

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100818\
 Data File : BF109656.D
 Acq On : 8 Oct 2018 19:09
 Operator : JU/SJ
 Sample : J5270-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STOCK-PILE-A

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-BF100818.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	2.746	89	112	121	rVB	114906	293638	13.21%	0.422%
2	3.687	258	272	290	rBV2	116675	292921	13.18%	0.421%
3	4.893	473	477	483	rBV2	128529	213600	9.61%	0.307%
4	5.275	538	542	547	rVV	341719	496815	22.35%	0.714%
5	5.322	547	550	567	rVV	1512856	2039008	91.74%	2.930%
6	5.534	582	586	596	rVV2	455255	698452	31.43%	1.004%
7	5.610	596	599	611	rVB	192776	213760	9.62%	0.307%
8	5.851	637	640	645	rBV2	164436	209460	9.42%	0.301%
9	5.951	654	657	663	rVB2	192300	248772	11.19%	0.358%
10	6.222	701	703	707	rBV3	164044	211018	9.49%	0.303%
11	6.351	721	725	732	rBV	1553654	2152186	96.83%	3.093%
12	6.469	742	745	752	rBV	1835256	2119312	95.36%	3.046%
13	6.522	752	754	756	rVV	391802	356186	16.03%	0.512%
14	6.540	756	757	763	rVB	306193	274175	12.34%	0.394%
15	6.698	781	784	786	rVV	559722	564700	25.41%	0.812%
16	6.722	786	788	791	rVV2	317816	316208	14.23%	0.454%
17	6.757	791	794	795	rVV	222637	202118	9.09%	0.290%
18	6.775	795	797	803	rVV	261632	302719	13.62%	0.435%
19	6.851	807	810	825	rVB	1687775	1797782	80.89%	2.584%
20	7.263	877	880	884	rVV	1219473	1333315	59.99%	1.916%
21	7.304	884	887	890	rVV	518915	503517	22.66%	0.724%
22	7.975	997	1001	1003	rVV2	1258697	1316944	59.25%	1.893%
23	7.998	1003	1005	1009	rVV	861791	887843	39.95%	1.276%
24	8.051	1012	1014	1016	rVV	313394	245214	11.03%	0.352%
25	8.275	1044	1052	1055	rBV6	157379	218251	9.82%	0.314%
26	8.410	1070	1075	1079	rBV	554968	521738	23.47%	0.750%
27	8.581	1100	1104	1110	rBV	670312	666987	30.01%	0.959%
28	8.692	1116	1123	1130	rVV	960570	1117625	50.29%	1.606%
29	8.787	1135	1139	1143	rBV	813037	759868	34.19%	1.092%
30	9.004	1173	1176	1180	rVB2	350875	346919	15.61%	0.499%
31	9.051	1180	1184	1189	rBV	2386255	2222542	100.00%	3.194%
32	9.139	1194	1199	1206	rBV2	729818	869438	39.12%	1.250%
33	9.251	1215	1218	1222	rBV	160044	203331	9.15%	0.292%
34	9.316	1225	1229	1233	rVV	338259	497242	22.37%	0.715%

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35	9.386	1238	1241	1243	rVV	768155	760490	34.22%	1.093%
36	9.416	1243	1246	1248	rVV	577287	605067	27.22%	0.870%
37	9.463	1251	1254	1258	rVV	620365	750095	33.75%	1.078%
38	9.504	1258	1261	1270	rVV	366524	595958	26.81%	0.856%
39	9.669	1286	1289	1293	rBV	790819	616041	27.72%	0.885%
40	9.722	1293	1298	1301	rBV3	905233	1119254	50.36%	1.609%
41	9.757	1301	1304	1308	rVB5	205072	278536	12.53%	0.400%
42	9.834	1314	1317	1321	rBV2	158257	203394	9.15%	0.292%
43	9.886	1321	1326	1330	rBV3	152718	287323	12.93%	0.413%
44	9.928	1330	1333	1337	rVV	515193	546185	24.57%	0.785%
45	9.969	1337	1340	1342	rVV	216363	234851	10.57%	0.338%
46	9.992	1342	1344	1348	rVB3	236542	217380	9.78%	0.312%
47	10.134	1364	1368	1370	rBV2	313063	387327	17.43%	0.557%
48	10.163	1370	1373	1376	rVB2	850378	740788	33.33%	1.065%
49	10.216	1379	1382	1388	rVB3	159961	203597	9.16%	0.293%
50	10.263	1388	1390	1393	rBV2	399433	391691	17.62%	0.563%
51	10.386	1407	1411	1415	rVB	436677	410224	18.46%	0.590%
52	10.428	1415	1418	1422	rVB2	317411	353895	15.92%	0.509%
53	10.510	1427	1432	1437	rBV2	1081249	1335712	60.10%	1.920%
54	10.633	1450	1453	1455	rBV2	1640871	1726497	77.68%	2.481%
55	10.651	1455	1456	1460	rVB	1417749	921925	41.48%	1.325%
56	10.951	1503	1507	1509	rBV2	206469	298636	13.44%	0.429%
57	10.980	1509	1512	1515	rVV	491464	525573	23.65%	0.755%
58	11.057	1522	1525	1527	rVV3	165396	225051	10.13%	0.323%
59	11.081	1527	1529	1532	rVV	895492	814360	36.64%	1.170%
60	11.110	1532	1534	1540	rVB	522805	576381	25.93%	0.828%
61	11.204	1547	1550	1552	rBV	721659	679907	30.59%	0.977%
62	11.228	1552	1554	1557	rVB	626725	530238	23.86%	0.762%
63	11.504	1598	1601	1605	rVV	892511	864849	38.91%	1.243%
64	11.733	1637	1640	1641	rVV	310980	307317	13.83%	0.442%
65	11.757	1641	1644	1649	rVB2	958814	1056195	47.52%	1.518%
66	11.810	1650	1653	1656	rBV	299763	367807	16.55%	0.529%
67	11.916	1667	1671	1673	rBV	969539	879896	39.59%	1.265%
68	12.192	1714	1718	1724	rVB3	185541	343943	15.48%	0.494%
69	12.251	1725	1728	1731	rBV	312992	314894	14.17%	0.453%
70	12.298	1731	1736	1740	rVB2	1187692	1244380	55.99%	1.788%
71	12.410	1752	1755	1758	rBV2	394987	389901	17.54%	0.560%

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72	12.539	1770	1777	1785	rBV	1480431	2169567	97.62%	3.118%
73	12.639	1791	1794	1796	rVB	305382	251120	11.30%	0.361%
74	12.669	1796	1799	1802	rVB	1139786	957215	43.07%	1.376%
75	12.780	1815	1818	1826	rVB	1479223	1606197	72.27%	2.308%
76	13.022	1856	1859	1863	rVB	1121315	1086537	48.89%	1.562%
77	13.063	1863	1866	1872	rBV4	185239	267222	12.02%	0.384%
78	13.363	1914	1917	1920	rBV	1202275	1083452	48.75%	1.557%
79	13.474	1934	1936	1942	rVB3	198378	237447	10.68%	0.341%
80	13.639	1961	1964	1967	rBV	566242	554086	24.93%	0.796%
81	13.692	1970	1973	1979	rVB	1276237	1254512	56.44%	1.803%
82	13.833	1993	1997	2000	rBV2	566296	744202	33.48%	1.070%
83	13.963	2016	2019	2022	rBV	601813	544934	24.52%	0.783%
84	14.004	2022	2026	2029	rVV	1910997	1838352	82.71%	2.642%
85	14.027	2029	2030	2033	rVV2	355219	332522	14.96%	0.478%
86	14.051	2033	2034	2039	rVB	351323	276104	12.42%	0.397%
87	14.310	2074	2078	2081	rBV	1100111	1039538	46.77%	1.494%
88	14.345	2081	2084	2090	rVB3	284045	353607	15.91%	0.508%
89	14.604	2124	2128	2131	rBV	841551	888356	39.97%	1.277%
90	14.916	2177	2181	2185	rVB	775649	861635	38.77%	1.238%
91	15.233	2232	2235	2237	rBV	321435	395022	17.77%	0.568%
92	15.263	2237	2240	2249	rVB	652350	871495	39.21%	1.252%
93	15.657	2303	2307	2312	rBV	507860	709368	31.92%	1.019%
94	15.857	2337	2341	2351	rVB5	497368	1102210	49.59%	1.584%
95	16.086	2376	2380	2382	rBV2	171085	284433	12.80%	0.409%
96	16.115	2382	2385	2392	rVB	362330	594714	26.76%	0.855%
97	16.504	2445	2451	2456	rBV	486263	872307	39.25%	1.254%
98	16.610	2466	2469	2473	rBV	220711	322465	14.51%	0.463%
99	17.286	2579	2584	2591	rVB4	243448	576424	25.94%	0.828%
100	18.980	2864	2872	2882	rVB7	216293	688387	30.97%	0.989%

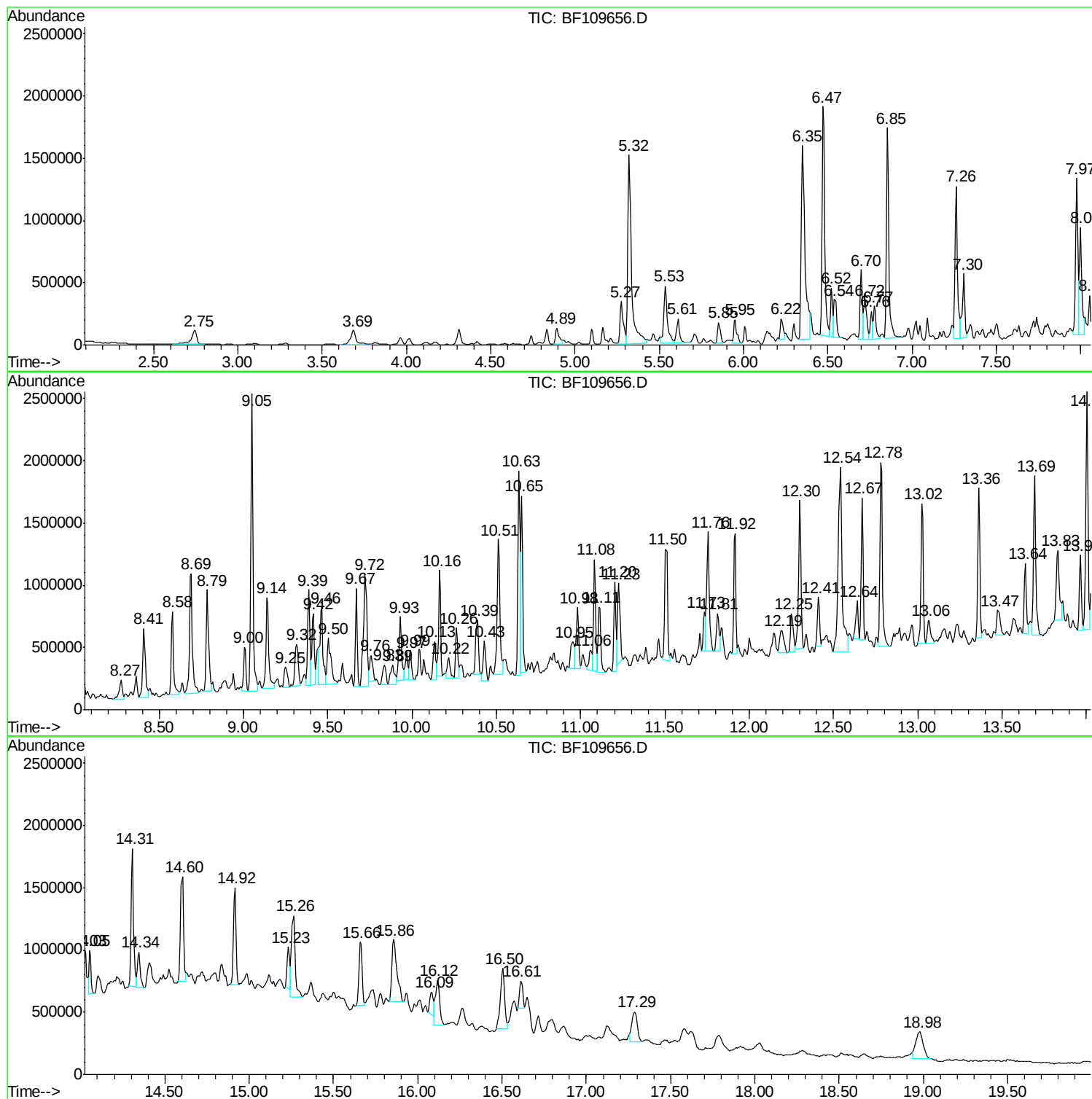
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Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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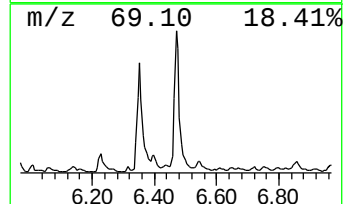
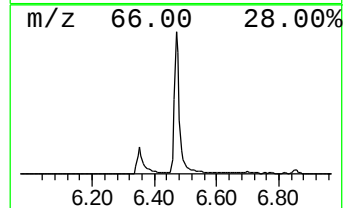
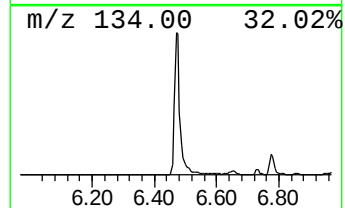
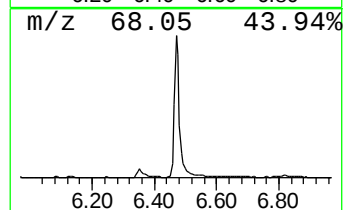
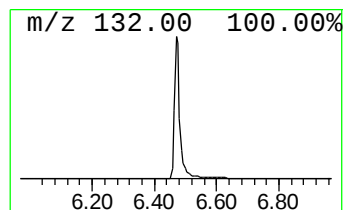
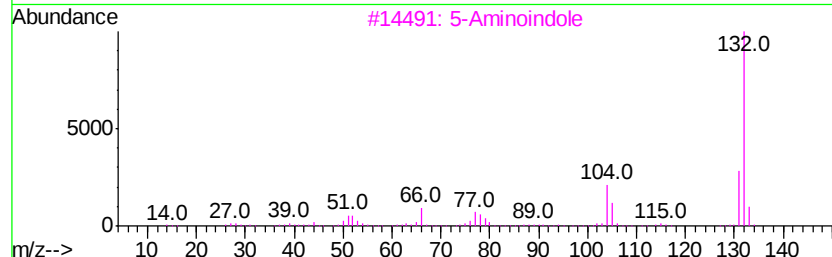
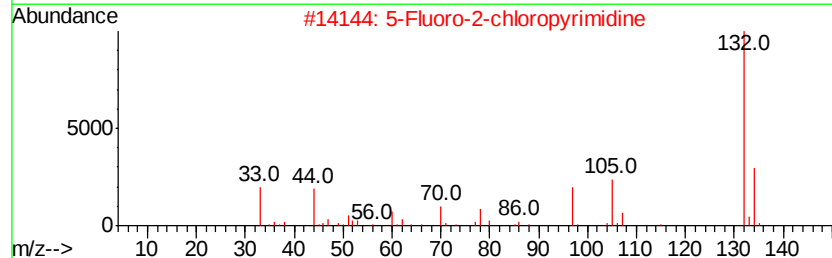
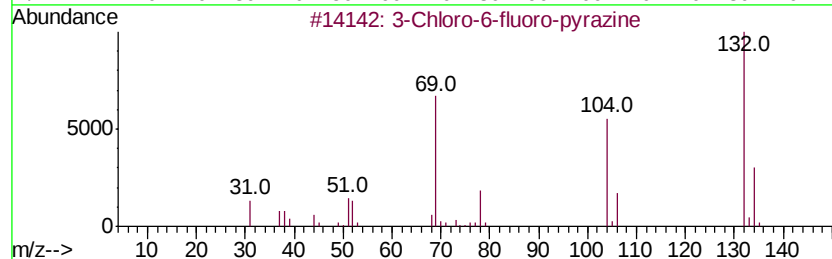
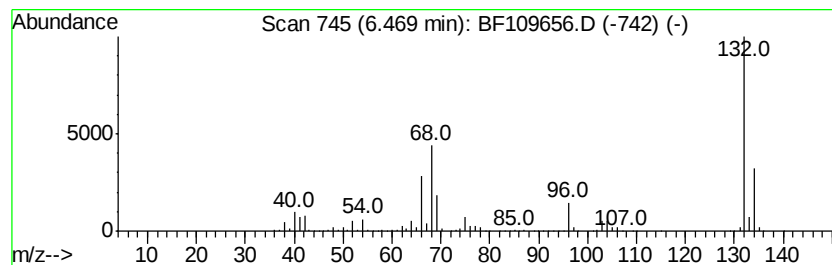
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.47 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	75.06 ng	2119310	1,4-Dichlorobenzene-d4	6.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25	
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12	
3	5-Aminoindole	132	C8H8N2	005192-03-0	12	
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10	
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9	



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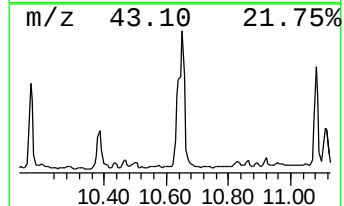
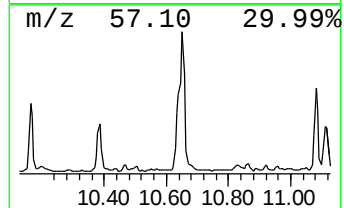
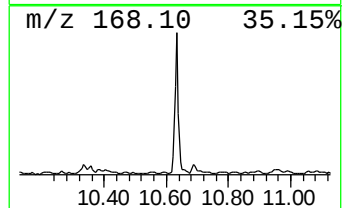
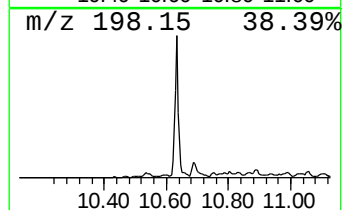
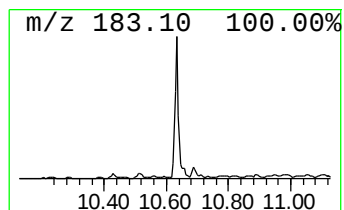
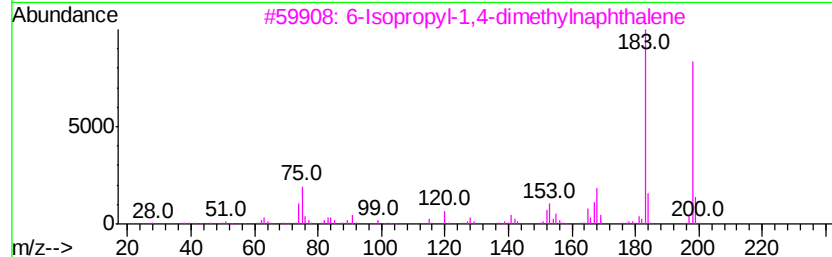
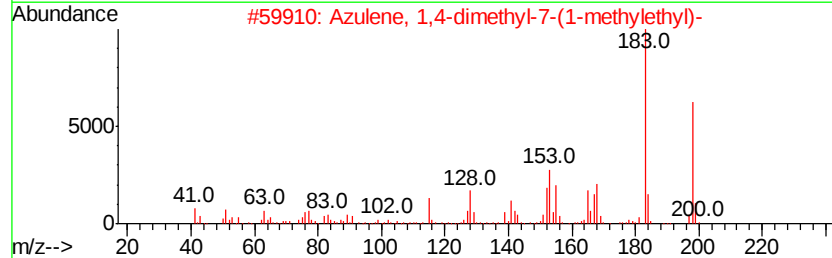
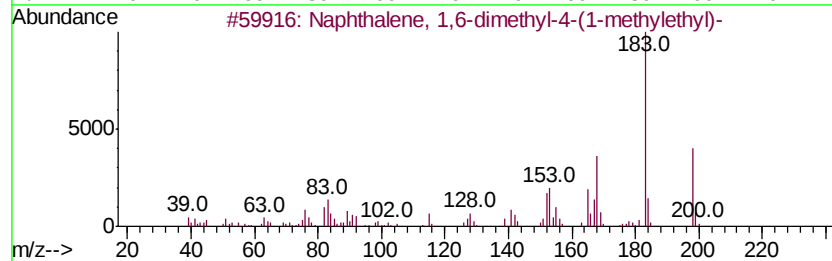
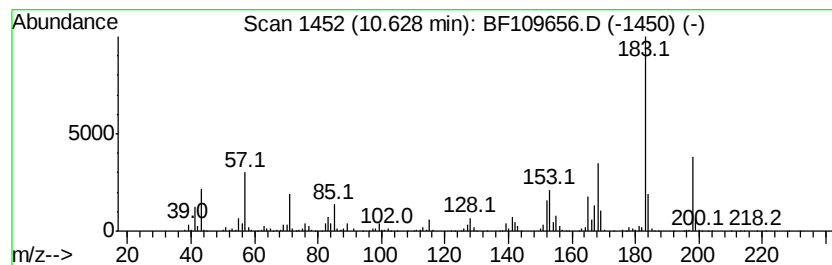
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Naphthalene, 1,6-dimethyl-4... Concentration Rank 5

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10.63	50.79 ng	1726500	Phenanthrene-d10	11.20		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,6-dimethyl-4-(1-methyl-2-phenylethyl)-	198	C15H18	000483-78-3	98
2		Azulene, 1,4-dimethyl-7-(1-methyl-2-phenylethyl)-	198	C15H18	000489-84-9	90
3		6-Isopropyl-1,4-dimethylnaphthalene	198	C15H18	000489-77-0	80
4		Phenol, 2-(1-phenylethyl)-	198	C14H14O	004237-44-9	47
5		Ethanone, 1-[4-(methylsulfonyl)phenyl]-	198	C9H10O3S	010297-73-1	47



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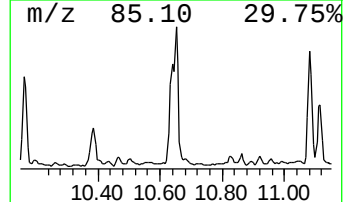
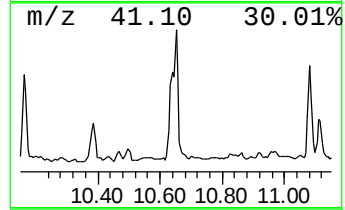
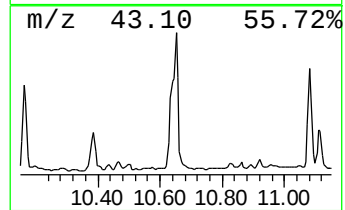
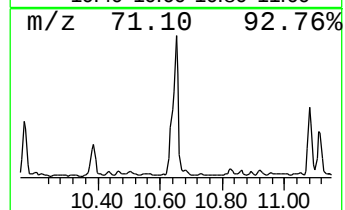
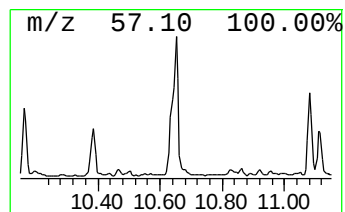
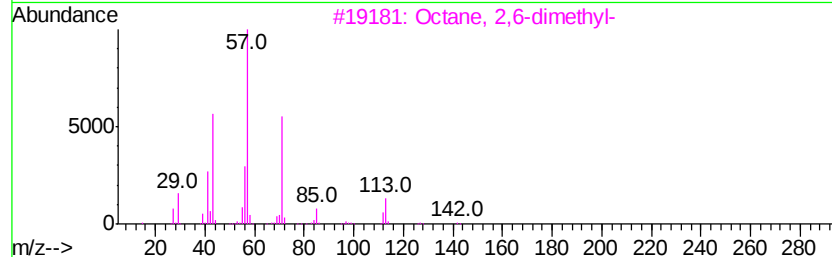
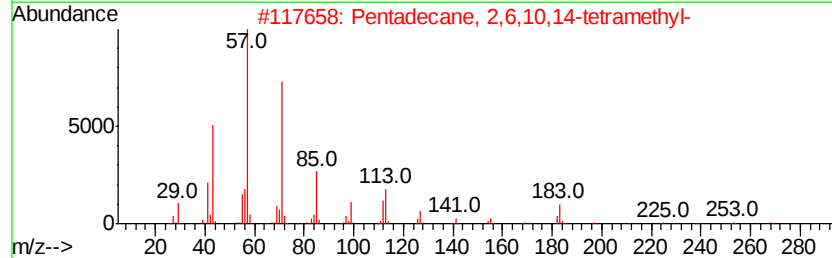
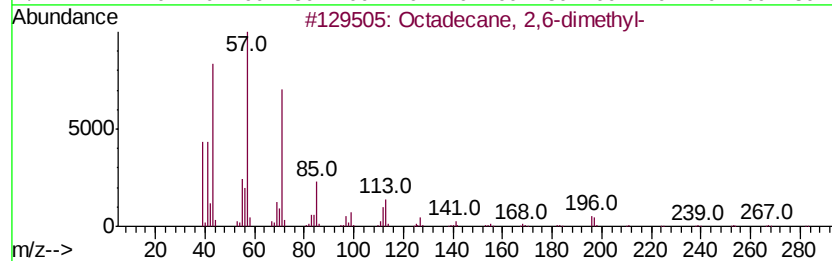
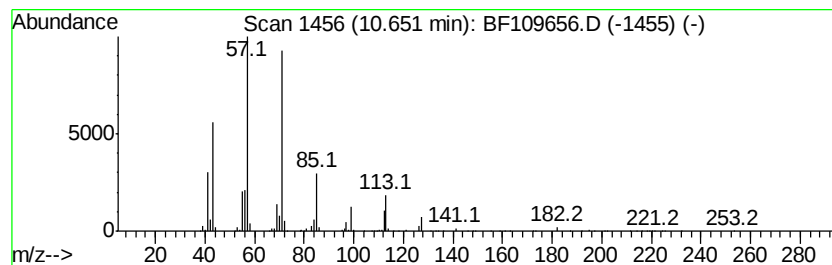
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Octadecane, 2,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.65	27.12 ng	921925	Phenanthrene-d10	11.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	90
2		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	90
3		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
4		Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	64
5		Dodecane	170	C12H26	000112-40-3	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100818\
Data File : BF109656.D
Acq On : 8 Oct 2018 19:09
Operator : JU/SJ
Sample : J5270-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

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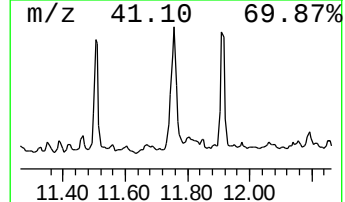
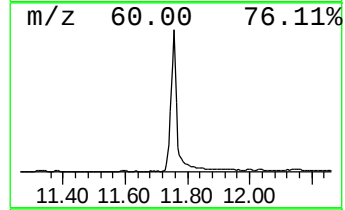
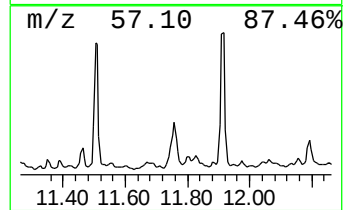
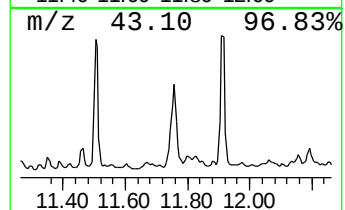
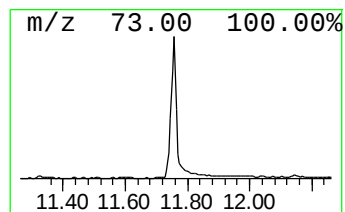
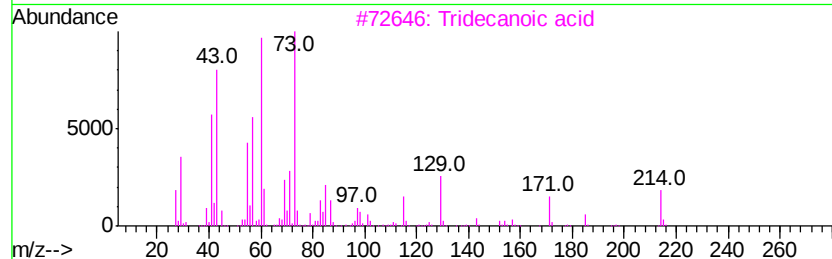
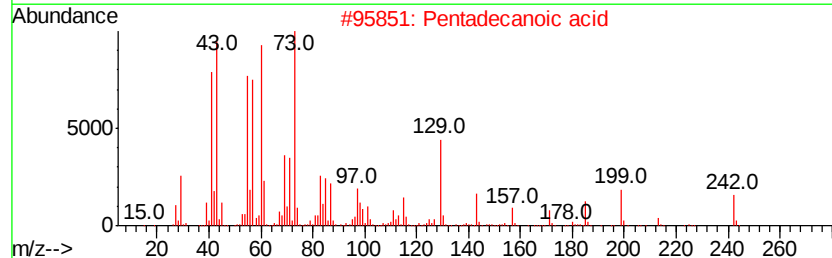
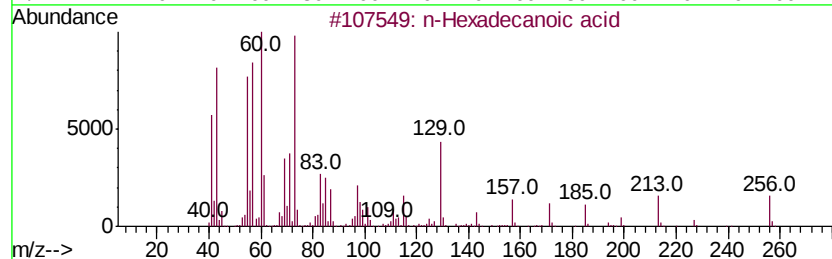
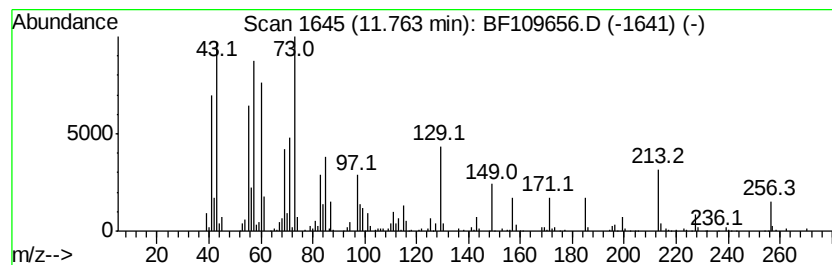
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 n-Hexadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	31.07 ng	1056200	Phenanthrene-d10	11.20

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	87
3		Tridecanoic acid	214	C13H26O2	000638-53-9	74
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5		Dodecanoic acid	200	C12H24O2	000143-07-7	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100818\
Data File : BF109656.D
Acq On : 8 Oct 2018 19:09
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ClientSampleId :
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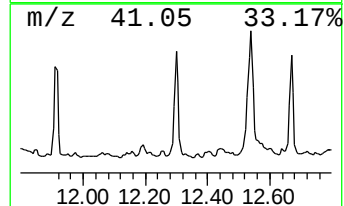
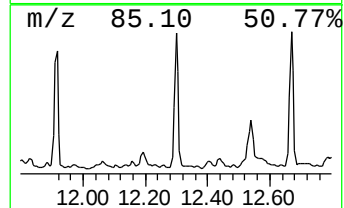
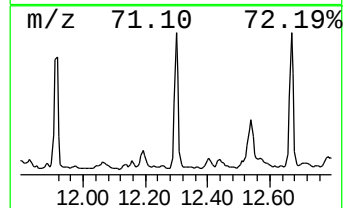
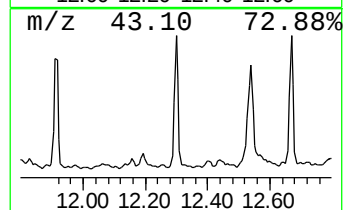
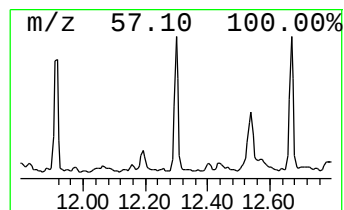
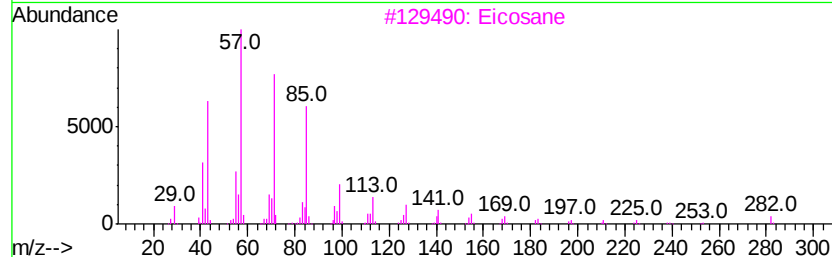
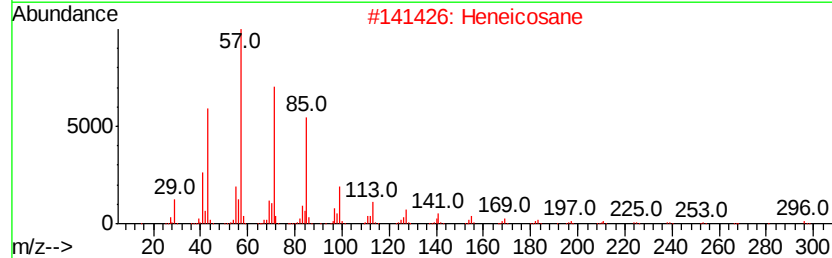
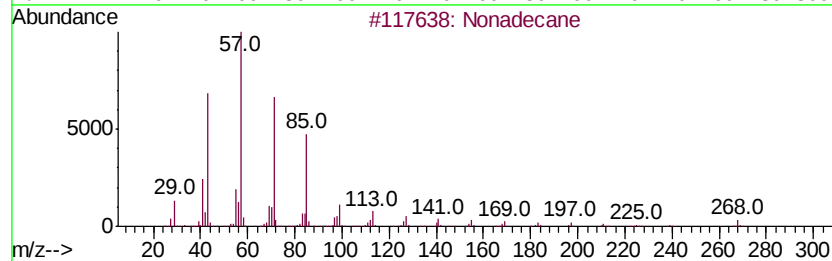
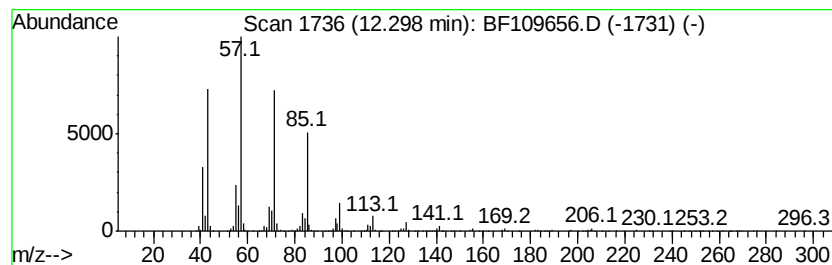
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Nonadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	36.60 ng	1244380	Phenanthrene-d10	11.20

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane		268	C19H40	000629-92-5	91
2	Heneicosane		296	C21H44	000629-94-7	91
3	Eicosane		282	C20H42	000112-95-8	90
4	Heptadecane		240	C17H36	000629-78-7	90
5	Pentadecane		212	C15H32	000629-62-9	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100818\
Data File : BF109656.D
Acq On : 8 Oct 2018 19:09
Operator : JU/SJ
Sample : J5270-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

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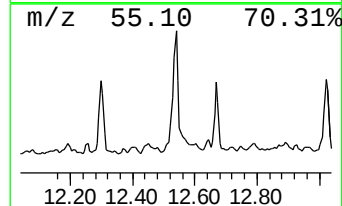
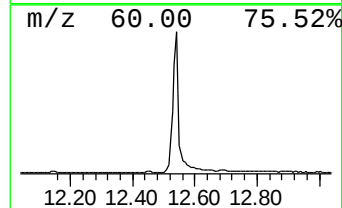
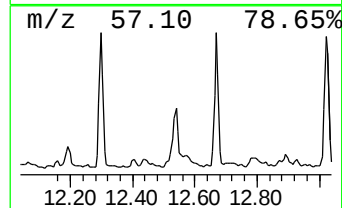
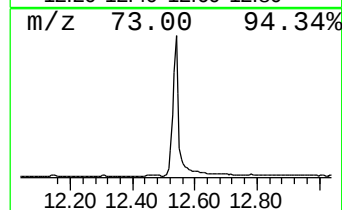
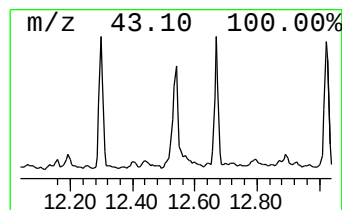
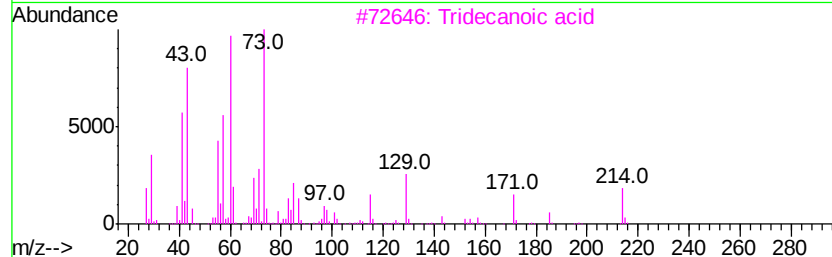
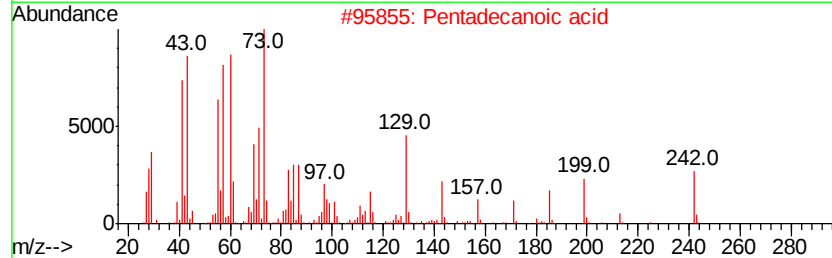
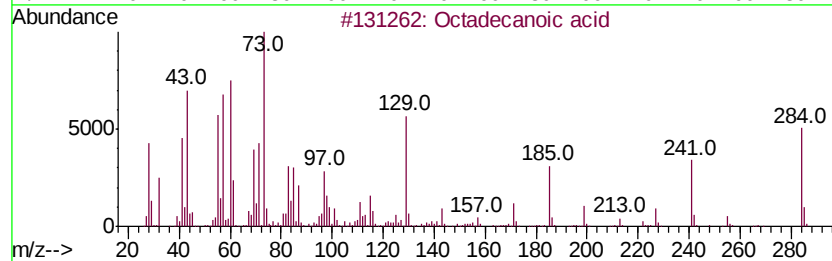
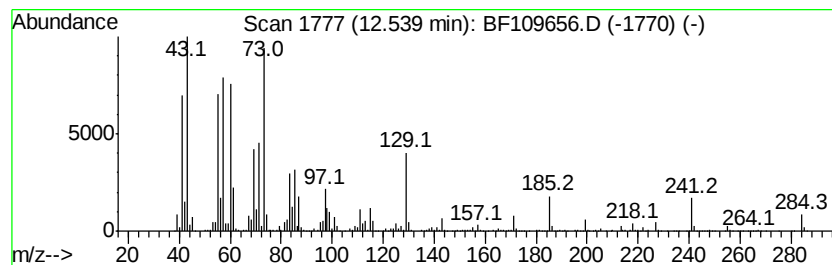
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.54	58.31 ng	2169570	Chrysene-d12		13.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	94
3			Tridecanoic acid	214	C13H26O2	000638-53-9	76
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5			Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NOS	029926-41-8	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100818\
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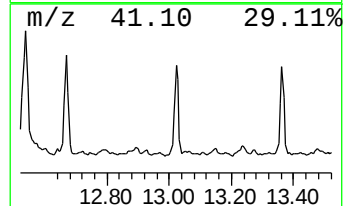
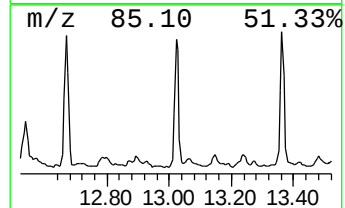
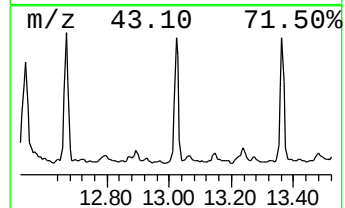
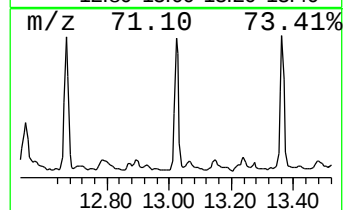
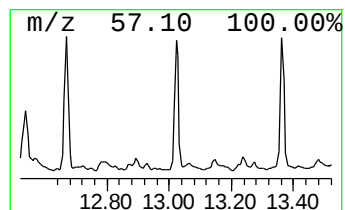
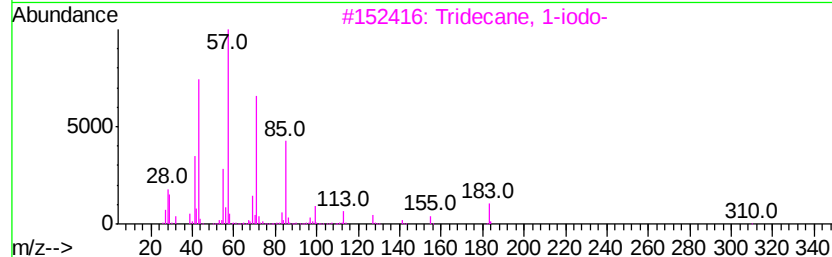
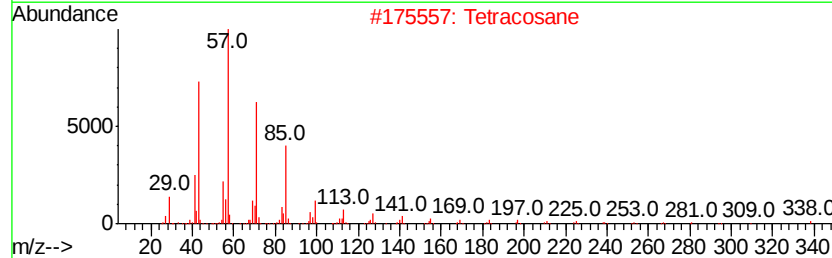
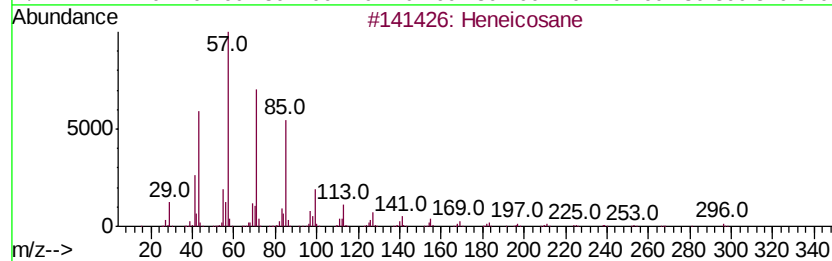
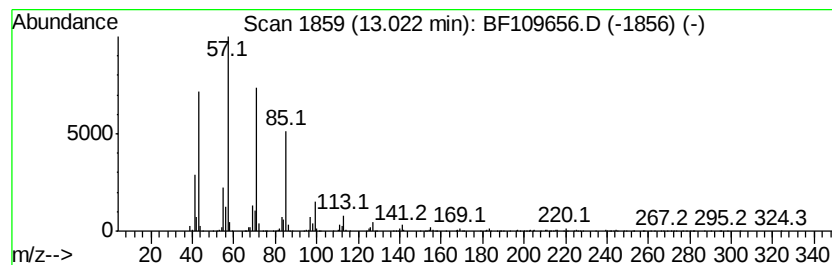
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heneicosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	29.20 ng	1086540	Chrysene-d12	13.83

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Tetracosane		338	C24H50	000646-31-1	91
3	Tridecane, 1-iodo-		310	C13H27I	035599-77-0	90
4	Nonadecane		268	C19H40	000629-92-5	90
5	Tetradecane, 2,6,10-trimethyl-		240	C17H36	014905-56-7	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100818\
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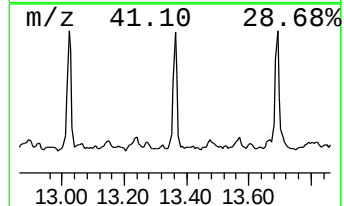
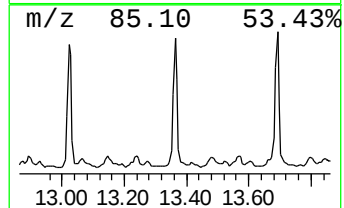
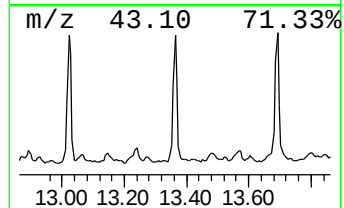
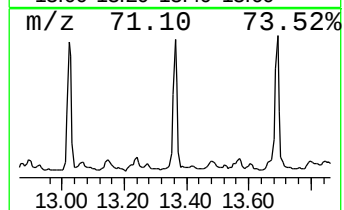
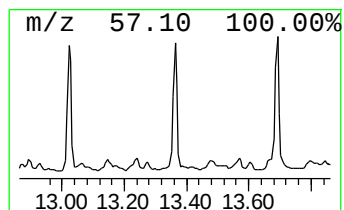
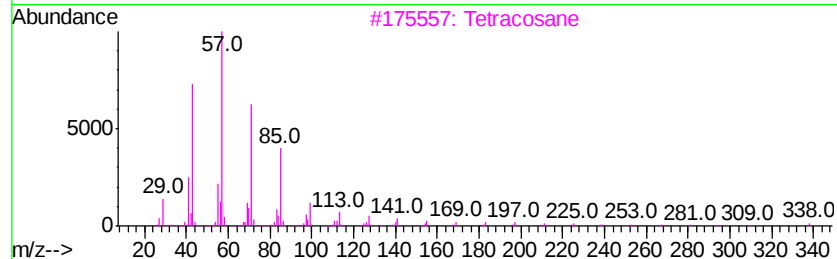
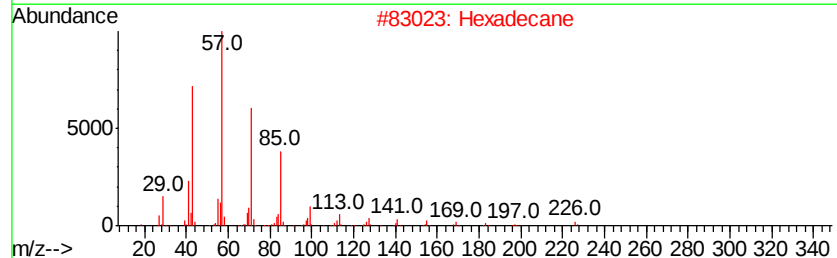
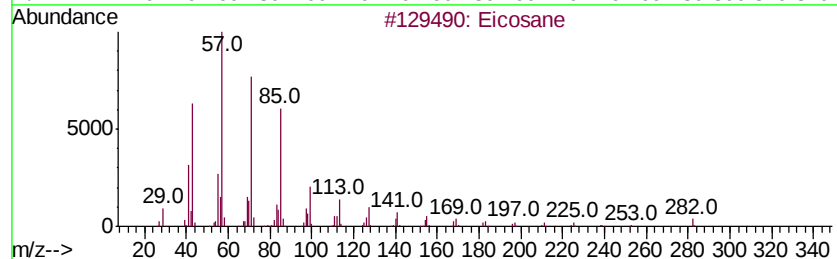
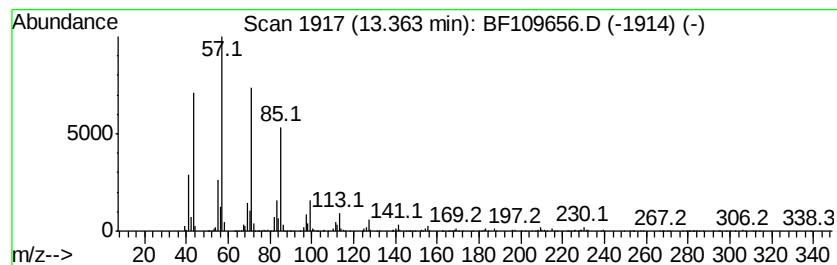
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Eicosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.36	29.12 ng	1083450	Chrysene-d12	13.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	97
2		Hexadecane	226	C16H34	000544-76-3	91
3		Tetracosane	338	C24H50	000646-31-1	91
4		Tridecane, 6-propyl-	226	C16H34	055045-10-8	90
5		Octadecane	254	C18H38	000593-45-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100818\
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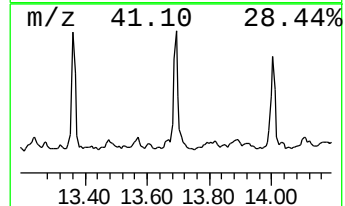
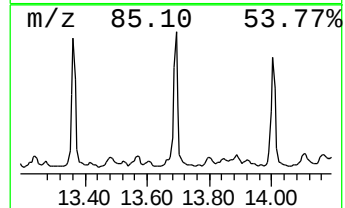
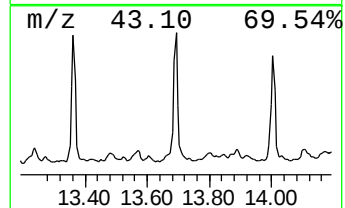
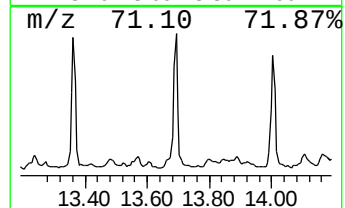
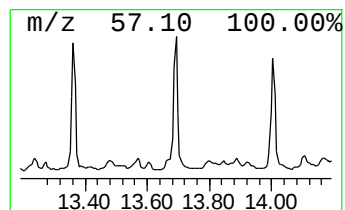
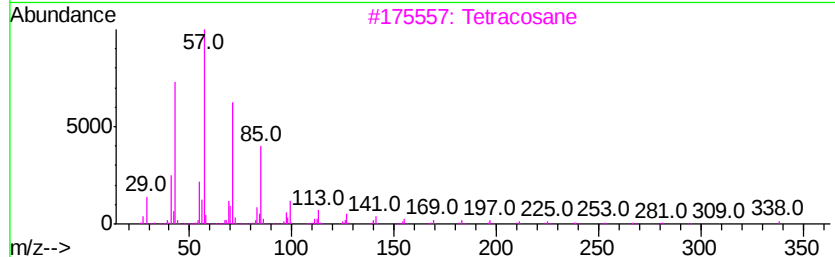
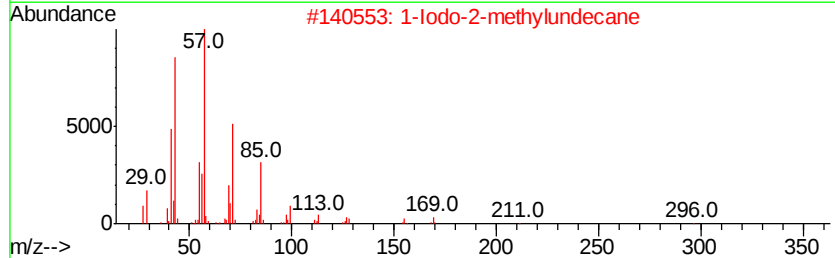
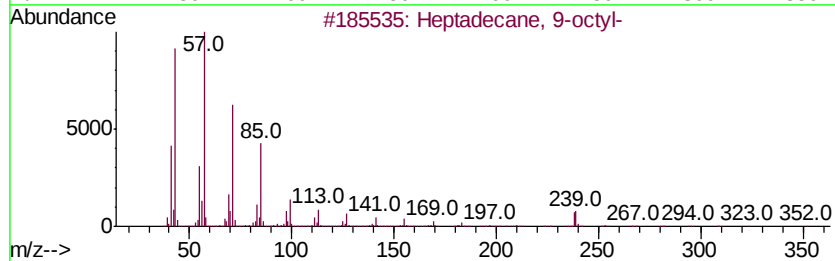
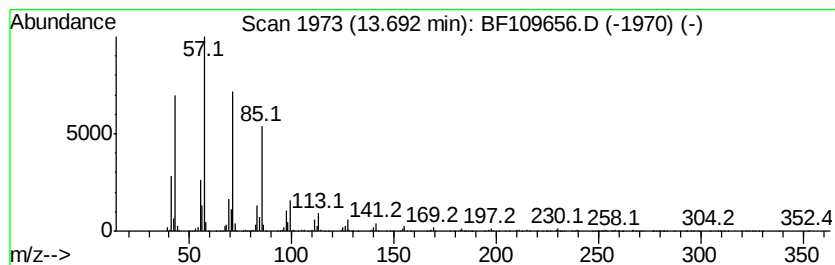
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heptadecane, 9-octyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.69	33.71 ng	1254510	Chrysene-d12	13.83

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	91
3		Tetracosane	338	C24H50	000646-31-1	91
4		Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
5		Octadecane	254	C18H38	000593-45-3	87



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ClientSampleId :
STOCK-PILE-A

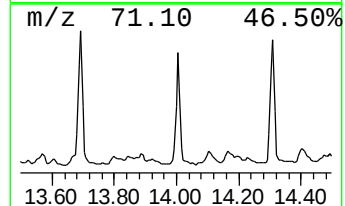
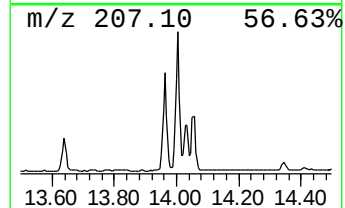
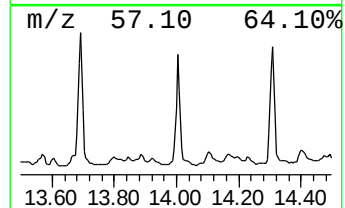
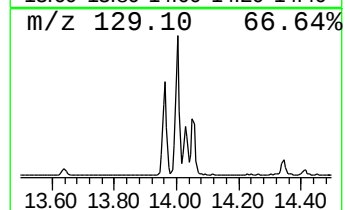
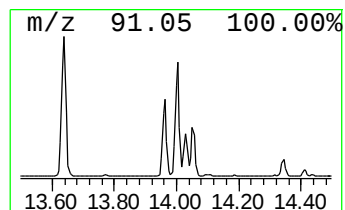
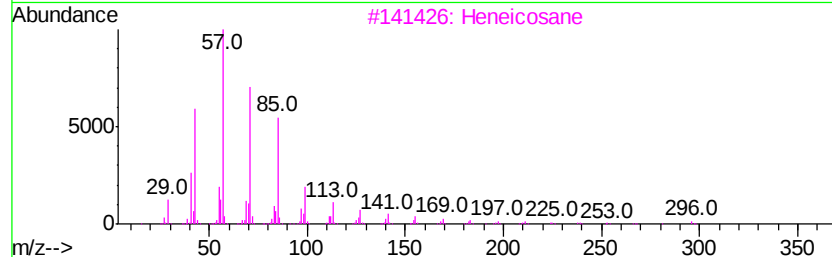
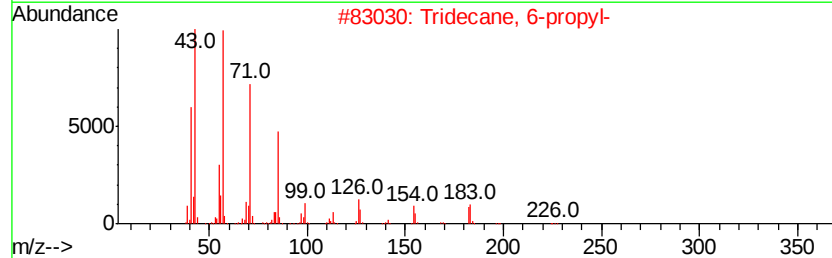
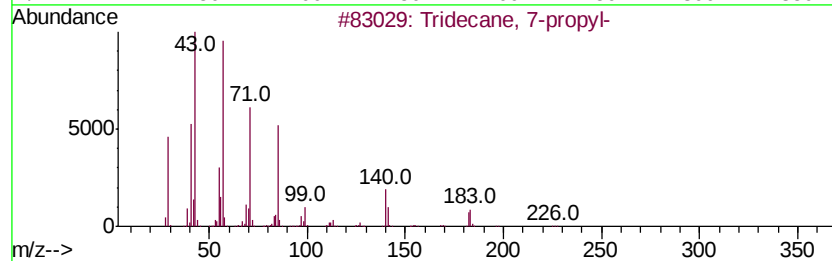
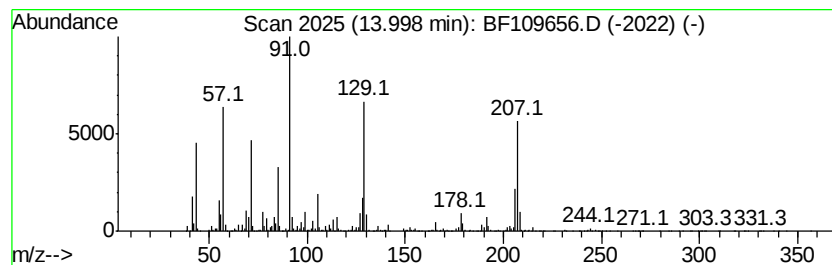
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown14.00 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.00	49.40 ng	1838350	Chrysene-d12	13.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 7-propyl-	226	C16H34	055045-09-5	44
2		Tridecane, 6-propyl-	226	C16H34	055045-10-8	38
3		Heneicosane	296	C21H44	000629-94-7	30
4		Octacosane	394	C28H58	000630-02-4	30
5		2-Bromotetradecane	276	C14H29Br	074036-95-6	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100818\
Data File : BF109656.D
Acq On : 8 Oct 2018 19:09
Operator : JU/SJ
Sample : J5270-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-A

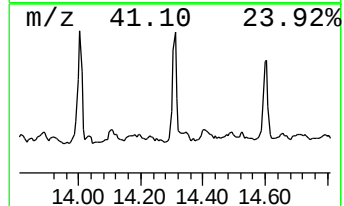
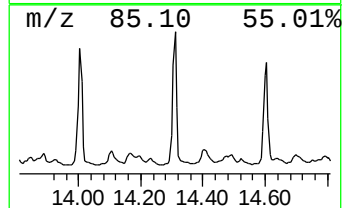
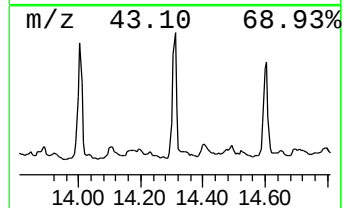
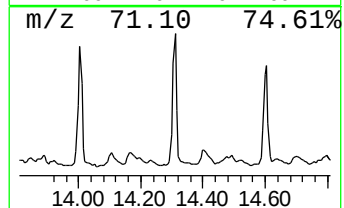
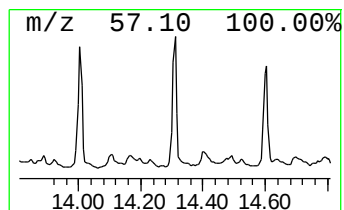
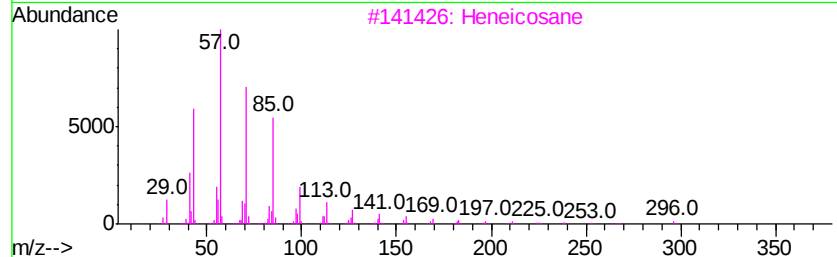
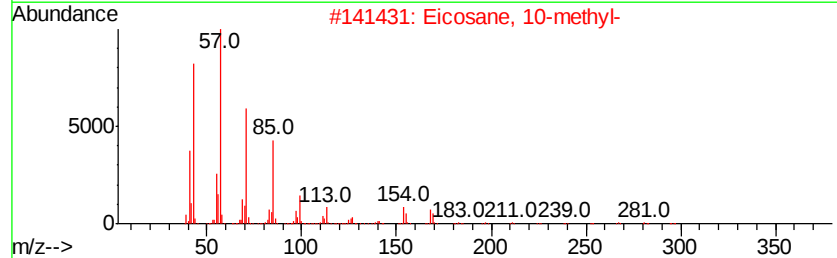
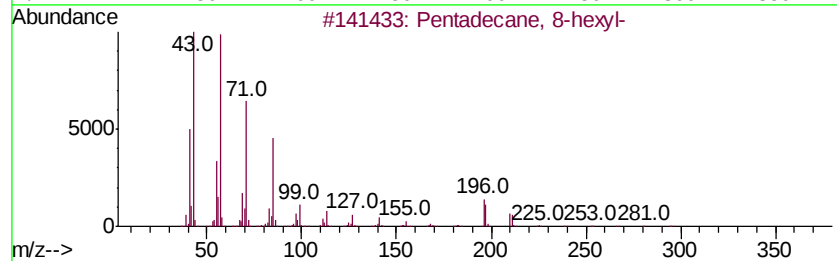
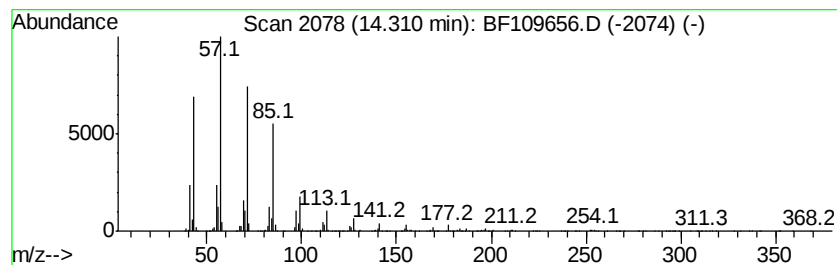
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Pentadecane, 8-hexyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.31	27.94 ng	1039540	Chrysene-d12	13.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
2		Eicosane, 10-methyl-	296	C21H44	054833-23-7	94
3		Heneicosane	296	C21H44	000629-94-7	91
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100818\
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ClientSampleId :
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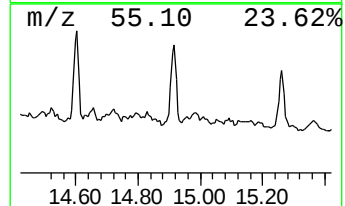
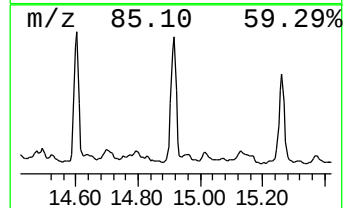
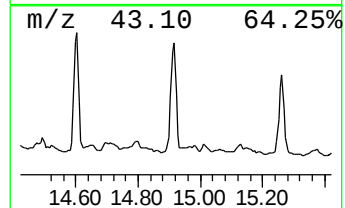
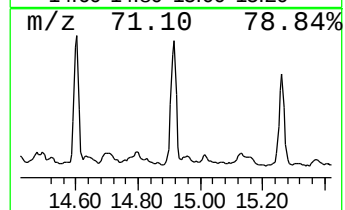
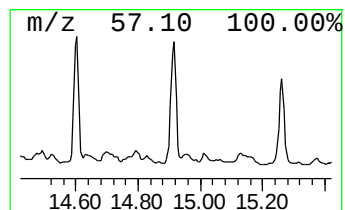
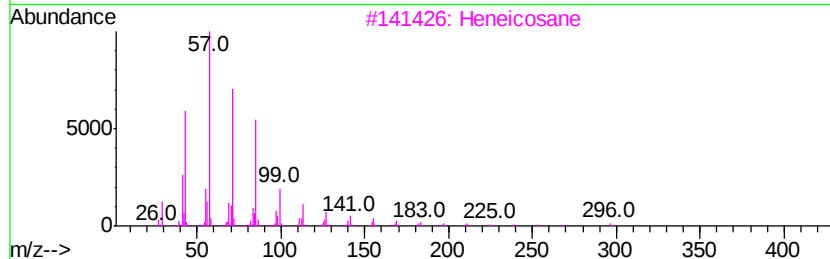
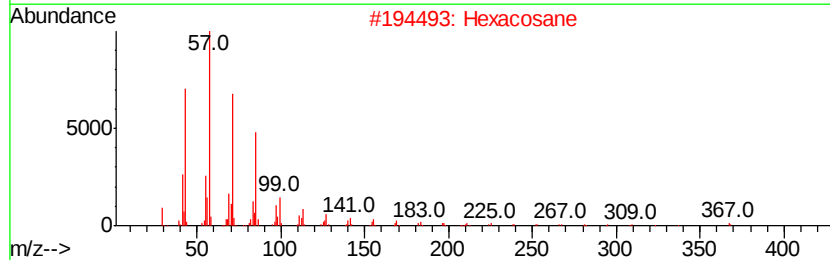
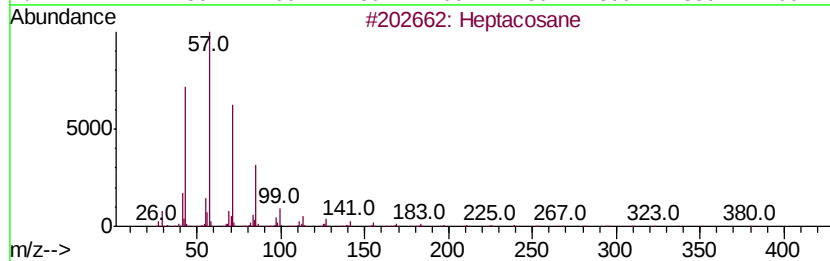
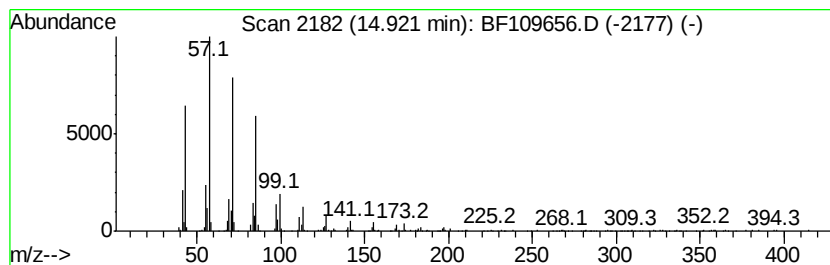
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Heptacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	43.62 ng	861635	Perylene-d12	15.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	95
2		Hexacosane	366	C26H54	000630-01-3	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Docosane, 11-butyl-	366	C26H54	013475-76-8	91
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100818\
Data File : BF109656.D
Acq On : 8 Oct 2018 19:09
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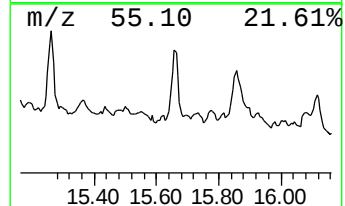
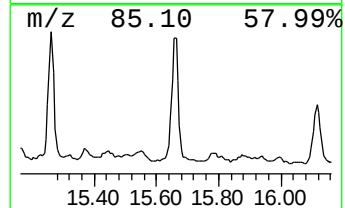
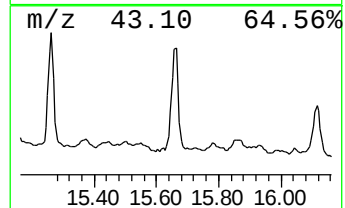
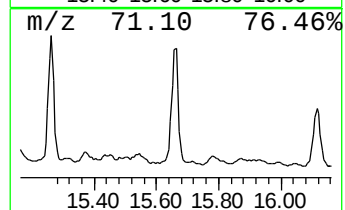
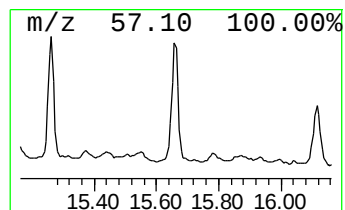
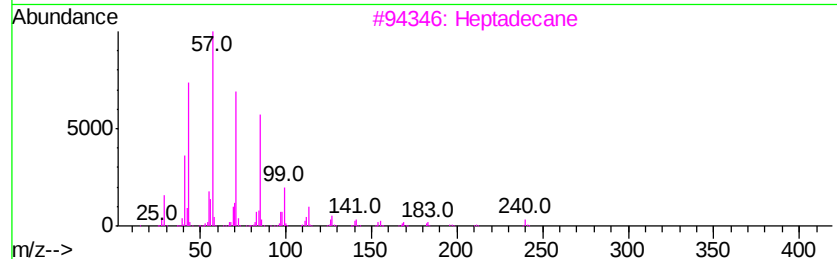
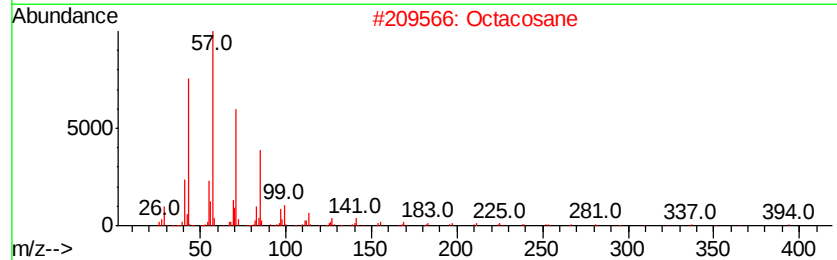
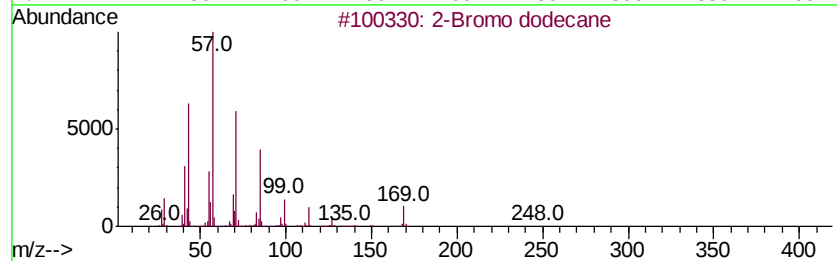
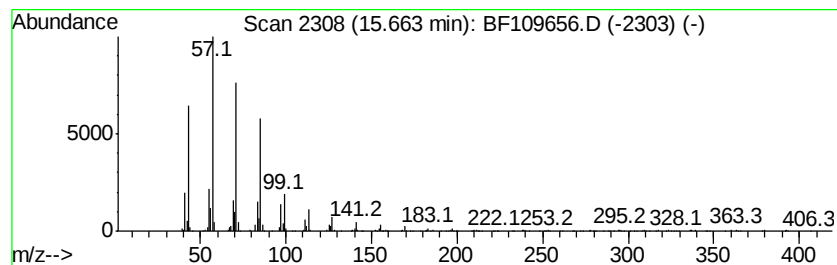
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 2-Bromo dodecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	35.92 ng	709368	Perylene-d12	15.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Bromo dodecane	248	C12H25Br	013187-99-0	94
2		Octacosane	394	C28H58	000630-02-4	94
3		Heptadecane	240	C17H36	000629-78-7	94
4		Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
5		Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100818\
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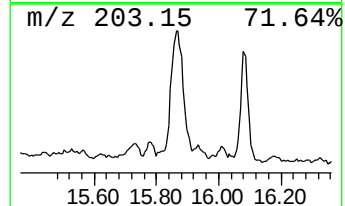
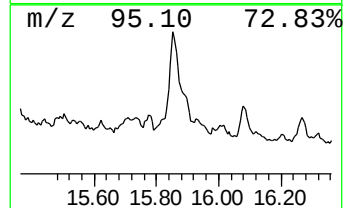
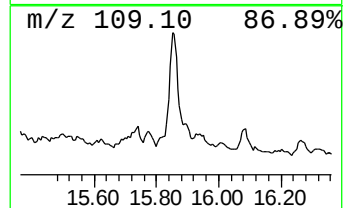
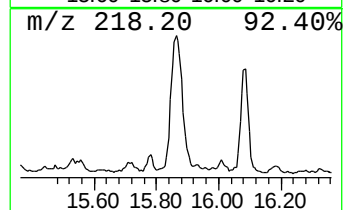
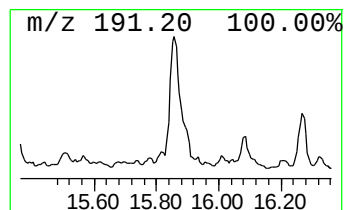
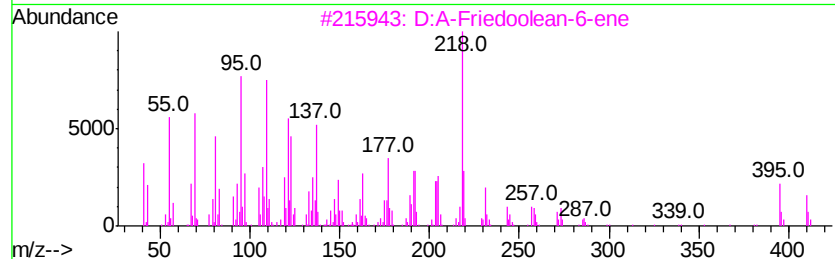
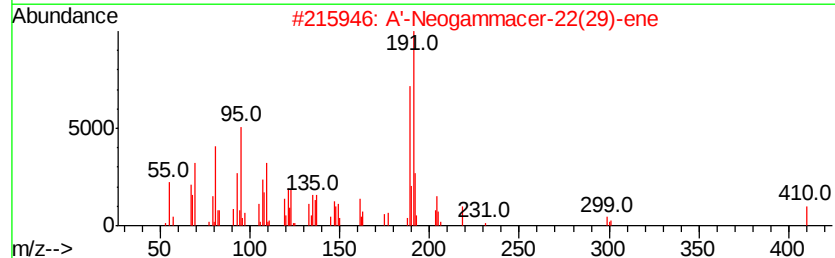
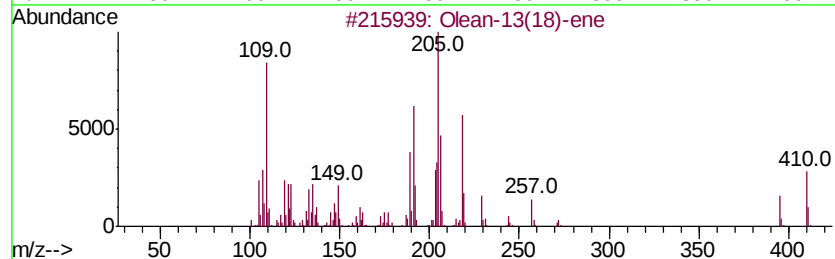
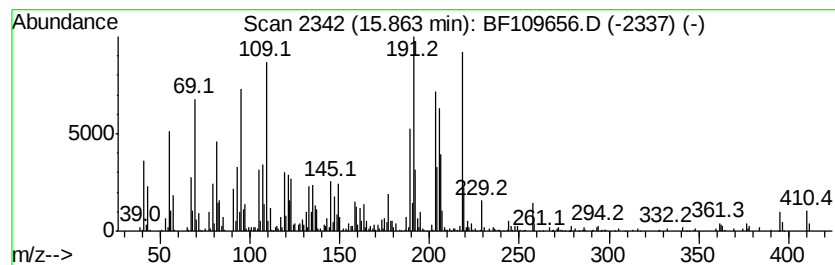
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Olean-13(18)-ene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	55.81 ng	1102210	Perylene-d12	15.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Olean-13(18)-ene	410	C30H50	003399-27-7	68
2		A'-Neogammacer-22(29)-ene	410	C30H50	001615-91-4	56
3		D:A-Friedoolean-6-ene	410	C30H50	056588-25-1	38
4		Urs-12-ene	410	C30H50	000464-97-1	30
5		1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100818\
Data File : BF109656.D
Acq On : 8 Oct 2018 19:09
Operator : JU/SJ
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ALS Vial : 7 Sample Multiplier: 1

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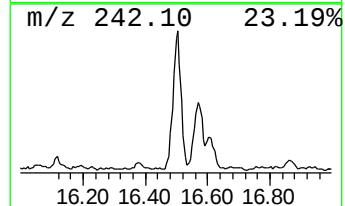
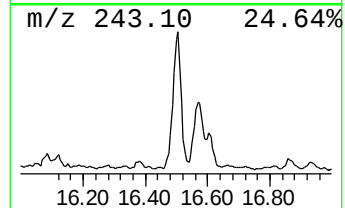
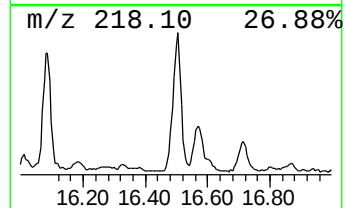
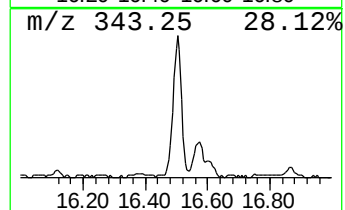
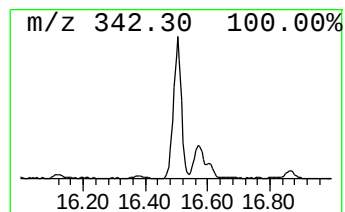
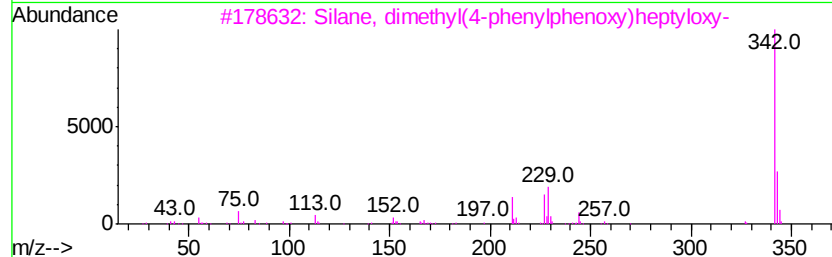
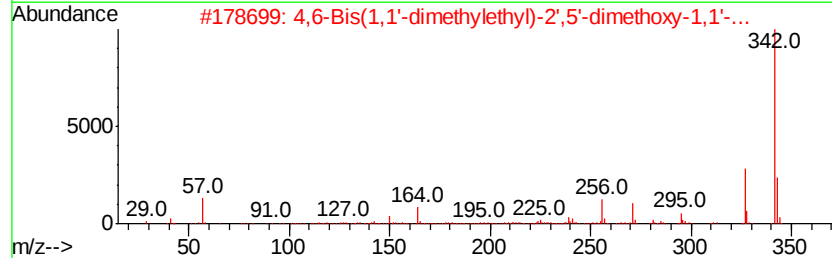
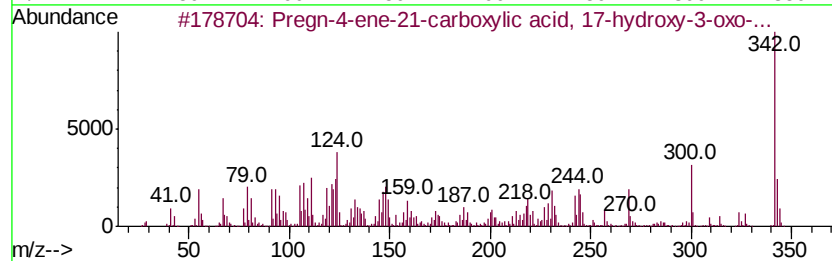
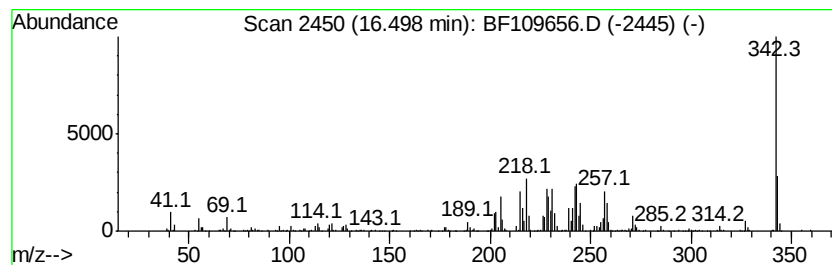
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown16.50 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.50	44.17 ng	872307	Perylene-d12	15.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pregn-4-ene-21-carboxylic acid, ...	342	C22H30O3	000976-70-5	35
2		4,6-Bis(1,1'-dimethylethyl)-2',5...	342	C22H30O3	1000326-27-3	35
3		Silane, dimethyl(4-phenylphenoxy...	342	C21H30O2Si	1000347-49-0	35
4		2H-Chromen-2-one, 8-methoxy-3-(n...	342	C21H14N2O3	293763-29-8	32
5		2,4,6-Triphenyl-3,4-dihydro-2H-[...	342	C21H18N4O	1000191-24-8	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100818\
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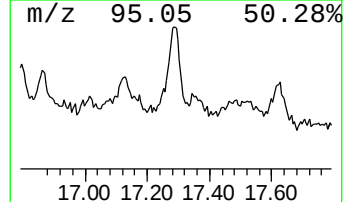
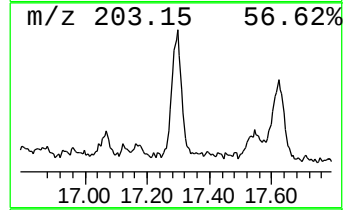
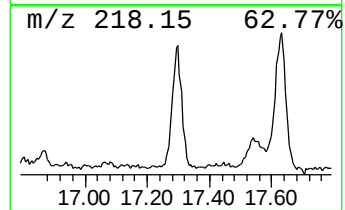
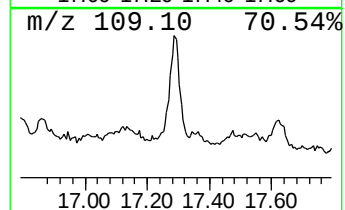
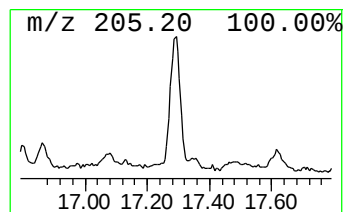
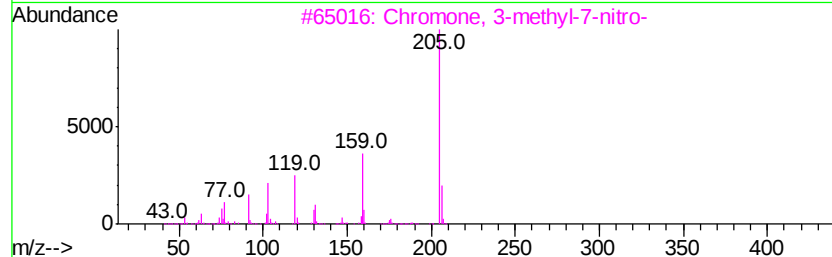
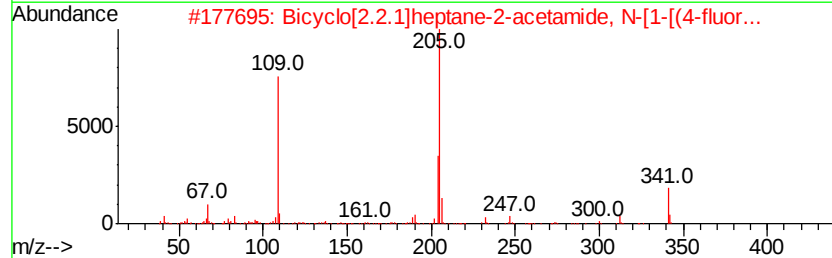
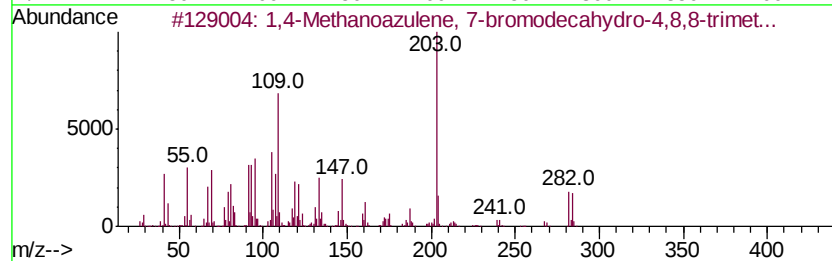
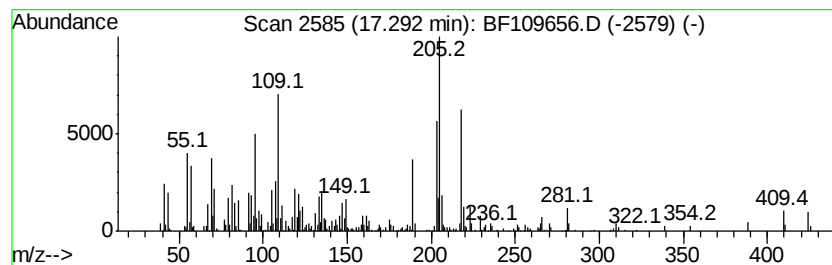
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown17.29 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.29	29.18 ng	576424	Perylene-d12	15.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,4-Methanoazulene, 7-bromodecah...	282	C15H23Br	024503-54-6	38
2		Bicyclo[2.2.1]heptane-2-acetamid...	341	C20H24FN3O	1000337-54-9	38
3		Chromone, 3-methyl-7-nitro-	205	C10H7NO4	253668-57-4	18
4		4,4,9,9-Tetramethyl-4,9-disilatr...	218	C12H18Si2	1000280-67-7	15
5		3a-Methyl-3,3a-dihydropyrrolo[3,...	218	C11H10N2OS	017163-68-7	15



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100818\
Data File : BF109656.D
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Sample : J5270-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

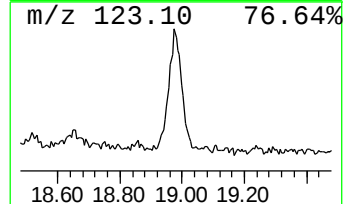
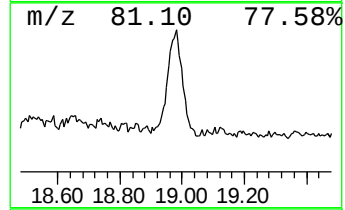
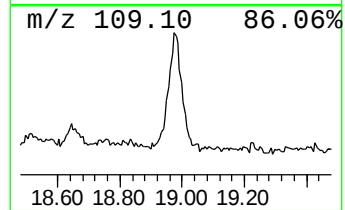
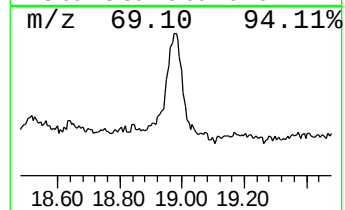
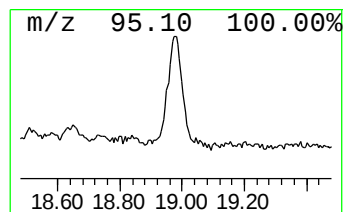
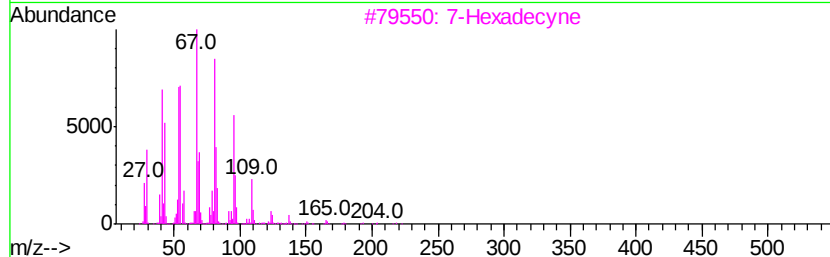
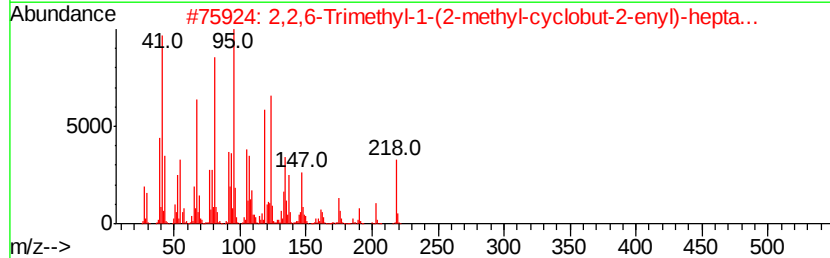
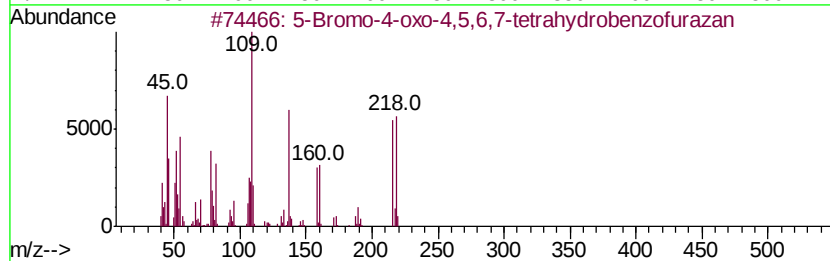
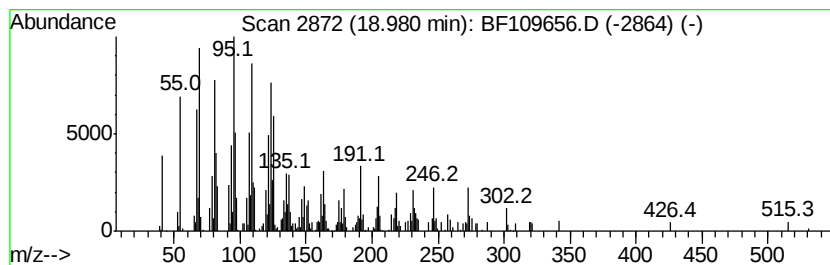
Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 5-Bromo-4-oxo-4,5,6,7-tetra... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.98	34.85 ng	688387	Perylene-d12	15.23	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Bromo-4-oxo-4,5,6,7-tetrahydro...	216	C6H5BrN2O2	300574-36-1	90
2	2,2,6-Trimethyl-1-(2-methyl-cycl...	218	C15H22O	1000188-72-8	50
3	7-Hexadecyne	222	C16H30	074685-28-2	49
4	Imidazole, 4-methyl-5-[3,3,3-tri...	234	C10H13F3N2O	1000129-15-8	42
5	(-)-Neoclovene-(II), dihydro-	206	C15H26	1000152-83-6	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100818\
 Data File : BF109656.D
 Acq On : 8 Oct 2018 19:09
 Operator : JU/SJ
 Sample : J5270-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STOCK-PILE-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.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
unknown6.47	6.47	75.1	ng	2119310	1	6.70	564700	20.0
Naphthalene, 1,6-...	10.63	50.8	ng	1726500	4	11.20	679907	20.0
Octadecane, 2,6-d...	10.65	27.1	ng	921925	4	11.20	679907	20.0
n-Hexadecanoic acid	11.76	31.1	ng	1056200	4	11.20	679907	20.0
Nonadecane	12.30	36.6	ng	1244380	4	11.20	679907	20.0
Octadecanoic acid	12.54	58.3	ng	2169570	5	13.83	744202	20.0
Heneicosane	13.02	29.2	ng	1086540	5	13.83	744202	20.0
Eicosane	13.36	29.1	ng	1083450	5	13.83	744202	20.0
Heptadecane, 9-oc...	13.69	33.7	ng	1254510	5	13.83	744202	20.0
unknown14.00	14.00	49.4	ng	1838350	5	13.83	744202	20.0
Pentadecane, 8-he...	14.31	27.9	ng	1039540	5	13.83	744202	20.0
Heptacosane	14.92	43.6	ng	861635	6	15.23	395022	20.0
2-Bromo dodecane	15.66	35.9	ng	709368	6	15.23	395022	20.0
Olean-13(18)-ene	15.86	55.8	ng	1102210	6	15.23	395022	20.0
unknown16.50	16.50	44.2	ng	872307	6	15.23	395022	20.0
unknown17.29	17.29	29.2	ng	576424	6	15.23	395022	20.0
5-Bromo-4-oxo-4,5...	18.98	34.9	ng	688387	6	15.23	395022	20.0