

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062619\
 Data File : BF115220.D
 Acq On : 26 Jun 2019 15:44
 Operator : HP/JU
 Sample : K3164-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BAT-B05

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-BF062119.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.454	423	428	433	rVB	126206	152079	2.67%	0.237%
2	5.213	551	557	560	rBV	4648626	4745175	83.19%	7.410%
3	5.890	669	672	675	rVB	138879	121226	2.13%	0.189%
4	6.254	728	734	736	rBV	4311686	4911405	86.11%	7.669%
5	6.278	736	738	744	rVB	135940	125044	2.19%	0.195%
6	6.378	750	755	758	rBV	5229842	5133239	90.00%	8.016%
7	6.607	791	794	798	rBV	1792881	1599278	28.04%	2.497%
8	6.695	803	809	814	rBV2	49972	57420	1.01%	0.090%
9	6.766	817	821	824	rBV	4601883	4116666	72.17%	6.428%
10	7.172	884	890	893	rBV	3492853	3203536	56.16%	5.002%
11	7.413	929	931	938	rVB2	102357	103328	1.81%	0.161%
12	7.637	965	969	972	rVB3	47567	57690	1.01%	0.090%
13	7.890	1008	1012	1015	rBV	2622160	2106554	36.93%	3.289%
14	8.201	1056	1065	1066	rBV6	41734	65728	1.15%	0.103%
15	8.284	1076	1079	1085	rVB4	40034	59201	1.04%	0.092%
16	8.337	1085	1088	1091	rBV	138621	145078	2.54%	0.227%
17	8.395	1095	1098	1102	rBV3	65886	69987	1.23%	0.109%
18	8.507	1114	1117	1121	rBV5	38451	70458	1.24%	0.110%
19	8.601	1129	1133	1137	rVB	164860	166580	2.92%	0.260%
20	8.695	1146	1149	1151	rBV	101047	90364	1.58%	0.141%
21	8.931	1187	1189	1191	rBV	147409	122631	2.15%	0.191%
22	8.966	1191	1195	1205	rVV	5853302	5703824	100.00%	8.906%
23	9.066	1207	1212	1216	rVV5	83134	142178	2.49%	0.222%
24	9.113	1218	1220	1223	rVB2	69579	67994	1.19%	0.106%
25	9.219	1235	1238	1243	rBV2	114244	168217	2.95%	0.263%
26	9.295	1246	1251	1254	rBV2	155563	218484	3.83%	0.341%
27	9.325	1254	1256	1258	rVV	145612	123591	2.17%	0.193%
28	9.360	1258	1262	1265	rVV	866952	802758	14.07%	1.253%
29	9.384	1265	1266	1269	rVV	274281	240778	4.22%	0.376%
30	9.413	1269	1271	1279	rVB5	100642	135094	2.37%	0.211%
31	9.495	1282	1285	1287	rBV4	59648	58242	1.02%	0.091%
32	9.560	1293	1296	1299	rVB2	78660	73351	1.29%	0.115%
33	9.636	1304	1309	1312	rBV	2642940	2409884	42.25%	3.763%
34	9.666	1312	1314	1319	rVB	286746	239041	4.19%	0.373%

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 Integrator: RTE
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 Min Area: 3 % of largest Peak
 Max Peaks: 100
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.742	1324	1327	1333	rVV2	69289	104357	1.83%	0.163%
36	9.836	1340	1343	1348	rVV2	181974	205219	3.60%	0.320%
37	9.878	1348	1350	1352	rVB	103293	75304	1.32%	0.118%
38	9.913	1354	1356	1360	rVB3	118189	109797	1.92%	0.171%
39	9.954	1360	1363	1365	rBV2	102275	102514	1.80%	0.160%
40	9.983	1365	1368	1370	rVB	97249	91663	1.61%	0.143%
41	10.042	1375	1378	1384	rBV6	64131	110352	1.93%	0.172%
42	10.178	1397	1401	1404	rBV	253275	227483	3.99%	0.355%
43	10.313	1419	1424	1426	rBV	286145	299947	5.26%	0.468%
44	10.419	1437	1442	1447	rBV	3683361	3685673	64.62%	5.755%
45	10.578	1466	1469	1472	rVB	506571	436411	7.65%	0.681%
46	10.754	1496	1499	1502	rBV2	104705	116888	2.05%	0.183%
47	10.972	1533	1536	1539	rBV4	48641	67432	1.18%	0.105%
48	11.007	1539	1542	1544	rVV2	91389	96361	1.69%	0.150%
49	11.036	1544	1547	1553	rVB	296238	304987	5.35%	0.476%
50	11.107	1555	1559	1561	rBV	2894007	2394316	41.98%	3.739%
51	11.130	1561	1563	1566	rVV	982591	744081	13.05%	1.162%
52	11.178	1568	1571	1575	rVB	647815	553124	9.70%	0.864%
53	11.336	1596	1598	1601	rBV3	70441	75057	1.32%	0.117%
54	11.430	1612	1614	1619	rVB3	82350	71995	1.26%	0.112%
55	11.607	1641	1644	1646	rBV	113323	87468	1.53%	0.137%
56	11.630	1646	1648	1650	rBV	159169	123310	2.16%	0.193%
57	11.660	1650	1653	1659	rVV2	1044263	995905	17.46%	1.555%
58	11.713	1659	1662	1665	rBV	261450	239100	4.19%	0.373%
59	11.836	1681	1683	1685	rBV2	82407	75722	1.33%	0.118%
60	11.901	1691	1694	1698	rBV2	113711	133610	2.34%	0.209%
61	12.307	1760	1763	1767	rBV	1424261	1225625	21.49%	1.914%
62	12.366	1770	1773	1780	rVB	362985	359447	6.30%	0.561%
63	12.442	1783	1786	1793	rBV2	641745	767218	13.45%	1.198%
64	12.530	1797	1801	1804	rVV2	1088609	1130389	19.82%	1.765%
65	12.689	1824	1828	1832	rBV	5242116	5297431	92.88%	8.272%
66	12.930	1866	1869	1871	rBV	147790	155607	2.73%	0.243%
67	13.289	1928	1930	1932	rVB	123592	91338	1.60%	0.143%
68	13.660	1990	1993	2000	rBV6	225440	512984	8.99%	0.801%
69	13.724	2000	2004	2007	rBV	2092641	2269006	39.78%	3.543%
70	13.930	2037	2039	2041	rBV	183218	131843	2.31%	0.206%
71	14.236	2088	2091	2094	rBV	336869	386881	6.78%	0.604%

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

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Peak separation: 5

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72	14.501	2133	2136	2138	rBV	642555	609911	10.69%	0.952%
73	14.530	2138	2141	2144	rVB2	426496	433292	7.60%	0.677%
74	15.095	2233	2237	2242	rVB	1271892	1536243	26.93%	2.399%

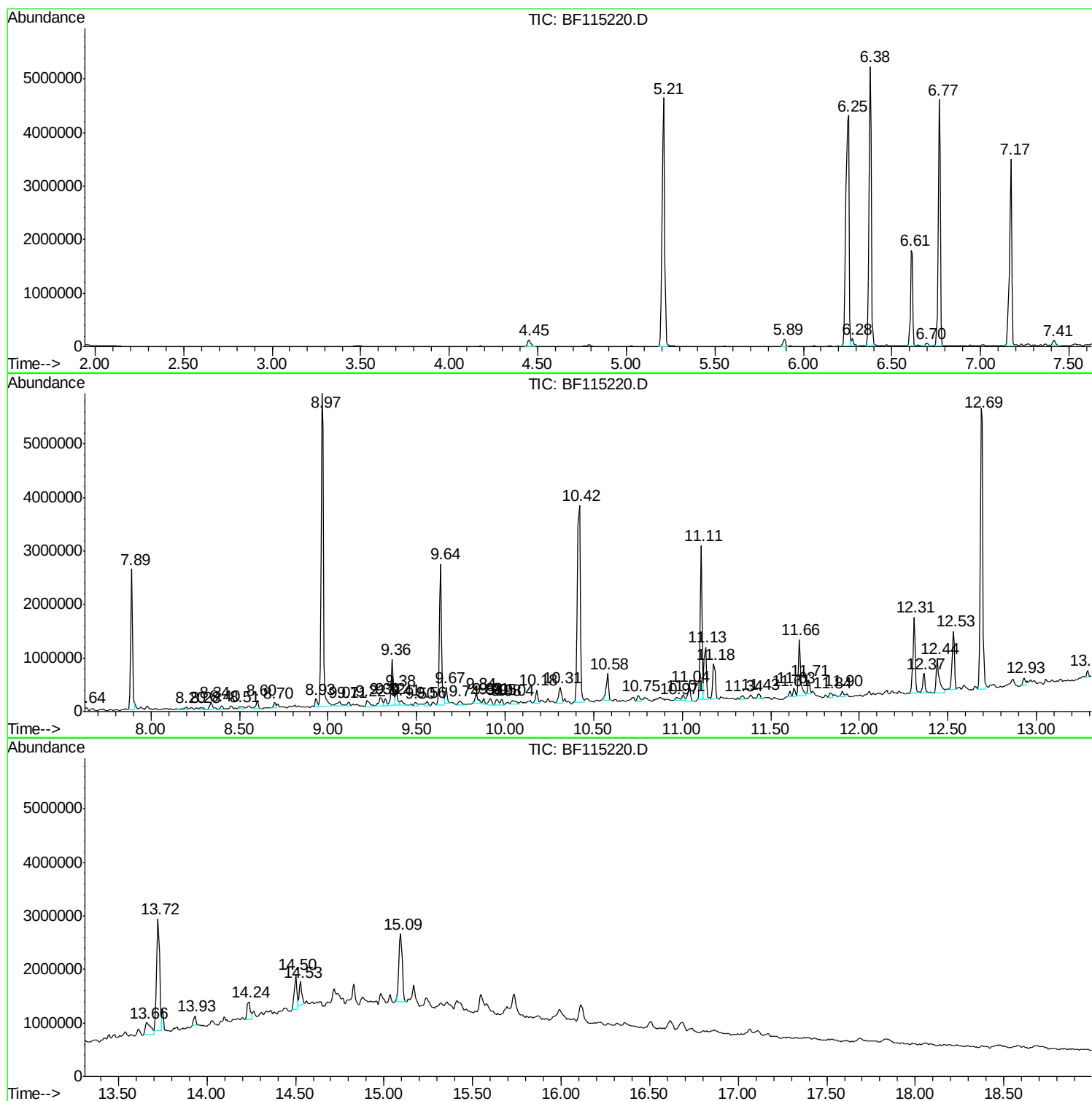
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Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062619\
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Sample : K3164-03
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ALS Vial : 14 Sample Multiplier: 1

Instrument :
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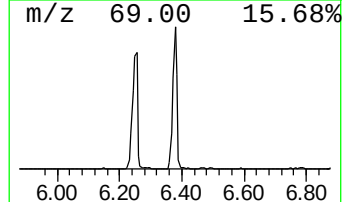
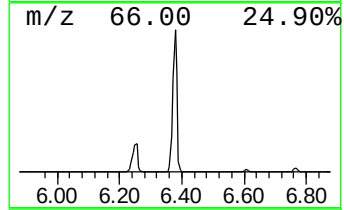
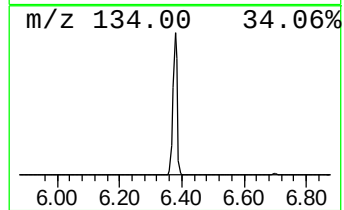
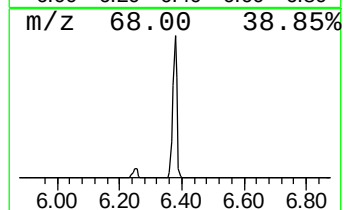
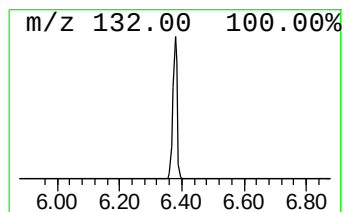
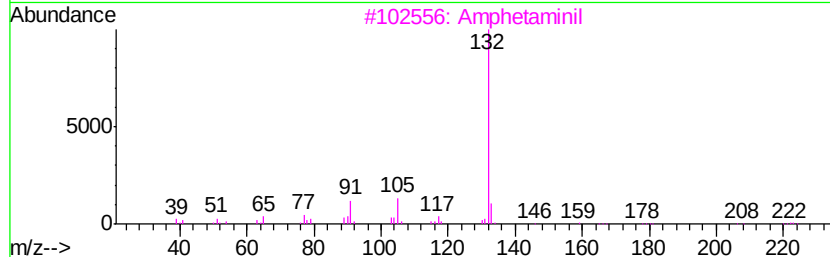
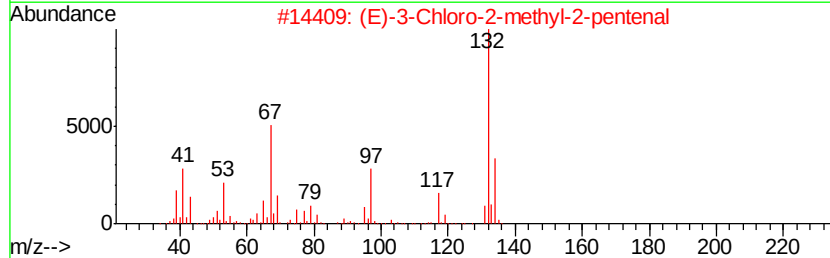
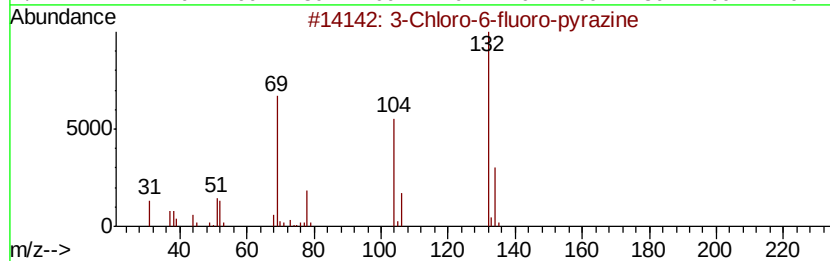
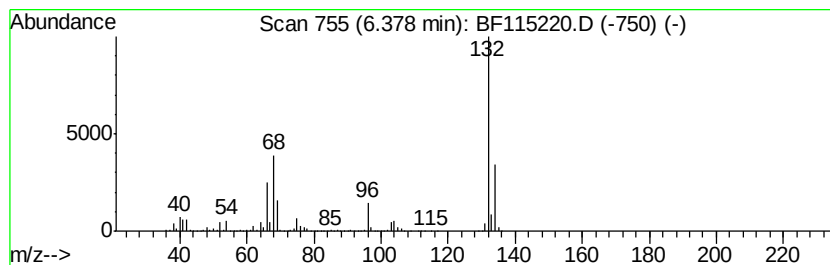
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.38 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.38	64.19 ng	5133240	1,4-Dichlorobenzene-d4	6.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3		Amphetaminil	250	C17H18N2	017590-01-1	12
4		5-Aminoindole	132	C8H8N2	005192-03-0	12
5		Tranlylcypromine-propionyl	189	C12H15NO	1000123-86-3	12



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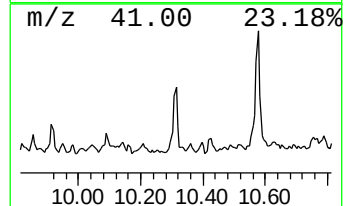
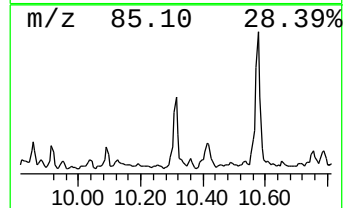
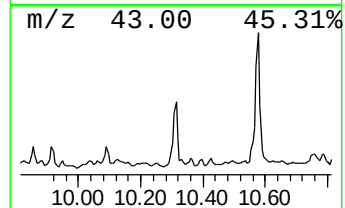
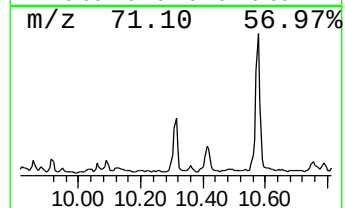
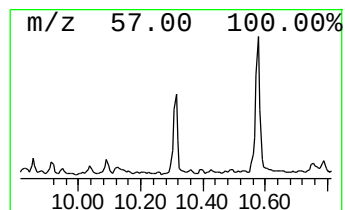
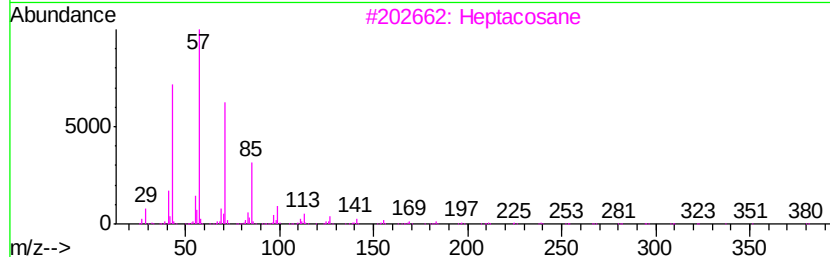
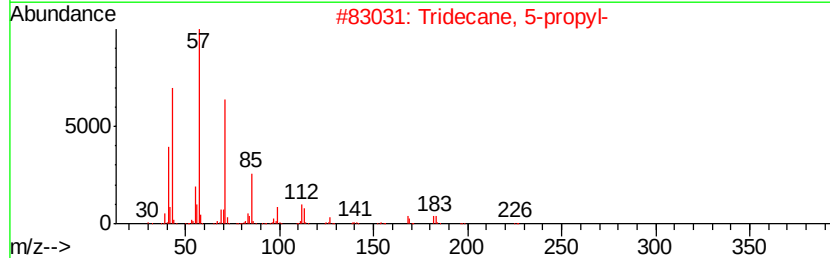
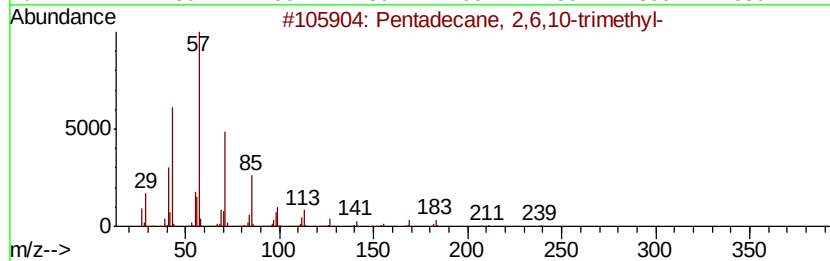
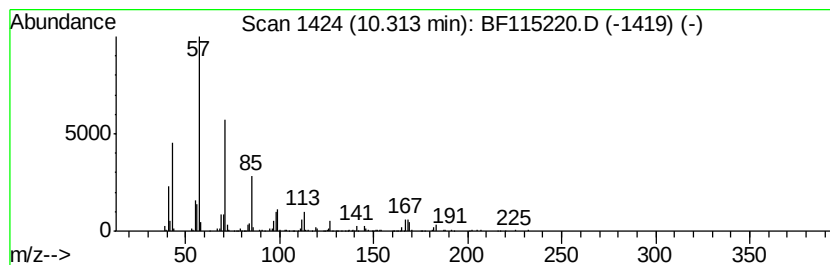
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Pentadecane, 2,6,10-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.31	2.49 ng	299947	Acenaphthene-d10	9.64
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pentadecane, 2,6,10-trimethyl-	254 C18H38	003892-00-0 87
2		Tridecane, 5-propyl-	226 C16H34	055045-11-9 86
3		Heptacosane	380 C27H56	000593-49-7 80
4		Hexadecane, 2,6,10,14-tetramethyl-	282 C20H42	000638-36-8 64
5		Hexadecane	226 C16H34	000544-76-3 64



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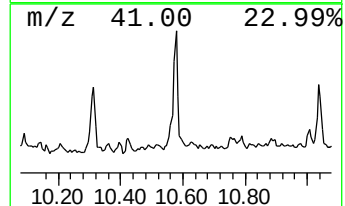
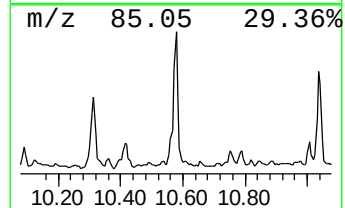
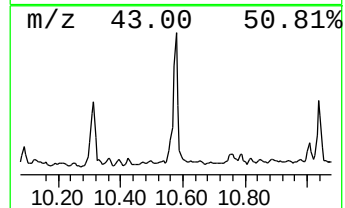
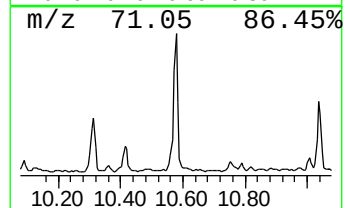
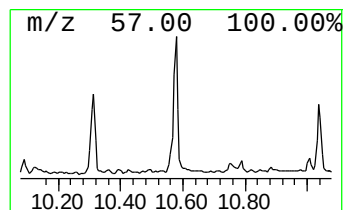
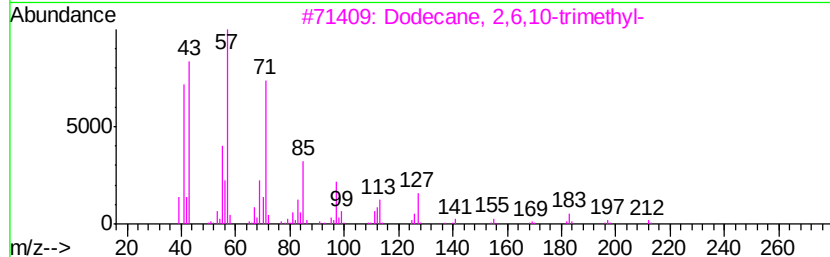
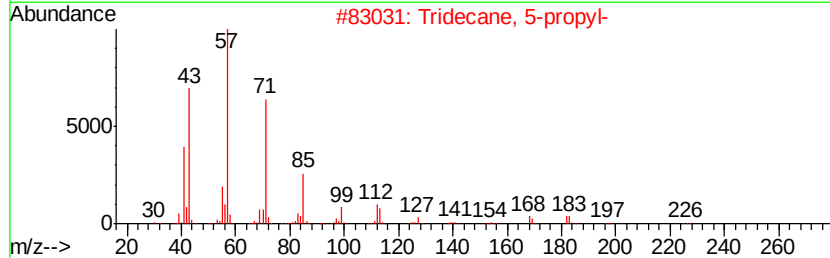
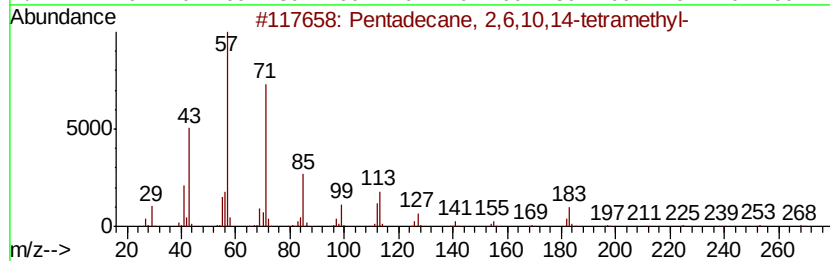
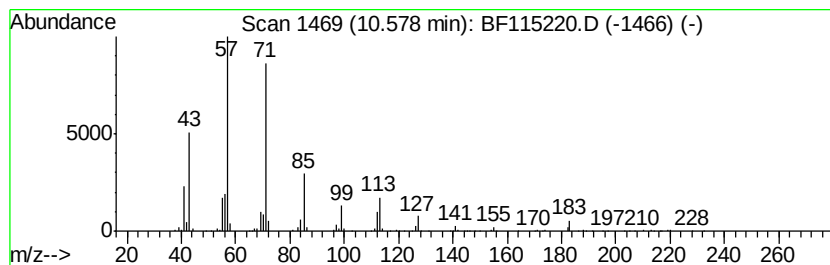
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Pentadecane, 2,6,10,14-tetr... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.58	3.65 ng	436411	Phenanthrene-d10	11.11

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	90
2		Tridecane, 5-propyl-	226	C16H34	055045-11-9	78
3		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	78
4		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
5		Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	72



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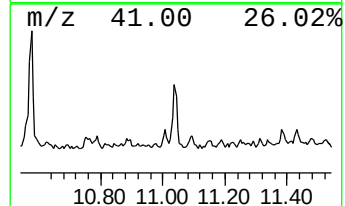
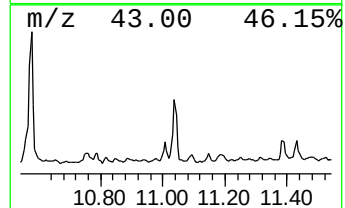
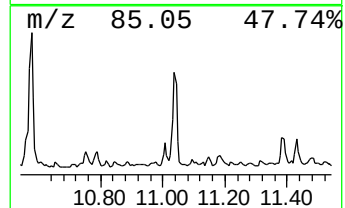
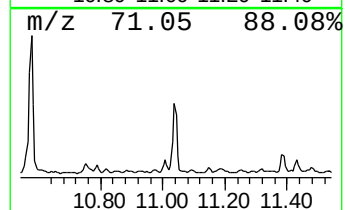
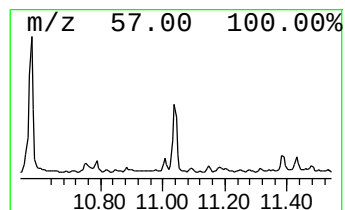
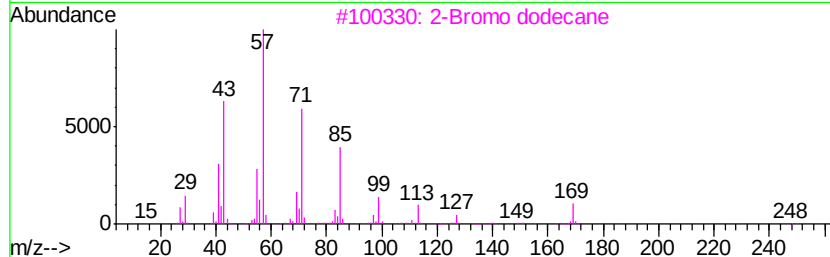
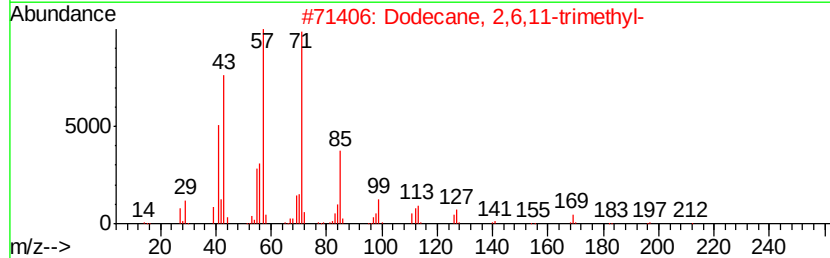
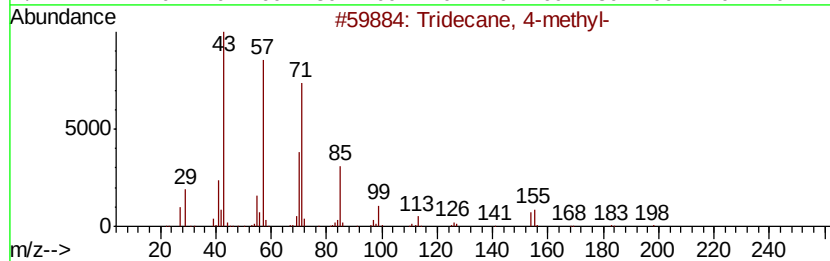
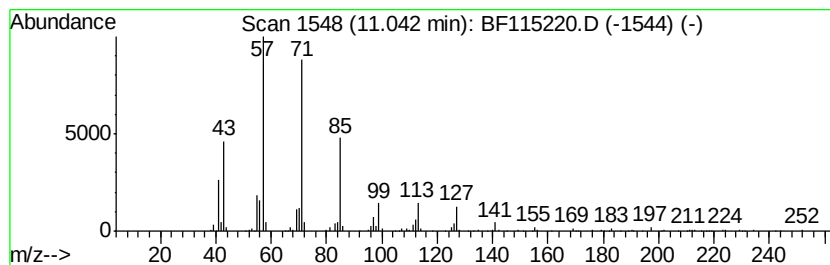
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Tridecane, 4-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.04	2.55 ng	304987	Phenanthrene-d10	11.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 4-methyl-	198	C14H30	026730-12-1	90
2		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
3		2-Bromo dodecane	248	C12H25Br	013187-99-0	86
4		Hexadecane	226	C16H34	000544-76-3	86
5		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062619\
Data File : BF115220.D
Acq On : 26 Jun 2019 15:44
Operator : HP/JU
Sample : K3164-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

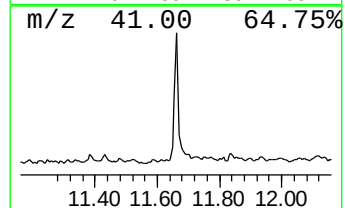
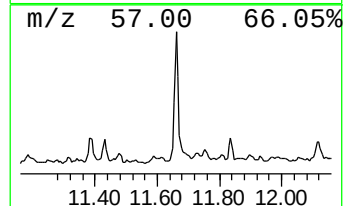
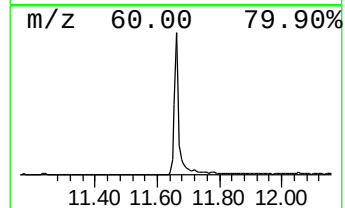
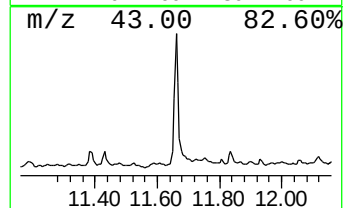
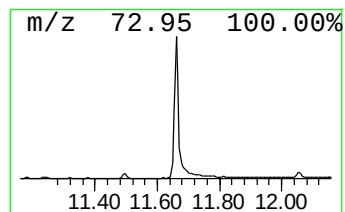
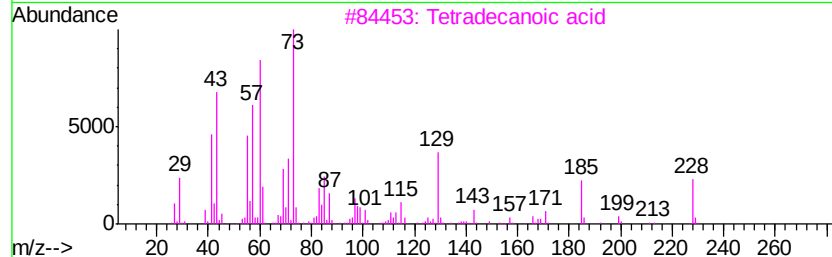
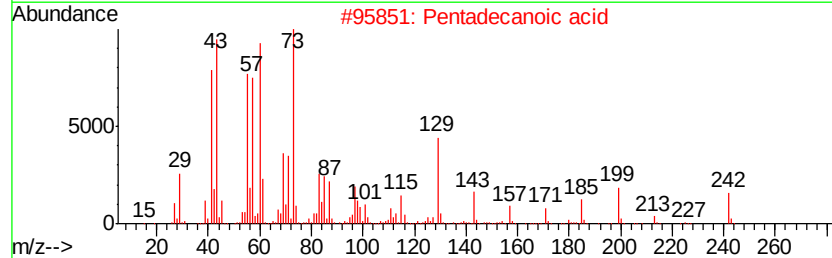
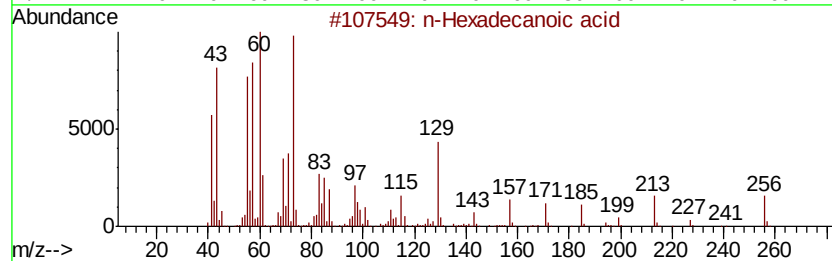
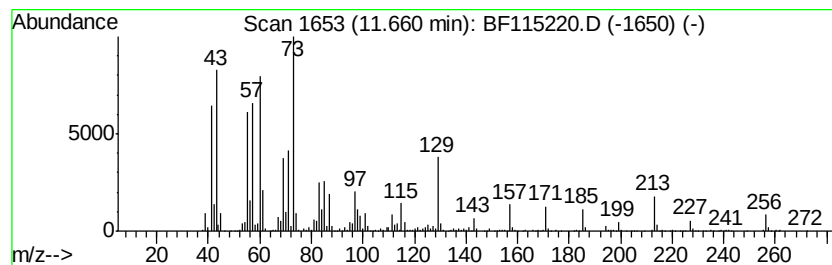
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.66	8.32 ng	995905	Phenanthrene-d10		11.11
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
4	n-Decanoic acid	172	C10H20O2	000334-48-5	81
5	Tridecanoic acid	214	C13H26O2	000638-53-9	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062619\
Data File : BF115220.D
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Sample : K3164-03
Misc :
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Instrument :
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ClientSampleId :
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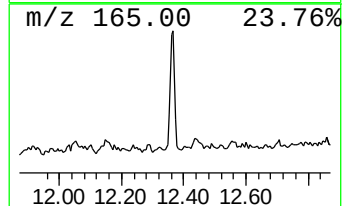
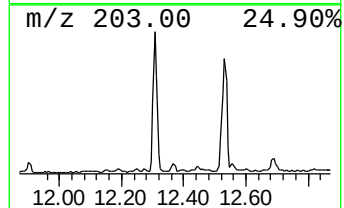
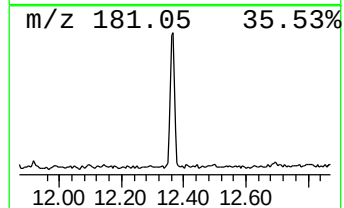
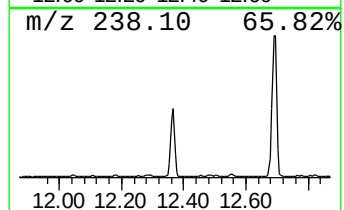
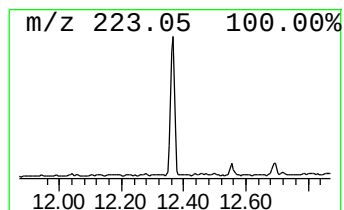
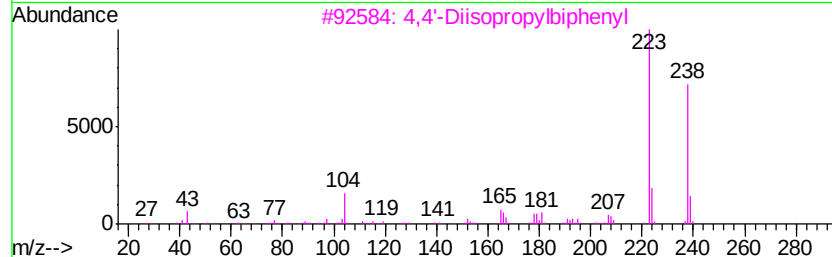
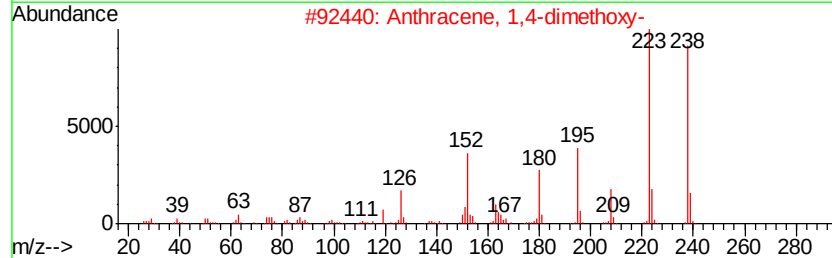
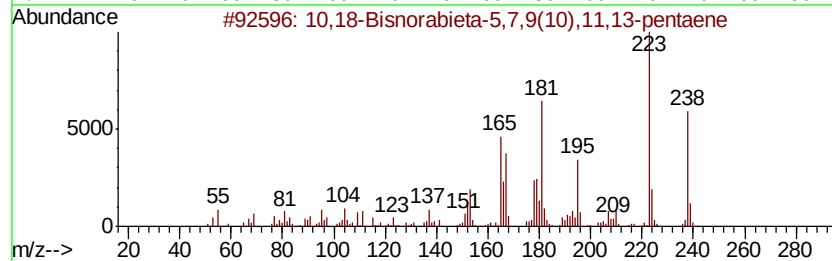
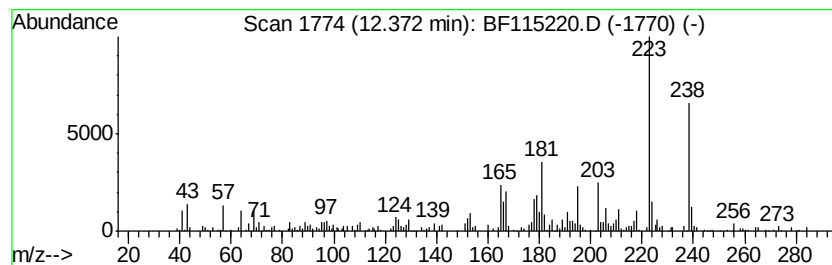
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	3.00 ng	359447	Phenanthrene-d10	11.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	99
2		Anthracene, 1,4-dimethoxy-	238	C16H14O2	013076-29-4	64
3		4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	53
4		9,10-Anthracenedione, 1-amino-	223	C14H9NO2	000082-45-1	50
5		3,3'-Diacetylbiphenyl	238	C16H14O2	094113-07-2	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062619\
Data File : BF115220.D
Acq On : 26 Jun 2019 15:44
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Sample : K3164-03
Misc :
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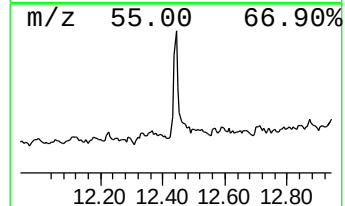
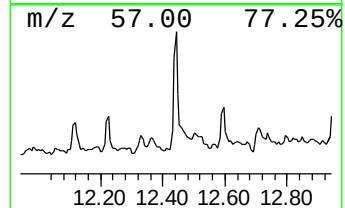
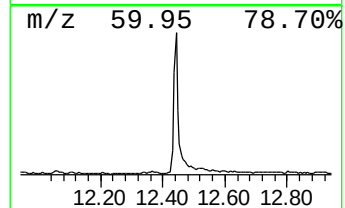
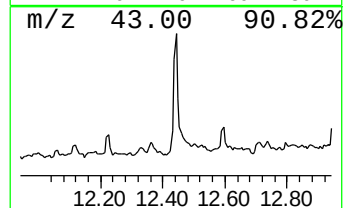
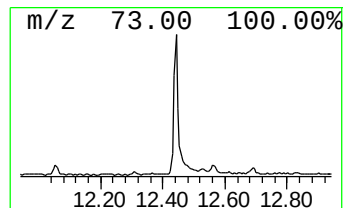
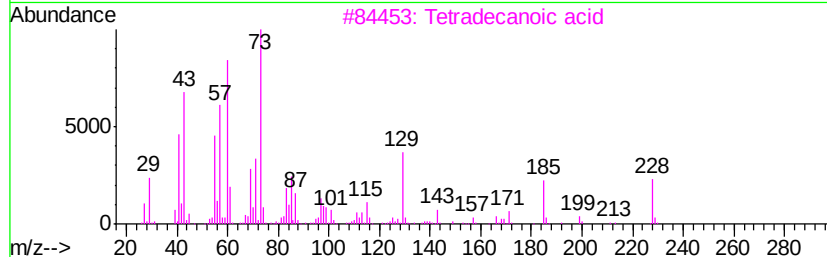
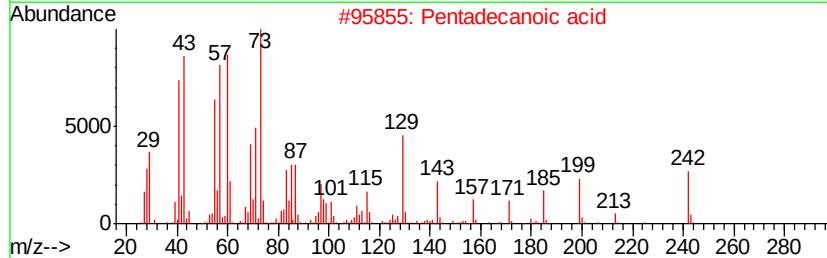
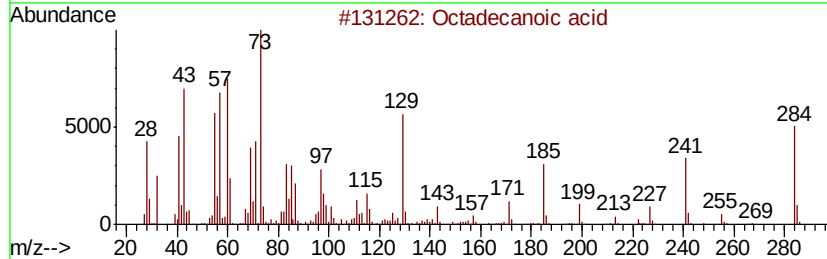
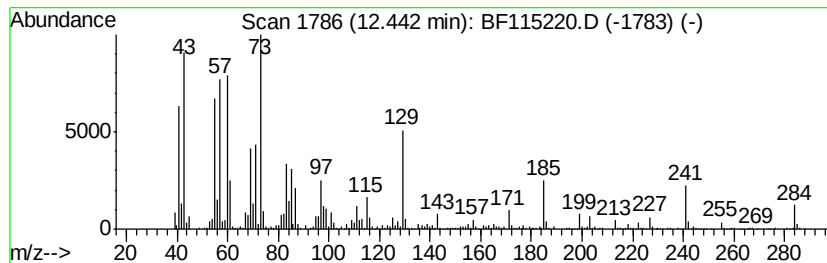
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	6.76 ng	767218	Chrysene-d12	13.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4		n-Decanoic acid	172	C10H20O2	000334-48-5	70
5		Tridecane, 2-methyl-	198	C14H30	001560-96-9	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062619\
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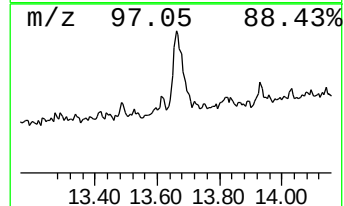
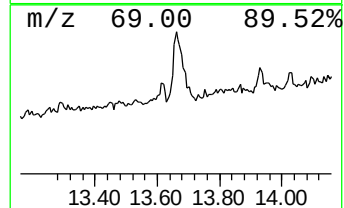
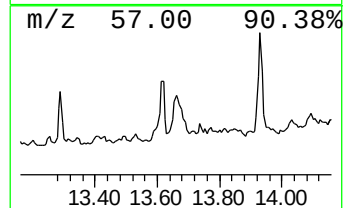
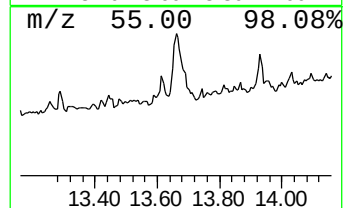
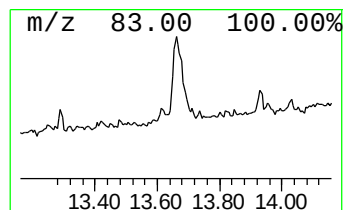
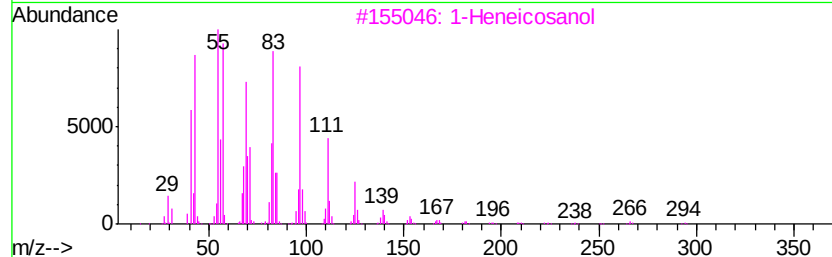
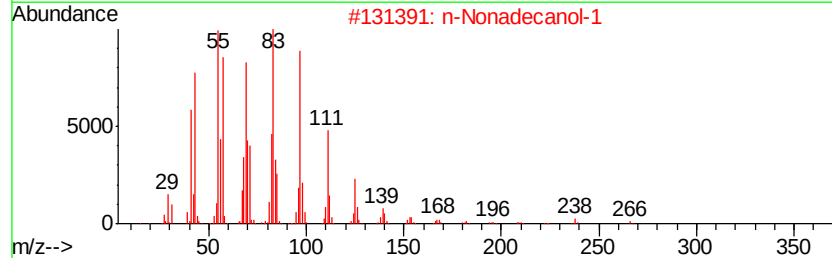
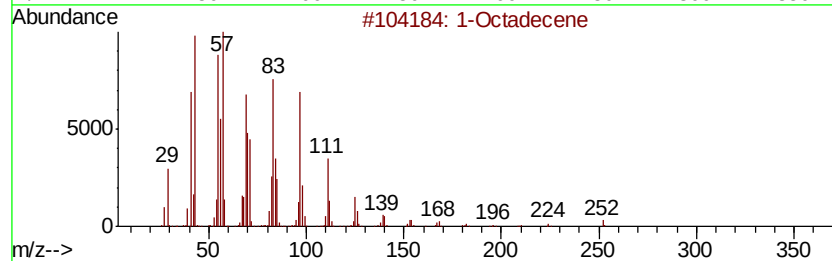
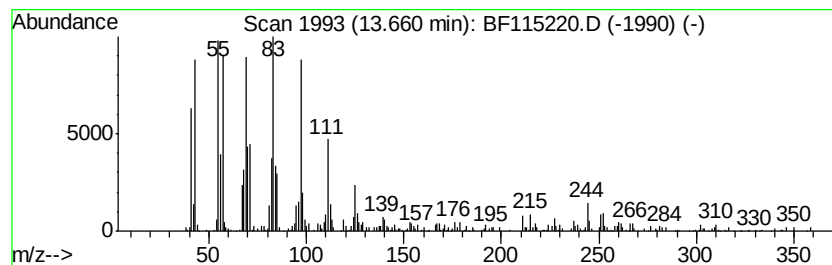
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 9 1-Octadecene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.66	4.52 ng	512984	Chrysene-d12	13.72	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	98
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
3	1-Heneicosanol	312	C21H44O	015594-90-8	95
4	1-Nonadecene	266	C19H38	018435-45-5	95
5	5-Octadecene, (E)-	252	C18H36	007206-21-5	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062619\
Data File : BF115220.D
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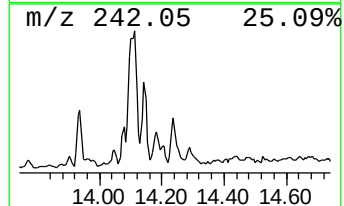
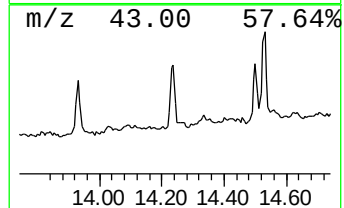
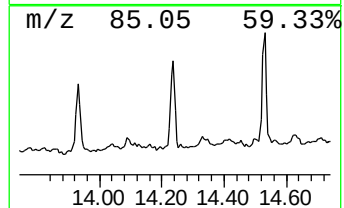
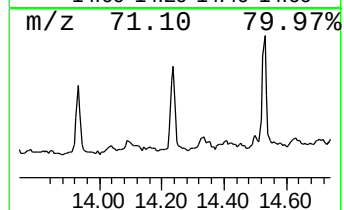
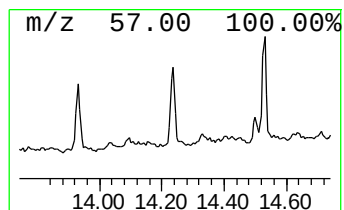
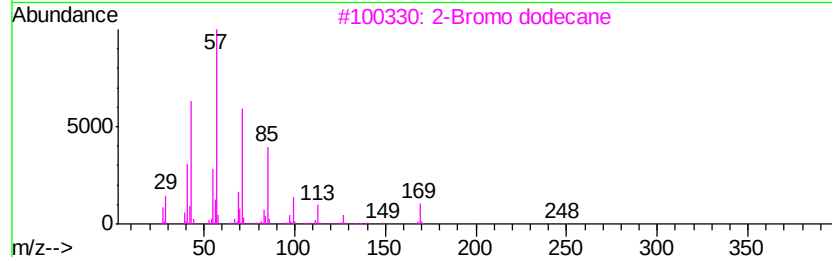
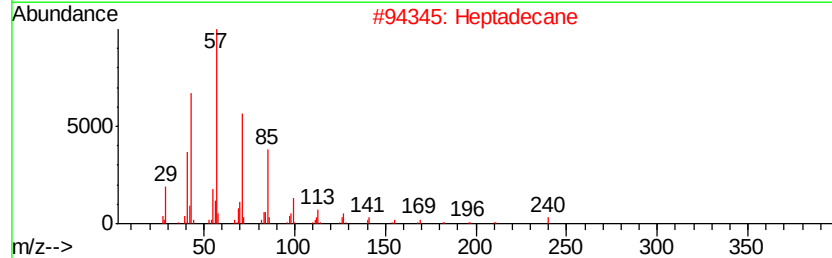
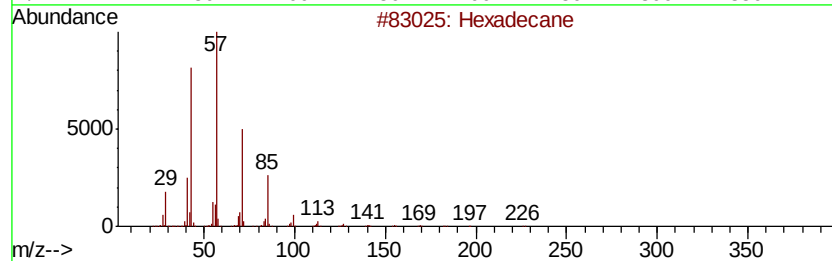
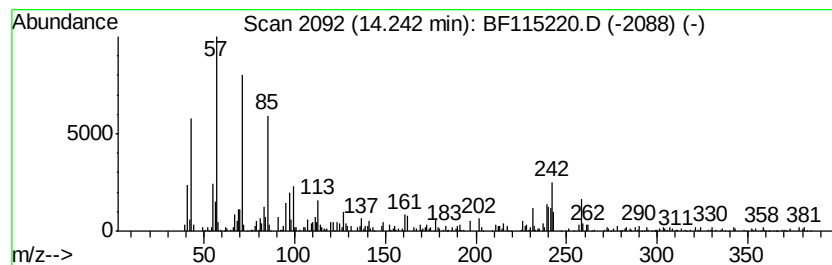
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.24	3.41 ng	386881	Chrysene-d12	13.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	95
2		Heptadecane	240	C17H36	000629-78-7	91
3		2-Bromo dodecane	248	C12H25Br	013187-99-0	90
4		Eicosane	282	C20H42	000112-95-8	90
5		Heneicosane	296	C21H44	000629-94-7	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062619\
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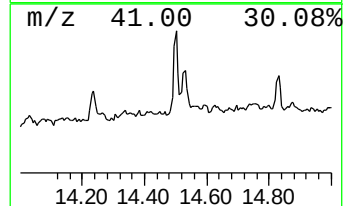
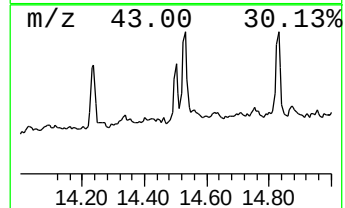
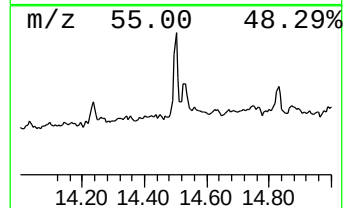
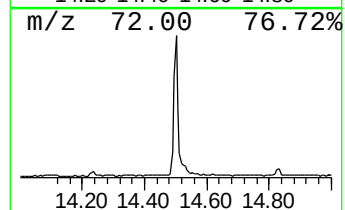
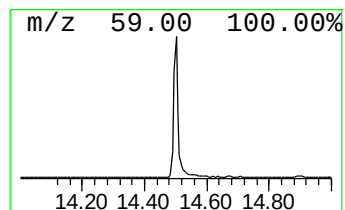
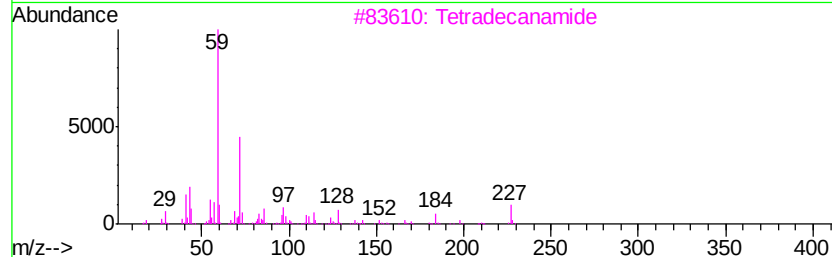
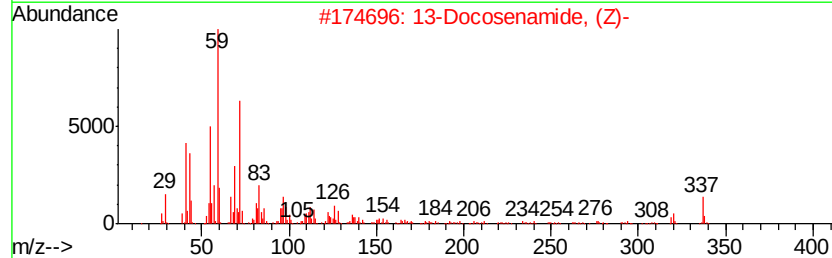
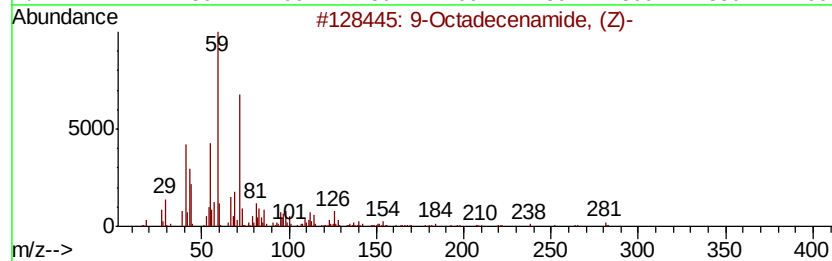
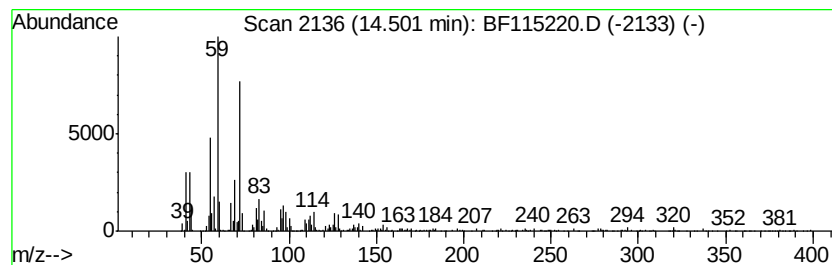
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 9-Octadecenamide, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	7.94 ng	609911	Perylene-d12	15.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	91
2		13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	64
3		Tetradecanamide	227	C14H29NO	000638-58-4	53
4		Pentanamide, 4-methyl-	115	C6H13NO	001119-29-5	43
5		2-Methyl-2-decanol	172	C11H24O	003396-02-9	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062619\
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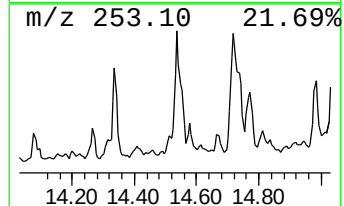
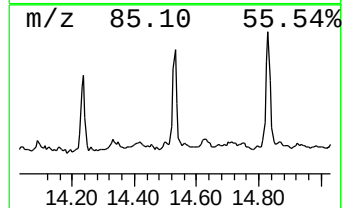
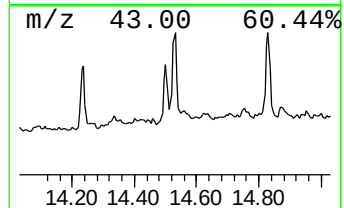
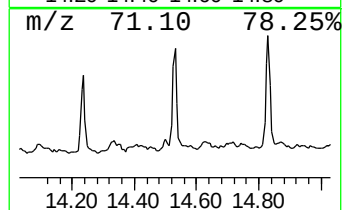
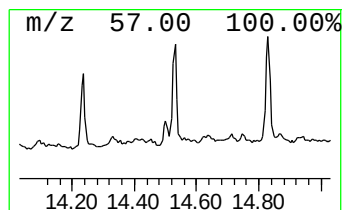
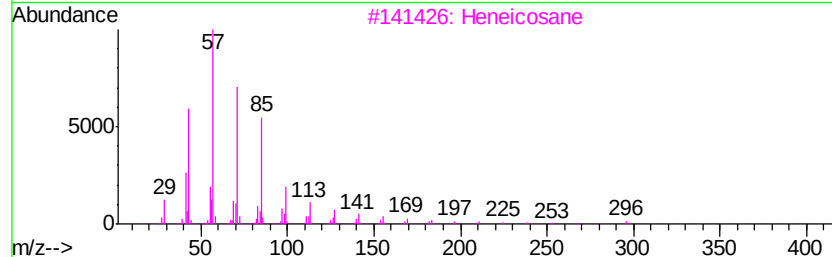
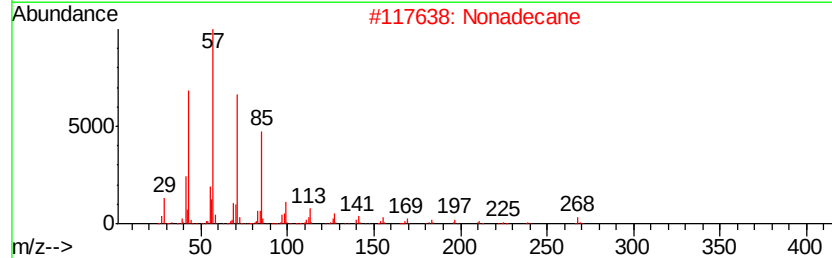
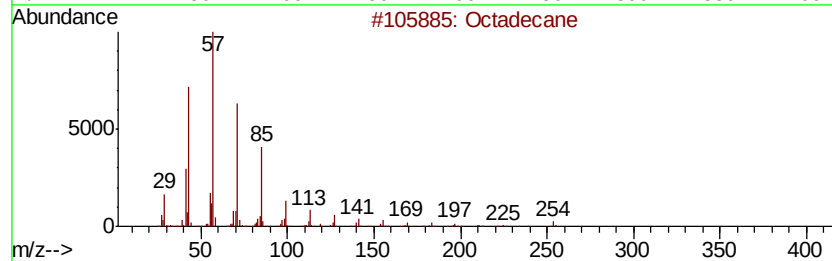
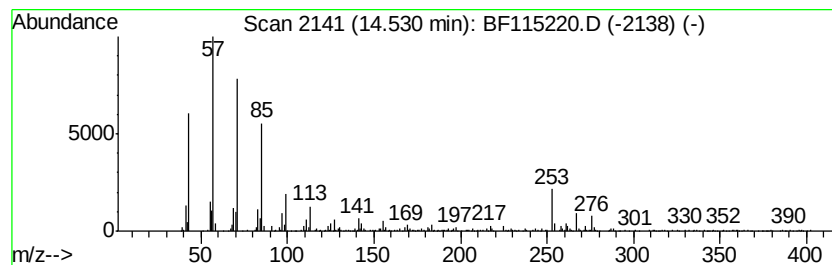
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Octadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.53	5.64 ng	433292	Perylene-d12	15.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	89
2		Nonadecane	268	C19H40	000629-92-5	70
3		Heneicosane	296	C21H44	000629-94-7	68
4		Eicosane	282	C20H42	000112-95-8	64
5		Tetracosane	338	C24H50	000646-31-1	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062619\
Data File : BF115220.D
Acq On : 26 Jun 2019 15:44
Operator : HP/JU
Sample : K3164-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BAT-B05

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.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
unknown6.38	6.38	64.2	ng	5133240	1	6.61	1599280	20.0
Pentadecane, 2,6,...	10.31	2.5	ng	299947	3	9.64	2409880	20.0
Pentadecane, 2,6,...	10.58	3.6	ng	436411	4	11.11	2394320	20.0
Tridecane, 4-methyl-	11.04	2.5	ng	304987	4	11.11	2394320	20.0
n-Hexadecanoic acid	11.66	8.3	ng	995905	4	11.11	2394320	20.0
10,18-Bisnorabiet...	12.37	3.0	ng	359447	4	11.11	2394320	20.0
Octadecanoic acid	12.44	6.8	ng	767218	5	13.72	2269010	20.0
1-Octadecene	13.66	4.5	ng	512984	5	13.72	2269010	20.0
Hexadecane	14.24	3.4	ng	386881	5	13.72	2269010	20.0
9-Octadecenamide,...	14.50	7.9	ng	609911	6	15.09	1536240	20.0
Octadecane	14.53	5.6	ng	433292	6	15.09	1536240	20.0