

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\
 Data File : BF097285.D
 Acq On : 2 Aug 2017 20:43
 Operator : SJ/JU
 Sample : I4543-07 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-073117-C

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-BF072517.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	5.334	582	586	591	rBV	228853	235865	2.33%	0.371%
2	5.692	642	647	653	rVB2	154855	246179	2.43%	0.387%
3	5.892	673	681	686	rBV3	110664	197036	1.94%	0.310%
4	5.963	690	693	696	rVV3	252726	379373	3.74%	0.597%
5	5.992	696	698	704	rVB2	227433	278761	2.75%	0.439%
6	6.051	704	708	712	rBV	306976	303312	2.99%	0.477%
7	6.128	717	721	728	rVB3	157847	231015	2.28%	0.364%
8	6.192	728	732	736	rBV2	119942	200691	1.98%	0.316%
9	6.228	736	738	743	rVV2	147222	170781	1.68%	0.269%
10	6.275	743	746	748	rVV	381801	331169	3.27%	0.521%
11	6.304	748	751	755	rVB	1374053	1163089	11.47%	1.831%
12	6.410	763	769	771	rBV5	101087	151611	1.50%	0.239%
13	6.451	771	776	779	rVV2	868959	860115	8.48%	1.354%
14	6.486	779	782	784	rVV2	355913	316080	3.12%	0.497%
15	6.510	784	786	788	rVV	199536	181122	1.79%	0.285%
16	6.604	797	802	811	rVB5	343384	746527	7.36%	1.175%
17	6.710	816	820	823	rBV5	132212	196236	1.94%	0.309%
18	6.751	823	827	830	rVV2	330375	412848	4.07%	0.650%
19	6.781	830	832	835	rVV	562064	447359	4.41%	0.704%
20	6.816	835	838	841	rVV	405117	359905	3.55%	0.566%
21	6.863	841	846	851	rVB3	465433	660938	6.52%	1.040%
22	6.998	865	869	871	rVV3	298599	330745	3.26%	0.521%
23	7.022	871	873	875	rVV	193483	157589	1.55%	0.248%
24	7.075	879	882	886	rVV	2148422	2036702	20.09%	3.206%
25	7.116	886	889	892	rVB2	263153	273957	2.70%	0.431%
26	7.181	898	900	904	rVV2	207953	224335	2.21%	0.353%
27	7.233	904	909	911	rVB3	171730	173979	1.72%	0.274%
28	7.263	911	914	919	rVB2	515185	501607	4.95%	0.790%
29	7.316	919	923	926	rVB3	111087	149633	1.48%	0.236%
30	7.375	926	933	936	rBV4	351658	599578	5.91%	0.944%
31	7.410	936	939	942	rVV3	171473	200969	1.98%	0.316%
32	7.445	942	945	948	rVV2	263223	304266	3.00%	0.479%
33	7.481	948	951	953	rVV3	492662	510533	5.04%	0.804%
34	7.510	953	956	961	rVB3	650274	742153	7.32%	1.168%

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35	7.557	961	964	966	rBV2	548983	569870	5.62%	0.897%
36	7.575	966	967	970	rVB2	400943	244722	2.41%	0.385%
37	7.639	976	978	983	rVB2	138586	140608	1.39%	0.221%
38	7.704	984	989	991	rBV4	206049	320492	3.16%	0.504%
39	7.745	991	996	999	rVV2	1948997	2609033	25.74%	4.106%
40	7.786	999	1003	1007	rVV6	156163	314655	3.10%	0.495%
41	7.822	1007	1009	1012	rVV	553347	488725	4.82%	0.769%
42	7.933	1021	1028	1030	rBV5	222835	372332	3.67%	0.586%
43	8.039	1042	1046	1048	rVV4	266367	274554	2.71%	0.432%
44	8.075	1048	1052	1054	rVB2	211856	301722	2.98%	0.475%
45	8.104	1054	1057	1059	rBV2	400682	309633	3.05%	0.487%
46	8.139	1059	1063	1067	rVB5	389841	394569	3.89%	0.621%
47	8.180	1067	1070	1074	rBV2	660829	612721	6.04%	0.964%
48	8.239	1077	1080	1084	rVB2	300280	243383	2.40%	0.383%
49	8.351	1095	1099	1103	rVV	1736598	1547637	15.27%	2.436%
50	8.398	1103	1107	1110	rVV2	241949	325292	3.21%	0.512%
51	8.445	1111	1115	1118	rVB4	263863	364843	3.60%	0.574%
52	8.563	1129	1135	1137	rBV2	289681	342636	3.38%	0.539%
53	8.633	1142	1147	1148	rVV2	260393	342238	3.38%	0.539%
54	8.651	1148	1150	1153	rVV2	314077	321887	3.18%	0.507%
55	8.680	1153	1155	1157	rVV2	263101	244220	2.41%	0.384%
56	8.710	1158	1160	1164	rVB	284088	289953	2.86%	0.456%
57	8.751	1164	1167	1169	rBV3	318223	287974	2.84%	0.453%
58	8.775	1169	1171	1175	rVV2	442351	404687	3.99%	0.637%
59	8.910	1190	1194	1198	rBV	1115591	1117568	11.02%	1.759%
60	8.957	1199	1202	1205	rVV2	240437	259132	2.56%	0.408%
61	9.063	1217	1220	1223	rBV4	98725	140817	1.39%	0.222%
62	9.163	1235	1237	1239	rVV2	190897	208082	2.05%	0.328%
63	9.186	1239	1241	1243	rVV2	153336	136637	1.35%	0.215%
64	9.227	1243	1248	1250	rVV3	350636	536584	5.29%	0.845%
65	9.245	1250	1251	1256	rVV2	220116	260170	2.57%	0.409%
66	9.439	1280	1284	1286	rBV	929738	762111	7.52%	1.200%
67	9.475	1286	1290	1296	rVB	995520	998960	9.85%	1.572%
68	9.669	1317	1323	1325	rBV2	118678	179609	1.77%	0.283%
69	9.757	1335	1338	1341	rVB	177066	164150	1.62%	0.258%
70	9.933	1362	1368	1371	rBV	616535	574109	5.66%	0.904%
71	10.151	1401	1405	1408	rBV	168980	206714	2.04%	0.325%

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72	10.263	1421	1424	1428	rVB2	113062	135743	1.34%	0.214%
73	10.404	1444	1448	1456	rVB	525169	598294	5.90%	0.942%
74	10.845	1520	1523	1526	rBV	374646	311550	3.07%	0.490%
75	10.880	1526	1529	1535	rVB	143254	150291	1.48%	0.237%
76	10.951	1537	1541	1544	rBV	834590	728823	7.19%	1.147%
77	11.274	1592	1596	1598	rBV	259656	262004	2.58%	0.412%
78	11.380	1608	1614	1617	rVB	4019013	4421339	43.61%	6.959%
79	11.516	1633	1637	1643	rBV	227301	290285	2.86%	0.457%
80	11.674	1661	1664	1672	rVB	285006	301081	2.97%	0.474%
81	12.068	1723	1731	1733	rBV	4965462	10137979	100.00%	15.957%
82	12.092	1733	1735	1740	rVV2	5085026	5881944	58.02%	9.258%
83	12.163	1743	1747	1750	rVV	2256997	2085763	20.57%	3.283%
84	12.204	1750	1754	1755	rVV	649695	761382	7.51%	1.198%
85	12.227	1755	1758	1766	rVV	1118585	1384715	13.66%	2.179%
86	12.392	1782	1786	1790	rBV2	169014	192360	1.90%	0.303%
87	12.433	1790	1793	1800	rVB	185261	184074	1.82%	0.290%
88	12.651	1825	1830	1835	rVV4	86907	144756	1.43%	0.228%
89	12.751	1842	1847	1850	rVV6	89865	198680	1.96%	0.313%
90	12.798	1850	1855	1864	rVV3	203406	406217	4.01%	0.639%
91	12.880	1866	1869	1871	rVV	211645	189300	1.87%	0.298%
92	12.904	1871	1873	1878	rVV3	259974	323413	3.19%	0.509%
93	12.945	1878	1880	1886	rVB2	287880	310521	3.06%	0.489%
94	13.033	1893	1895	1899	rVB	154325	146072	1.44%	0.230%
95	13.298	1937	1940	1944	rVB2	111521	144990	1.43%	0.228%
96	13.545	1979	1982	1984	rBV	237129	209951	2.07%	0.330%
97	13.574	1984	1987	1990	rVB	660065	590486	5.82%	0.929%
98	14.062	2065	2070	2079	rBV3	192981	424970	4.19%	0.669%
99	14.457	2133	2137	2147	rBV	539333	734457	7.24%	1.156%
100	14.915	2212	2215	2219	rVB	368101	393918	3.89%	0.620%

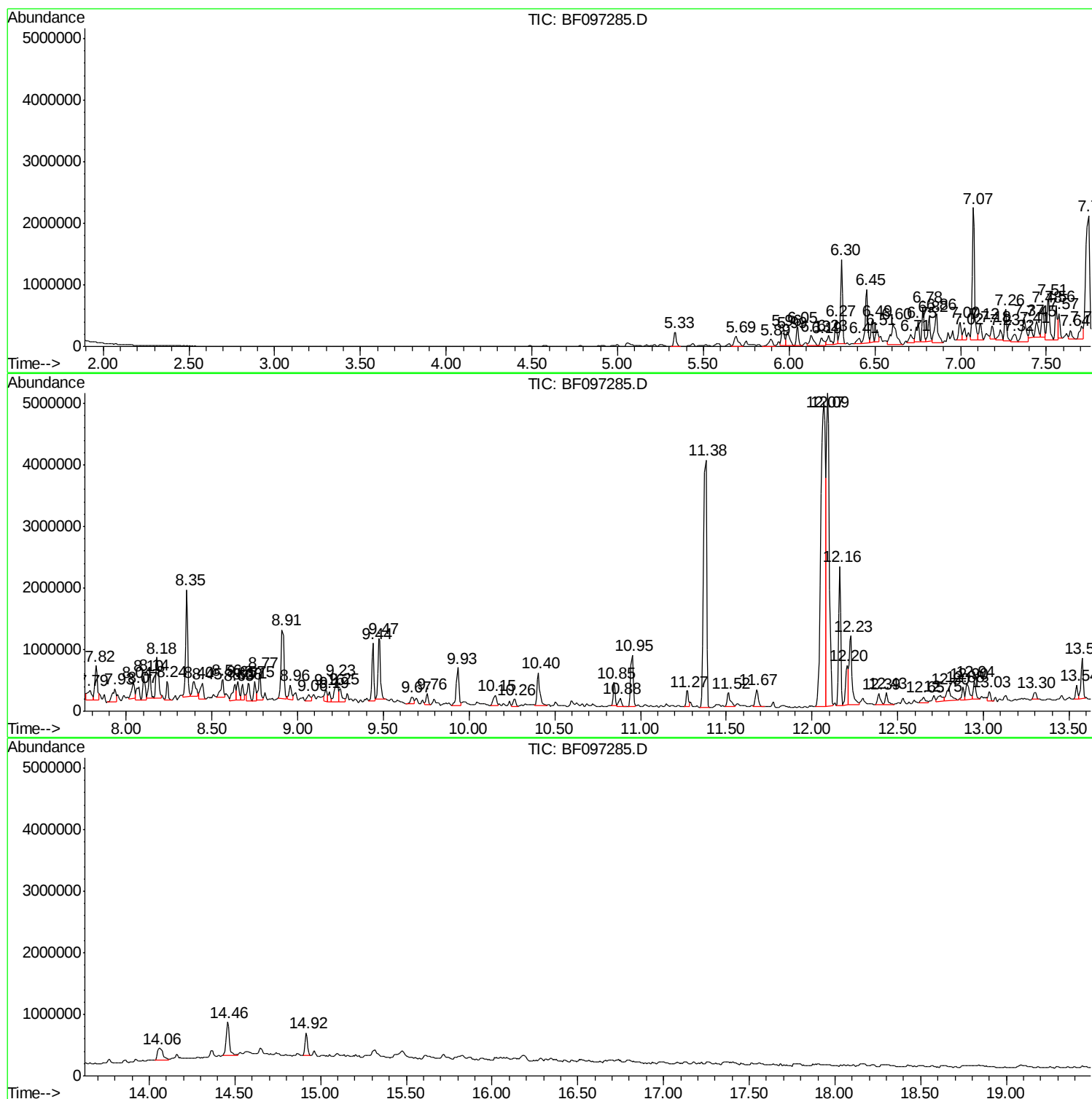
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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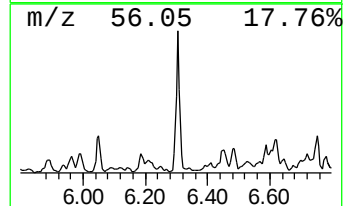
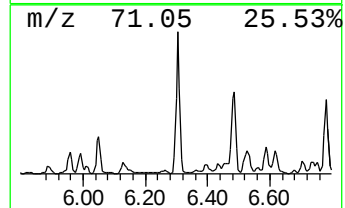
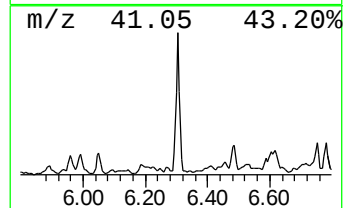
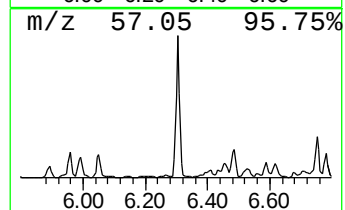
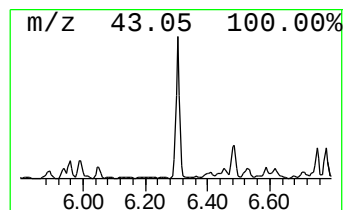
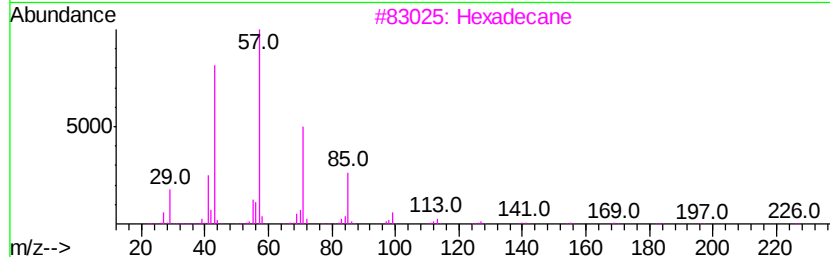
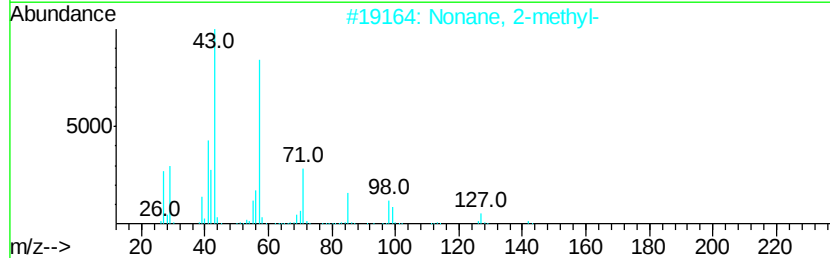
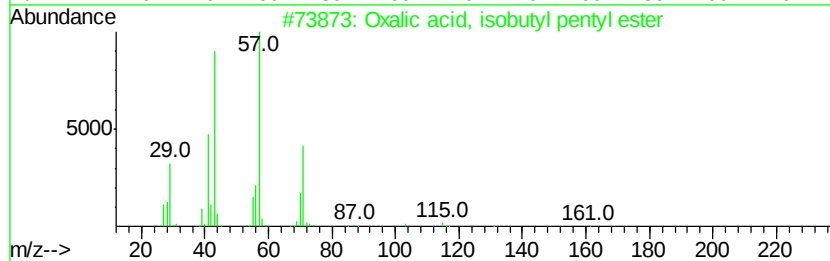
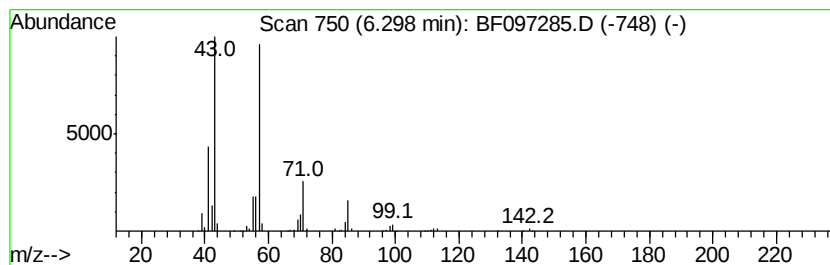
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Oxalic acid, isobutyl penty... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.30	27.05 ng	1163090	1,4-Dichlorobenzene-d4	6.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	72
2		Nonane, 2-methyl-	142	C10H22	000871-83-0	72
3		Hexadecane	226	C16H34	000544-76-3	64
4		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	59
5		Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	59



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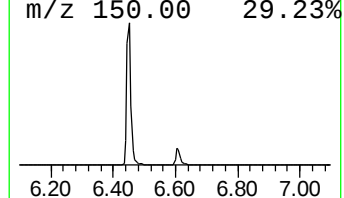
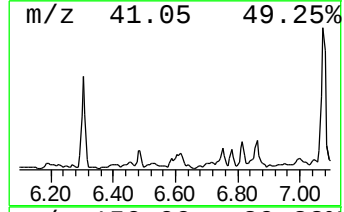
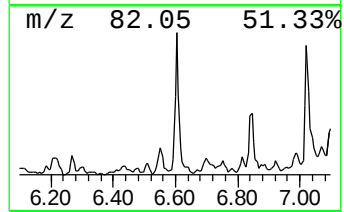
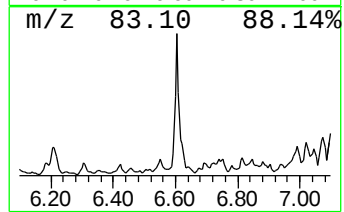
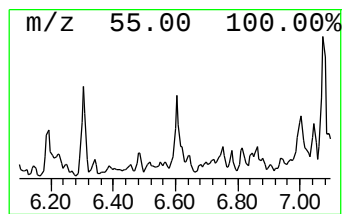
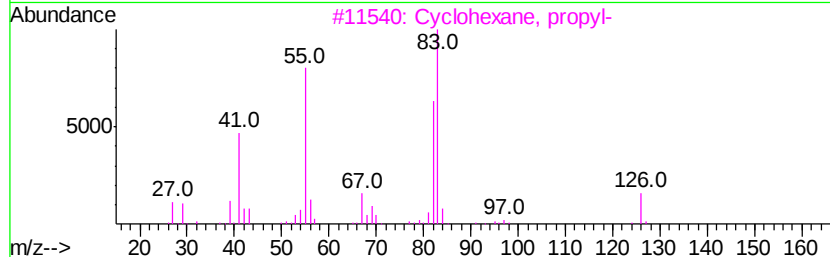
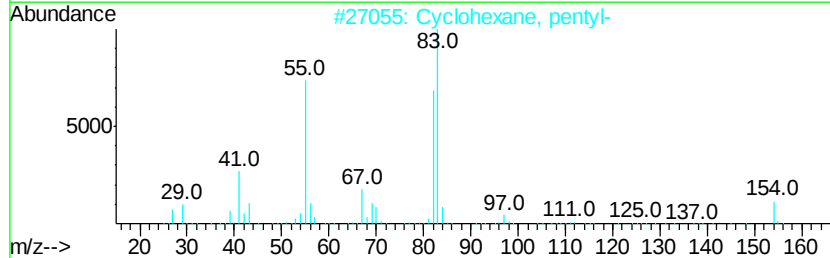
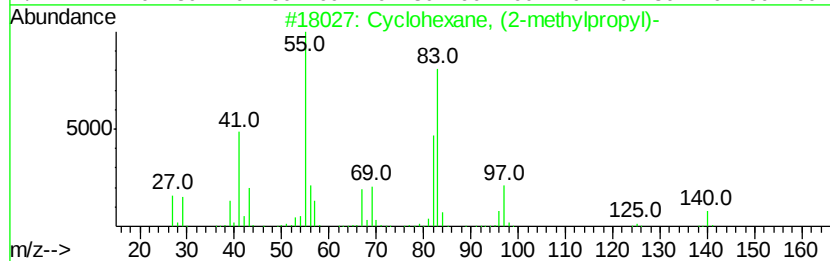
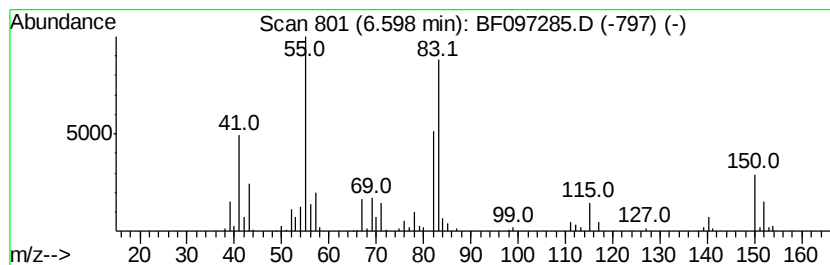
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Peak Number 2 unknown6.60 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	17.36 ng	746527	1,4-Dichlorobenzene-d4	6.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	49
2		Cyclohexane, pentyl-	154	C11H22	004292-92-6	47
3		Cyclohexane, propyl-	126	C9H18	001678-92-8	43
4		Cyclohexane, butyl-	140	C10H20	001678-93-9	43
5		Cyclopentane, 1-ethyl-3-methyl-,...	112	C8H16	002613-65-2	43



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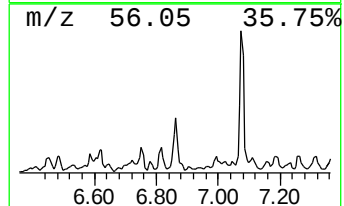
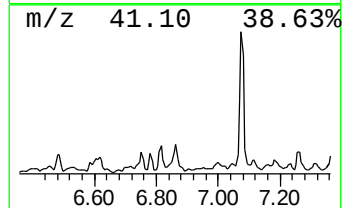
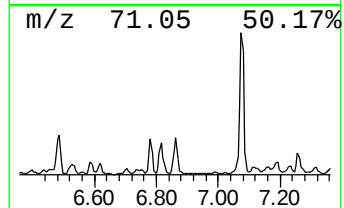
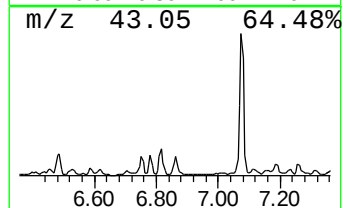
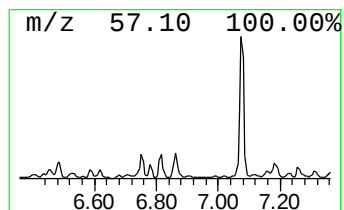
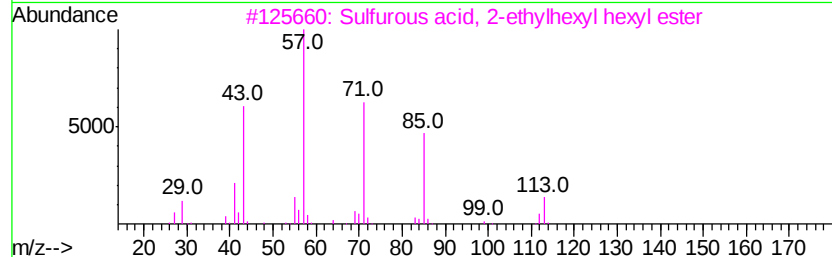
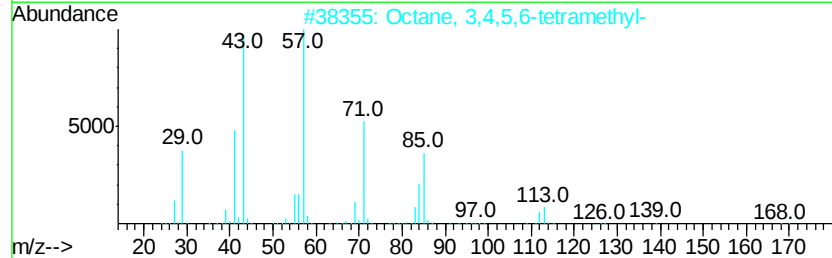
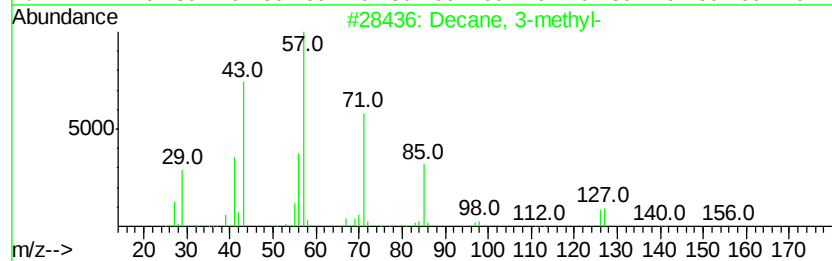
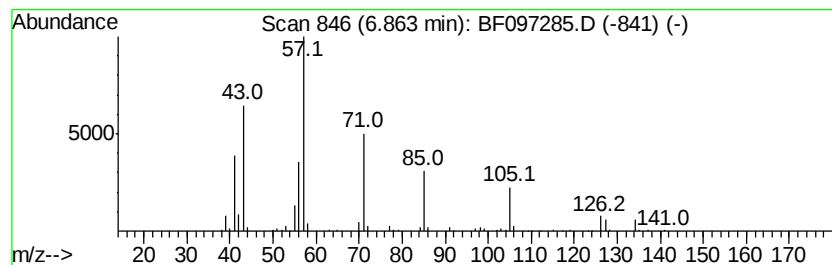
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Decane, 3-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.		
6.86	15.37 ng	660938	1,4-Dichlorobenzene-d4	6.45		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-		156	C11H24	013151-34-3	59
2	Octane, 3,4,5,6-tetramethyl-		170	C12H26	062185-21-1	50
3	Sulfurous acid, 2-ethylhexyl hex...		278	C14H30O3S	1000309-20-2	47
4	Decane, 2,3,8-trimethyl-		184	C13H28	062238-14-6	47
5	Nonane, 5-(2-methylpropyl)-		184	C13H28	062185-53-9	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080217\
Data File : BF097285.D
Acq On : 2 Aug 2017 20:43
Operator : SJ/JU
Sample : I4543-07 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-05-073117-C

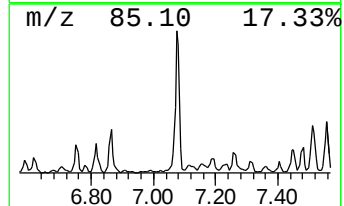
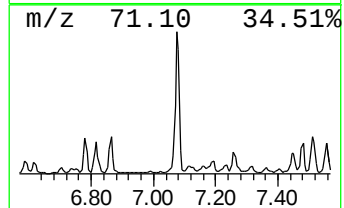
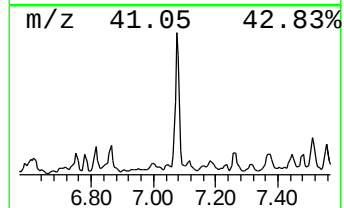
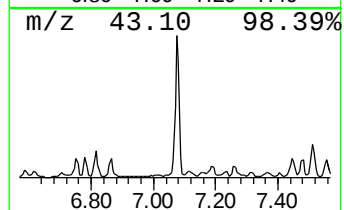
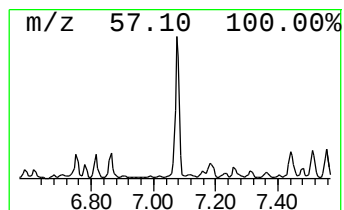
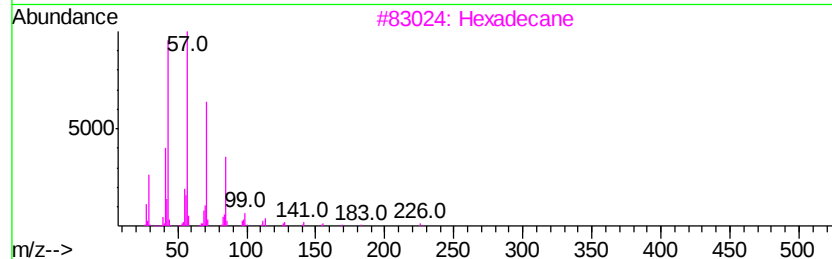
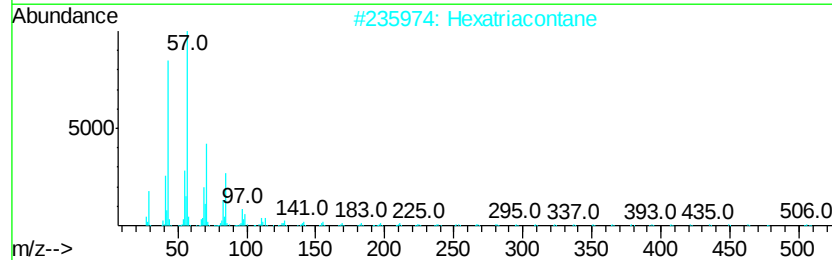
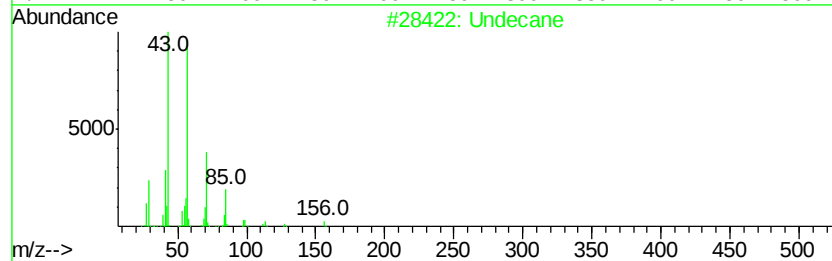
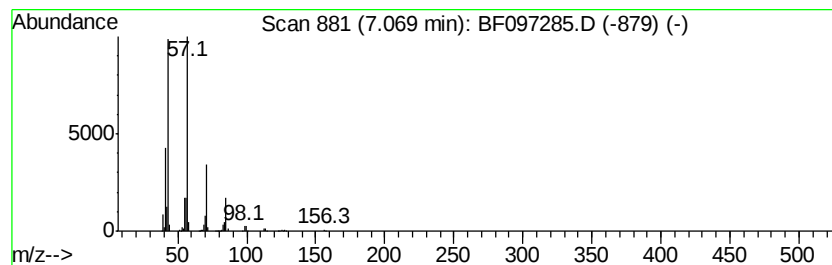
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Undecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	47.36 ng	2036700	1,4-Dichlorobenzene-d4	6.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane	156	C11H24	001120-21-4	83
2		Hexatriacontane	507	C36H74	000630-06-8	72
3		Hexadecane	226	C16H34	000544-76-3	64
4		Nonane, 4-methyl-	142	C10H22	017301-94-9	64
5		Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\
Data File : BF097285.D
Acq On : 2 Aug 2017 20:43
Operator : SJ/JU
Sample : I4543-07 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

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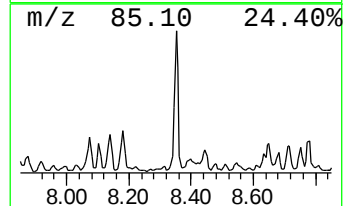
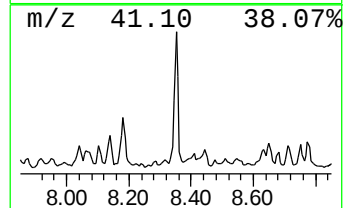
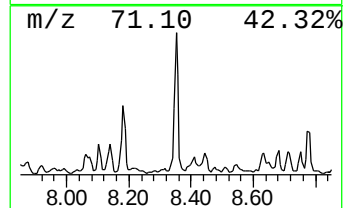
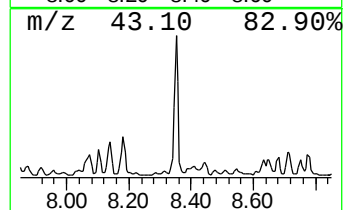
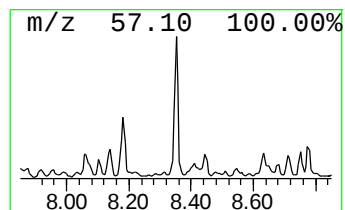
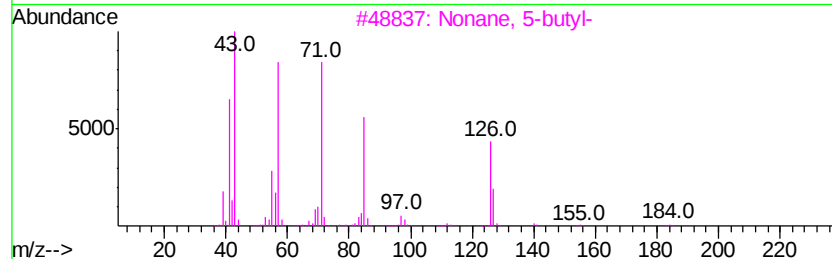
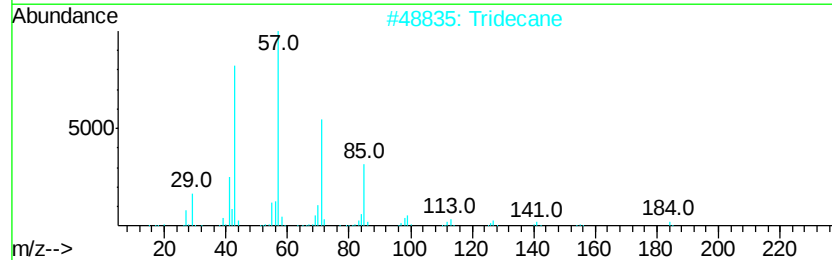
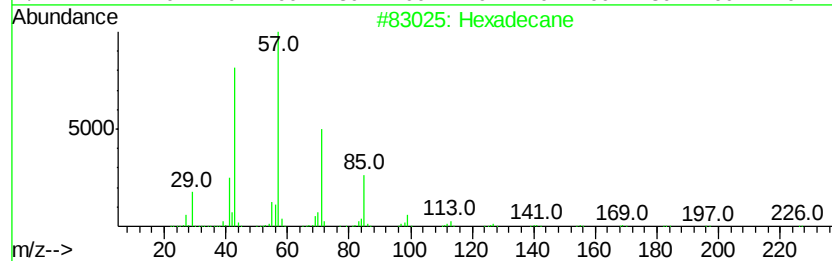
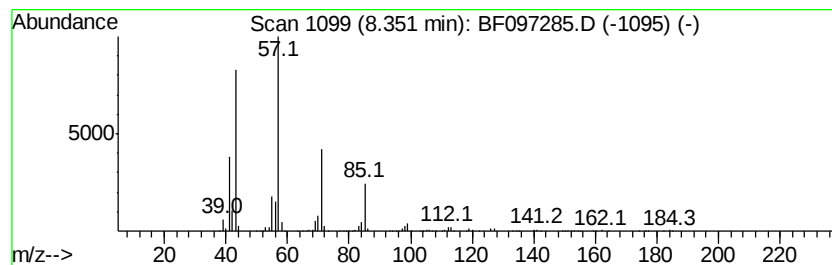
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Hexadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.35	11.86 ng	1547640	Naphthalene-d8	7.73

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	90
2	Tridecane		184	C13H28	000629-50-5	78
3	Nonane, 5-butyl-		184	C13H28	017312-63-9	72
4	Tetradecane		198	C14H30	000629-59-4	72
5	Undecane, 2-methyl-		170	C12H26	007045-71-8	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080217\
Data File : BF097285.D
Acq On : 2 Aug 2017 20:43
Operator : SJ/JU
Sample : I4543-07 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

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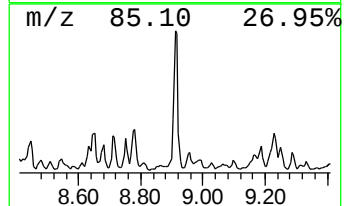
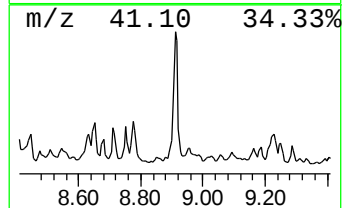
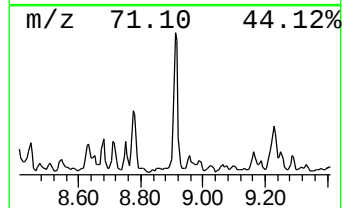
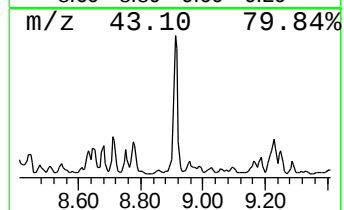
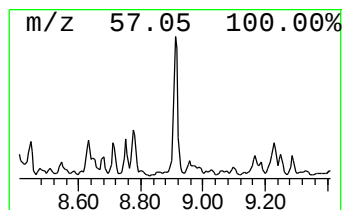
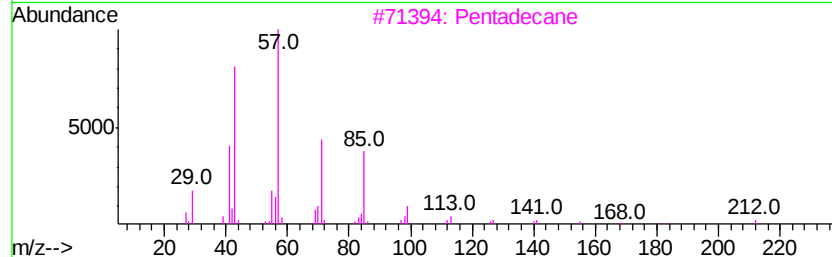
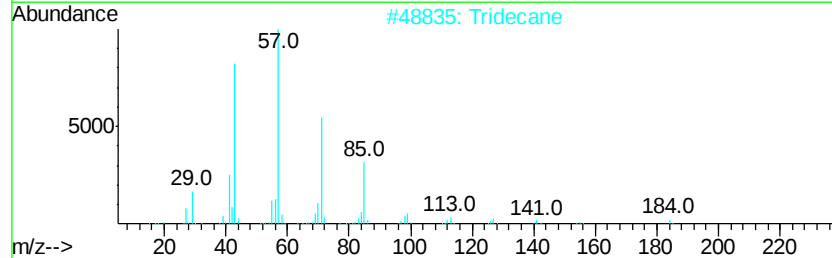
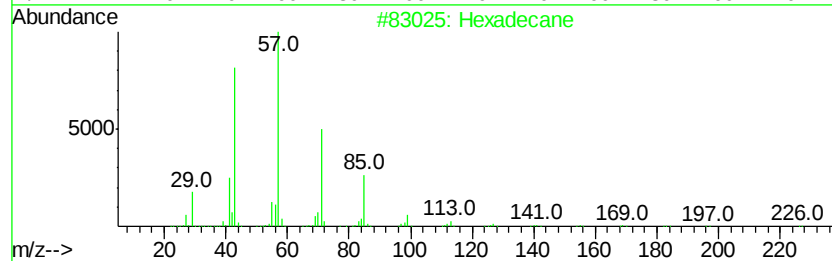
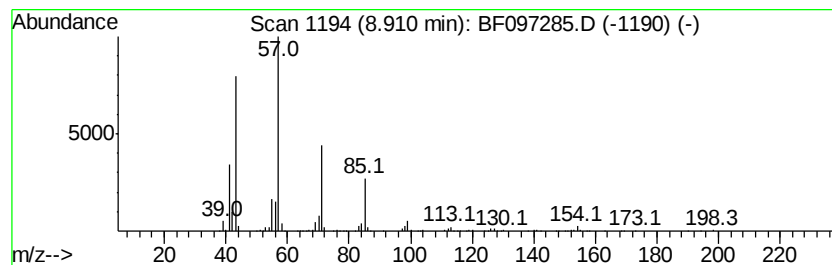
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tridecane, 6-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.91	22.37 ng	1117570	Acenaphthene-d10	9.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	91
2		Tridecane	184	C13H28	000629-50-5	80
3		Pentadecane	212	C15H32	000629-62-9	80
4		Tridecane, 6-methyl-	198	C14H30	013287-21-3	76
5		Dodecane	170	C12H26	000112-40-3	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\
Data File : BF097285.D
Acq On : 2 Aug 2017 20:43
Operator : SJ/JU
Sample : I4543-07 5X
Misc :
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Instrument :
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ClientSampleId :
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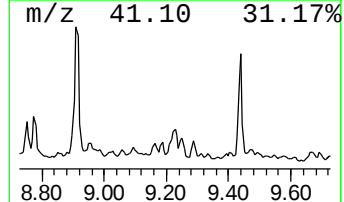
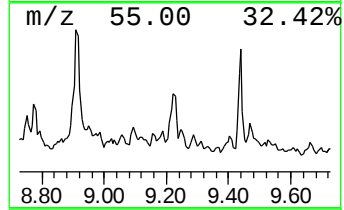
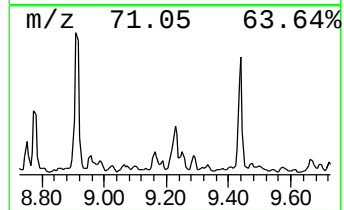
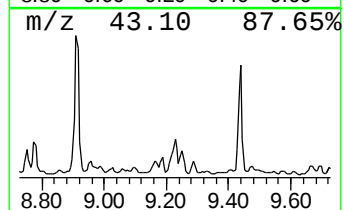
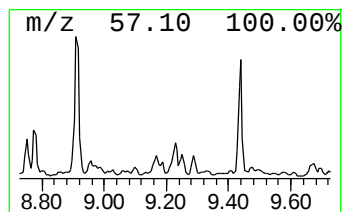
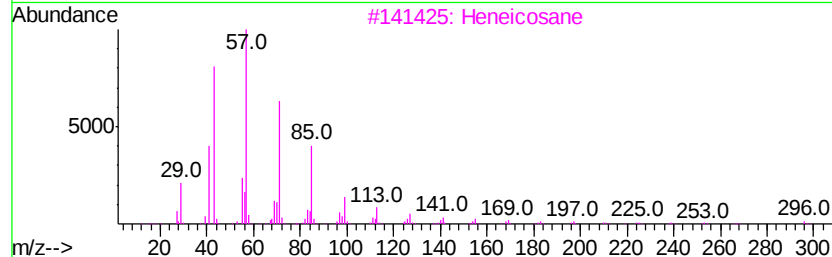
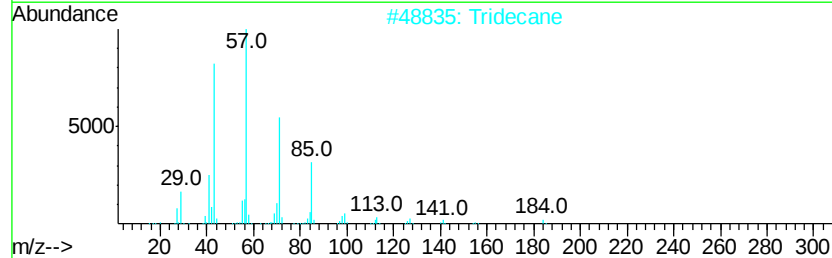
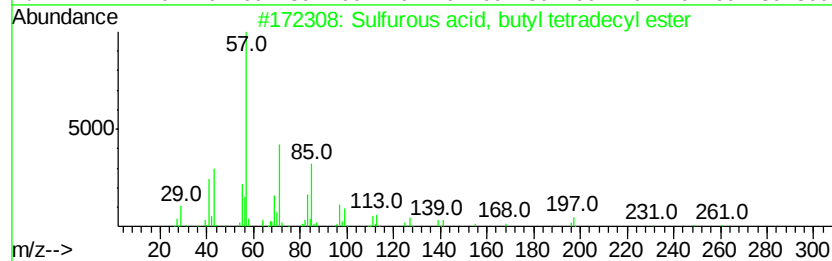
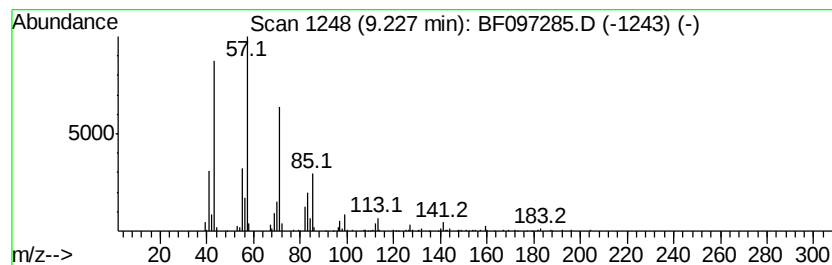
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Sulfurous acid, butyl tetra... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.23	10.74 ng	536584	Acenaphthene-d10	9.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	78
2		Tridecane	184	C13H28	000629-50-5	64
3		Heneicosane	296	C21H44	000629-94-7	64
4		Hexadecane	226	C16H34	000544-76-3	64
5		Nonadecane	268	C19H40	000629-92-5	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\
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Acq On : 2 Aug 2017 20:43
Operator : SJ/JU
Sample : I4543-07 5X
Misc :
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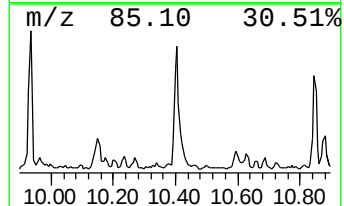
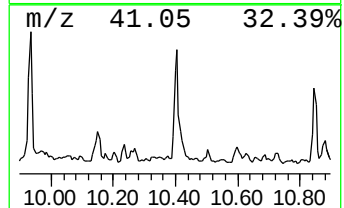
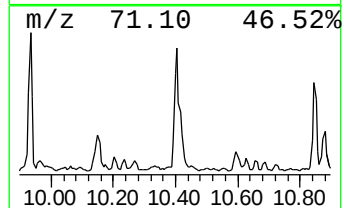
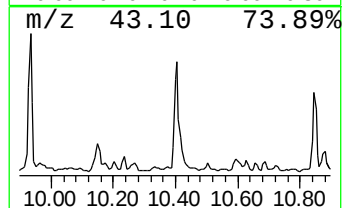
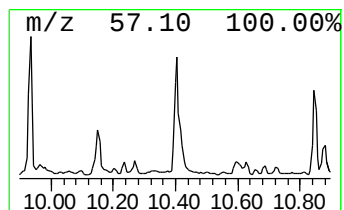
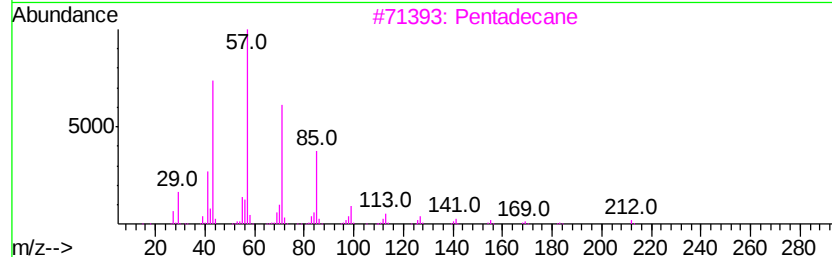
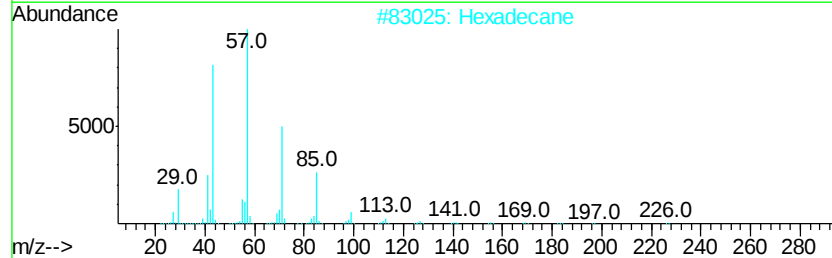
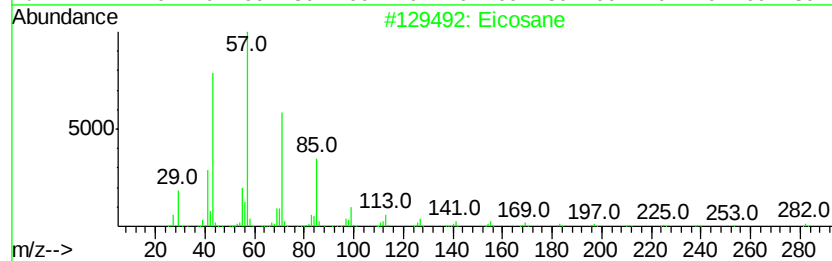
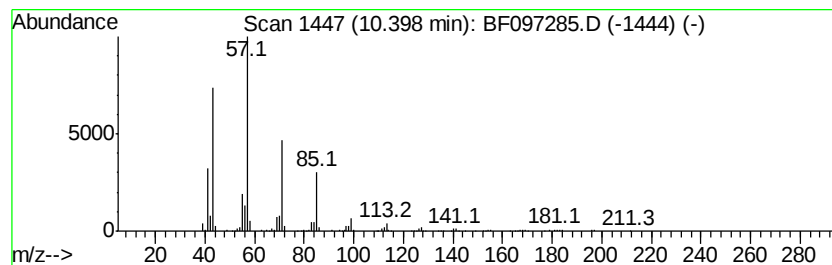
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Eicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD			R.T.	
10.40	16.42 ng	598294	Phenanthrene-d10			10.95	
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	90
2			Hexadecane	226	C16H34	000544-76-3	87
3			Pentadecane	212	C15H32	000629-62-9	86
4			Tetradecane	198	C14H30	000629-59-4	86
5			Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080217\
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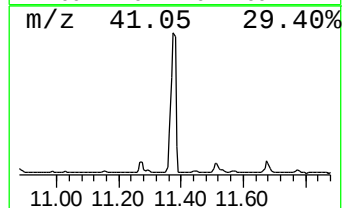
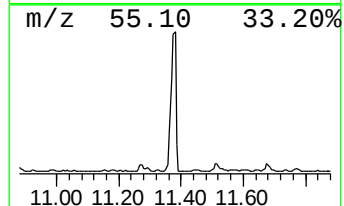
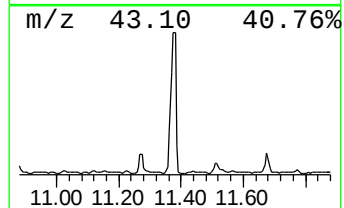
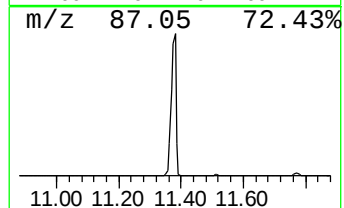
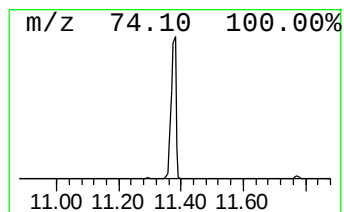
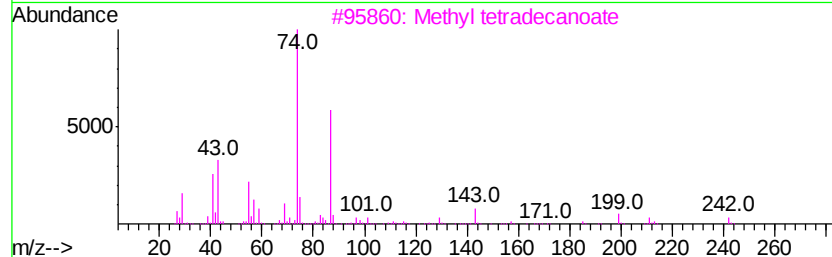
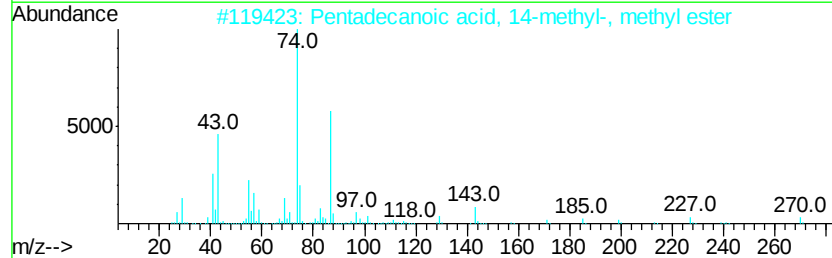
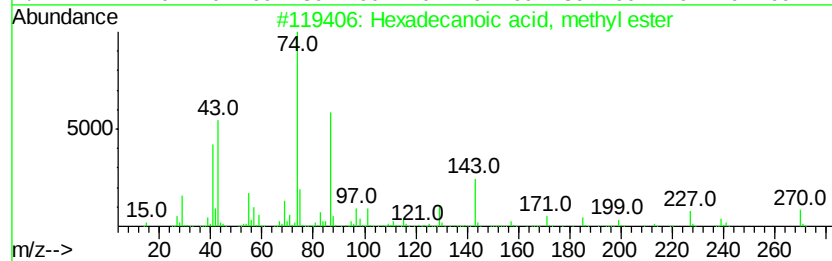
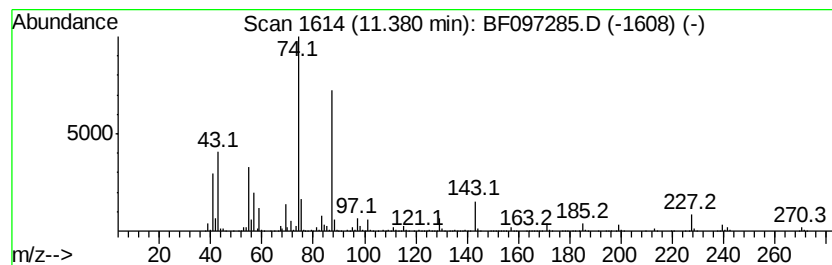
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.38	121.33 ng	4421340	Phenanthrene-d10	10.95

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	91
2		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	91
3		Methyl tetradecanoate	242	C15H30O2	000124-10-7	90
4		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
5		Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	86



Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\
Data File : BF097285.D
Acq On : 2 Aug 2017 20:43
Operator : SJ/JU
Sample : I4543-07 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

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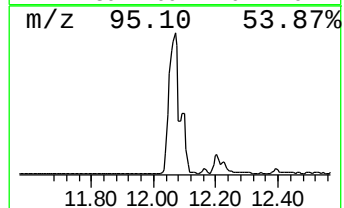
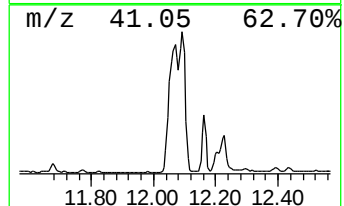
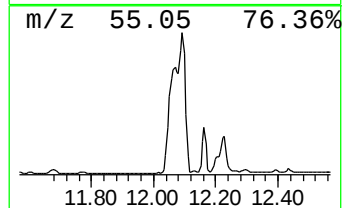
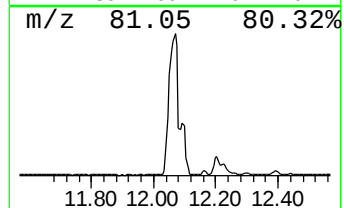
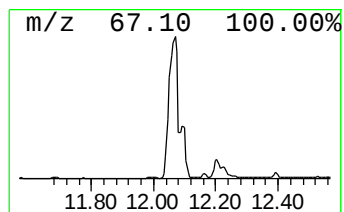
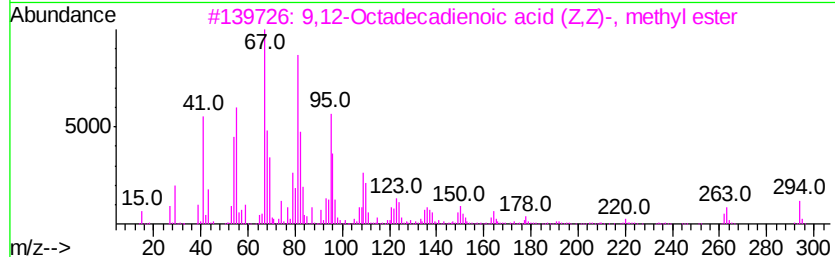
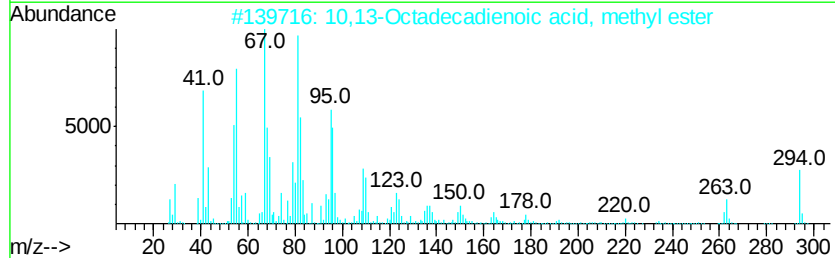
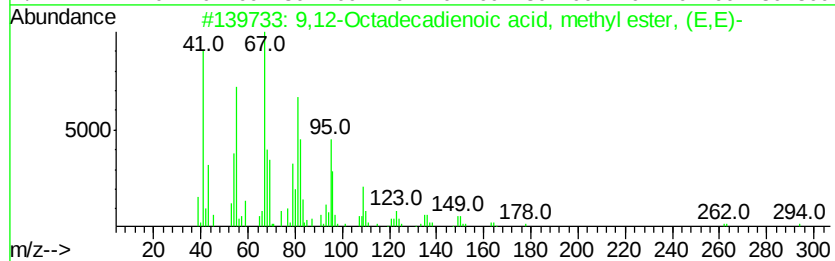
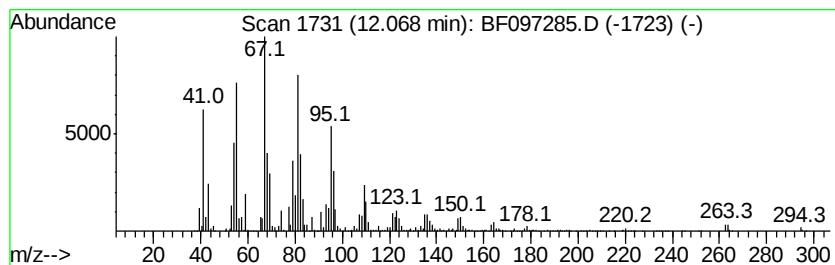
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	278.20 ng	10138000	Phenanthrene-d10	10.95

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\
Data File : BF097285.D
Acq On : 2 Aug 2017 20:43
Operator : SJ/JU
Sample : I4543-07 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-05-073117-C

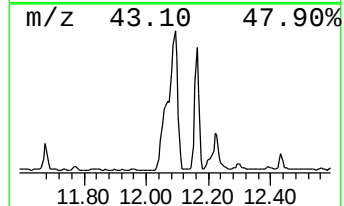
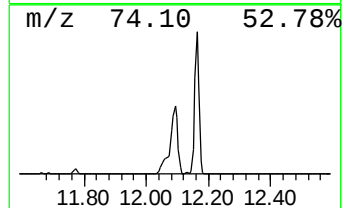
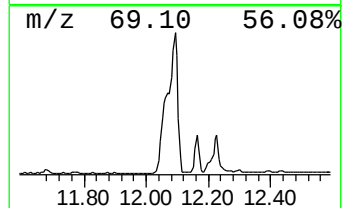
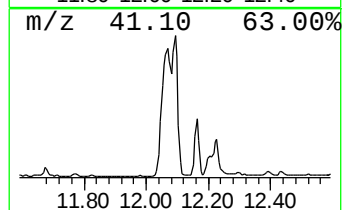
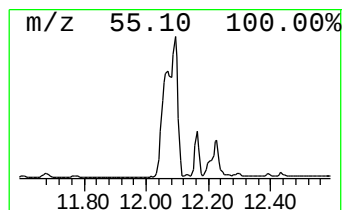
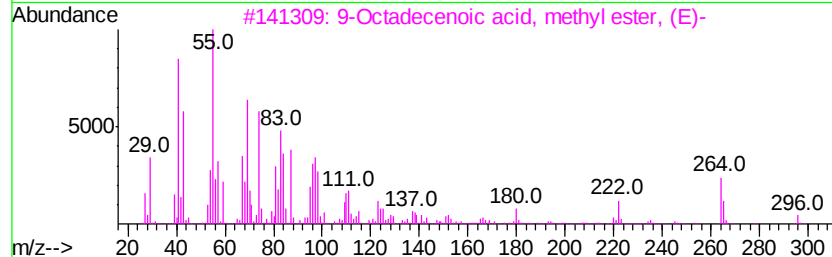
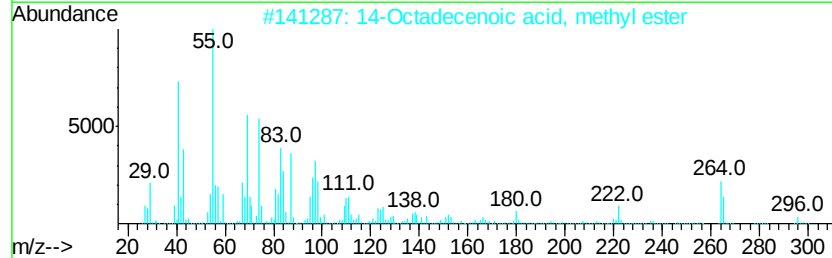
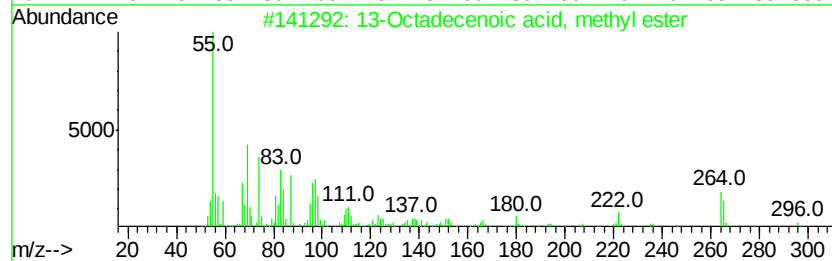
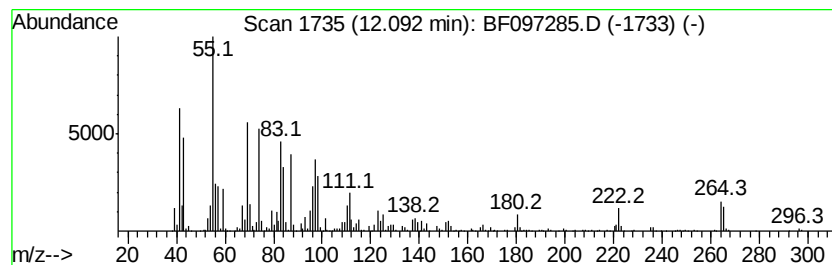
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 13-Octadecenoic acid, methyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	161.41 ng	5881940	Phenanthrene-d10	10.95

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	93
2			14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	91
3			9-Octadecenoic acid, methyl ester	296	C19H36O2	001937-62-8	91
4			16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	90
5			10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\
Data File : BF097285.D
Acq On : 2 Aug 2017 20:43
Operator : SJ/JU
Sample : I4543-07 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleID :
HR-05-073117-C

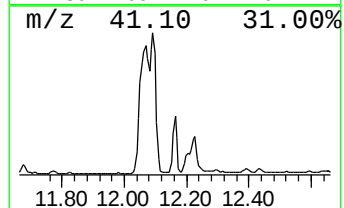
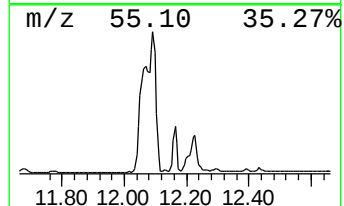
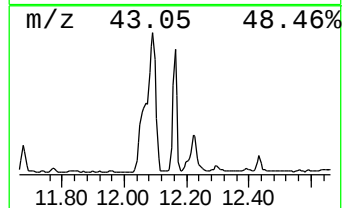
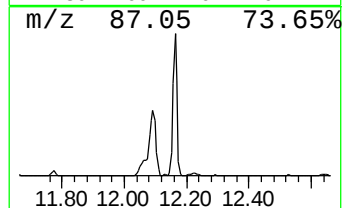
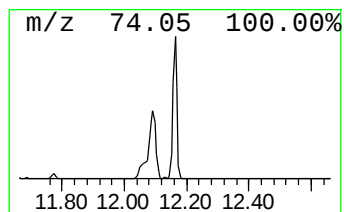
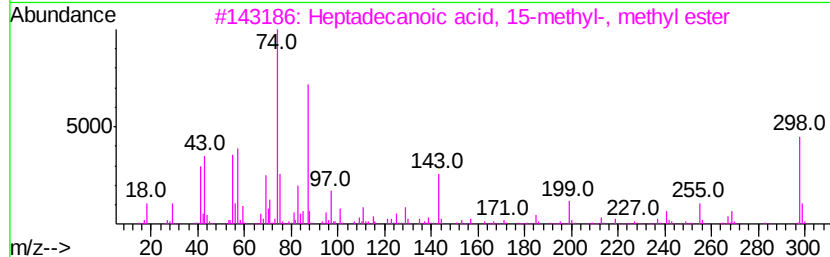
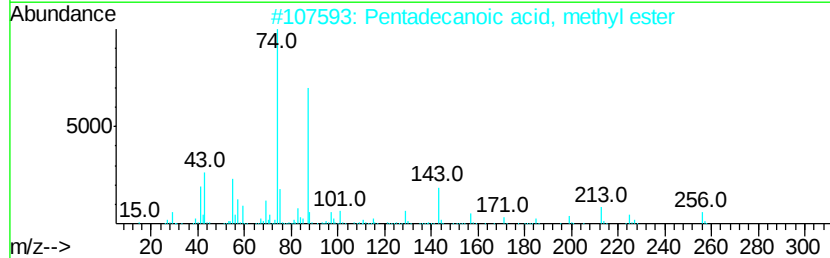
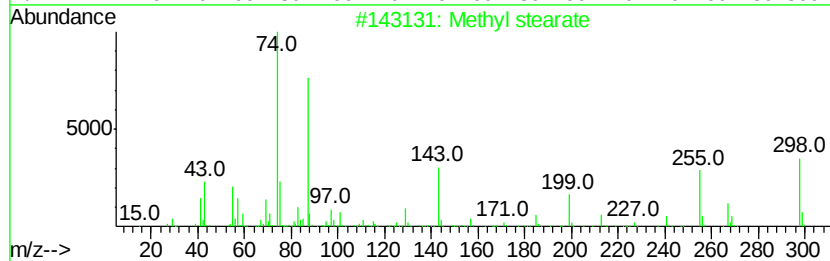
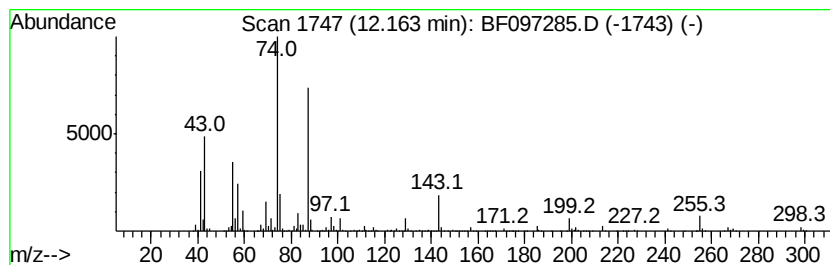
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Methyl stearate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	57.24 ng	2085760	Phenanthrene-d10	10.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methyl stearate	298	C19H38O2	000112-61-8	98
2		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	91
3		Heptadecanoic acid, 15-methyl-, ...	298	C19H38O2	054833-55-5	90
4		Methyl tetradecanoate	242	C15H30O2	000124-10-7	90
5		Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\
Data File : BF097285.D
Acq On : 2 Aug 2017 20:43
Operator : SJ/JU
Sample : I4543-07 5X
Misc :
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ClientSampleId :
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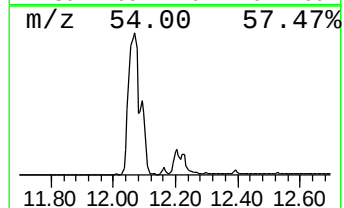
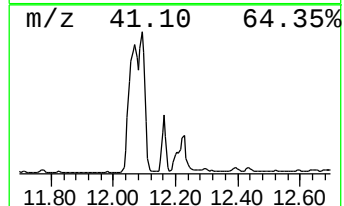
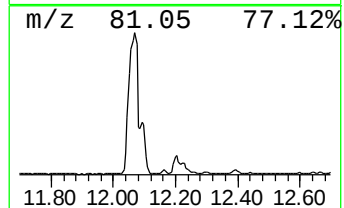
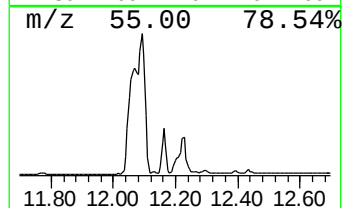
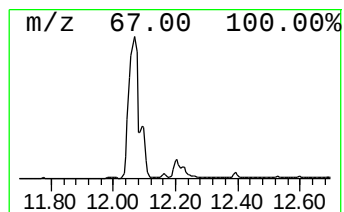
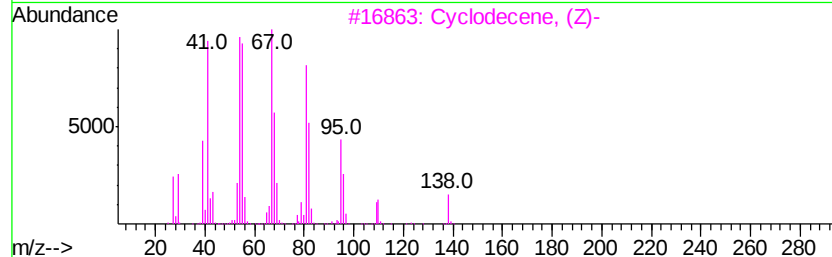
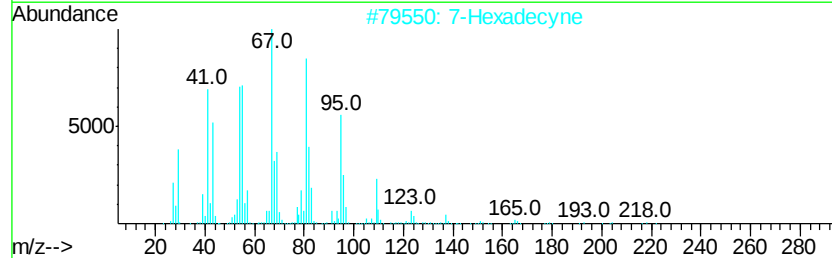
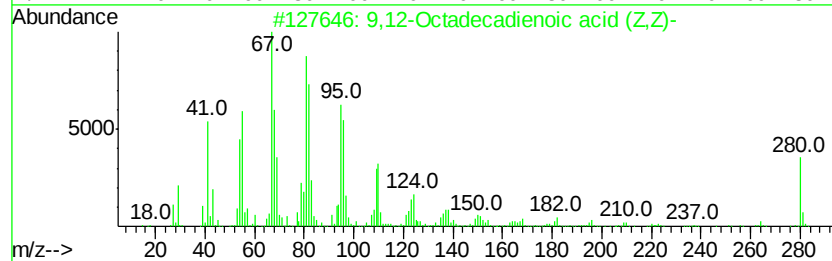
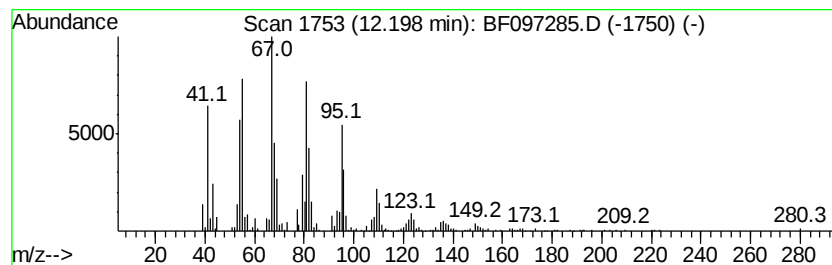
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 9,12-Octadecadienoic acid (... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.20	20.89 ng	761382	Phenanthrene-d10	10.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	96
2		7-Hexadecyne	222	C16H30	074685-28-2	87
3		Cyclodecene, (Z)-	138	C10H18	000935-31-9	87
4		Cyclodecene	138	C10H18	003618-12-0	86
5		E-1,9-Tetradecadiene	194	C14H26	1000245-70-7	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080217\
Data File : BF097285.D
Acq On : 2 Aug 2017 20:43
Operator : SJ/JU
Sample : I4543-07 5X
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ClientSampleId :
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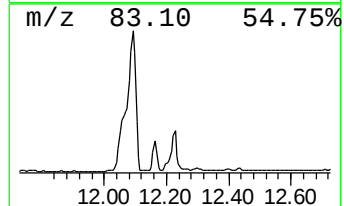
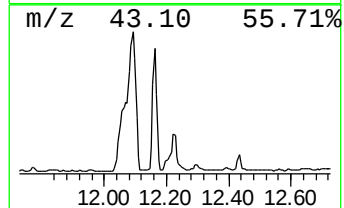
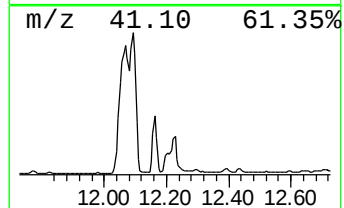
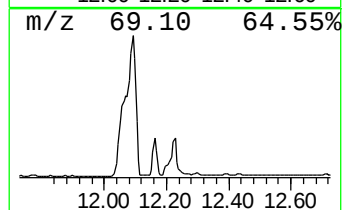
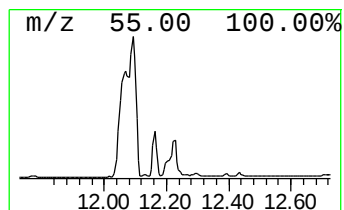
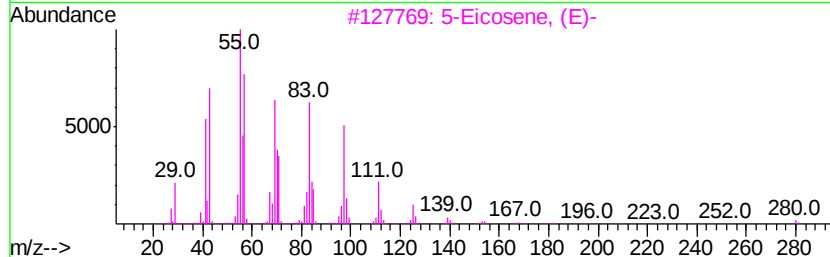
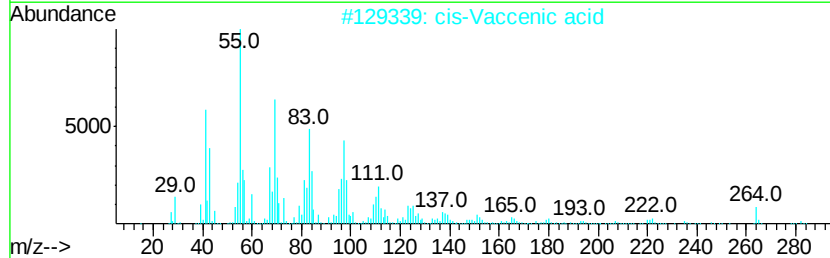
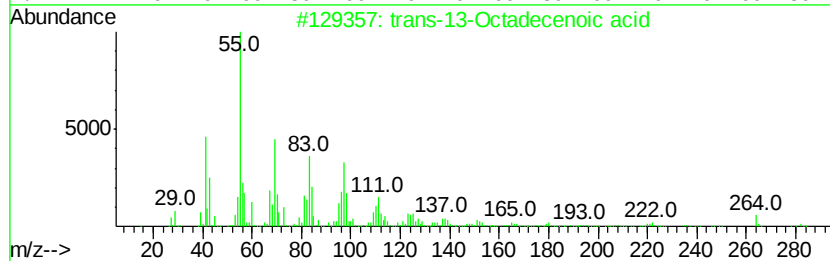
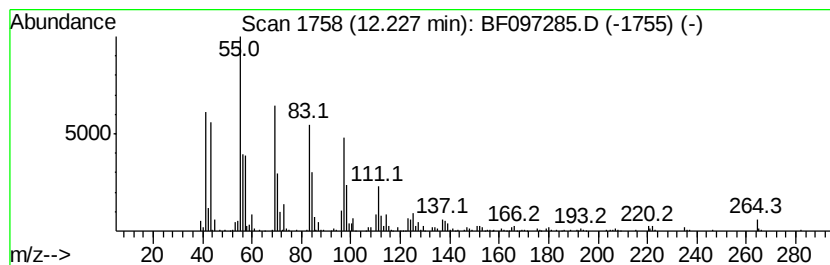
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 trans-13-Octadecenoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.23	38.00 ng	1384720	Phenanthrene-d10	10.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	90
2		cis-Vaccenic acid	282	C18H34O2	000506-17-2	90
3		5-Eicosene, (E)-	280	C20H40	074685-30-6	80
4		Cyclopentadecane	210	C15H30	000295-48-7	80
5		1-Hexadecanol	242	C16H34O	036653-82-4	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080217\
Data File : BF097285.D
Acq On : 2 Aug 2017 20:43
Operator : SJ/JU
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Misc :
ALS Vial : 16 Sample Multiplier: 1

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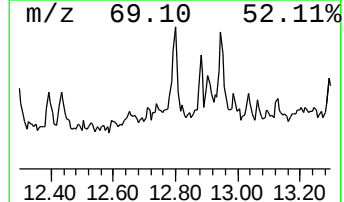
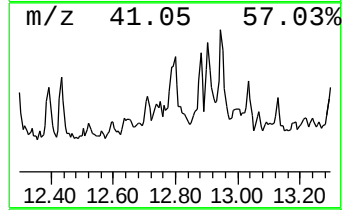
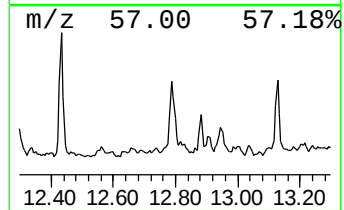
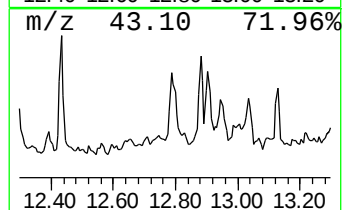
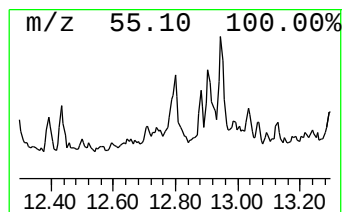
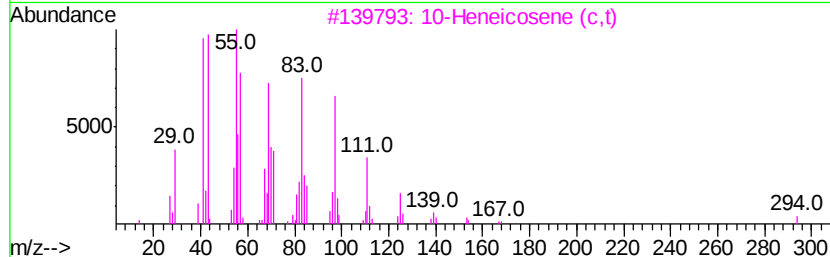
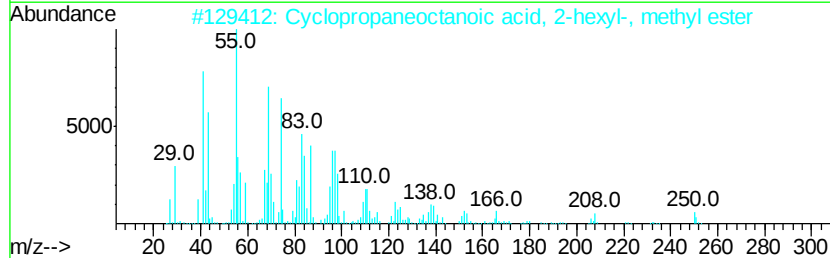
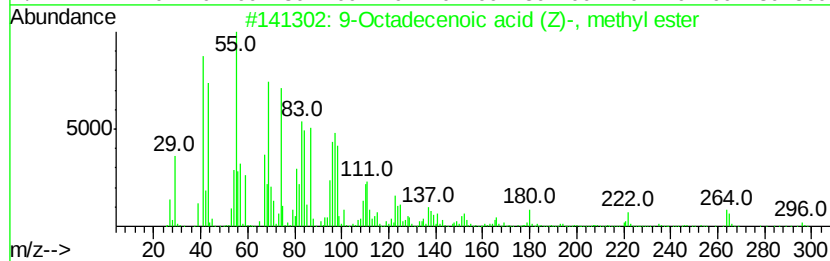
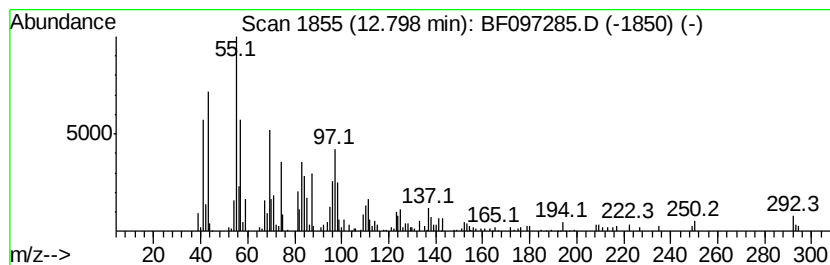
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 9-Octadecenoic acid (Z)-, m... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.80	13.76 ng	406217	Chrysene-d12	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	70
2		Cyclopropaneoctanoic acid, 2-hex...	282	C18H34O2	010152-61-1	64
3		10-Heneicosene (c,t)	294	C21H42	095008-11-0	59
4		Methyl myristoleate	240	C15H28O2	056219-06-8	58
5		cis-13-Eicosenoic acid	310	C20H38O2	017735-94-3	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080217\
Data File : BF097285.D
Acq On : 2 Aug 2017 20:43
Operator : SJ/JU
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Misc :
ALS Vial : 16 Sample Multiplier: 1

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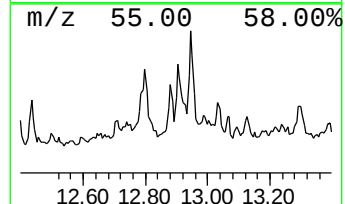
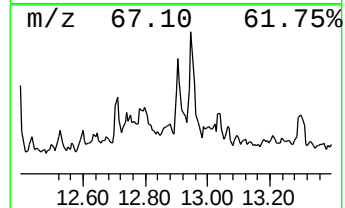
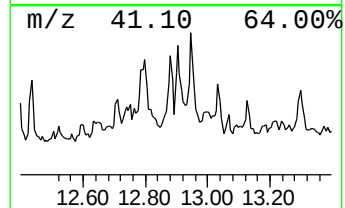
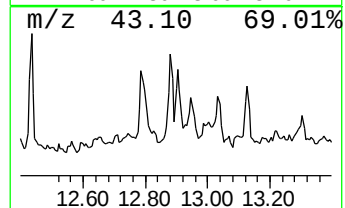
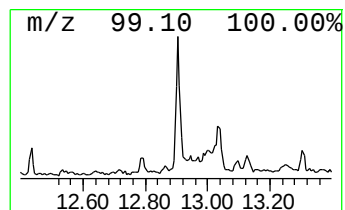
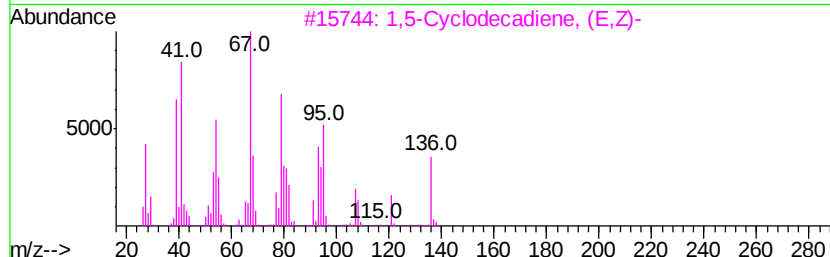
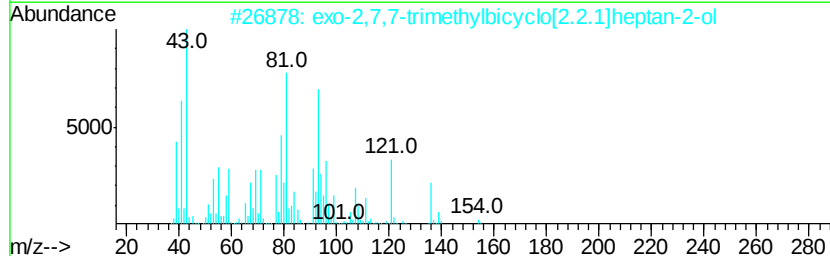
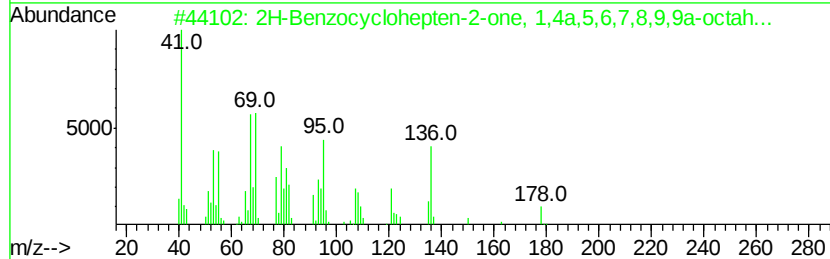
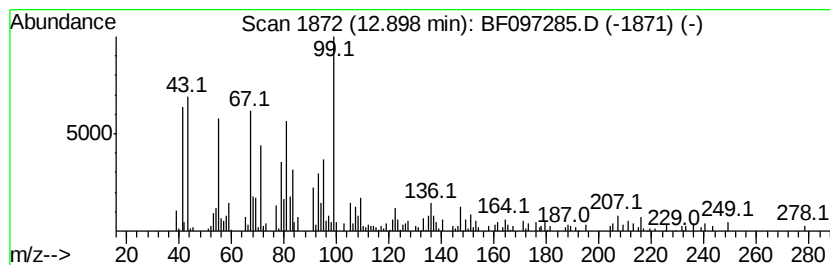
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown12.90 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	10.95 ng	323413	Chrysene-d12	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2H-Benzocyclohepten-2-one, 1,4a,...	178	C12H18O	017429-26-4	46
2		exo-2,7,7-trimethylbicyclo[2.2.1]...	154	C10H18O	1000374-19-3	44
3		1,5-Cyclodecadiene, (E,Z)-	136	C10H16	001124-78-3	42
4		1,6-Cyclodecadiene	136	C10H16	007049-13-0	38
5		E,E-6,11-Tridecadien-1-ol acetate	238	C15H26O2	1000130-97-2	35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\
Data File : BF097285.D
Acq On : 2 Aug 2017 20:43
Operator : SJ/JU
Sample : I4543-07 5X
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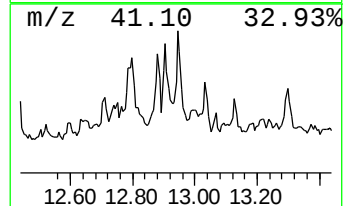
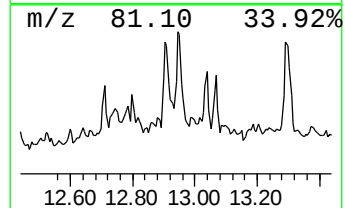
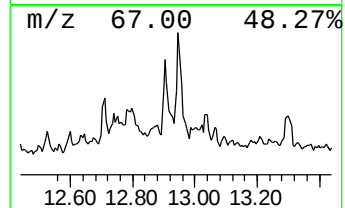
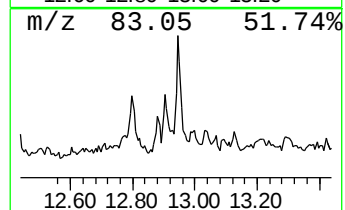
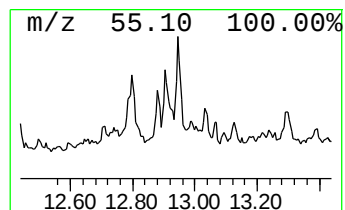
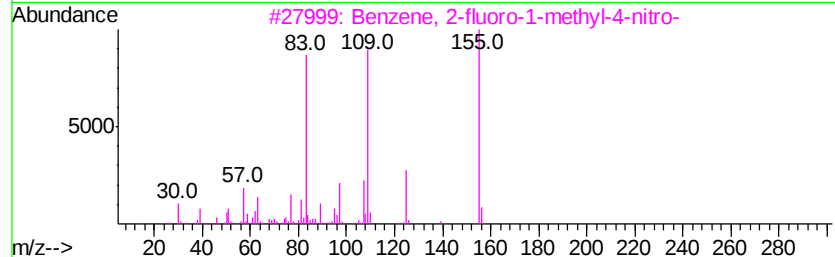
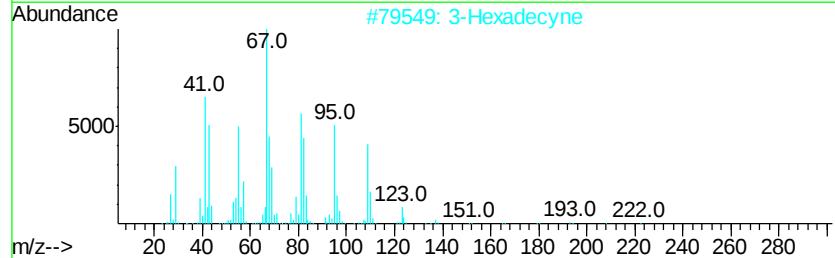
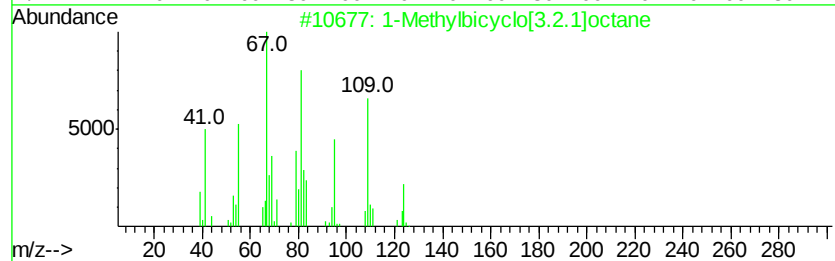
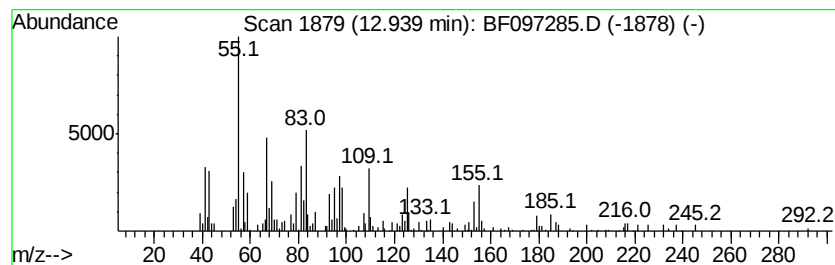
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ClientSampleId :
HR-05-073117-C

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 1-Methylbicyclo[3.2.1]octane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	10.52 ng	310521	Chrysene-d12	13.57
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1-Methylbicyclo[3.2.1]octane	124 C9H16	119972-41-7 59
2		3-Hexadecyne	222 C16H30	061886-62-2 30
3		Benzene, 2-fluoro-1-methyl-4-nitro-	155 C7H6FN02	001427-07-2 27
4		Benzene, 1-fluoro-2-methyl-4-nitro-	155 C7H6FN02	000455-88-9 27
5		2H-Quinolizin-1-ol, octahydro-, ...	155 C9H17NO	010447-19-5 22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080217\
Data File : BF097285.D
Acq On : 2 Aug 2017 20:43
Operator : SJ/JU
Sample : I4543-07 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-05-073117-C

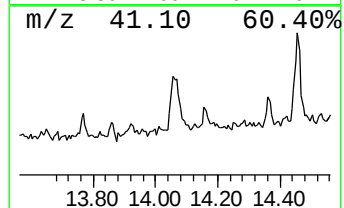
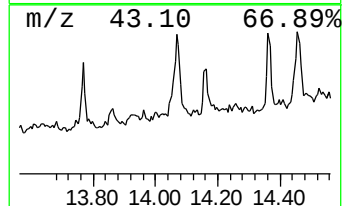
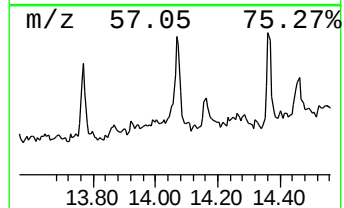
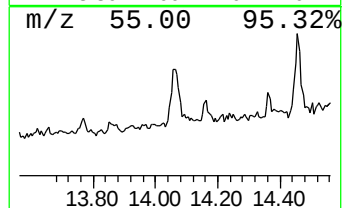
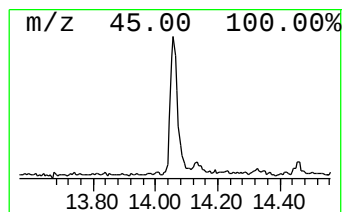
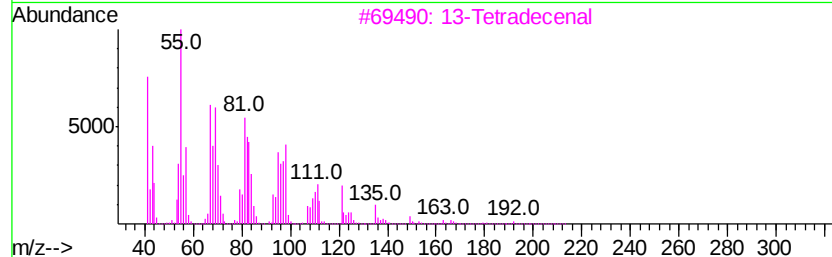
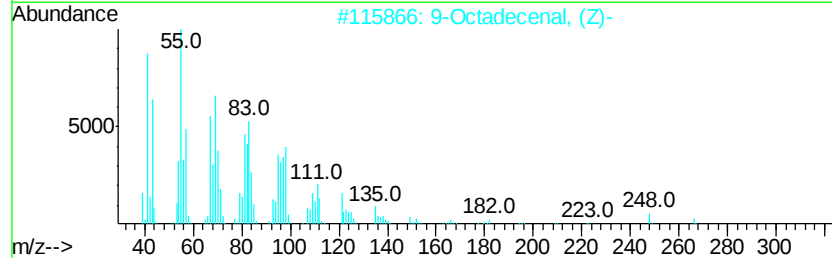
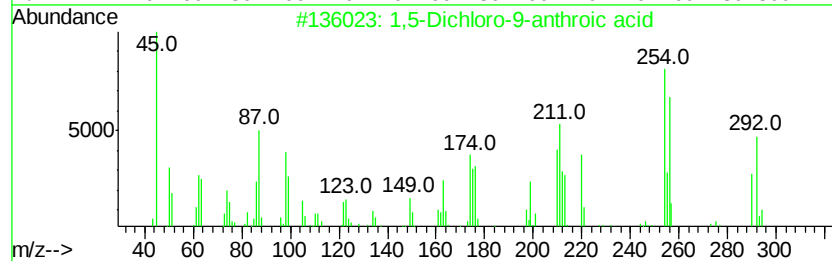
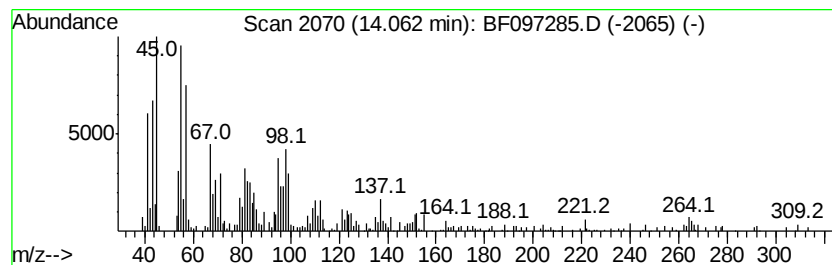
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 1,5-Dichloro-9-anthroic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.06	14.39 ng	424970	Chrysene-d12	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,5-Dichloro-9-anthroic acid	290	C15H8Cl2O2	1000251-19-4	96
2		9-Octadecenal, (Z)-	266	C18H34O	002423-10-1	46
3		13-Tetradecenal	210	C14H26O	085896-31-7	45
4		Oxacyclotetradecan-2-one	212	C13H24O2	001725-04-8	45
5		9-Oxabicyclo[6.1.0]nonane	126	C8H14O	000286-62-4	44



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080217\
Data File : BF097285.D
Acq On : 2 Aug 2017 20:43
Operator : SJ/JU
Sample : I4543-07 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-05-073117-C

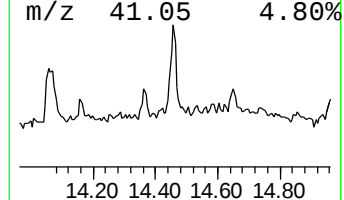
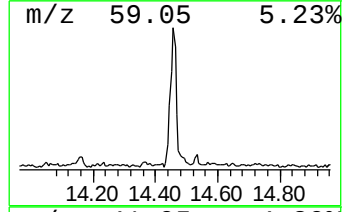
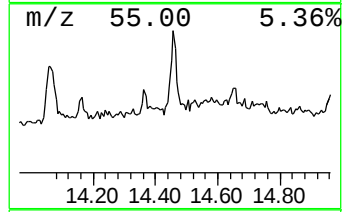
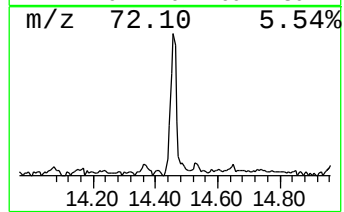
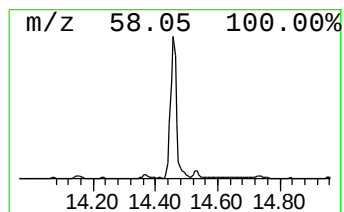
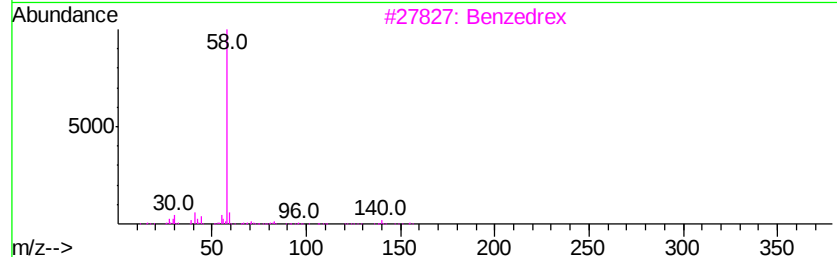
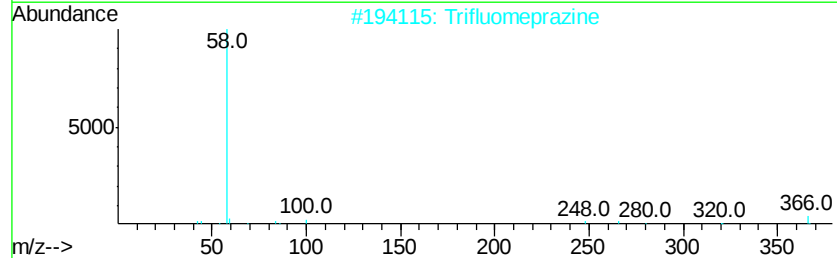
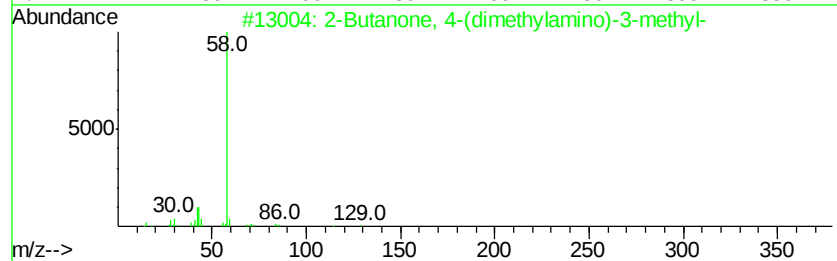
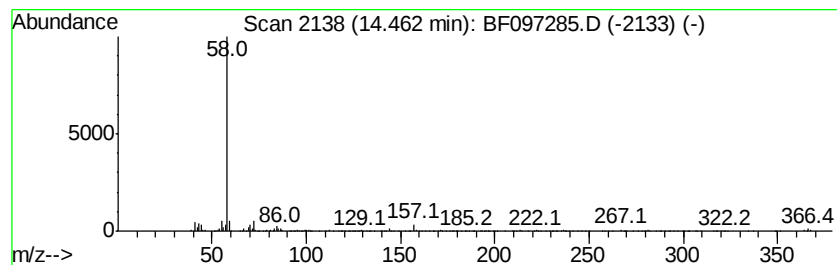
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 2-Butanone, 4-(dimethylamin... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	37.29 ng	734457	Perylene-d12	14.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Butanone, 4-(dimethylamino)-3-...	129	C7H15NO	022104-62-7	72
2		Trifluomeprazine	366	C19H21F3N2S	002622-37-9	64
3		Benzedrex	155	C10H21N	000101-40-6	64
4		N,N-Dimethyloctylamine	157	C10H23N	007378-99-6	64
5		3(N,N-Dimethylmyristylammonio)pr...	363	C19H41N03S	014933-09-6	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080217\
 Data File : BF097285.D
 Acq On : 2 Aug 2017 20:43
 Operator : SJ/JU
 Sample : I4543-07 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-073117-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.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
Oxalic acid, isob...	6.30	27.1 ng		1163090	1	6.45	860115	20.0
unknown6.60	6.60	17.4 ng		746527	1	6.45	860115	20.0
Decane, 3-methyl-	6.86	15.4 ng		660938	1	6.45	860115	20.0
Undecane	7.07	47.4 ng		2036700	1	6.45	860115	20.0
Hexadecane	8.35	11.9 ng		1547640	2	7.73	2609030	20.0
Tridecane, 6-methyl-	8.91	22.4 ng		1117570	3	9.47	998960	20.0
Sulfurous acid, b...	9.23	10.7 ng		536584	3	9.47	998960	20.0
Eicosane	10.40	16.4 ng		598294	4	10.95	728823	20.0
Hexadecanoic acid...	11.38	121.3 ng		4421340	4	10.95	728823	20.0
9,12-Octadecadien...	12.07	278.2 ng		10138000	4	10.95	728823	20.0
13-Octadecenoic a...	12.09	161.4 ng		5881940	4	10.95	728823	20.0
Methyl stearate	12.16	57.2 ng		2085760	4	10.95	728823	20.0
9,12-Octadecadien...	12.20	20.9 ng		761382	4	10.95	728823	20.0
trans-13-Octadece...	12.23	38.0 ng		1384720	4	10.95	728823	20.0
9-Octadecenoic ac...	12.80	13.8 ng		406217	5	13.57	590486	20.0
unknown12.90	12.90	10.9 ng		323413	5	13.57	590486	20.0
1-Methylbicyclo[3...	12.94	10.5 ng		310521	5	13.57	590486	20.0
1,5-Dichloro-9-an...	14.06	14.4 ng		424970	5	13.57	590486	20.0
2-Butanone, 4-(di...	14.46	37.3 ng		734457	6	14.92	393918	20.0