

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF011218\
 Data File : BF102060.D
 Acq On : 12 Jan 2018 23:06
 Operator : SJ/JU
 Sample : J1018-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-011118

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:\HPCHEM1\BNA_F\METHODS\8270-BF010918.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	4.940	480	485	492	rVB	287279	416602	3.77%	0.411%
2	5.346	548	554	557	rBV	4773535	5305216	47.98%	5.239%
3	6.369	722	728	733	rBV2	4304146	5506309	49.80%	5.437%
4	6.504	745	751	754	rBV	4873295	5159782	46.67%	5.095%
5	6.728	786	789	793	rBV	1574850	1340437	12.12%	1.324%
6	6.887	811	816	819	rBV	4395211	4064322	36.76%	4.013%
7	7.298	876	886	889	rBV	3363544	3404334	30.79%	3.362%
8	7.328	889	891	894	rVV	235605	176401	1.60%	0.174%
9	7.381	894	900	903	rVB4	115706	138713	1.25%	0.137%
10	8.010	1002	1007	1009	rVV	1969603	2080378	18.82%	2.054%
11	8.034	1009	1011	1014	rVV	792373	614894	5.56%	0.607%
12	8.075	1016	1018	1021	rVB2	143836	120371	1.09%	0.119%
13	8.187	1030	1037	1039	rBV5	65552	110970	1.00%	0.110%
14	8.304	1052	1057	1064	rBV6	140258	240219	2.17%	0.237%
15	8.363	1064	1067	1069	rBV3	128612	113170	1.02%	0.112%
16	8.392	1069	1072	1075	rBV3	156881	140512	1.27%	0.139%
17	8.434	1075	1079	1081	rBV3	178445	167667	1.52%	0.166%
18	8.516	1090	1093	1096	rBV2	219054	174433	1.58%	0.172%
19	8.604	1105	1108	1112	rBV	593072	524924	4.75%	0.518%
20	8.722	1126	1128	1131	rVB	335690	269241	2.44%	0.266%
21	8.822	1142	1145	1149	rBV2	265410	318658	2.88%	0.315%
22	8.969	1166	1170	1173	rVB4	131895	179305	1.62%	0.177%
23	9.034	1179	1181	1183	rVV2	187987	139334	1.26%	0.138%
24	9.092	1186	1191	1194	rBV	5204886	4521707	40.89%	4.465%
25	9.169	1201	1204	1209	rBV2	736953	742023	6.71%	0.733%
26	9.239	1213	1216	1219	rVB3	115482	112887	1.02%	0.111%
27	9.357	1229	1236	1239	rBV2	283902	343626	3.11%	0.339%
28	9.422	1245	1247	1250	rBV	229089	211812	1.92%	0.209%
29	9.451	1250	1252	1254	rVB2	214484	163543	1.48%	0.161%
30	9.486	1254	1258	1261	rBV2	815742	855992	7.74%	0.845%
31	9.510	1261	1262	1265	rVB2	184245	141214	1.28%	0.139%
32	9.545	1265	1268	1272	rVB3	194794	211397	1.91%	0.209%
33	9.628	1279	1282	1286	rBV	256592	243163	2.20%	0.240%
34	9.698	1292	1294	1298	rVV	999961	779494	7.05%	0.770%

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35	9.763	1302	1305	1308	rVV	1558468	1486487	13.44%	1.468%
36	9.798	1308	1311	1314	rVV	505075	415268	3.76%	0.410%
37	9.928	1330	1333	1336	rBV4	111852	169319	1.53%	0.167%
38	9.969	1336	1340	1342	rVV	413976	404051	3.65%	0.399%
39	10.022	1345	1349	1353	rBV3	201831	242277	2.19%	0.239%
40	10.198	1376	1379	1382	rVV	1096397	867945	7.85%	0.857%
41	10.310	1395	1398	1404	rVV	565006	534706	4.84%	0.528%
42	10.422	1411	1417	1419	rBV2	346618	482716	4.37%	0.477%
43	10.469	1423	1425	1428	rVB	202916	167432	1.51%	0.165%
44	10.504	1428	1431	1434	rBV3	116849	120119	1.09%	0.119%
45	10.551	1434	1439	1443	rBV	2174946	2229670	20.17%	2.202%
46	10.675	1457	1460	1468	rVB	977889	1137998	10.29%	1.124%
47	10.863	1489	1492	1494	rBV3	125488	123202	1.11%	0.122%
48	11.051	1522	1524	1528	rVB	145614	132935	1.20%	0.131%
49	11.122	1533	1536	1538	rVV	882586	727433	6.58%	0.718%
50	11.145	1538	1540	1546	rVB2	396669	425508	3.85%	0.420%
51	11.251	1554	1558	1560	rBV	1261899	1254833	11.35%	1.239%
52	11.275	1560	1562	1565	rVV	2491704	1911828	17.29%	1.888%
53	11.322	1568	1570	1574	rVV	711969	593110	5.36%	0.586%
54	11.480	1591	1597	1599	rBV	223470	263822	2.39%	0.261%
55	11.545	1605	1608	1611	rBV	586593	472057	4.27%	0.466%
56	11.651	1622	1626	1629	rBV	5323465	4652368	42.08%	4.594%
57	11.751	1640	1643	1645	rVV	312596	250161	2.26%	0.247%
58	11.780	1645	1648	1653	rVV2	476508	725855	6.56%	0.717%
59	11.822	1653	1655	1657	rVV2	161100	148805	1.35%	0.147%
60	11.863	1658	1662	1664	rVV	501145	579709	5.24%	0.572%
61	11.880	1664	1665	1670	rVB	219619	192624	1.74%	0.190%
62	11.957	1674	1678	1685	rVB	406867	482893	4.37%	0.477%
63	12.045	1691	1693	1696	rBV2	208418	236954	2.14%	0.234%
64	12.110	1701	1704	1709	rBV4	82273	119115	1.08%	0.118%
65	12.298	1733	1736	1739	rBV	226892	241422	2.18%	0.238%
66	12.345	1739	1744	1746	rVV	7315751	11056921	100.00%	10.918%
67	12.369	1746	1748	1754	rVV2	7628073	8413092	76.09%	8.308%
68	12.445	1757	1761	1763	rVV	2875486	2952598	26.70%	2.916%
69	12.463	1763	1764	1767	rVV	2307138	1565145	14.16%	1.546%
70	12.504	1767	1771	1777	rVV4	463573	678268	6.13%	0.670%
71	12.692	1797	1803	1806	rBV	2130122	2469530	22.33%	2.439%

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72	12.716	1806	1807	1809	rVB	261805	137903	1.25%	0.136%
73	12.839	1824	1828	1833	rVB	3175418	3164110	28.62%	3.124%
74	12.880	1833	1835	1837	rBV2	118937	123638	1.12%	0.122%
75	12.916	1838	1841	1844	rVV2	123242	191160	1.73%	0.189%
76	12.998	1852	1855	1857	rBV3	179771	238761	2.16%	0.236%
77	13.022	1857	1859	1865	rVV3	512516	705894	6.38%	0.697%
78	13.086	1865	1870	1873	rVB2	487249	552920	5.00%	0.546%
79	13.122	1873	1876	1879	rBV2	216622	207643	1.88%	0.205%
80	13.169	1881	1884	1889	rBV2	245026	284743	2.58%	0.281%
81	13.245	1895	1897	1900	rVB2	138904	116372	1.05%	0.115%
82	13.327	1908	1911	1915	rVB3	189411	225764	2.04%	0.223%
83	13.416	1923	1926	1928	rVB2	150171	126319	1.14%	0.125%
84	13.592	1953	1956	1959	rBV3	210720	276231	2.50%	0.273%
85	13.686	1970	1972	1977	rBV2	137059	178235	1.61%	0.176%
86	13.733	1977	1980	1984	rVB	659214	641473	5.80%	0.633%
87	13.833	1995	1997	1999	rBV	326859	255409	2.31%	0.252%
88	13.886	2001	2006	2009	rVV2	1428845	2192090	19.83%	2.165%
89	13.916	2009	2011	2018	rVB	811738	726649	6.57%	0.718%
90	13.992	2021	2024	2027	rVB	334458	284404	2.57%	0.281%
91	14.363	2085	2087	2090	rVB2	206948	187004	1.69%	0.185%
92	14.904	2176	2179	2182	rBV	552886	786023	7.11%	0.776%
93	15.192	2226	2228	2234	rVB	352755	403429	3.65%	0.398%
94	15.251	2235	2238	2244	rVB	499900	627663	5.68%	0.620%
95	15.316	2245	2249	2252	rBV	528898	675716	6.11%	0.667%

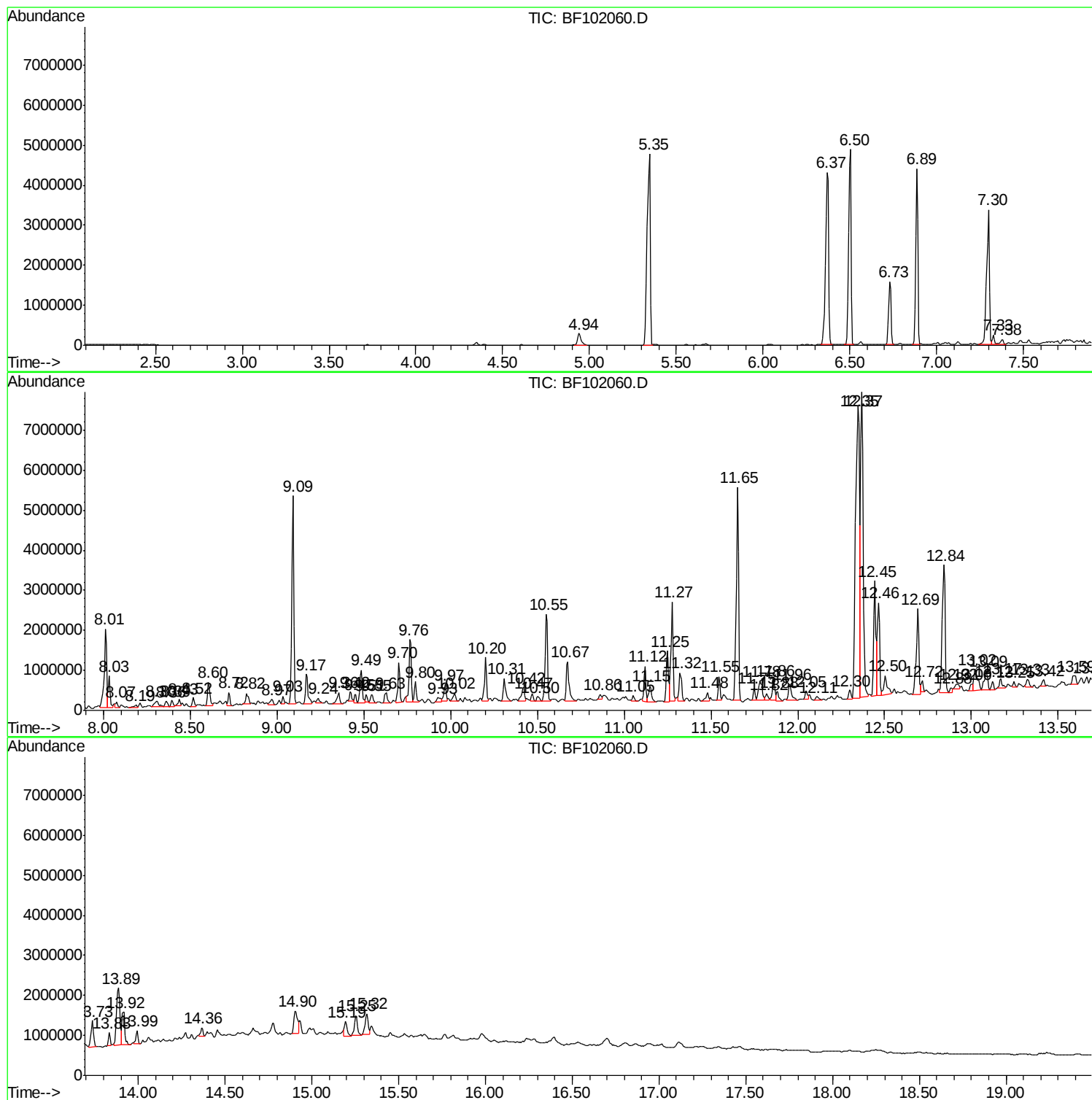
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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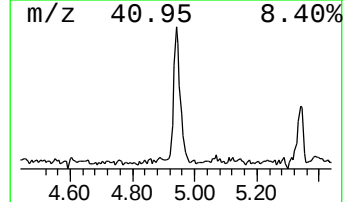
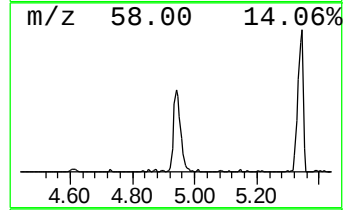
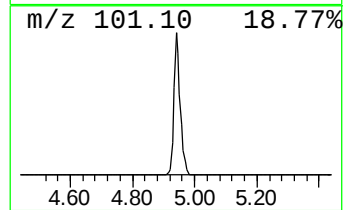
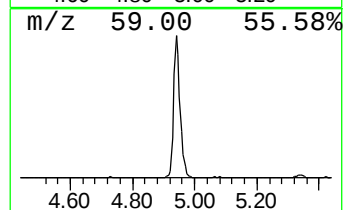
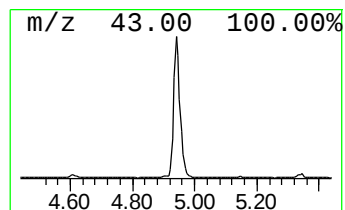
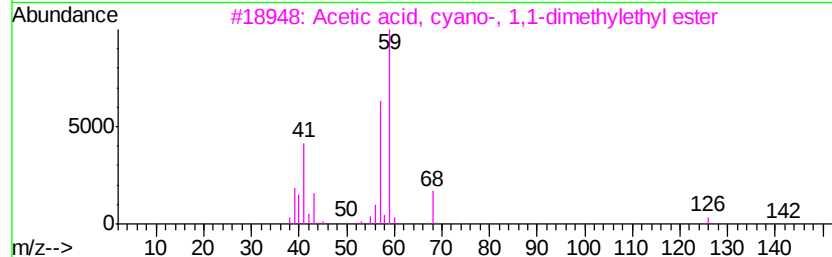
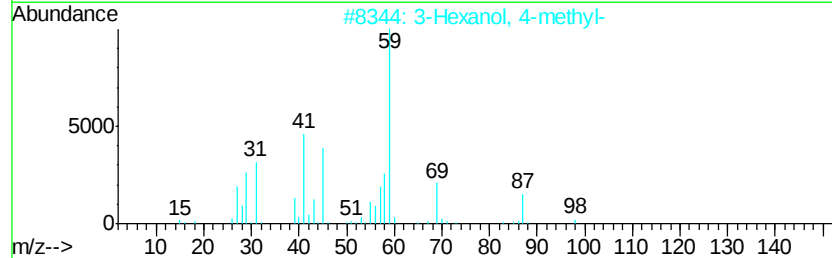
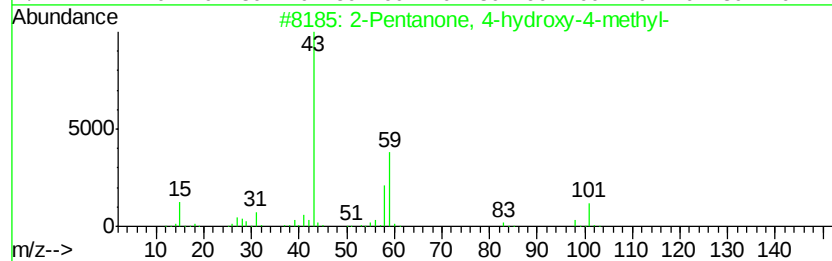
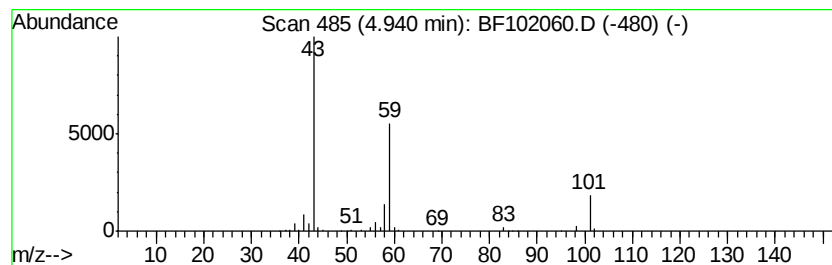
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.94	6.22 ng	416602	1,4-Dichlorobenzene-d4	6.73

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4			1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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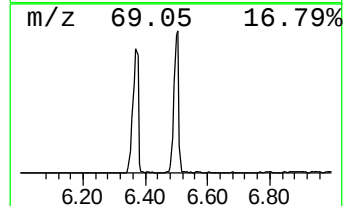
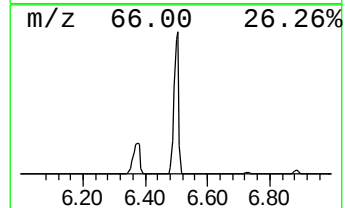
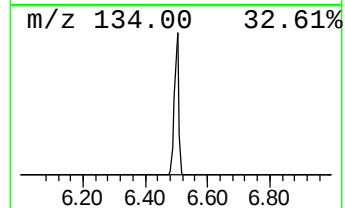
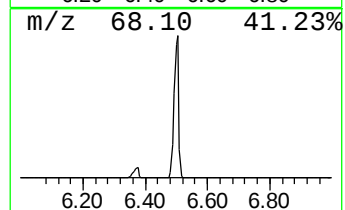
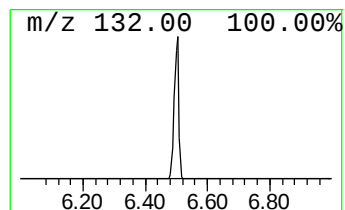
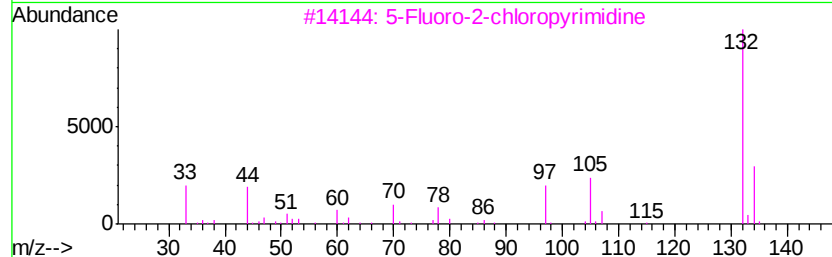
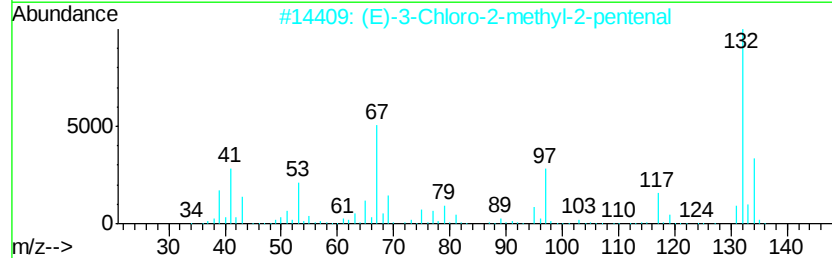
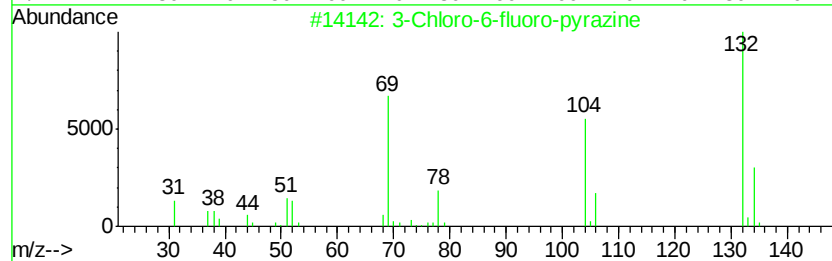
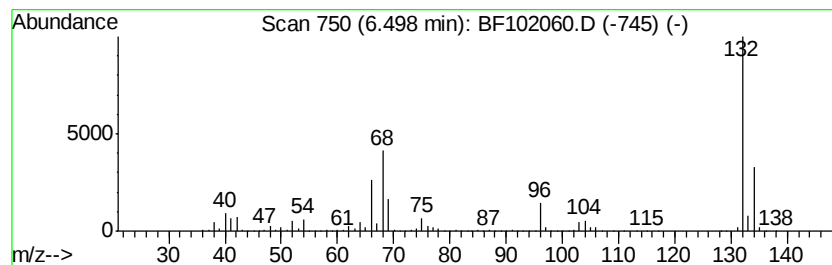
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 unknown6.50 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	76.99 ng	5159780	1,4-Dichlorobenzene-d4	6.73

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	17
3		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4		5-Aminoindole	132	C8H8N2	005192-03-0	12
5		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10



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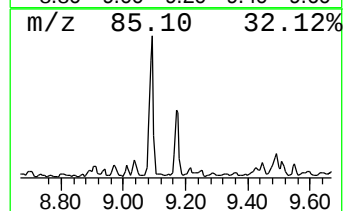
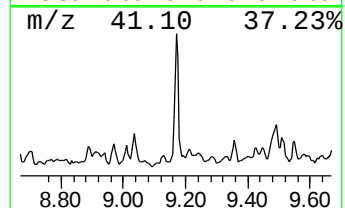
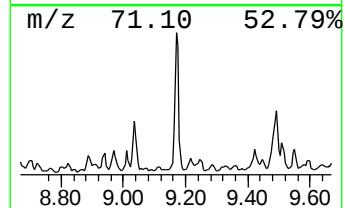
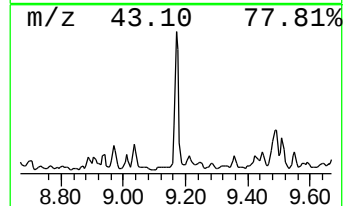
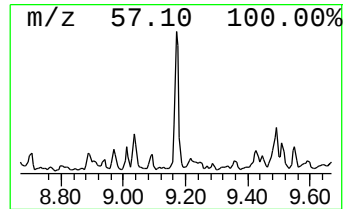
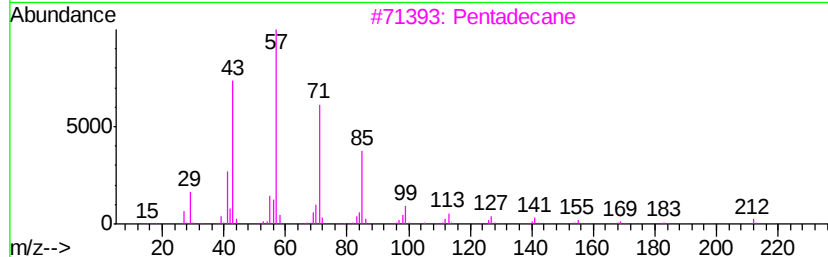
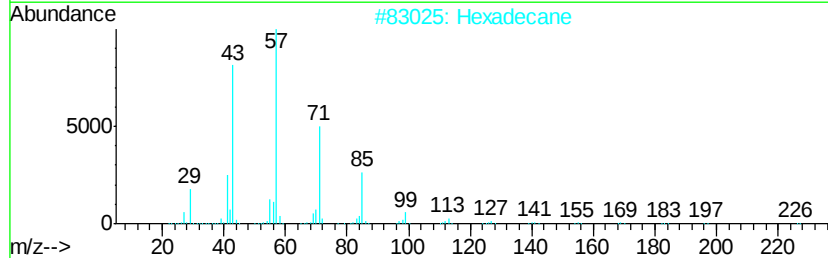
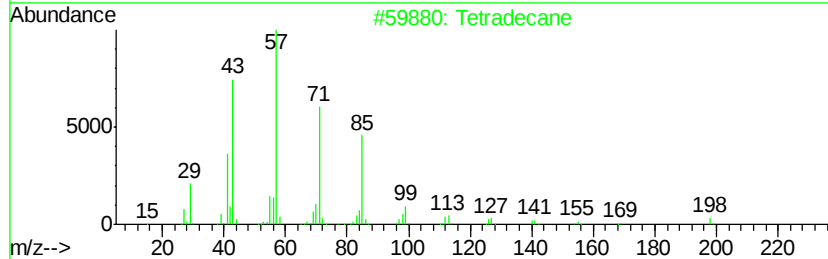
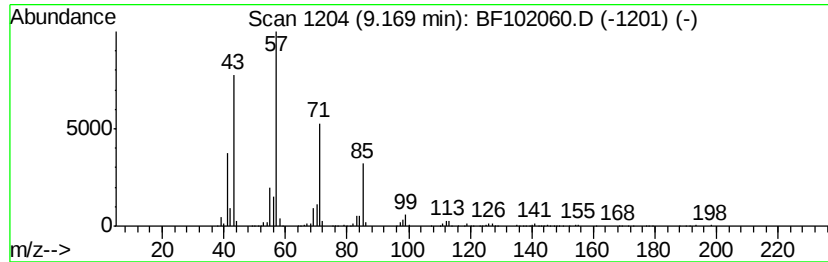
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Peak Number 4 Tetradecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.17	9.98 ng	742023	Acenaphthene-d10	9.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	95
2		Hexadecane	226	C16H34	000544-76-3	91
3		Pentadecane	212	C15H32	000629-62-9	86
4		Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	86
5		Tridecane	184	C13H28	000629-50-5	78



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Acq On : 12 Jan 2018 23:06
Operator : SJ/JU
Sample : J1018-03
Misc :
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Instrument :
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ClientSampleId :
OR-01-011118

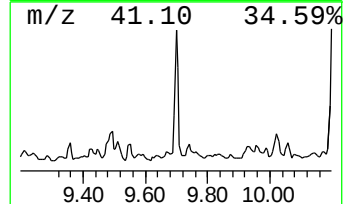
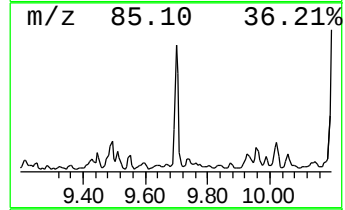
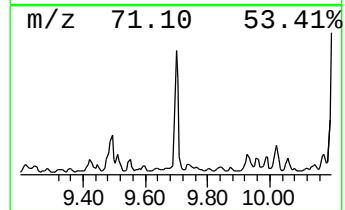
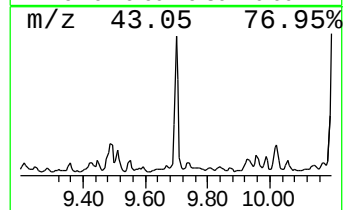
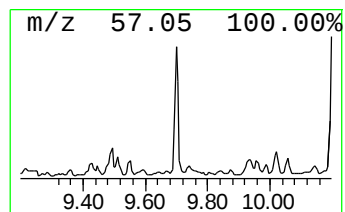
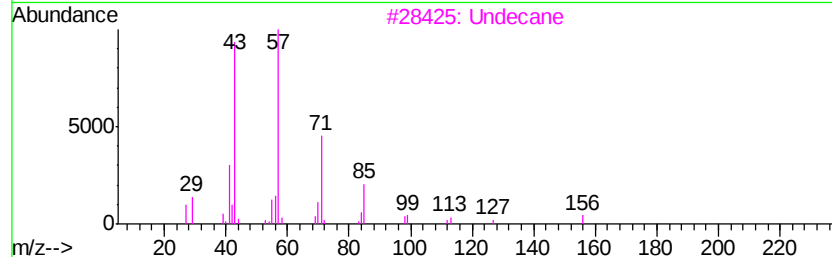
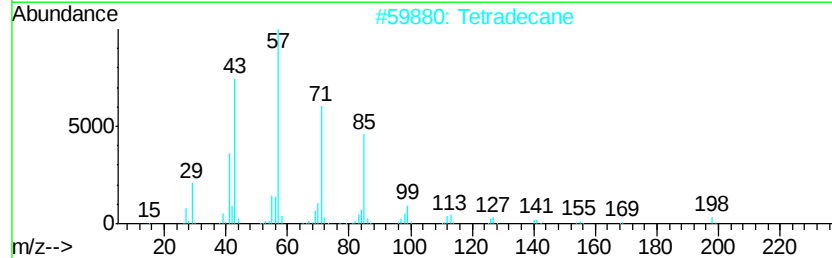
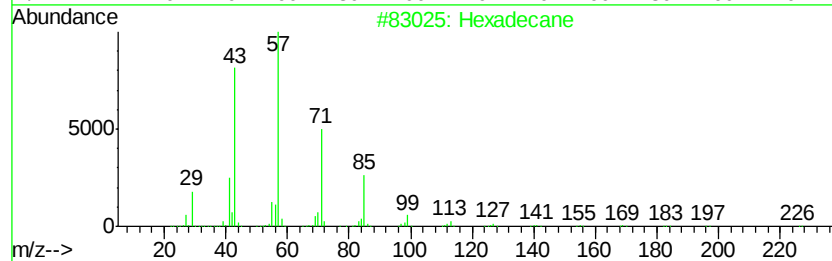
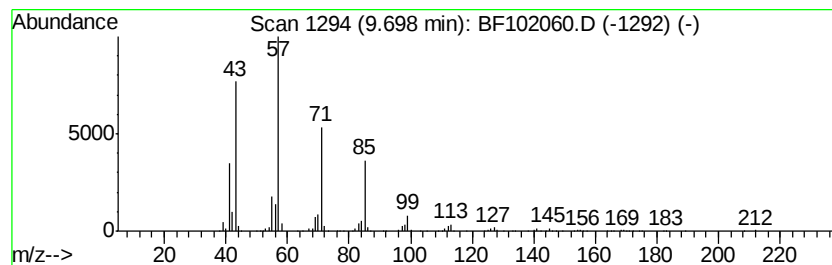
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Hexadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.70	10.49 ng	779494	Acenaphthene-d10	9.76

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	91
2	Tetradecane		198	C14H30	000629-59-4	90
3	Undecane		156	C11H24	001120-21-4	86
4	Tetradecane, 4-methyl-		212	C15H32	025117-24-2	80
5	Decane, 3-bromo-		220	C10H21Br	030571-71-2	72



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF011218\
Data File : BF102060.D
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ClientSampleId :
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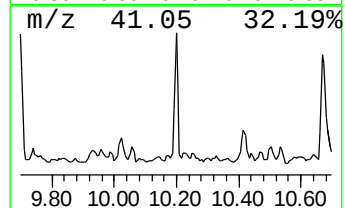
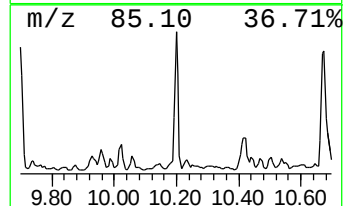
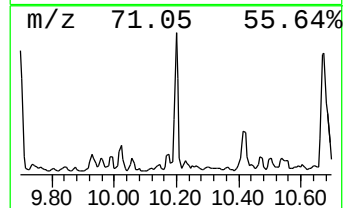
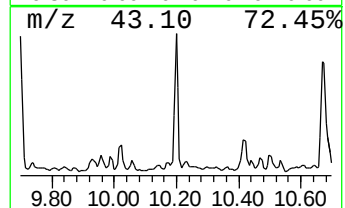
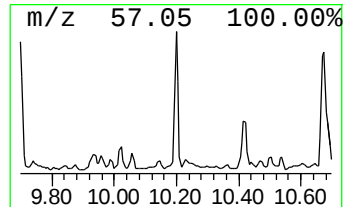
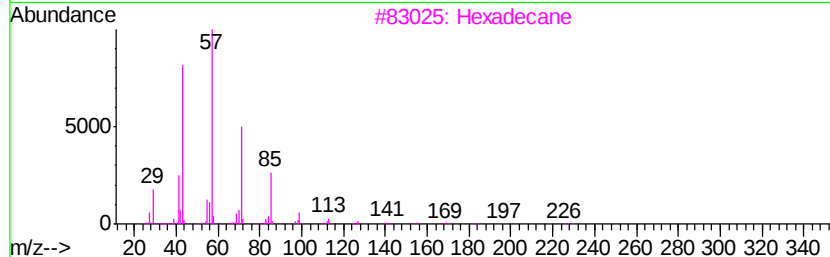
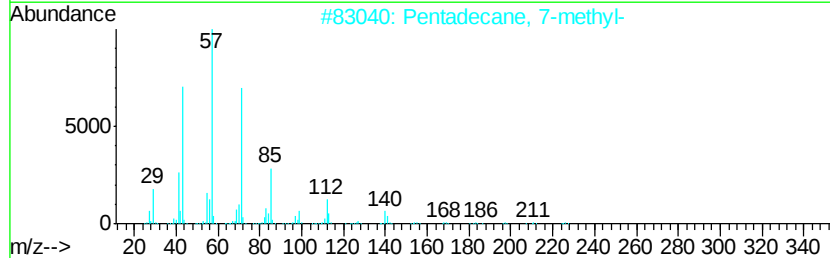
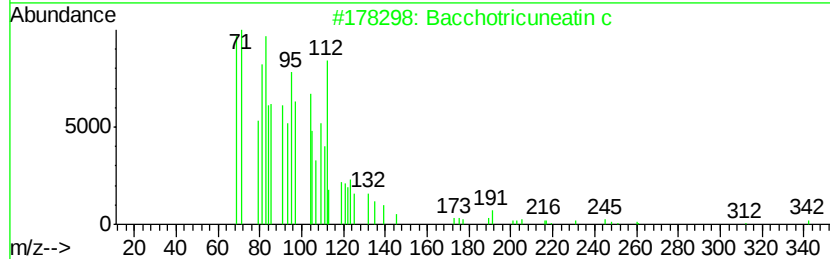
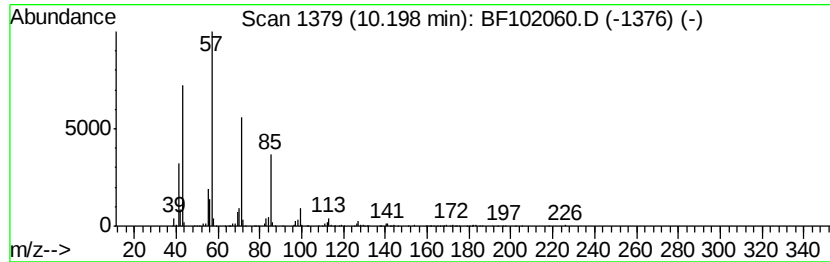
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Bacchotricuneatin c Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.20	11.68 ng	867945	Acenaphthene-d10	9.76

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Bacchotricuneatin c	342	C20H22O5	066563-30-2	97
2		Pentadecane, 7-methyl-	226	C16H34	006165-40-8	91
3		Hexadecane	226	C16H34	000544-76-3	91
4		Pentadecane	212	C15H32	000629-62-9	90
5		Tetradecane	198	C14H30	000629-59-4	90



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF011218\
Data File : BF102060.D
Acq On : 12 Jan 2018 23:06
Operator : SJ/JU
Sample : J1018-03
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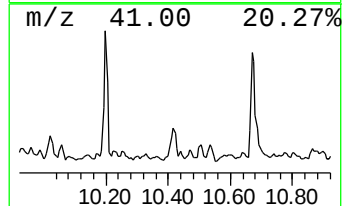
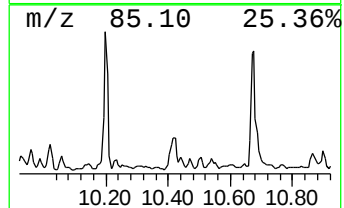
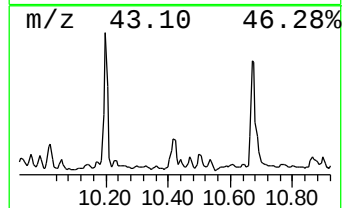
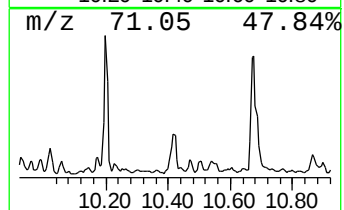
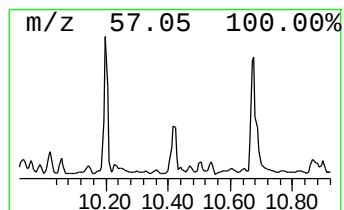
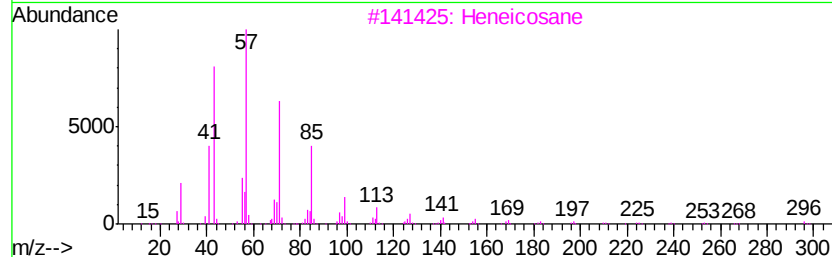
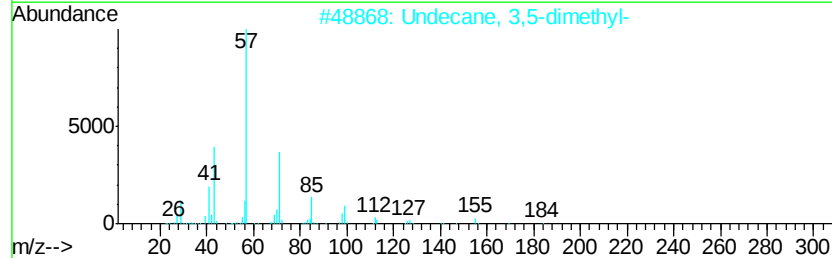
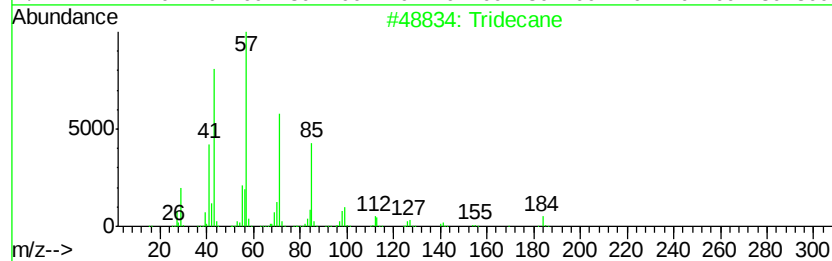
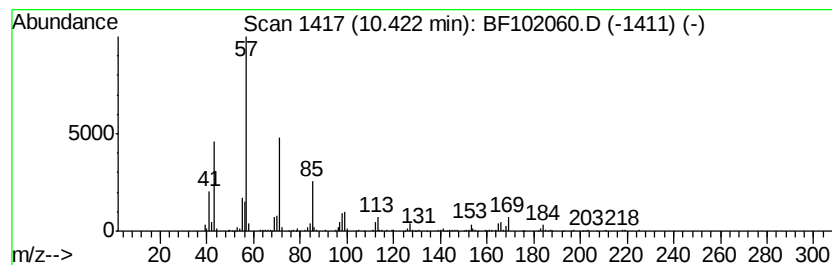
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tridecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.42	6.49 ng	482716	Acenaphthene-d10	9.76	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	76
2	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	53
3	Heneicosane	296	C21H44	000629-94-7	53
4	Dodecane, 3-methyl-	184	C13H28	017312-57-1	53
5	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	52



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF011218\
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Instrument :
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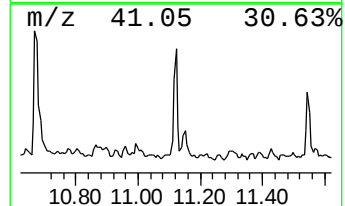
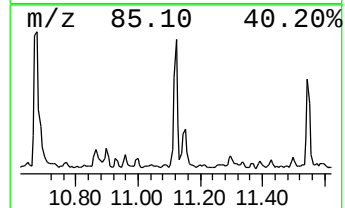
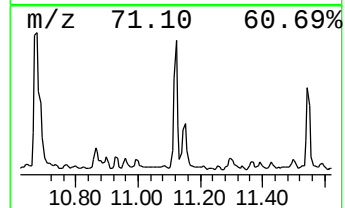
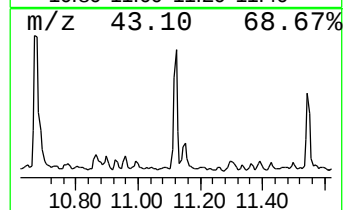
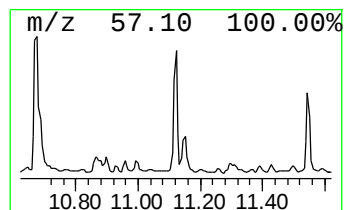
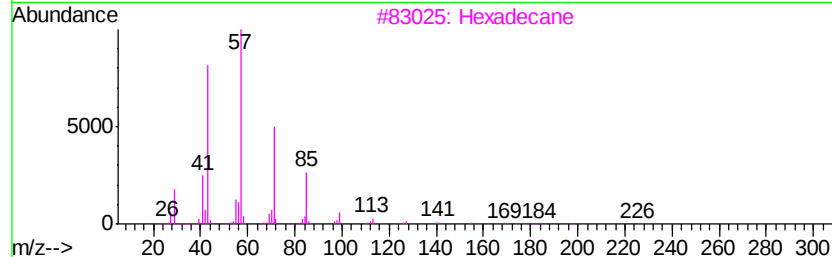
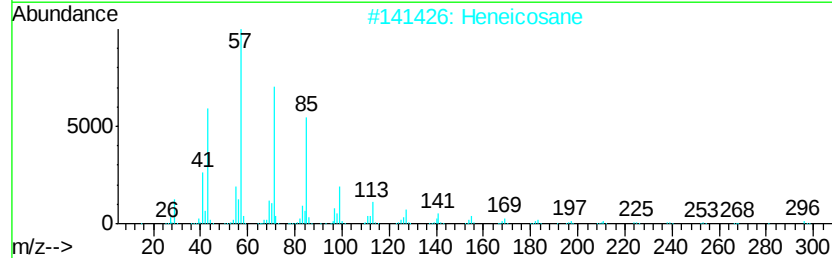
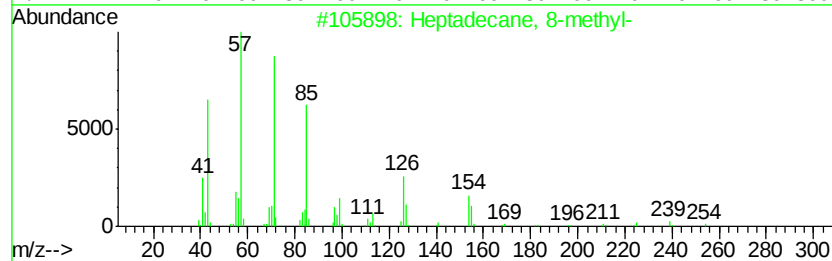
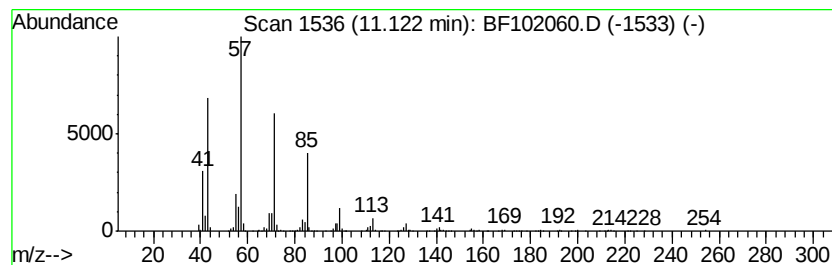
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heptadecane, 8-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.12	11.59 ng	727433	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	91
2		Heneicosane	296	C21H44	000629-94-7	90
3		Hexadecane	226	C16H34	000544-76-3	90
4		Dodecane, 2-methyl-	184	C13H28	001560-97-0	87
5		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86



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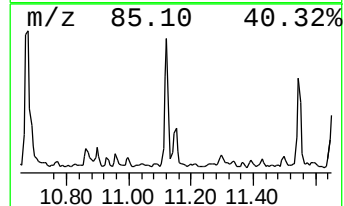
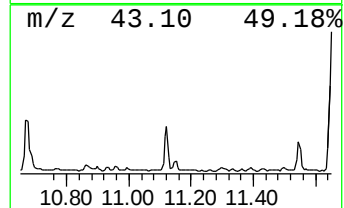
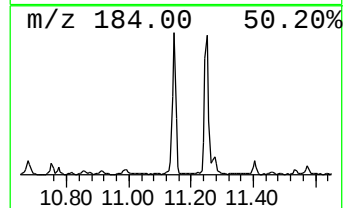
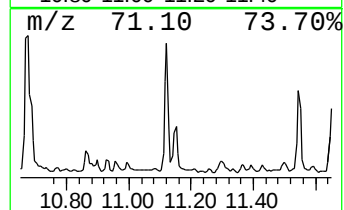
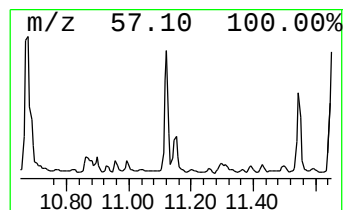
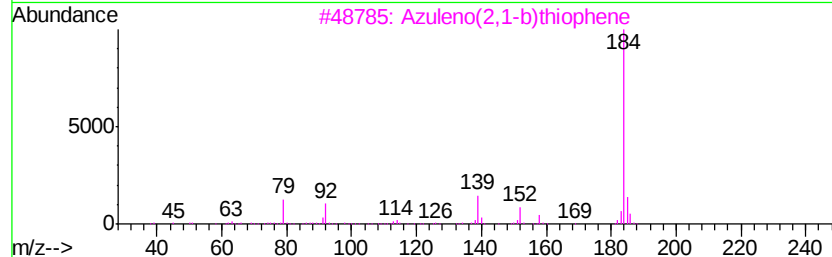
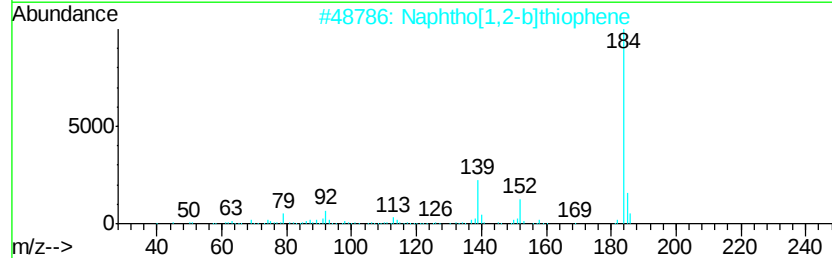
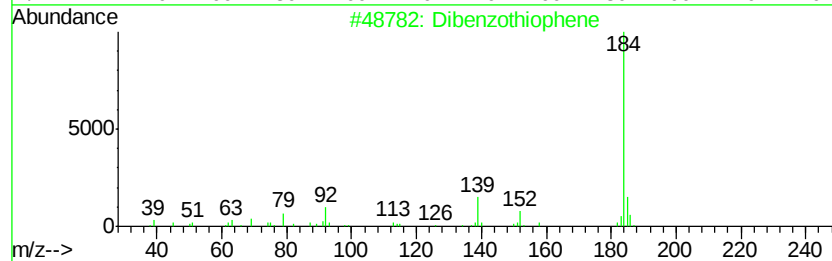
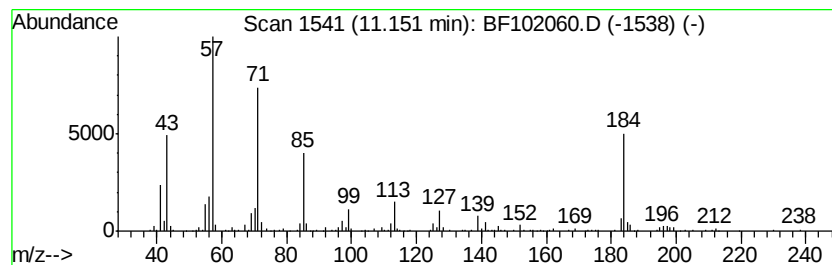
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Dibenzothiophene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.15	6.78 ng	425508	Phenanthrene-d10		11.25	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dibenzothiophene	184	C12H8S	000132-65-0	91
2		Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	78
3		Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	60
4		Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	60
5		Dibenzothiophene, 5-oxide	200	C12H8OS	001013-23-6	43



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF011218\
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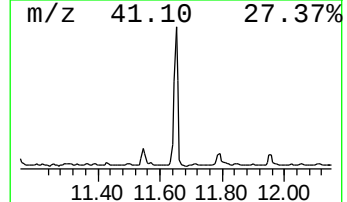
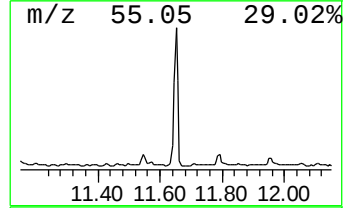
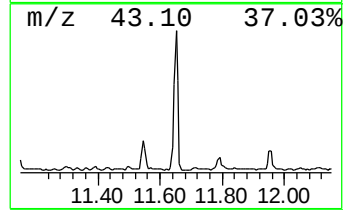
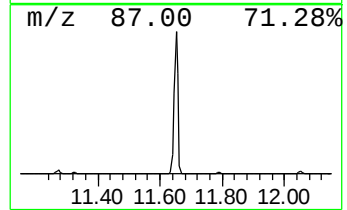
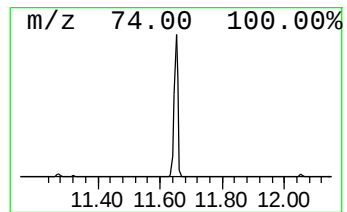
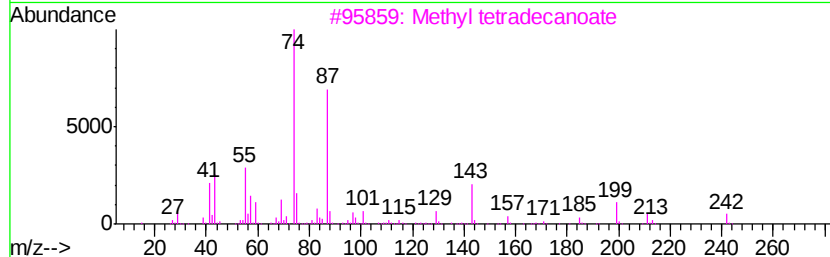
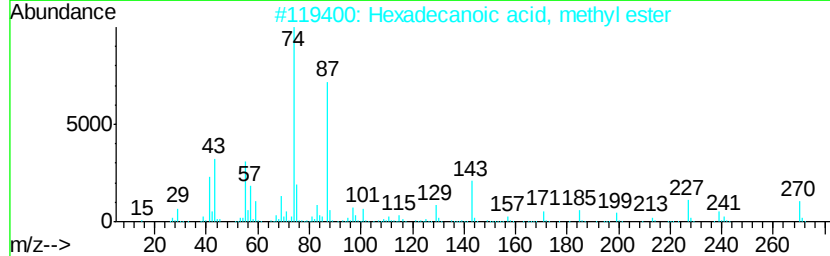
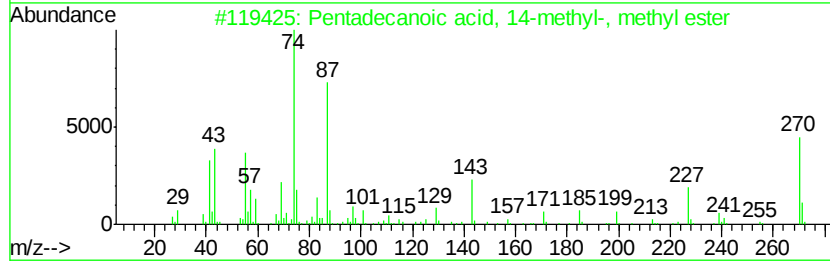
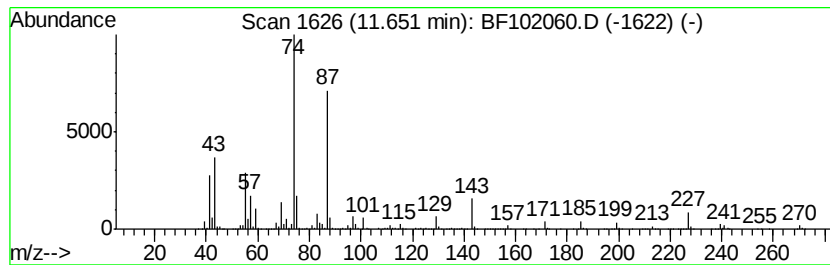
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Pentadecanoic acid, 14-meth... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	74.15 ng	4652370	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	94
2		Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	93
3		Methyl tetradecanoate	242	C15H30O2	000124-10-7	90
4		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
5		Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	90



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF011218\
Data File : BF102060.D
Acq On : 12 Jan 2018 23:06
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Misc :
ALS Vial : 20 Sample Multiplier: 1

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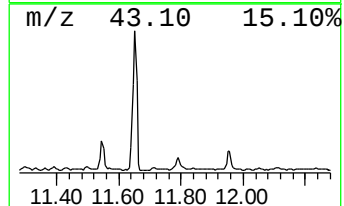
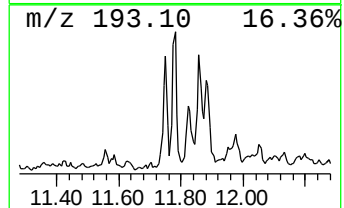
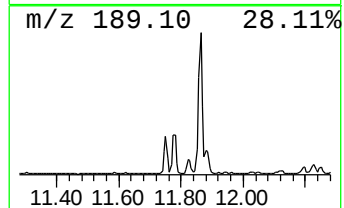
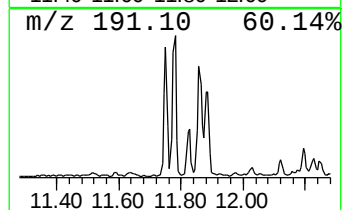
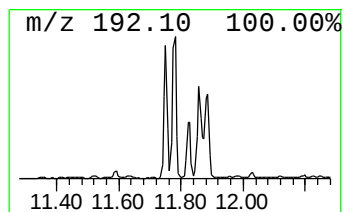
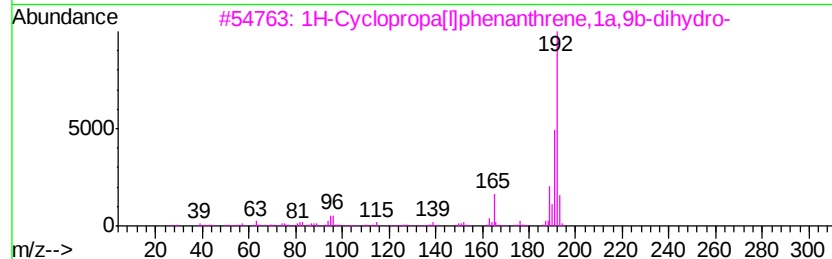
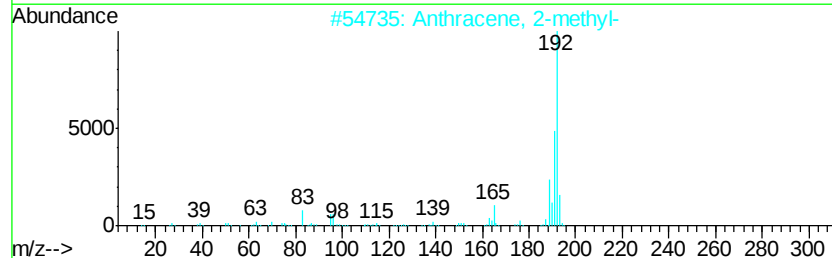
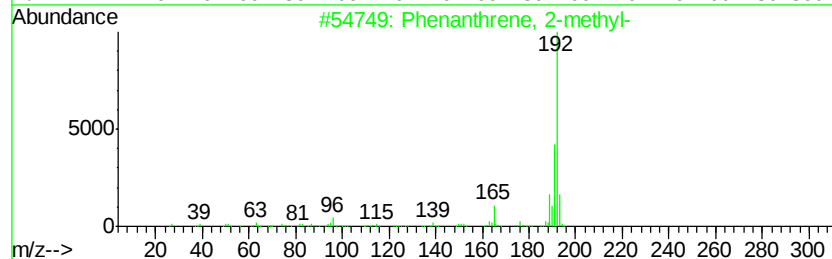
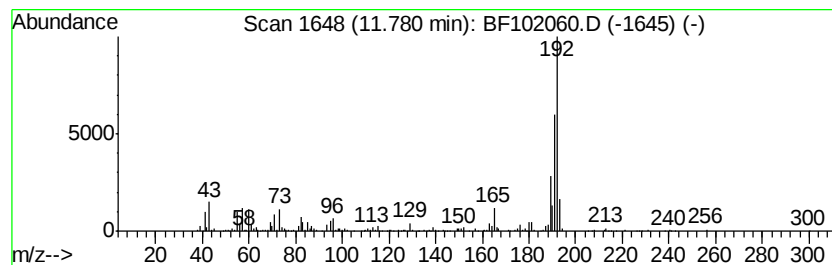
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Phenanthrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	11.57 ng	725855	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	94



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF011218\
Data File : BF102060.D
Acq On : 12 Jan 2018 23:06
Operator : SJ/JU
Sample : J1018-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

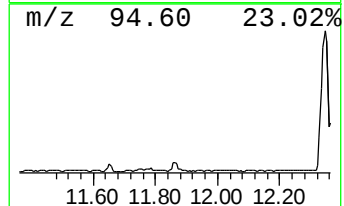
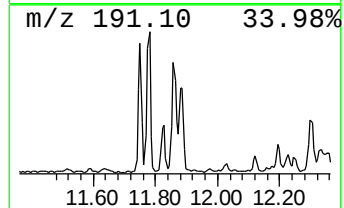
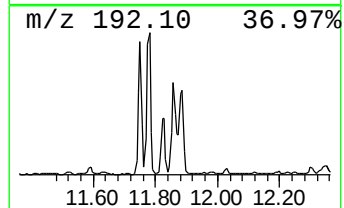
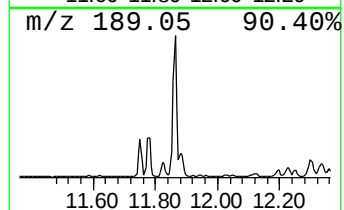
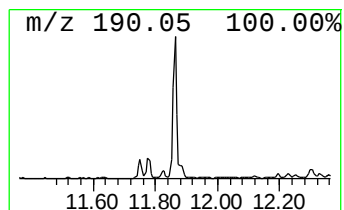
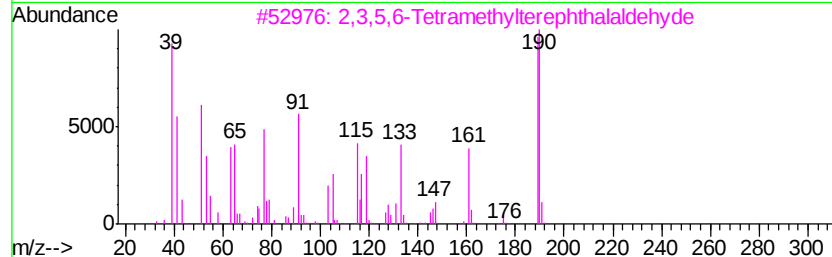
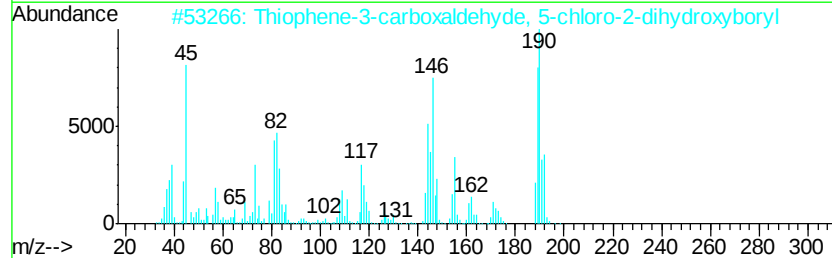
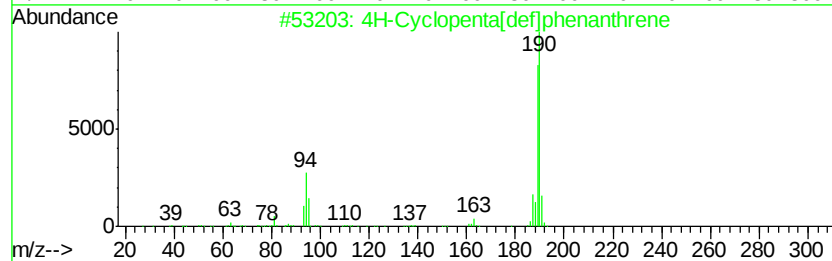
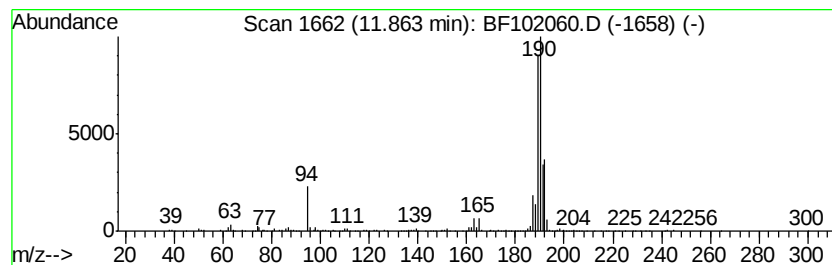
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ClientSampleId :
OR-01-011118

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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 4H-Cyclopenta[def]phenanthrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.86	9.24 ng	579709	Phenanthrene-d10	11.25	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4	Methyl diselenide	190	C2H6Se2	007101-31-7	49
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF011218\
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Acq On : 12 Jan 2018 23:06
Operator : SJ/JU
Sample : J1018-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OR-01-011118

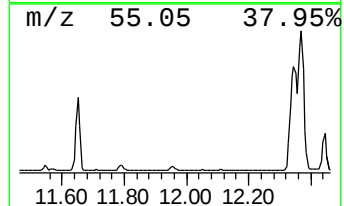
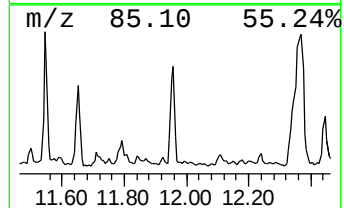
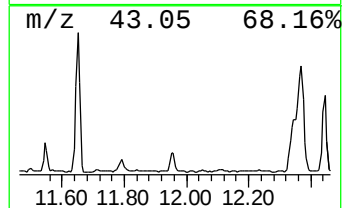
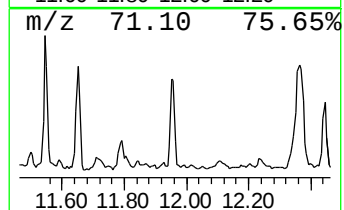
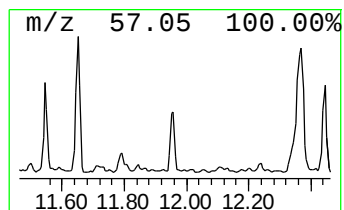
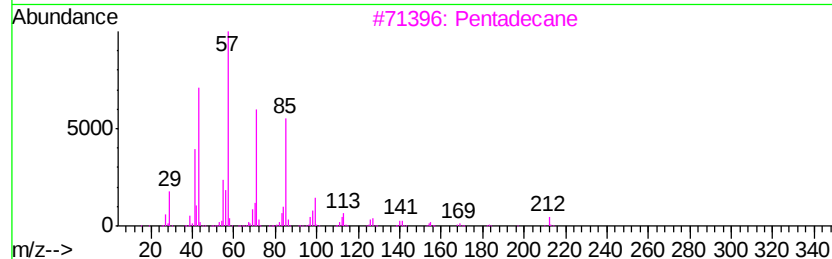
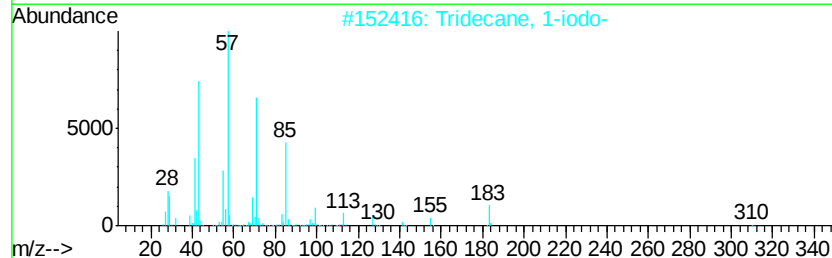
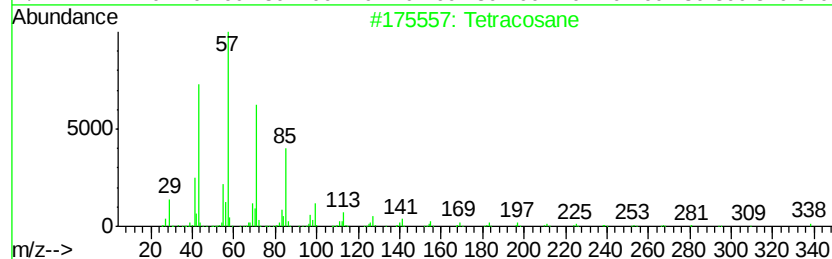
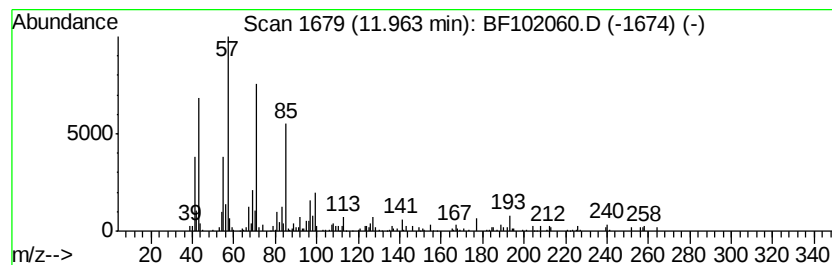
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Tetracosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	7.70 ng	482893	Phenanthrene-d10	11.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane	338	C24H50	000646-31-1	91
2			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
3			Pentadecane	212	C15H32	000629-62-9	86
4			Heneicosane	296	C21H44	000629-94-7	83
5			Octacosane	394	C28H58	000630-02-4	74



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF011218\
Data File : BF102060.D
Acq On : 12 Jan 2018 23:06
Operator : SJ/JU
Sample : J1018-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OR-01-011118

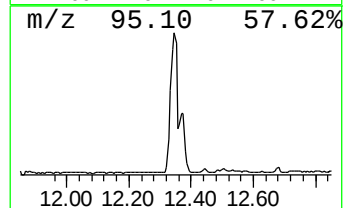
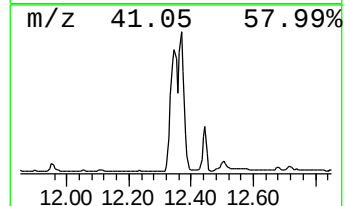
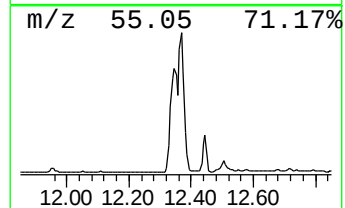
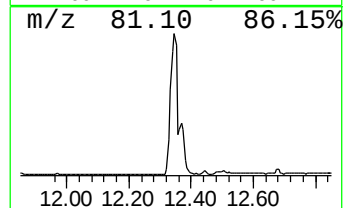
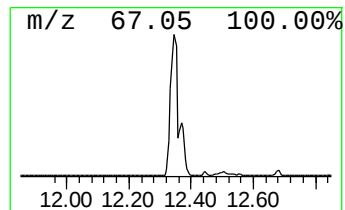
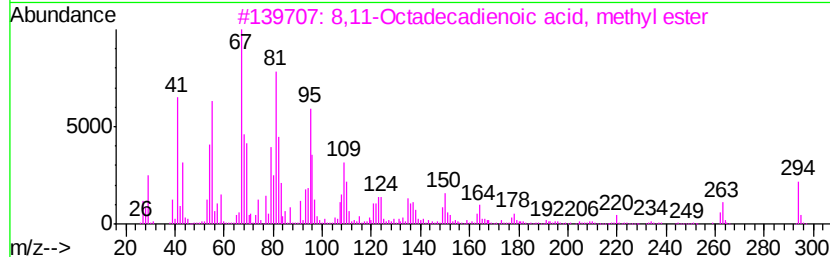
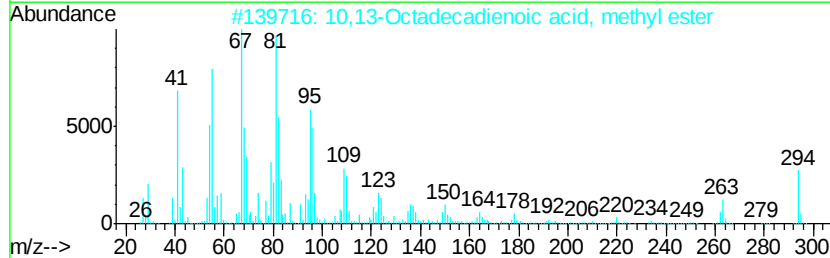
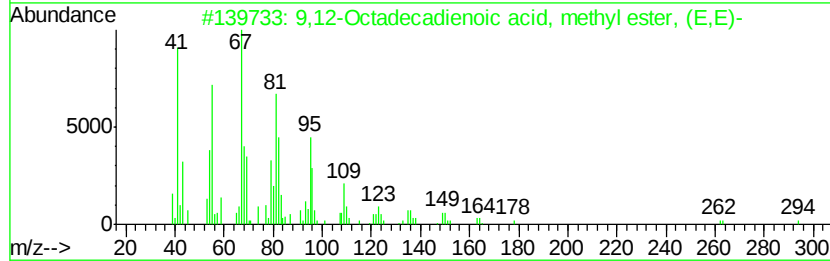
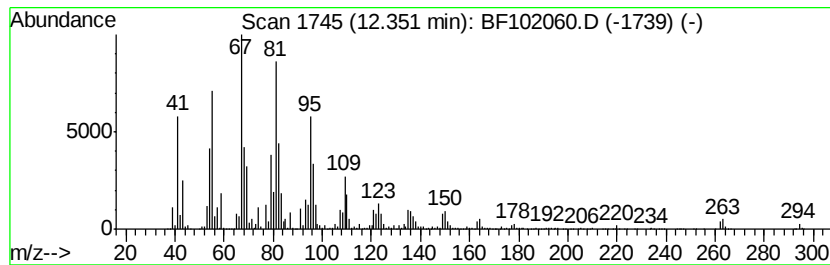
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	176.23 ng	11056900	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2		10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
3		8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99
4		9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
5		9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF011218\
Data File : BF102060.D
Acq On : 12 Jan 2018 23:06
Operator : SJ/JU
Sample : J1018-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

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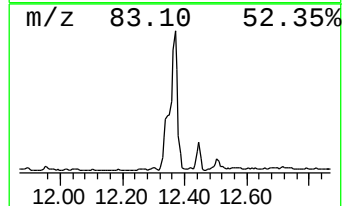
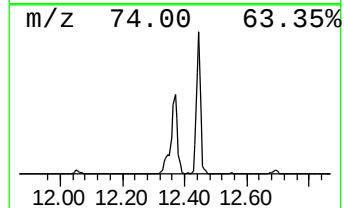
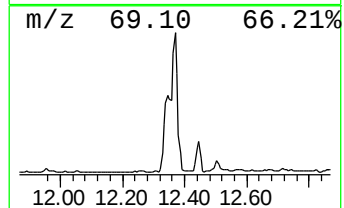
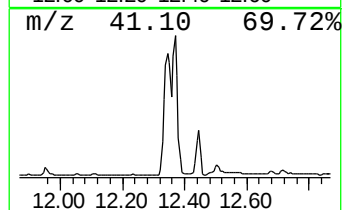
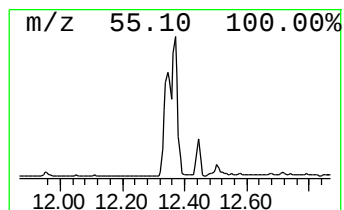
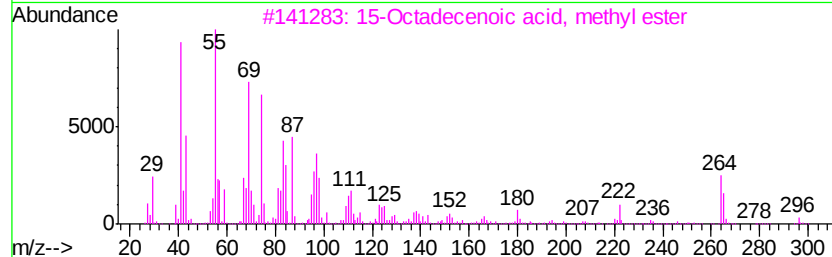
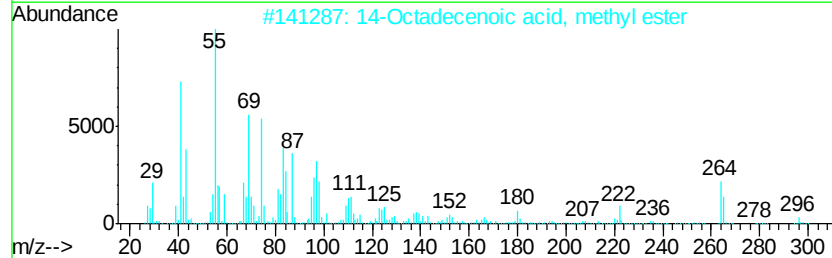
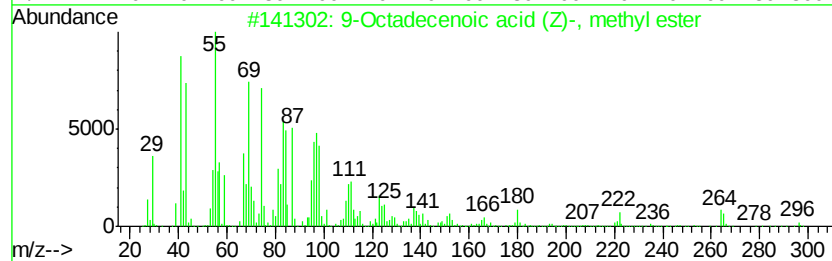
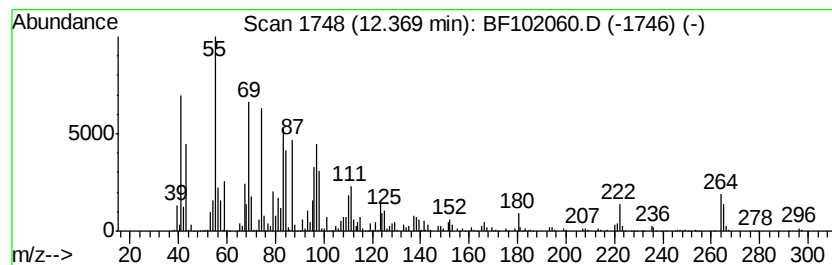
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	134.09 ng	8413090	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2		14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
3		15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99
4		13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
5		16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	96



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF011218\
Data File : BF102060.D
Acq On : 12 Jan 2018 23:06
Operator : SJ/JU
Sample : J1018-03
Misc :
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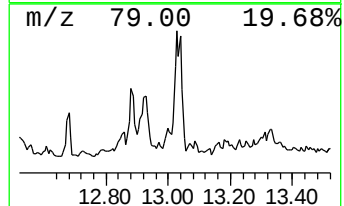
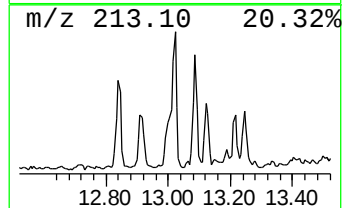
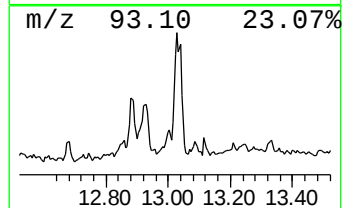
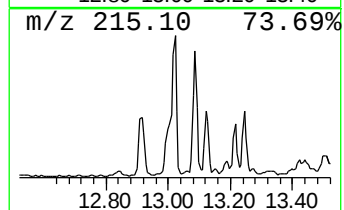
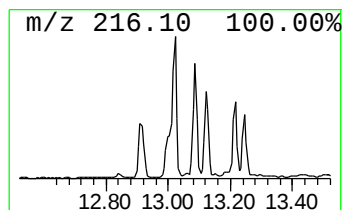
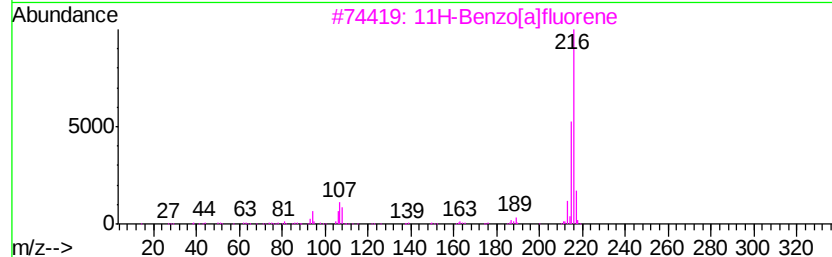
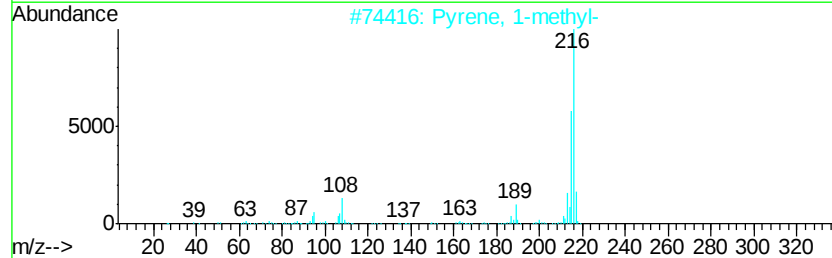
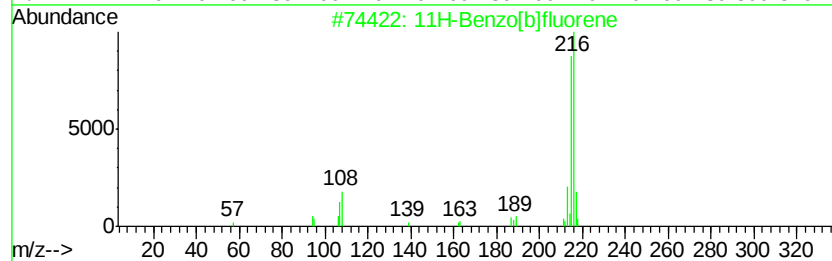
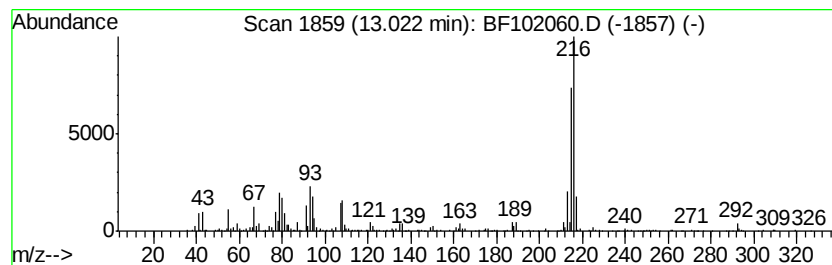
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	6.44 ng	705894	Chrysene-d12	13.89
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		11H-Benzo[b]fluorene	216 C17H12	000243-17-4 90
2		Pyrene, 1-methyl-	216 C17H12	002381-21-7 81
3		11H-Benzo[a]fluorene	216 C17H12	000238-84-6 81
4		Pyrene, 2-methyl-	216 C17H12	003442-78-2 80
5		7H-Benzo[c]fluorene	216 C17H12	000205-12-9 76



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF011218\
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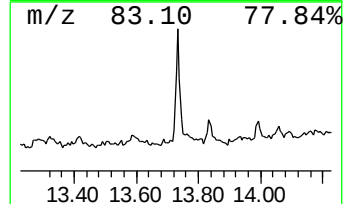
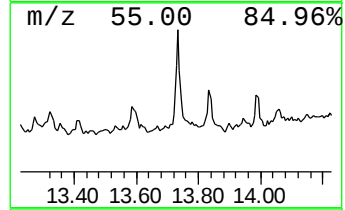
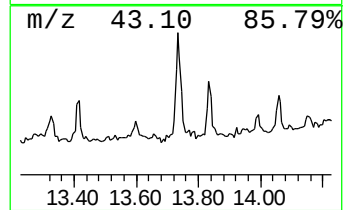
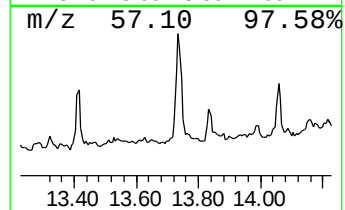
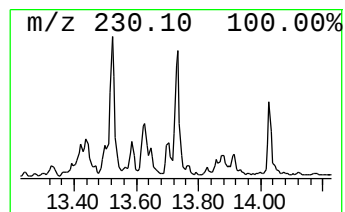
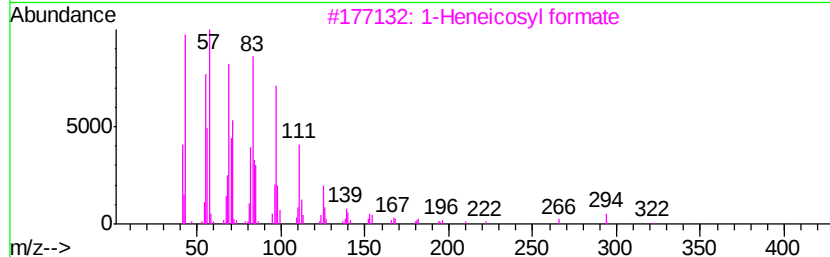
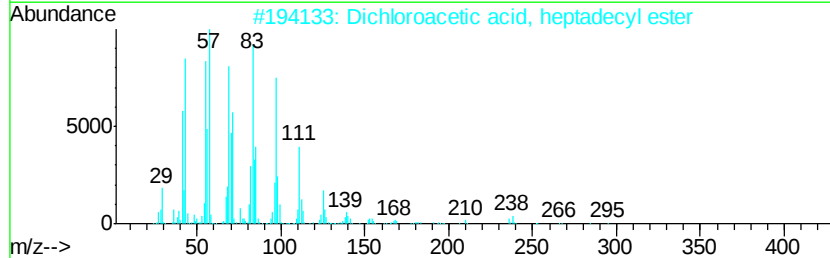
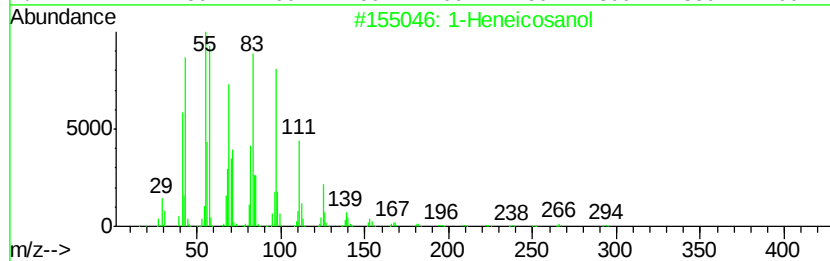
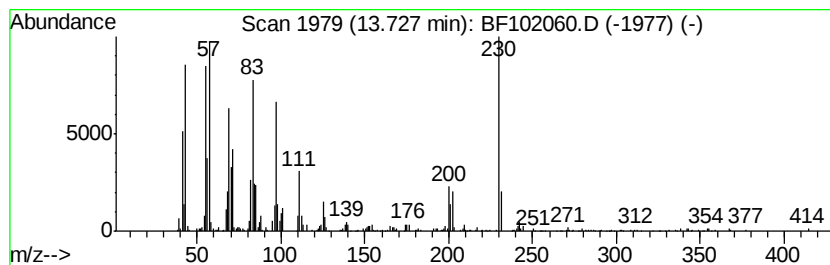
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 1-Heneicosanol Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.73	5.85 ng	641473	Chrysene-d12	13.89	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	90
2	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	83
3	1-Heneicosyl formate	340	C22H44O2	077899-03-7	83
4	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	83
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	83



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF011218\
 Data File : BF102060.D
 Acq On : 12 Jan 2018 23:06
 Operator : SJ/JU
 Sample : J1018-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-011118

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.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...	4.94	6.2	ng	416602	1	6.73	1340440	20.0
unknown6.50	6.50	77.0	ng	5159780	1	6.73	1340440	20.0
Tetradecane	9.17	10.0	ng	742023	3	9.76	1486490	20.0
Hexadecane	9.70	10.5	ng	779494	3	9.76	1486490	20.0
Bacchotricuneatin c	10.20	11.7	ng	867945	3	9.76	1486490	20.0
Tridecane	10.42	6.5	ng	482716	3	9.76	1486490	20.0
Heptadecane, 8-me...	11.12	11.6	ng	727433	4	11.25	1254830	20.0
Dibenzothiophene	11.15	6.8	ng	425508	4	11.25	1254830	20.0
Pentadecanoic aci...	11.65	74.2	ng	4652370	4	11.25	1254830	20.0
Phenanthrene, 2-m...	11.78	11.6	ng	725855	4	11.25	1254830	20.0
4H-Cyclopenta[def...	11.86	9.2	ng	579709	4	11.25	1254830	20.0
Tetracosane	11.96	7.7	ng	482893	4	11.25	1254830	20.0
9,12-Octadecadien...	12.35	176.2	ng	11056900	4	11.25	1254830	20.0
9-Octadecenoic ac...	12.37	134.1	ng	8413090	4	11.25	1254830	20.0
11H-Benzo[b]fluorene	13.02	6.4	ng	705894	5	13.89	2192090	20.0
1-Heneicosanol	13.73	5.8	ng	641473	5	13.89	2192090	20.0