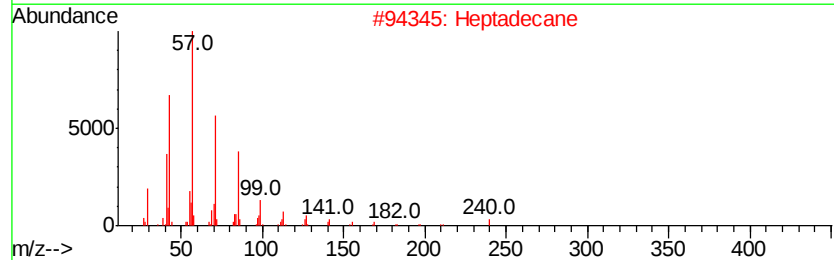
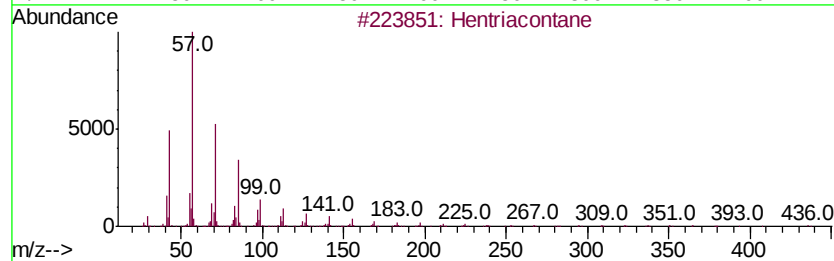
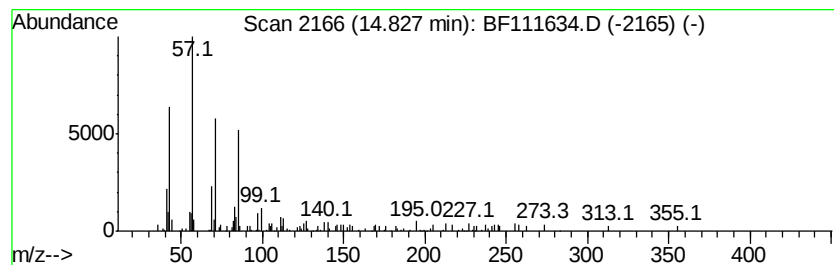
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Hentriacontane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	3.19 ng	166982	Perylene-d12	15.52

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hentriacontane	437	C31H64	000630-04-6	87
2			Heptadecane	240	C17H36	000629-78-7	87
3			Tetracosane	338	C24H50	000646-31-1	87
4			Tetracosane, 11-decyl-	479	C34H70	055429-84-0	86
5			Docosane	310	C22H46	000629-97-0	86



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Misc :
ALS Vial : 7 Sample Multiplier: 1

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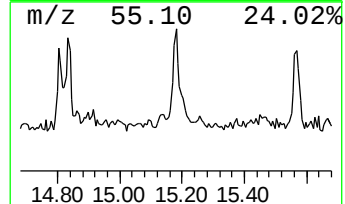
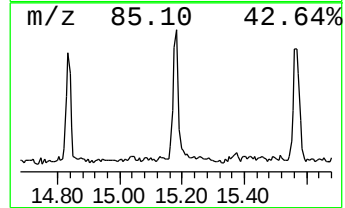
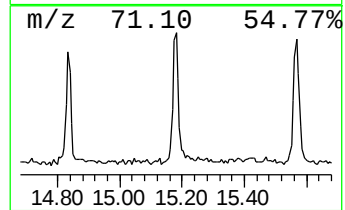
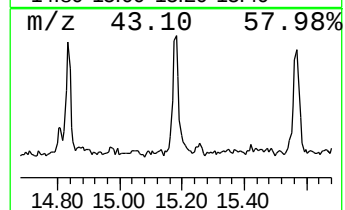
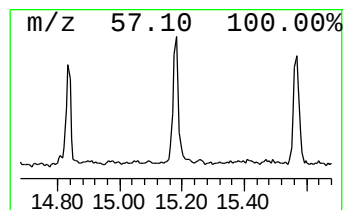
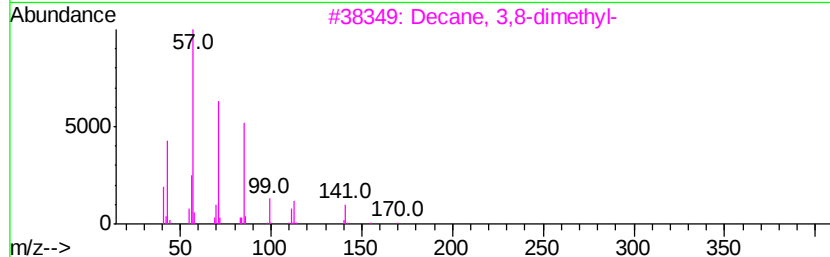
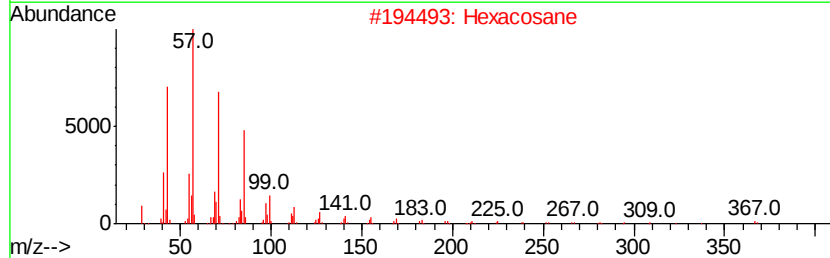
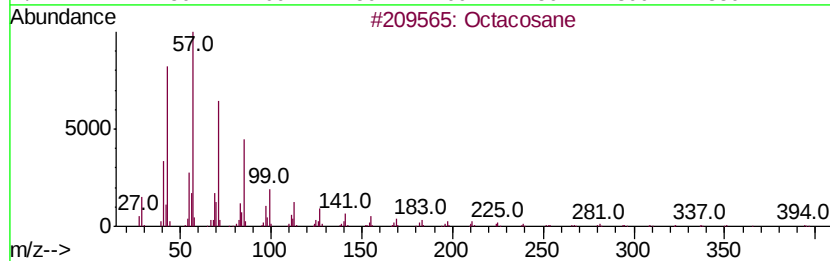
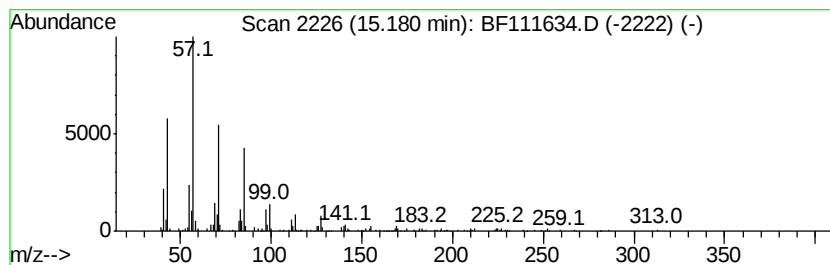
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Octacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.18	5.24 ng	274114	Perylene-d12	15.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	86
2		Hexacosane	366	C26H54	000630-01-3	81
3		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	81
4		Octadecane, 2-methyl-	268	C19H40	001560-88-9	80
5		Octadecane, 5,14-dibutyl-	366	C26H54	055282-13-8	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
Data File : BF111634.D
Acq On : 20 Dec 2018 12:49
Operator : JU/SJ
Sample : J6481-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VB-1

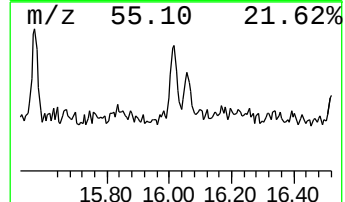
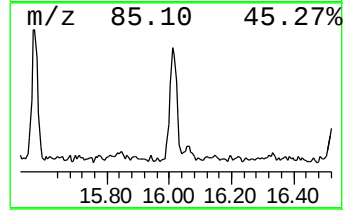
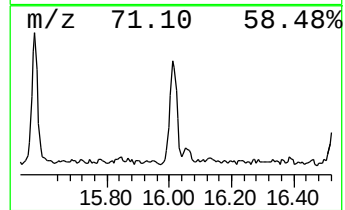
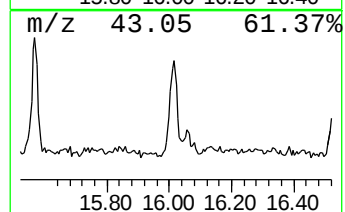
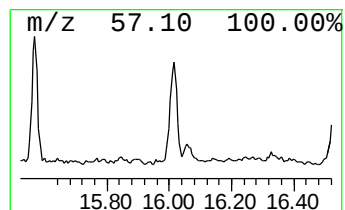
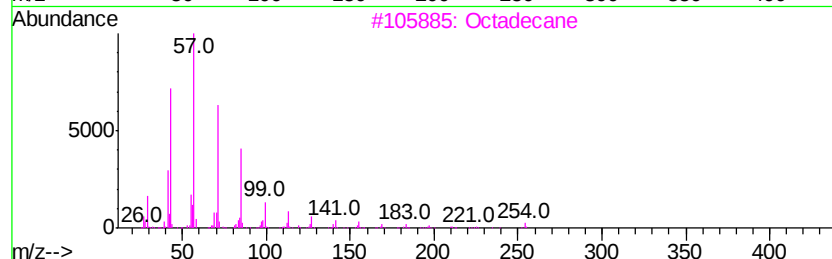
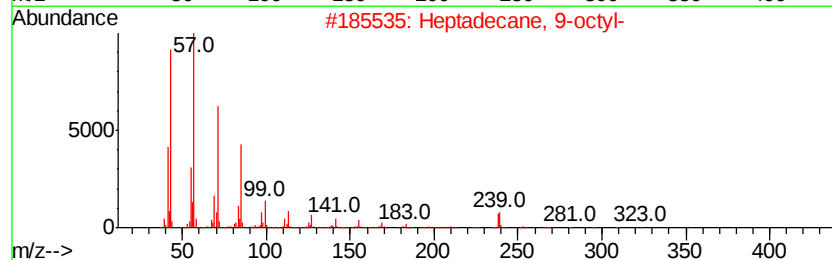
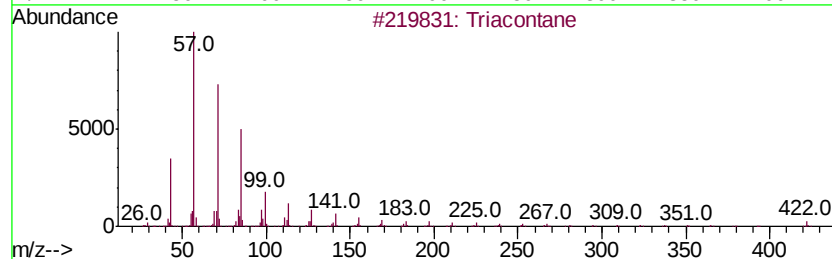
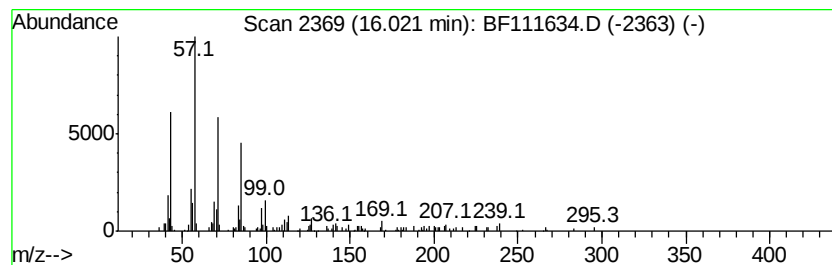
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Triacontane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.02	3.83 ng	200423	Perylene-d12	15.52

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Triacontane	422	C30H62	000638-68-6	90
2			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
3			Octadecane	254	C18H38	000593-45-3	87
4			Tetratetracontane	619	C44H90	007098-22-8	87
5			Pentacosane	352	C25H52	000629-99-2	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122018\
 Data File : BF111634.D
 Acq On : 20 Dec 2018 12:49
 Operator : JU/SJ
 Sample : J6481-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VB-1

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.12	5.2 ng		257280	1	6.90	995116	20.0
unknown6.66	6.66	76.4 ng		3800770	1	6.90	995116	20.0
Butoxyacetic acid	7.39	7.0 ng		349383	1	6.90	995116	20.0
2-(2-Butoxyethoxy...	9.15	20.9 ng		1490550	3	9.93	1423450	20.0
Tetradecane	9.34	4.0 ng		281660	3	9.93	1423450	20.0
Pentadecane	9.87	3.6 ng		257470	3	9.93	1423450	20.0
Hexadecane	10.37	3.9 ng		277151	3	9.93	1423450	20.0
Heptadecane	10.84	5.5 ng		366204	4	11.42	1340570	20.0
Octadecane	11.29	3.9 ng		258064	4	11.42	1340570	20.0
Heptacosane	11.71	3.0 ng		204289	4	11.42	1340570	20.0
Hexadecanoic acid...	11.81	5.0 ng		335621	4	11.42	1340570	20.0
n-Hexadecanoic acid	11.94	4.5 ng		303480	4	11.42	1340570	20.0
10,13-Octadecadie...	12.49	12.3 ng		826657	4	11.42	1340570	20.0
16-Octadecenoic a...	12.52	10.7 ng		719631	4	11.42	1340570	20.0
9-Octadecenamide,...	13.47	3.3 ng		181983	5	14.04	1100050	20.0
Heptadecyl triflu...	13.89	4.1 ng		227533	5	14.04	1100050	20.0
Hentriacontane	14.83	3.2 ng		166982	6	15.52	1045920	20.0
Octacosane	15.18	5.2 ng		274114	6	15.52	1045920	20.0
Triacontane	16.02	3.8 ng		200423	6	15.52	1045920	20.0