

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071818\
 Data File : BF107477.D
 Acq On : 18 Jul 2018 15:07
 Operator : JU/SJ
 Sample : J3952-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

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-BF071618.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	5.595	543	554	557	rBV3	2562081	7758415	11.20%	1.021%
2	5.989	614	621	624	rBV	6060612	8706162	12.57%	1.146%
3	6.989	786	791	795	rVB	783888	857539	1.24%	0.113%
4	7.154	795	819	820	rBV3	11260270	69260705	100.00%	9.119%
5	7.483	862	875	877	rBV	5077077	4926790	7.11%	0.649%
6	7.589	886	893	896	rBV	1935883	2631626	3.80%	0.346%
7	7.636	896	901	906	rVB	4746694	5840732	8.43%	0.769%
8	7.907	906	947	948	rBV2	2822334	18970935	27.39%	2.498%
9	8.472	1040	1043	1045	rBV	2075325	2146544	3.10%	0.283%
10	9.030	1132	1138	1140	rBV	2651539	2156254	3.11%	0.284%
11	9.360	1187	1194	1196	rBV	4876131	7007014	10.12%	0.923%
12	9.424	1196	1205	1207	rVV2	3263757	7408027	10.70%	0.975%
13	9.542	1222	1225	1229	rVB3	747721	814721	1.18%	0.107%
14	9.824	1268	1273	1277	rBV5	603685	1092444	1.58%	0.144%
15	9.877	1277	1282	1283	rBV	2573982	3097039	4.47%	0.408%
16	9.895	1283	1285	1292	rVB	4497611	5178458	7.48%	0.682%
17	9.971	1292	1298	1303	rBV2	3440937	5072522	7.32%	0.668%
18	10.048	1303	1311	1323	rVB7	1032441	2812323	4.06%	0.370%
19	10.177	1327	1333	1343	rVB2	786864	1453101	2.10%	0.191%
20	10.383	1346	1368	1371	rBV4	8203257	36697413	52.98%	4.831%
21	10.907	1444	1457	1460	rBV2	5656909	13743402	19.84%	1.809%
22	10.954	1460	1465	1474	rVB2	3715690	7213884	10.42%	0.950%
23	11.130	1478	1495	1507	rBV3	8864618	44085316	63.65%	5.804%
24	11.354	1512	1533	1537	rVV6	9516185	45999935	66.42%	6.056%
25	11.389	1537	1539	1541	rVV	1949098	1349803	1.95%	0.178%
26	11.430	1541	1546	1553	rVB	980217	1476081	2.13%	0.194%
27	11.560	1563	1568	1575	rVB	639598	1083557	1.56%	0.143%
28	11.666	1582	1586	1588	rBV	711904	718835	1.04%	0.095%
29	11.813	1607	1611	1616	rBV	2900793	2782409	4.02%	0.366%
30	12.013	1640	1645	1650	rBV2	520032	997035	1.44%	0.131%
31	12.130	1650	1665	1668	rBV2	8209170	27228665	39.31%	3.585%
32	12.230	1678	1682	1685	rBV	1971756	2250835	3.25%	0.296%
33	12.512	1725	1730	1731	rVV2	1623178	2119007	3.06%	0.279%
34	12.524	1731	1732	1735	rVV	2510531	2015872	2.91%	0.265%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.571	1737	1740	1742	rVV	2668609	2360747	3.41%	0.311%
36	12.607	1742	1746	1749	rVV2	4486750	4383256	6.33%	0.577%
37	12.665	1750	1756	1758	rVV2	2573770	4515941	6.52%	0.595%
38	12.689	1758	1760	1763	rVB	2914425	2374904	3.43%	0.313%
39	12.789	1771	1777	1779	rBV2	6833786	9228415	13.32%	1.215%
40	12.854	1779	1788	1790	rVV5	7665255	22983392	33.18%	3.026%
41	12.877	1790	1792	1794	rVV	3353773	3801733	5.49%	0.501%
42	12.918	1794	1799	1801	rVV3	6690389	11101146	16.03%	1.462%
43	12.954	1801	1805	1808	rVV	2696797	3447271	4.98%	0.454%
44	13.024	1812	1817	1820	rVV	4725694	5932662	8.57%	0.781%
45	13.101	1820	1830	1832	rVV2	9893794	29574842	42.70%	3.894%
46	13.124	1832	1834	1839	rVV	2128459	2372110	3.42%	0.312%
47	13.183	1839	1844	1846	rVV	6526159	7074185	10.21%	0.931%
48	13.236	1849	1853	1856	rVV2	3311266	3725570	5.38%	0.490%
49	13.265	1856	1858	1863	rVB	2504843	2342419	3.38%	0.308%
50	13.312	1863	1866	1868	rBV2	2159924	2454818	3.54%	0.323%
51	13.342	1868	1871	1881	rVB2	3850907	9317476	13.45%	1.227%
52	13.483	1881	1895	1898	rBV3	11349357	40638831	58.68%	5.350%
53	13.512	1898	1900	1902	rVV	4383939	4845252	7.00%	0.638%
54	13.548	1902	1906	1908	rVV2	6276266	9324267	13.46%	1.228%
55	13.589	1908	1913	1915	rVV3	3996655	6999428	10.11%	0.922%
56	13.618	1915	1918	1924	rVV3	4765873	9183758	13.26%	1.209%
57	13.707	1924	1933	1939	rVV3	3847536	10402539	15.02%	1.370%
58	13.836	1942	1955	1959	rBV2	10518092	34142858	49.30%	4.495%
59	13.871	1959	1961	1962	rBV	1352761	912431	1.32%	0.120%
60	13.895	1962	1965	1967	rVV	5025842	4519710	6.53%	0.595%
61	13.912	1967	1968	1974	rVB2	1246213	1016617	1.47%	0.134%
62	14.059	1981	1993	1996	rBV2	10418463	31943664	46.12%	4.206%
63	14.107	1996	2001	2003	rBV	981247	1115163	1.61%	0.147%
64	14.183	2003	2014	2017	rVB2	10277768	30275928	43.71%	3.986%
65	14.277	2027	2030	2033	rBV	862679	1082103	1.56%	0.142%
66	14.330	2036	2039	2040	rBV3	733163	819781	1.18%	0.108%
67	14.377	2044	2047	2052	rVB	1079446	1285035	1.86%	0.169%
68	14.430	2052	2056	2057	rBV2	637364	817859	1.18%	0.108%
69	14.454	2057	2060	2063	rVB	1185392	1229378	1.78%	0.162%
70	14.489	2063	2066	2071	rVB2	1932076	2021280	2.92%	0.266%
71	14.542	2071	2075	2077	rBV	1033745	1164257	1.68%	0.153%

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72	14.571	2077	2080	2082	rVB2	941878	873435	1.26%	0.115%
73	14.659	2087	2095	2097	rBV	9426504	18499290	26.71%	2.436%
74	14.677	2097	2098	2100	rVV	1697635	1471283	2.12%	0.194%
75	14.706	2100	2103	2107	rVV	2488672	3528187	5.09%	0.465%
76	14.754	2107	2111	2114	rVB	2500392	3517846	5.08%	0.463%
77	14.783	2114	2116	2124	rBV	1494376	1878038	2.71%	0.247%
78	14.854	2124	2128	2135	rVB2	1198527	2338420	3.38%	0.308%
79	15.089	2163	2168	2173	rBV	2245684	3068124	4.43%	0.404%
80	15.136	2173	2176	2180	rVB	1014544	1131762	1.63%	0.149%
81	15.177	2180	2183	2185	rBV	684742	769456	1.11%	0.101%
82	15.201	2185	2187	2191	rVB2	911754	934237	1.35%	0.123%
83	15.348	2205	2212	2219	rBV2	6997975	17288399	24.96%	2.276%
84	15.442	2224	2228	2235	rVB	1409418	2705094	3.91%	0.356%
85	15.501	2235	2238	2244	rBV4	519033	914061	1.32%	0.120%
86	15.571	2246	2250	2251	rBV	622527	784906	1.13%	0.103%
87	15.959	2311	2316	2319	rBV2	478143	743684	1.07%	0.098%
88	16.224	2354	2361	2368	rBV	2665787	5155144	7.44%	0.679%
89	16.295	2368	2373	2377	rVV4	748751	1344114	1.94%	0.177%
90	16.565	2415	2419	2426	rVB7	712634	1356008	1.96%	0.179%
91	16.659	2431	2435	2445	rVB4	664102	1190368	1.72%	0.157%
92	17.206	2525	2528	2536	rVB	567186	1117996	1.61%	0.147%
93	17.424	2561	2565	2571	rVB3	647210	1191708	1.72%	0.157%
94	17.871	2634	2641	2645	rBV4	699467	1765481	2.55%	0.232%
95	18.800	2776	2799	2800	rBV3	3921199	18295972	26.42%	2.409%

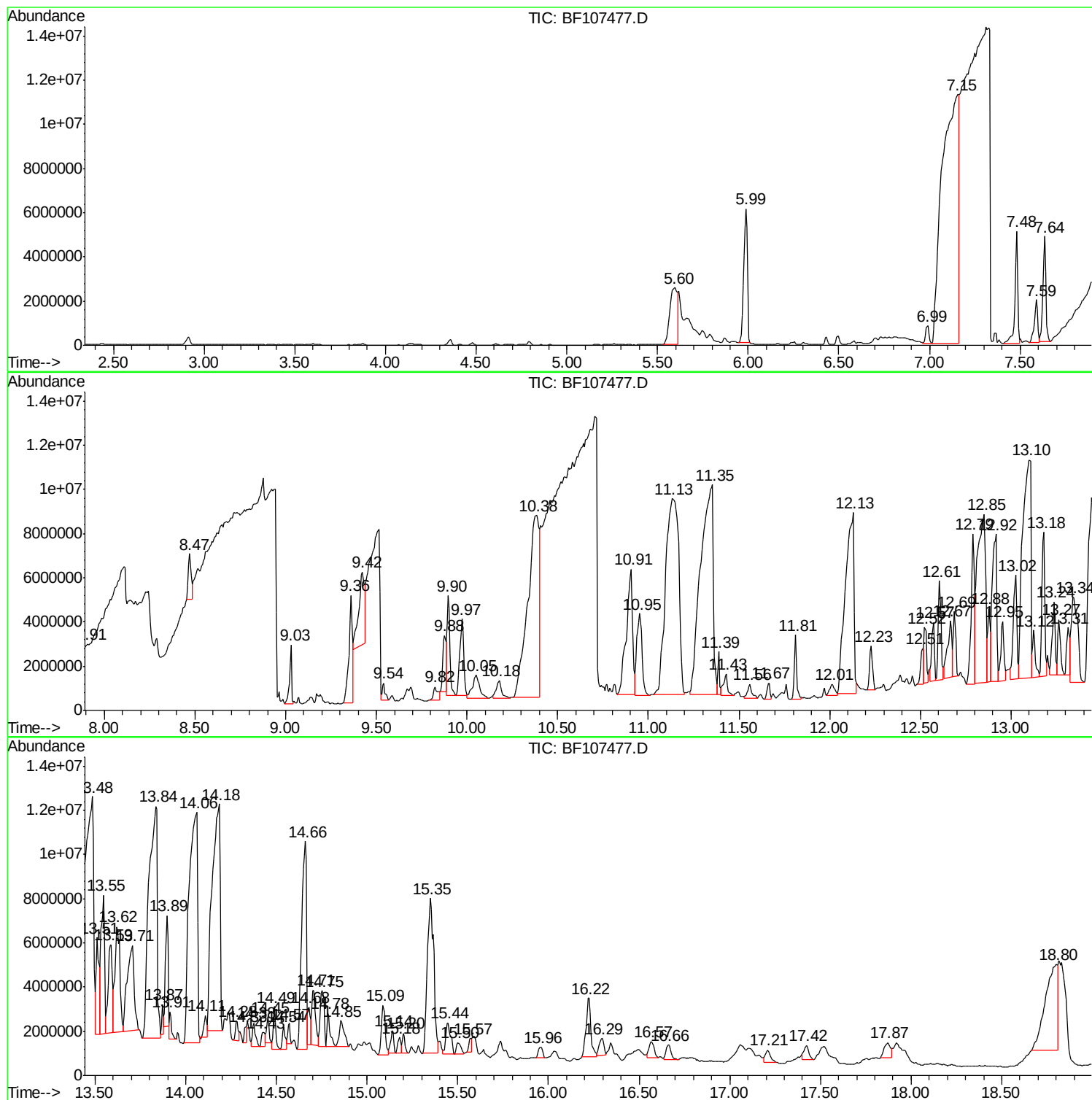
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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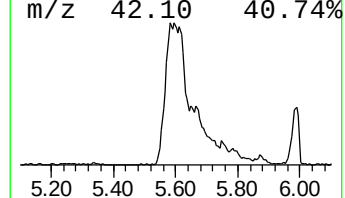
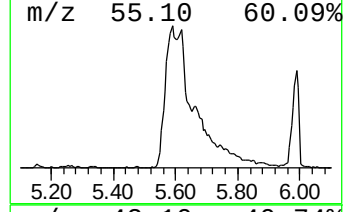
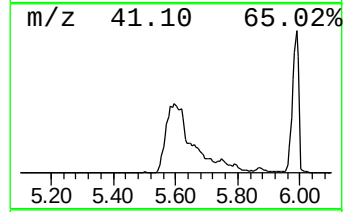
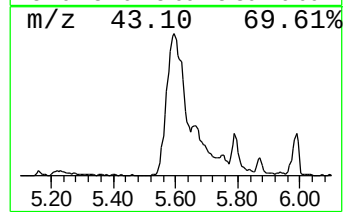
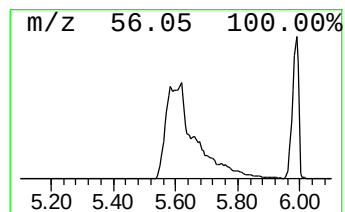
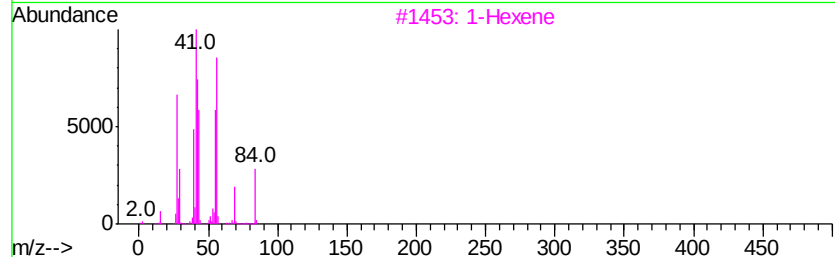
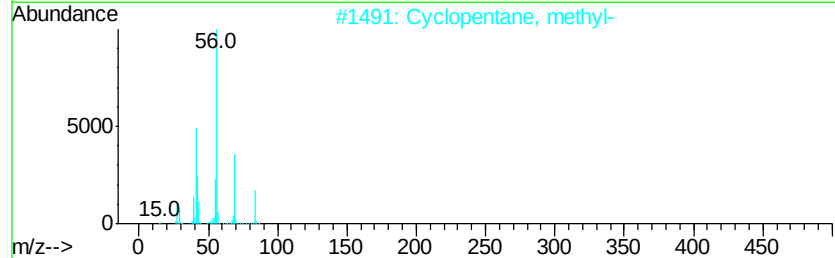
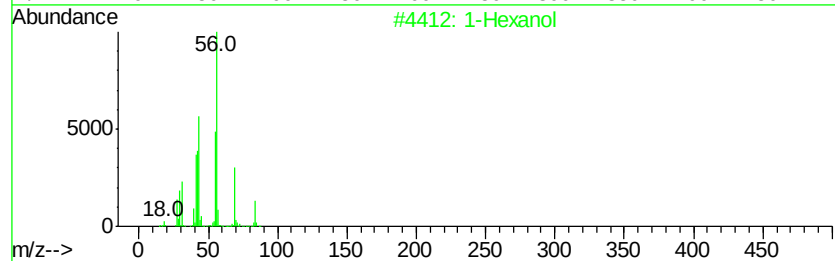
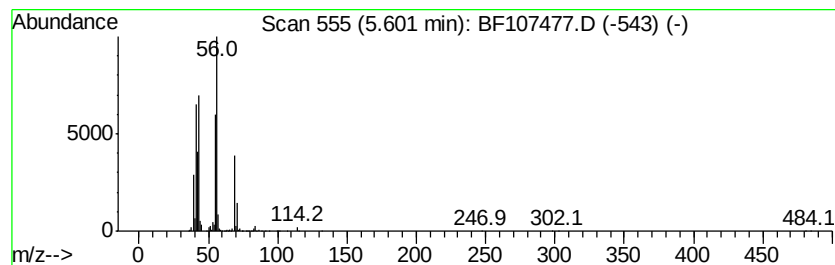
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 1-Hexanol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.60	180.95 ng	7758420	1,4-Dichlorobenzene-d4	6.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Hexanol	102	C6H14O	000111-27-3	83
2		Cyclopentane, methyl-	84	C6H12	000096-37-7	72
3		1-Hexene	84	C6H12	000592-41-6	72
4		Cyclopropane, propyl-	84	C6H12	002415-72-7	72
5		Oxirane, (1-methylbutyl)-	114	C7H14O	053229-39-3	64



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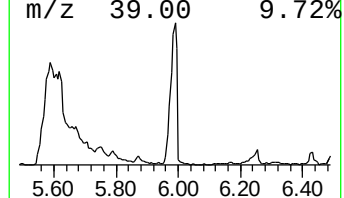
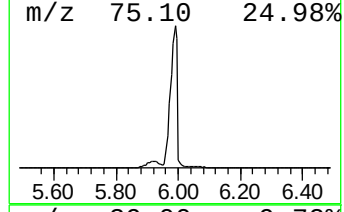
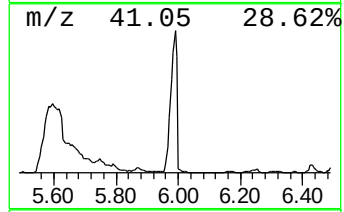
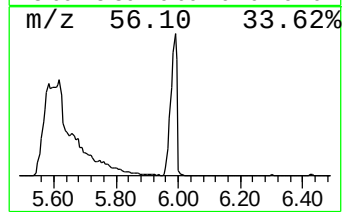
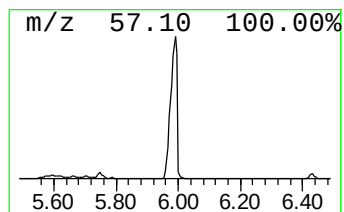
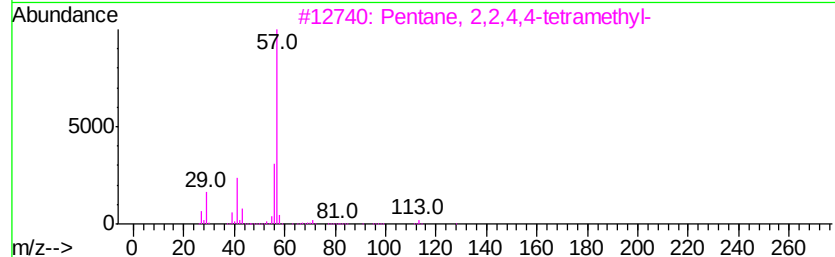
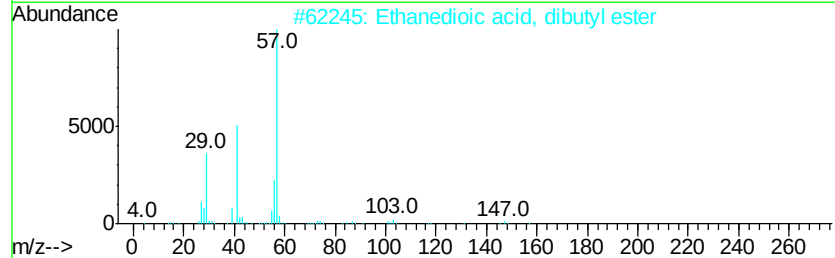
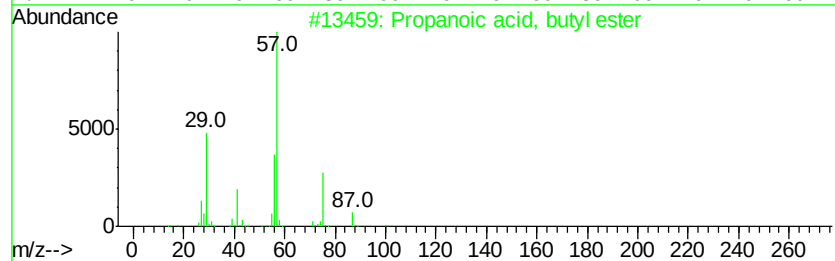
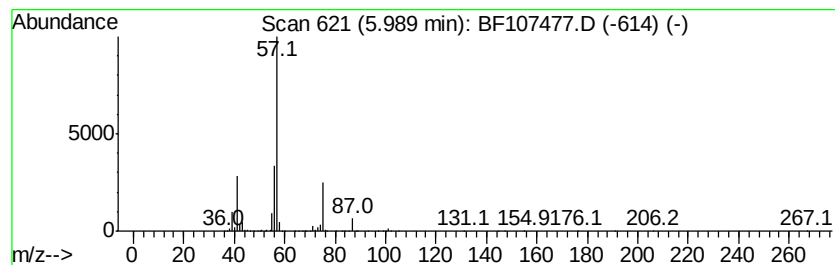
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Propanoic acid, butyl ester Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.99	203.05 ng	8706160	1,4-Dichlorobenzene-d4	6.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propanoic acid, butyl ester	130	C7H14O2	000590-01-2	78
2		Ethanedioic acid, dibutyl ester	202	C10H18O4	002050-60-4	40
3		Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	37
4		Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	37
5		Propanoic acid, 2-methylpropyl e...	130	C7H14O2	000540-42-1	36



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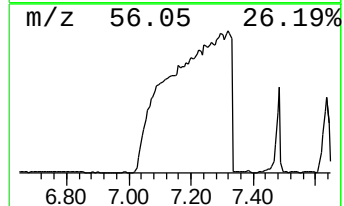
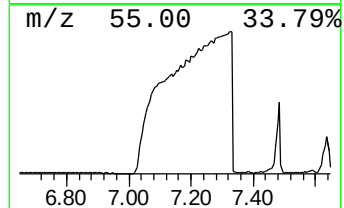
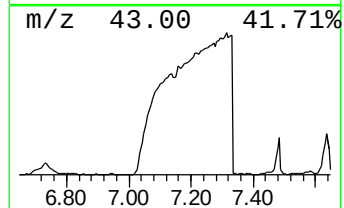
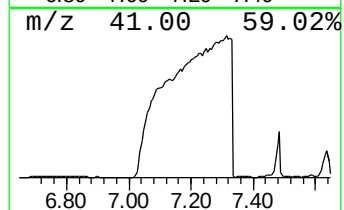
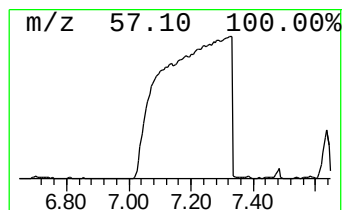
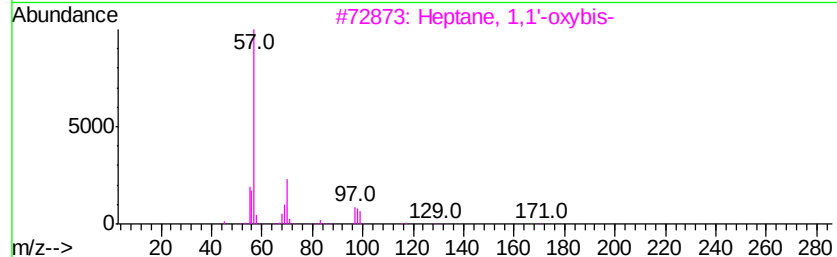
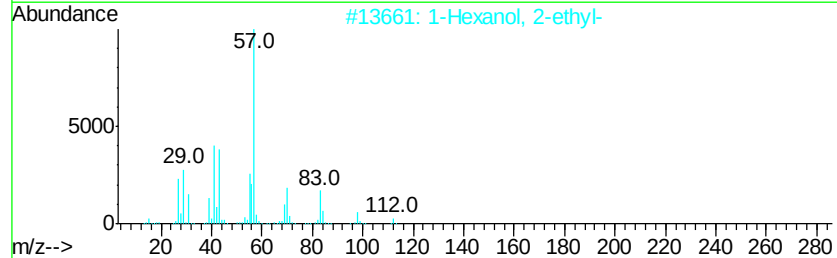
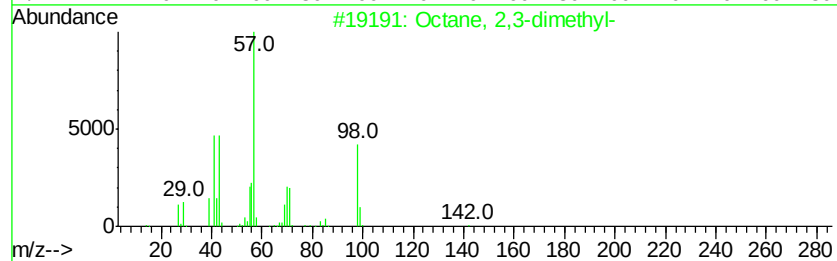
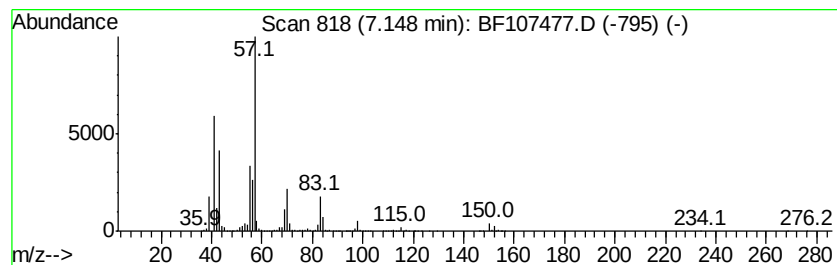
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Peak Number 3 Octane, 2,3-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.15	1615.34 ng	69260700	1,4-Dichlorobenzene-d4	6.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	64
2		1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	59
3		Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	53
4		Heptyl isobutyl carbonate	216	C12H24O3	959068-08-7	50
5		1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	45



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Acq On : 18 Jul 2018 15:07
Operator : JU/SJ
Sample : J3952-02
Misc :
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Instrument :
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ClientSampleId :
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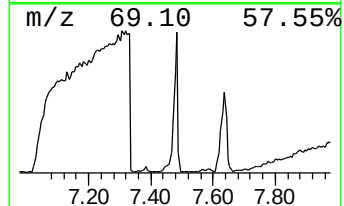
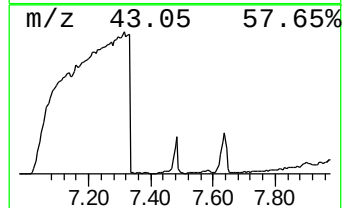
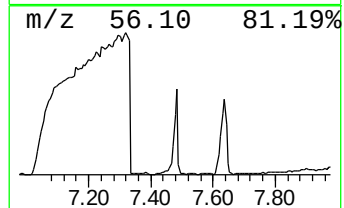
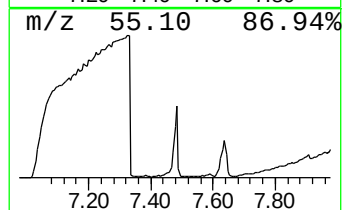
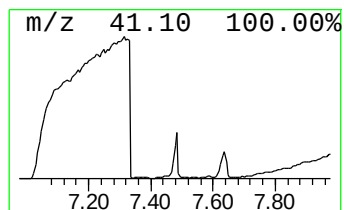
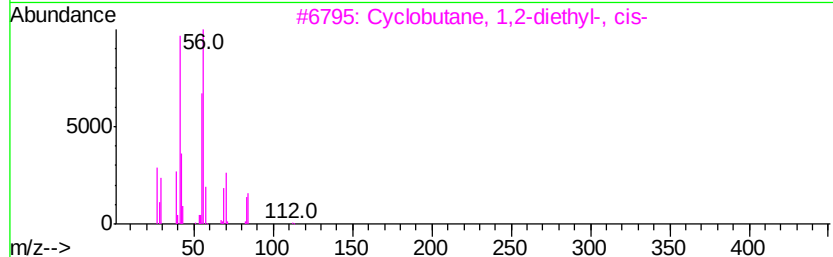
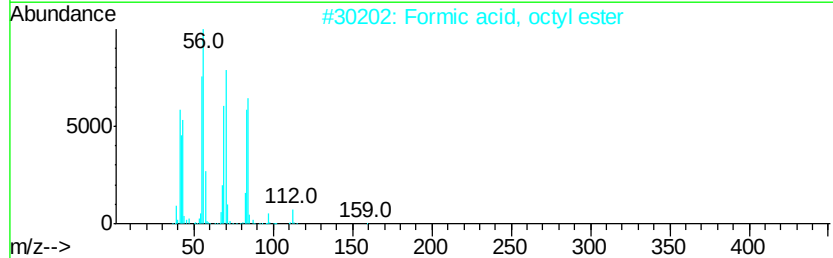
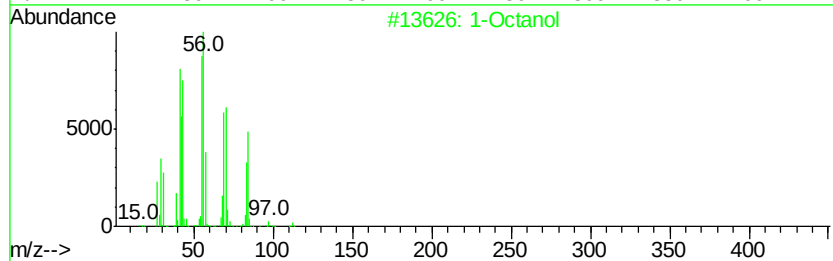
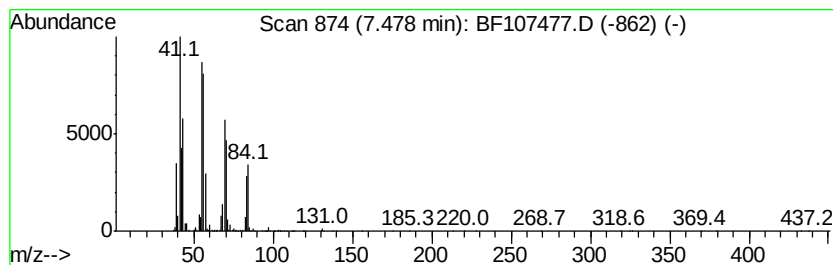
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 1-Octanol Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.48	114.91 ng	4926790	1,4-Dichlorobenzene-d4	6.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Octanol	130	C8H18O	000111-87-5	90
2		Formic acid, octyl ester	158	C9H18O2	000112-32-3	72
3		Cyclobutane, 1,2-diethyl-, cis-	112	C8H16	061141-50-2	59
4		1-Heptene	98	C7H14	000592-76-7	53
5		1-Pentene, 4-methyl-	84	C6H12	000691-37-2	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071818\
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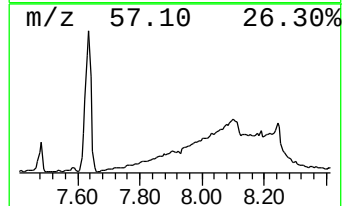
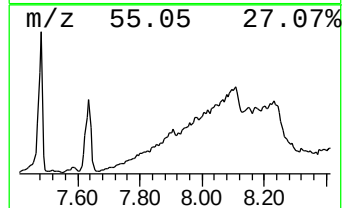
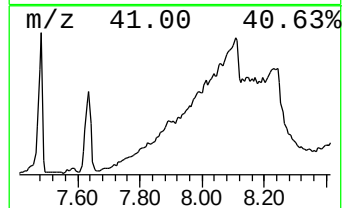
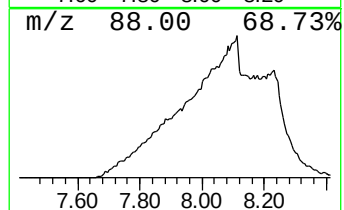
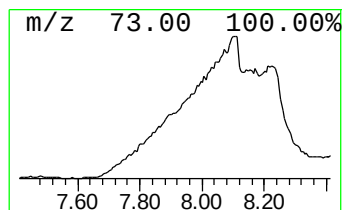
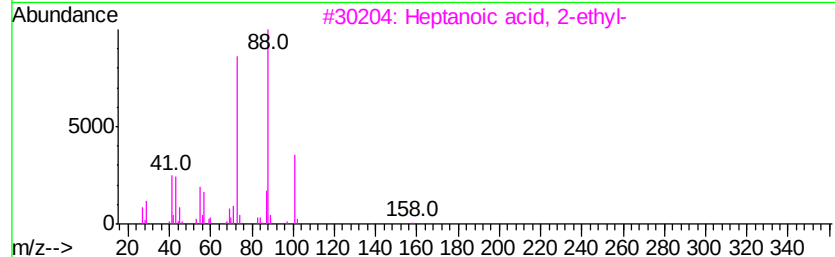
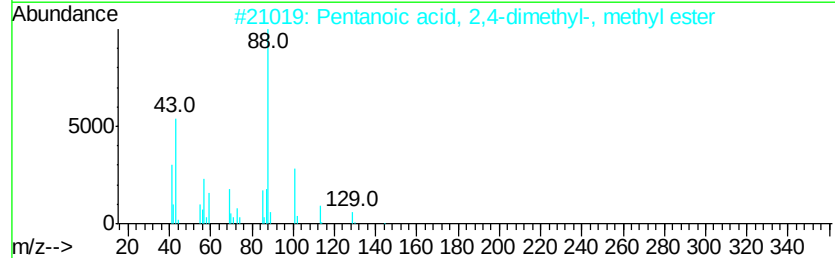
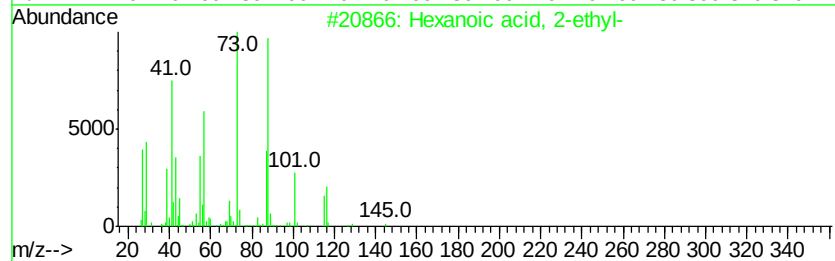
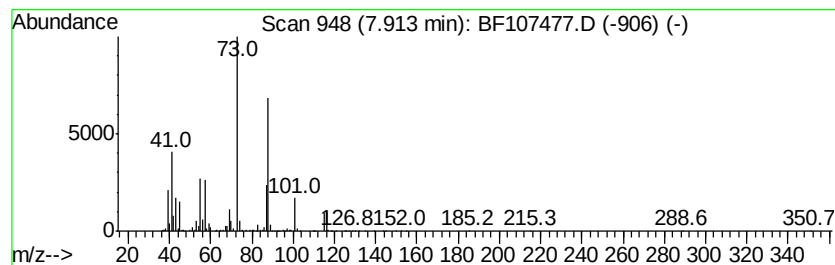
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Hexanoic acid, 2-ethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.91	176.76 ng	18970900	Naphthalene-d8	8.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	72
2		Pentanoic acid, 2,4-dimethyl-, m...	144	C8H16O2	071672-33-8	43
3		Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	38
4		Methyl 2-methylhexanoate	144	C8H16O2	002177-81-3	37
5		Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	28



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071818\
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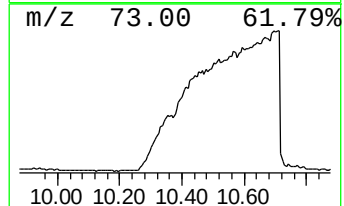
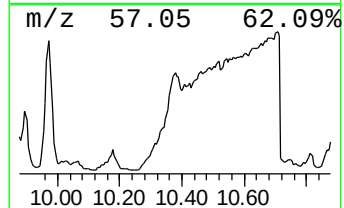
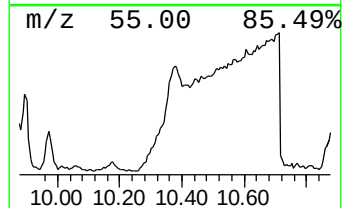
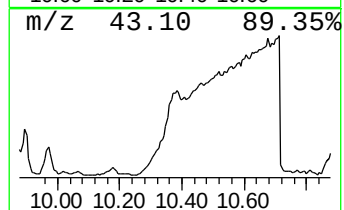
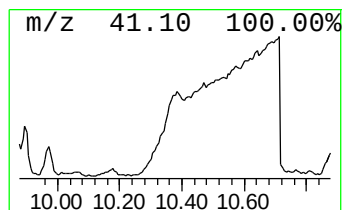
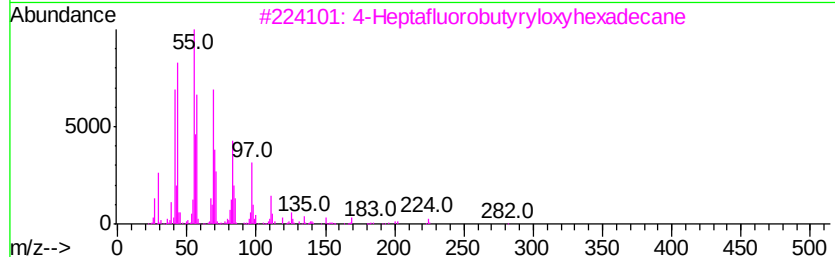
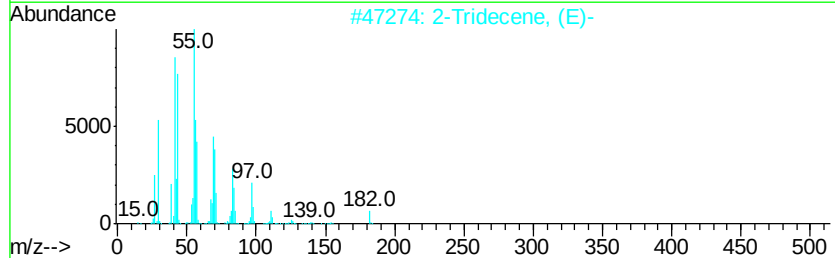
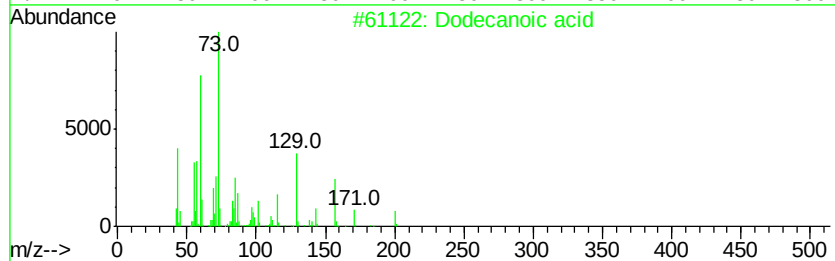
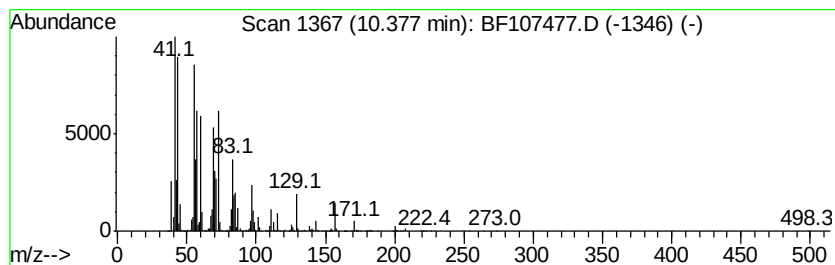
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Dodecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.38	260.98 ng	36697400	Acenaphthene-d10	10.05
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Dodecanoic acid	200 C12H24O2	000143-07-7 70
2		2-Tridecene, (E)-	182 C13H26	041446-58-6 52
3		4-Heptafluorobutyryloxyhexadecane	438 C20H33F7O2	1000282-97-2 46
4		Pentafluoropropionic acid, tride...	346 C16H27F5O2	959261-22-4 43
5		Dichloroacetic acid, dodecyl ester	296 C14H26Cl2O2	083005-01-0 43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071818\
Data File : BF107477.D
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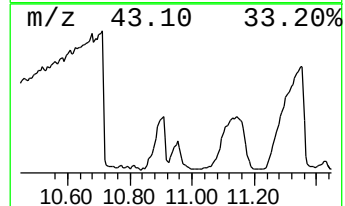
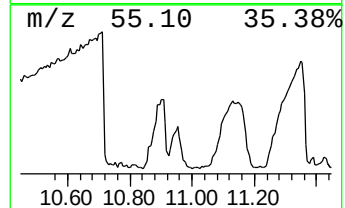
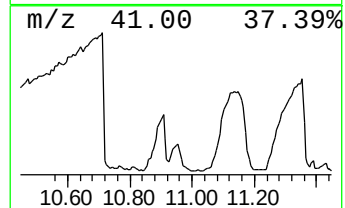
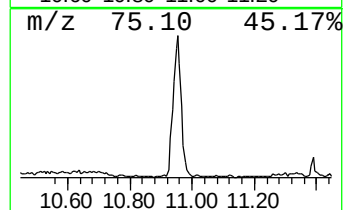
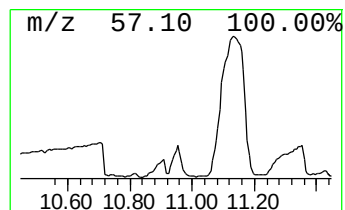
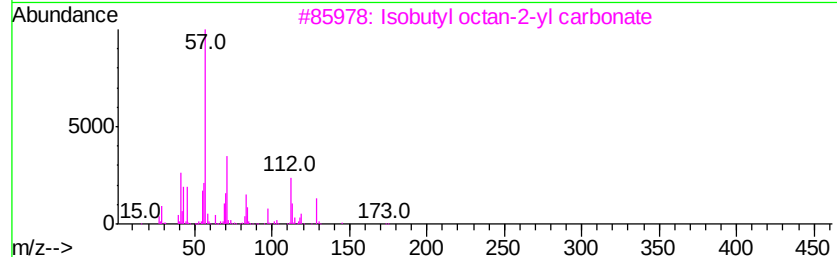
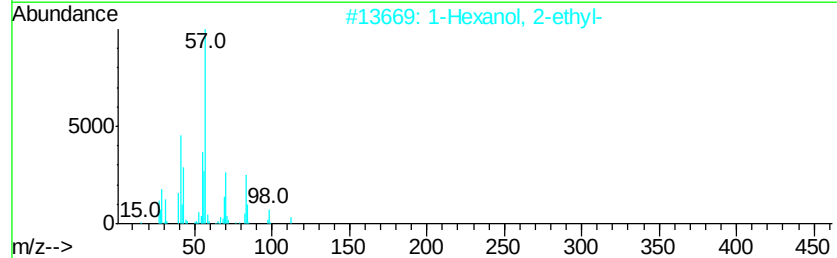
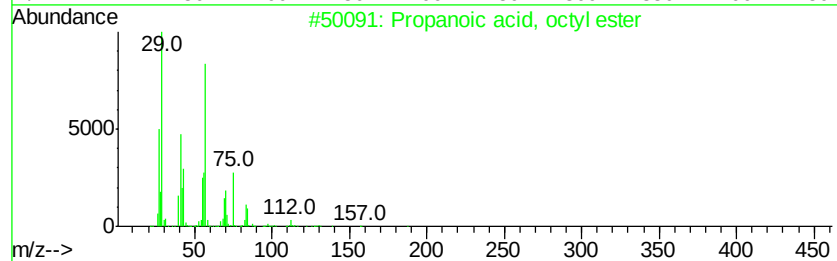
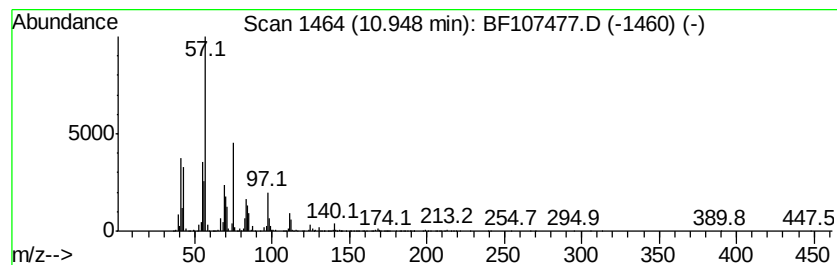
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Propanoic acid, octyl ester Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.95	133.15 ng	7213880	Phenanthrene-d10	11.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propanoic acid, octyl ester	186	C11H22O2	000142-60-9	64
2		1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	47
3		Isobutyl octan-2-yl carbonate	230	C13H26O3	1000372-74-7	47
4		1-Heptadecene	238	C17H34	006765-39-5	43
5		Propanoic acid, decyl ester	214	C13H26O2	005454-19-3	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071818\
Data File : BF107477.D
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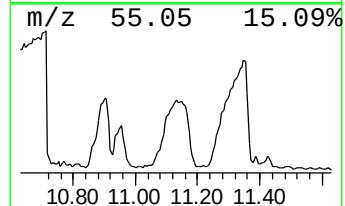
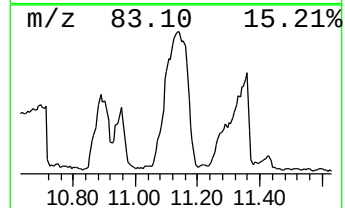
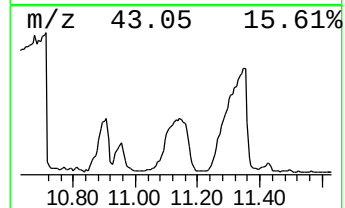
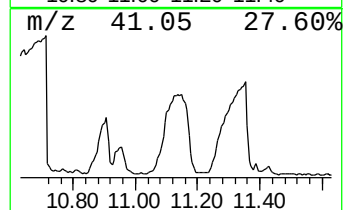
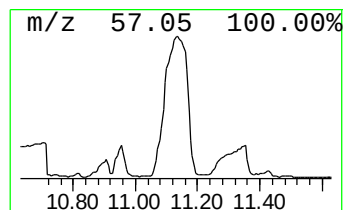
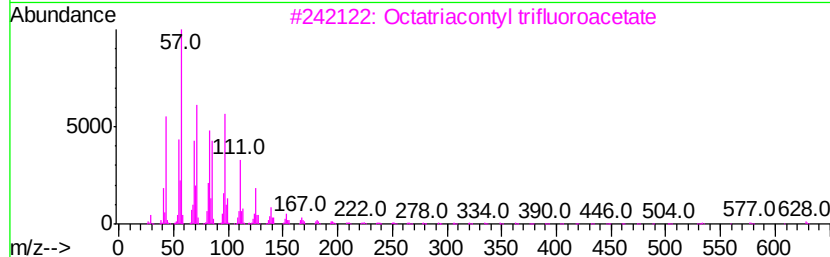
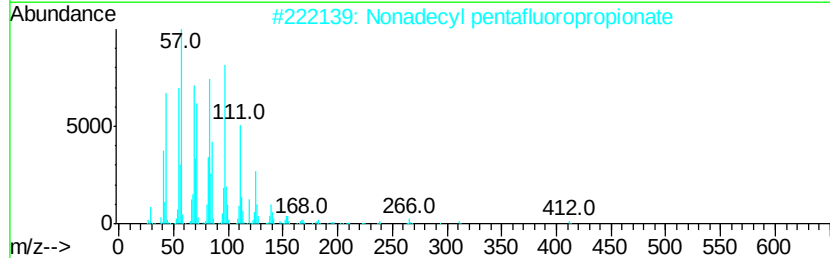
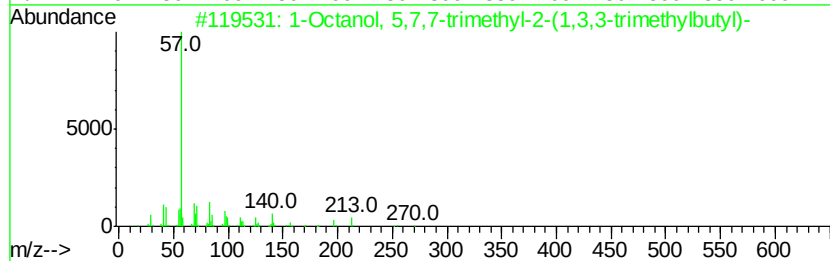
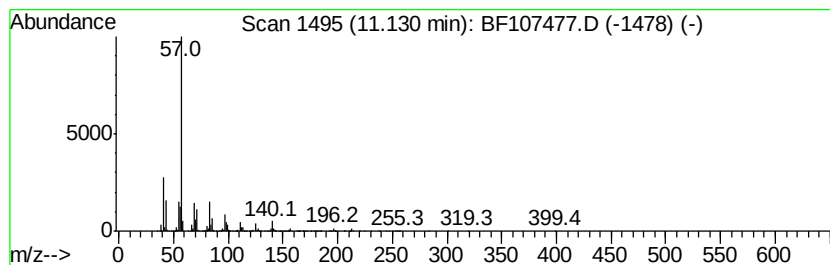
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 1-Octanol, 5,7,7-trimethyl-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.13	813.72 ng	44085300	Phenanthrene-d10	11.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octanol, 5,7,7-trimethyl-2-(1,...	270	C18H38O	036400-98-3	83		
2	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	50		
3	Octatriacontyl trifluoroacetate	647	C40H77F3O2	1000351-88-7	50		
4	Hexatriacontyl trifluoroacetate	619	C38H73F3O2	1000351-88-6	50		
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	50		



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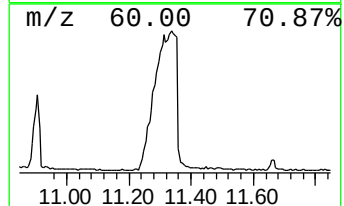
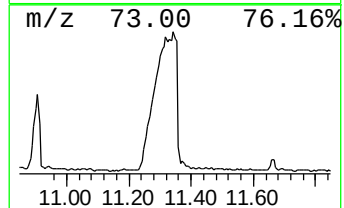
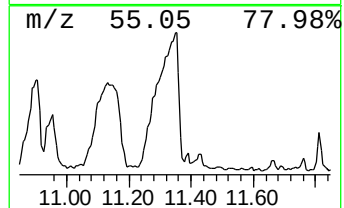
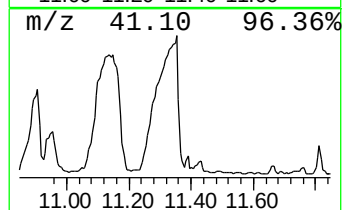
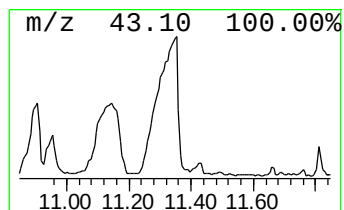
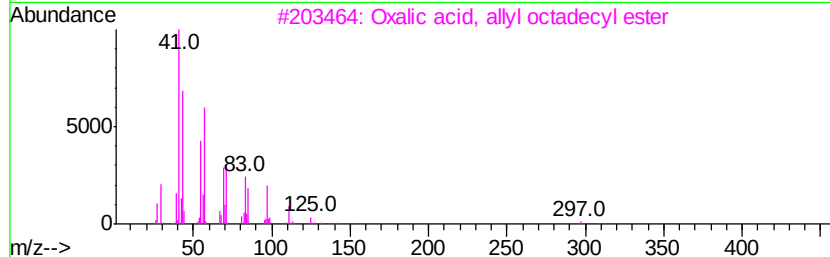
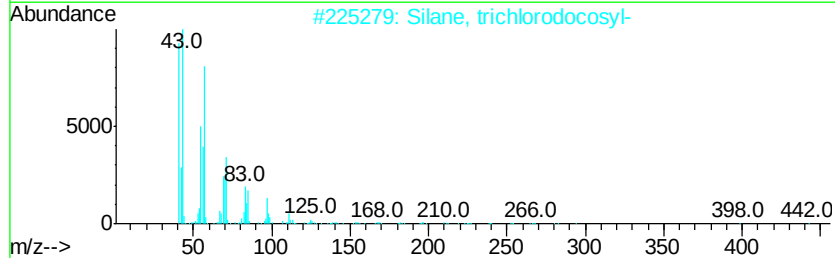
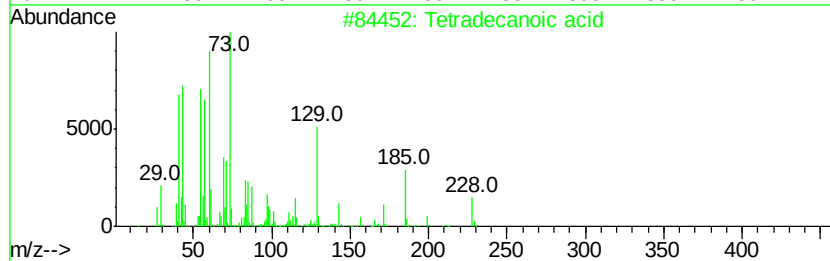
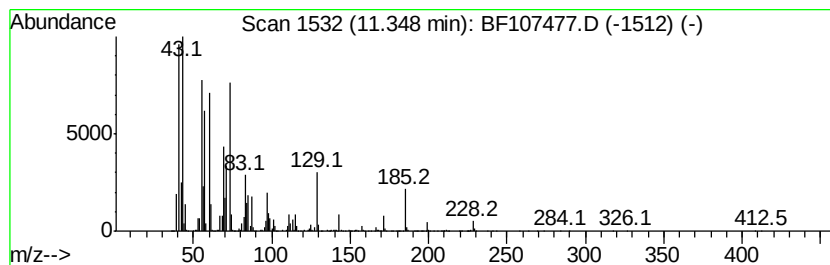
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tetradecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.35	849.05 ng	45999900	Phenanthrene-d10	11.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecanoic acid	228	C14H28O2	000544-63-8	94
2		Silane, trichlorodocosyl-	442	C22H45Cl3Si	007325-84-0	30
3		Oxalic acid, allyl octadecyl ester	382	C23H42O4	1000309-24-5	25
4		1-Undecene, 8-methyl-	168	C12H24	074630-40-3	25
5		Bromoacetic acid, tetradecyl ester	334	C16H31BrO2	018992-01-3	25



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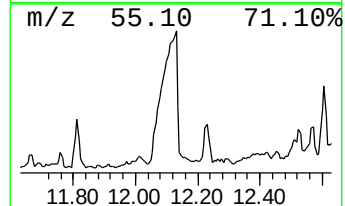
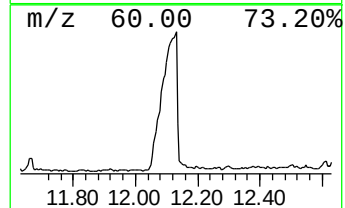
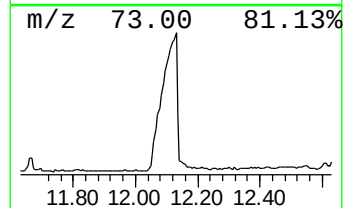
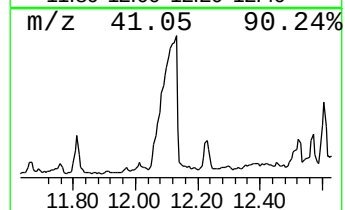
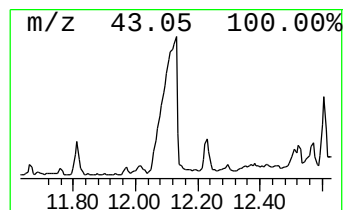
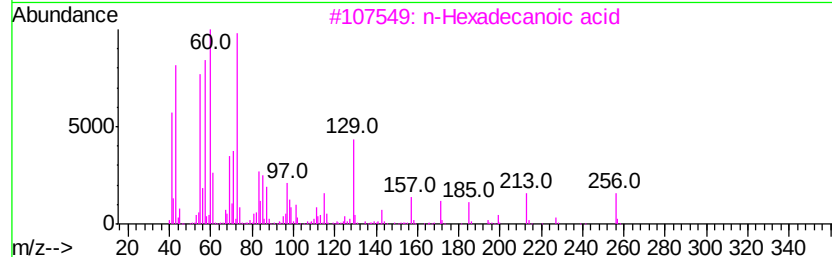
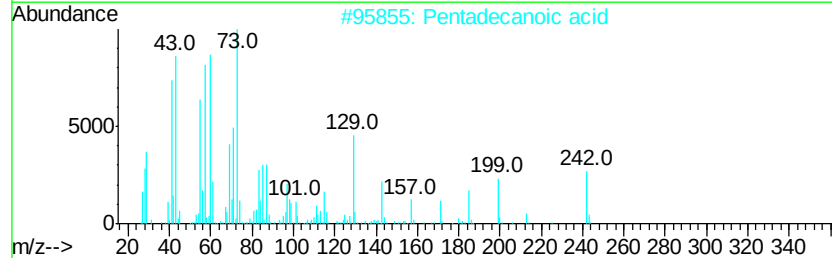
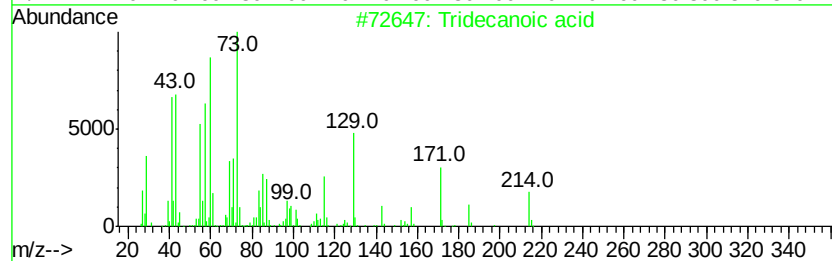
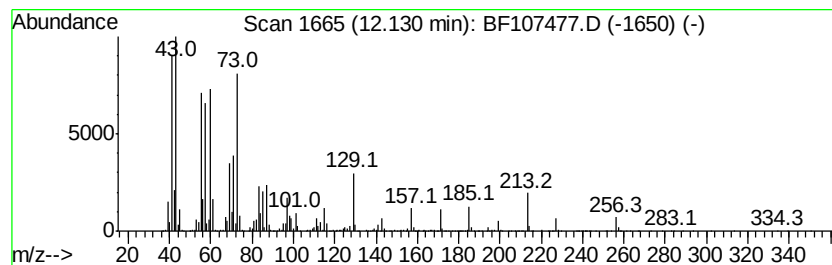
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tridecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	502.58 ng	27228700	Phenanthrene-d10	11.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecanoic acid	214	C13H26O2	000638-53-9	93
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
4		Dodecanoic acid	200	C12H24O2	000143-07-7	62
5		N-Acetylisoaxazolidine	115	C5H9NO2	115615-36-6	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071818\
Data File : BF107477.D
Acq On : 18 Jul 2018 15:07
Operator : JU/SJ
Sample : J3952-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WW

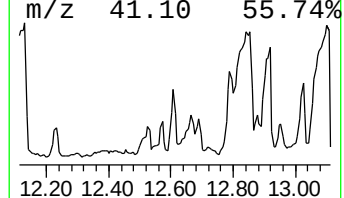
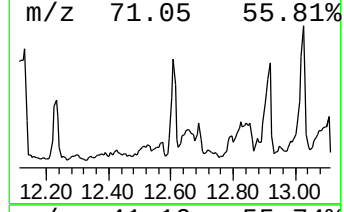
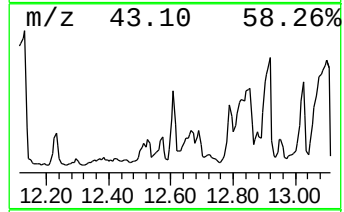
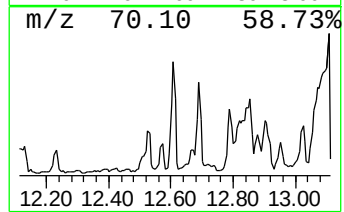
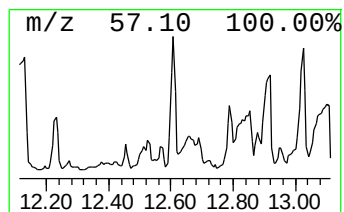
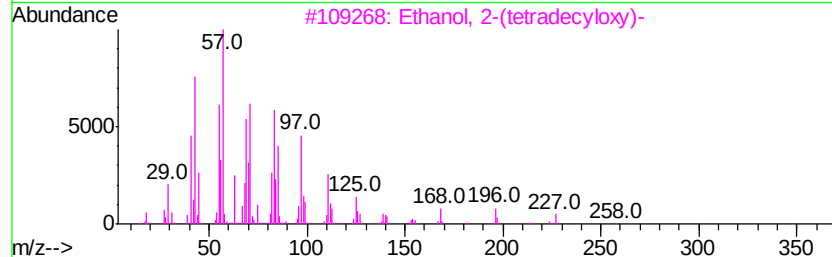
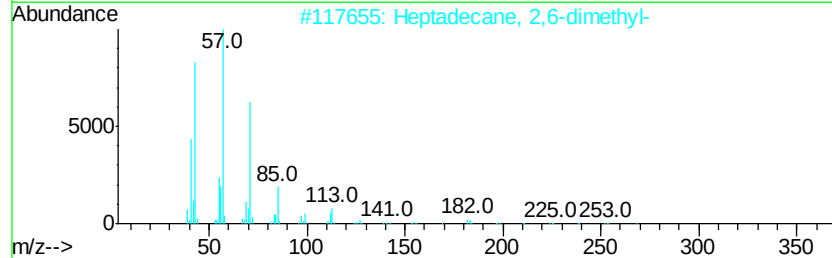
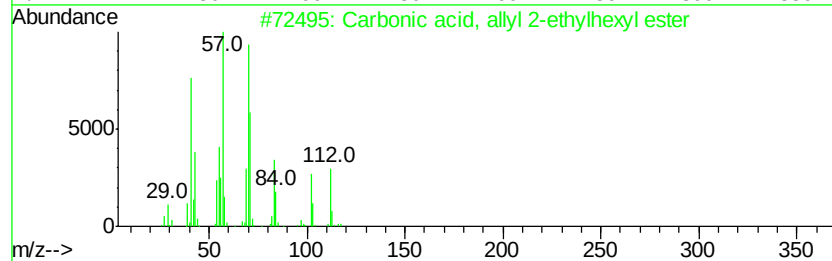
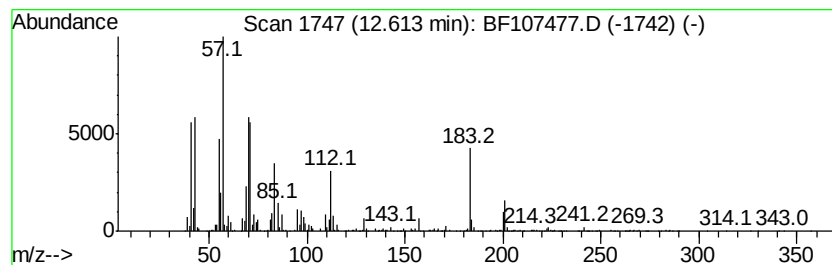
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Carbonic acid, allyl 2-ethy... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.61	80.90 ng	4383260	Phenanthrene-d10	11.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, allyl 2-ethylhexyl...	214	C12H22O3	1000357-80-6	50
2			Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	42
3			Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	38
4			Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	38
5			Dodecane, 1-fluoro-	188	C12H25F	000334-68-9	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071818\
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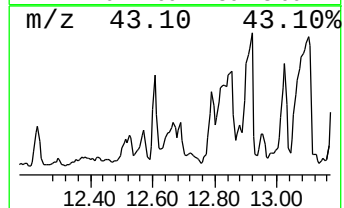
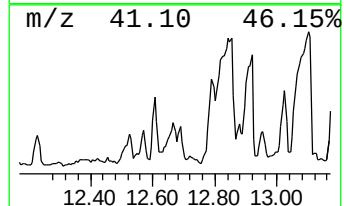
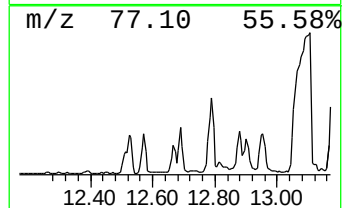
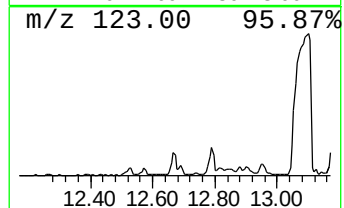
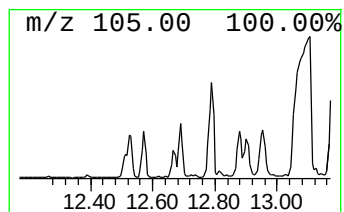
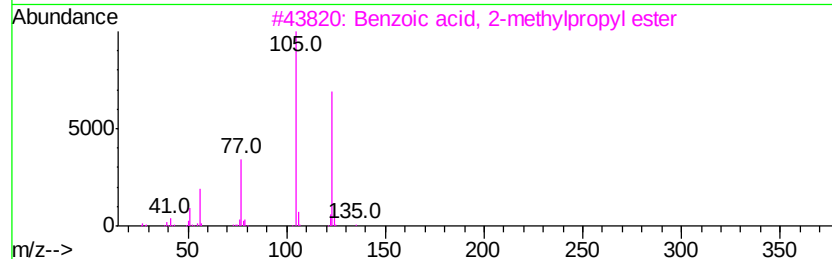
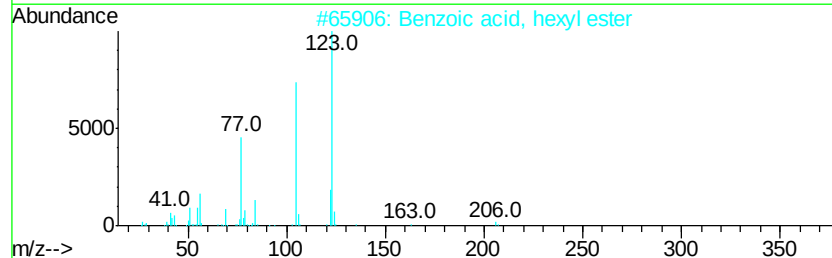
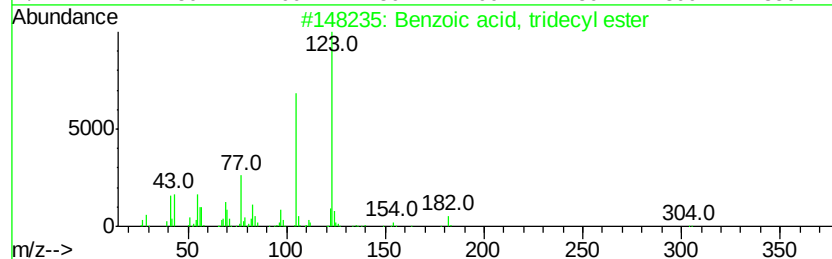
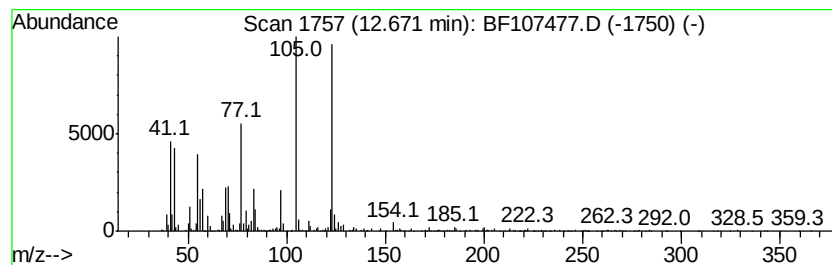
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benzoic acid, tridecyl ester Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	83.35 ng	4515940	Phenanthrene-d10	11.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzoic acid, tridecyl ester	304	C20H32O2	1000340-22-6	90
2		Benzoic acid, hexyl ester	206	C13H18O2	006789-88-4	72
3		Benzoic acid, 2-methylpropyl ester	178	C11H14O2	000120-50-3	59
4		Benzoic acid, heptadecyl ester	360	C24H40O2	1000340-23-0	50
5		3-Fluorobenzoic acid, 2-tridecyl...	322	C20H31FO2	1000280-60-2	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071818\
Data File : BF107477.D
Acq On : 18 Jul 2018 15:07
Operator : JU/SJ
Sample : J3952-02
Misc :
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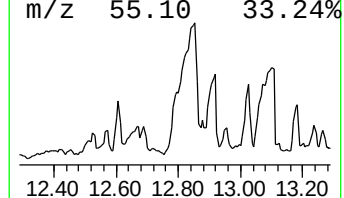
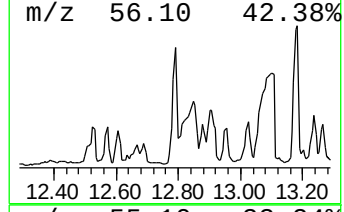
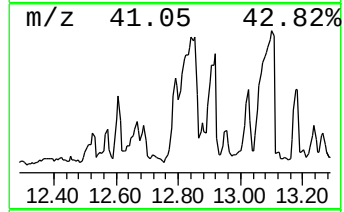
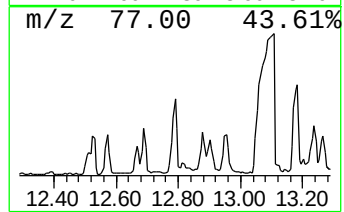
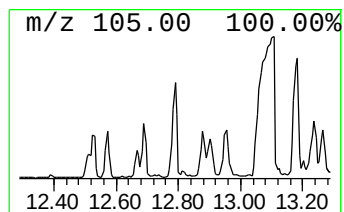
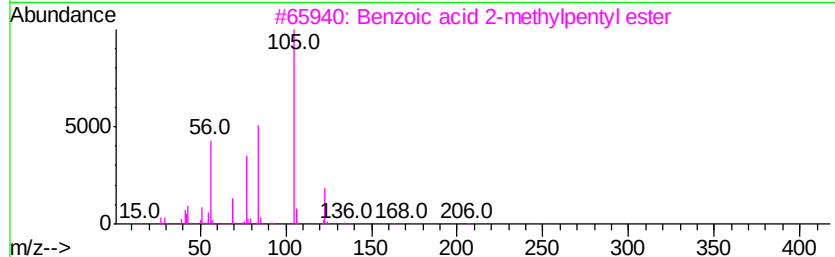
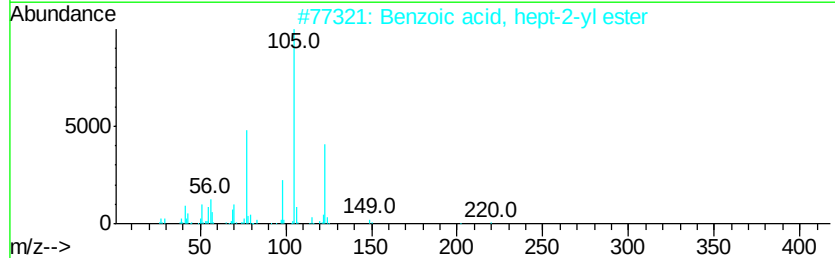
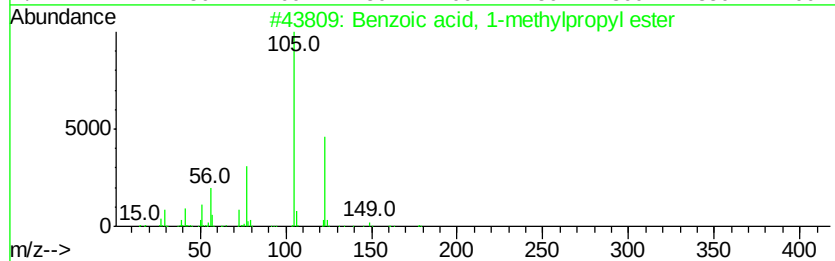
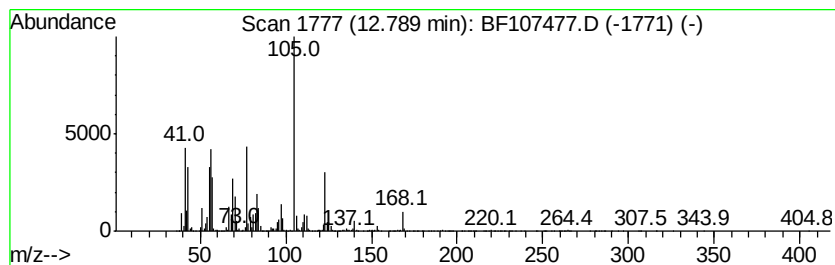
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Benzoic acid, 1-methylpropy... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.79	170.34 ng	9228420	Phenanthrene-d10	11.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzoic acid, 1-methylpropyl ester	178	C11H14O2	003306-36-3	59
2		Benzoic acid, hept-2-yl ester	220	C14H20O2	1000368-69-4	49
3		Benzoic acid 2-methylpentyl ester	206	C13H18O2	059736-57-1	43
4		Benzoic acid, hept-3-yl ester	220	C14H20O2	1000368-76-7	43
5		1,2-Ethanediol, monobenzoate	166	C9H10O3	000094-33-7	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071818\
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Sample : J3952-02
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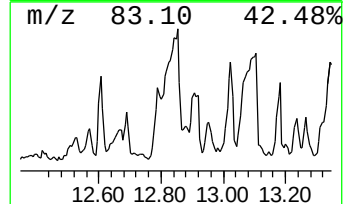
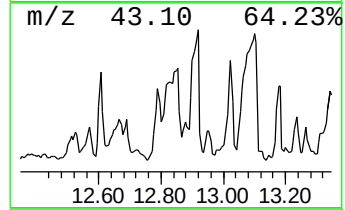
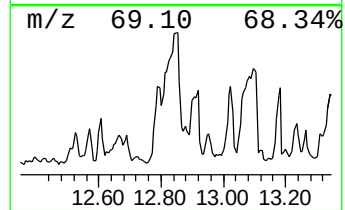
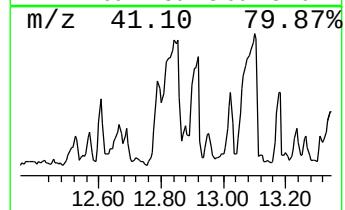
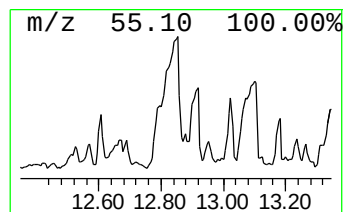
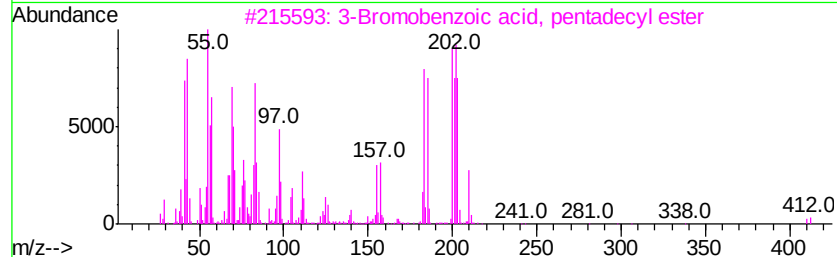
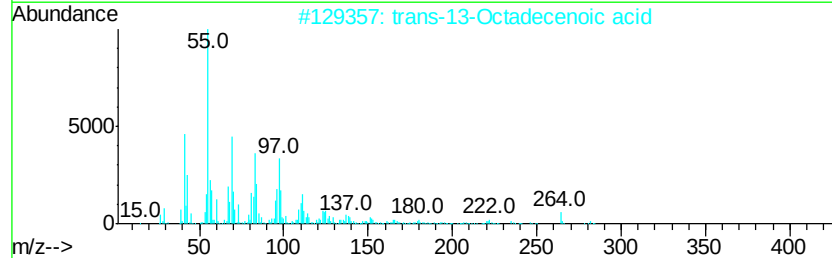
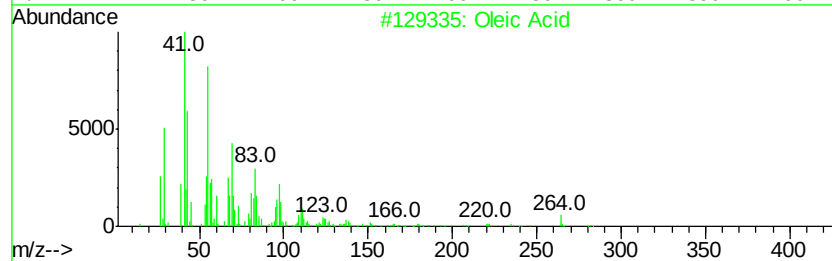
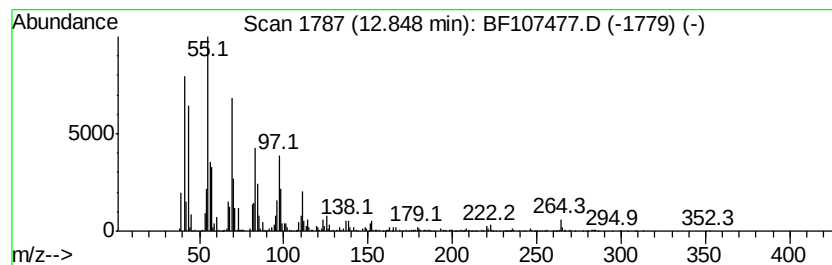
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Oleic Acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.85	424.22 ng	22983400	Phenanthrene-d10	11.56		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Oleic Acid	282	C18H34O2	000112-80-1	91
2		trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	91
3		3-Bromobenzoic acid, pentadecyl ...	410	C22H35BrO2	1000281-95-1	87
4		9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	86
5		4-Chloro-3-n-hexyltetrahydropyran	204	C11H21ClO	066555-66-6	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071818\
Data File : BF107477.D
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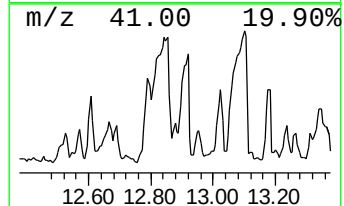
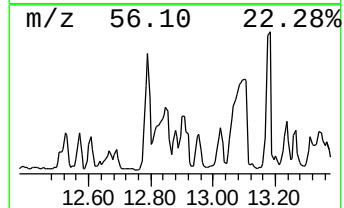
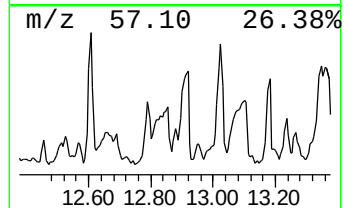
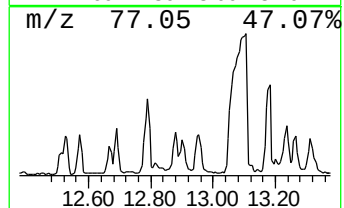
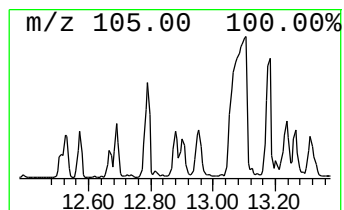
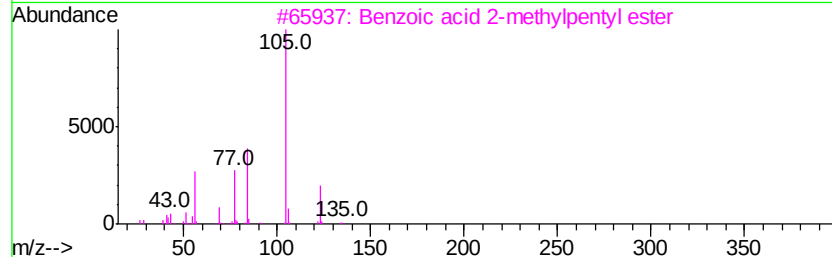
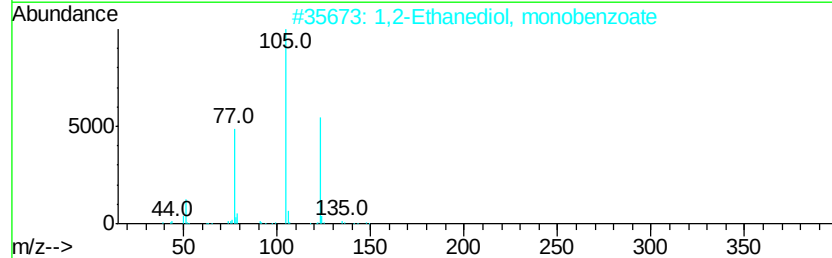
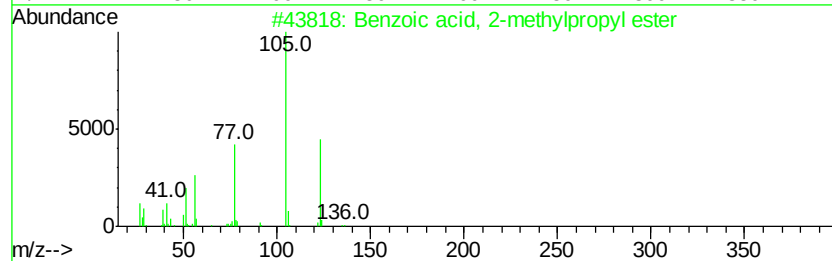
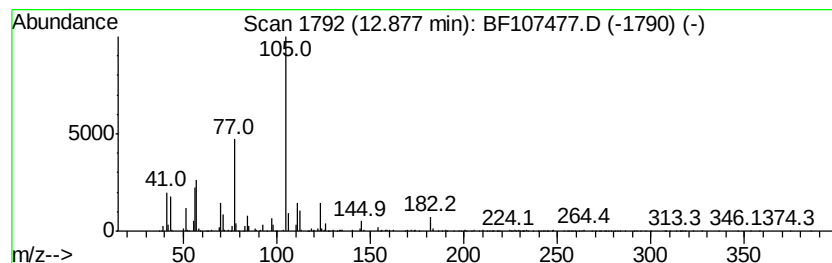
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Benzoic acid, 2-methylpropy... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.88	70.17 ng	3801730	Phenanthrene-d10	11.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzoic acid, 2-methylpropyl ester	178	C11H14O2	000120-50-3	59
2		1,2-Ethanediol, monobenzoate	166	C9H10O3	000094-33-7	47
3		Benzoic acid 2-methylpentyl ester	206	C13H18O2	059736-57-1	47
4		Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	43
5		Benzophenone	182	C13H10O	000119-61-9	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071818\
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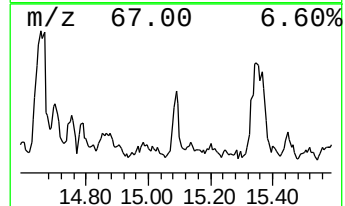
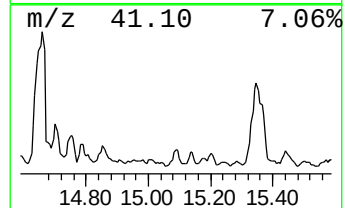
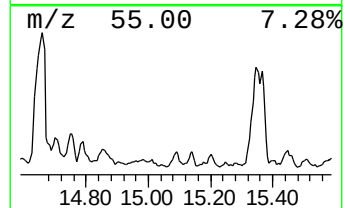
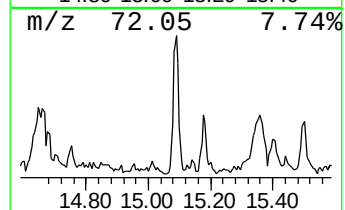
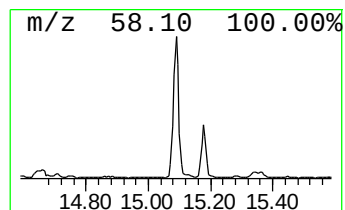
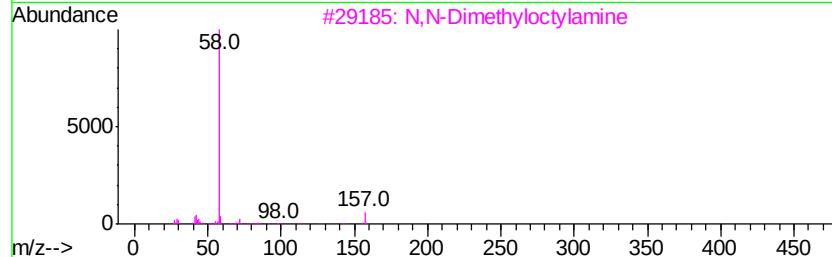
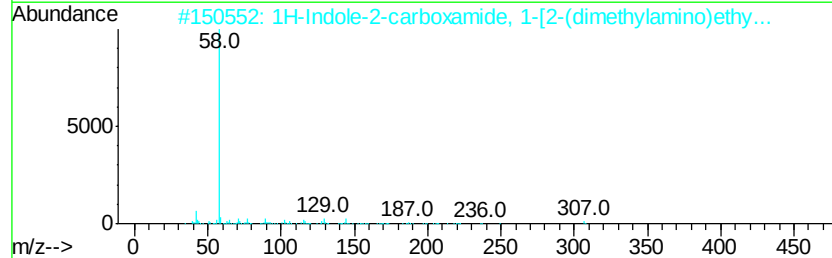
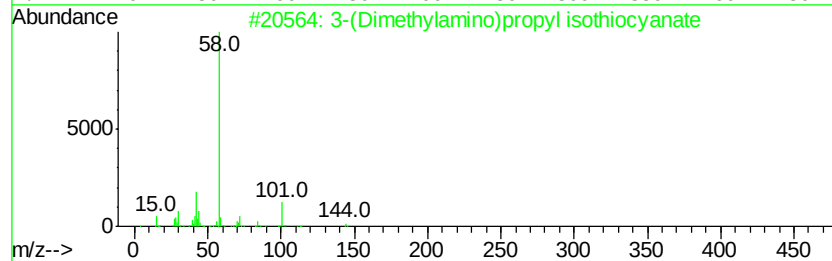
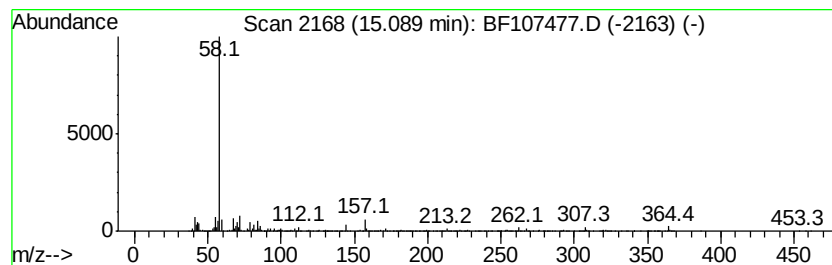
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 3-(Dimethylamino)propyl iso... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	78.18 ng	3068120	Perylene-d12	15.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-(Dimethylamino)propyl isothioc...	144	C6H12N2S	027421-70-1	72
2		1H-Indole-2-carboxamide, 1-[2-(d...	307	C19H21N3O	1000337-90-1	64
3		N,N-Dimethyloctylamine	157	C10H23N	007378-99-6	64
4		Benzamide, 5-bromo-2-hydroxy-N-(...	300	C12H17BrN2O2	289660-53-3	64
5		Tetradonium Bromide	335	C17H38BrN	001119-97-7	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071818\
Data File : BF107477.D
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ALS Vial : 15 Sample Multiplier: 1

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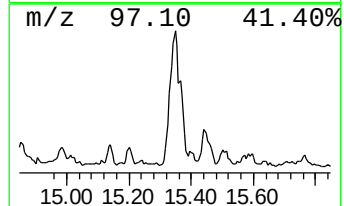
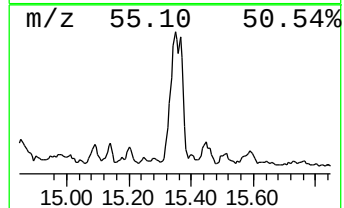
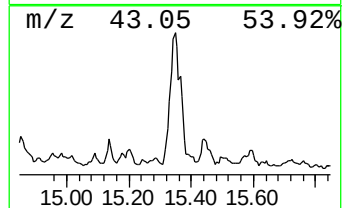
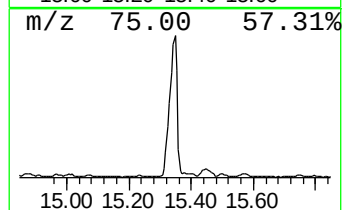
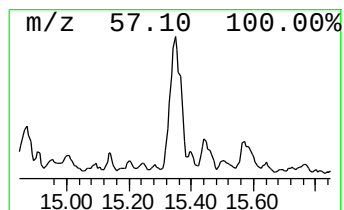
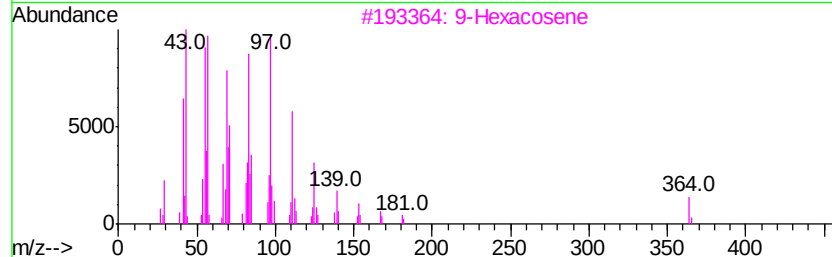
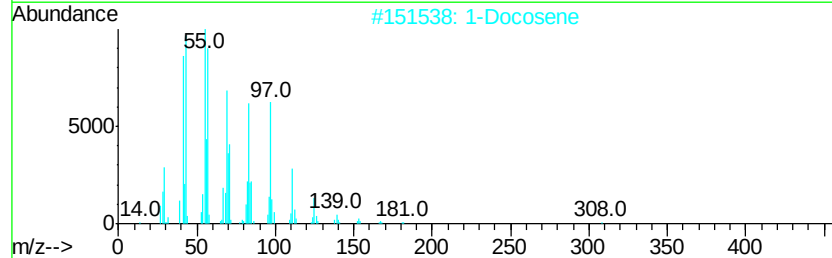
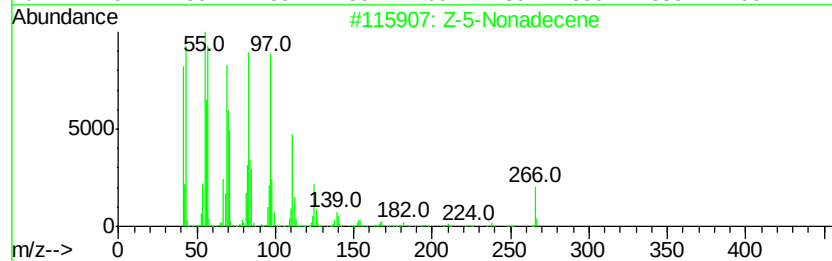
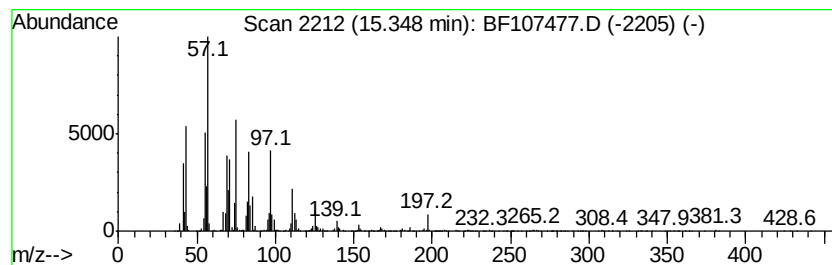
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Z-5-Nonadecene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.35	440.52 ng	17288400	Perylene-d12	15.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Z-5-Nonadecene	266	C19H38	1000131-11-8	97
2		1-Docosene	308	C22H44	001599-67-3	96
3		9-Hexacosene	364	C26H52	071502-22-2	93
4		Z-12-Pentacosene	350	C25H50	1000131-09-4	90
5		1-Hexacosene	364	C26H52	018835-33-1	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071818\
Data File : BF107477.D
Acq On : 18 Jul 2018 15:07
Operator : JU/SJ
Sample : J3952-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WW

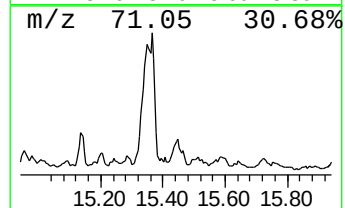
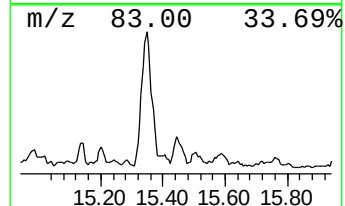
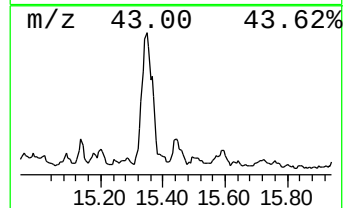
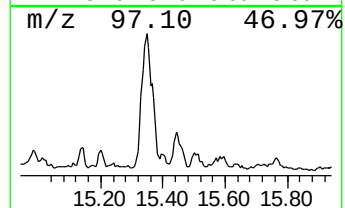
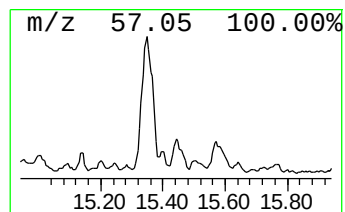
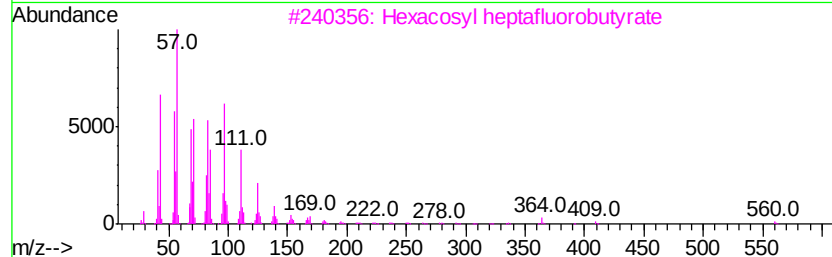
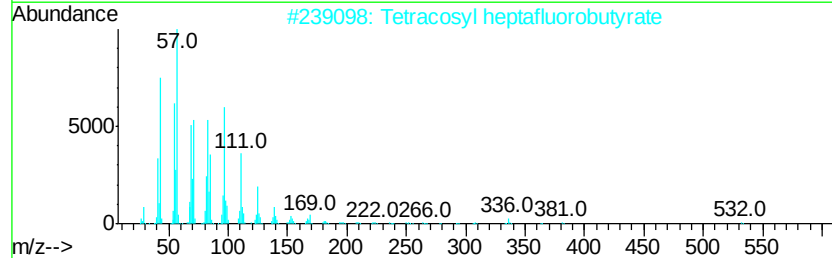
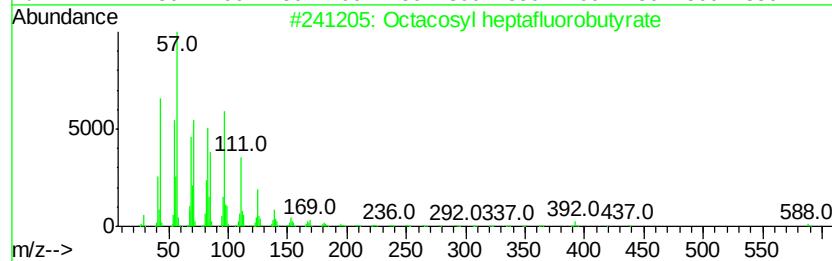
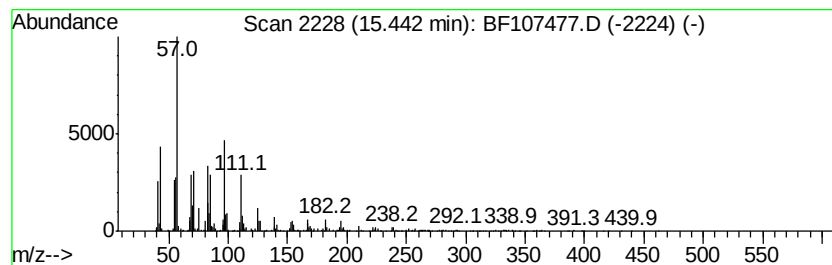
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Octacosyl heptafluorobutyrate Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	68.93 ng	2705090	Perylene-d12	15.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosyl heptafluorobutyrate	606	C32H57F7O2	1000351-83-6	90
2		Tetracosyl heptafluorobutyrate	550	C28H49F7O2	1000351-83-7	90
3		Hexacosyl heptafluorobutyrate	578	C30H53F7O2	1000351-83-3	90
4		Hexacosyl pentafluoropropionate	528	C29H53F5O2	1000351-81-2	90
5		Triacetyl pentafluoropropionate	584	C33H61F5O2	1000351-80-0	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071818\
Data File : BF107477.D
Acq On : 18 Jul 2018 15:07
Operator : JU/SJ
Sample : J3952-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WW

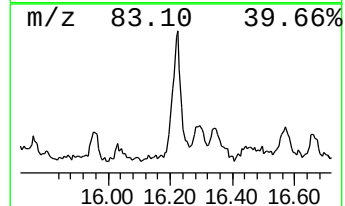
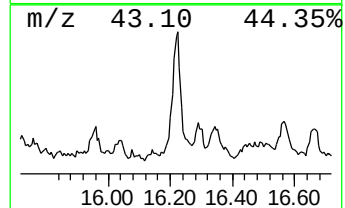
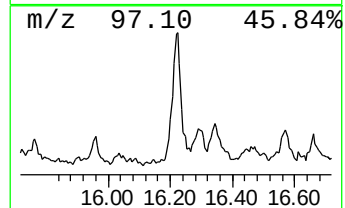
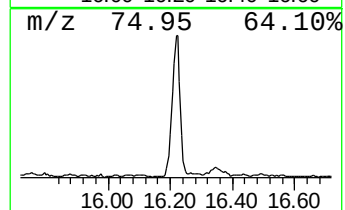
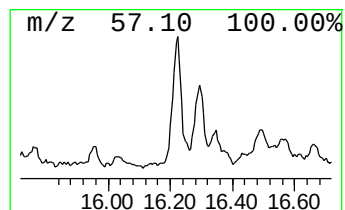
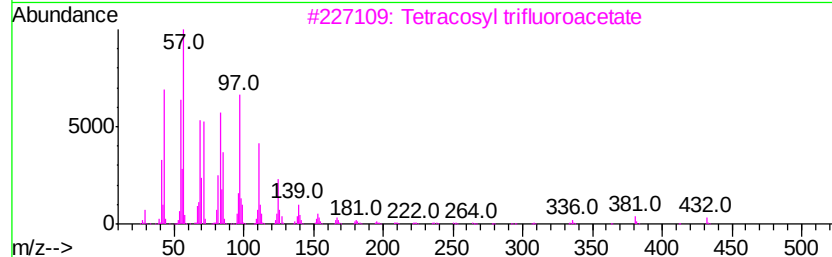
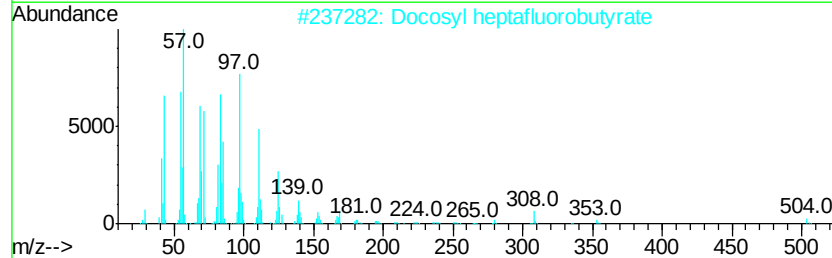
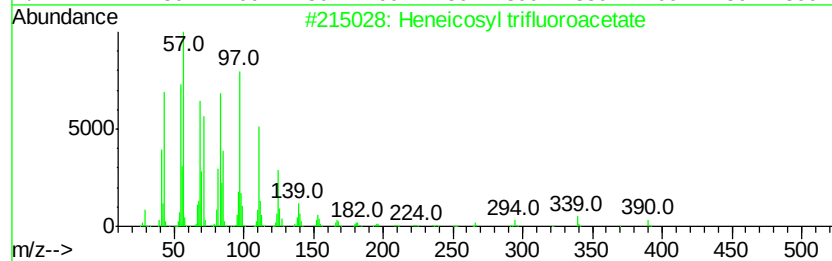
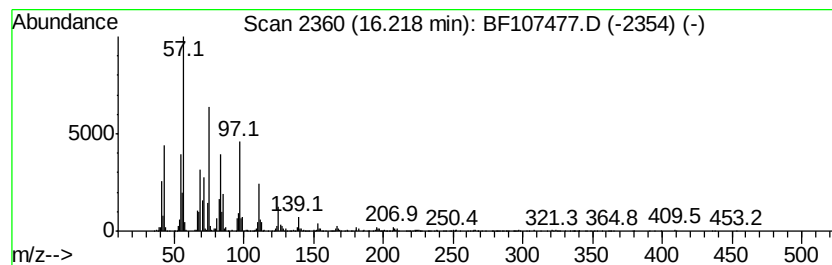
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Heneicosyl trifluoroacetate Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.22	131.36 ng	5155140	Perylene-d12	15.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosyl trifluoroacetate	408	C23H43F3O2	1000351-76-5	68
2		Docosyl heptafluorobutyrate	522	C26H45F7O2	1000351-83-1	68
3		Tetracosyl trifluoroacetate	450	C26H49F3O2	1000351-76-4	64
4		Tricosyl heptafluorobutyrate	536	C27H47F7O2	1000351-83-4	64
5		1-Hexacosanol	382	C26H54O	000506-52-5	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071818\
Data File : BF107477.D
Acq On : 18 Jul 2018 15:07
Operator : JU/SJ
Sample : J3952-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WW

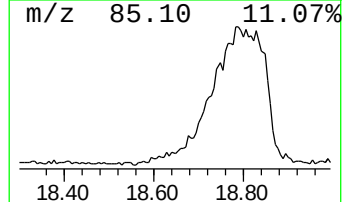
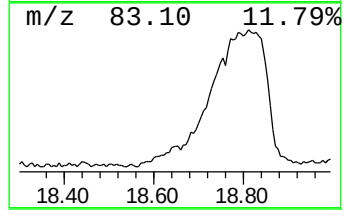
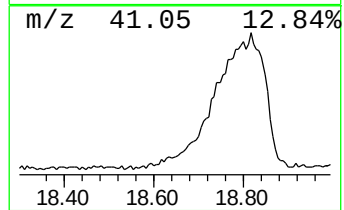
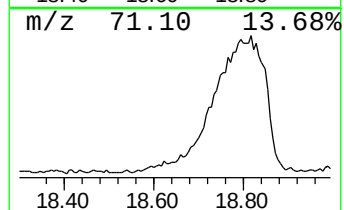
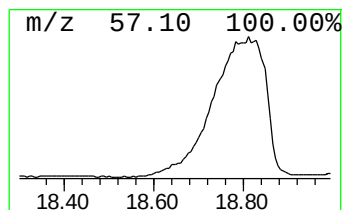
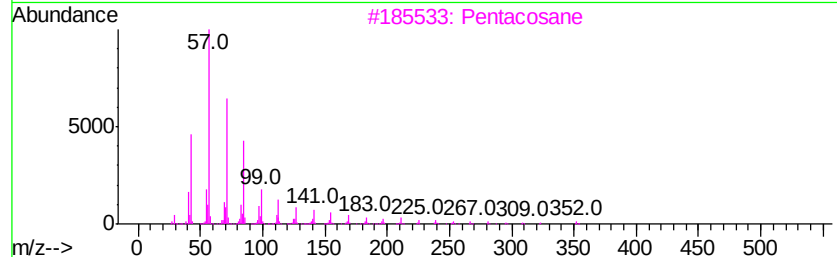
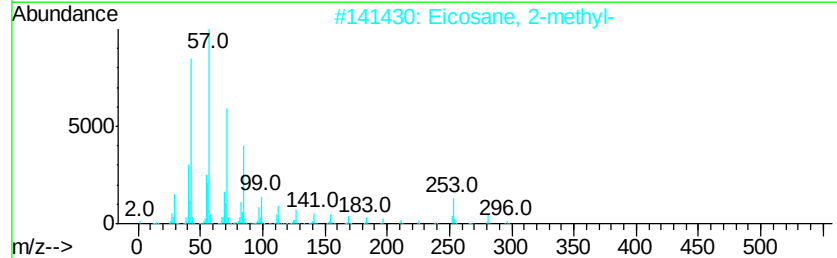
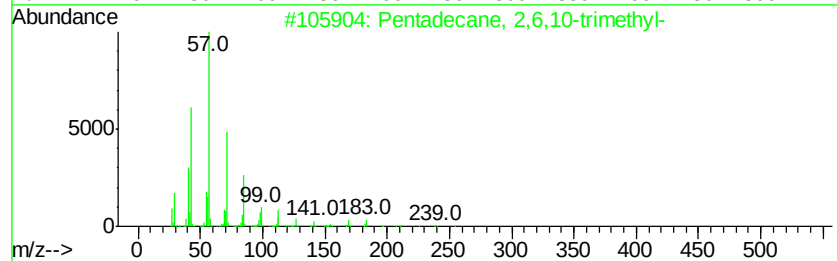
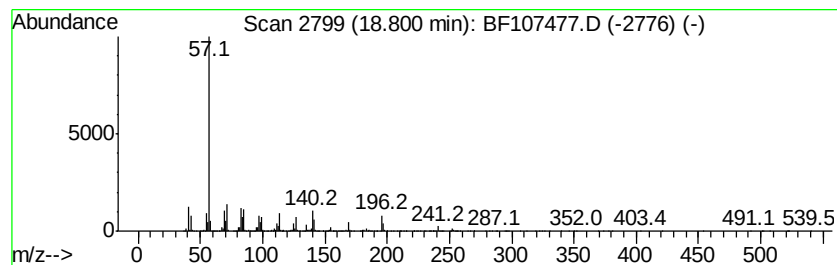
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Pentadecane, 2,6,10-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.80	466.20 ng	18296000	Perylene-d12	15.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	46
2		Eicosane, 2-methyl-	296	C21H44	001560-84-5	43
3		Pentacosane	352	C25H52	000629-99-2	43
4		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	38
5		Trimethylacetic Acid, 2,2,2-trif...	184	C7H11F3O2	1000376-59-9	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071818\
 Data File : BF107477.D
 Acq On : 18 Jul 2018 15:07
 Operator : JU/SJ
 Sample : J3952-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.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
1-Hexanol	5.60	180.9	ng	7758420	1	6.99	857539	20.0
Propanoic acid, b...	5.99	203.1	ng	8706160	1	6.99	857539	20.0
Octane, 2,3-dimet...	7.15	1615.3	ng	69260700	1	6.99	857539	20.0
1-Octanol	7.48	114.9	ng	4926790	1	6.99	857539	20.0
Hexanoic acid, 2-...	7.91	176.8	ng	18970900	2	8.29	2146540	20.0
Dodecanoic acid	10.38	261.0	ng	36697400	3	10.05	2812320	20.0
Propanoic acid, o...	10.95	133.2	ng	7213880	4	11.56	1083560	20.0
1-Octanol, 5,7,7-...	11.13	813.7	ng	44085300	4	11.56	1083560	20.0
Tetradecanoic acid	11.35	849.0	ng	45999900	4	11.56	1083560	20.0
Tridecanoic acid	12.13	502.6	ng	27228700	4	11.56	1083560	20.0
Carbonic acid, al...	12.61	80.9	ng	4383260	4	11.56	1083560	20.0
Benzoic acid, tri...	12.67	83.3	ng	4515940	4	11.56	1083560	20.0
Benzoic acid, 1-m...	12.79	170.3	ng	9228420	4	11.56	1083560	20.0
Oleic Acid	12.85	424.2	ng	22983400	4	11.56	1083560	20.0
Benzoic acid, 2-m...	12.88	70.2	ng	3801730	4	11.56	1083560	20.0
3-(Dimethylamino)...	15.09	78.2	ng	3068120	6	15.74	784906	20.0
Z-5-Nonadecene	15.35	440.5	ng	17288400	6	15.74	784906	20.0
Octacosyl heptafl...	15.44	68.9	ng	2705090	6	15.74	784906	20.0
Heneicosyl triflu...	16.22	131.4	ng	5155140	6	15.74	784906	20.0
Pentadecane, 2,6,...	18.80	466.2	ng	18296000	6	15.74	784906	20.0