

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080417\
 Data File : BF097364.D
 Acq On : 4 Aug 2017 19:10
 Operator : SJ/JU
 Sample : I4573-02
 Misc :
 ALS Vial : 14 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-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	1.846	4	10	21	rBV	1239649	1549834	4.76%	0.350%
2	4.569	469	473	489	rVB	667819	834888	2.56%	0.189%
3	6.433	787	790	795	rBV	705418	686801	2.11%	0.155%
4	6.551	801	810	813	rBV	4638886	8459570	25.97%	1.910%
5	6.592	813	817	820	rVV	2145929	2302693	7.07%	0.520%
6	7.010	884	888	893	rVV	1758582	2081306	6.39%	0.470%
7	7.063	893	897	910	rVB2	2365079	2624994	8.06%	0.593%
8	7.275	926	933	943	rVB2	326170	692117	2.12%	0.156%
9	7.551	972	980	985	rBV2	1641066	2771020	8.51%	0.626%
10	7.733	1006	1011	1013	rBV2	2805258	3289288	10.10%	0.743%
11	7.798	1013	1022	1024	rBV	1737700	2276819	6.99%	0.514%
12	7.857	1030	1032	1034	rVB	2124776	1480271	4.54%	0.334%
13	8.045	1060	1064	1069	rBV2	550720	856245	2.63%	0.193%
14	8.122	1074	1077	1080	rBV	600161	575780	1.77%	0.130%
15	8.186	1086	1088	1098	rVB2	600655	791303	2.43%	0.179%
16	8.286	1099	1105	1106	rBV	560489	592838	1.82%	0.134%
17	8.345	1109	1115	1117	rVB	4825817	5876242	18.04%	1.327%
18	8.769	1182	1187	1190	rBV	1767623	2592900	7.96%	0.585%
19	8.798	1190	1192	1195	rVB	2566572	2310850	7.09%	0.522%
20	8.904	1203	1210	1212	rBV	4410539	5027702	15.43%	1.135%
21	8.939	1212	1216	1219	rBV	1923998	3021802	9.28%	0.682%
22	8.980	1219	1223	1230	rVB3	3050214	5010291	15.38%	1.131%
23	9.069	1233	1238	1240	rBV	2037734	2900611	8.90%	0.655%
24	9.104	1240	1244	1251	rVB	4013644	6669941	20.47%	1.506%
25	9.157	1251	1253	1258	rVB	717460	722787	2.22%	0.163%
26	9.363	1269	1288	1290	rBV2	6552775	27407234	84.13%	6.188%
27	9.433	1293	1300	1302	rBV	2434922	2560769	7.86%	0.578%
28	9.510	1309	1313	1316	rVB	2504738	2776133	8.52%	0.627%
29	9.545	1316	1319	1322	rVB	2205154	1940980	5.96%	0.438%
30	9.592	1322	1327	1330	rBV	2161496	3217903	9.88%	0.727%
31	9.627	1330	1333	1339	rVB2	4491744	7103173	21.80%	1.604%
32	9.680	1339	1342	1345	rVB	1164550	1007761	3.09%	0.228%
33	9.745	1350	1353	1355	rBV	1160847	853637	2.62%	0.193%
34	9.869	1355	1374	1378	rBV3	6655266	32578638	100.00%	7.356%

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.016	1396	1399	1401	rBV	2665744	2279684	7.00%	0.515%
36	10.039	1401	1403	1406	rVB	1489554	1322165	4.06%	0.299%
37	10.098	1410	1413	1415	rBV2	1342925	1528791	4.69%	0.345%
38	10.127	1415	1418	1423	rVB2	3589657	5151290	15.81%	1.163%
39	10.169	1423	1425	1432	rVB2	1135820	1468317	4.51%	0.332%
40	10.239	1432	1437	1439	rBV	1000378	1047415	3.22%	0.236%
41	10.280	1439	1444	1445	rBV2	1306363	1339795	4.11%	0.303%
42	10.345	1445	1455	1458	rVB	5491821	14851817	45.59%	3.353%
43	10.386	1459	1462	1463	rBV	1013156	1053494	3.23%	0.238%
44	10.421	1466	1468	1471	rBV	726530	740888	2.27%	0.167%
45	10.486	1476	1479	1482	rVV	1580590	1970212	6.05%	0.445%
46	10.527	1482	1486	1487	rVV	3487961	4596192	14.11%	1.038%
47	10.557	1488	1491	1493	rVV	5103136	7890731	24.22%	1.782%
48	10.580	1493	1495	1506	rVB2	4902886	8312418	25.51%	1.877%
49	10.692	1511	1514	1517	rBV	523451	756157	2.32%	0.171%
50	10.792	1523	1531	1538	rBV	5641648	13215042	40.56%	2.984%
51	10.851	1539	1541	1547	rVB	591689	605512	1.86%	0.137%
52	10.933	1552	1555	1556	rVV	972566	863161	2.65%	0.195%
53	11.168	1591	1595	1598	rVV3	338852	592090	1.82%	0.134%
54	11.204	1598	1601	1607	rVV2	593753	1017466	3.12%	0.230%
55	11.257	1607	1610	1618	rVB2	626115	832970	2.56%	0.188%
56	11.357	1623	1627	1630	rVB2	649131	688837	2.11%	0.156%
57	11.421	1634	1638	1641	rBV	1811626	1887955	5.80%	0.426%
58	11.515	1647	1654	1655	rBV5	400417	799813	2.46%	0.181%
59	11.539	1655	1658	1662	rVV	796858	1009363	3.10%	0.228%
60	11.751	1689	1694	1698	rBV	3341577	4894813	15.02%	1.105%
61	11.963	1724	1730	1735	rBV2	2328782	5488935	16.85%	1.239%
62	12.010	1735	1738	1744	rVV4	1319695	2670964	8.20%	0.603%
63	12.227	1771	1775	1779	rVB	1740398	2327998	7.15%	0.526%
64	12.298	1780	1787	1801	rVV5	2206042	10907030	33.48%	2.463%
65	12.551	1814	1830	1831	rBV4	5550600	23335879	71.63%	5.269%
66	12.627	1838	1843	1848	rVB	3374572	5592606	17.17%	1.263%
67	12.680	1848	1852	1854	rVV	2150885	2729148	8.38%	0.616%
68	12.710	1854	1857	1861	rVB	1913594	2427583	7.45%	0.548%
69	12.751	1861	1864	1877	rVB2	1811485	3762418	11.55%	0.850%
70	12.939	1877	1896	1899	rBV2	6337229	30248315	92.85%	6.830%
71	12.992	1900	1905	1906	rBV	3847495	4731799	14.52%	1.068%

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Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
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72	13.027	1906	1911	1913	rVV3	2055753	3473836	10.66%	0.784%
73	13.051	1913	1915	1919	rVB2	2144480	2084341	6.40%	0.471%
74	13.098	1920	1923	1925	rVV2	1143521	1201596	3.69%	0.271%
75	13.151	1925	1932	1938	rVB	2175189	7160577	21.98%	1.617%
76	13.280	1938	1954	1958	rBV	6292398	27304487	83.81%	6.165%
77	13.333	1958	1963	1970	rVB	4040440	6665492	20.46%	1.505%
78	13.462	1980	1985	1993	rVB	1947179	4305340	13.22%	0.972%
79	13.609	1994	2010	2016	rBV	6583746	26032875	79.91%	5.878%
80	13.668	2016	2020	2025	rVB	1622610	1606332	4.93%	0.363%
81	13.709	2025	2027	2031	rVB	751376	717476	2.20%	0.162%
82	13.815	2042	2045	2048	rVB	774070	721557	2.21%	0.163%
83	13.868	2048	2054	2057	rBV	1150961	1537330	4.72%	0.347%
84	13.962	2066	2070	2073	rBV	1674967	1733721	5.32%	0.391%
85	14.057	2082	2086	2091	rBV	1977952	2300000	7.06%	0.519%
86	14.115	2091	2096	2100	rBV	1147081	1673688	5.14%	0.378%
87	14.209	2108	2112	2116	rBV2	718175	1088103	3.34%	0.246%
88	14.256	2116	2120	2126	rVV	1530667	1741197	5.34%	0.393%
89	14.327	2129	2132	2138	rVB3	553866	732477	2.25%	0.165%
90	14.398	2141	2144	2149	rVB	612649	635115	1.95%	0.143%
91	14.539	2165	2168	2171	rVV	1328986	1244156	3.82%	0.281%
92	14.633	2179	2184	2185	rVV3	621941	958866	2.94%	0.217%
93	14.656	2185	2188	2197	rVB	1714095	2582428	7.93%	0.583%
94	14.862	2220	2223	2227	rVB	707750	831517	2.55%	0.188%
95	15.145	2266	2271	2277	rVV2	411948	927498	2.85%	0.209%
96	15.556	2336	2341	2350	rVB3	866644	2079523	6.38%	0.470%
97	15.939	2393	2406	2429	rVB7	468642	2759202	8.47%	0.623%
98	17.033	2580	2592	2597	rBV3	844953	2779858	8.53%	0.628%
99	17.109	2598	2605	2622	rVB	1266585	5447283	16.72%	1.230%
100	17.809	2707	2724	2744	rVB2	2443009	10172035	31.22%	2.297%

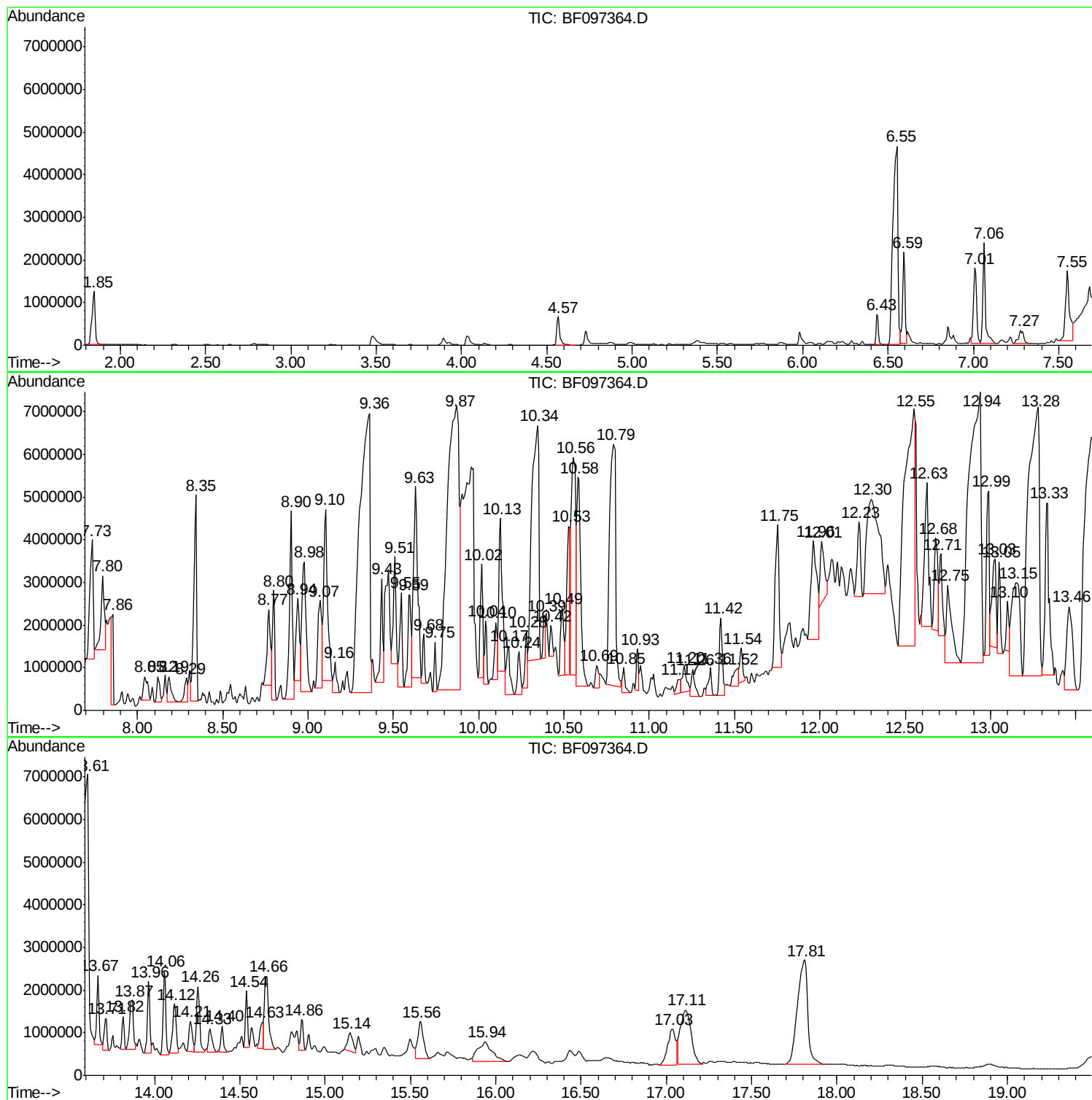
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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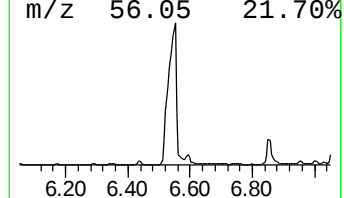
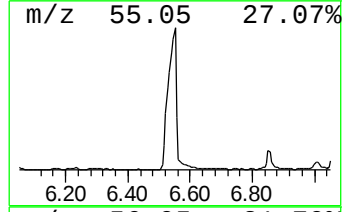
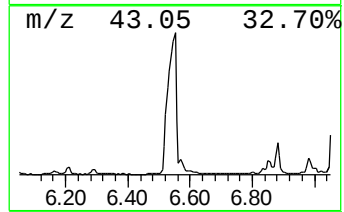
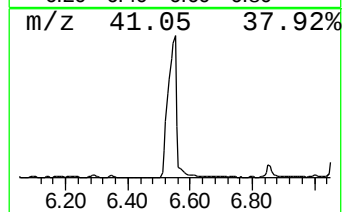
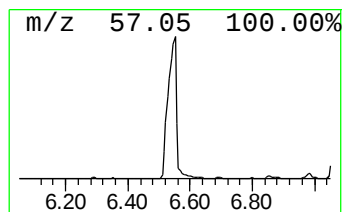
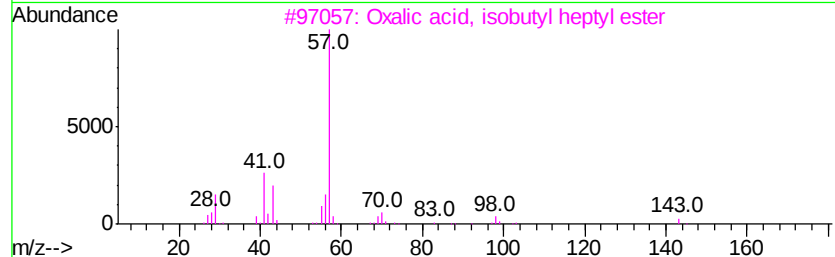
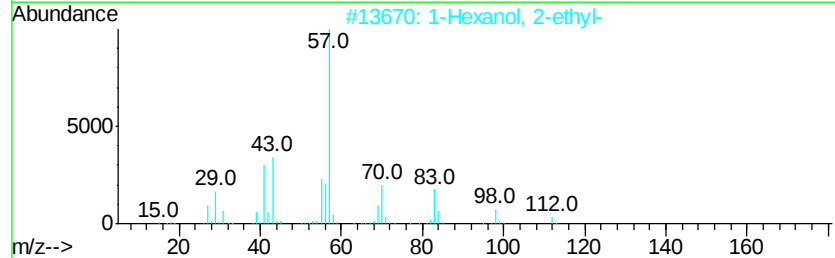
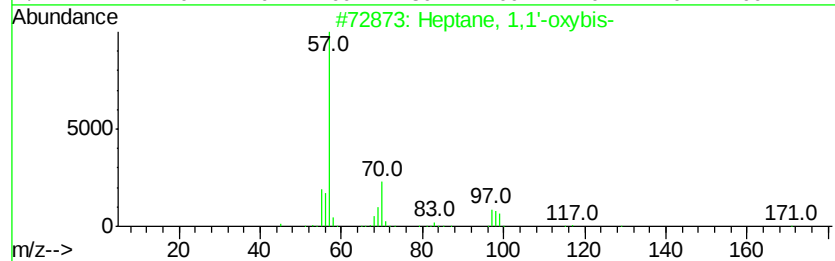
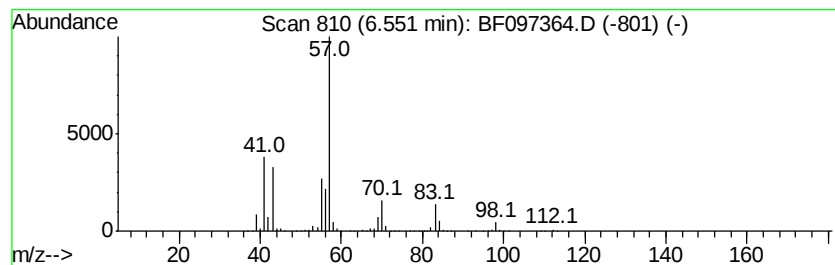
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Heptane, 1,1'-oxybis- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.55	246.35 ng	8459570	1,4-Dichlorobenzene-d4	6.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	64
2		1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	53
3		Oxalic acid, isobutyl heptyl ester	244	C13H24O4	1000309-37-2	53
4		Heptyl isobutyl carbonate	216	C12H24O3	959068-08-7	45
5		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	45



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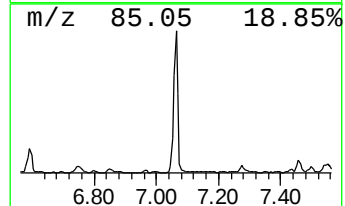
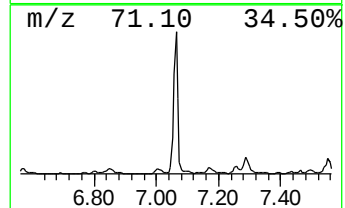
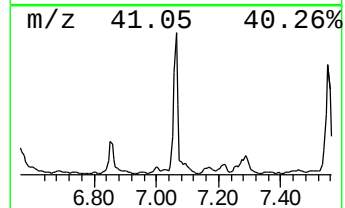
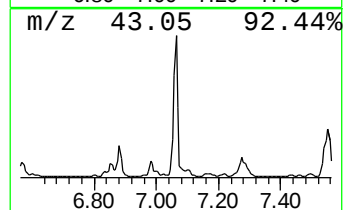
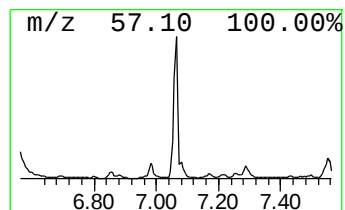
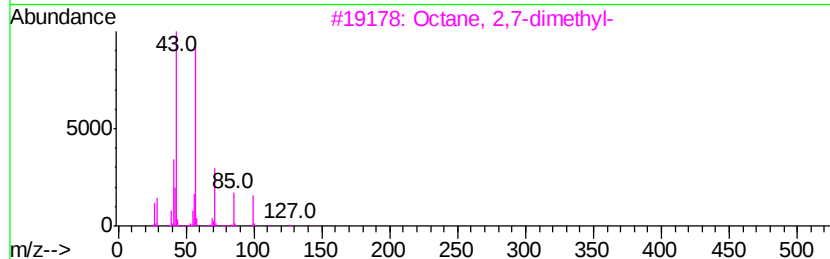
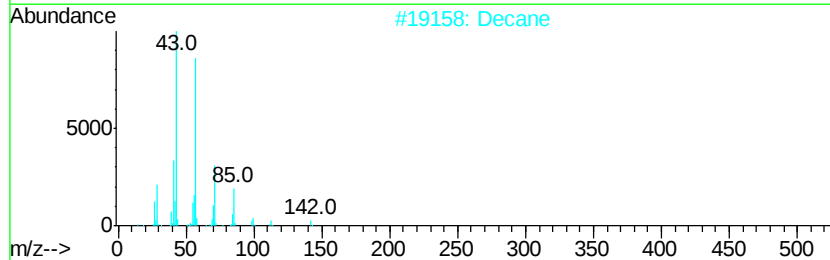
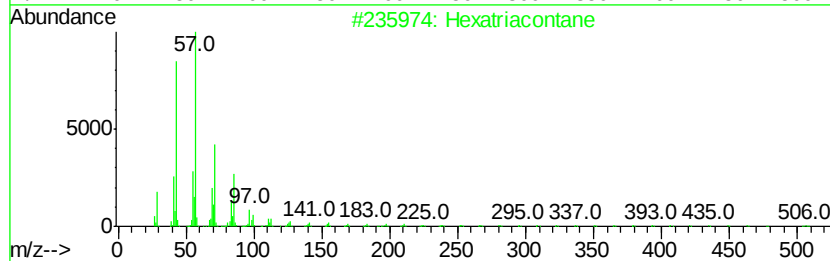
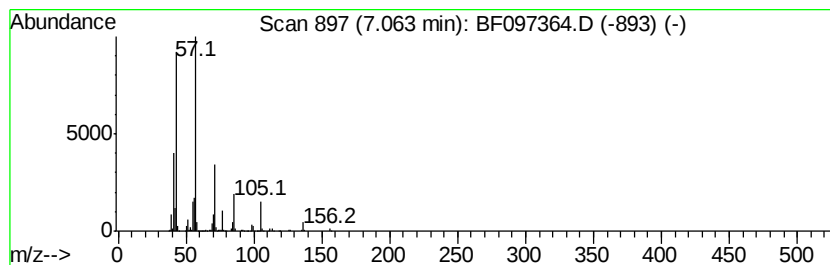
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Hexatriacontane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.06	76.44 ng	2624990	1,4-Dichlorobenzene-d4	6.43

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexatriacontane		507	C36H74	000630-06-8	59
2	Decane		142	C10H22	000124-18-5	59
3	Octane, 2,7-dimethyl-		142	C10H22	001072-16-8	53
4	Octane, 3-ethyl-2,7-dimethyl-		170	C12H26	062183-55-5	50
5	Undecane, 4,7-dimethyl-		184	C13H28	017301-32-5	50



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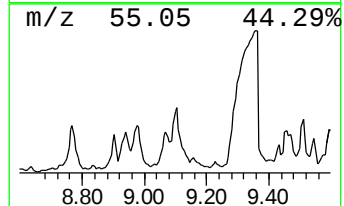
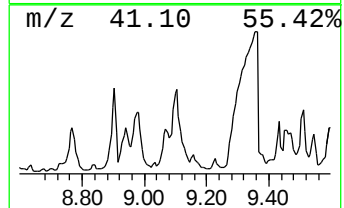
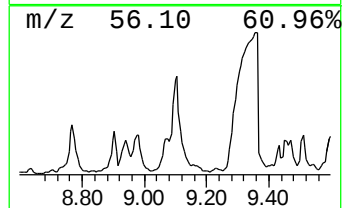
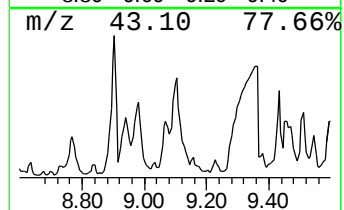
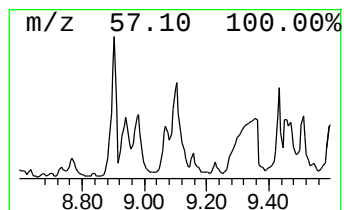
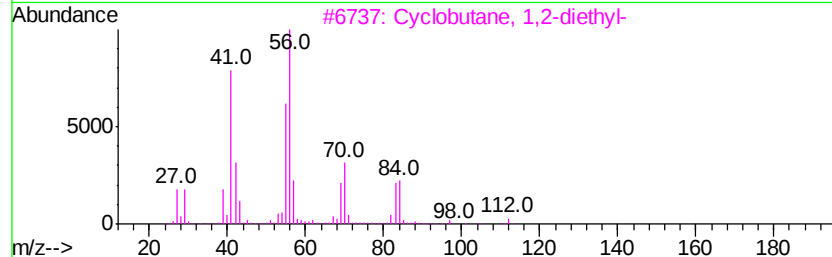
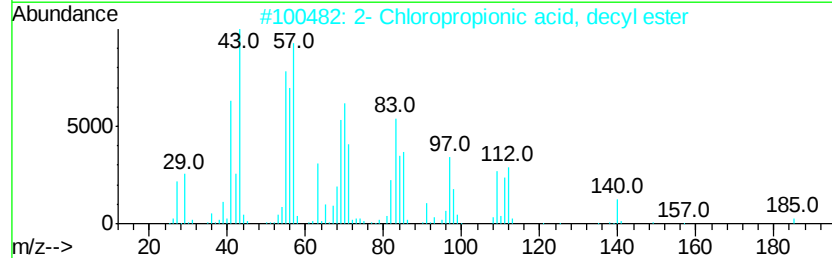
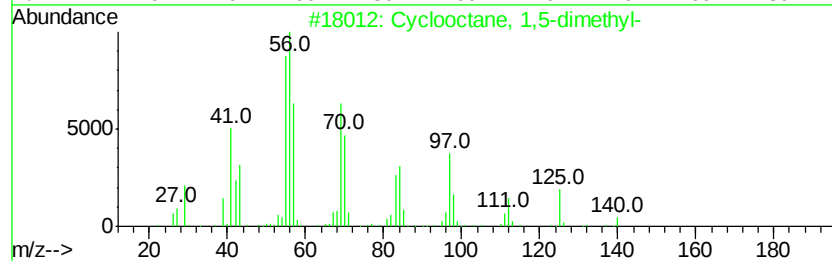
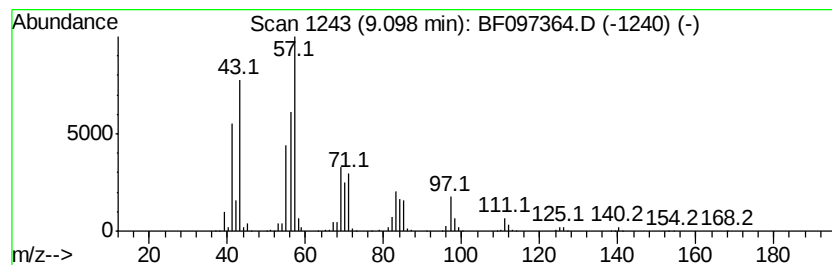
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Cyclooctane, 1,5-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.10	52.09 ng	6669940	Acenaphthene-d10	9.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclooctane, 1,5-dimethyl-	140	C10H20	021328-57-4	53
2		2- Chloropropionic acid, decyl e...	248	C13H25ClO2	086711-78-6	53
3		Cyclobutane, 1,2-diethyl-	112	C8H16	061141-83-1	52
4		Oxalic acid, allyl pentadecyl ester	340	C20H36O4	1000309-24-3	47
5		1-Dodecene	168	C12H24	000112-41-4	47



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Data File : BF097364.D
Acq On : 4 Aug 2017 19:10
Operator : SJ/JU
Sample : I4573-02
Misc :
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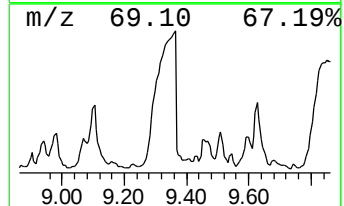
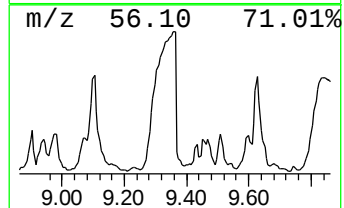
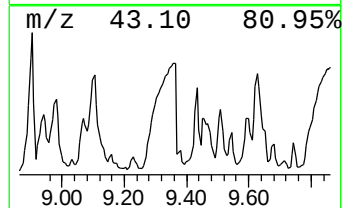
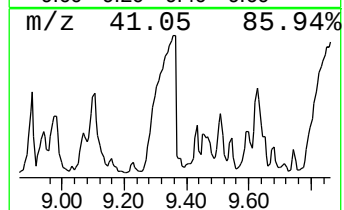
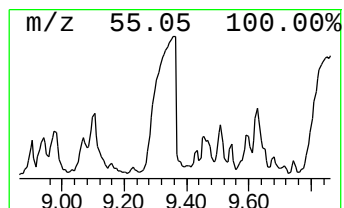
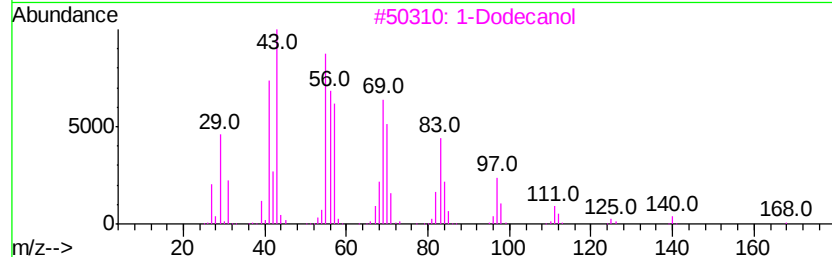
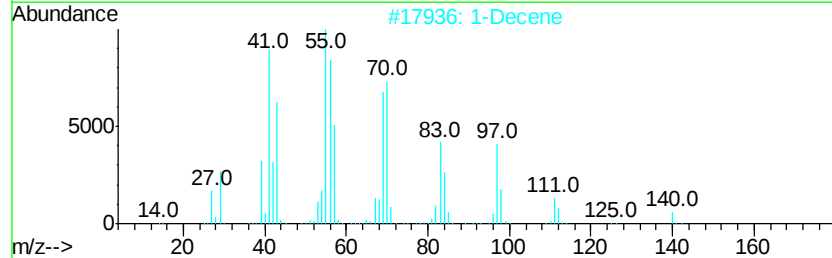
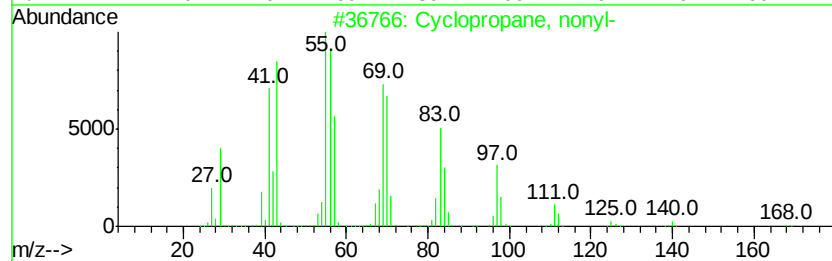
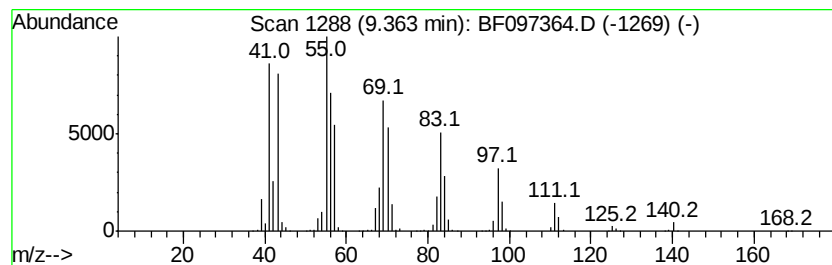
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Cyclopropane, nonyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.36	214.06 ng	27407200	Acenaphthene-d10	9.47

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopropane, nonyl-	168	C12H24	074663-85-7	97
2		1-Decene	140	C10H20	000872-05-9	95
3		1-Dodecanol	186	C12H26O	000112-53-8	91
4		Cyclodecane	140	C10H20	000293-96-9	91
5		Cyclooctane, 1,2-dimethyl-	140	C10H20	013151-94-5	90



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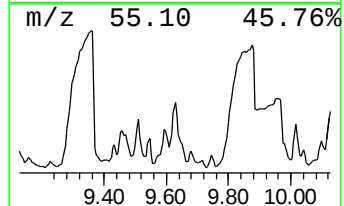
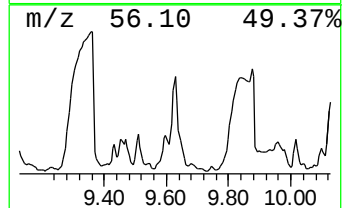
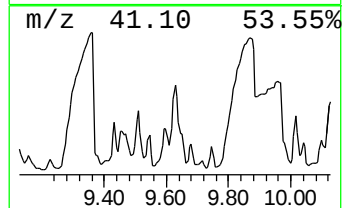
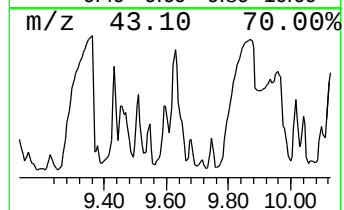
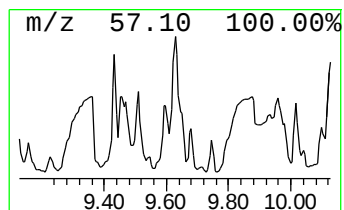
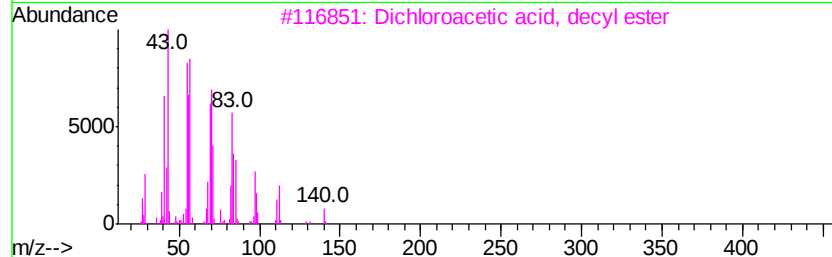
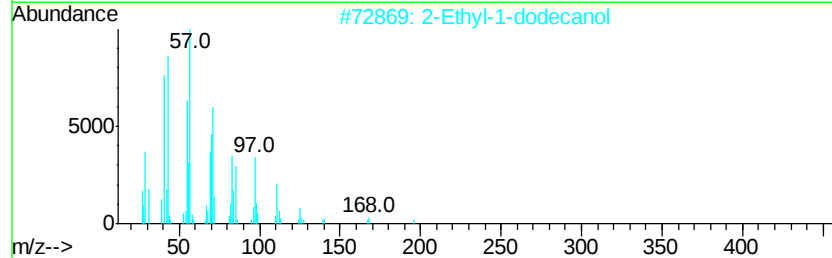
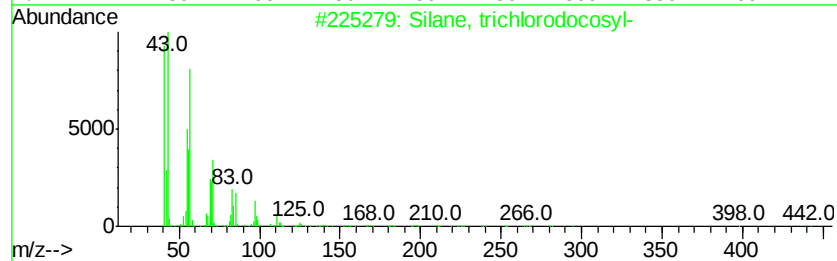
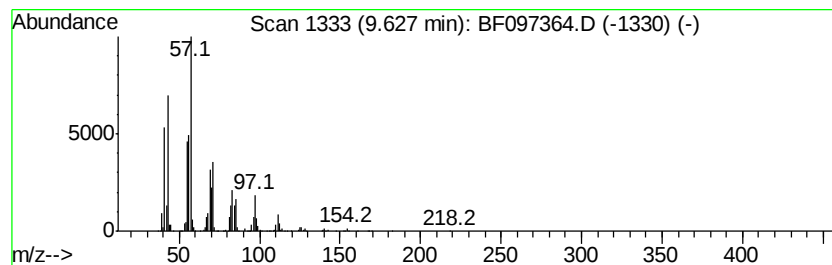
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Silane, trichlorodocosyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.63	55.48 ng	7103170	Acenaphthene-d10	9.47

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Silane, trichlorodocosyl-	442	C22H45Cl3Si	007325-84-0	90
2		2-Ethyl-1-dodecanol	214	C14H30O	019780-33-7	53
3		Dichloroacetic acid, decyl ester	268	C12H22Cl2O2	083005-00-9	50
4		Oxalic acid, allyl hexadecyl ester	354	C21H38O4	1000309-24-4	49
5		Octadecane, 1-(ethenyloxy)-	296	C20H40O	000930-02-9	49



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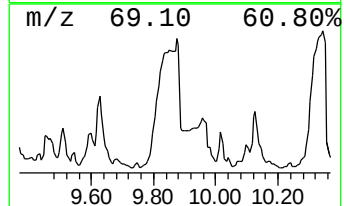
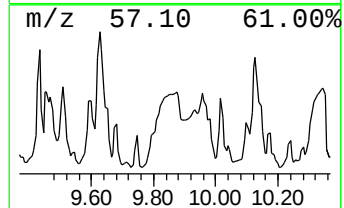
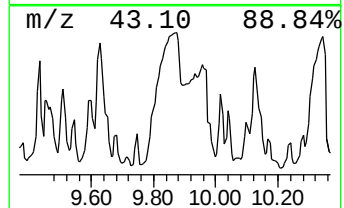
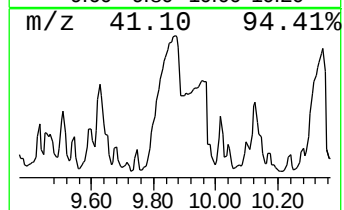
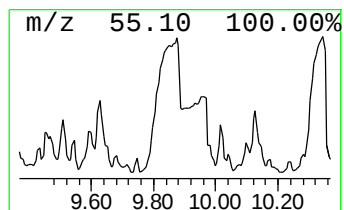
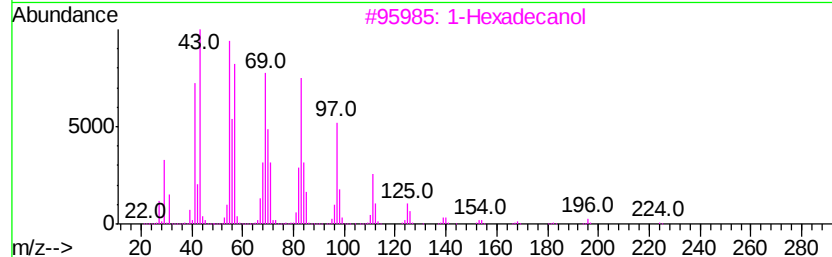
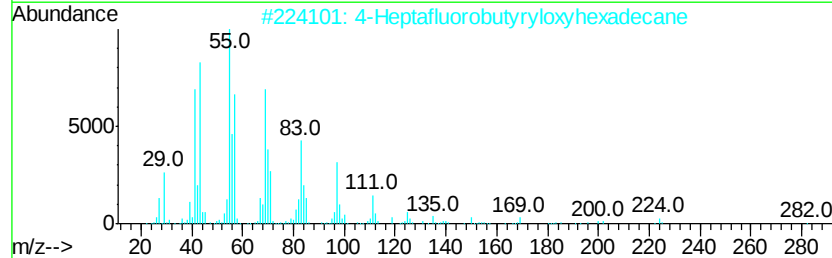
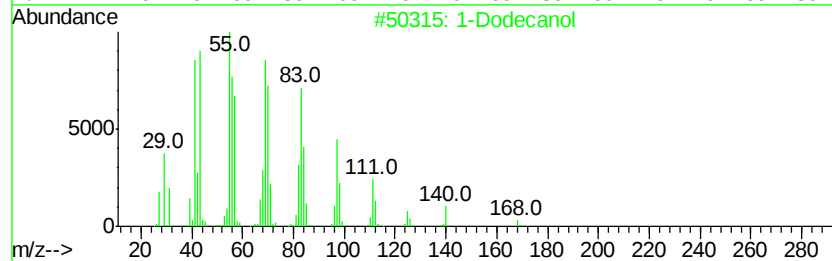
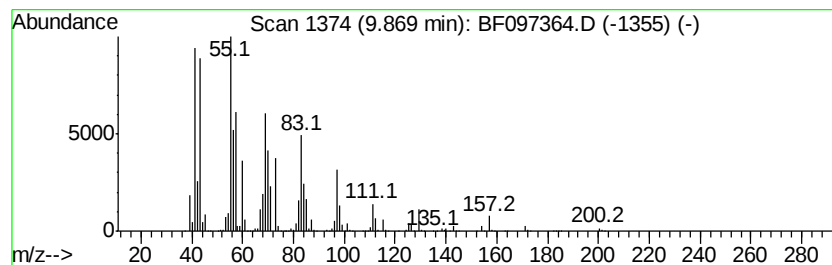
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 1-Dodecanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.87	254.44 ng	32578600	Acenaphthene-d10	9.47

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Dodecanol		186	C12H26O	000112-53-8	76
2	4-Heptafluorobutyryloxyhexadecane		438	C20H33F7O2	1000282-97-2	76
3	1-Hexadecanol		242	C16H34O	036653-82-4	76
4	6-Tridecene, (Z)-		182	C13H26	006508-77-6	68
5	Pentafluoropropionic acid, undec...		318	C14H23F5O2	959014-11-0	68



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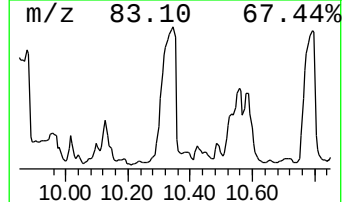
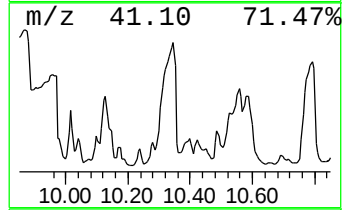
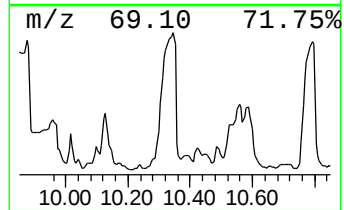
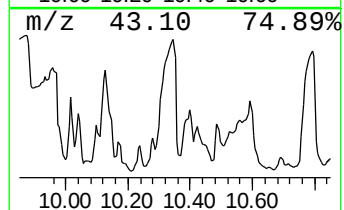
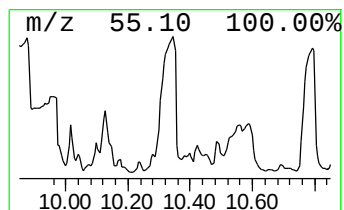
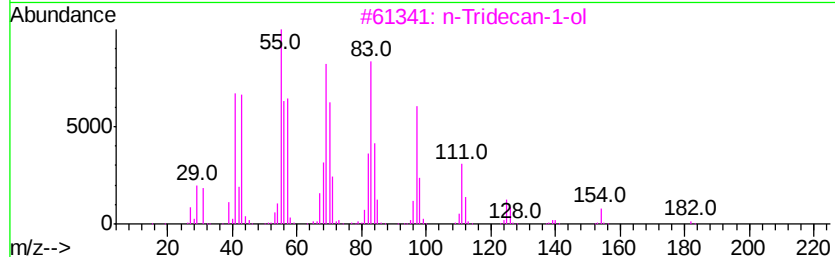
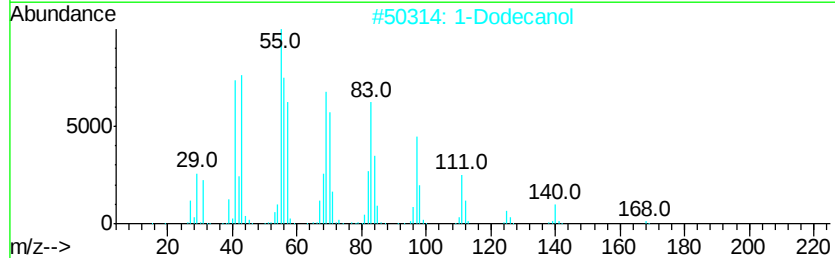
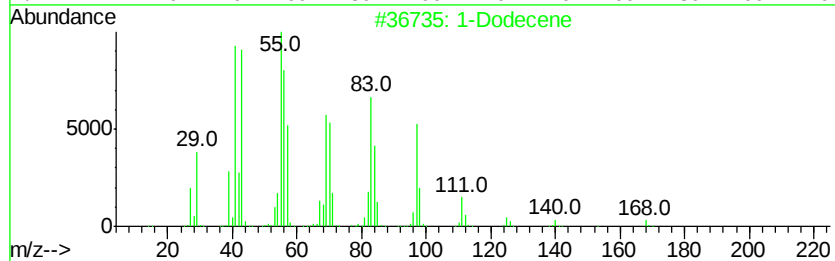
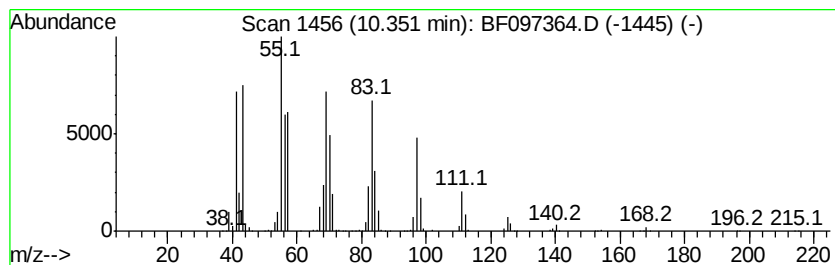
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1-Dodecene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.35	344.13 ng	14851800	Phenanthrene-d10	10.95
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Dodecene	168 C12H24	000112-41-4	96
2	1-Dodecanol	186 C12H26O	000112-53-8	91
3	n-Tridecan-1-ol	200 C13H28O	000112-70-9	91
4	1-Tetradecanol	214 C14H30O	000112-72-1	90
5	1-Undecanol	172 C11H24O	000112-42-5	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF080417\
Data File : BF097364.D
Acq On : 4 Aug 2017 19:10
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Sample : I4573-02
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ClientSampleId :
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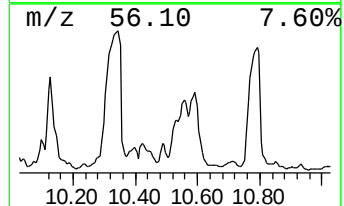
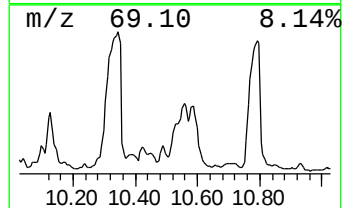
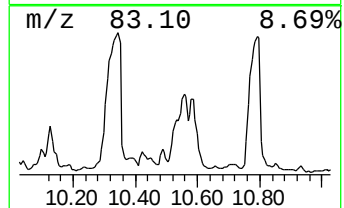
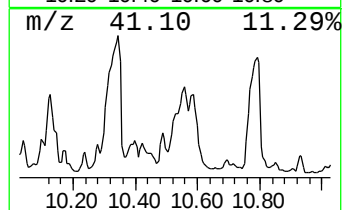
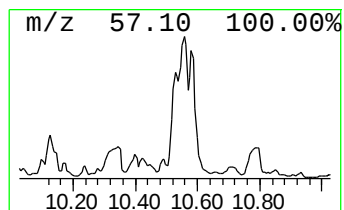
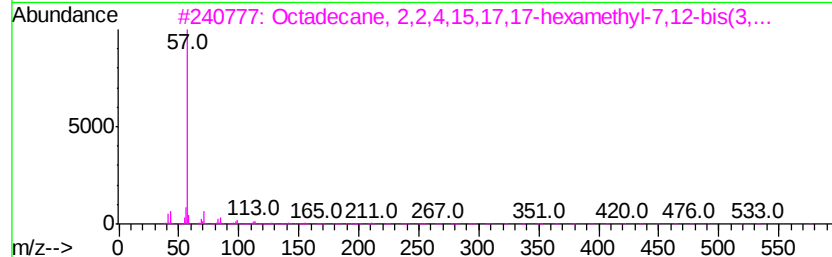
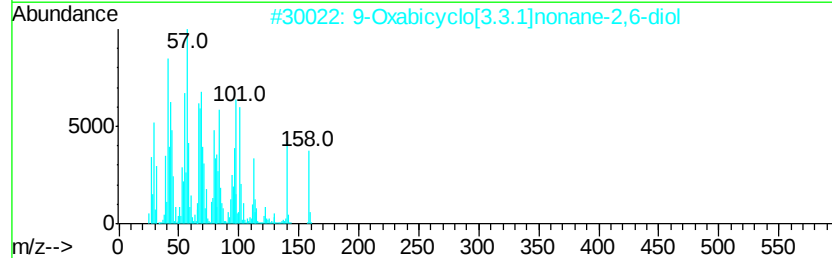
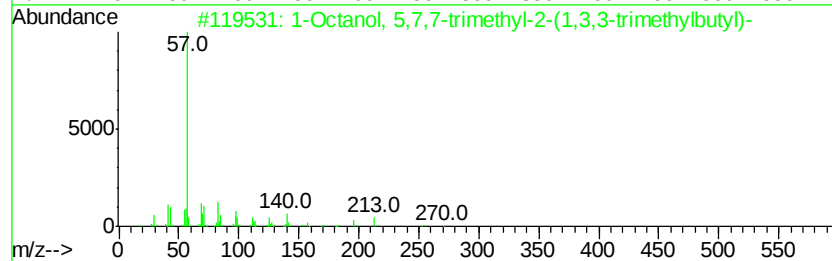
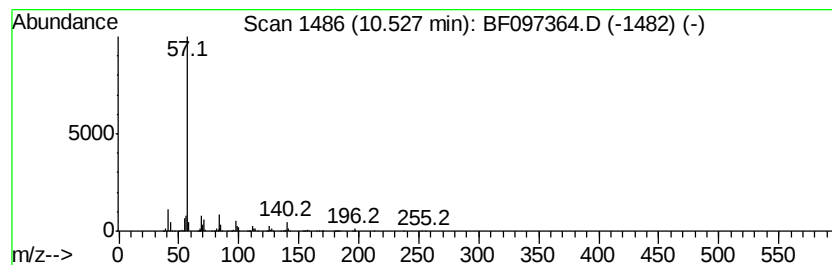
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1-Octanol, 5,7,7-trimethyl-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.53	106.50 ng	4596190	Phenanthrene-d10	10.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Octanol, 5,7,7-trimethyl-2-(1,...	270	C18H38O	036400-98-3	59
2		9-Oxabicyclo[3.3.1]nonane-2,6-diol	158	C8H14O3	015458-61-4	43
3		Octadecane, 2,2,4,15,17,17-hexam...	591	C42H86	055470-97-8	40
4		3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1000104-10-8	38
5		Hexane, 3,4-bis(1,1-dimethylethy...	254	C18H38	062850-21-9	38



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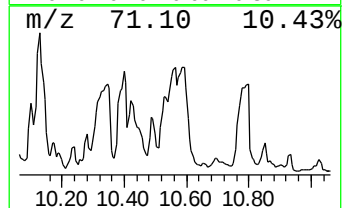
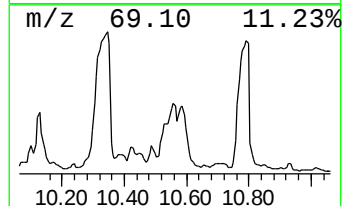
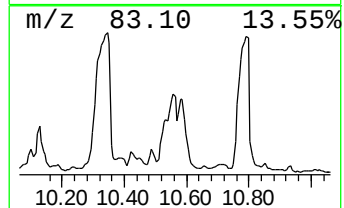
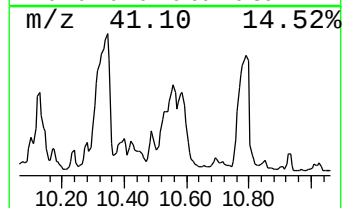
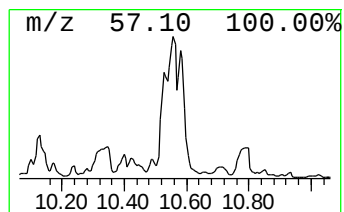
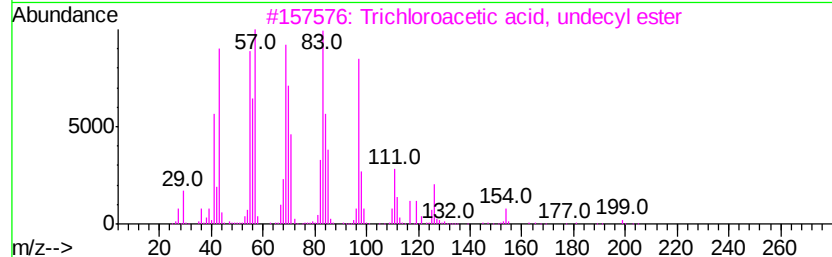
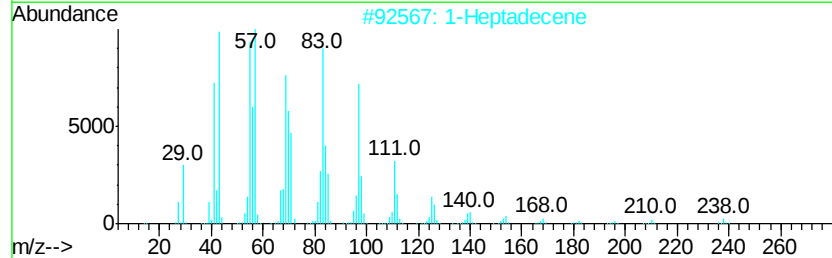
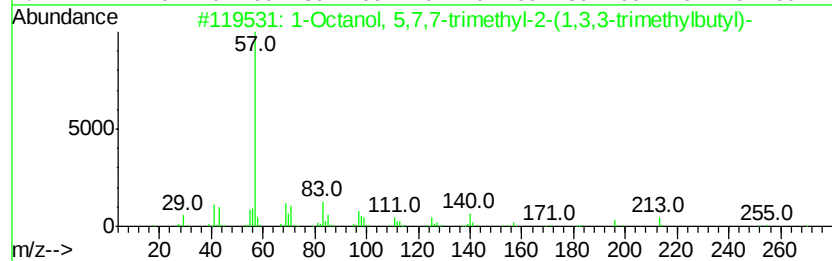
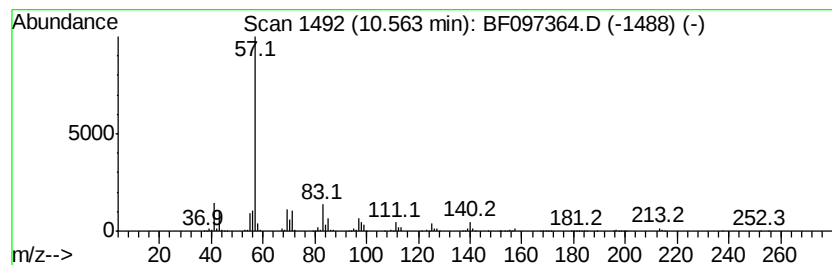
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 1-Heptadecene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.		
10.56	182.83 ng	7890730	Phenanthrene-d10	10.95		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octanol, 5,7,7-trimethyl-2-(1,...	270	C18H38O	036400-98-3	80	
2	1-Heptadecene	238	C17H34	006765-39-5	76	
3	Trichloroacetic acid, undecyl ester	316	C13H23Cl3O2	074339-49-4	59	
4	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	59	
5	Oxirane, [(dodecyloxy)methyl]-	242	C15H30O2	002461-18-9	53	



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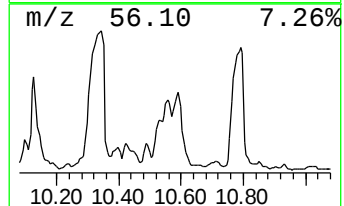
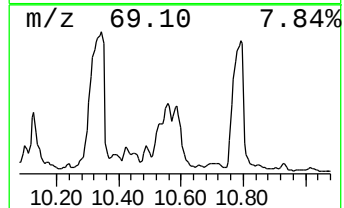
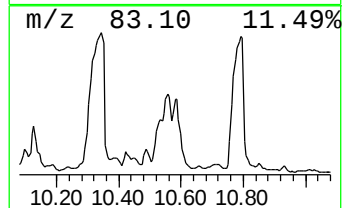
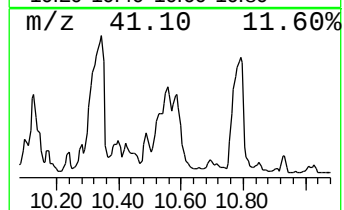
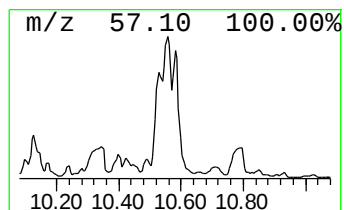
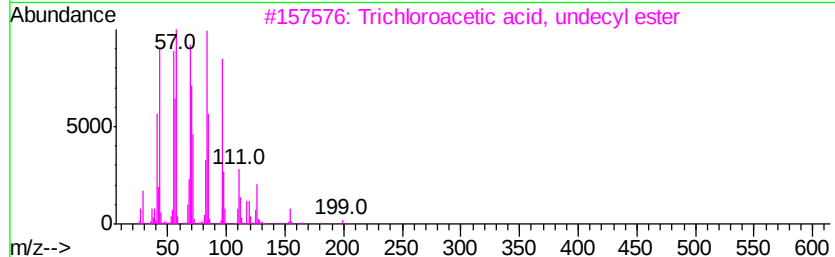
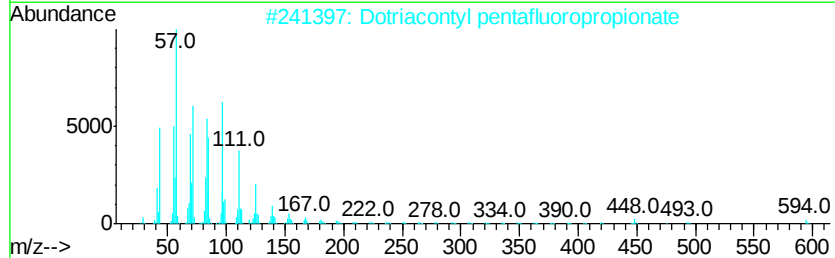
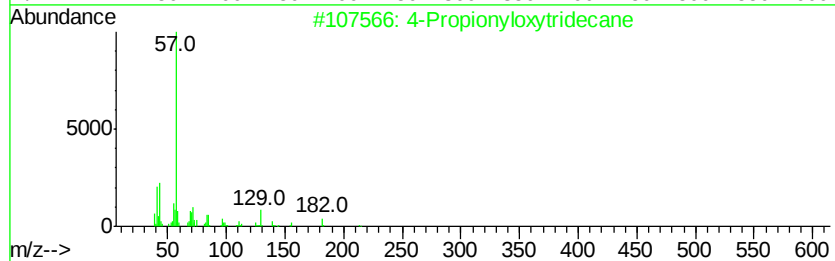
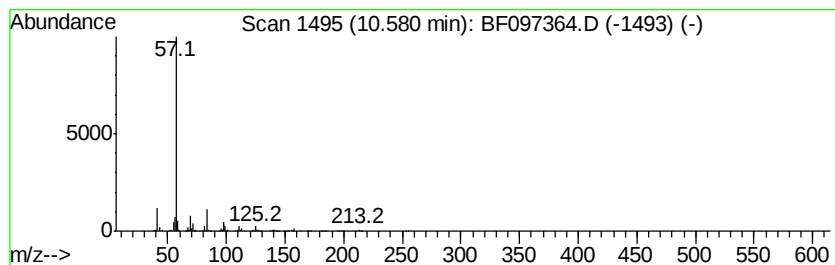
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 4-Propionyloxytridecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.		
10.58	192.60 ng	8312420	Phenanthrene-d10	10.95		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4-Propionyloxytridecane	256	C16H32O2	1000245-62-6	64
2		Dotriacontyl pentafluoropropionate	612	C35H65F5O2	1000351-81-4	47
3		Trichloroacetic acid, undecyl ester	316	C13H23Cl3O2	074339-49-4	47
4		Hexatriacontyl trifluoroacetate	619	C38H73F3O2	1000351-88-6	43
5		1-Heptadecene	238	C17H34	006765-39-5	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080417\
Data File : BF097364.D
Acq On : 4 Aug 2017 19:10
Operator : SJ/JU
Sample : I4573-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

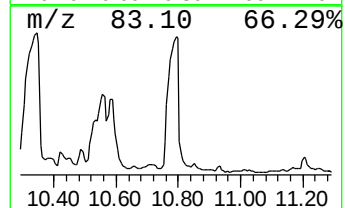
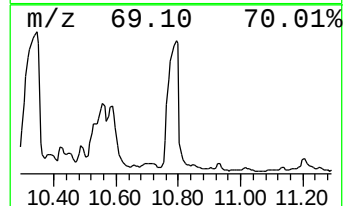
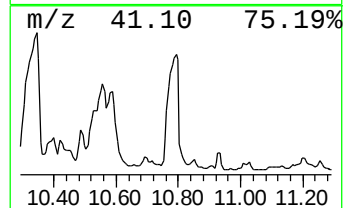
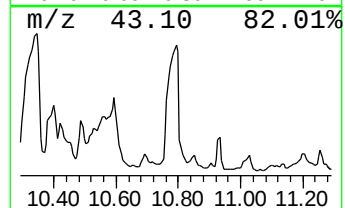
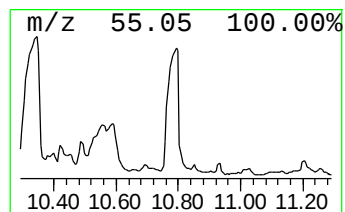
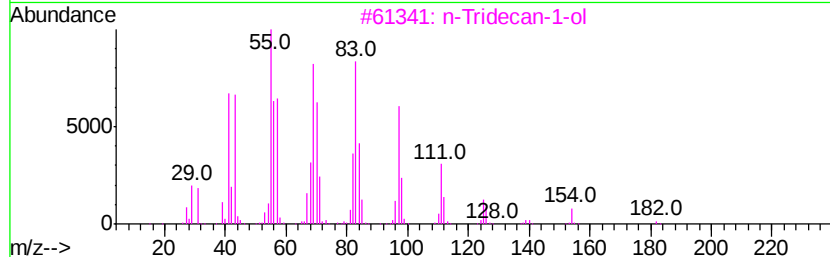
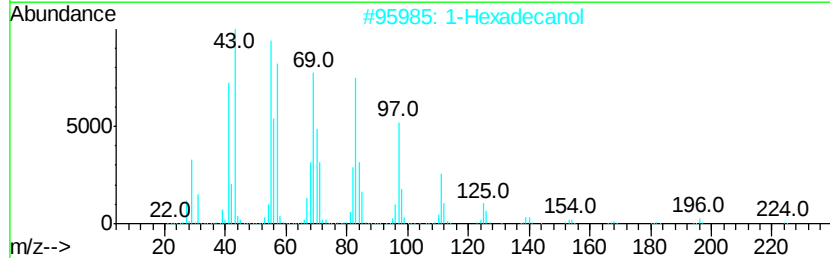
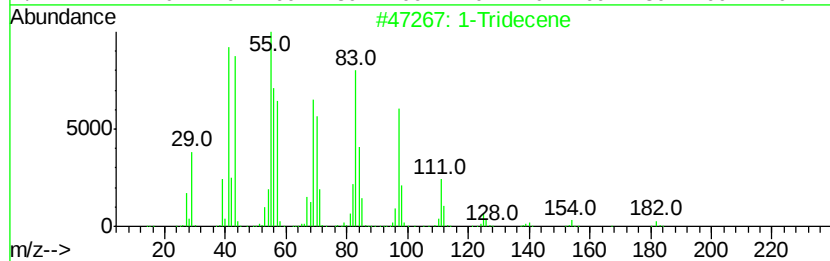
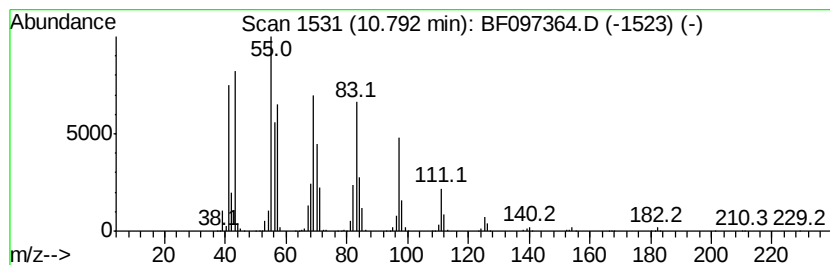
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 1-Tridecene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.79	306.20 ng	13215000	Phenanthrene-d10	10.95	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tridecene	182	C13H26	002437-56-1	95
2	1-Hexadecanol	242	C16H34O	036653-82-4	94
3	n-Tridecan-1-ol	200	C13H28O	000112-70-9	91
4	1-Tetradecanol	214	C14H30O	000112-72-1	91
5	n-Pentadecanol	228	C15H32O	000629-76-5	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF080417\
Data File : BF097364.D
Acq On : 4 Aug 2017 19:10
Operator : SJ/JU
Sample : I4573-02
Misc :
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ClientSampleId :
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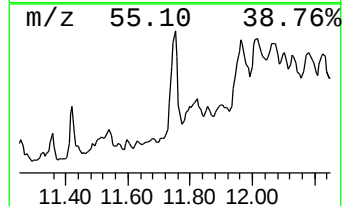
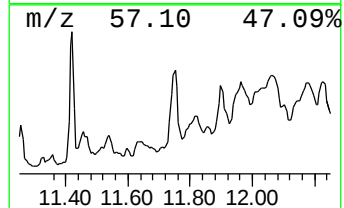
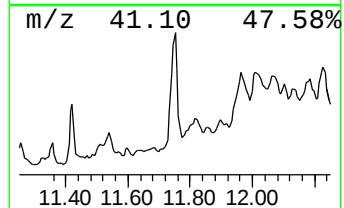
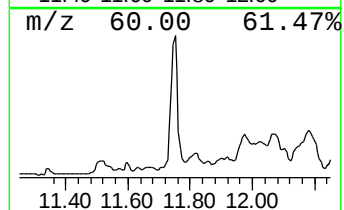
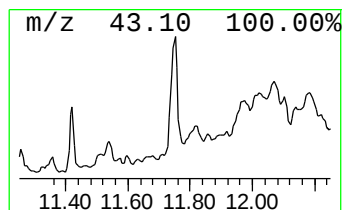
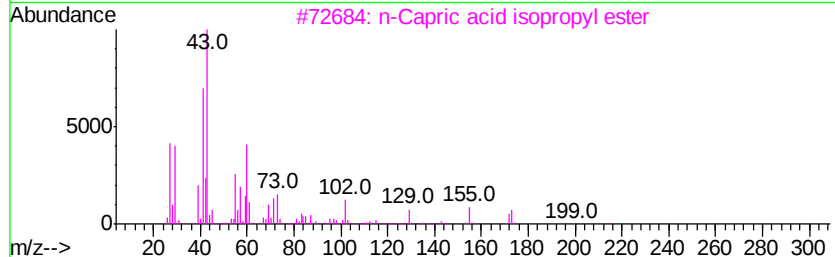
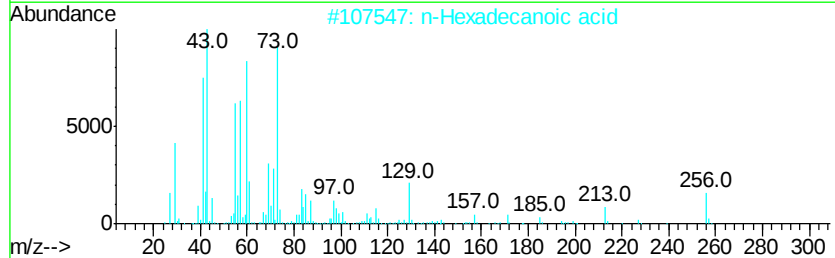
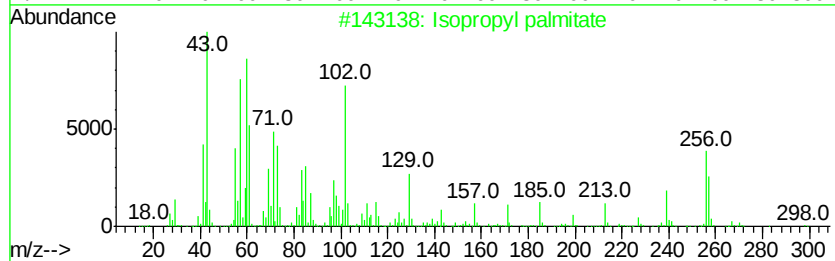
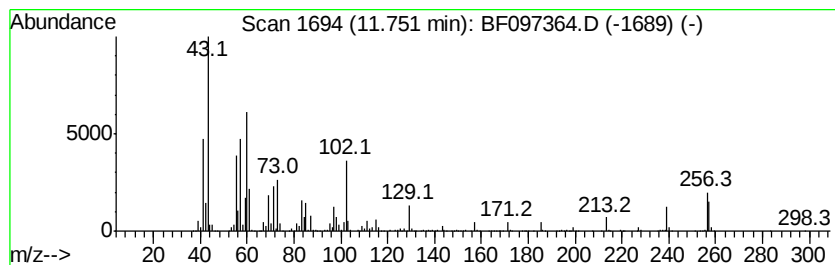
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Isopropyl palmitate Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	113.42 ng	4894810	Phenanthrene-d10	10.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Isopropyl palmitate	298	C19H38O2	000142-91-6	52
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	45
3		n-Capric acid isopropyl ester	214	C13H26O2	002311-59-3	43
4		Isopropyl myristate	270	C17H34O2	000110-27-0	43
5		Nonanoic acid, 1-methylethyl ester	200	C12H24O2	028267-32-5	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF080417\
Data File : BF097364.D
Acq On : 4 Aug 2017 19:10
Operator : SJ/JU
Sample : I4573-02
Misc :
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Instrument :
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ClientSampleId :
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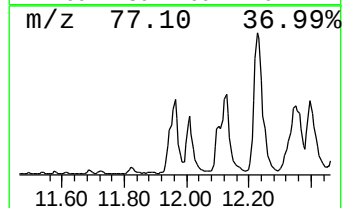
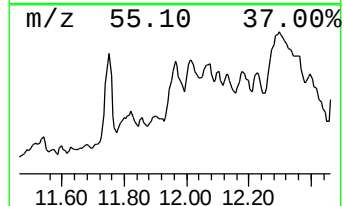
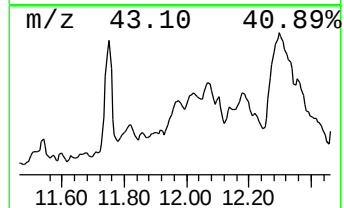
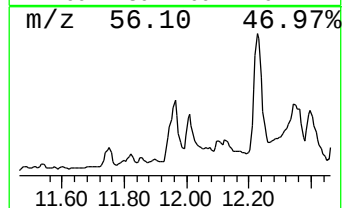
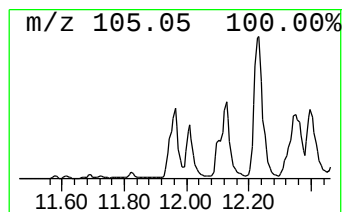
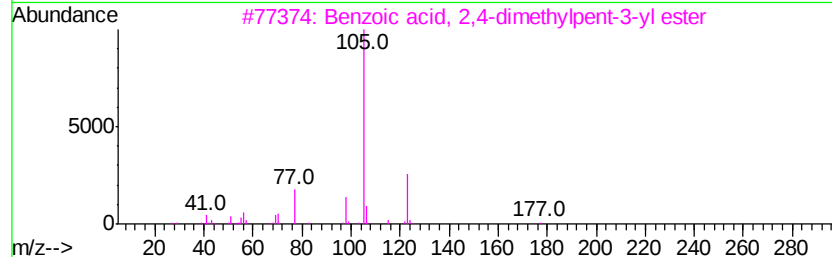
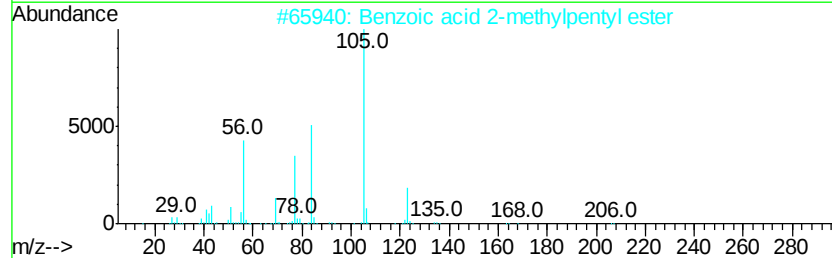
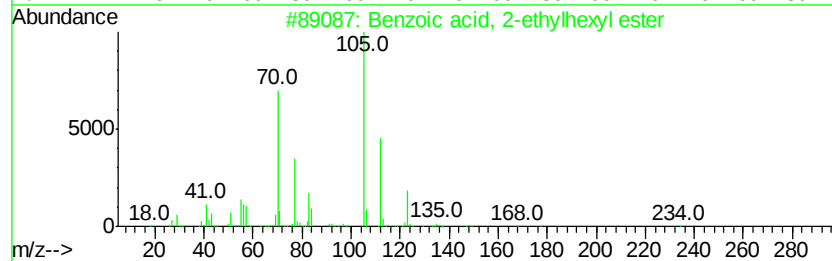
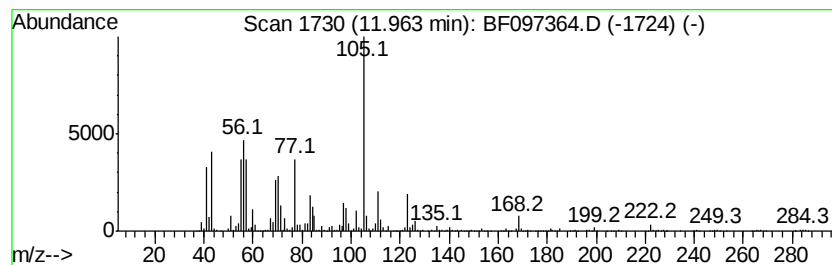
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Benzoic acid, 2-ethylhexyl ... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	127.18 ng	5488940	Phenanthrene-d10	10.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzoic acid, 2-ethylhexyl ester	234	C15H22O2	005444-75-7	50
2		Benzoic acid 2-methylpentyl ester	206	C13H18O2	059736-57-1	47
3		Benzoic acid, 2,4-dimethylpent-3-yl ester	220	C14H20O2	1000368-26-3	27
4		Malonic acid, 2-chloropropyl dod...	348	C18H33ClO4	1000349-03-4	22
5		Benzoic acid, pentyl ester	192	C12H16O2	002049-96-9	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080417\
Data File : BF097364.D
Acq On : 4 Aug 2017 19:10
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Instrument :
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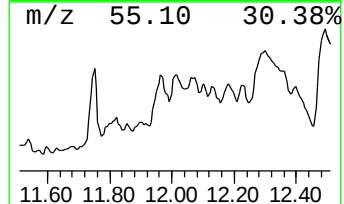
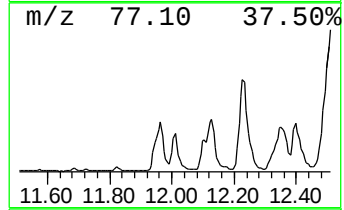
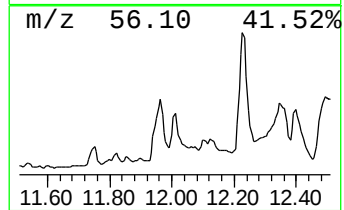
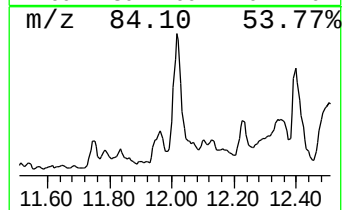
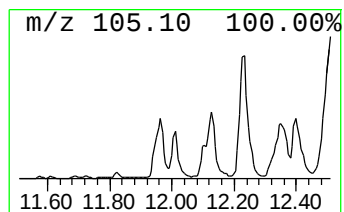
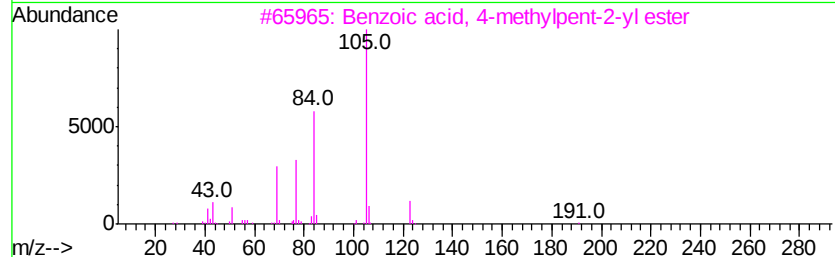
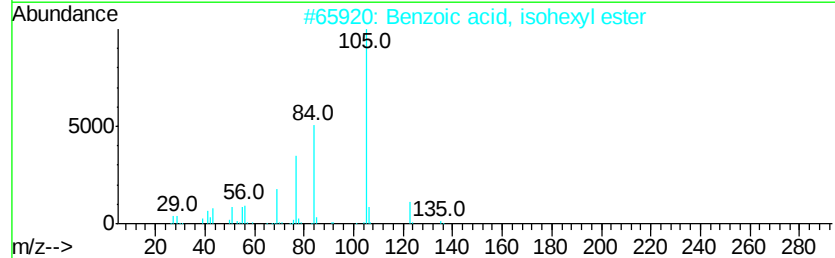
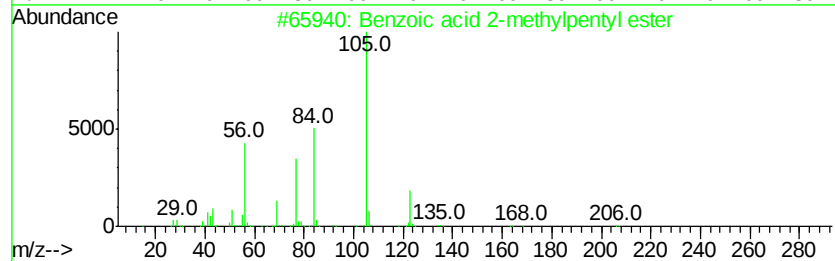
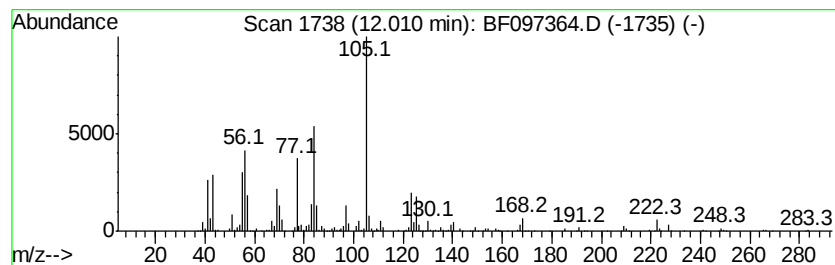
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benzoic acid 2-methylpentyl... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	61.89 ng	2670960	Phenanthrene-d10	10.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzoic acid 2-methylpentyl ester	206	C13H18O2	059736-57-1	72
2		Benzoic acid, isohexyl ester	206	C13H18O2	1000340-21-8	43
3		Benzoic acid, 4-methylpent-2-yl ...	206	C13H18O2	1000367-94-2	38
4		1-Silacyclo-3-pentene	84	C4H8Si	007049-25-4	38
5		Cyclohexane	84	C6H12	000110-82-7	35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF080417\
Data File : BF097364.D
Acq On : 4 Aug 2017 19:10
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Sample : I4573-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

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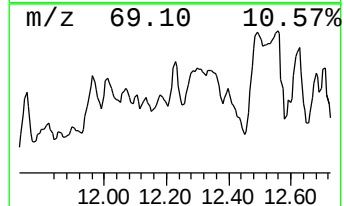
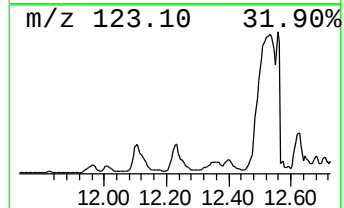
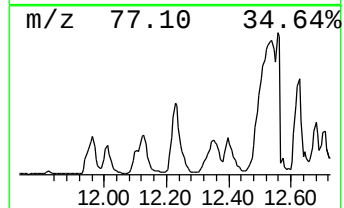
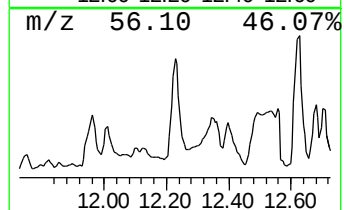
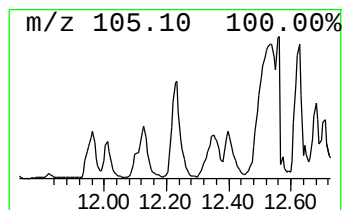
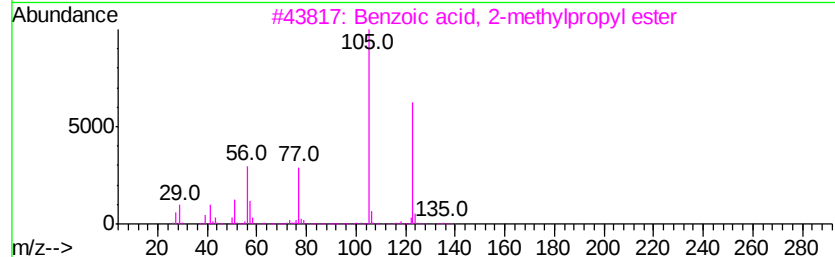
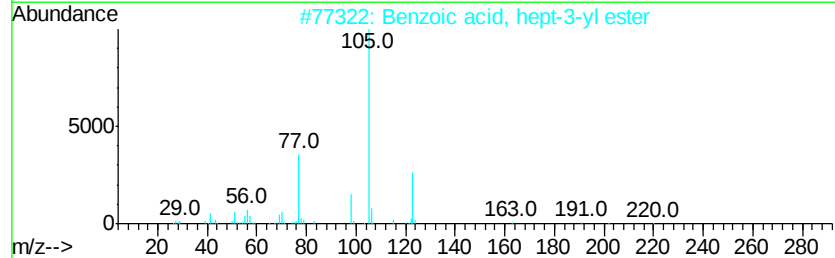
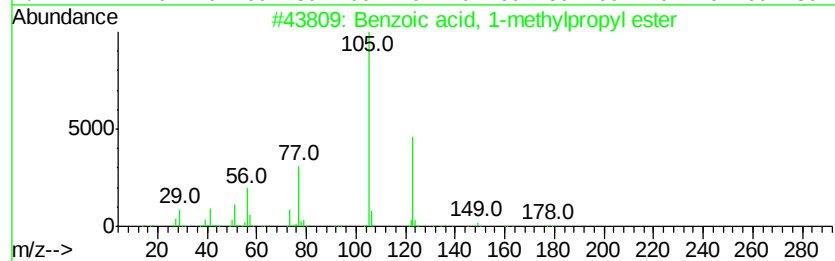
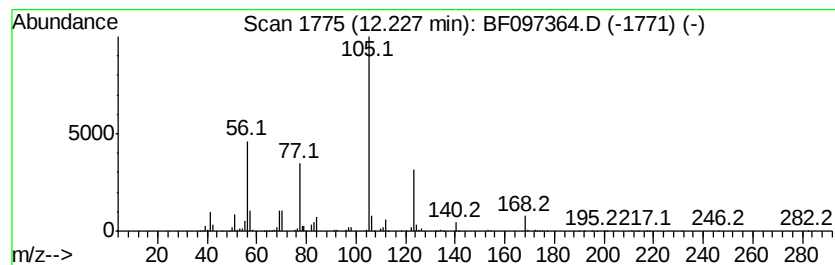
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown12.23 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.23	53.94 ng	2328000	Phenanthrene-d10	10.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzoic acid, 1-methylpropyl ester	178	C11H14O2	003306-36-3	47
2		Benzoic acid, hept-3-yl ester	220	C14H20O2	1000368-76-7	47
3		Benzoic acid, 2-methylpropyl ester	178	C11H14O2	000120-50-3	45
4		Benzoic acid, hexyl ester	206	C13H18O2	006789-88-4	43
5		Benzoic acid 2-methylpentyl ester	206	C13H18O2	059736-57-1	42



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080417\
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Acq On : 4 Aug 2017 19:10
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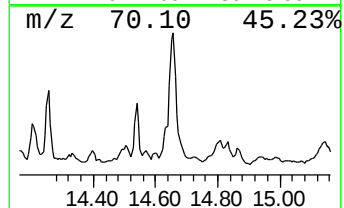
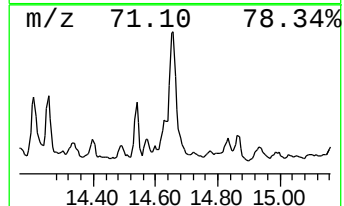
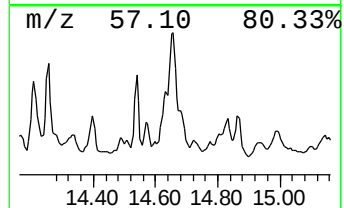
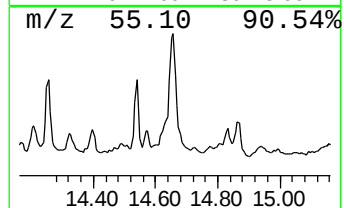
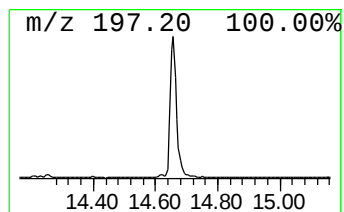
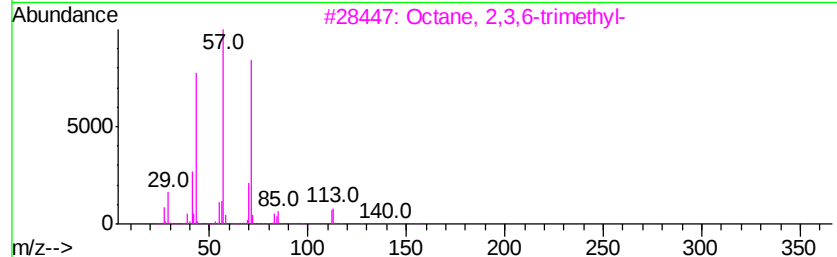
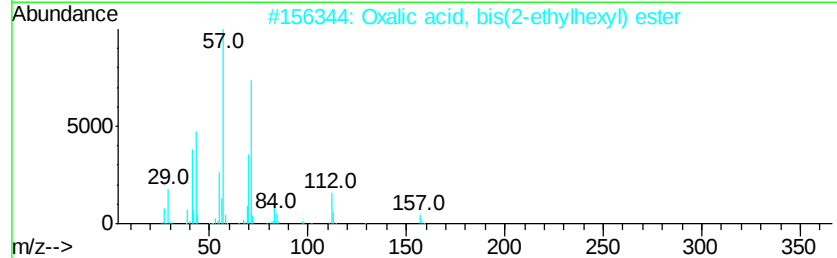
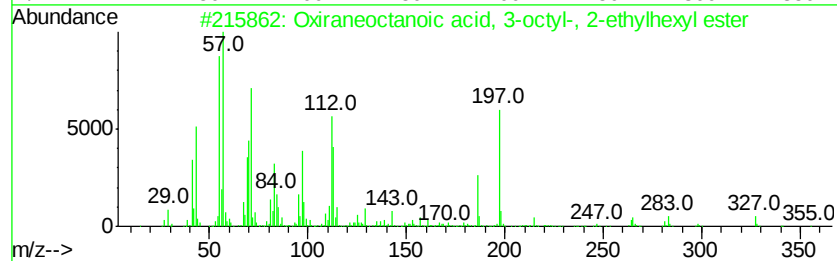
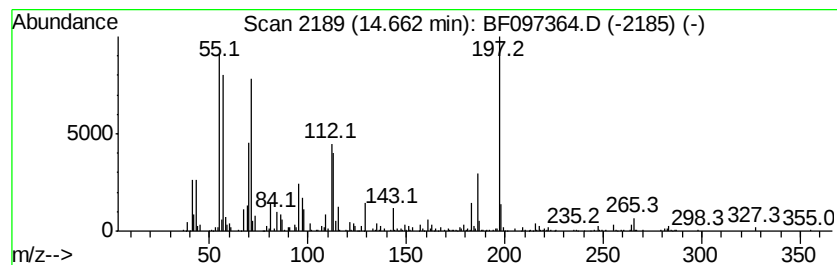
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Oxiraneoctanoic acid, 3-oct... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	62.11 ng	2582430	Perylene-d12	14.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxiraneoctanoic acid, 3-octyl-, ...	410	C26H50O3	000141-38-8	62
2		Oxalic acid, bis(2-ethylhexyl) e...	314	C18H34O4	1000309-39-0	38
3		Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	35
4		Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	35
5		Carbonic acid, neopentyl 2-ethyl...	244	C14H28O3	1000357-85-7	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080417\
Data File : BF097364.D
Acq On : 4 Aug 2017 19:10
Operator : SJ/JU
Sample : I4573-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WW

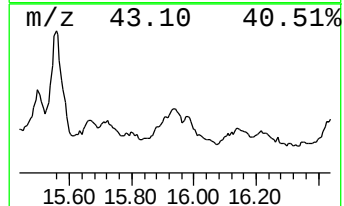
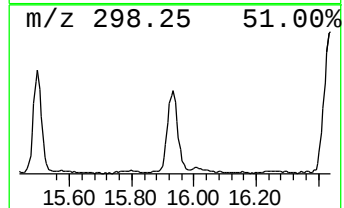
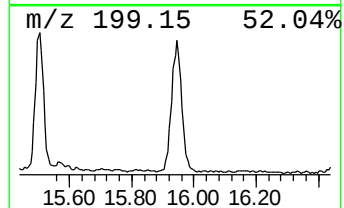
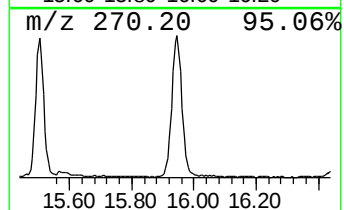
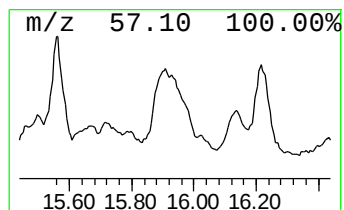
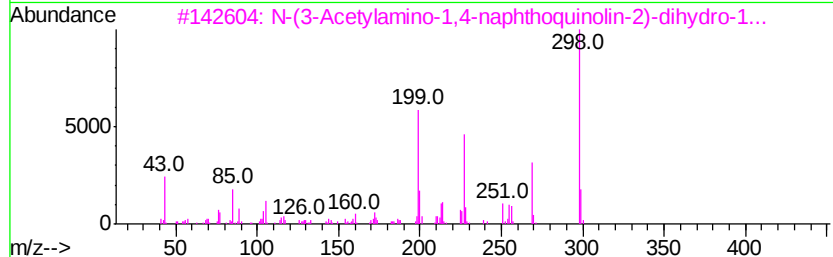
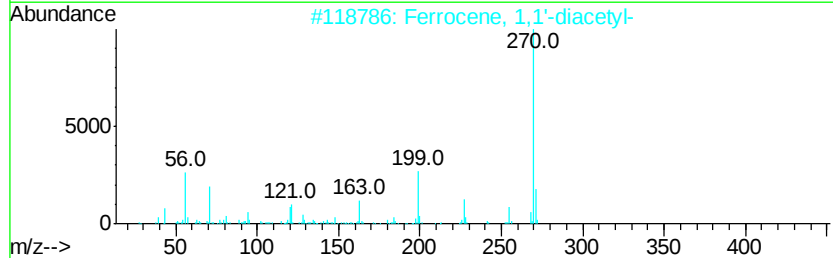
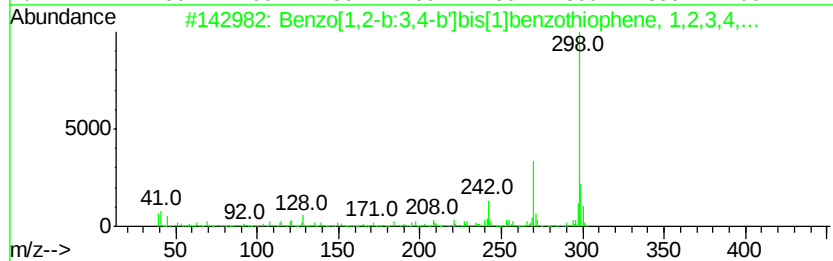
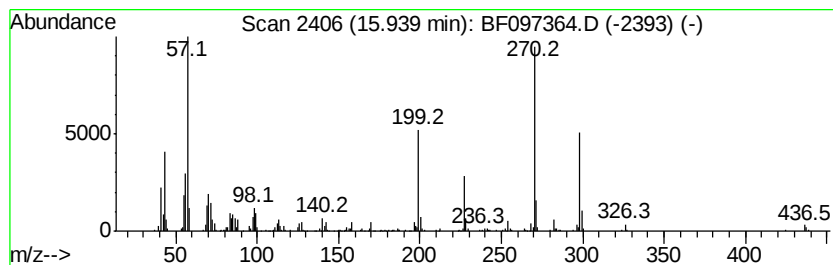
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzo[1,2-b:3,4-b']bis[1]be... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.94	66.37 ng	2759200	Perylene-d12	14.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[1,2-b:3,4-b']bis[1]benzoth...	298	C18H18S2	054934-66-6	52
2		Ferrocene, 1,1'-diacetyl-	270	C14H14FeO2	001273-94-5	38
3		N-(3-Acetyl-amino-1,4-naphthoquin...	298	C16H14N2O4	124450-88-0	30
4		Estra-1,3,5(10)-triene, 3-methoxy-	270	C19H26O	014550-57-3	27
5		N-(3-Acetyl-amino-1,4-naphthoquin...	298	C16H14N2O4	1000110-31-9	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080417\
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Acq On : 4 Aug 2017 19:10
Operator : SJ/JU
Sample : I4573-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WW

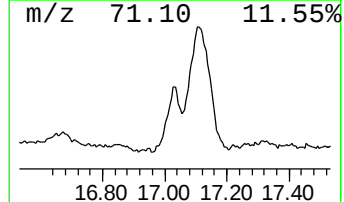
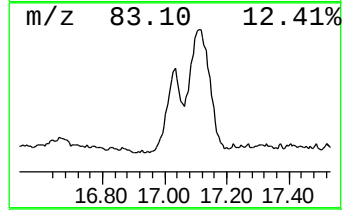
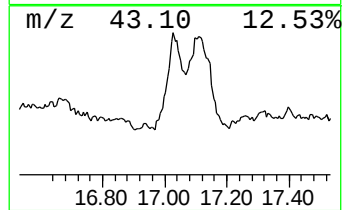
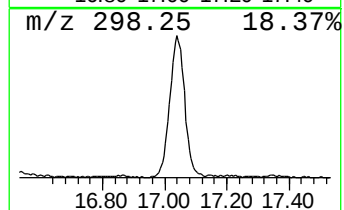
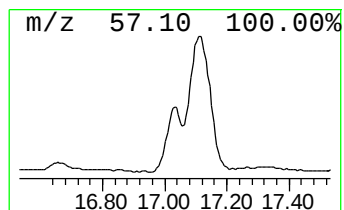
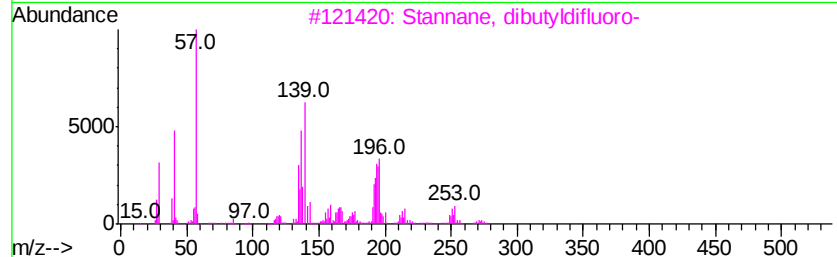
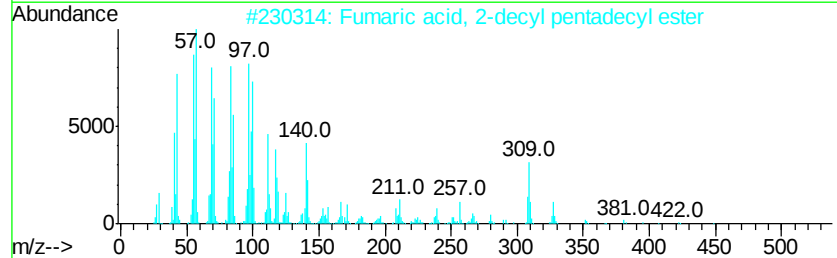
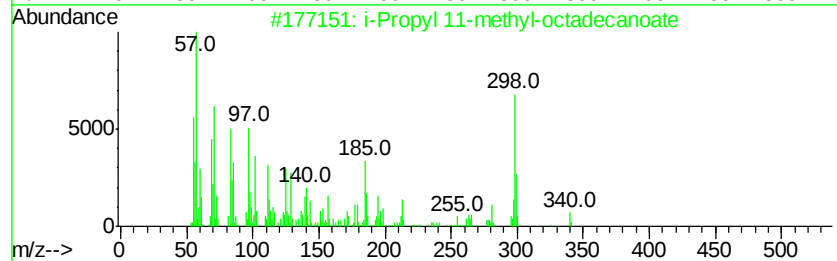
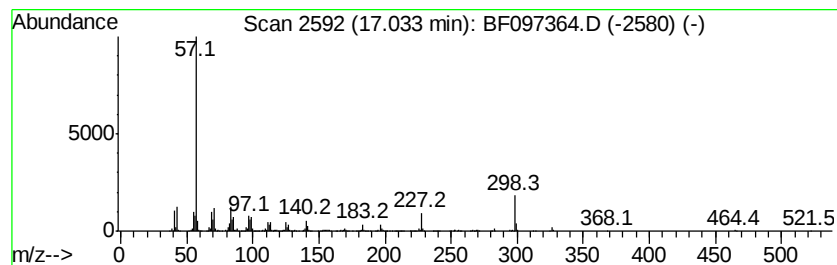
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown17.03 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.03	66.86 ng	2779860	Perylene-d12	14.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	i-Propyl 11-methyl-octadecanoate	340	C22H44O2	1000336-74-9	35
2		Fumaric acid, 2-decyl pentadecyl...	466	C29H54O4	1000348-59-6	10
3		Stannane, dibutylidifluoro-	272	C8H18F2Sn	000563-25-7	10
4		Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	10
5		Carbamic acid, N-(3-chloro-4-met...	299	C15H22ClN03	1000269-39-7	9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF080417\
Data File : BF097364.D
Acq On : 4 Aug 2017 19:10
Operator : SJ/JU
Sample : I4573-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WW

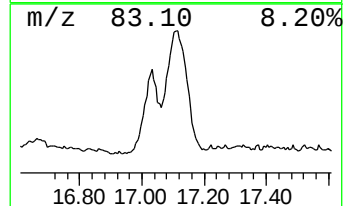
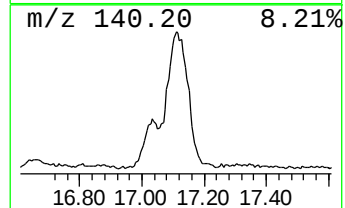
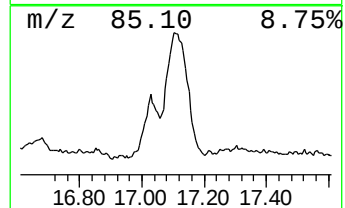
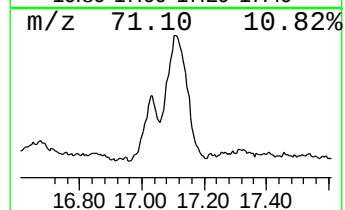
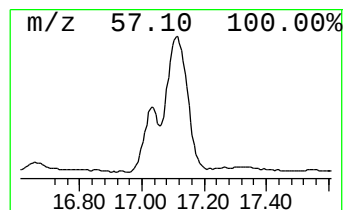
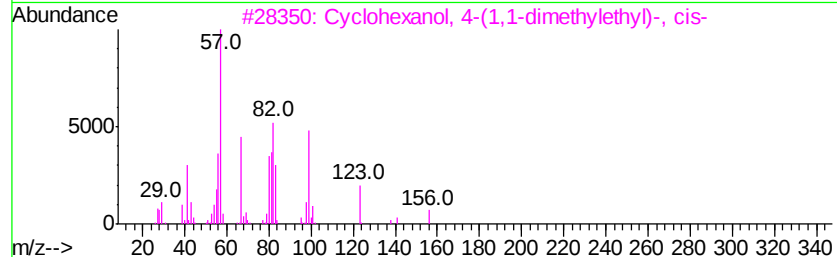
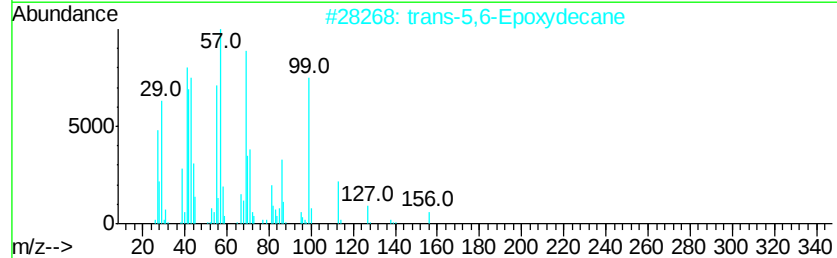
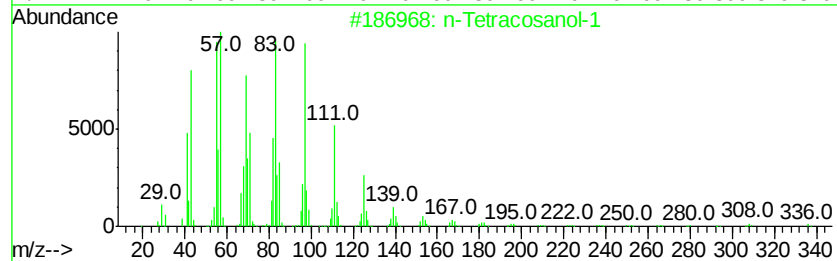
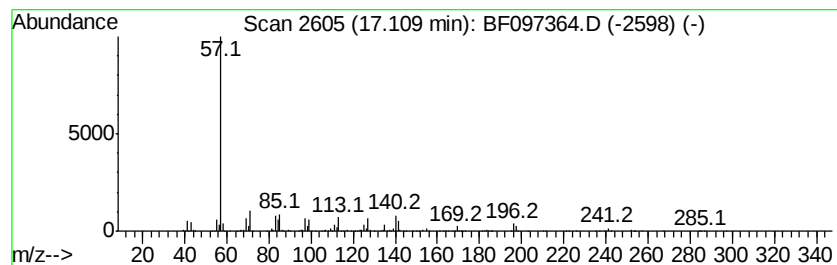
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 n-Tetracosanol-1 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.11	131.02 ng	5447280	Perylene-d12	14.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Tetracosanol-1	354	C24H50O	000506-51-4	50
2		trans-5,6-Epoxydecane	156	C10H20O	002165-61-9	50
3		Cyclohexanol, 4-(1,1-dimethylethyl)-, cis-	156	C10H20O	000937-05-3	46
4		Trichloroacetic acid, undecyl ester	316	C13H23Cl3O2	074339-49-4	46
5		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	45



Data Path : Z:\HPCHEM1\BNA F\DATA\BF080417\
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Sample : I4573-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WW

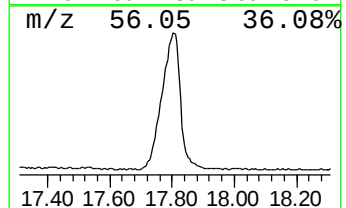
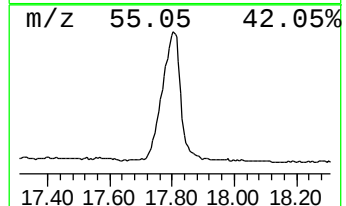
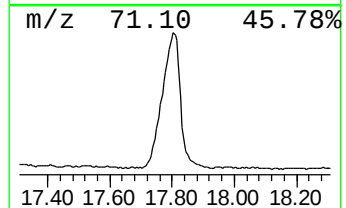
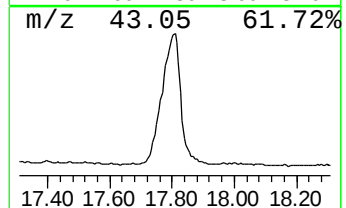
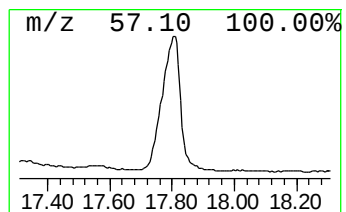
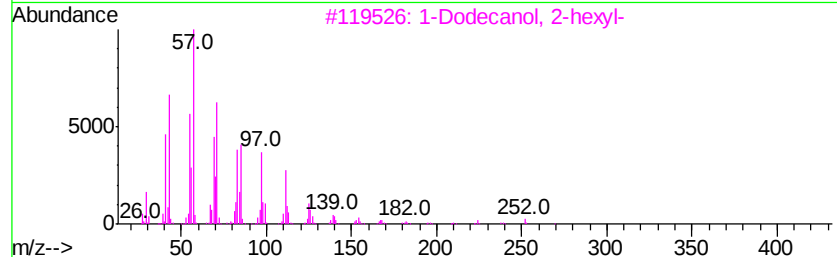
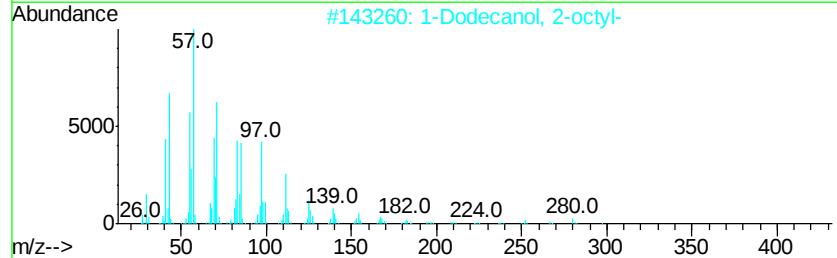
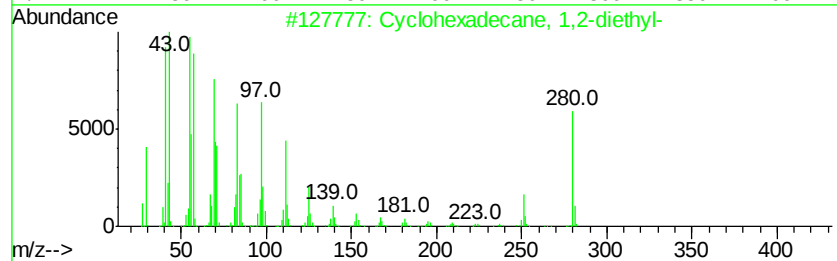
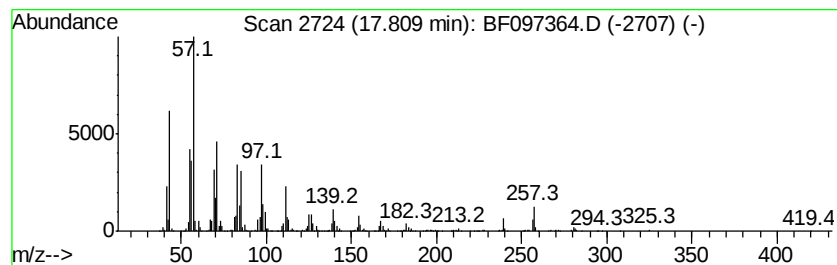
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Cyclohexadecane, 1,2-diethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.81	244.66 ng	10172000	Perylene-d12	14.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	91
2		1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	91
3		1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	90
4		1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	87
5		1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080417\
 Data File : BF097364.D
 Acq On : 4 Aug 2017 19:10
 Operator : SJ/JU
 Sample : I4573-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Heptane, 1,1'-oxy...	6.55	246.3	ng	8459570	1	6.43	686801	20.0
Hexatriacontane	7.06	76.4	ng	2624990	1	6.43	686801	20.0
Cyclooctane, 1,5-...	9.10	52.1	ng	6669940	3	9.47	2560770	20.0
Cyclopropane, nonyl-	9.36	214.1	ng	27407200	3	9.47	2560770	20.0
Silane, trichloro...	9.63	55.5	ng	7103170	3	9.47	2560770	20.0
1-Dodecanol	9.87	254.4	ng	32578600	3	9.47	2560770	20.0
1-Dodecene	10.35	344.1	ng	14851800	4	10.95	863161	20.0
1-Octanol, 5,7,7-...	10.53	106.5	ng	4596190	4	10.95	863161	20.0
1-Heptadecene	10.56	182.8	ng	7890730	4	10.95	863161	20.0
4-Propionyloxytri...	10.58	192.6	ng	8312420	4	10.95	863161	20.0
1-Tridecene	10.79	306.2	ng	13215000	4	10.95	863161	20.0
Isopropyl palmitate	11.75	113.4	ng	4894810	4	10.95	863161	20.0
Benzoic acid, 2-e...	11.96	127.2	ng	5488940	4	10.95	863161	20.0
Benzoic acid 2-me...	12.01	61.9	ng	2670960	4	10.95	863161	20.0
unknown12.23	12.23	53.9	ng	2328000	4	10.95	863161	20.0
Oxiraneoctanoic a...	14.66	62.1	ng	2582430	6	14.90	831517	20.0
Benzo[1,2-b:3,4-b...	15.94	66.4	ng	2759200	6	14.90	831517	20.0
unknown17.03	17.03	66.9	ng	2779860	6	14.90	831517	20.0
n-Tetracosanol-1	17.11	131.0	ng	5447280	6	14.90	831517	20.0
Cyclohexadecane, ...	17.81	244.7	ng	10172000	6	14.90	831517	20.0