

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022719\
 Data File : BF112726.D
 Acq On : 27 Feb 2019 18:31
 Operator : JU/SJ
 Sample : K1353-03 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-022619-B

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

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

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.339	548	553	556	rBV	2382620	2069468	17.50%	2.295%
2	6.363	722	727	732	rBV	2604358	2151285	18.19%	2.386%
3	6.504	747	751	754	rBV	2575506	2171347	18.36%	2.408%
4	6.739	787	791	794	rBV	1517806	1172304	9.91%	1.300%
5	6.892	814	817	821	rBV	1837215	1583615	13.39%	1.756%
6	7.292	878	885	888	rBV	1624401	1333944	11.28%	1.479%
7	7.351	893	895	898	rVB	256491	206440	1.75%	0.229%
8	7.551	924	929	934	rVB3	104857	159653	1.35%	0.177%
9	7.669	941	949	950	rBV6	73687	139311	1.18%	0.155%
10	7.757	961	964	967	rBV4	103699	125082	1.06%	0.139%
11	7.792	967	970	973	rVB2	122757	129595	1.10%	0.144%
12	8.022	1005	1009	1012	rBV	2150747	1919416	16.23%	2.129%
13	8.322	1055	1060	1063	rBV4	155603	207292	1.75%	0.230%
14	8.380	1068	1070	1073	rVB2	182539	125030	1.06%	0.139%
15	8.410	1073	1075	1078	rBV3	175454	185844	1.57%	0.206%
16	8.457	1081	1083	1088	rVV3	267462	333363	2.82%	0.370%
17	8.527	1092	1095	1099	rBV2	276293	228860	1.94%	0.254%
18	8.627	1107	1112	1115	rBV	970100	813109	6.88%	0.902%
19	8.680	1118	1121	1124	rVV3	178606	225617	1.91%	0.250%
20	8.727	1126	1129	1132	rVB3	186923	201457	1.70%	0.223%
21	8.845	1147	1149	1151	rVB	240555	170318	1.44%	0.189%
22	8.910	1157	1160	1162	rBV2	165291	135966	1.15%	0.151%
23	8.986	1171	1173	1177	rVB2	193331	175093	1.48%	0.194%
24	9.033	1178	1181	1183	rBV3	155239	152506	1.29%	0.169%
25	9.057	1183	1185	1188	rVB2	370699	284726	2.41%	0.316%
26	9.092	1188	1191	1194	rBV	2376328	1859947	15.73%	2.063%
27	9.192	1204	1208	1211	rBV	1140358	963042	8.14%	1.068%
28	9.245	1213	1217	1220	rVB2	174641	189190	1.60%	0.210%
29	9.351	1231	1235	1238	rBV4	183515	265867	2.25%	0.295%
30	9.451	1250	1252	1256	rVB3	156010	160168	1.35%	0.178%
31	9.510	1256	1262	1264	rBV3	333938	498362	4.21%	0.553%
32	9.716	1294	1297	1300	rVB	1154228	902280	7.63%	1.001%
33	9.769	1301	1306	1309	rBV	1593347	1510727	12.78%	1.676%
34	9.798	1309	1311	1314	rVB	195705	151123	1.28%	0.168%

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 Sampling : 1
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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.957	1333	1338	1339	rBV2	163659	258631	2.19%	0.287%
36	9.974	1339	1341	1344	rVB3	199247	202092	1.71%	0.224%
37	10.039	1349	1352	1356	rVB3	271285	283140	2.39%	0.314%
38	10.074	1356	1358	1362	rBV2	115794	164818	1.39%	0.183%
39	10.216	1379	1382	1385	rVB	1166370	834736	7.06%	0.926%
40	10.310	1395	1398	1400	rBV	224493	176528	1.49%	0.196%
41	10.433	1415	1419	1422	rBV	352455	426353	3.61%	0.473%
42	10.516	1431	1433	1435	rBV2	153971	152179	1.29%	0.169%
43	10.545	1435	1438	1443	rVB	1421191	1219722	10.31%	1.353%
44	10.686	1459	1462	1469	rBV	1087342	1143197	9.67%	1.268%
45	10.880	1493	1495	1499	rVB3	126681	147803	1.25%	0.164%
46	11.010	1515	1517	1521	rVB3	118839	123212	1.04%	0.137%
47	11.133	1535	1538	1541	rBV2	942744	727126	6.15%	0.806%
48	11.163	1541	1543	1549	rVB	337496	332311	2.81%	0.369%
49	11.245	1553	1557	1558	rBV	1280174	1182032	10.00%	1.311%
50	11.263	1558	1560	1564	rVV	1226322	1097189	9.28%	1.217%
51	11.316	1566	1569	1573	rVB	463556	383905	3.25%	0.426%
52	11.557	1607	1610	1612	rBV	756865	606986	5.13%	0.673%
53	11.574	1612	1613	1617	rVB2	260787	177094	1.50%	0.196%
54	11.657	1623	1627	1630	rVB	5475202	4701137	39.76%	5.214%
55	11.786	1644	1649	1652	rBV2	729799	807143	6.83%	0.895%
56	11.815	1652	1654	1657	rVB	159124	135920	1.15%	0.151%
57	11.851	1657	1660	1663	rBV	339613	333006	2.82%	0.369%
58	11.963	1677	1679	1684	rVB	623964	539189	4.56%	0.598%
59	12.057	1693	1695	1700	rVB3	152760	141560	1.20%	0.157%
60	12.292	1729	1735	1739	rBV3	148704	271754	2.30%	0.301%
61	12.345	1739	1744	1746	rVV	8832791	11824788	100.00%	13.115%
62	12.368	1746	1748	1753	rVV	9938822	11713460	99.06%	12.991%
63	12.410	1753	1755	1758	rVB2	247919	207790	1.76%	0.230%
64	12.451	1758	1762	1764	rBV2	3667361	3683261	31.15%	4.085%
65	12.474	1764	1766	1768	rVV	619643	720823	6.10%	0.799%
66	12.498	1768	1770	1780	rVV	1614136	1955374	16.54%	2.169%
67	12.568	1780	1782	1789	rVB2	549204	576937	4.88%	0.640%
68	12.674	1795	1800	1803	rBV	2019369	2163148	18.29%	2.399%
69	12.721	1806	1808	1811	rVB2	407206	308047	2.61%	0.342%
70	12.798	1818	1821	1823	rBV	132263	132145	1.12%	0.147%
71	12.827	1823	1826	1829	rVB	1968597	1590344	13.45%	1.764%

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72	13.004	1850	1856	1865	rBV	612814	1049754	8.88%	1.164%
73	13.074	1865	1868	1872	rBV3	568589	878145	7.43%	0.974%
74	13.168	1881	1884	1891	rBV3	507733	737447	6.24%	0.818%
75	13.221	1891	1893	1896	rBV2	282690	268264	2.27%	0.298%
76	13.321	1907	1910	1913	rVB2	223493	237904	2.01%	0.264%
77	13.368	1915	1918	1922	rVV3	187875	196499	1.66%	0.218%
78	13.415	1923	1926	1930	rVB	304165	306159	2.59%	0.340%
79	13.615	1957	1960	1963	rBV2	136654	166876	1.41%	0.185%
80	13.833	1994	1997	1999	rBV	416271	385937	3.26%	0.428%
81	13.868	1999	2003	2005	rVV2	1881345	2341665	19.80%	2.597%
82	13.892	2005	2007	2010	rVB	780222	630774	5.33%	0.700%
83	13.974	2018	2021	2024	rVB	171997	154785	1.31%	0.172%
84	14.057	2032	2035	2038	rBV2	305133	298133	2.52%	0.331%
85	14.215	2059	2062	2064	rBV2	138682	152931	1.29%	0.170%
86	14.339	2080	2083	2085	rBV3	305405	345618	2.92%	0.383%
87	14.362	2085	2087	2091	rVB2	350921	336246	2.84%	0.373%
88	14.451	2100	2102	2105	rVB3	214618	175419	1.48%	0.195%
89	14.662	2135	2138	2143	rBV	377765	405713	3.43%	0.450%
90	14.733	2147	2150	2151	rVV2	237534	234235	1.98%	0.260%
91	14.762	2151	2155	2162	rVB	796834	1153655	9.76%	1.280%
92	14.874	2171	2174	2177	rBV	611353	856305	7.24%	0.950%
93	14.980	2188	2192	2198	rVB	563239	685674	5.80%	0.760%
94	15.156	2219	2222	2227	rVB	426746	485568	4.11%	0.539%
95	15.215	2228	2232	2236	rBV	572254	675106	5.71%	0.749%
96	15.274	2238	2242	2245	rBV	980950	1110037	9.39%	1.231%
97	15.339	2250	2253	2257	rVB	327446	383797	3.25%	0.426%
98	15.745	2319	2322	2326	rVB	336525	417782	3.53%	0.463%
99	16.362	2424	2427	2435	rVB2	218013	371525	3.14%	0.412%
100	16.621	2468	2471	2477	rVB2	220041	375430	3.17%	0.416%

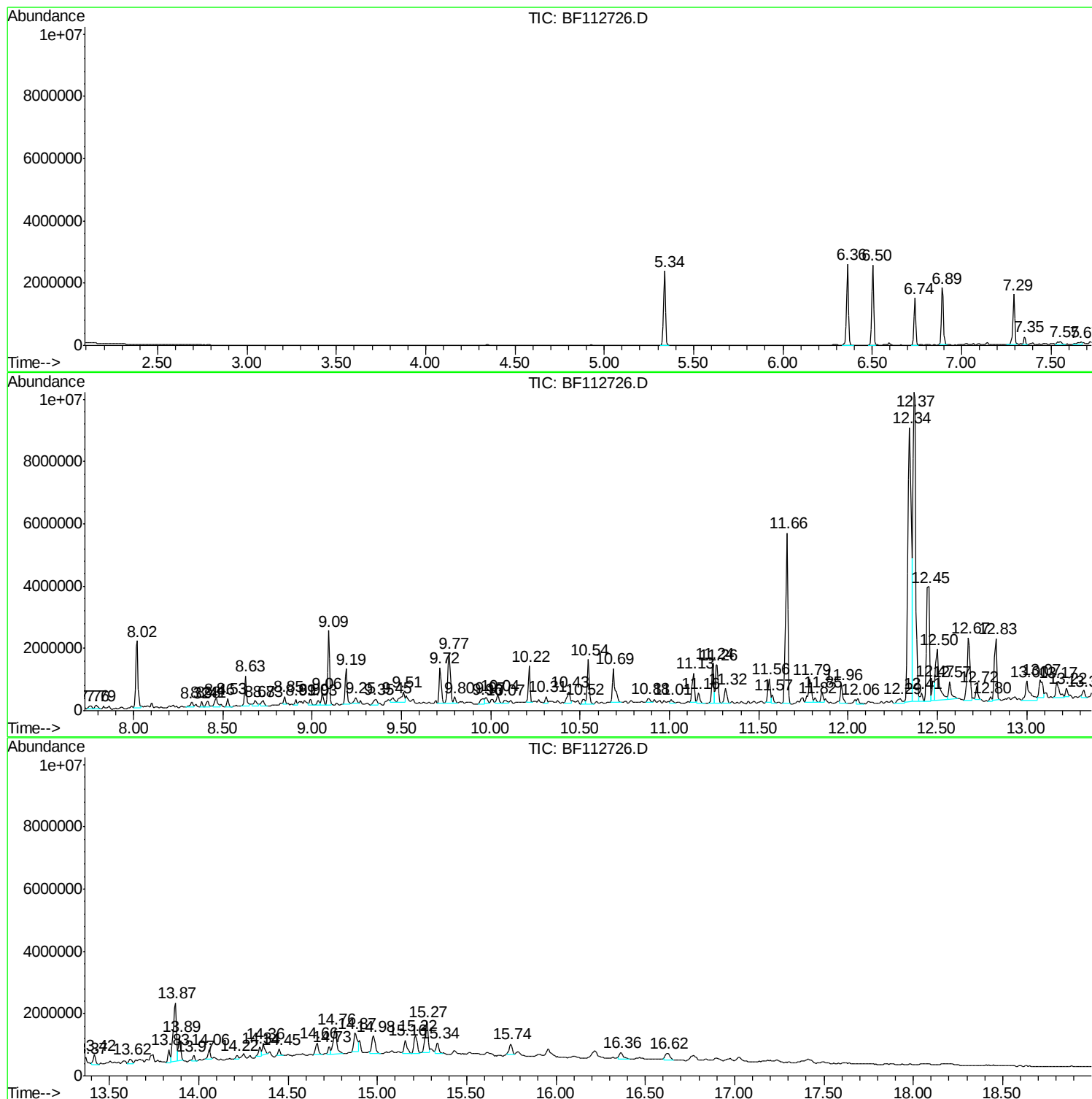
Sum of corrected areas: 90163610

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ALS Vial : 9 Sample Multiplier: 1

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

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



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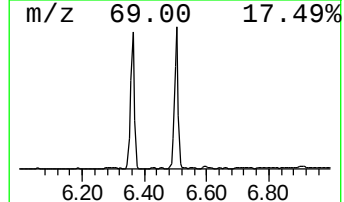
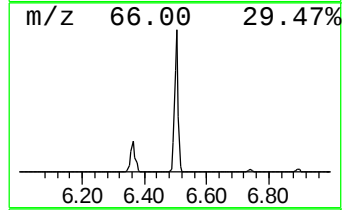
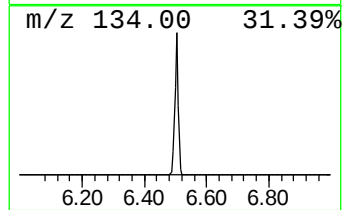
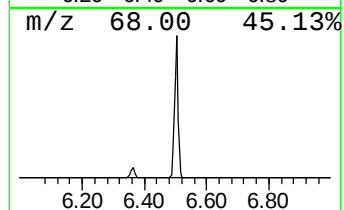
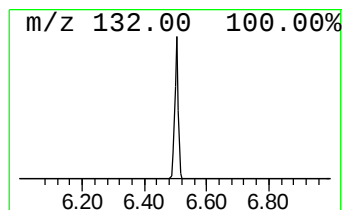
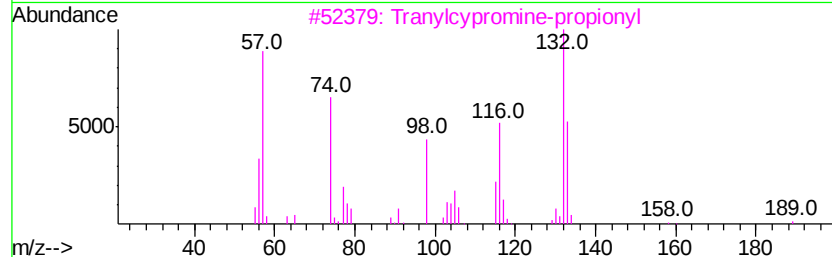
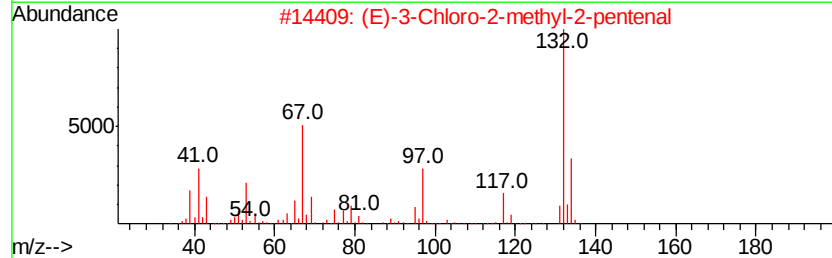
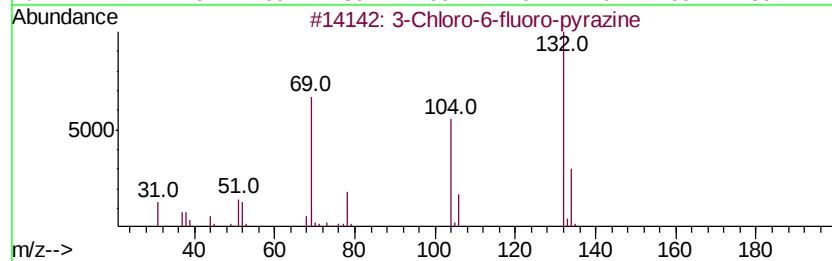
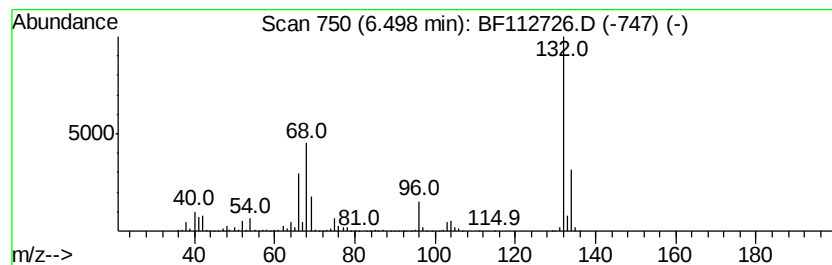
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.50 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	37.04 ng	2171350	1,4-Dichlorobenzene-d4	6.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3		Tranvlcypropane-propionyl	189	C12H15NO	1000123-86-3	12
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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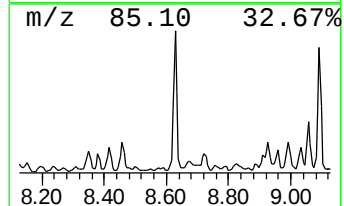
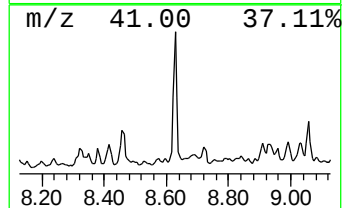
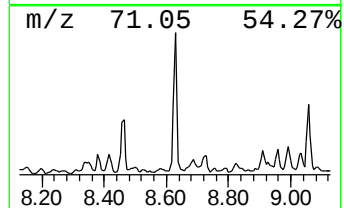
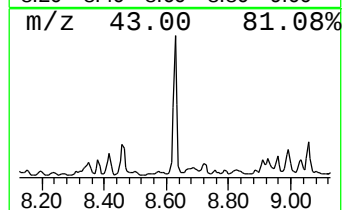
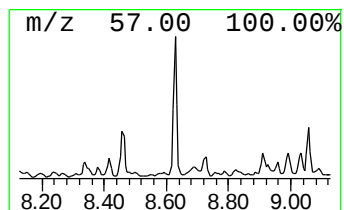
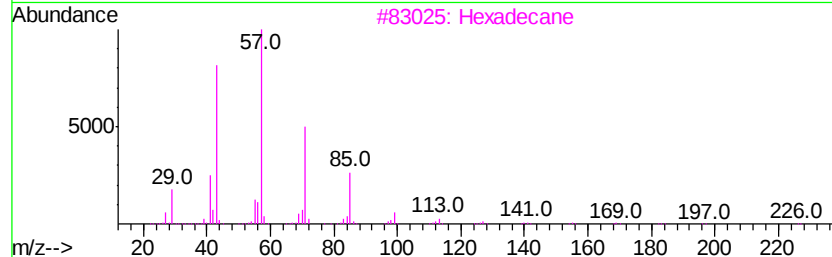
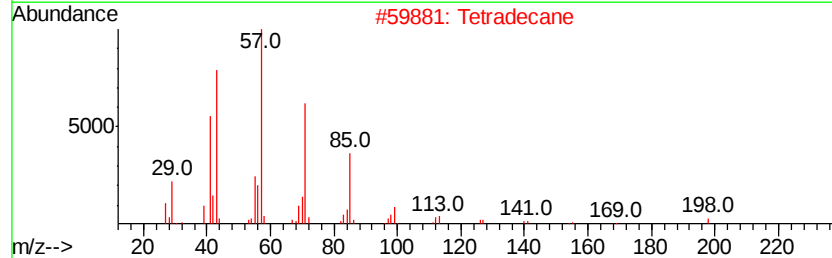
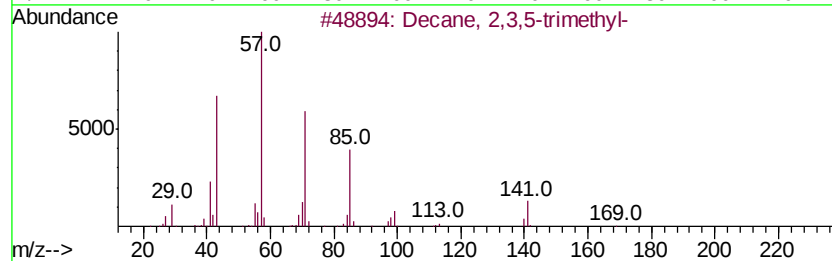
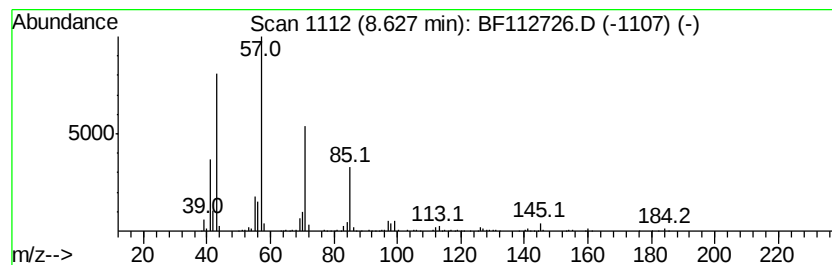
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Decane, 2,3,5-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.63	8.47 ng	813109	Naphthalene-d8	8.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
2		Tetradecane	198	C14H30	000629-59-4	86
3		Hexadecane	226	C16H34	000544-76-3	80
4		Nonane, 5-butyl-	184	C13H28	017312-63-9	74
5		Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	72



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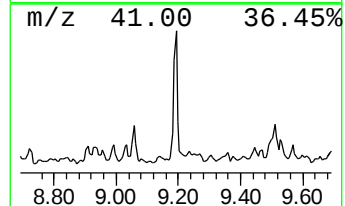
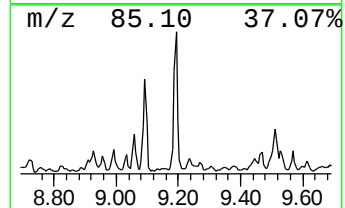
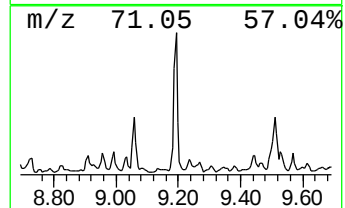
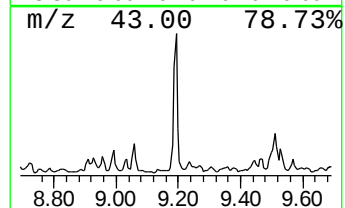
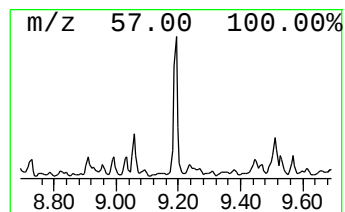
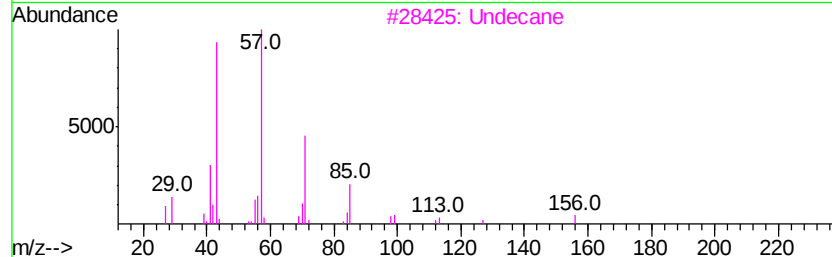
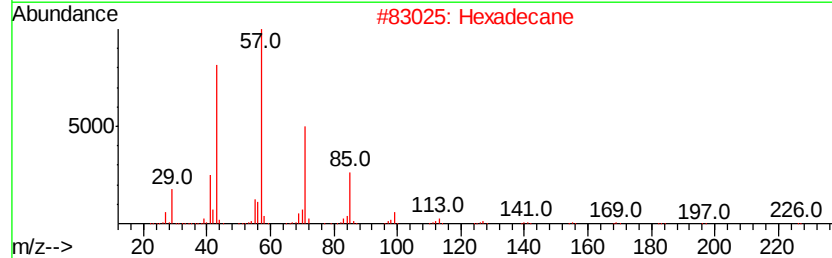
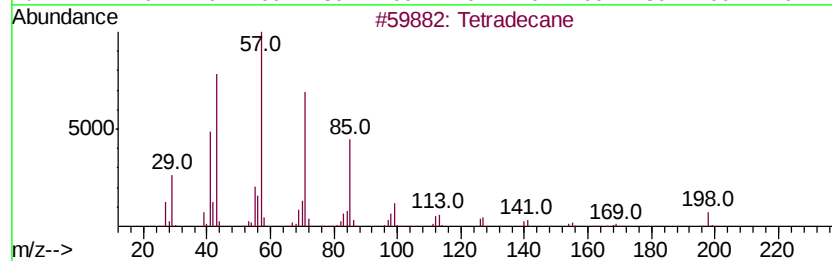
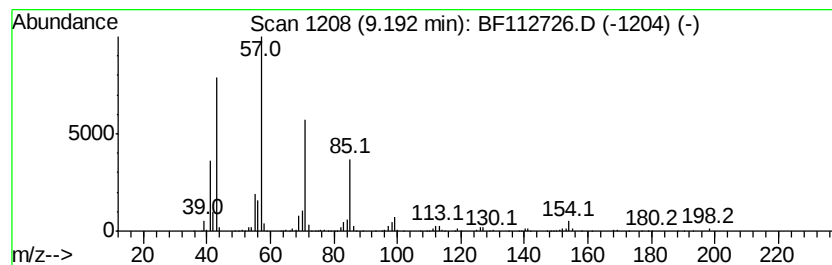
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Tetradecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.19	12.75 ng	963042	Acenaphthene-d10	9.77

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	97
2		Hexadecane	226	C16H34	000544-76-3	87
3		Undecane	156	C11H24	001120-21-4	80
4		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78
5		Tridecane	184	C13H28	000629-50-5	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
Data File : BF112726.D
Acq On : 27 Feb 2019 18:31
Operator : JU/SJ
Sample : K1353-03 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-02-022619-B

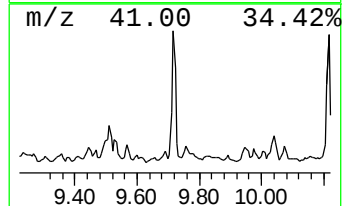
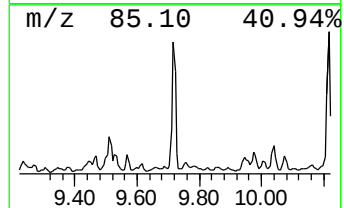
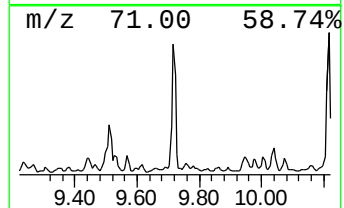
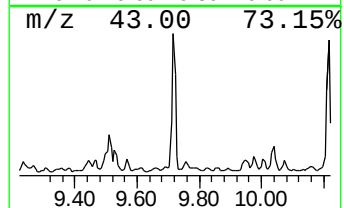
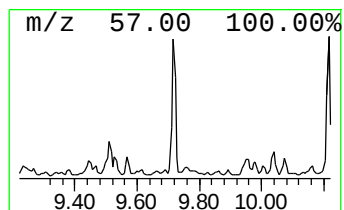
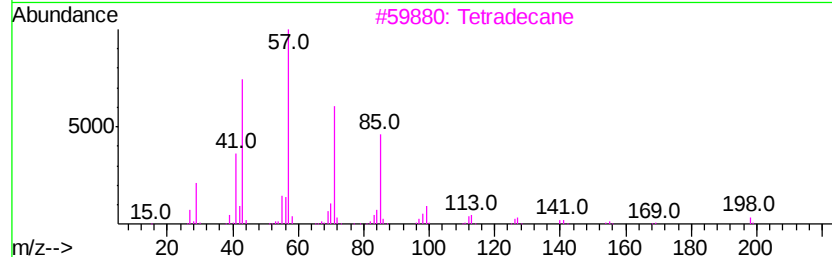
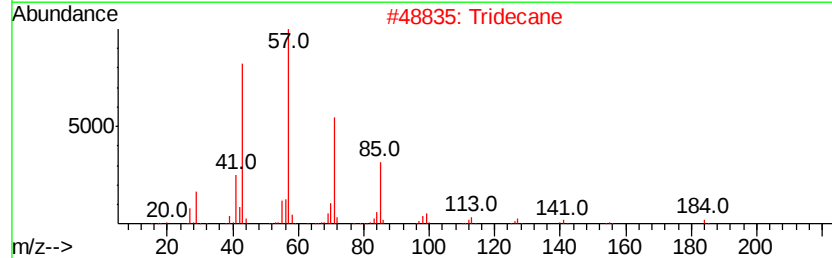
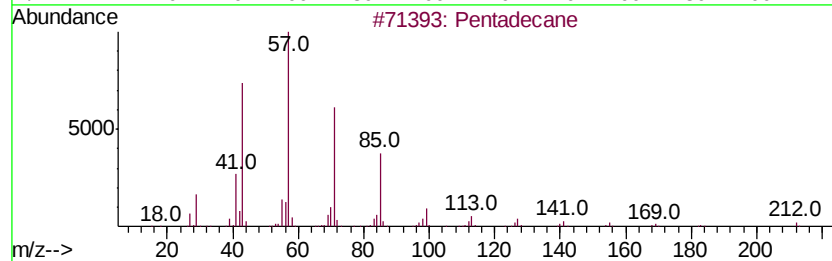
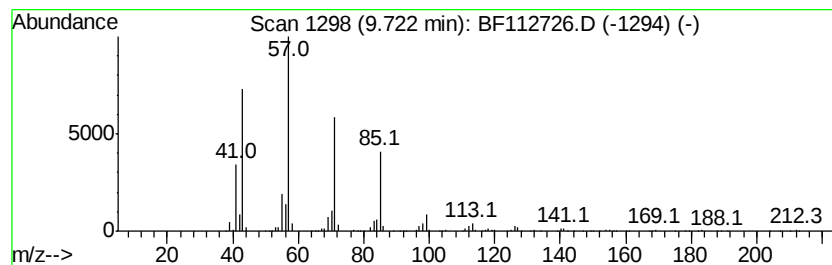
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Pentadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.72	11.95 ng	902280	Acenaphthene-d10	9.77

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane		212	C15H32	000629-62-9	95
2	Tridecane		184	C13H28	000629-50-5	90
3	Tetradecane		198	C14H30	000629-59-4	90
4	Hexadecane		226	C16H34	000544-76-3	83
5	Nonane, 3,7-dimethyl-		156	C11H24	017302-32-8	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
Data File : BF112726.D
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Operator : JU/SJ
Sample : K1353-03 2X
Misc :
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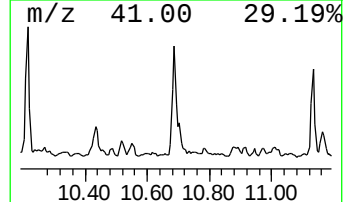
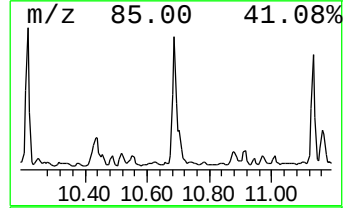
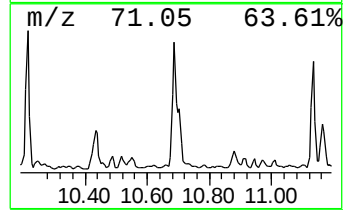
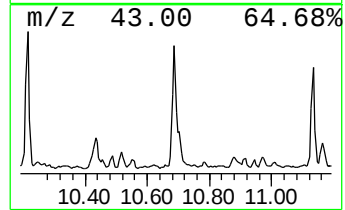
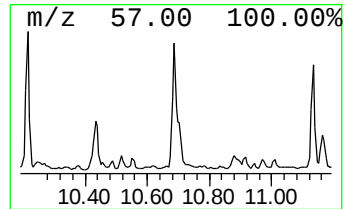
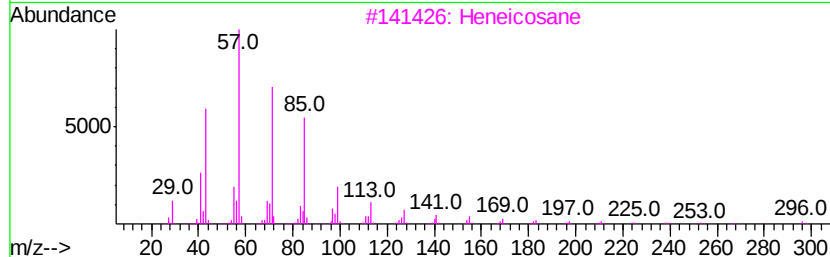
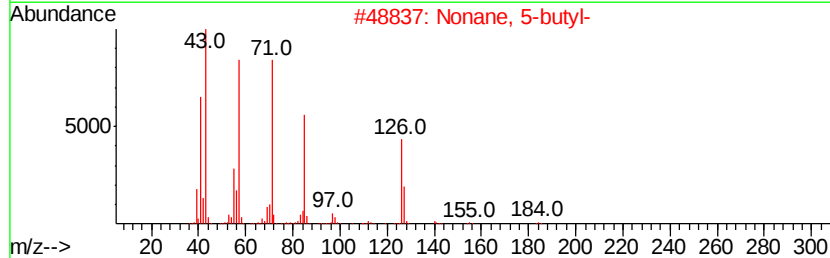
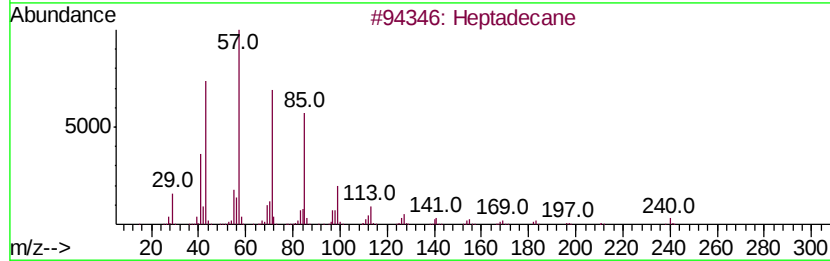
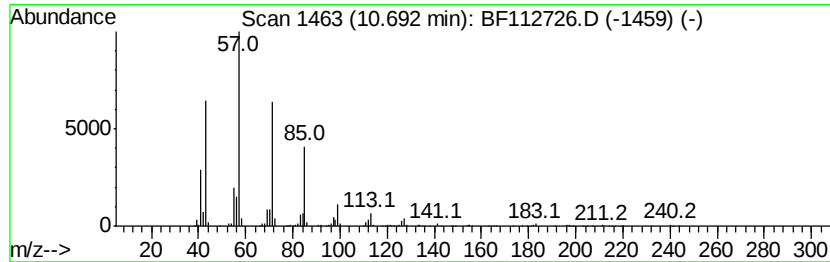
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heptadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.		
10.69	19.34 ng	1143200	Phenanthrene-d10	11.24		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	97
2	Nonane, 5-butyl-		184	C13H28	017312-63-9	90
3	Heneicosane		296	C21H44	000629-94-7	90
4	Hexadecane		226	C16H34	000544-76-3	90
5	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
Data File : BF112726.D
Acq On : 27 Feb 2019 18:31
Operator : JU/SJ
Sample : K1353-03 2X
Misc :
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Instrument :
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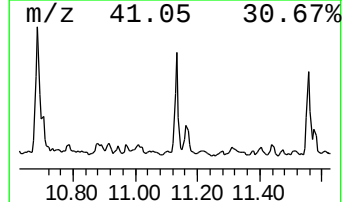
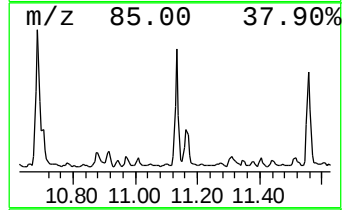
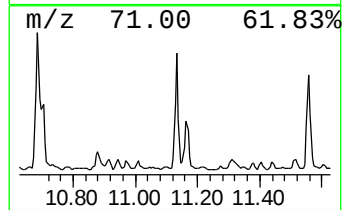
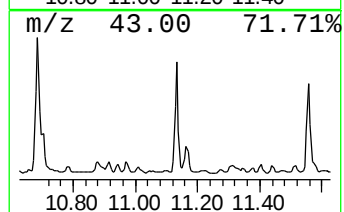
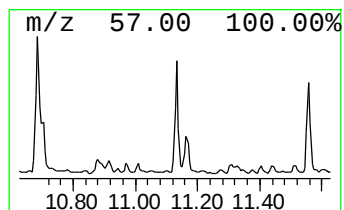
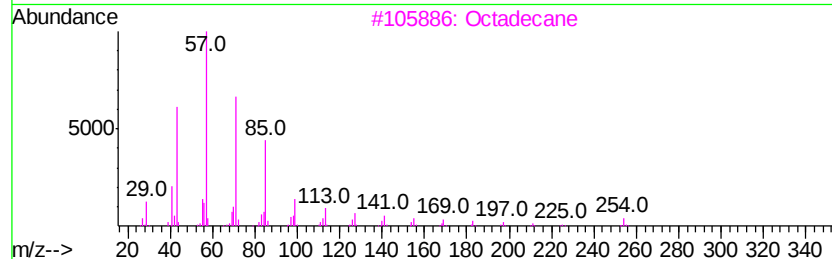
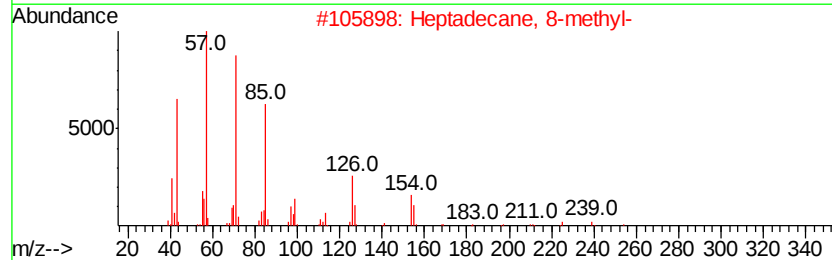
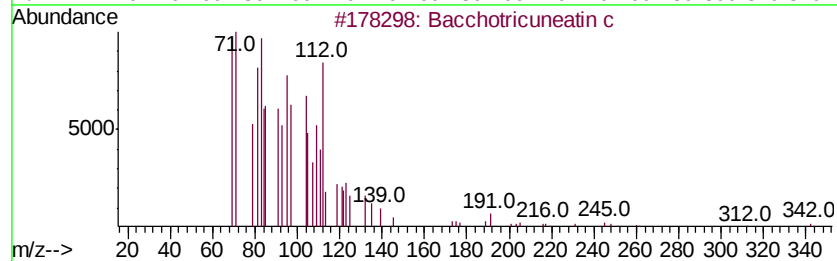
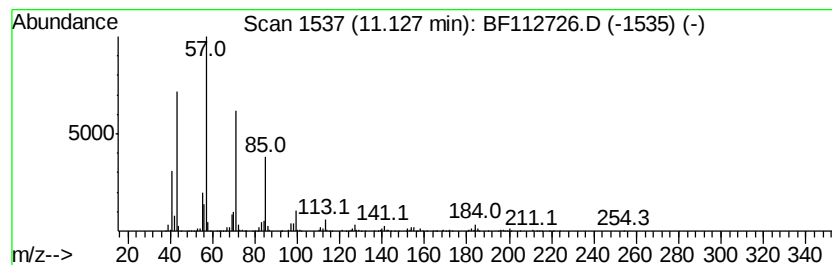
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Bacchotricuneatin c Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.13	12.30 ng	727126	Phenanthrene-d10	11.24

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Bacchotricuneatin c	342	C20H22O5	066563-30-2	96
2		Heptadecane, 8-methyl-	254	C18H38	013287-23-5	93
3		Octadecane	254	C18H38	000593-45-3	93
4		Hexadecane	226	C16H34	000544-76-3	86
5		Heneicosane	296	C21H44	000629-94-7	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
Data File : BF112726.D
Acq On : 27 Feb 2019 18:31
Operator : JU/SJ
Sample : K1353-03 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

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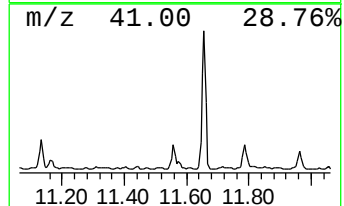
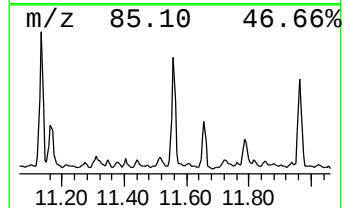
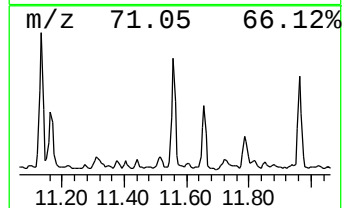
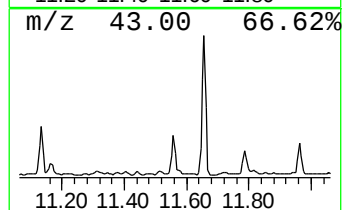
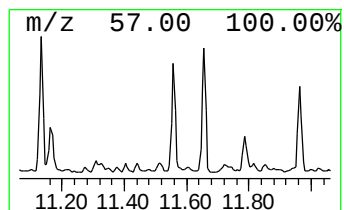
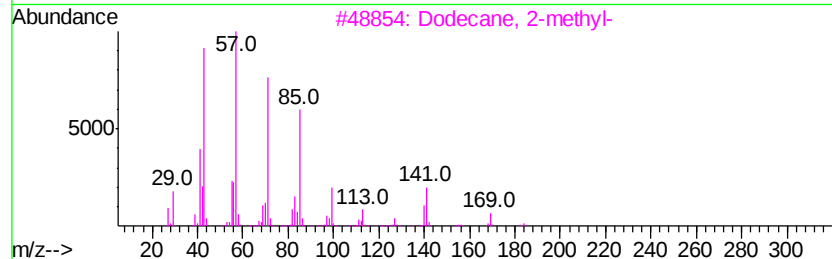
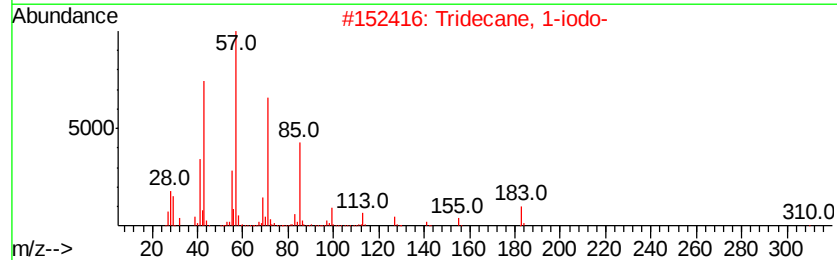
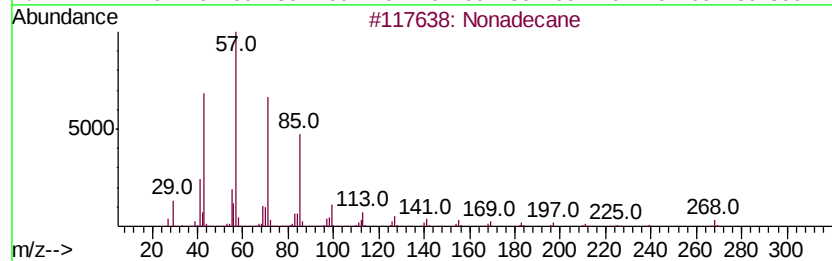
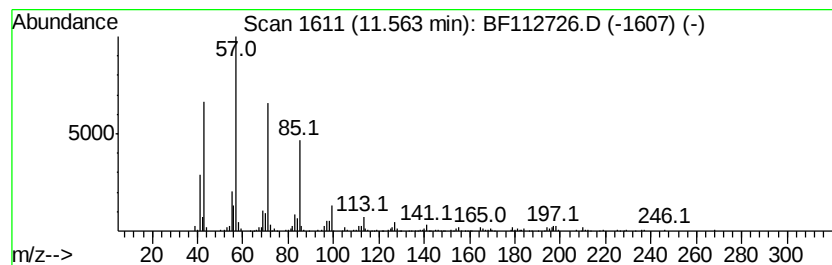
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Nonadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.56	10.27 ng	606986	Phenanthrene-d10	11.24

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane		268	C19H40	000629-92-5	94
2	Tridecane, 1-iodo-		310	C13H27I	035599-77-0	91
3	Dodecane, 2-methyl-		184	C13H28	001560-97-0	90
4	Hexadecane		226	C16H34	000544-76-3	90
5	Heneicosane		296	C21H44	000629-94-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
Data File : BF112726.D
Acq On : 27 Feb 2019 18:31
Operator : JU/SJ
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Misc :
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Instrument :
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ClientSampleId :
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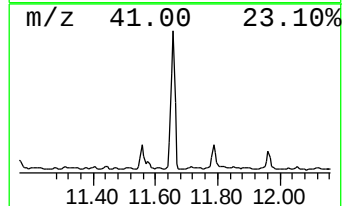
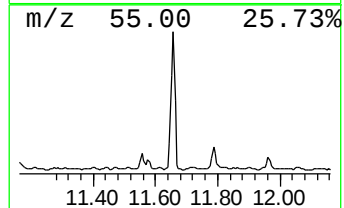
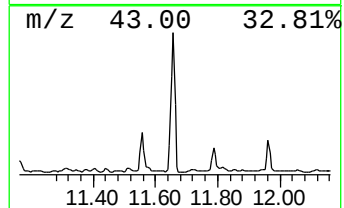
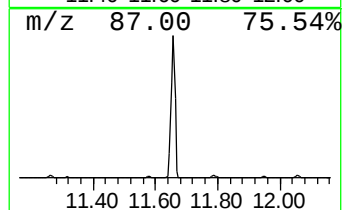
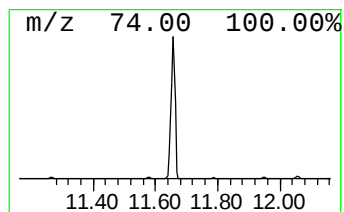
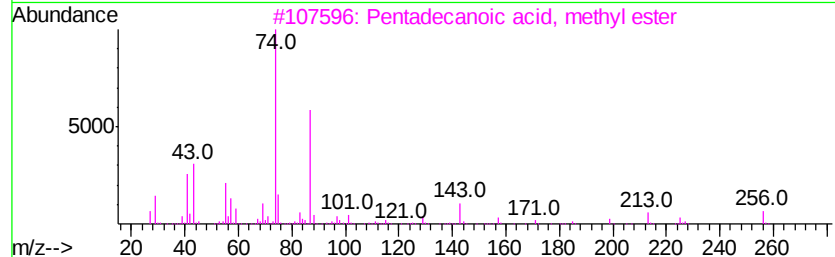
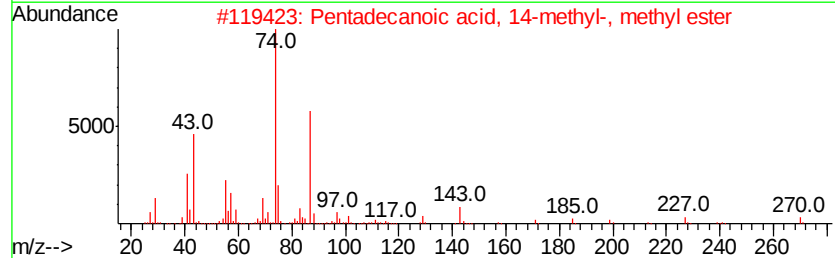
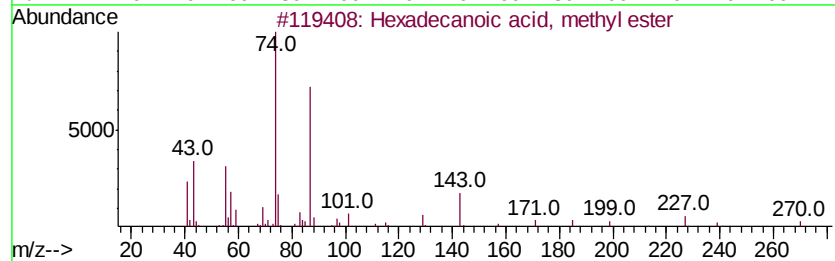
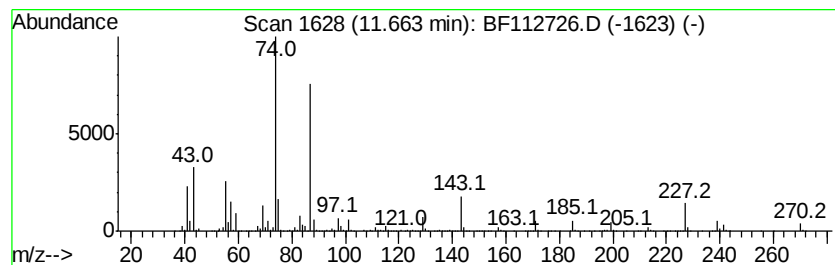
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	79.54 ng	4701140	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	93
3		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
4		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	80
5		Methyl tetradecanoate	242	C15H30O2	000124-10-7	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
Data File : BF112726.D
Acq On : 27 Feb 2019 18:31
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Misc :
ALS Vial : 9 Sample Multiplier: 1

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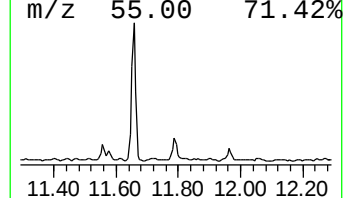
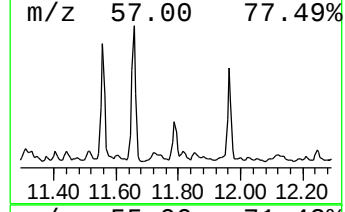
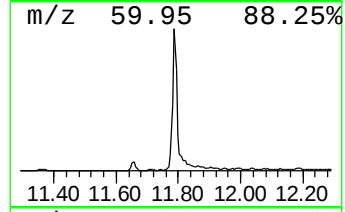
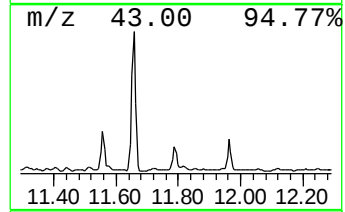
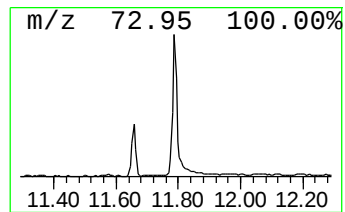
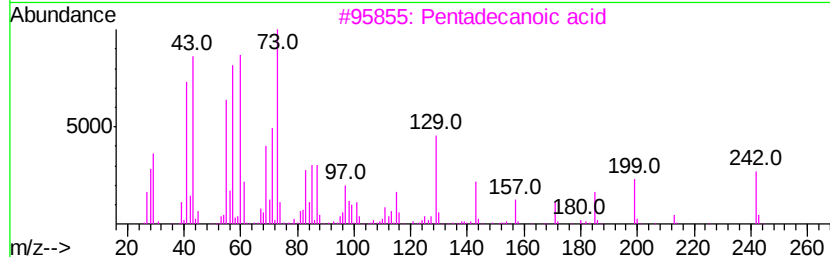
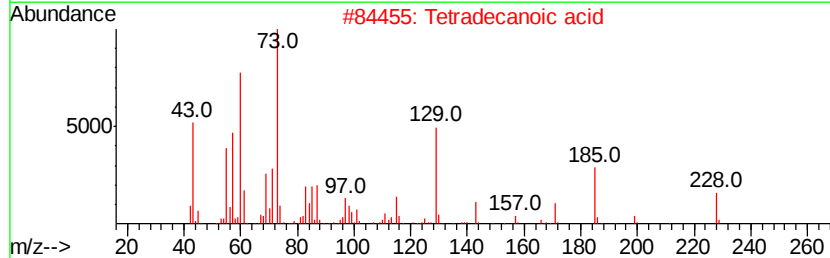
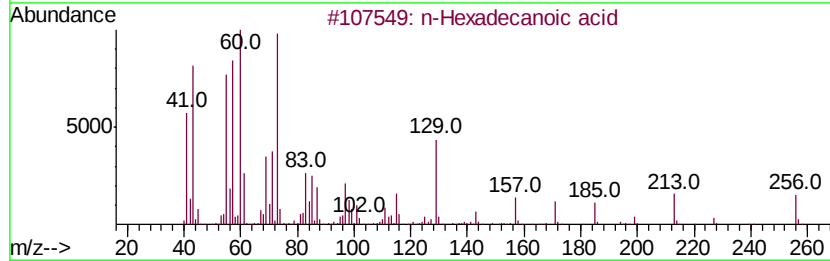
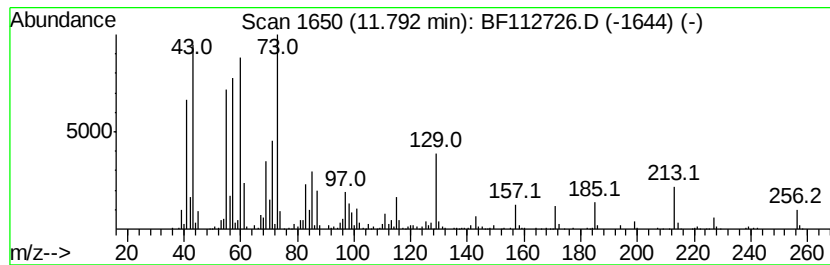
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	13.66 ng	807143	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	91
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4		Tridecanoic acid	214	C13H26O2	000638-53-9	87
5		Dodecanoic acid	200	C12H24O2	000143-07-7	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
Data File : BF112726.D
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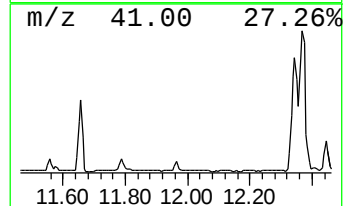
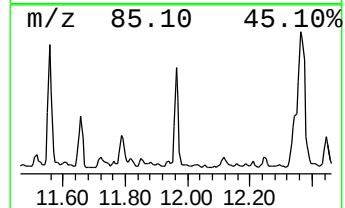
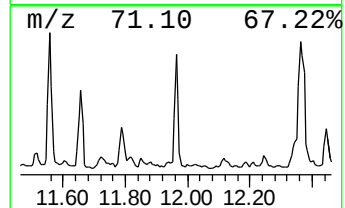
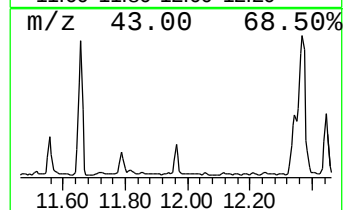
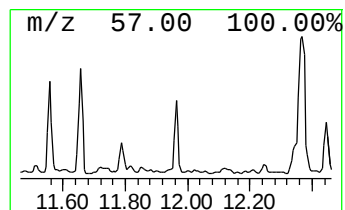
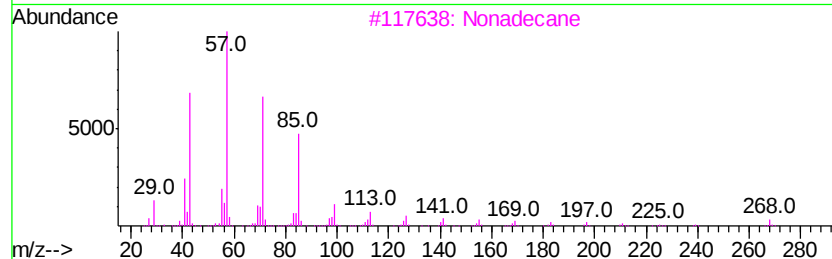
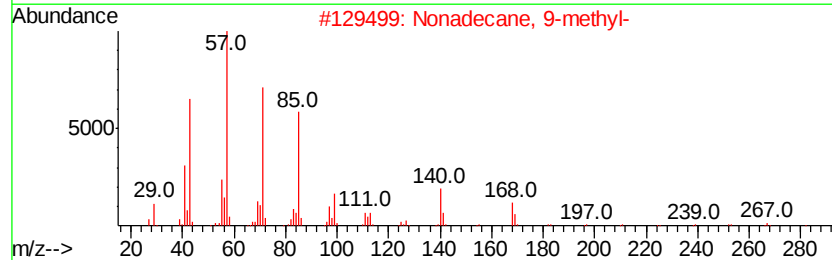
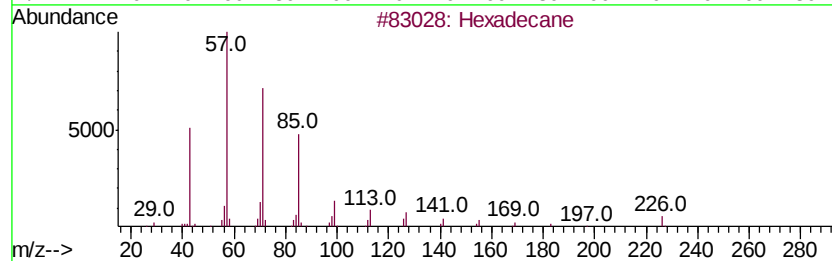
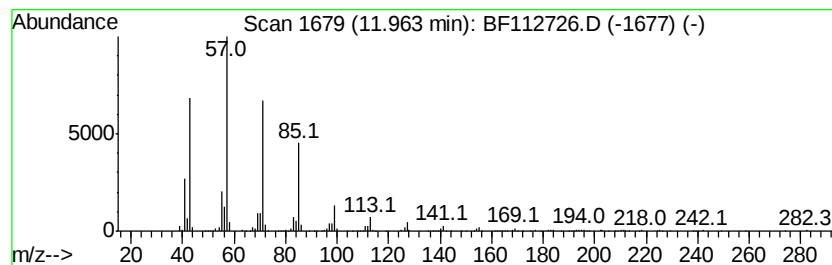
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ClientSampleId :
PL-02-022619-B

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

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

Peak Number 12 Hexadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.96	9.12 ng	539189	Phenanthrene-d10		11.24
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	93
3	Nonadecane	268	C19H40	000629-92-5	91
4	Heptacosane	380	C27H56	000593-49-7	91
5	Pentadecane	212	C15H32	000629-62-9	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
Data File : BF112726.D
Acq On : 27 Feb 2019 18:31
Operator : JU/SJ
Sample : K1353-03 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-02-022619-B

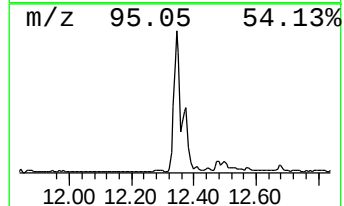
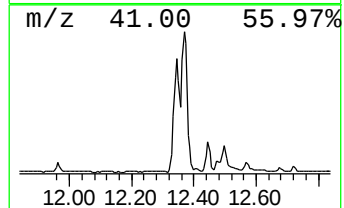
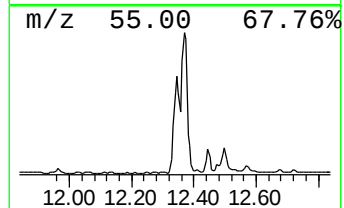
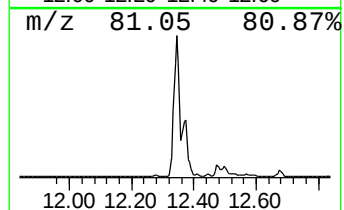
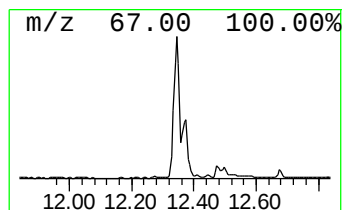
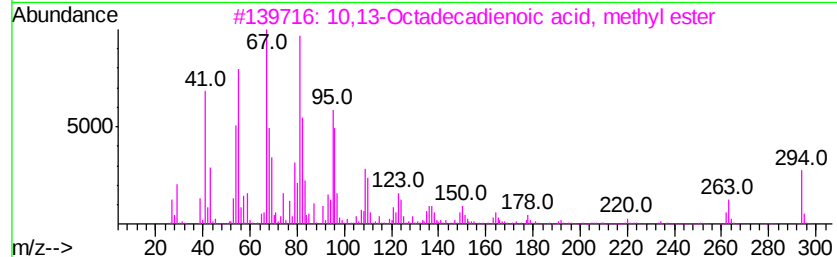
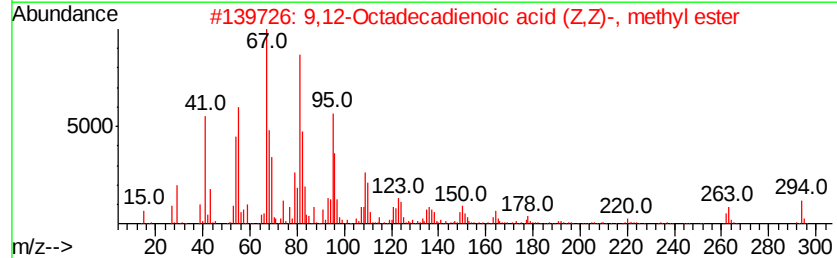
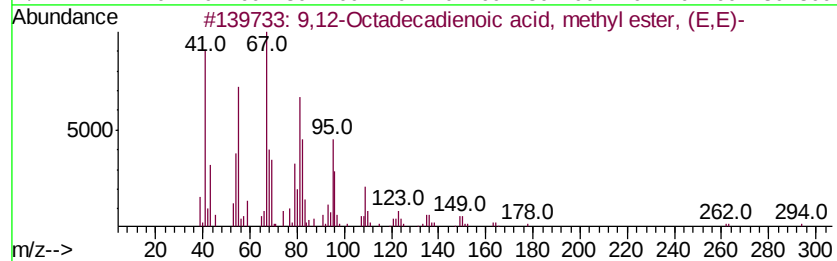
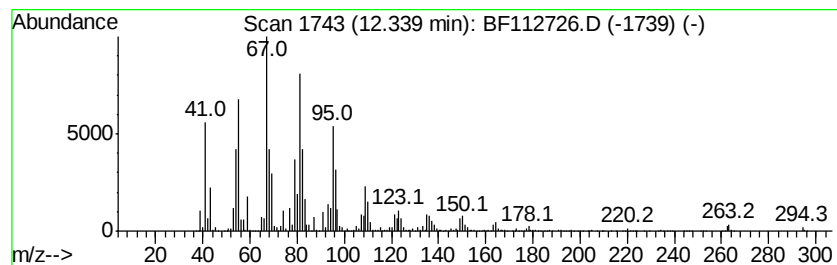
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.34	200.08 ng	11824800	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2		9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
3		10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
4		9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
5		9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
Data File : BF112726.D
Acq On : 27 Feb 2019 18:31
Operator : JU/SJ
Sample : K1353-03 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PL-02-022619-B

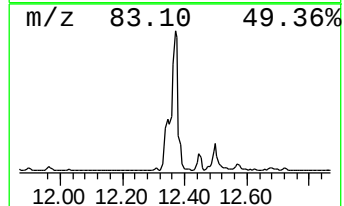
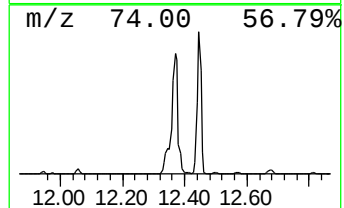
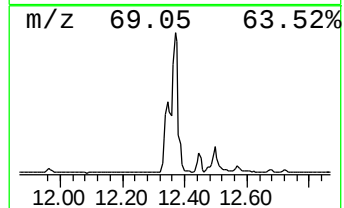
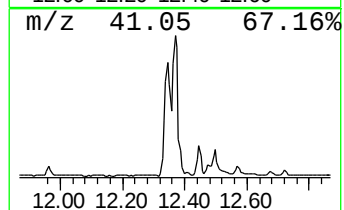
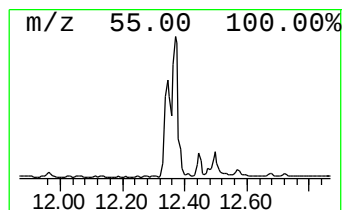
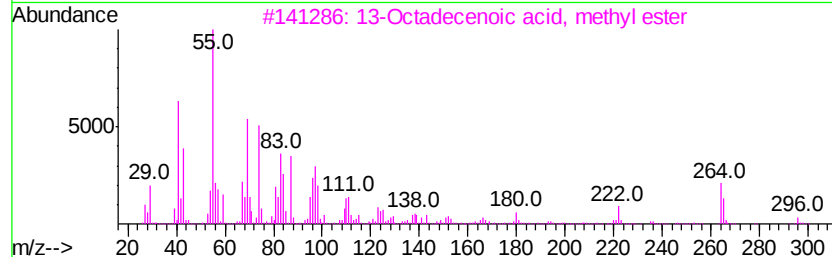
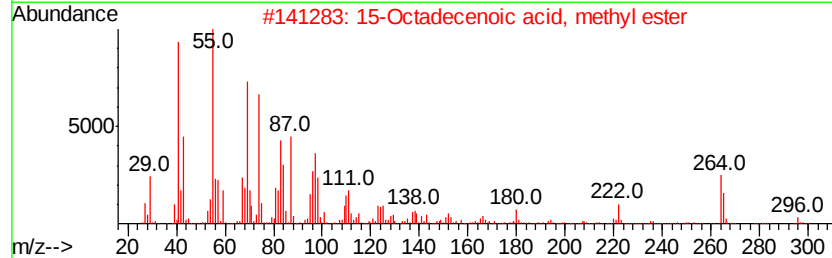
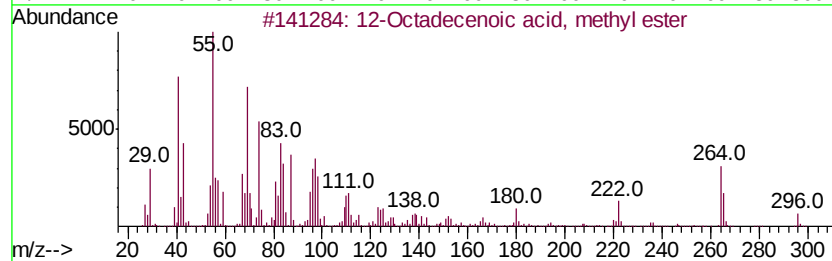
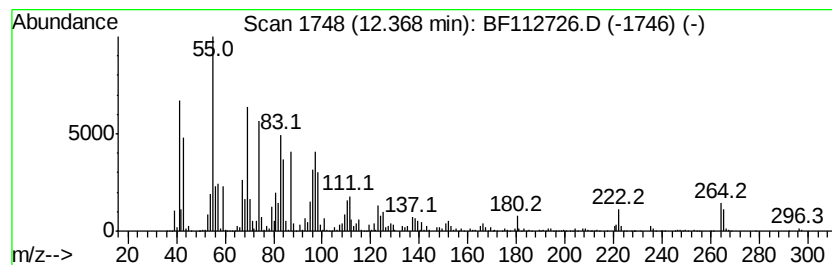
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 12-Octadecenoic acid, methyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	198.19 ng	11713500	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	99
2		15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99
3		13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
4		16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
5		14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
Data File : BF112726.D
Acq On : 27 Feb 2019 18:31
Operator : JU/SJ
Sample : K1353-03 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

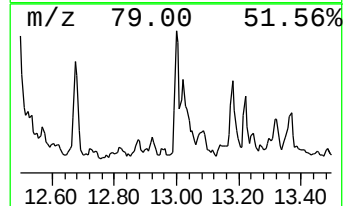
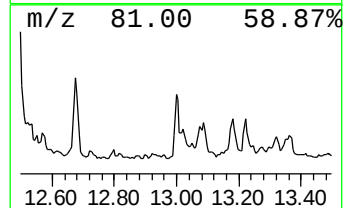
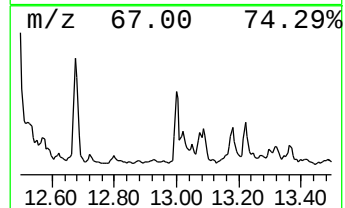
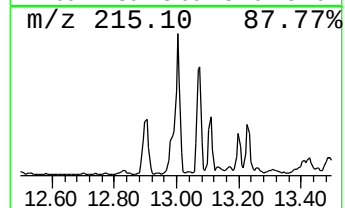
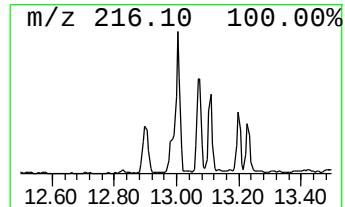
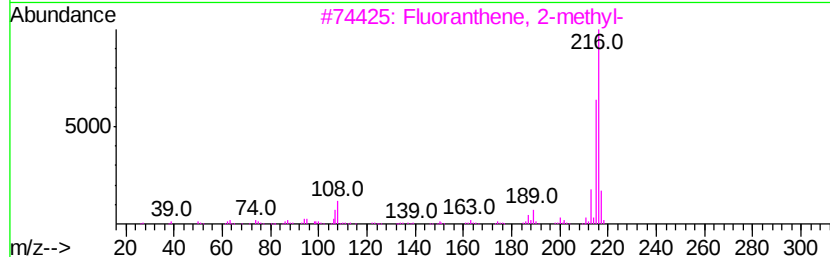
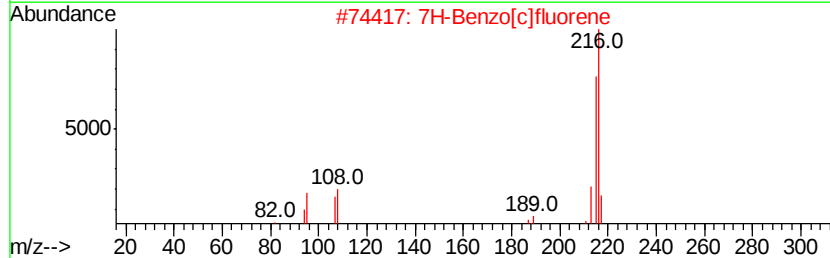
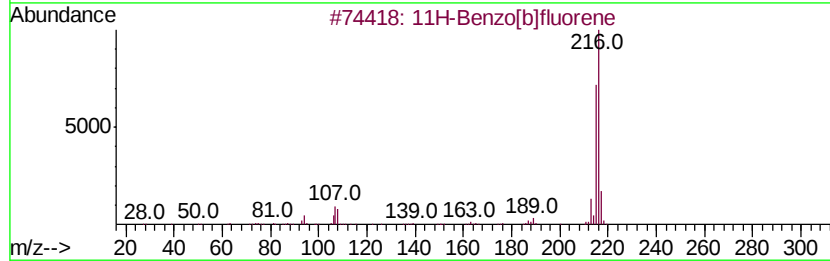
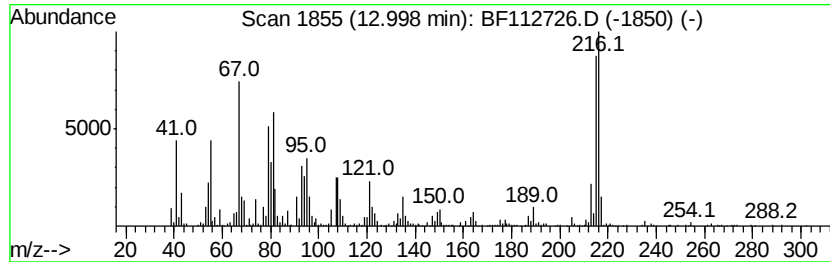
Instrument :
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ClientSampleId :
PL-02-022619-B

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

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

Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	8.97 ng	1049750	Chrysene-d12	13.87
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		11H-Benzo[b]fluorene	216 C17H12	000243-17-4 94
2		7H-Benzo[c]fluorene	216 C17H12	000205-12-9 94
3		Fluoranthene, 2-methyl-	216 C17H12	033543-31-6 89
4		Pyrene, 1-methyl-	216 C17H12	002381-21-7 89
5		11H-Benzo[a]fluorene	216 C17H12	000238-84-6 76



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
Data File : BF112726.D
Acq On : 27 Feb 2019 18:31
Operator : JU/SJ
Sample : K1353-03 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PL-02-022619-B

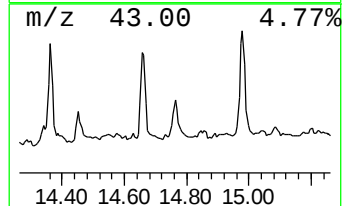
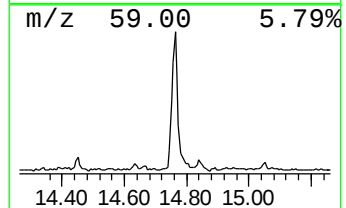
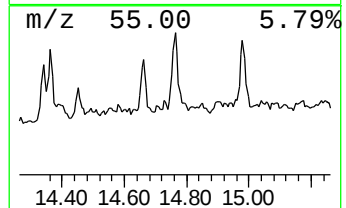
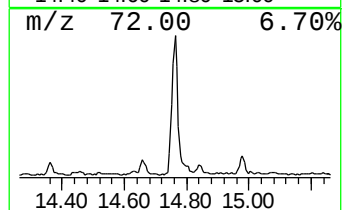
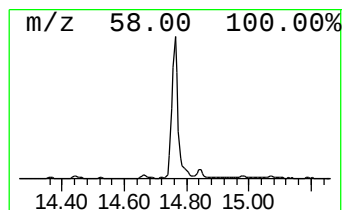
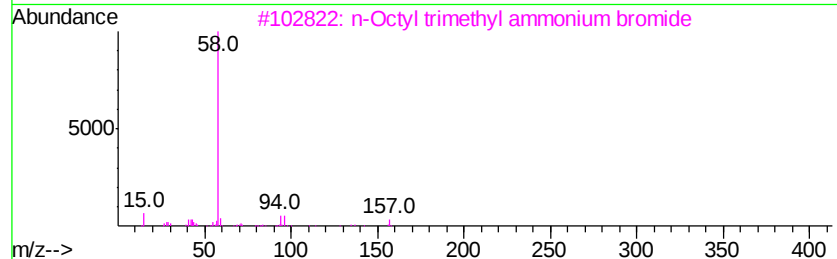
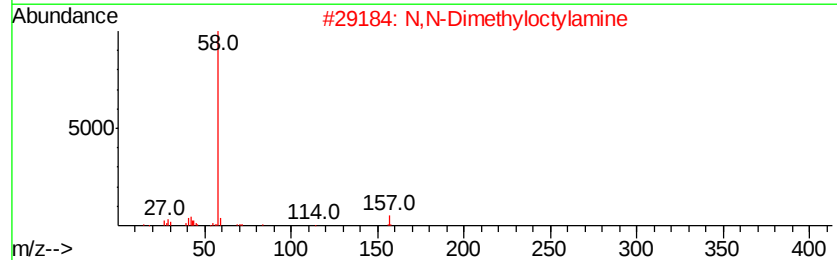
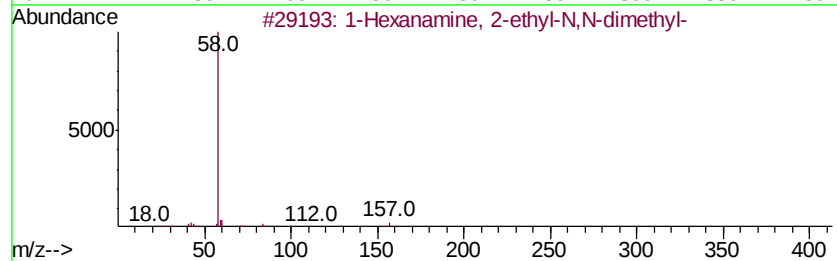
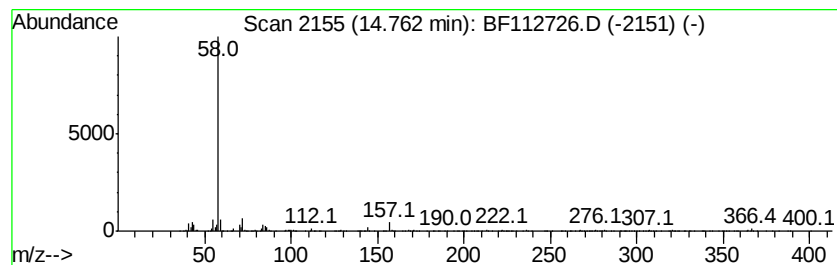
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 1-Hexanamine, 2-ethyl-N,N-d... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	20.79 ng	1153660	Perylene-d12	15.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Hexanamine, 2-ethyl-N,N-dimethyl-	157	C10H23N	028056-87-3	72
2		N,N-Dimethyloctylamine	157	C10H23N	007378-99-6	72
3		n-Octyl trimethyl ammonium bromide	251	C11H26BrN	002083-68-3	64
4		Trifluomeprazine	366	C19H21F3N2S	002622-37-9	64
5		Dimantine	297	C20H43N	000124-28-7	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
Data File : BF112726.D
Acq On : 27 Feb 2019 18:31
Operator : JU/SJ
Sample : K1353-03 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

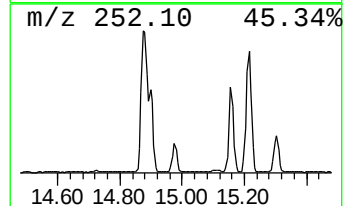
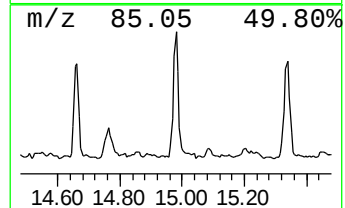
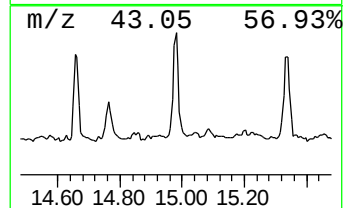
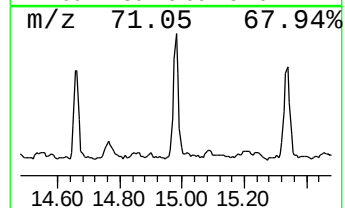
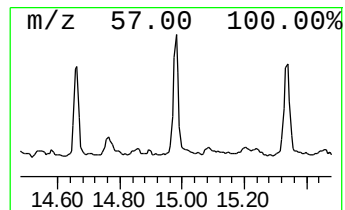
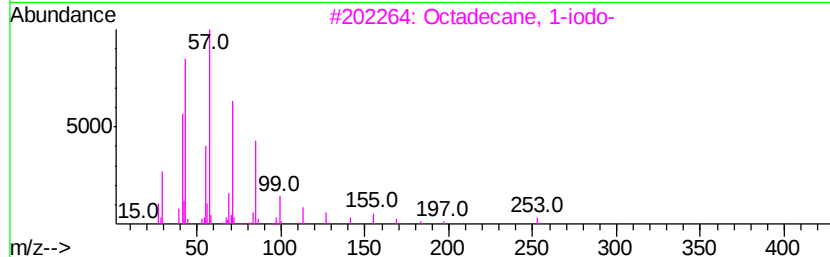
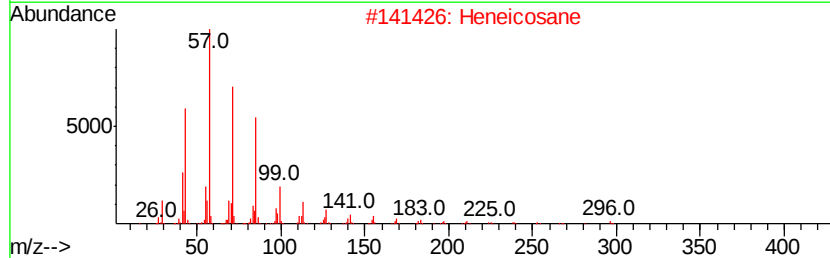
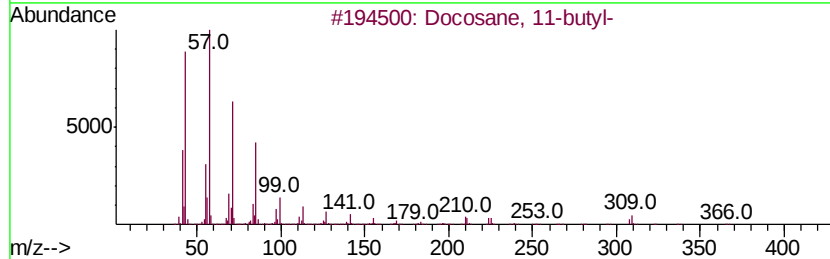
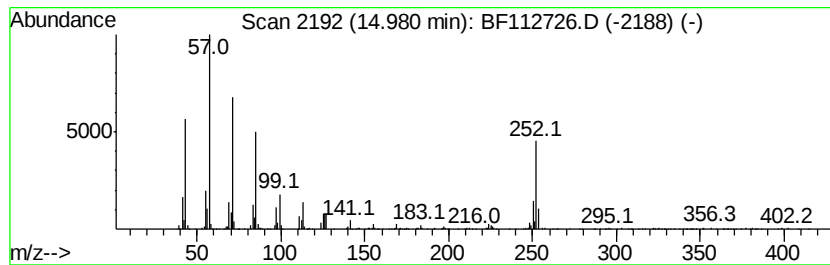
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ClientSampleId :
PL-02-022619-B

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

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

Peak Number 18 Docosane, 11-butyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.98	12.35 ng	685674	Perylene-d12	15.27
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Docosane, 11-butyl-	366 C26H54	013475-76-8 70
2		Heneicosane	296 C21H44	000629-94-7 60
3		Octadecane, 1-iodo-	380 C18H37I	000629-93-6 58
4		Heptadecane	240 C17H36	000629-78-7 58
5		Disulfide, di-tert-dodecyl	402 C24H50S2	027458-90-8 53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
Data File : BF112726.D
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Operator : JU/SJ
Sample : K1353-03 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PL-02-022619-B

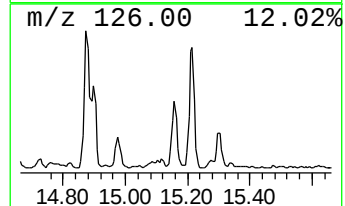
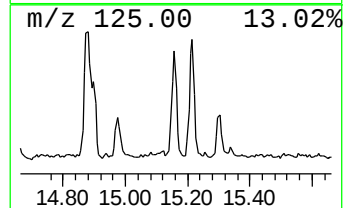
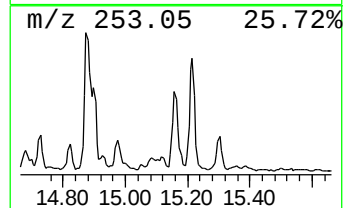
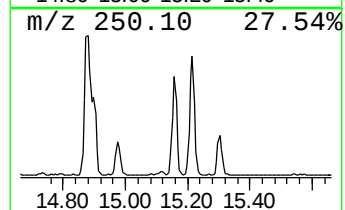
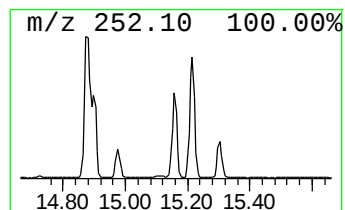
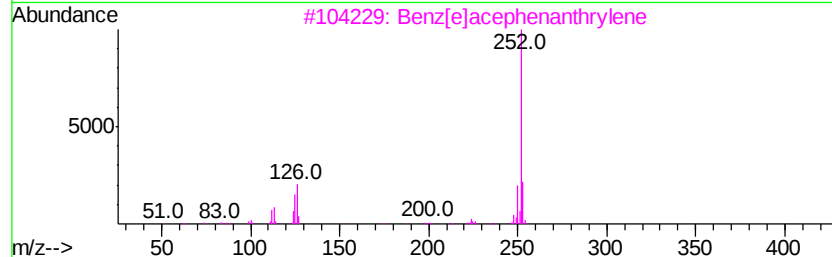
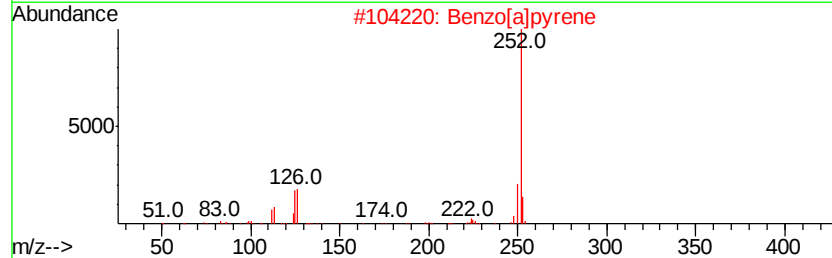
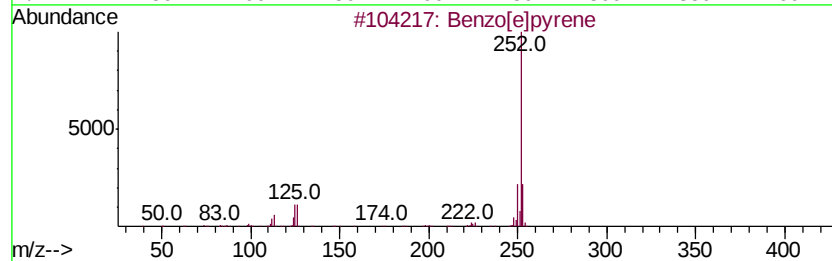
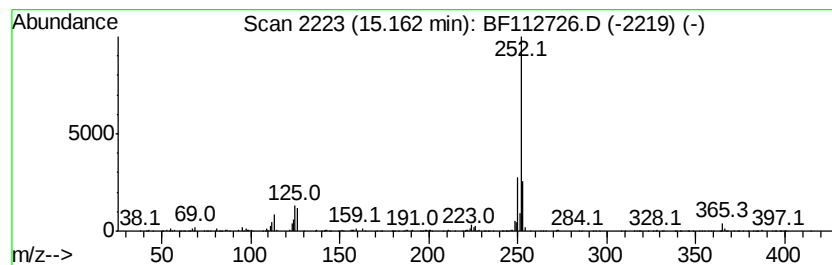
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzo[e]pyrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	8.75 ng	485568	Perylene-d12	15.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benzo[a]pyrene	252	C20H12	000050-32-8	95
3		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	94
4		Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
5		Perylene	252	C20H12	000198-55-0	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
Data File : BF112726.D
Acq On : 27 Feb 2019 18:31
Operator : JU/SJ
Sample : K1353-03 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-02-022619-B

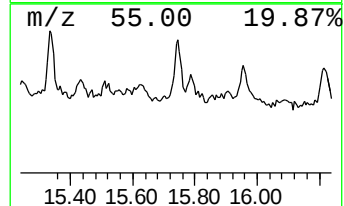
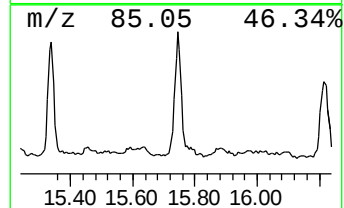
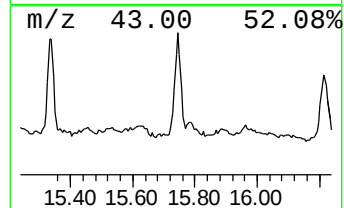
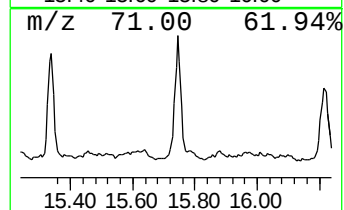
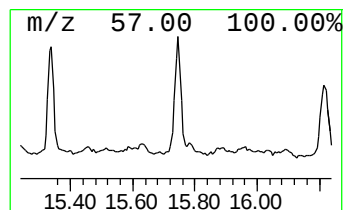
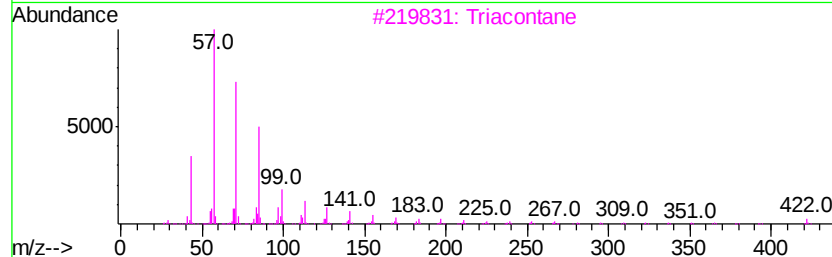
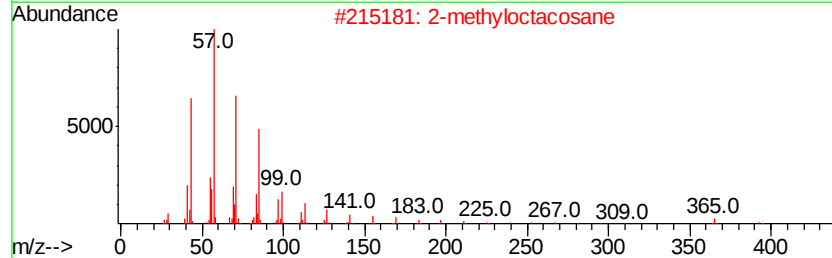
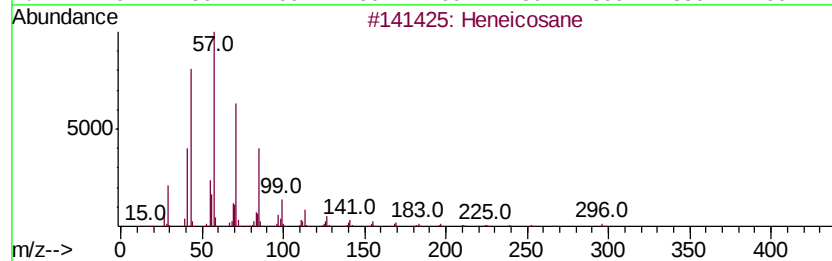
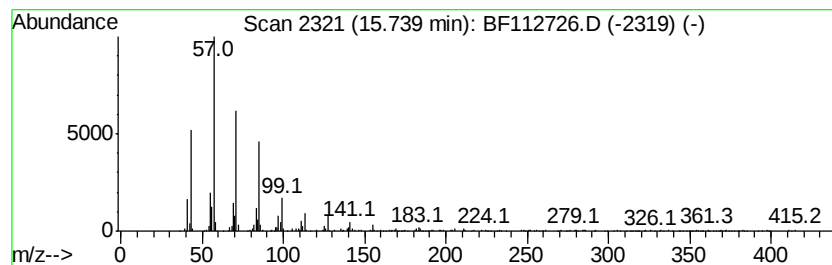
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Heneicosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.74	7.53 ng	417782	Perylene-d12	15.27

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	87
2			2-methyloctacosane	408	C29H60	1000376-72-8	87
3			Triacontane	422	C30H62	000638-68-6	87
4			Hentriacontane	437	C31H64	000630-04-6	87
5			Tetracosane	338	C24H50	000646-31-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022719\
 Data File : BF112726.D
 Acq On : 27 Feb 2019 18:31
 Operator : JU/SJ
 Sample : K1353-03 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-022619-B

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown6.50	6.50	37.0	ng	2171350	1	6.74	1172300	20.0
Decane, 2,3,5-tri...	8.63	8.5	ng	813109	2	8.02	1919420	20.0
Tetradecane	9.19	12.8	ng	963042	3	9.77	1510730	20.0
Pentadecane	9.72	11.9	ng	902280	3	9.77	1510730	20.0
Heptadecane	10.69	19.3	ng	1143200	4	11.24	1182030	20.0
Bacchotricuneatin c	11.13	12.3	ng	727126	4	11.24	1182030	20.0
Nonadecane	11.56	10.3	ng	606986	4	11.24	1182030	20.0
Hexadecanoic acid...	11.66	79.5	ng	4701140	4	11.24	1182030	20.0
n-Hexadecanoic acid	11.79	13.7	ng	807143	4	11.24	1182030	20.0
Hexadecane	11.96	9.1	ng	539189	4	11.24	1182030	20.0
9,12-Octadecadien...	12.34	200.1	ng	11824800	4	11.24	1182030	20.0
12-Octadecenoic a...	12.37	198.2	ng	11713500	4	11.24	1182030	20.0
11H-Benzo[b]fluorene	13.00	9.0	ng	1049750	5	13.87	2341670	20.0
1-Hexanamine, 2-e...	14.76	20.8	ng	1153660	6	15.27	1110040	20.0
Docosane, 11-butyl-	14.98	12.4	ng	685674	6	15.27	1110040	20.0
Benzo[e]pyrene	15.16	8.8	ng	485568	6	15.27	1110040	20.0
Heneicosane	15.74	7.5	ng	417782	6	15.27	1110040	20.0