

Data Path : Z:\HPCHEM1\BNA_F\Data\BF071417\
 Data File : BF096786.D
 Acq On : 14 Jul 2017 22:03
 Operator : SJ/JU
 Sample : I4141-02
 Misc :
 ALS Vial : 9 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:\HPCHEM1\BNA_F\METHODS\8270-BF071317.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	3.963	330	336	351	rVB	526327	827929	2.90%	0.381%
2	5.175	538	542	548	rBV	699520	1125333	3.94%	0.518%
3	5.228	548	551	556	rVB	1059508	982172	3.44%	0.452%
4	6.051	686	691	698	rVB2	288824	500787	1.75%	0.230%
5	6.216	715	719	723	rVV2	289873	377741	1.32%	0.174%
6	6.286	729	731	738	rVV	286736	390392	1.37%	0.180%
7	6.392	744	749	753	rVV2	1911013	2403647	8.42%	1.106%
8	6.463	757	761	762	rVV2	431327	580630	2.03%	0.267%
9	6.622	785	788	792	rBV	751670	634185	2.22%	0.292%
10	6.745	797	809	811	rVV	6488076	17193762	60.24%	7.914%
11	6.781	812	815	819	rVV	2098851	2123258	7.44%	0.977%
12	7.028	852	857	862	rBV3	315392	450476	1.58%	0.207%
13	7.139	863	876	879	rBV	371860	804344	2.82%	0.370%
14	7.192	879	885	888	rVB	1634653	1866084	6.54%	0.859%
15	7.257	888	896	902	rVB	488253	681610	2.39%	0.314%
16	7.392	902	919	921	rBV	1080397	2416513	8.47%	1.112%
17	7.451	924	929	930	rBV	480562	606239	2.12%	0.279%
18	7.610	954	956	959	rVB	2768598	2057172	7.21%	0.947%
19	7.857	978	998	1002	rBV4	1395644	5617054	19.68%	2.585%
20	7.910	1002	1007	1010	rVB2	1299793	1301679	4.56%	0.599%
21	8.086	1032	1037	1040	rBV2	469835	475020	1.66%	0.219%
22	8.304	1070	1074	1078	rBV	410055	489686	1.72%	0.225%
23	8.516	1105	1110	1116	rVB	811873	774919	2.72%	0.357%
24	8.639	1127	1131	1133	rBV	616457	506048	1.77%	0.233%
25	8.669	1133	1136	1139	rVB	645571	543593	1.90%	0.250%
26	8.916	1163	1178	1181	rVV	1410563	3477105	12.18%	1.600%
27	8.986	1185	1190	1192	rBV	2768663	2685965	9.41%	1.236%
28	9.016	1192	1195	1199	rVB2	1083352	1526936	5.35%	0.703%
29	9.080	1203	1206	1208	rVV	1486215	1248167	4.37%	0.574%
30	9.110	1208	1211	1215	rVB	1257205	1183158	4.15%	0.545%
31	9.216	1224	1229	1231	rBV	760039	740134	2.59%	0.341%
32	9.310	1242	1245	1247	rBV	1054134	765614	2.68%	0.352%
33	9.398	1255	1260	1263	rBV4	225041	412053	1.44%	0.190%
34	9.480	1271	1274	1277	rVB	1782611	1403360	4.92%	0.646%

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35	9.545	1281	1285	1288	rVB	573815	548093	1.92%	0.252%
36	9.610	1292	1296	1299	rVB	740102	654771	2.29%	0.301%
37	9.657	1299	1304	1306	rBV2	804378	818291	2.87%	0.377%
38	9.727	1306	1316	1319	rVB	4196500	4910150	17.20%	2.260%
39	9.857	1329	1338	1340	rBV6	359861	749619	2.63%	0.345%
40	9.892	1340	1344	1346	rBV	403635	442991	1.55%	0.204%
41	9.998	1346	1362	1364	rBV	3795894	12712366	44.54%	5.851%
42	10.316	1414	1416	1420	rVV	338385	397032	1.39%	0.183%
43	10.445	1435	1438	1442	rVB2	993412	1067582	3.74%	0.491%
44	10.486	1442	1445	1447	rBV	756305	720892	2.53%	0.332%
45	10.580	1457	1461	1466	rVB	1092116	1157804	4.06%	0.533%
46	10.751	1472	1490	1492	rVV2	7059989	28542030	100.00%	13.137%
47	10.780	1492	1495	1499	rVV	6745067	7515452	26.33%	3.459%
48	10.839	1499	1505	1509	rVV3	808267	1430749	5.01%	0.659%
49	10.880	1509	1512	1518	rVV	1009913	1655214	5.80%	0.762%
50	10.951	1521	1524	1528	rVV2	578788	697414	2.44%	0.321%
51	10.986	1528	1530	1533	rVV	441252	561004	1.97%	0.258%
52	11.033	1536	1538	1545	rVB	492801	572189	2.00%	0.263%
53	11.139	1553	1556	1558	rVV	658247	606432	2.12%	0.279%
54	11.380	1594	1597	1601	rVB	675701	590688	2.07%	0.272%
55	11.551	1621	1626	1629	rVB	1130135	1077022	3.77%	0.496%
56	11.610	1633	1636	1641	rBV	374056	391153	1.37%	0.180%
57	11.686	1646	1649	1653	rBV2	363829	463237	1.62%	0.213%
58	11.833	1671	1674	1679	rBV	275960	380154	1.33%	0.175%
59	11.886	1680	1683	1688	rVB	514259	489287	1.71%	0.225%
60	11.933	1688	1691	1694	rBV	1385474	1545397	5.41%	0.711%
61	11.963	1694	1696	1699	rVB	705971	551062	1.93%	0.254%
62	12.151	1722	1728	1732	rBV3	435996	881703	3.09%	0.406%
63	12.192	1732	1735	1739	rVV2	563963	683888	2.40%	0.315%
64	12.251	1740	1745	1749	rVV2	918970	1407168	4.93%	0.648%
65	12.315	1753	1756	1758	rBV2	312805	406114	1.42%	0.187%
66	12.363	1762	1764	1769	rVV3	287467	405457	1.42%	0.187%
67	12.404	1769	1771	1774	rVB	611066	525056	1.84%	0.242%
68	12.457	1774	1780	1786	rBV	1557183	3011439	10.55%	1.386%
69	12.504	1786	1788	1790	rVV2	615342	549771	1.93%	0.253%
70	12.645	1804	1812	1815	rBV2	5386686	11047337	38.71%	5.085%
71	12.692	1815	1820	1824	rVV4	3842984	6641329	23.27%	3.057%

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72	12.721	1824	1825	1828	rVV	1280258	960129	3.36%	0.442%
73	12.757	1828	1831	1833	rVV	425072	421710	1.48%	0.194%
74	12.792	1835	1837	1839	rVV	602862	452286	1.58%	0.208%
75	12.815	1839	1841	1845	rVB	713667	668496	2.34%	0.308%
76	13.051	1876	1881	1884	rVV	3479834	3691842	12.93%	1.699%
77	13.145	1894	1897	1902	rVB	501116	531083	1.86%	0.244%
78	13.221	1908	1910	1917	rVB3	510483	531026	1.86%	0.244%
79	13.315	1922	1926	1929	rVB	1026025	1011912	3.55%	0.466%
80	13.374	1933	1936	1938	rVV	443825	440456	1.54%	0.203%
81	13.404	1938	1941	1947	rVB2	3187342	3988512	13.97%	1.836%
82	13.492	1953	1956	1958	rBV	434539	466694	1.64%	0.215%
83	13.645	1977	1982	1986	rBV	1830776	1802800	6.32%	0.830%
84	13.745	1995	1999	2001	rBV	3078052	3011118	10.55%	1.386%
85	13.857	2015	2018	2023	rVB	382863	372025	1.30%	0.171%
86	14.015	2042	2045	2047	rBV	508020	529745	1.86%	0.244%
87	14.062	2051	2053	2057	rVV	332460	367228	1.29%	0.169%
88	14.115	2057	2062	2065	rVV2	356628	657718	2.30%	0.303%
89	14.162	2068	2070	2073	rVV2	441456	447163	1.57%	0.206%
90	14.262	2082	2087	2091	rVV	2018209	2359831	8.27%	1.086%
91	14.321	2093	2097	2103	rVB	945316	1316558	4.61%	0.606%
92	14.415	2109	2113	2119	rBV	1126435	1955428	6.85%	0.900%
93	14.533	2130	2133	2137	rVB2	431301	400419	1.40%	0.184%
94	14.604	2142	2145	2150	rVB2	654111	638081	2.24%	0.294%
95	14.886	2186	2193	2203	rVB	3041811	4969296	17.41%	2.287%
96	15.080	2222	2226	2230	rBV	231550	362957	1.27%	0.167%
97	15.121	2230	2233	2235	rVV2	458953	617862	2.16%	0.284%
98	15.145	2235	2237	2242	rVB	531077	523521	1.83%	0.241%
99	17.721	2647	2675	2676	rBV	4704195	26135500	91.57%	12.029%
100	18.397	2783	2790	2810	rVB2	473921	1652705	5.79%	0.761%

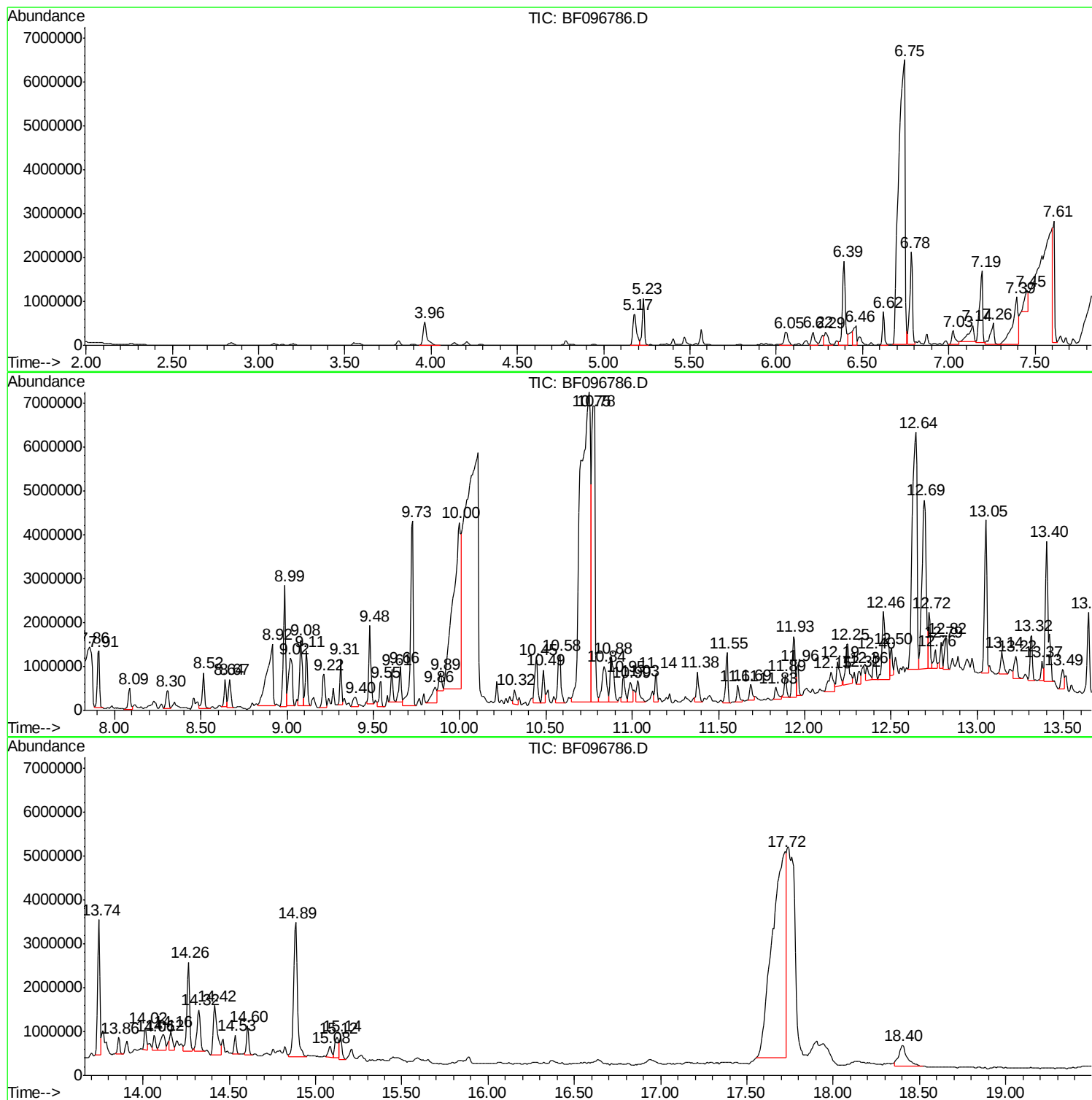
Sum of corrected areas: 217264203

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.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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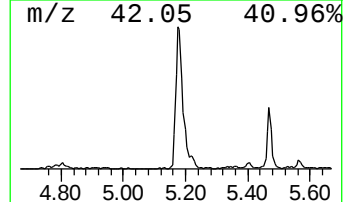
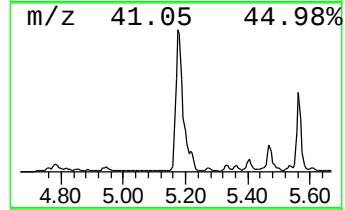
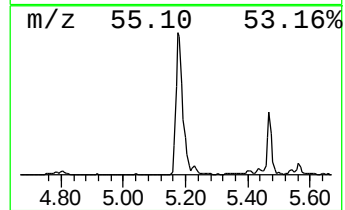
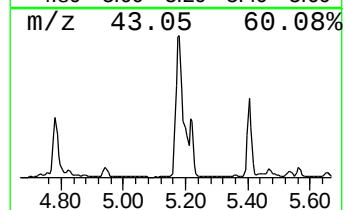
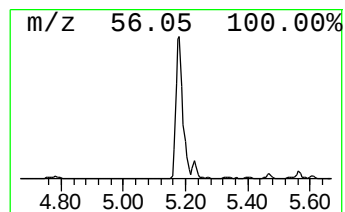
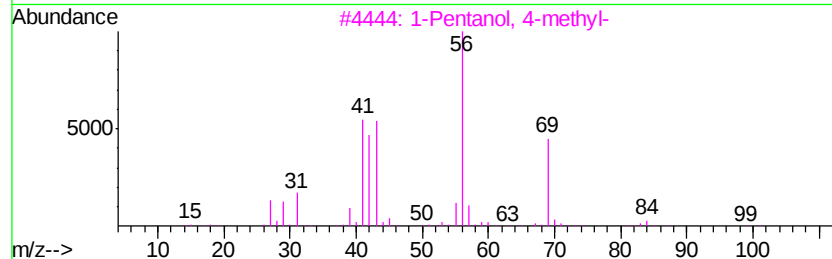
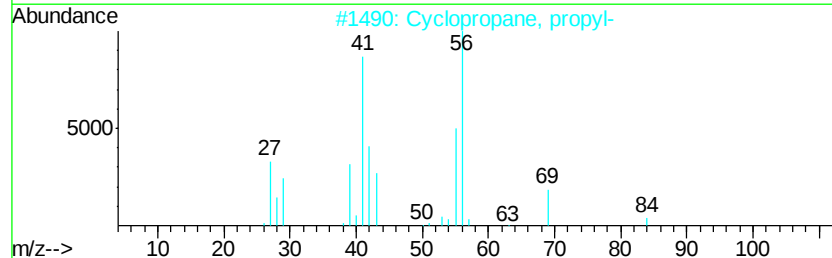
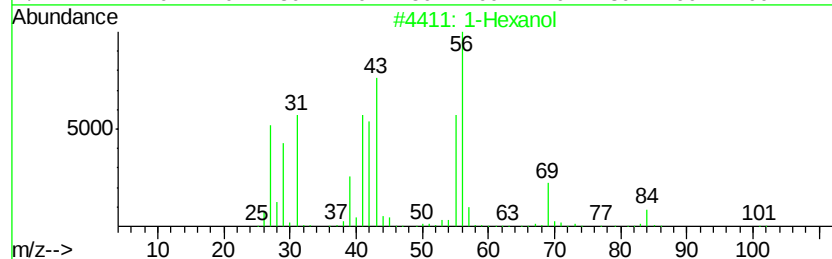
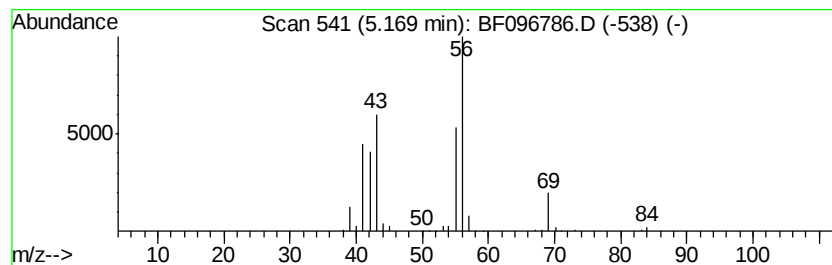
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 1-Hexanol Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.17	35.49 ng	1125330	1,4-Dichlorobenzene-d4	6.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Hexanol	102	C6H14O	000111-27-3	90
2		Cyclopropane, propyl-	84	C6H12	002415-72-7	56
3		1-Pentanol, 4-methyl-	102	C6H14O	000626-89-1	56
4		Cyclobutane, ethyl-	84	C6H12	004806-61-5	42
5		1-Hexene	84	C6H12	000592-41-6	40



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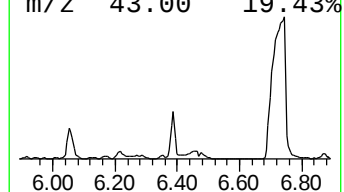
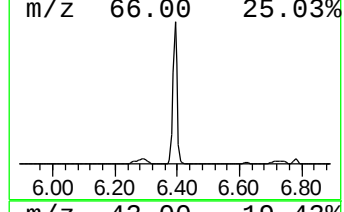
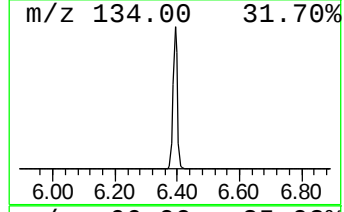
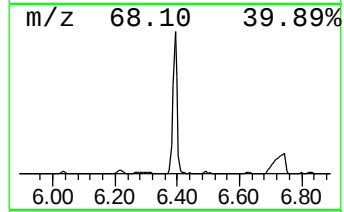
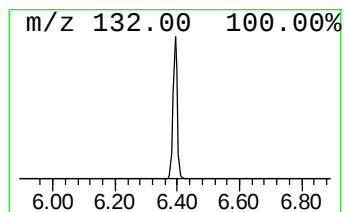
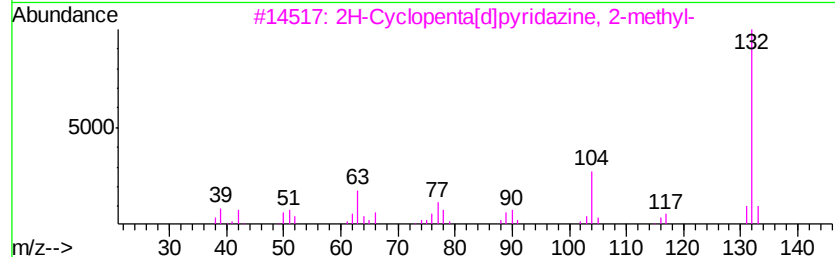
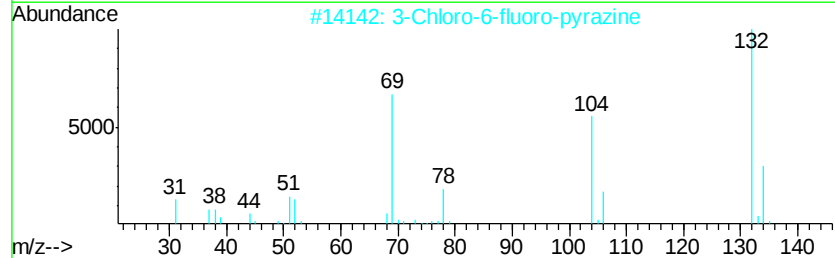
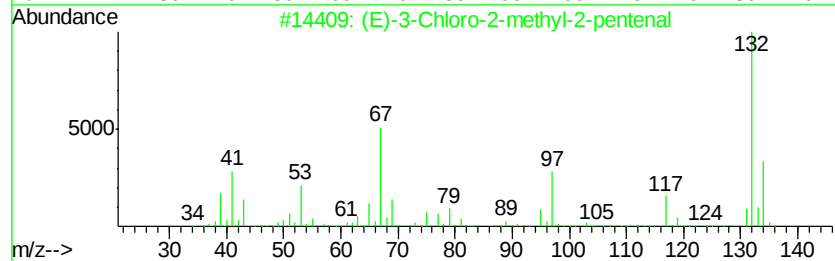
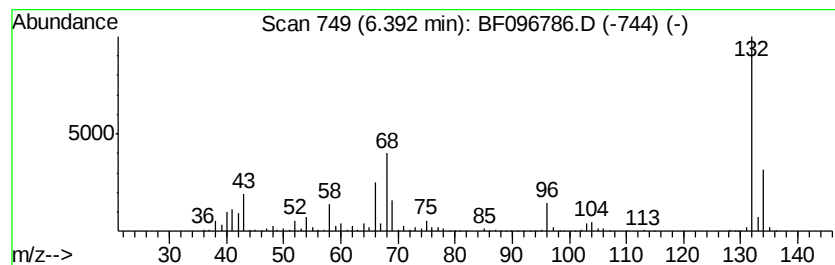
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.39 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.39	75.80 ng	2403650	1,4-Dichlorobenzene-d4	6.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
4		5-Aminoindole	132	C8H8N2	005192-03-0	9
5		Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9



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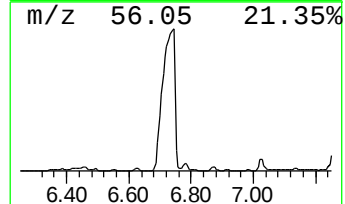
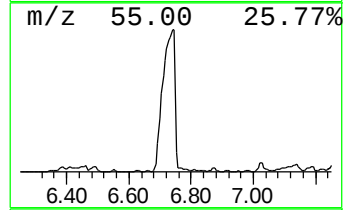
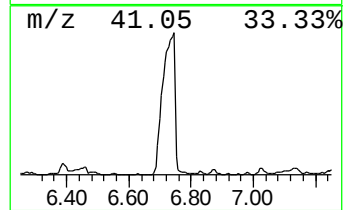
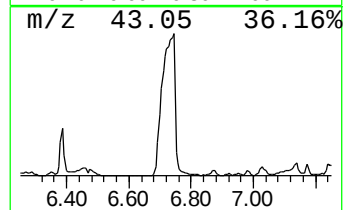
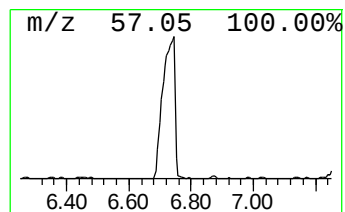
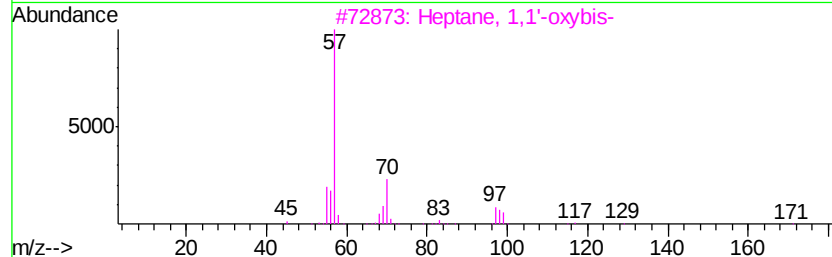
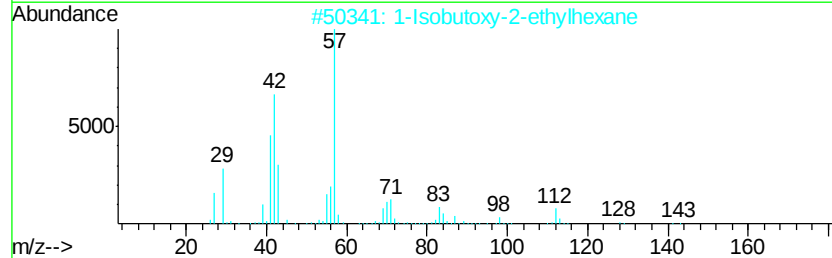
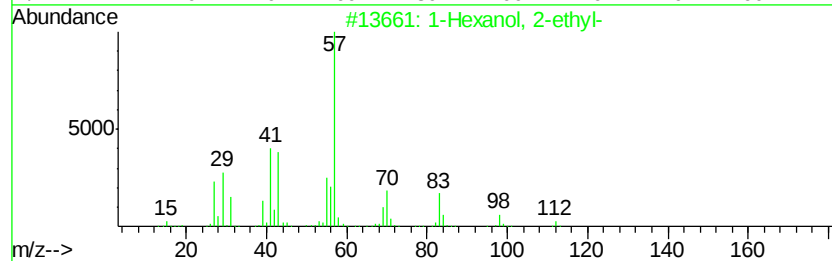
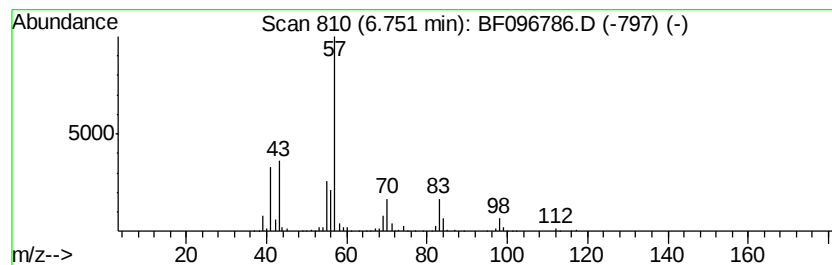
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TIC Integration Parameters: LSCINT.P

Peak Number 3 1-Hexanol, 2-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
6.75	542.23 ng	17193800	1,4-Dichlorobenzene-d4	6.62	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2	1-Isobutoxy-2-ethylhexane	186	C12H26O	1000139-90-3	56
3	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	50
4	Heptyl isobutyl carbonate	216	C12H24O3	959068-08-7	45
5	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	45



Data Path : Z:\HPCHEM1\BNA_F\Data\BF071417\
Data File : BF096786.D
Acq On : 14 Jul 2017 22:03
Operator : SJ/JU
Sample : I4141-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleID :
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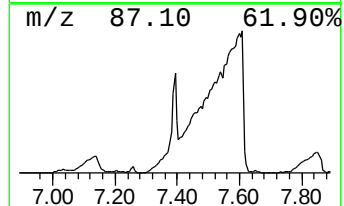
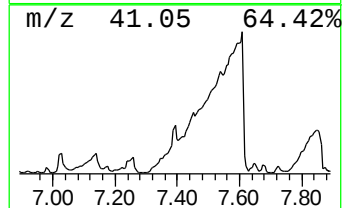
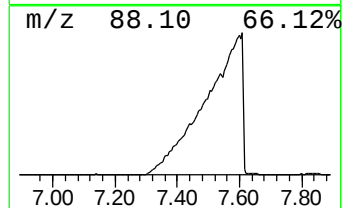
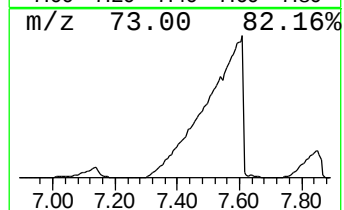
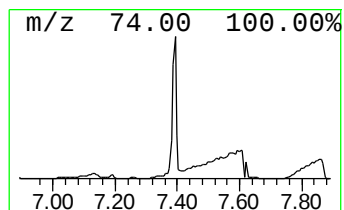
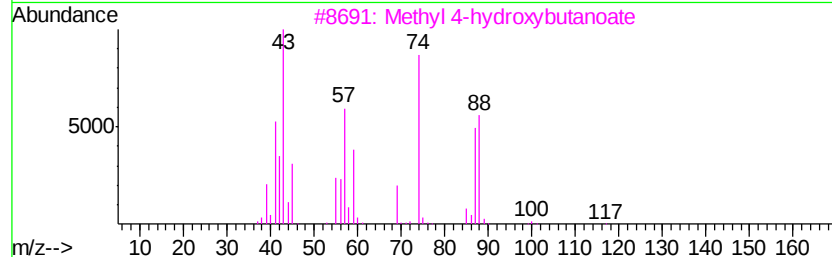
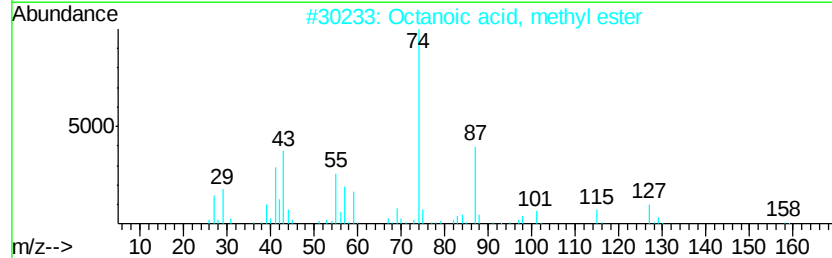
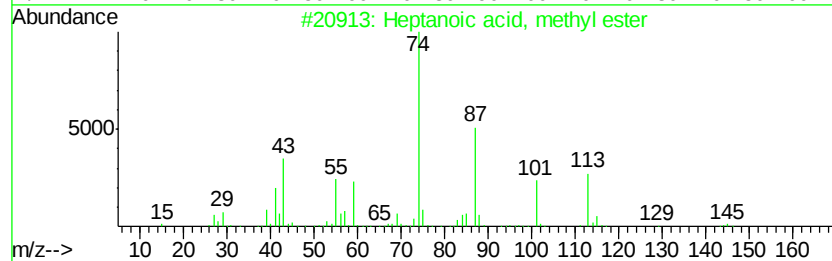
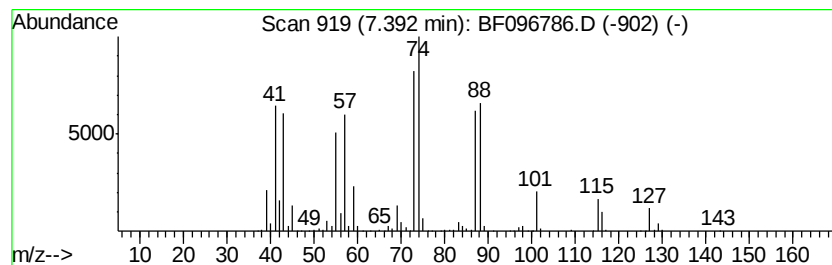
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown7.39 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.39	37.13 ng	2416510	Napthalene-d8	7.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptanoic acid, methyl ester	144	C8H16O2	000106-73-0	40
2		Octanoic acid, methyl ester	158	C9H18O2	000111-11-5	40
3		Methyl 4-hydroxybutanoate	118	C5H10O3	000925-57-5	37
4		Butanoic acid, 2-methyl-	102	C5H10O2	000116-53-0	35
5		Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	35



Data Path : Z:\HPCHEM1\BNA_F\Data\BF071417\
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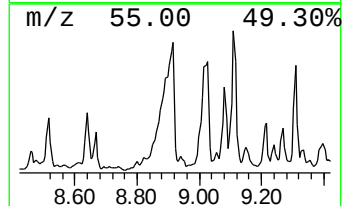
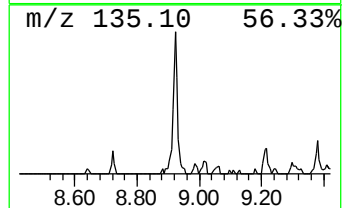
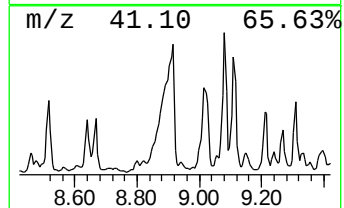
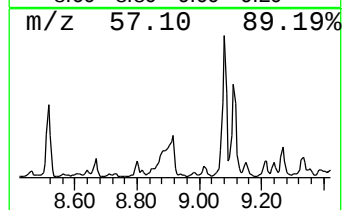
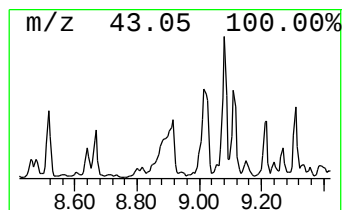
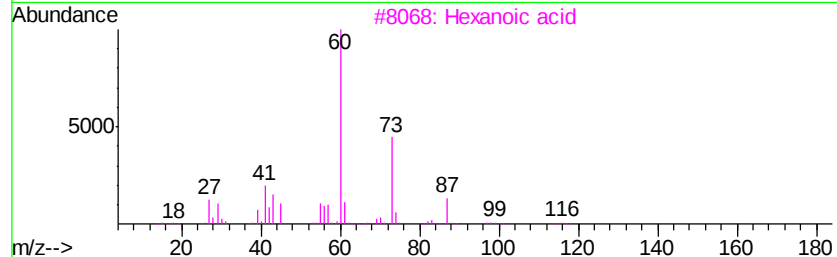
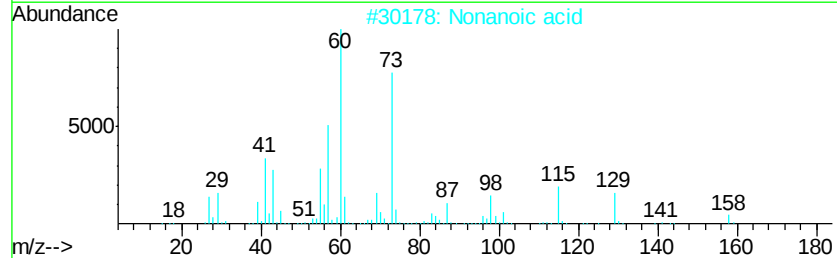
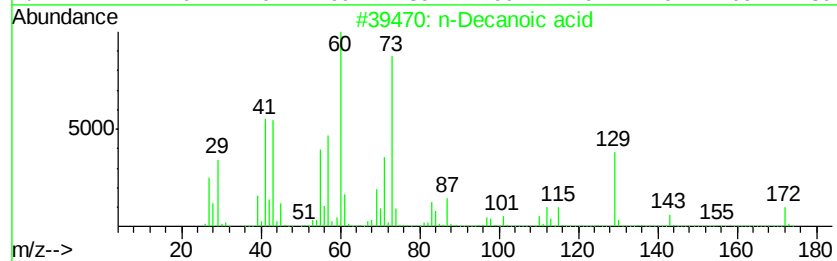
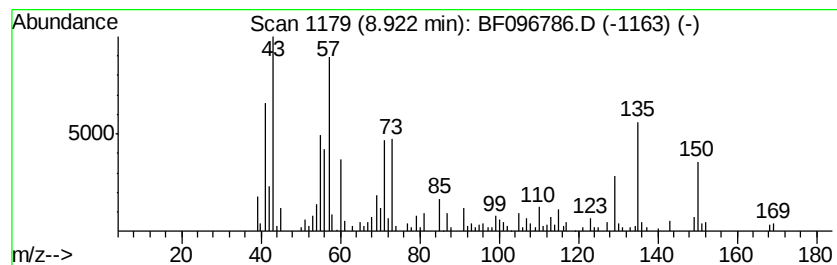
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 n-Decanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.		
8.92	84.98 ng	3477110	Acenaphthene-d10		9.66		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Decanoic acid	172	C10H20O2	000334-48-5	91
2			Nonanoic acid	158	C9H18O2	000112-05-0	53
3			Hexanoic acid	116	C6H12O2	000142-62-1	52
4			Octanoic acid, silver(1+) salt	250	C8H15AgO2	024927-67-1	50
5			Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	50



Data Path : Z:\HPCHEM1\BNA_F\Data\BF071417\
Data File : BF096786.D
Acq On : 14 Jul 2017 22:03
Operator : SJ/JU
Sample : I4141-02
Misc :
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Instrument :
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ClientSampleId :
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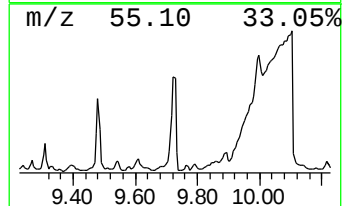
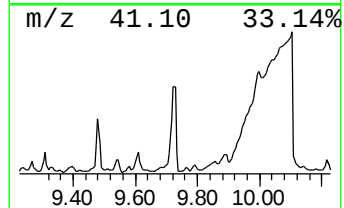
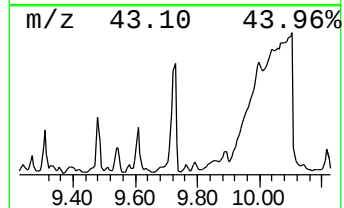
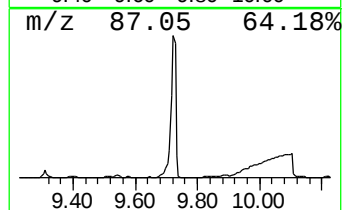
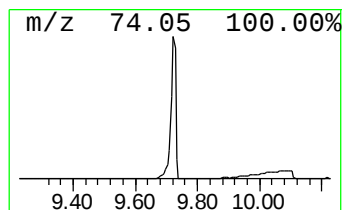
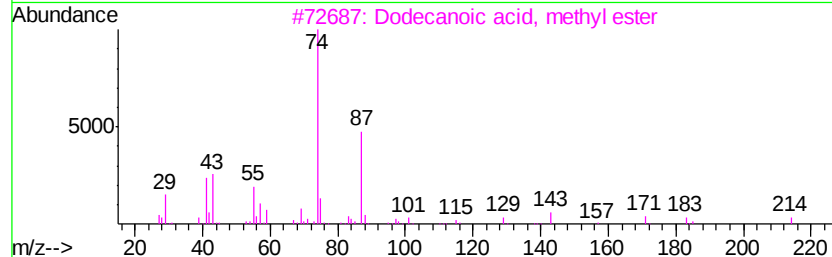
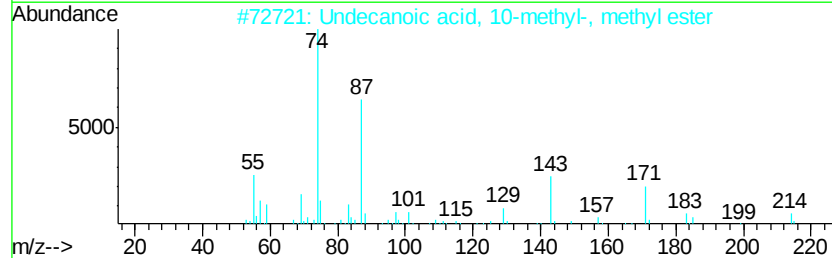
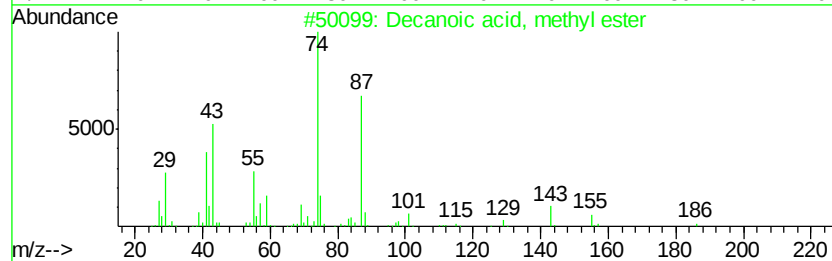
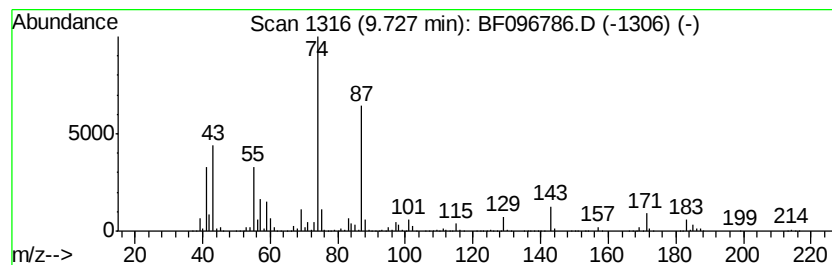
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Decanoic acid, methyl ester Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.73	120.01 ng	4910150	Acenaphthene-d10	9.66

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	94
2		Undecanoic acid, 10-methyl-, met...	214	C13H26O2	005129-56-6	92
3		Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	90
4		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	86
5		Methyl 8-methyl-nonanoate	186	C11H22O2	1000336-43-6	83



Data Path : Z:\HPCHEM1\BNA_F\Data\BF071417\
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Operator : SJ/JU
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Misc :
ALS Vial : 9 Sample Multiplier: 1

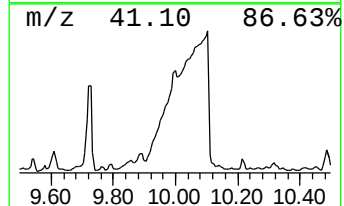
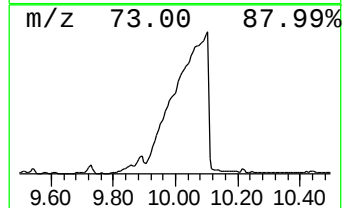
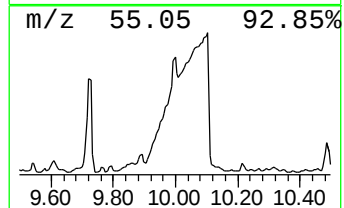
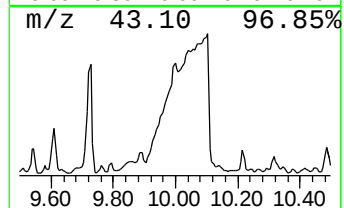
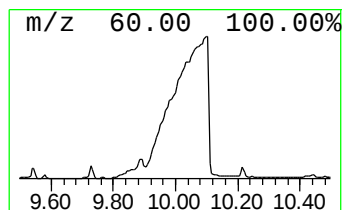
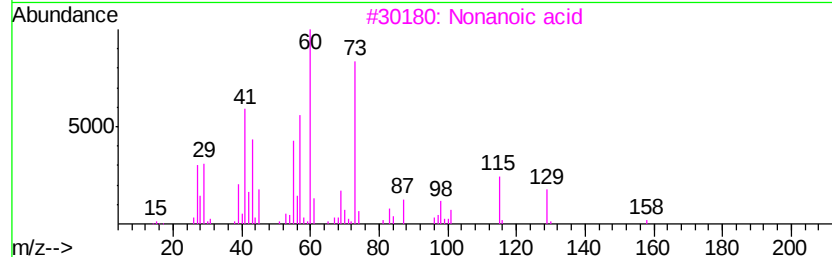
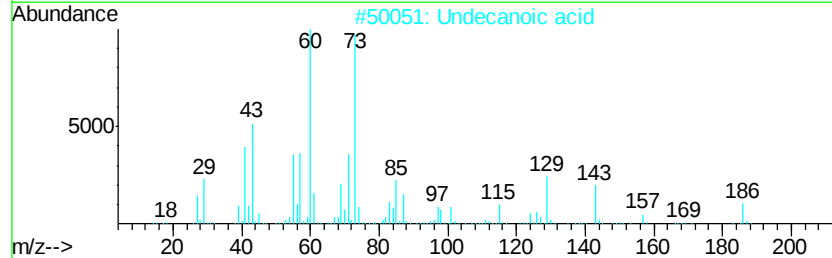
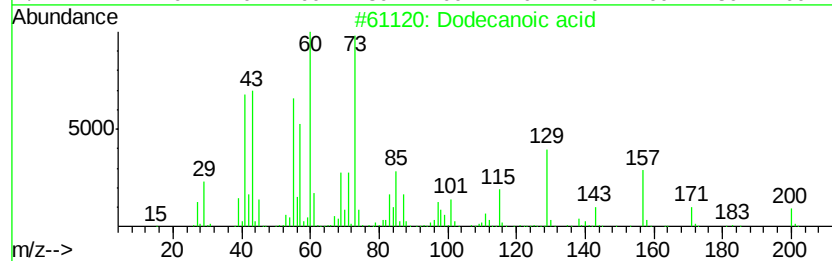
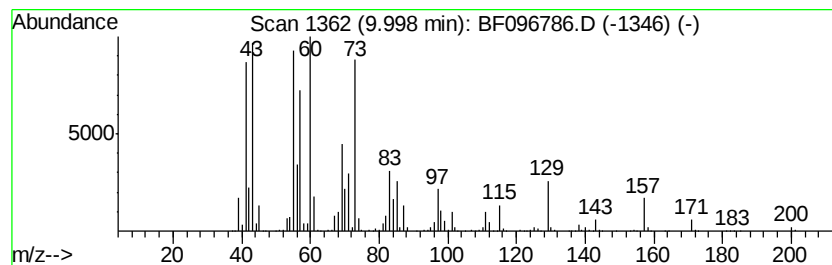
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Dodecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.00	310.71 ng	12712400	Acenaphthene-d10	9.66
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dodecanoic acid	200 C12H24O2	000143-07-7	96
2	Undecanoic acid	186 C11H22O2	000112-37-8	72
3	Nonanoic acid	158 C9H18O2	000112-05-0	58
4	Ethanone, 1-(4,5-dihydro-2-thiaz...	129 C5H7NOS	029926-41-8	46
5	Hexanoic acid	116 C6H12O2	000142-62-1	35



Data Path : Z:\HPCHEM1\BNA_F\Data\BF071417\
Data File : BF096786.D
Acq On : 14 Jul 2017 22:03
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Sample : I4141-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

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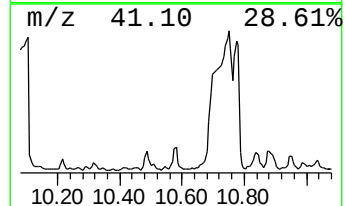
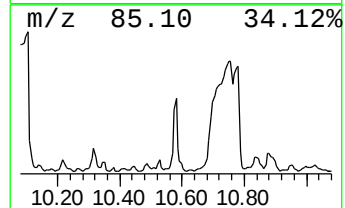
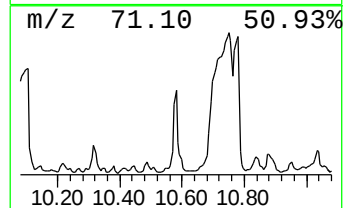
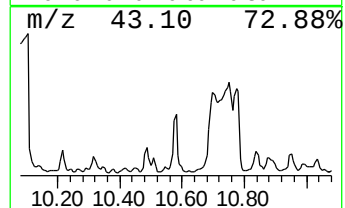
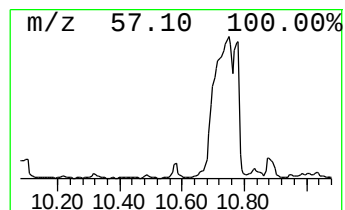
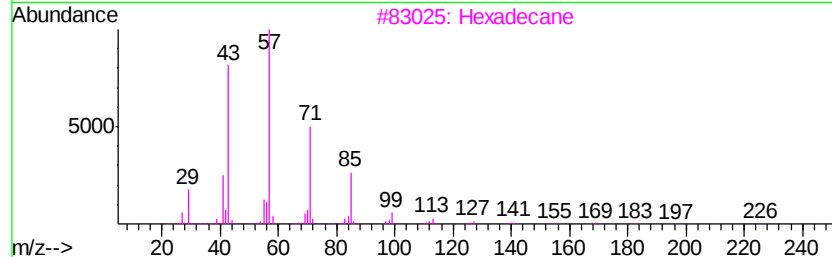
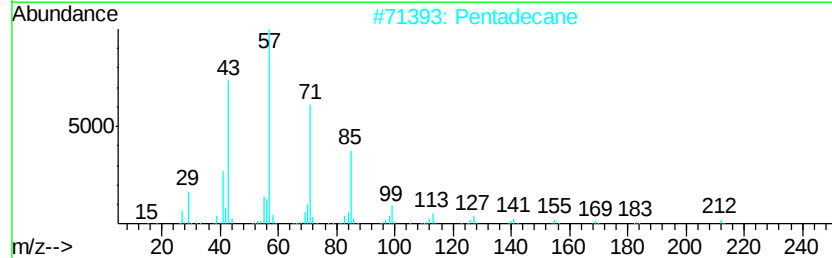
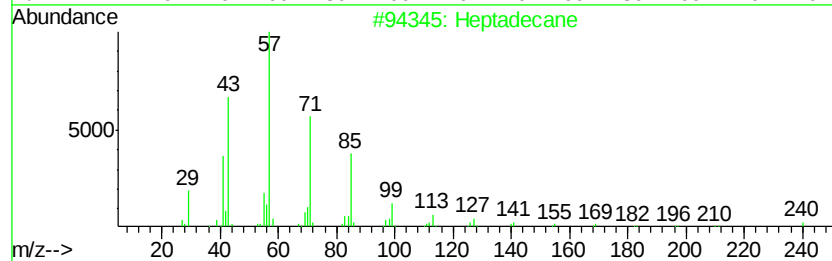
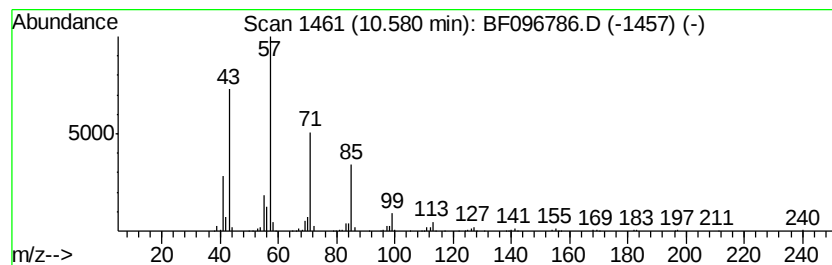
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heptadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.58	38.18 ng	1157800	Phenanthrene-d10	11.14

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	94
2	Pentadecane		212	C15H32	000629-62-9	90
3	Hexadecane		226	C16H34	000544-76-3	87
4	Tridecane, 1-iodo-		310	C13H27I	035599-77-0	86
5	Tetradecane		198	C14H30	000629-59-4	80



Data Path : Z:\HPCHEM1\BNA_F\Data\BF071417\
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Acq On : 14 Jul 2017 22:03
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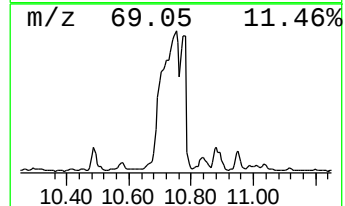
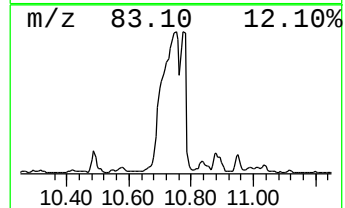
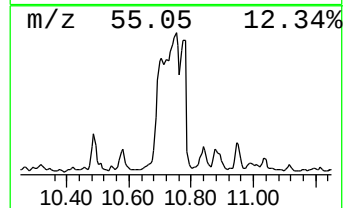
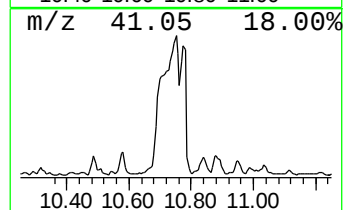
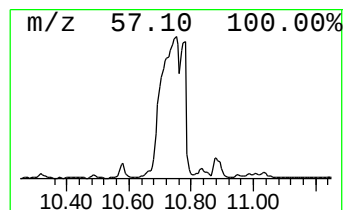
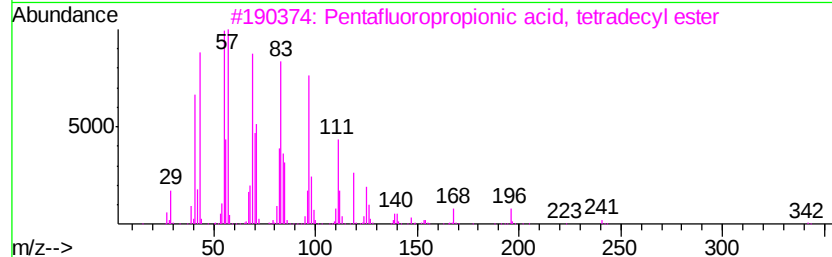
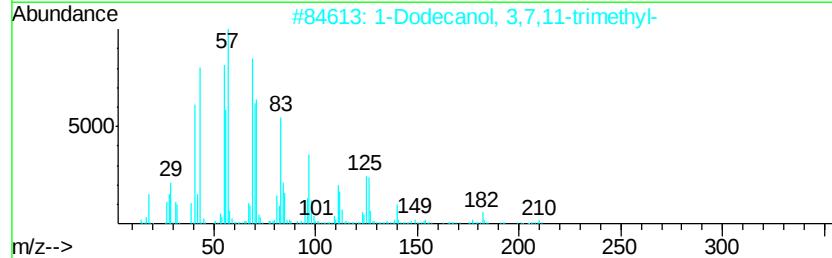
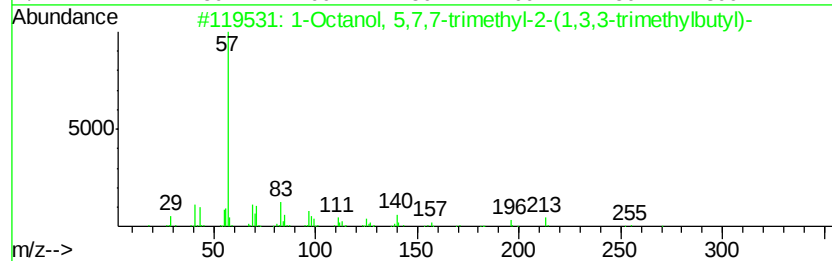
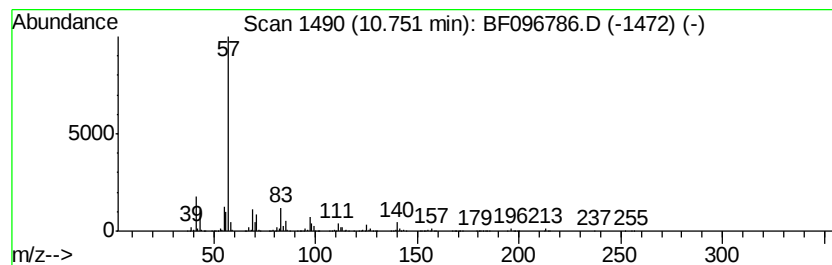
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1-Octanol, 5,7,7-trimethyl-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	941.31 ng	28542000	Phenanthrene-d10	11.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Octanol, 5,7,7-trimethyl-2-(1,...	270	C18H38O	036400-98-3	90
2		1-Dodecanol, 3,7,11-trimethyl-	228	C15H32O	006750-34-1	59
3		Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	59
4		Trichloroacetic acid, undecyl ester	316	C13H23Cl3O2	074339-49-4	53
5		9-Eicosene, (E)-	280	C20H40	074685-29-3	53



Data Path : Z:\HPCHEM1\BNA_F\Data\BF071417\
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Acq On : 14 Jul 2017 22:03
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ALS Vial : 9 Sample Multiplier: 1

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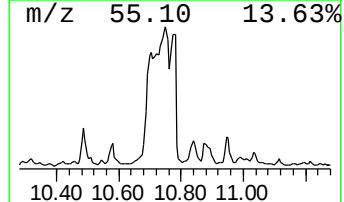
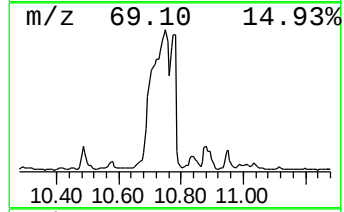
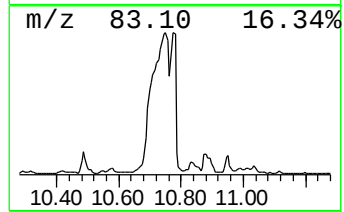
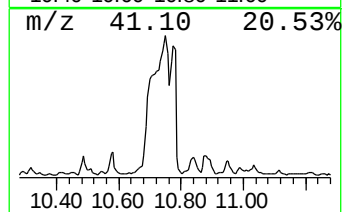
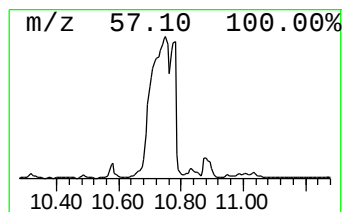
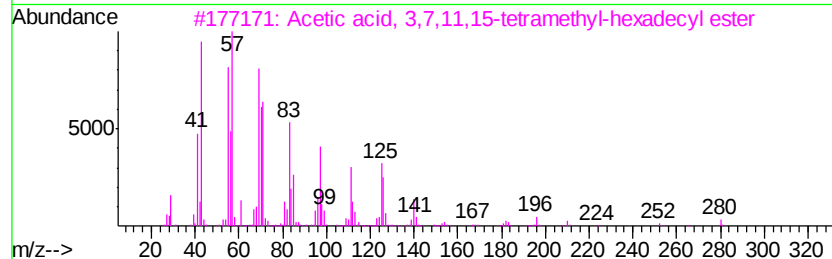
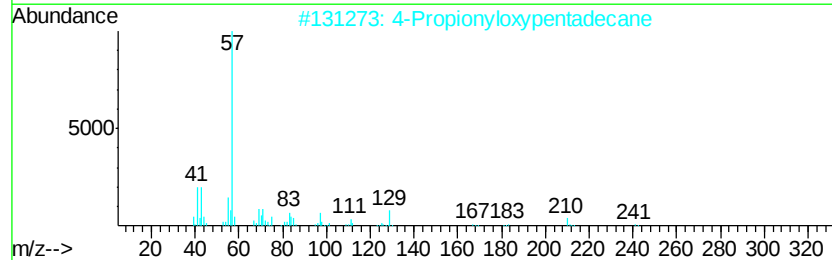
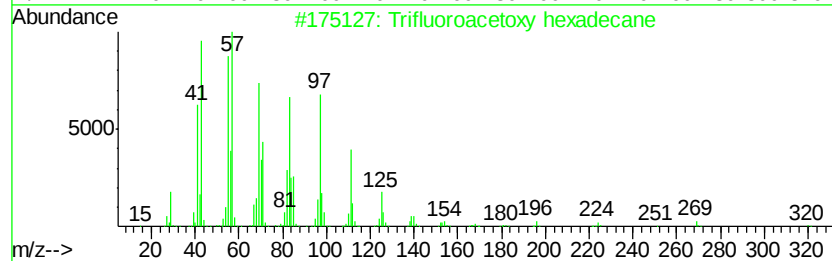
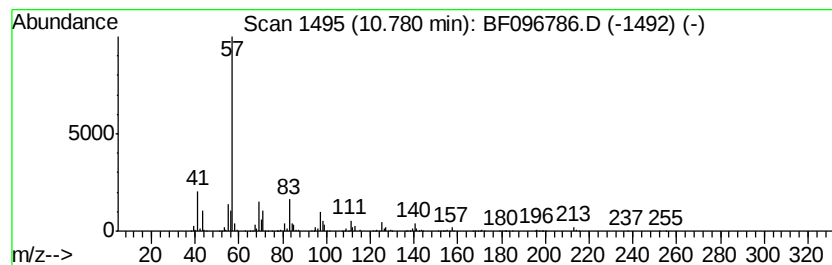
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Trifluoroacetoxy hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	247.86 ng	7515450	Phenanthrene-d10	11.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	72
2		4-Propionyloxypentadecane	284	C18H36O2	1000245-63-2	64
3		Acetic acid, 3,7,11,15-tetrameth...	340	C22H44O2	1000193-63-0	59
4		3-Eicosene, (E)-	280	C20H40	074685-33-9	59
5		Octacosanol	410	C28H58O	000557-61-9	59



Data Path : Z:\HPCHEM1\BNA_F\Data\BF071417\
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Acq On : 14 Jul 2017 22:03
Operator : SJ/JU
Sample : I4141-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

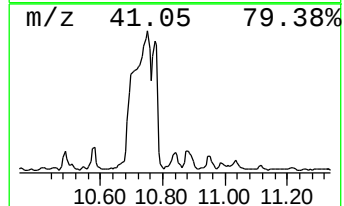
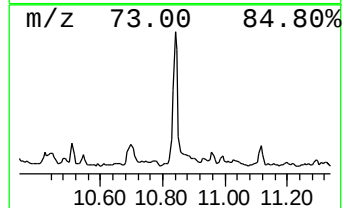
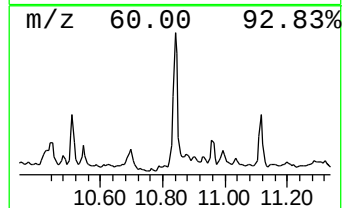
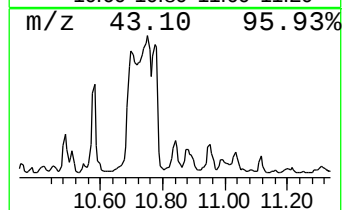
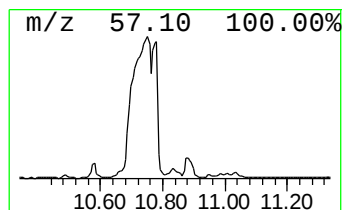
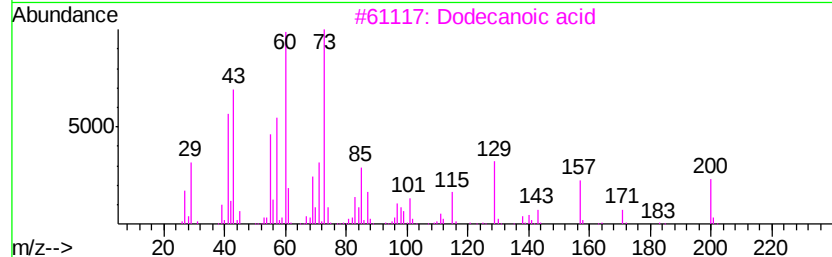
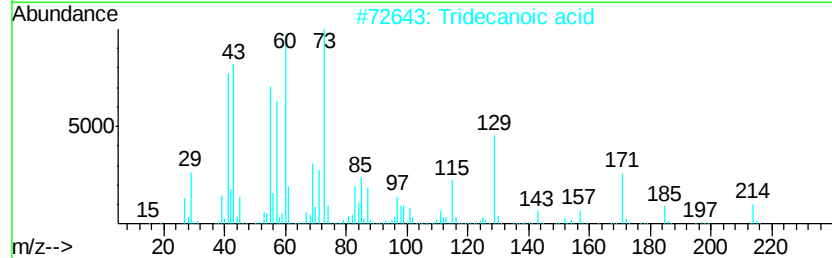
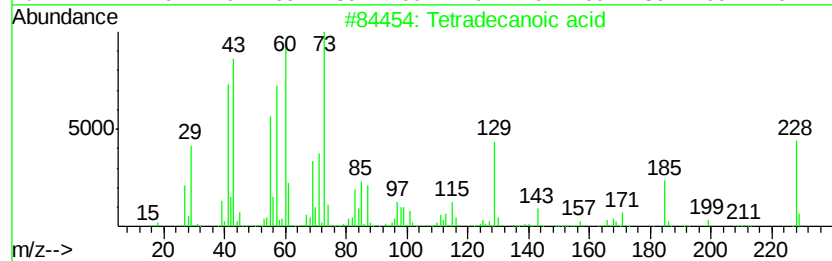
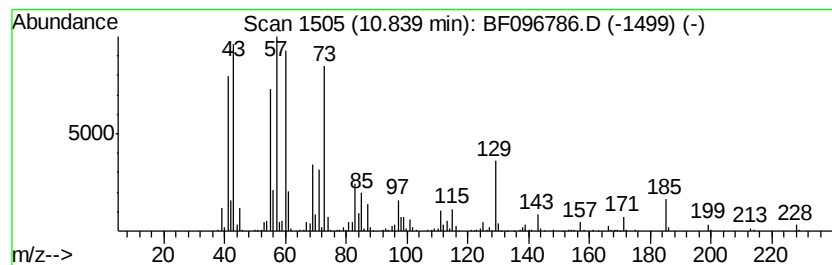
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Tetradecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.84	47.19 ng	1430750	Phenanthrene-d10	11.14	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
2	Tridecanoic acid	214	C13H26O2	000638-53-9	83
3	Dodecanoic acid	200	C12H24O2	000143-07-7	59
4	n-Decanoic acid	172	C10H20O2	000334-48-5	53
5	Octanoic acid, silver(1+) salt	250	C8H15AgO2	024927-67-1	43



Data Path : Z:\HPCHEM1\BNA_F\Data\BF071417\
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Instrument :
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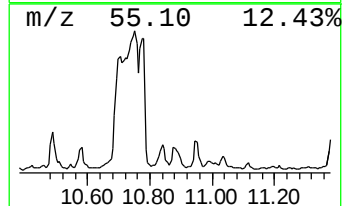
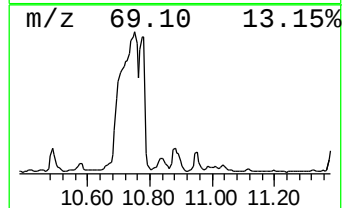
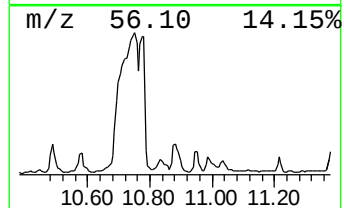
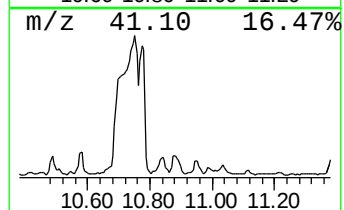
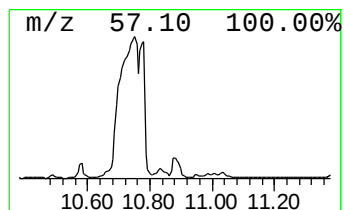
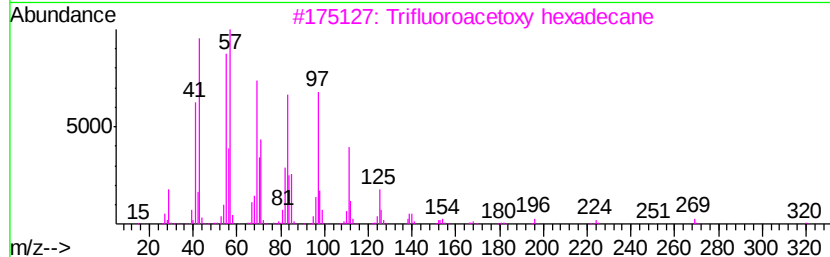
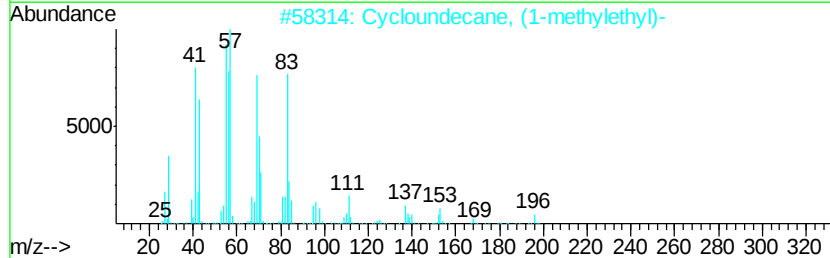
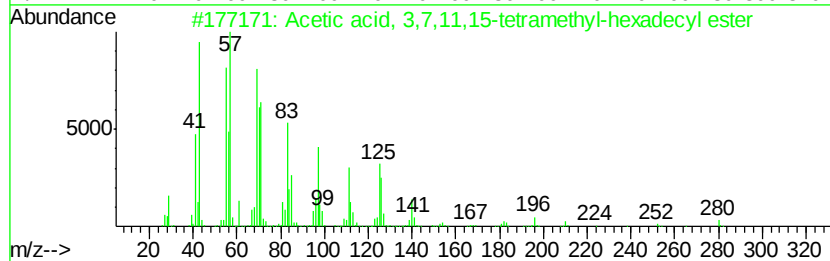
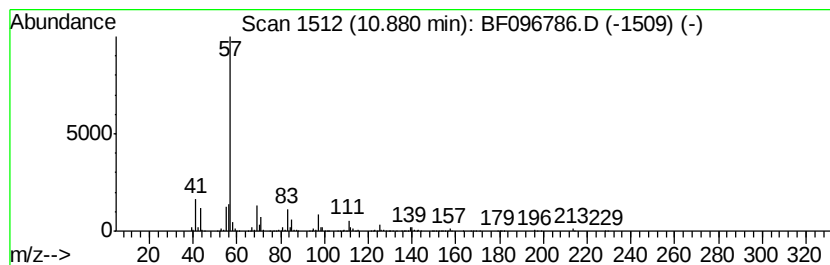
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Acetic acid, 3,7,11,15-tetr... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.88	54.59 ng	1655210	Phenanthrene-d10	11.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Acetic acid, 3,7,11,15-tetrameth...	340	C22H44O2	1000193-63-0	53
2		Cycloundecane, (1-methylethyl)-	196	C14H28	062338-56-1	50
3		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	50
4		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	50
5		Oxirane, [(dodecyloxy)methyl]-	242	C15H30O2	002461-18-9	50



Data Path : Z:\HPCHEM1\BNA_F\Data\BF071417\
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Acq On : 14 Jul 2017 22:03
Operator : SJ/JU
Sample : I4141-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

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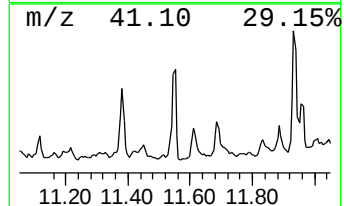
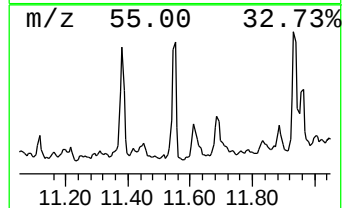
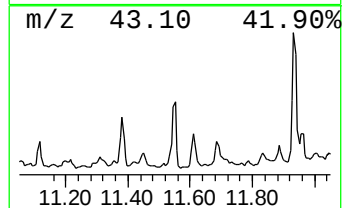
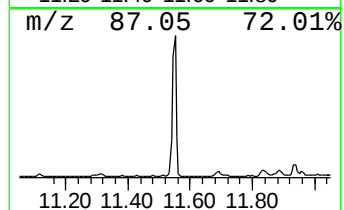
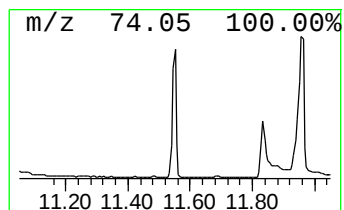
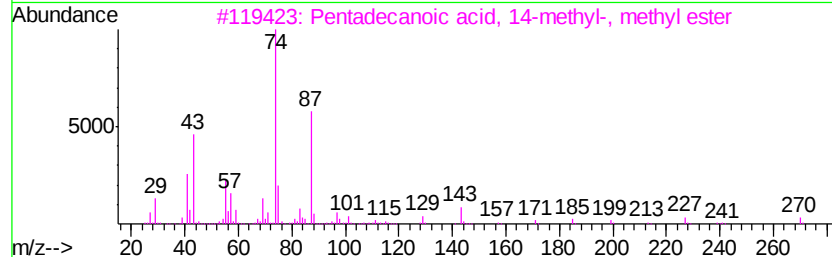
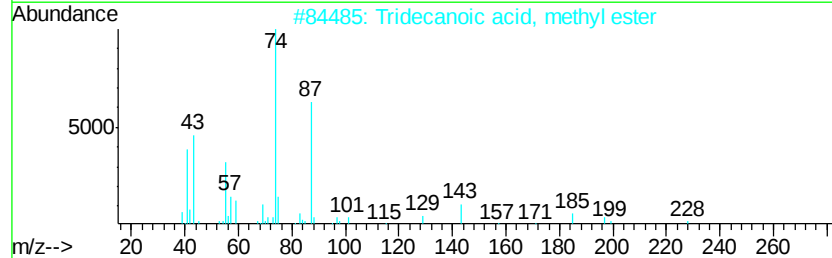
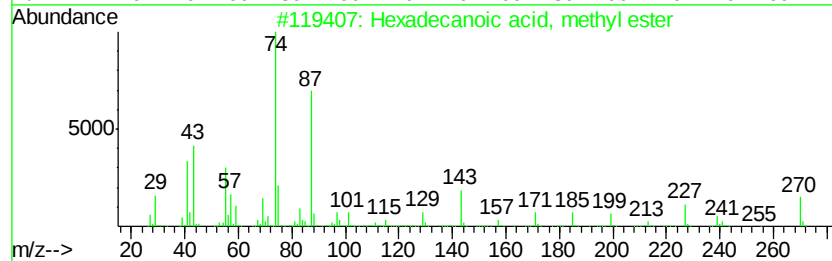
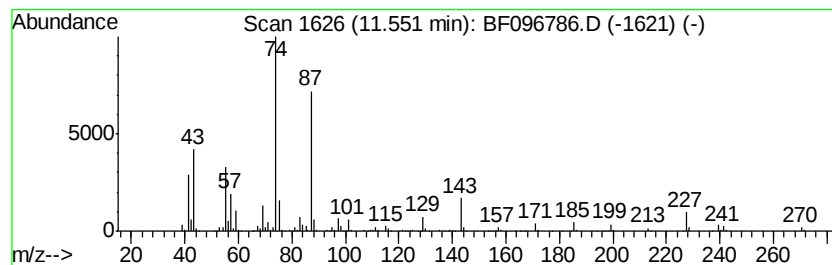
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Hexadecanoic acid, methyl e... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	35.52 ng	1077020	Phenanthrene-d10	11.14

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	93
2			Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	91
3			Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	91
4			Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
5			Methyl tetradecanoate	242	C15H30O2	000124-10-7	87



Data Path : Z:\HPCHEM1\BNA_F\Data\BF071417\
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Acq On : 14 Jul 2017 22:03
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Misc :
ALS Vial : 9 Sample Multiplier: 1

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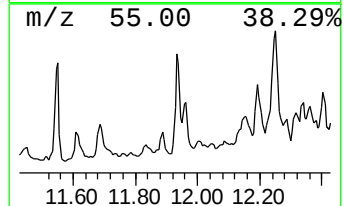
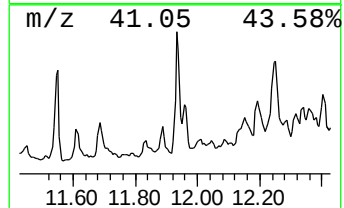
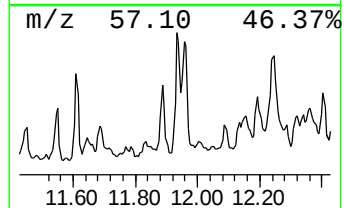
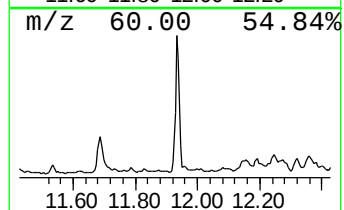
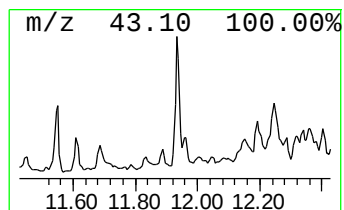
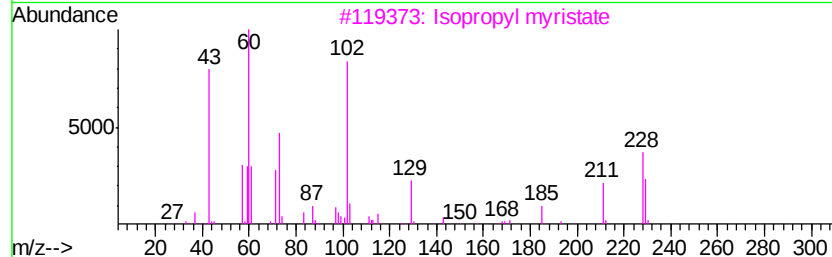
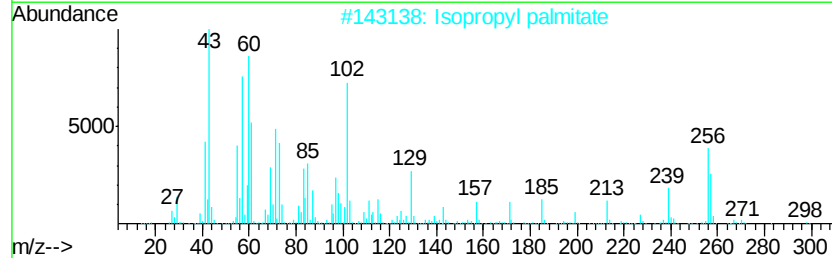
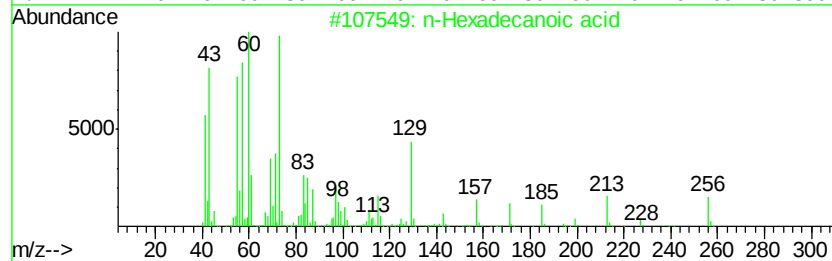
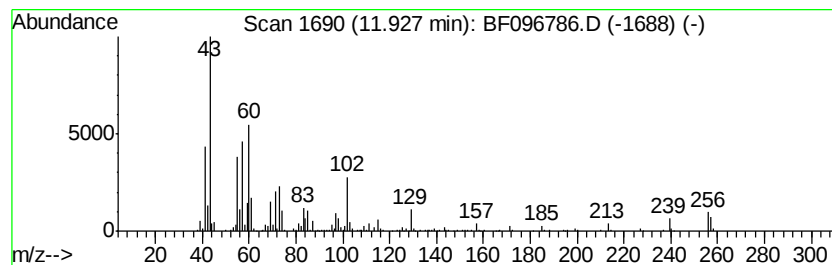
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 n-Hexadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	50.97 ng	1545400	Phenanthrene-d10	11.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
2		Isopropyl palmitate	298	C19H38O2	000142-91-6	76
3		Isopropyl myristate	270	C17H34O2	000110-27-0	53
4		Heptanoic acid, 2,2-dimethyl-6-o...	186	C10H18O2	000926-27-2	41
5		Undecanoic acid	186	C11H22O2	000112-37-8	38



Data Path : Z:\HPCHEM1\BNA_F\Data\BF071417\
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Acq On : 14 Jul 2017 22:03
Operator : SJ/JU
Sample : I4141-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

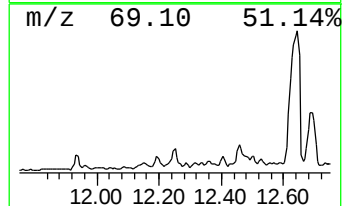
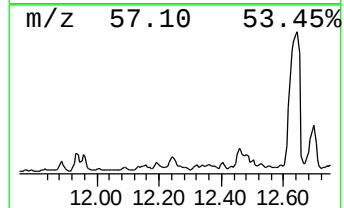
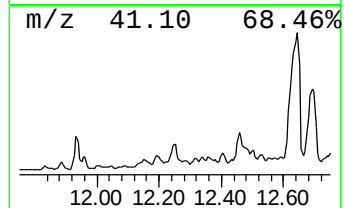
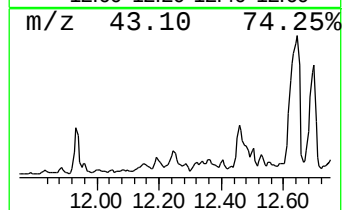
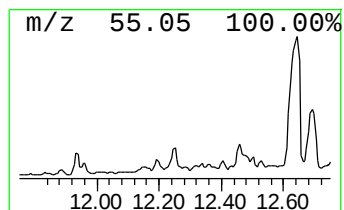
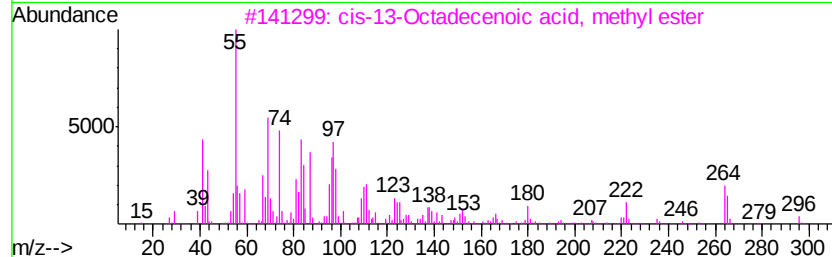
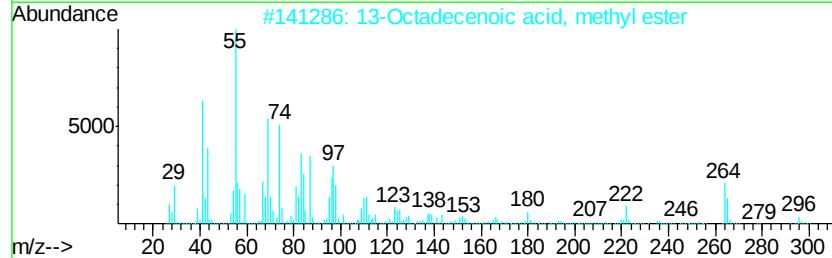
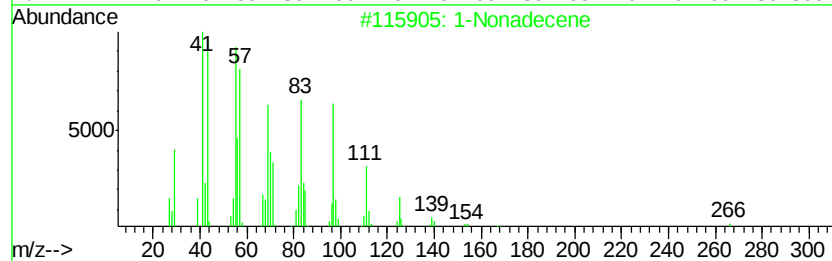
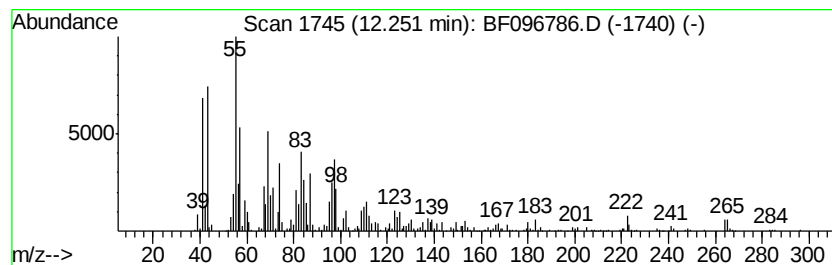
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 1-Nonadecene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	46.41 ng	1407170	Phenanthrene-d10	11.14
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Nonadecene	266 C19H38	018435-45-5	95
2	13-Octadecenoic acid, methyl ester	296 C19H36O2	056554-47-3	93
3	cis-13-Octadecenoic acid, methyl...	296 C19H36O2	1000333-58-3	91
4	trans-13-Octadecenoic acid, meth...	296 C19H36O2	1000333-61-3	91
5	11-Octadecenoic acid, methyl ester	296 C19H36O2	052380-33-3	91



Data Path : Z:\HPCHEM1\BNA_F\Data\BF071417\
Data File : BF096786.D
Acq On : 14 Jul 2017 22:03
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Instrument :
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ClientSampleId :
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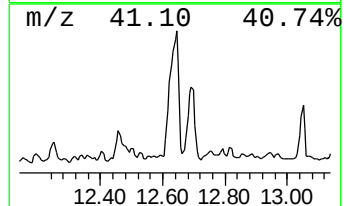
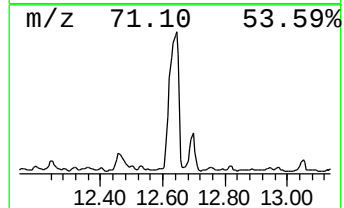
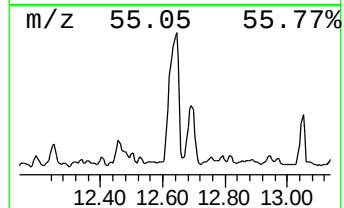
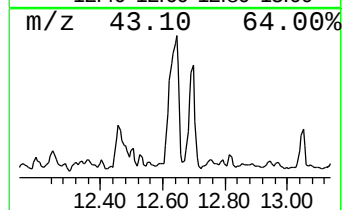
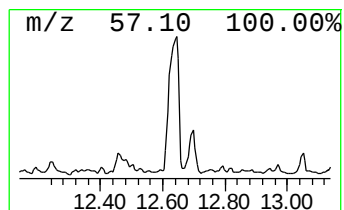
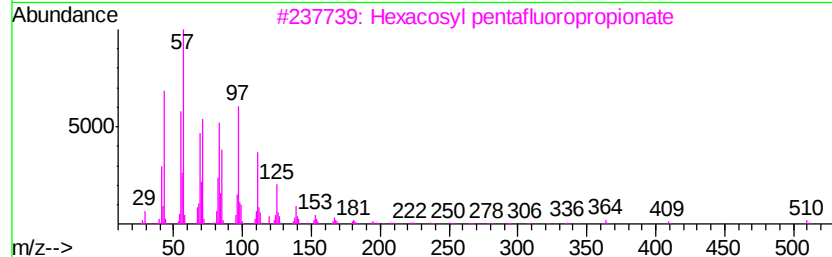
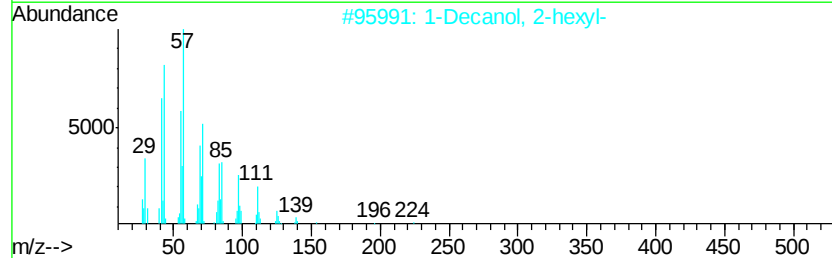
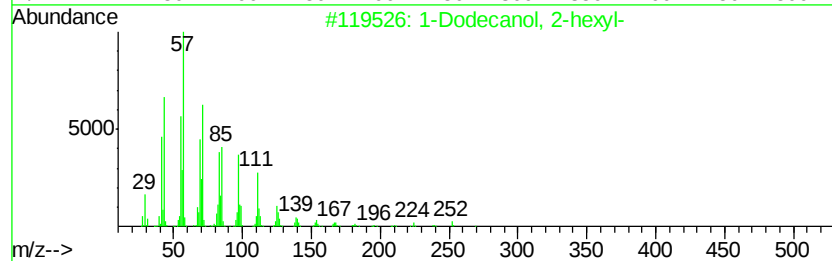
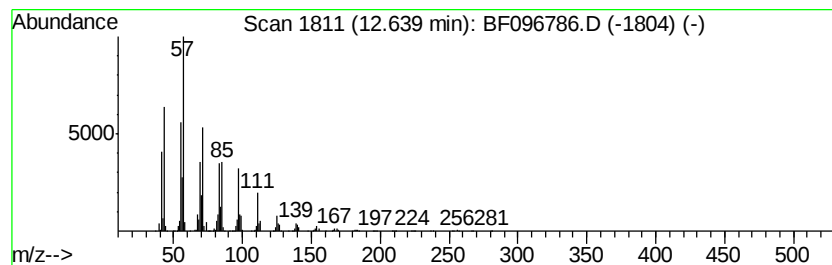
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 1-Dodecanol, 2-hexyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	73.38 ng	11047300	Chrysene-d12	13.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	91
2		1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	91
3		Hexacosyl pentafluoropropionate	528	C29H53F5O2	1000351-81-2	90
4		Triaccontyl heptafluorobutyrate	634	C34H61F7O2	1000351-83-2	90
5		Hexacosyl heptafluorobutyrate	578	C30H53F7O2	1000351-83-3	90



Data Path : Z:\HPCHEM1\BNA_F\Data\BF071417\
Data File : BF096786.D
Acq On : 14 Jul 2017 22:03
Operator : SJ/JU
Sample : I4141-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

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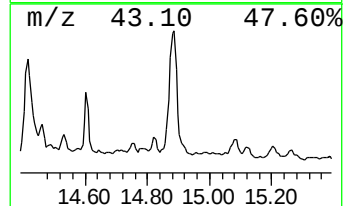
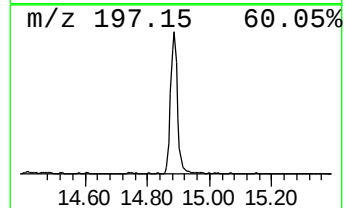
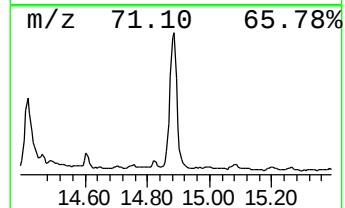
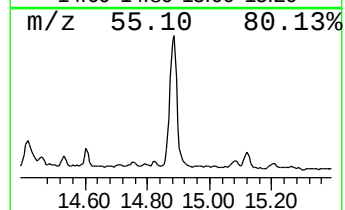
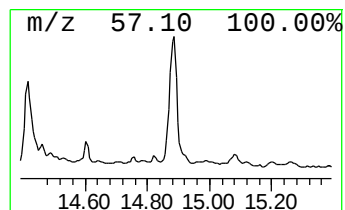
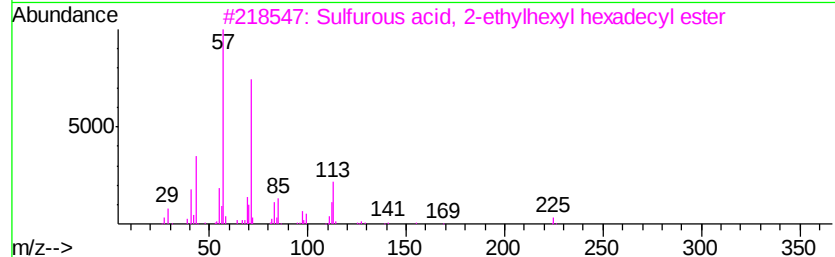
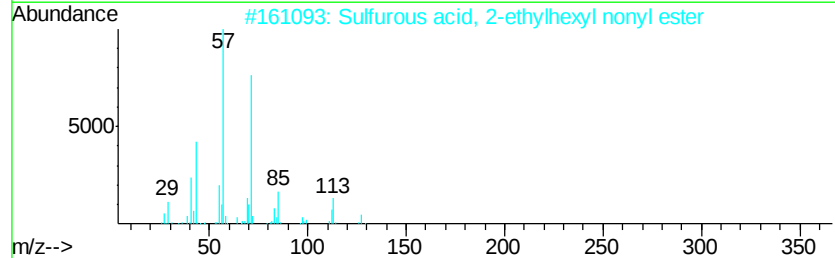
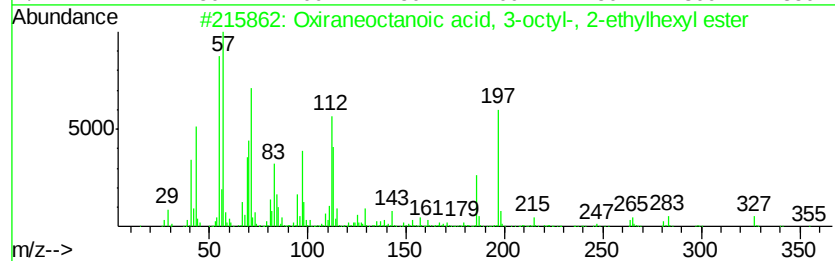
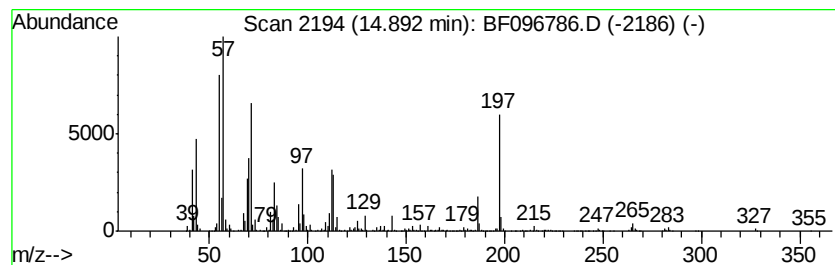
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Oxiraneoctanoic acid, 3-oct... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	189.84 ng	4969300	Perylene-d12	15.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxiraneoctanoic acid, 3-octyl-, ...	410	C26H50O3	000141-38-8	58
2		Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	27
3		Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	27
4		Decane, 5,6-dipropyl-	226	C16H34	119209-20-0	22
5		Methoxyacetic acid, 2-ethylhexyl...	202	C11H22O3	1000282-41-4	22



Data Path : Z:\HPCHEM1\BNA_F\Data\BF071417\
Data File : BF096786.D
Acq On : 14 Jul 2017 22:03
Operator : SJ/JU
Sample : I4141-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WW

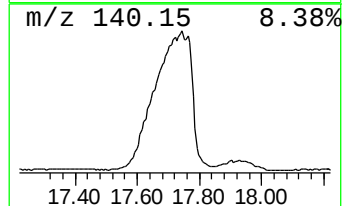
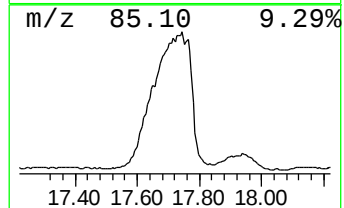
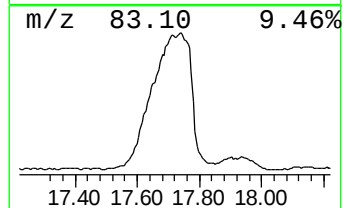
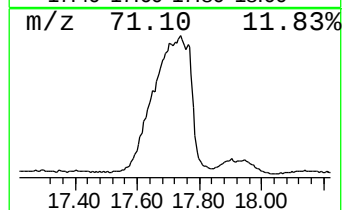
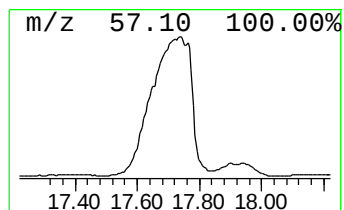
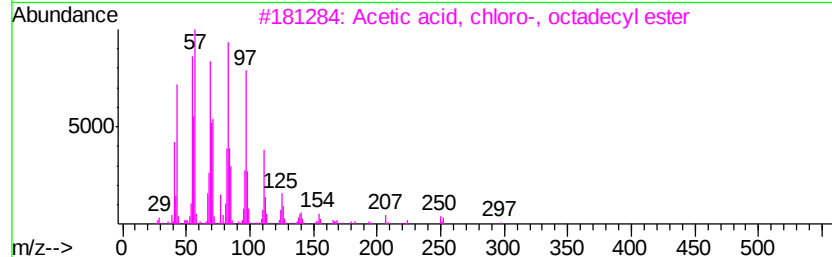
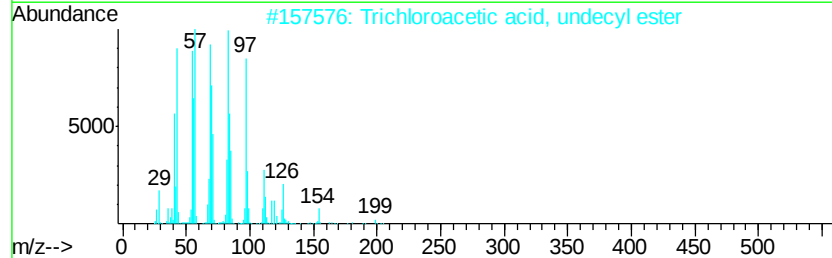
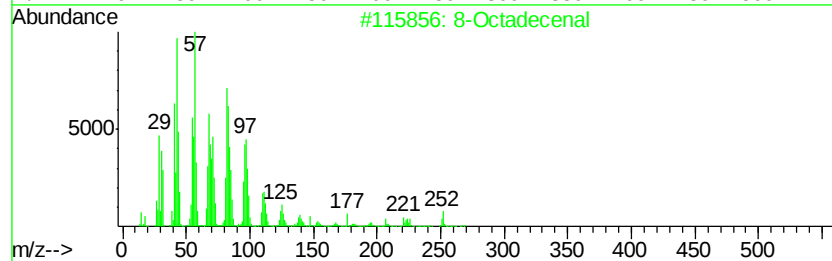
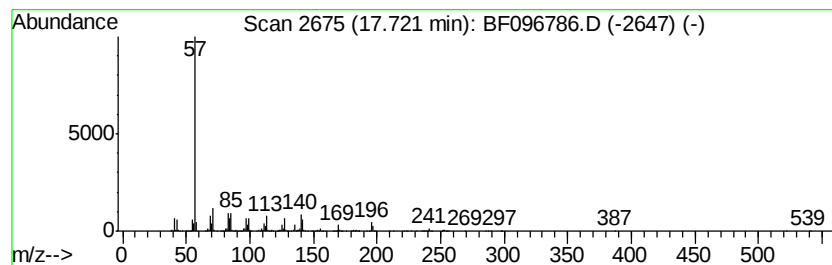
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 8-Octadecenal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.72	998.45 ng	26135500	Perylene-d12	15.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	8-Octadecenal	266	C18H34O	056554-94-0	53
2		Trichloroacetic acid, undecyl ester	316	C13H23Cl3O2	074339-49-4	50
3		Acetic acid, chloro-, octadecyl ...	346	C20H39ClO2	005348-82-3	46
4		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	45
5		Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	45



Data Path : Z:\HPCHEM1\BNA_F\Data\BF071417\
Data File : BF096786.D
Acq On : 14 Jul 2017 22:03
Operator : SJ/JU
Sample : I4141-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WW

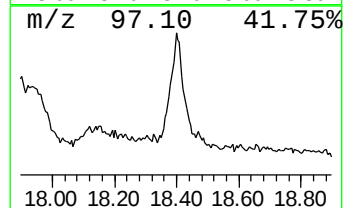
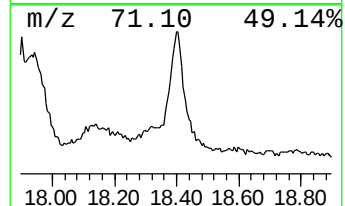
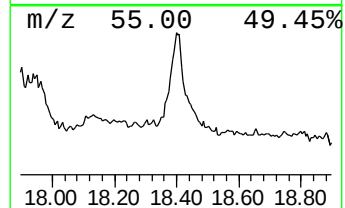
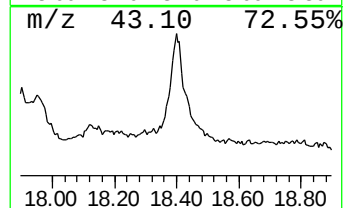
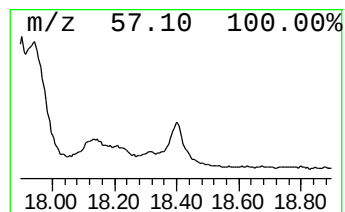
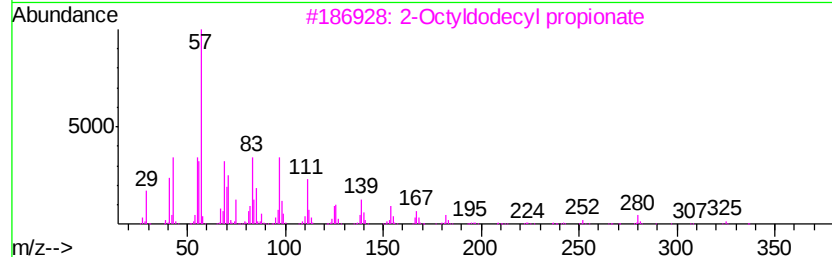
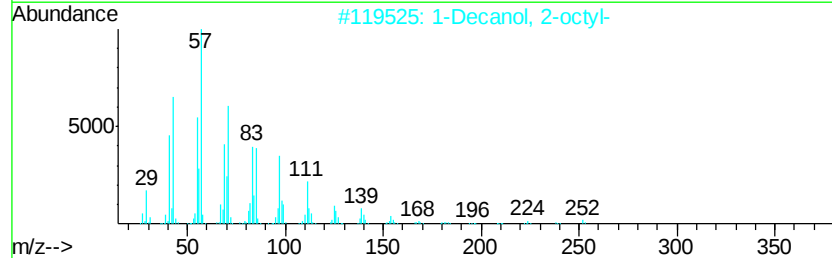
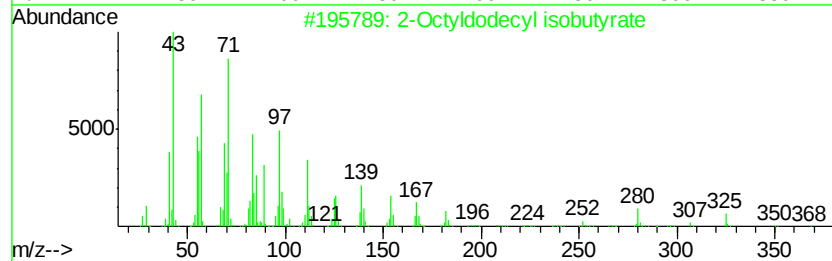
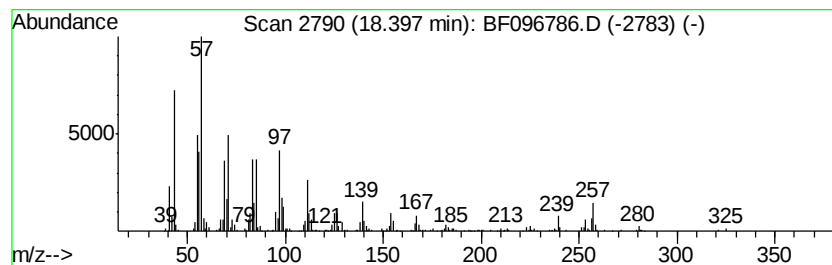
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 2-Octyldodecyl isobutyrate Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.40	63.14 ng	1652710	Perylene-d12	15.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Octyldodecyl isobutyrate	368	C24H48O2	1000368-55-5	74
2		1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	74
3		2-Octyldodecyl propionate	354	C23H46O2	1000368-55-1	72
4		13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	64
5		Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	64



Data Path : Z:\HPCHEM1\BNA_F\Data\BF071417\
 Data File : BF096786.D
 Acq On : 14 Jul 2017 22:03
 Operator : SJ/JU
 Sample : I4141-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.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	5.17	35.5	ng	1125330	1	6.62	634185	20.0
unknown6.39	6.39	75.8	ng	2403650	1	6.62	634185	20.0
1-Hexanol, 2-ethyl-	6.75	542.2	ng	17193800	1	6.62	634185	20.0
unknown7.39	7.39	37.1	ng	2416510	2	7.90	1301680	20.0
n-Decanoic acid	8.92	85.0	ng	3477110	3	9.66	818291	20.0
Decanoic acid, me...	9.73	120.0	ng	4910150	3	9.66	818291	20.0
Dodecanoic acid	10.00	310.7	ng	12712400	3	9.66	818291	20.0
Heptadecane	10.58	38.2	ng	1157800	4	11.14	606432	20.0
1-Octanol, 5,7,7-...	10.75	941.3	ng	28542000	4	11.14	606432	20.0
Trifluoroacetoxy ...	10.78	247.9	ng	7515450	4	11.14	606432	20.0
Tetradecanoic acid	10.84	47.2	ng	1430750	4	11.14	606432	20.0
Acetic acid, 3,7,...	10.88	54.6	ng	1655210	4	11.14	606432	20.0
Hexadecanoic acid...	11.55	35.5	ng	1077020	4	11.14	606432	20.0
n-Hexadecanoic acid	11.93	51.0	ng	1545400	4	11.14	606432	20.0
1-Nonadecene	12.25	46.4	ng	1407170	4	11.14	606432	20.0
1-Dodecanol, 2-he...	12.64	73.4	ng	11047300	5	13.76	3011120	20.0
Oxiraneoctanoic a...	14.89	189.8	ng	4969300	6	15.14	523521	20.0
8-Octadecenal	17.72	998.5	ng	26135500	6	15.14	523521	20.0
2-Octyldodecyl is...	18.40	63.1	ng	1652710	6	15.14	523521	20.0