

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
 Data File : BF096865.D
 Acq On : 19 Jul 2017 1:12
 Operator : SJ/JU
 Sample : I4234-04
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 M-COMB-02

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.769	469	473	484	rBV	579026	737053	15.89%	1.593%
2	5.210	545	548	558	rVB	188676	180439	3.89%	0.390%
3	5.751	635	640	643	rBV	211433	204802	4.42%	0.443%
4	6.245	720	724	733	rBV3	174352	302550	6.52%	0.654%
5	6.369	741	745	750	rBV	382174	330897	7.13%	0.715%
6	6.598	780	784	787	rBV	646945	513225	11.06%	1.109%
7	6.675	794	797	802	rBV	89411	79840	1.72%	0.173%
8	6.722	802	805	807	rVV	70546	61428	1.32%	0.133%
9	6.757	807	811	814	rVV	1550480	1473333	31.76%	3.185%
10	7.010	847	854	867	rBV	3608450	4638329	100.00%	10.026%
11	7.163	874	880	883	rBV	1193141	1139335	24.56%	2.463%
12	7.222	885	890	893	rVV	520026	418593	9.02%	0.905%
13	7.345	905	911	917	rBV	101965	89467	1.93%	0.193%
14	7.663	961	965	969	rBV4	44893	65553	1.41%	0.142%
15	7.798	981	988	991	rBV	896788	828206	17.86%	1.790%
16	7.828	991	993	996	rVV	125061	110223	2.38%	0.238%
17	7.881	996	1002	1005	rVV	788296	684714	14.76%	1.480%
18	7.916	1005	1008	1011	rVB	179982	171987	3.71%	0.372%
19	8.016	1020	1025	1026	rBV	72140	62312	1.34%	0.135%
20	8.045	1026	1030	1037	rVV	976430	892794	19.25%	1.930%
21	8.116	1039	1042	1044	rVV	351325	312300	6.73%	0.675%
22	8.145	1044	1047	1052	rVV	487726	412532	8.89%	0.892%
23	8.480	1100	1104	1107	rBV2	84993	100246	2.16%	0.217%
24	8.522	1107	1111	1115	rVB	196393	163115	3.52%	0.353%
25	8.839	1156	1165	1167	rBV2	84616	136954	2.95%	0.296%
26	8.880	1169	1172	1175	rVB	178739	138888	2.99%	0.300%
27	8.957	1180	1185	1189	rBV	1983744	1928894	41.59%	4.169%
28	9.063	1199	1203	1206	rBV2	55869	72214	1.56%	0.156%
29	9.192	1221	1225	1230	rBV4	32865	64893	1.40%	0.140%
30	9.351	1249	1252	1255	rBV	119501	99864	2.15%	0.216%
31	9.451	1262	1269	1273	rBV	615806	528411	11.39%	1.142%
32	9.551	1281	1286	1289	rBV	276439	252803	5.45%	0.546%
33	9.604	1292	1295	1297	rVV2	933764	903991	19.49%	1.954%
34	9.627	1297	1299	1310	rVB3	766821	986877	21.28%	2.133%

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

35	9.963	1353	1356	1359	rBV	118819	96873	2.09%	0.209%
36	10.080	1373	1376	1379	rVV2	56515	63516	1.37%	0.137%
37	10.345	1417	1421	1424	rVB	335807	270718	5.84%	0.585%
38	10.416	1430	1433	1435	rBV	161575	170456	3.67%	0.368%
39	10.451	1435	1439	1442	rVV2	308212	319580	6.89%	0.691%
40	10.486	1442	1445	1448	rVV3	120312	147070	3.17%	0.318%
41	10.527	1448	1452	1453	rVV	68002	104971	2.26%	0.227%
42	10.545	1453	1455	1457	rVV2	102260	111859	2.41%	0.242%
43	10.574	1457	1460	1462	rVV	360024	322080	6.94%	0.696%
44	10.610	1462	1466	1468	rVV	153723	227346	4.90%	0.491%
45	10.639	1468	1471	1478	rVV	202289	220884	4.76%	0.477%
46	10.910	1514	1517	1522	rVB	171520	147102	3.17%	0.318%
47	10.992	1527	1531	1534	rVB2	66117	93581	2.02%	0.202%
48	11.104	1542	1550	1553	rBV2	544820	704757	15.19%	1.523%
49	11.304	1577	1584	1587	rVV	1681179	1926735	41.54%	4.165%
50	11.345	1587	1591	1598	rVB	563171	560219	12.08%	1.211%
51	11.451	1606	1609	1611	rBV	158676	128337	2.77%	0.277%
52	11.521	1619	1621	1625	rVB2	107201	88239	1.90%	0.191%
53	11.686	1640	1649	1652	rBV	3635883	4191921	90.38%	9.061%
54	11.810	1668	1670	1675	rBV	50778	60327	1.30%	0.130%
55	11.904	1680	1686	1689	rBV	367000	320840	6.92%	0.693%
56	11.933	1689	1691	1696	rVB3	91267	95783	2.07%	0.207%
57	12.074	1710	1715	1718	rBV3	64828	96870	2.09%	0.209%
58	12.163	1727	1730	1735	rBV	689065	610053	13.15%	1.319%
59	12.210	1735	1738	1741	rBV2	63805	59552	1.28%	0.129%
60	12.245	1741	1744	1748	rVB	232884	213026	4.59%	0.460%
61	12.368	1759	1765	1768	rBV4	296458	432860	9.33%	0.936%
62	12.451	1775	1779	1784	rBV	344632	422494	9.11%	0.913%
63	12.586	1799	1802	1805	rBV2	154826	153131	3.30%	0.331%
64	12.692	1815	1820	1822	rBV	1384168	1376513	29.68%	2.975%
65	12.833	1841	1844	1849	rVB2	158651	177477	3.83%	0.384%
66	12.910	1854	1857	1859	rBV2	57893	64041	1.38%	0.138%
67	12.939	1859	1862	1866	rVV	85867	80972	1.75%	0.175%
68	13.180	1900	1903	1907	rVB3	87447	123332	2.66%	0.267%
69	13.257	1913	1916	1917	rBV	67178	63078	1.36%	0.136%
70	13.280	1917	1920	1922	rVB	149096	149823	3.23%	0.324%
71	13.521	1958	1961	1966	rBV3	115437	149924	3.23%	0.324%

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 Sampling : 1 Min Area: 3 % of largest Peak
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 Stop Thrs : 0 Peak Location: TOP

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72	13.604	1970	1975	1978	rBV2	350081	419477	9.04%	0.907%
73	13.727	1990	1996	1999	rBV	624532	648858	13.99%	1.402%
74	13.921	2025	2029	2032	rVB	159618	158893	3.43%	0.343%
75	14.074	2052	2055	2060	rVB	270217	294945	6.36%	0.638%
76	14.221	2077	2080	2086	rVB	180980	189623	4.09%	0.410%
77	14.374	2103	2106	2110	rBV3	195017	230409	4.97%	0.498%
78	14.427	2112	2115	2118	rVB3	83889	77531	1.67%	0.168%
79	14.515	2128	2130	2137	rVB	141879	125151	2.70%	0.271%
80	14.580	2137	2141	2145	rBV	1280814	1233430	26.59%	2.666%
81	14.680	2154	2158	2162	rVB2	50019	84258	1.82%	0.182%
82	14.733	2162	2167	2174	rVB3	116611	207299	4.47%	0.448%
83	14.815	2178	2181	2184	rBV	126520	127281	2.74%	0.275%
84	14.851	2184	2187	2190	rVB3	99805	94623	2.04%	0.205%
85	15.004	2211	2213	2216	rVB2	79482	82181	1.77%	0.178%
86	15.039	2216	2219	2225	rVB2	181472	244153	5.26%	0.528%
87	15.104	2226	2230	2235	rVB	254193	299604	6.46%	0.648%
88	15.151	2235	2238	2241	rBV	59796	71157	1.53%	0.154%
89	15.404	2278	2281	2284	rBV3	65153	82476	1.78%	0.178%
90	15.533	2300	2303	2308	rBV2	59596	104892	2.26%	0.227%
91	15.727	2330	2336	2348	rBV4	874087	2218788	47.84%	4.796%
92	15.821	2349	2352	2357	rVB3	103571	154493	3.33%	0.334%
93	15.892	2357	2364	2371	rBV2	1394794	2823439	60.87%	6.103%
94	16.221	2415	2420	2429	rVB8	96840	246415	5.31%	0.533%
95	16.409	2449	2452	2461	rVB10	69188	134436	2.90%	0.291%
96	16.533	2469	2473	2485	rVB5	125471	279083	6.02%	0.603%
97	16.692	2496	2500	2506	rVV5	85004	156501	3.37%	0.338%
98	16.762	2507	2512	2525	rVV3	158281	417006	8.99%	0.901%
99	16.898	2525	2535	2547	rVB8	234102	867470	18.70%	1.875%
100	18.198	2748	2756	2766	rVB3	189275	557774	12.03%	1.206%

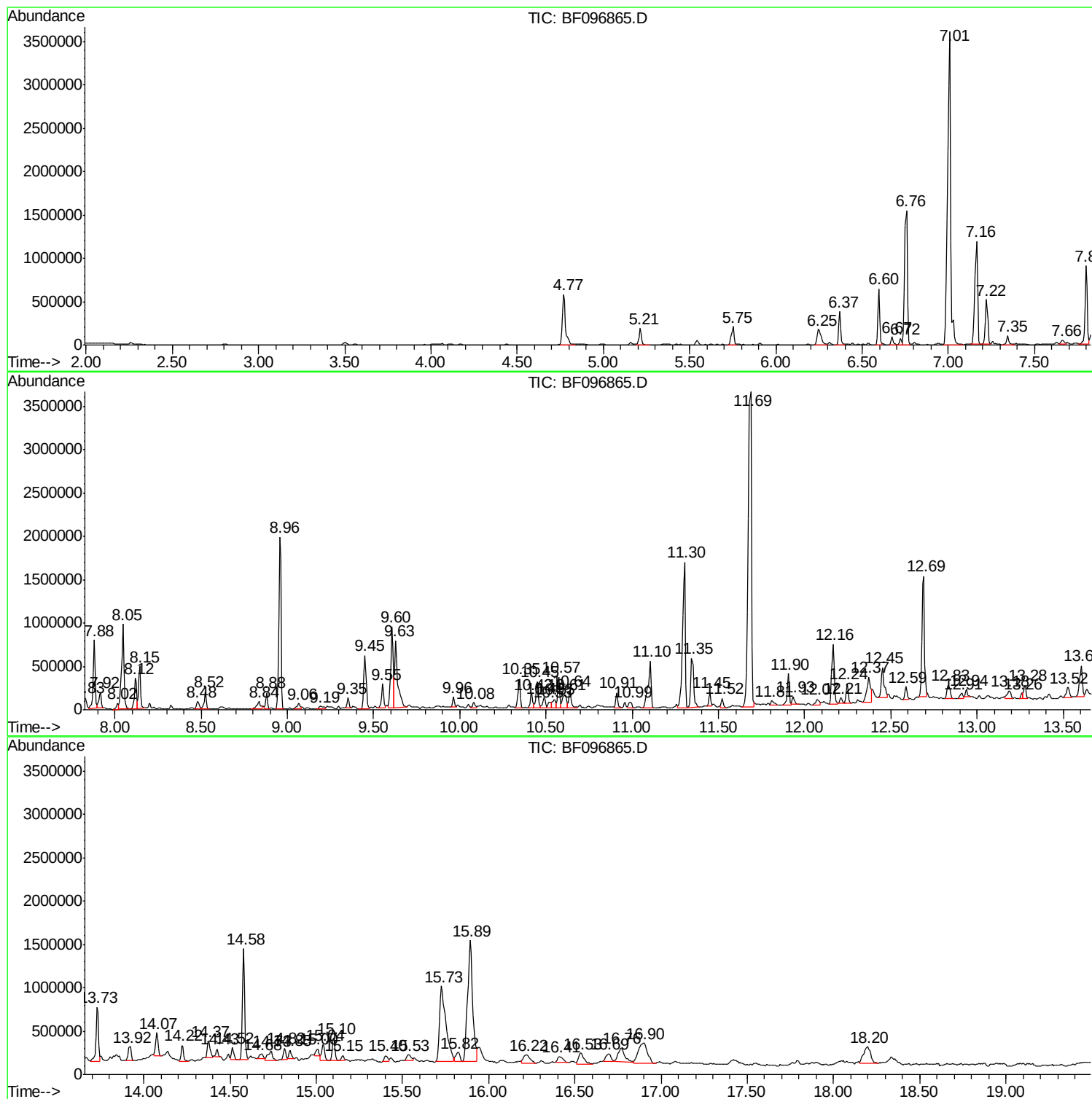
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Instrument :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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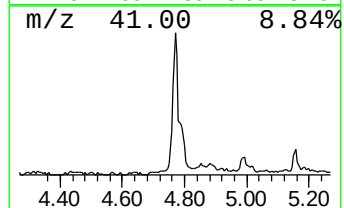
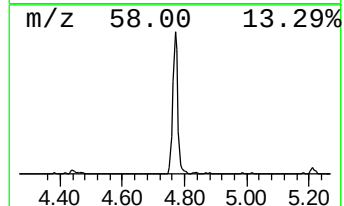
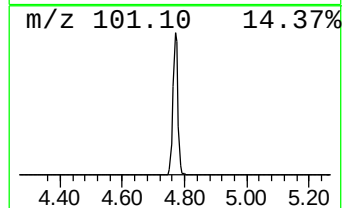
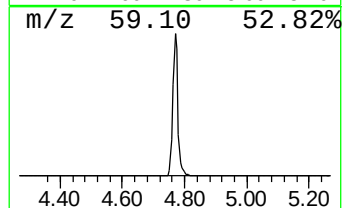
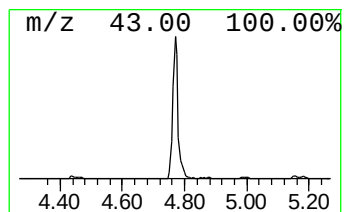
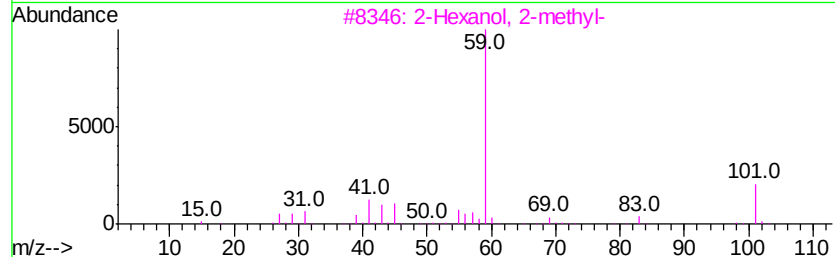
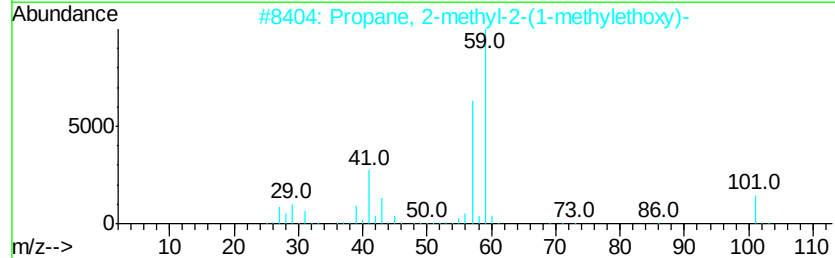
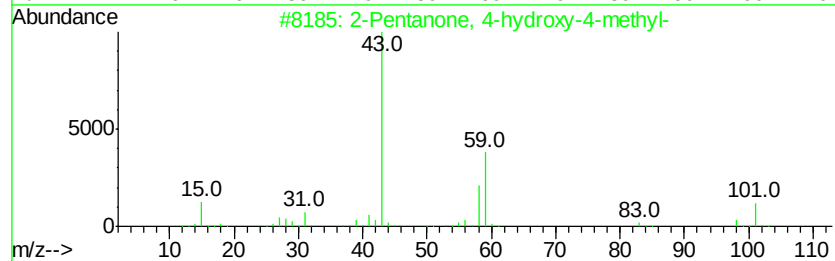
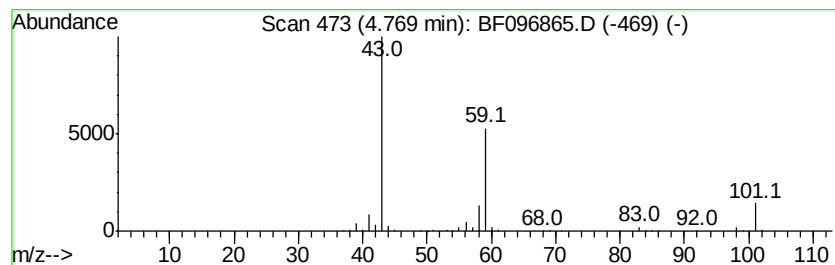
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.77	28.72 ng	737053	1,4-Dichlorobenzene-d4	6.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		Propane, 2-methyl-2-(1-methylethoxy)-	116	C7H16O	017348-59-3	36
3		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5		Acetic acid, cyano-, 1,1-dimethyl-	141	C7H11NO2	001116-98-9	23



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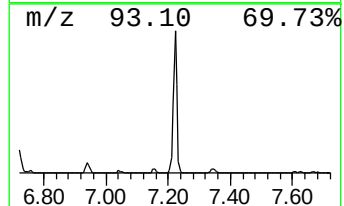
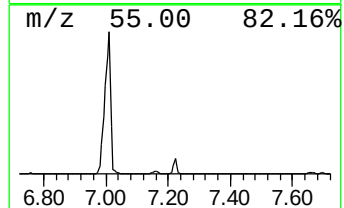
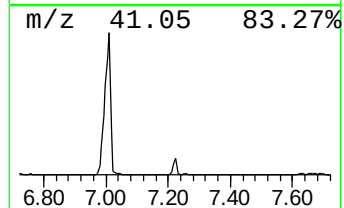
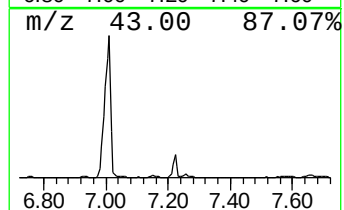
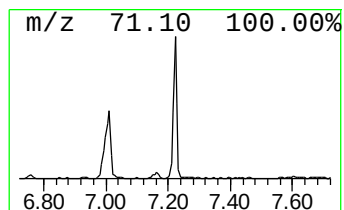
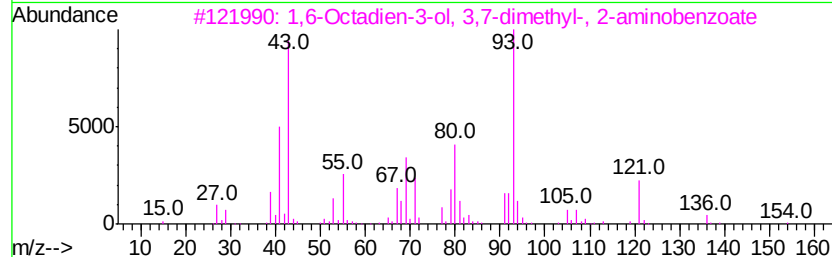
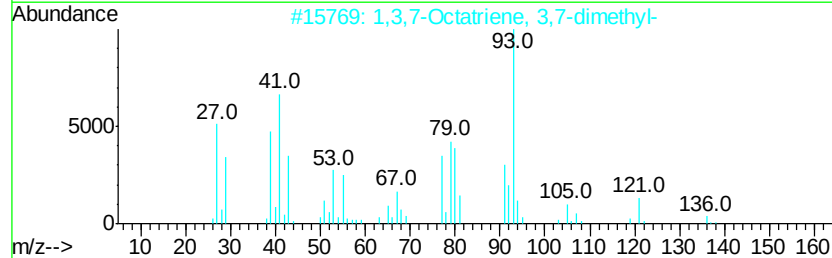
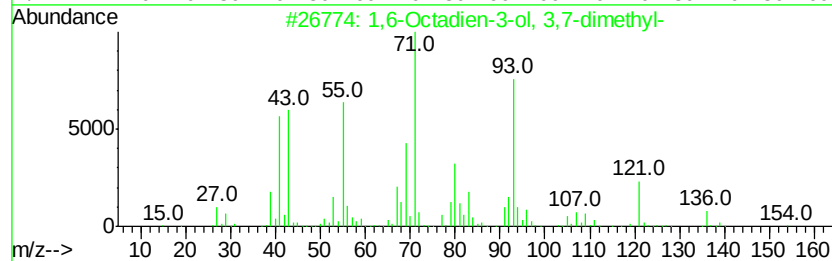
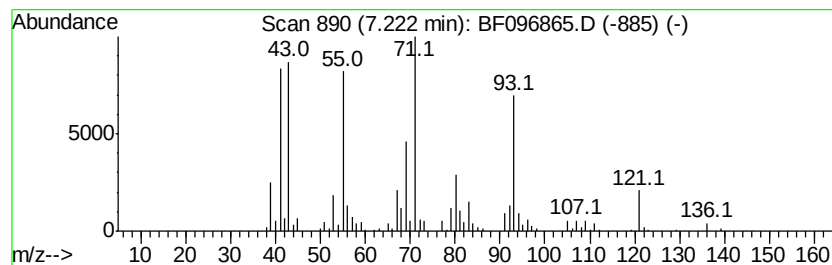
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 1,6-Octadien-3-ol, 3,7-dime... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	16.31 ng	418593	1,4-Dichlorobenzene-d4	6.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,6-Octadien-3-ol, 3,7-dimethyl-	154	C10H18O	000078-70-6	80
2		1,3,7-Octatriene, 3,7-dimethyl-	136	C10H16	000502-99-8	46
3		1,6-Octadien-3-ol, 3,7-dimethyl-...	273	C17H23NO2	007149-26-0	43
4		Cyclohexane, 1-methylene-4-(1-me...	136	C10H16	000499-97-8	38
5		.beta.-Myrcene	136	C10H16	000123-35-3	38



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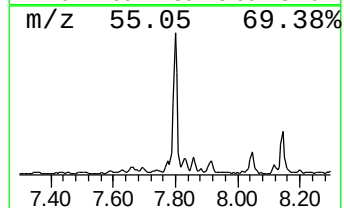
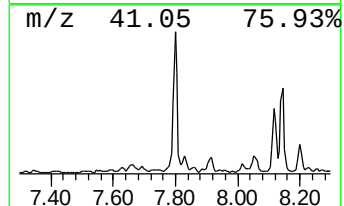
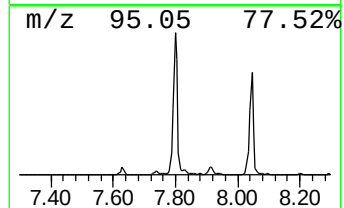
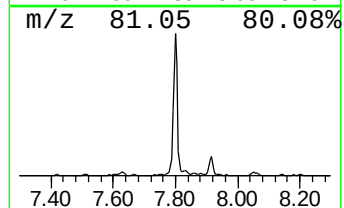
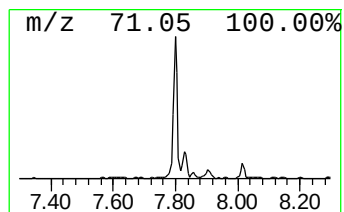
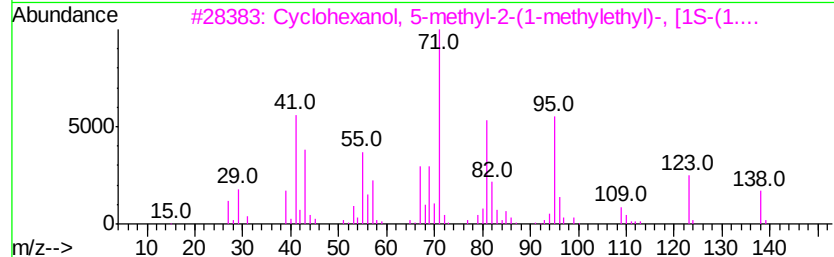
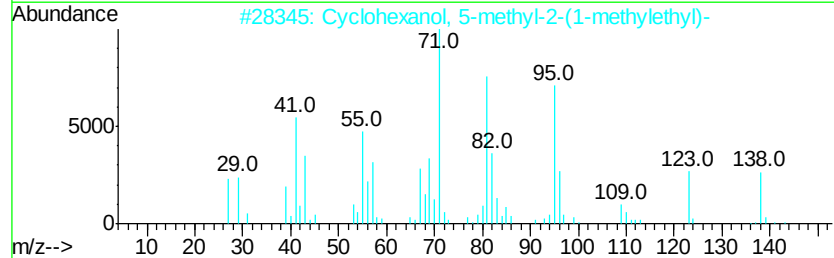
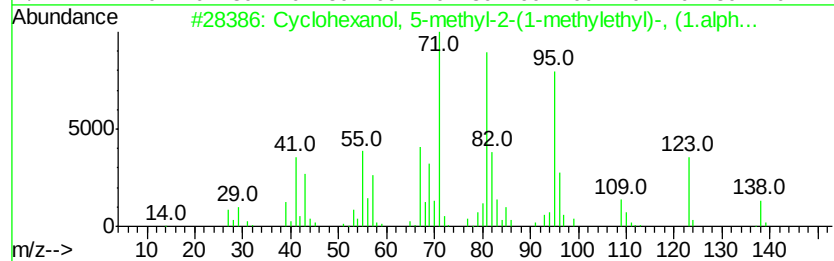
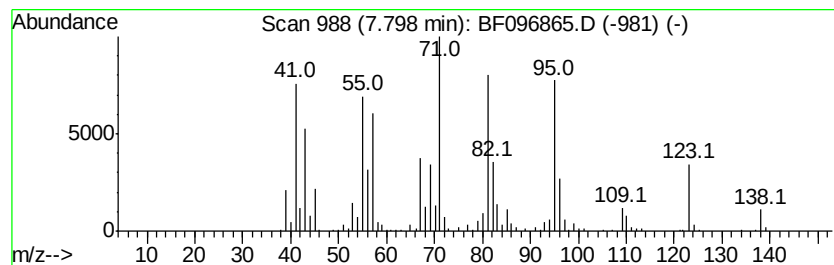
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Cyclohexanol, 5-methyl-2-(1... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.80	24.19 ng	828206	Naphthalene-d8	7.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	015356-70-4	91
2		Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	001490-04-6	91
3		Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	023283-97-8	90
4		Levomenthol	156	C10H20O	002216-51-5	90
5		dl-Menthol	156	C10H20O	000089-78-1	90



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Data File : BF096865.D
Acq On : 19 Jul 2017 1:12
Operator : SJ/JU
Sample : I4234-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
M-COMB-02

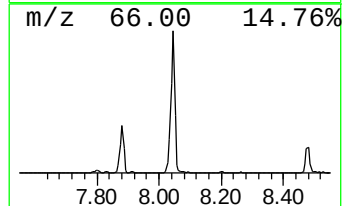
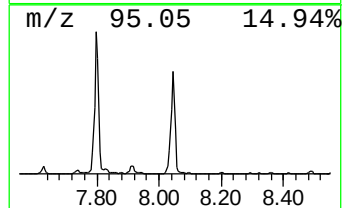
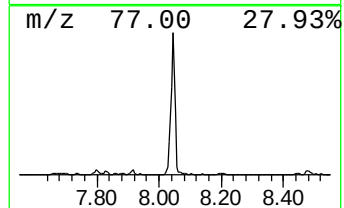
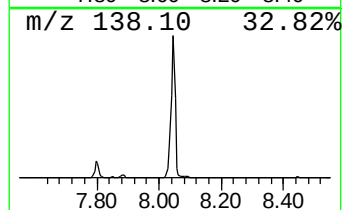
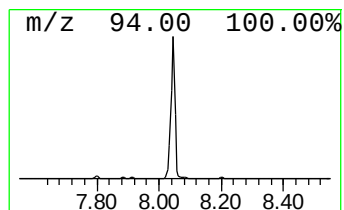
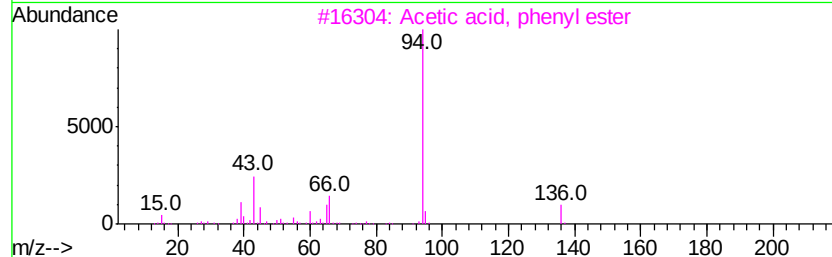
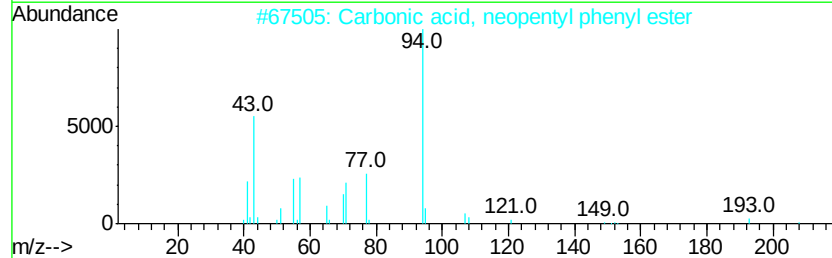
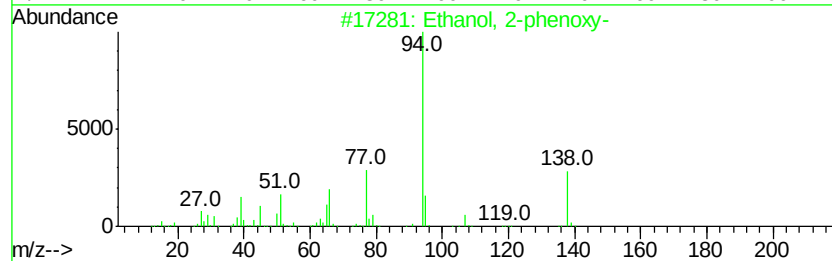
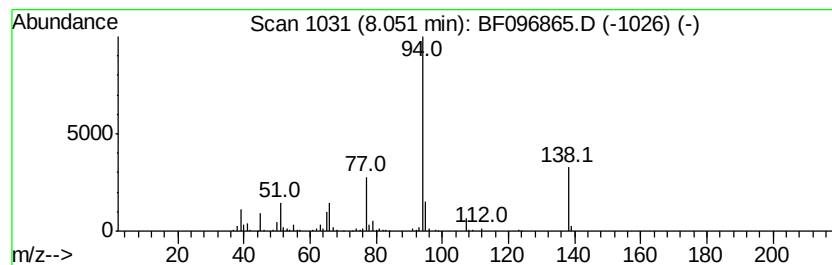
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Ethanol, 2-phenoxy- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.05	26.08 ng	892794	Naphthalene-d8	7.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-phenoxy-	138	C8H10O2	000122-99-6	96
2		Carbonic acid, neopentyl phenyl ...	208	C12H16O3	013183-19-2	59
3		Acetic acid, phenyl ester	136	C8H8O2	000122-79-2	50
4		Phenol	94	C6H6O	000108-95-2	49
5		3-Methylpyridazine	94	C5H6N2	001632-76-4	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071817\
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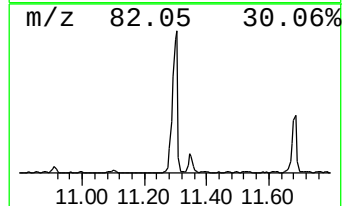
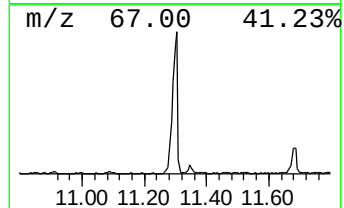
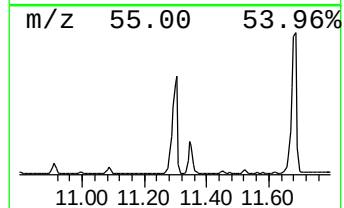
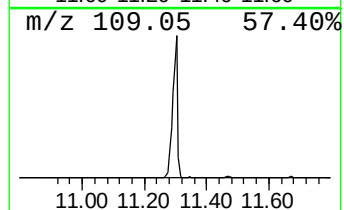
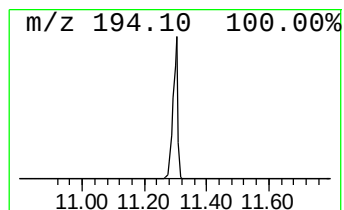
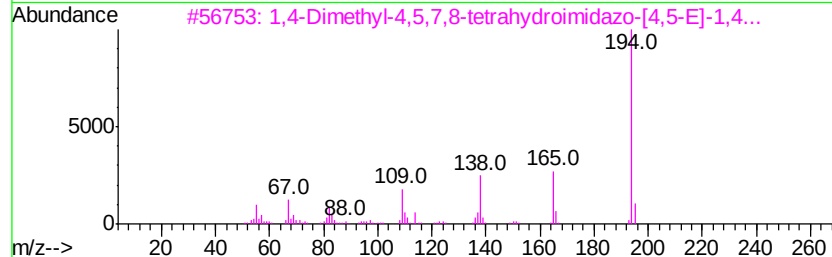
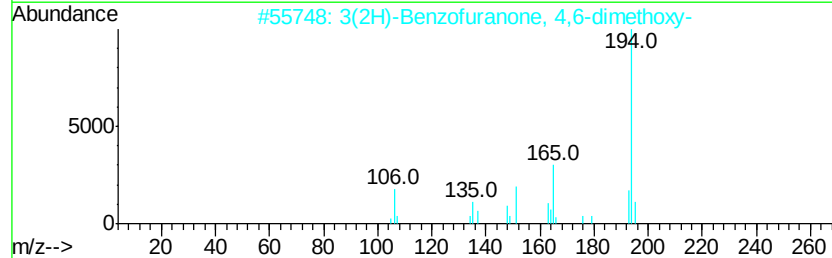
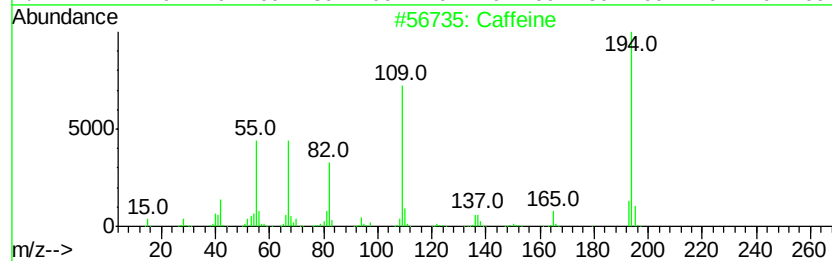
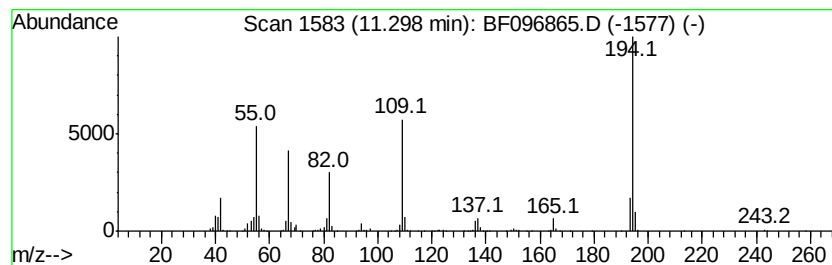
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Caffeine Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.30	54.68 ng	1926740	Phenanthrene-d10	11.10	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Caffeine	194	C8H10N4O2	000058-08-2	98
2	3(2H)-Benzofuranone, 4,6-dimethoxy-	194	C10H10O4	004225-35-8	50
3	1,4-Dimethyl-4,5,7,8-tetrahydroi...	194	C8H10N4O2	130063-15-9	47
4	5,7-Dimethyl-2-methylsulfanyl-[1...	194	C8H10N4S	1000300-84-3	38
5	4-Furfurylidene-5-oxo-2-thioxoi...	194	C8H6N2O2S	000618-81-5	35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
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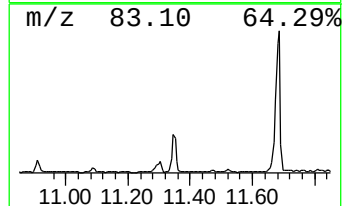
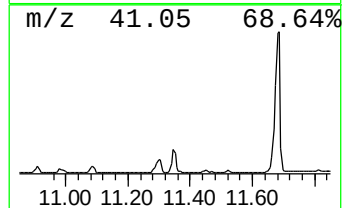
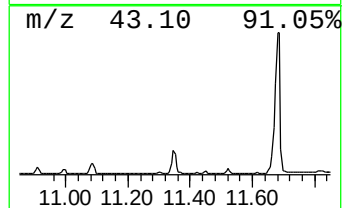
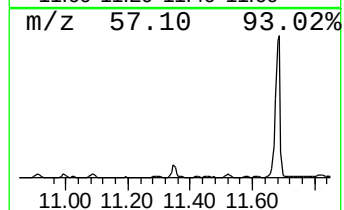
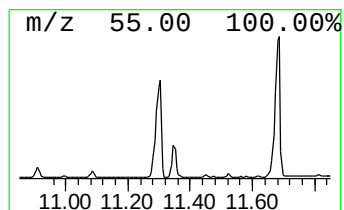
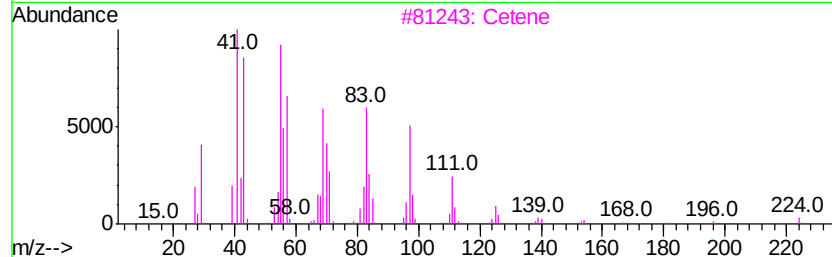
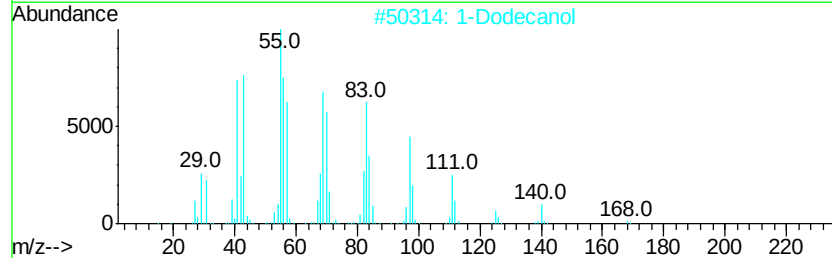
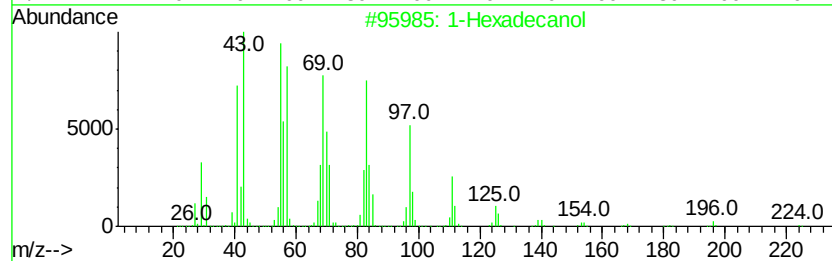
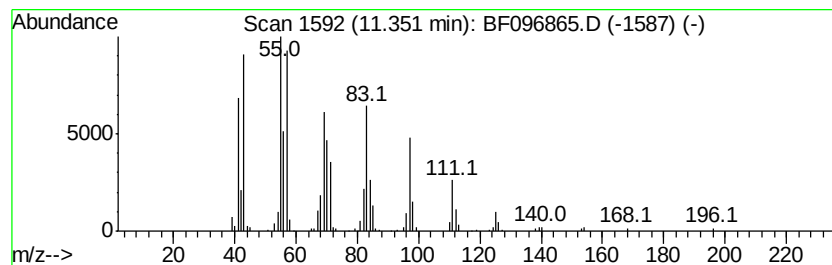
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 1-Hexadecanol Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.35	15.90 ng	560219	Phenanthrene-d10		11.10
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecanol	242	C16H34O	036653-82-4	91
2	1-Dodecanol	186	C12H26O	000112-53-8	91
3	Cetene	224	C16H32	000629-73-2	91
4	1-Tetradecanol	214	C14H30O	000112-72-1	91
5	Cyclododecane	168	C12H24	000294-62-2	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
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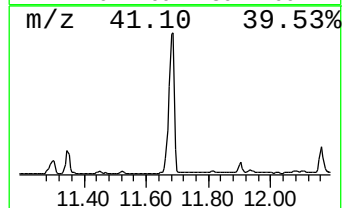
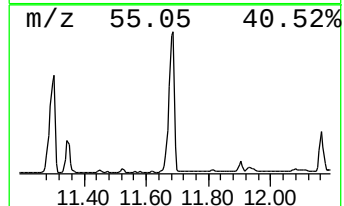
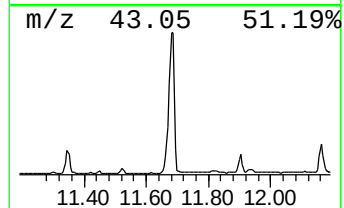
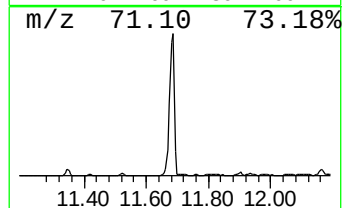
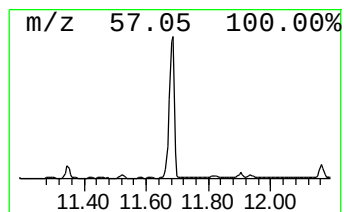
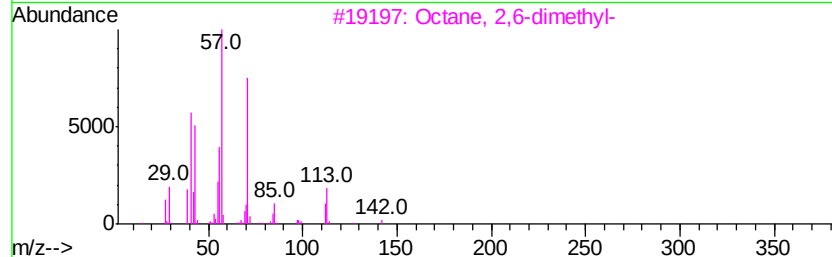
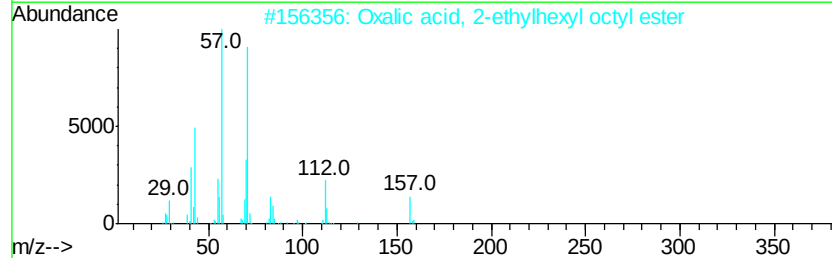
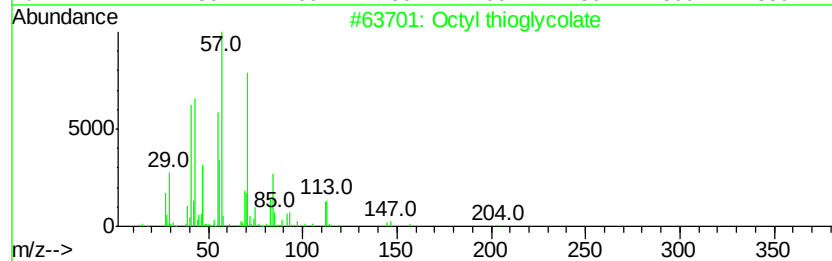
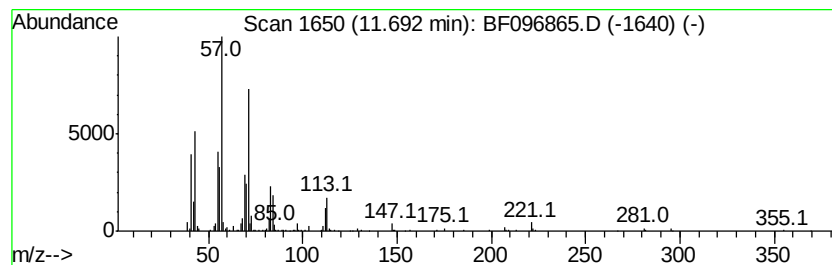
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octyl thioglycolate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	118.96 ng	4191920	Phenanthrene-d10	11.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octyl thioglycolate	204	C10H20O2S	007664-80-4	78
2		Oxalic acid, 2-ethylhexyl octyl ...	314	C18H34O4	1000309-39-1	64
3		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
4		Nonane, 3-methyl-	142	C10H22	005911-04-6	64
5		Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
Data File : BF096865.D
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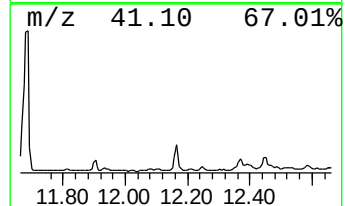
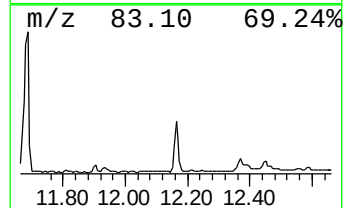
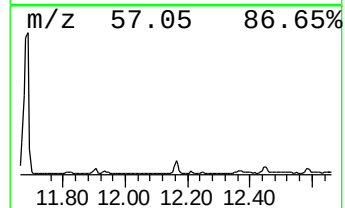
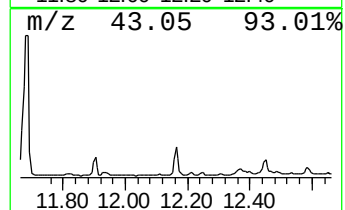
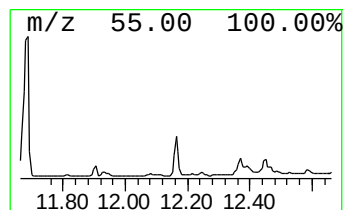
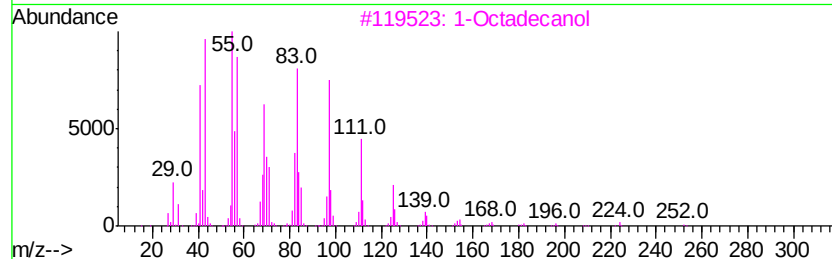
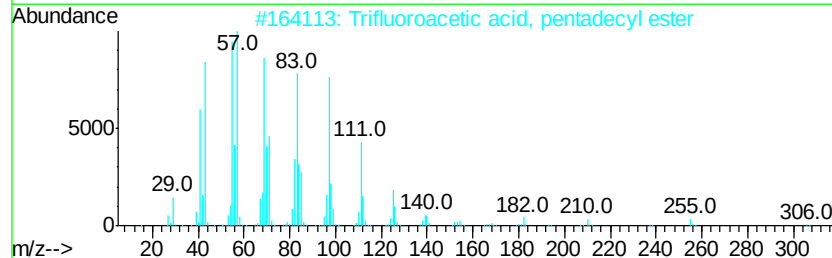
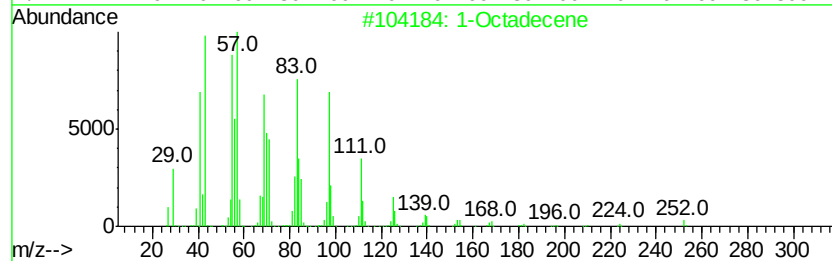
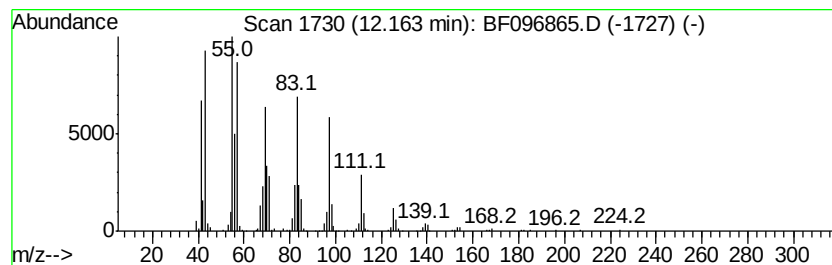
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 1-Octadecene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	17.31 ng	610053	Phenanthrene-d10	11.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Octadecene	252	C18H36	000112-88-9	94
2		Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	93
3		1-Octadecanol	270	C18H38O	000112-92-5	91
4		1-Nonadecene	266	C19H38	018435-45-5	91
5		1-Heptadecene	238	C17H34	006765-39-5	91



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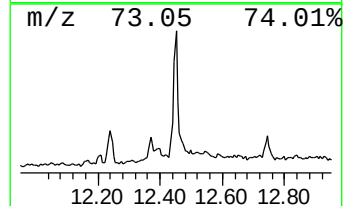
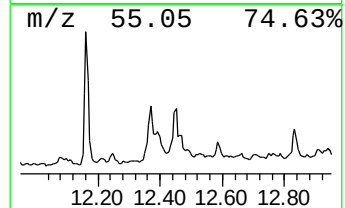
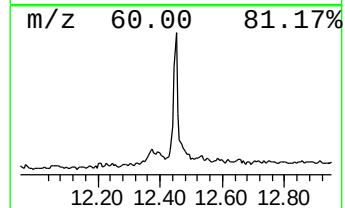
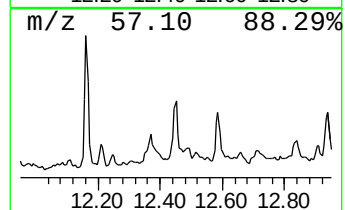
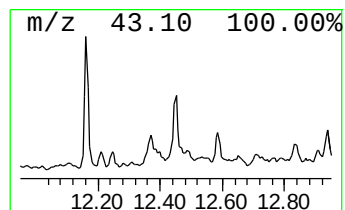
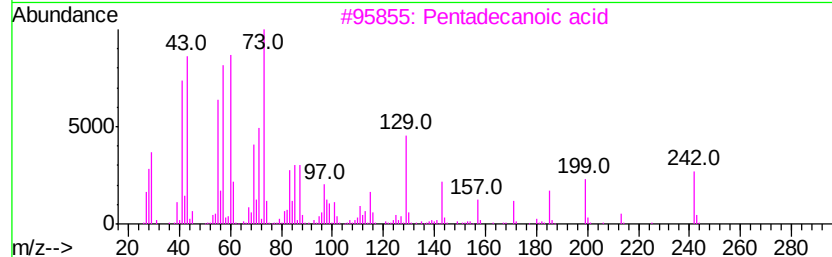
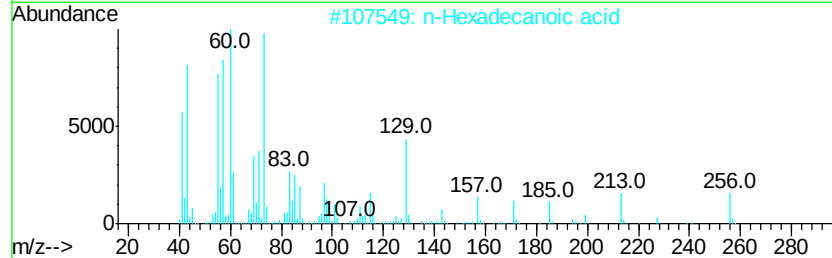
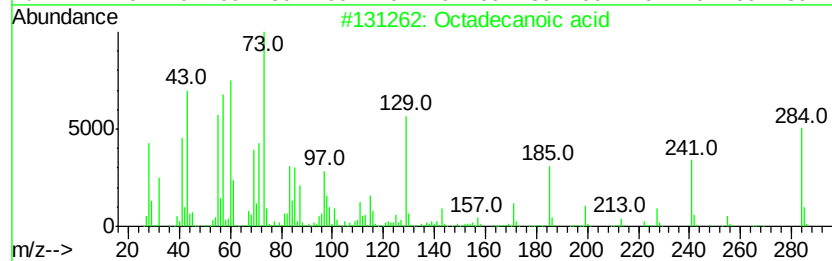
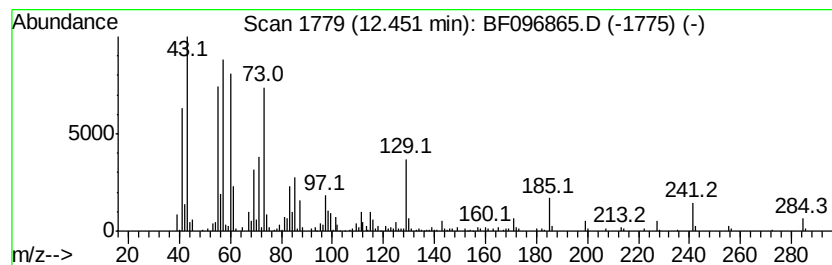
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Octadecanoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	13.02 ng	422494	Chrysene-d12	13.73

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	98
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4			Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72
5			n-Decanoic acid	172	C10H20O2	000334-48-5	60



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071817\
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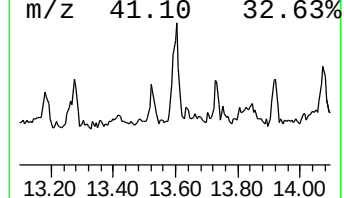
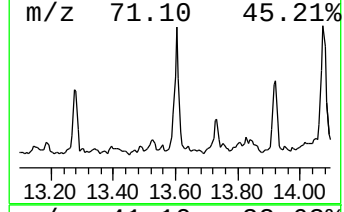
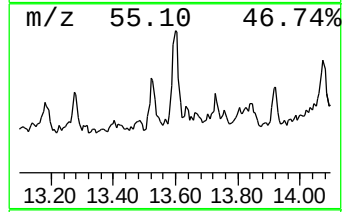
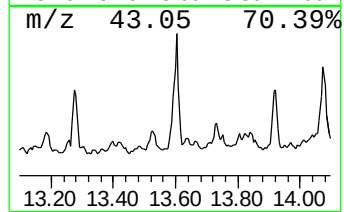
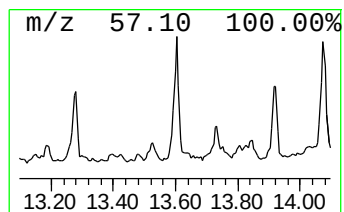
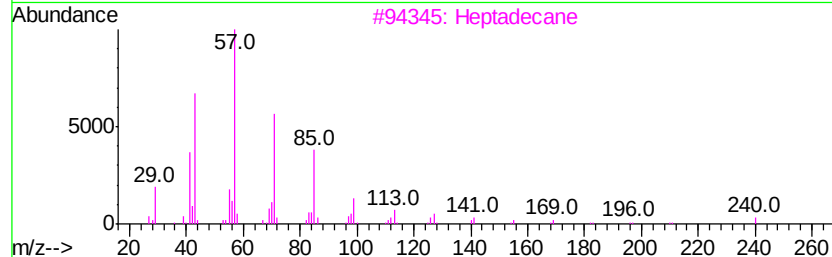
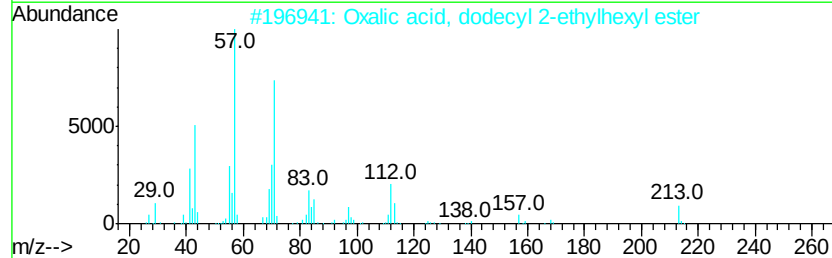
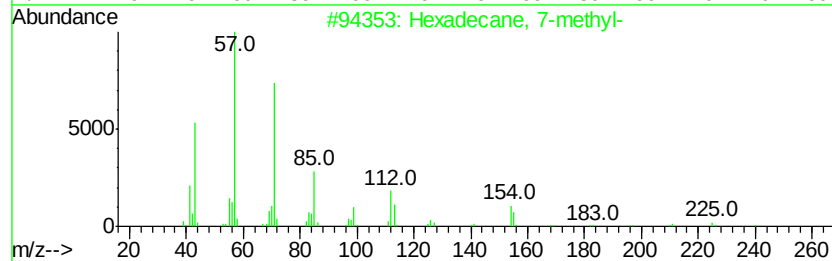
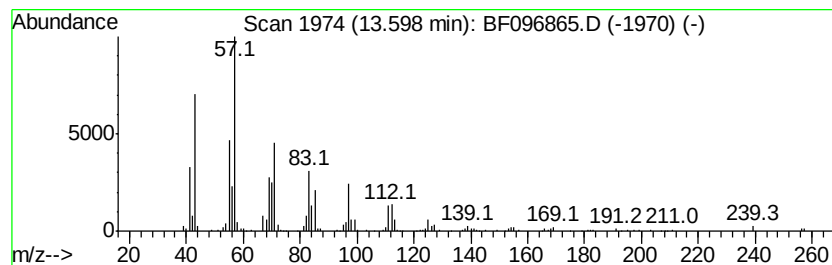
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hexadecane, 7-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.60	12.93 ng	419477	Chrysene-d12	13.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	72
2		Oxalic acid, dodecyl 2-ethylhexy...	370	C22H42O4	1000309-39-5	72
3		Heptadecane	240	C17H36	000629-78-7	70
4		Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	70
5		Heptacosane	380	C27H56	000593-49-7	64



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Operator : SJ/JU
Sample : I4234-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

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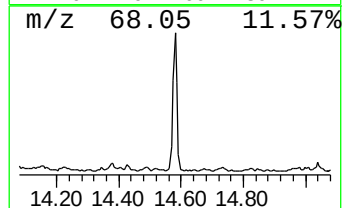
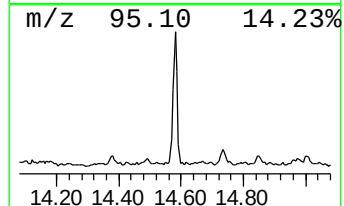
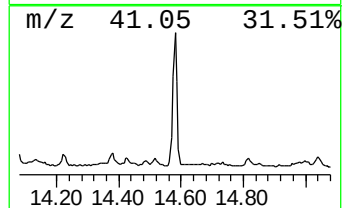
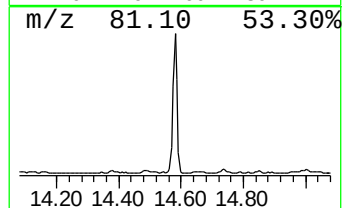
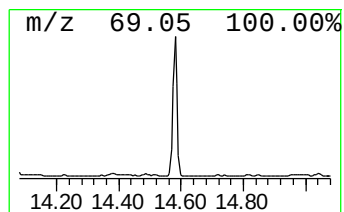
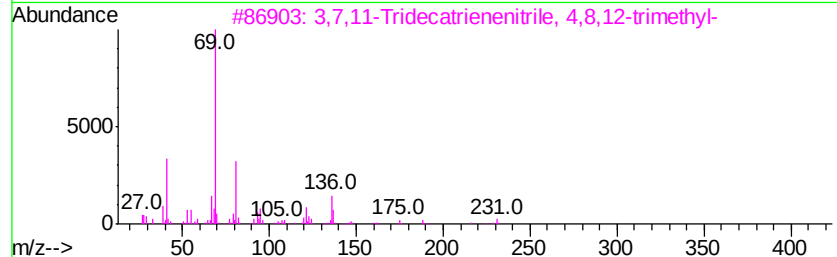
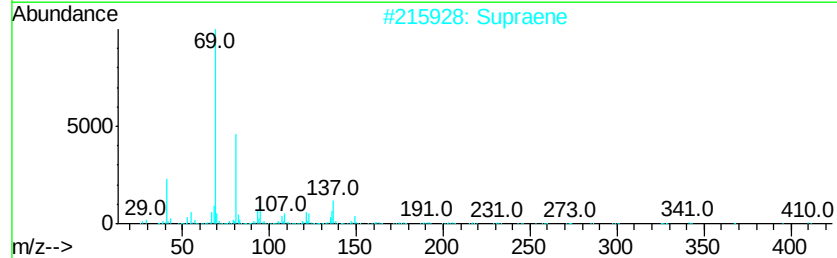
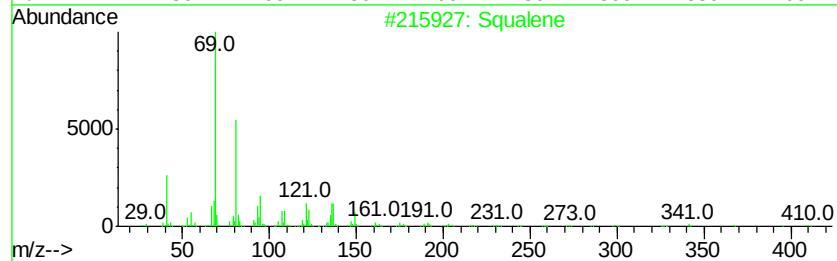
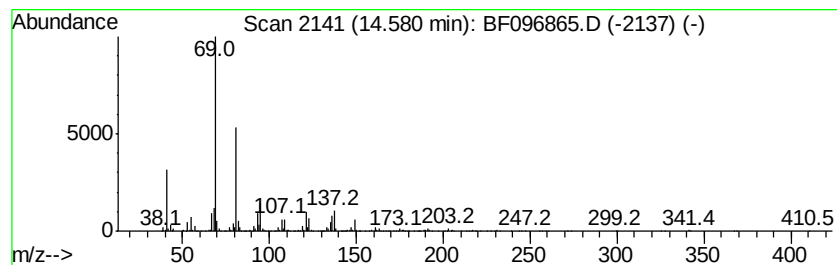
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Squalene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.58	82.34 ng	1233430	Perylene-d12	15.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	000111-02-4	98
2		Supraene	410	C30H50	007683-64-9	91
3		3,7,11-Tridecatrienitrile, 4,8...	231	C16H25N	006006-01-5	78
4		1,5-Heptadiene, 3,3,6-trimethyl-	138	C10H18	035387-63-4	52
5		2,3,5-Trimethyl-2,3,5-hexanetric...	203	C12H17N3	003974-79-6	50



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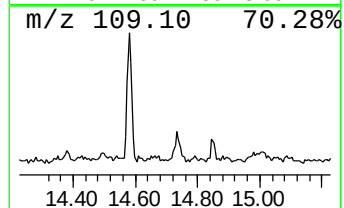
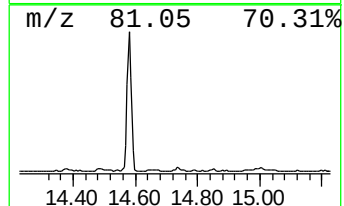
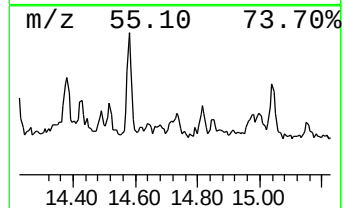
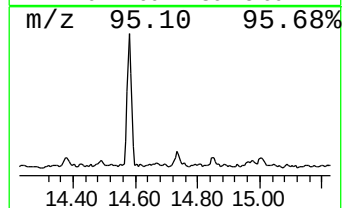
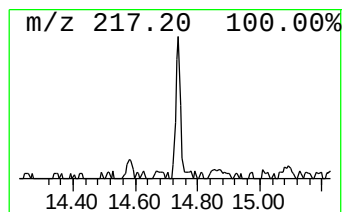
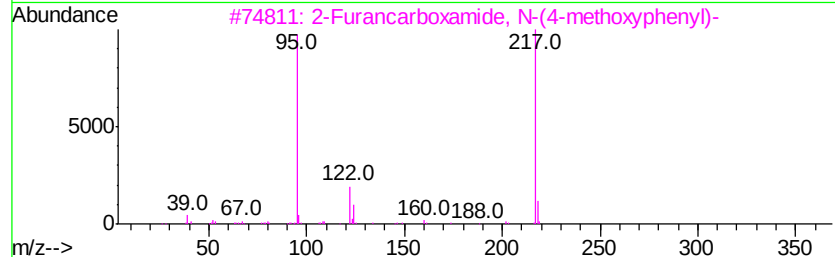
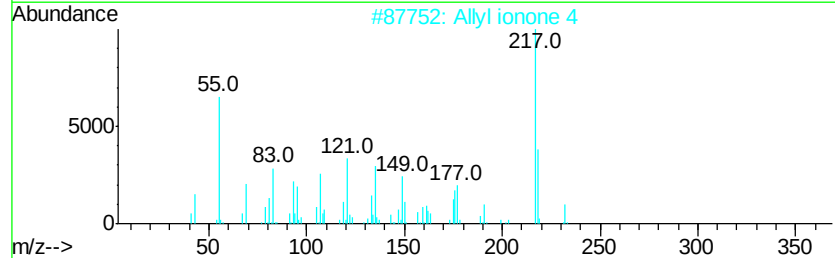
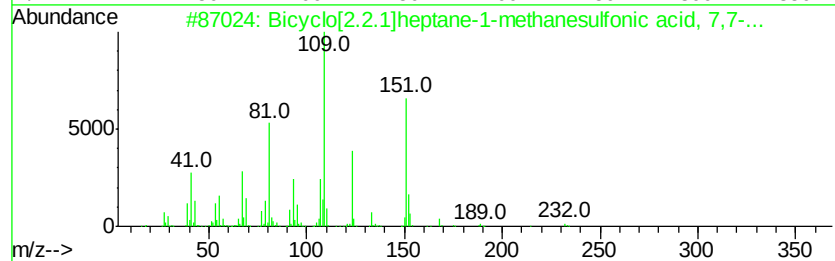
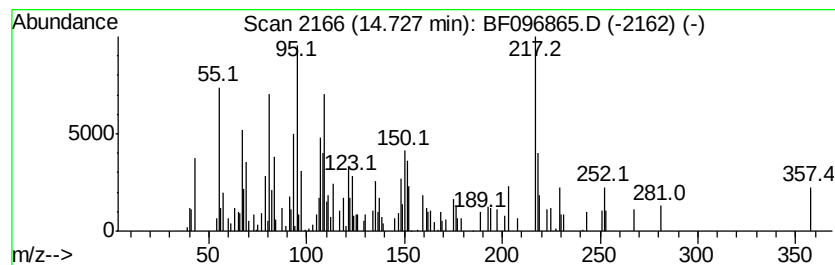
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 unknown14.73 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	13.84 ng	207299	Perylene-d12	15.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[2.2.1]heptane-1-methanes...	232	C10H16O4S	005872-08-2	25
2		Allyl ionone 4	232	C16H24O	1000284-93-0	25
3		2-Furancarboxamide, N-(4-methoxy...	217	C12H11NO3	1000307-03-8	22
4		Pyrene, 1-decylhexadecahydro-	358	C26H46	055191-41-8	16
5		Pyridine, 3-butyl-, 1-oxide	151	C9H13NO	031396-33-5	15



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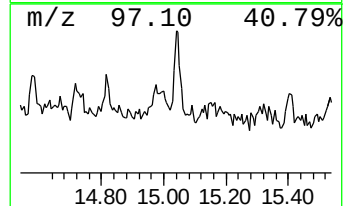
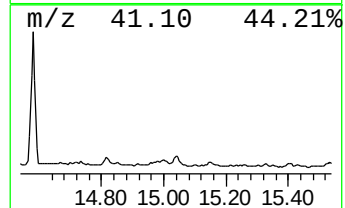
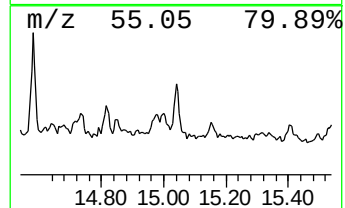
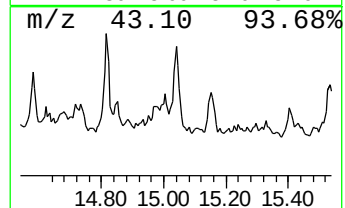
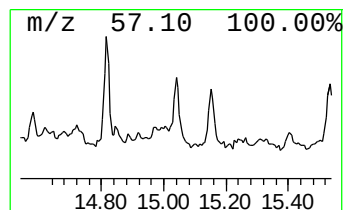
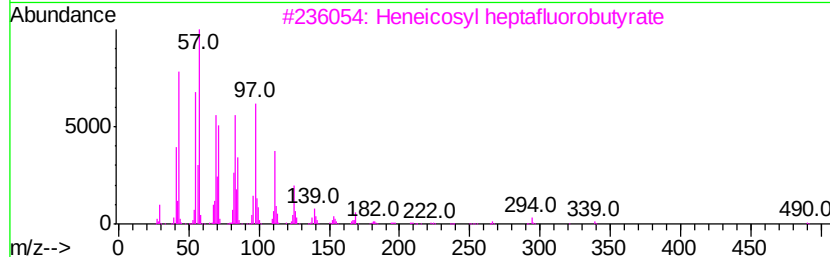
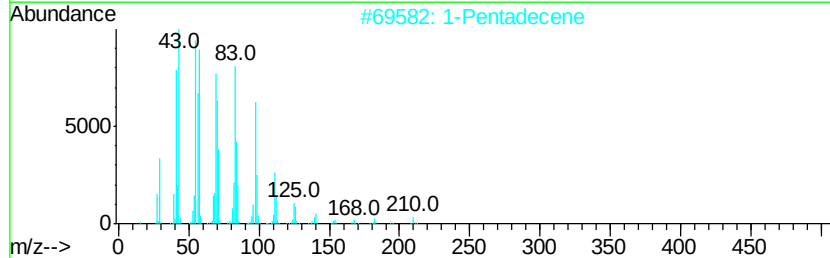
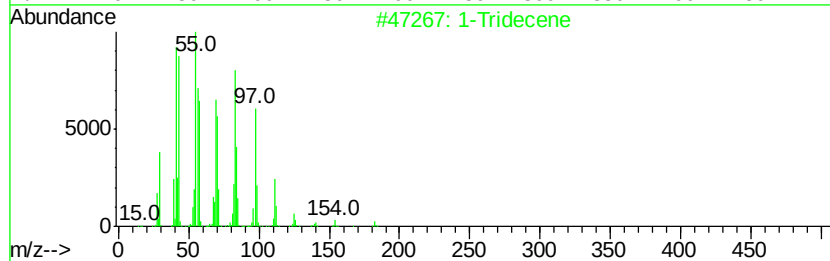
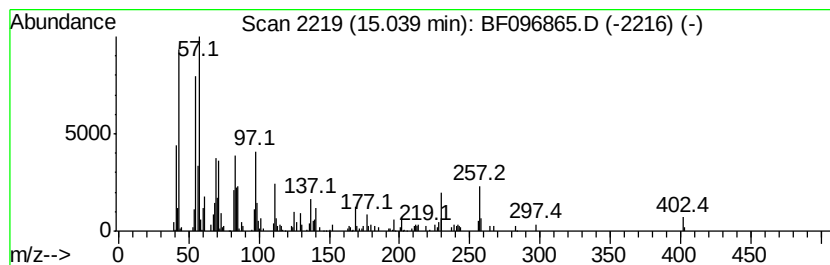
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 1-Tridecene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.04	16.30 ng	244153	Perylene-d12	15.10
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Tridecene	182 C13H26	002437-56-1	60
2	1-Pentadecene	210 C15H30	013360-61-7	60
3	Heneicosyl heptafluorobutvrate	508 C25H43F7O2	1000351-83-8	58
4	Carbonic acid, heptadecyl isobut...	356 C22H44O3	1000314-61-4	58
5	Tricosyl trifluoroacetate	436 C25H47F3O2	1000351-75-1	58



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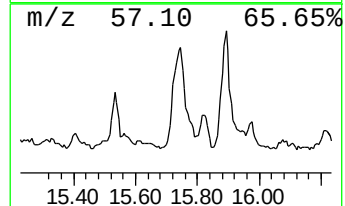
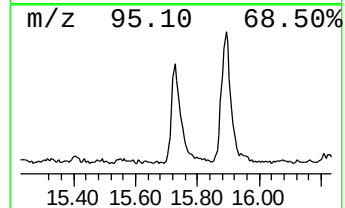
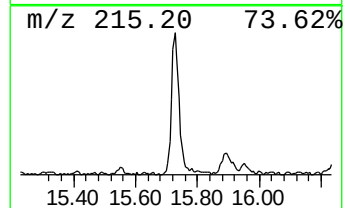
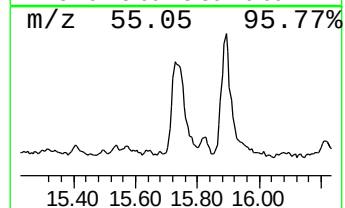
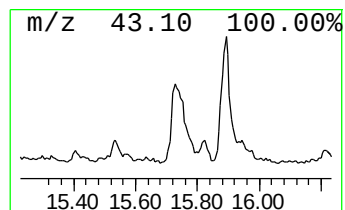
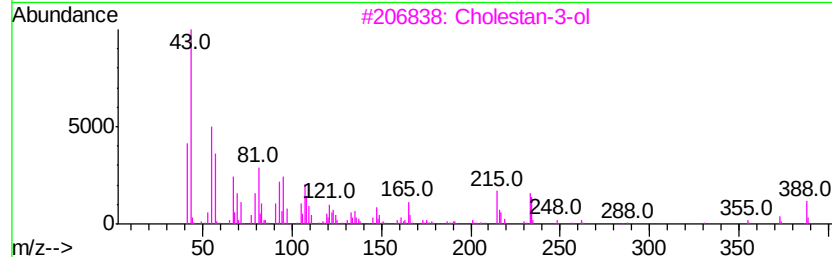
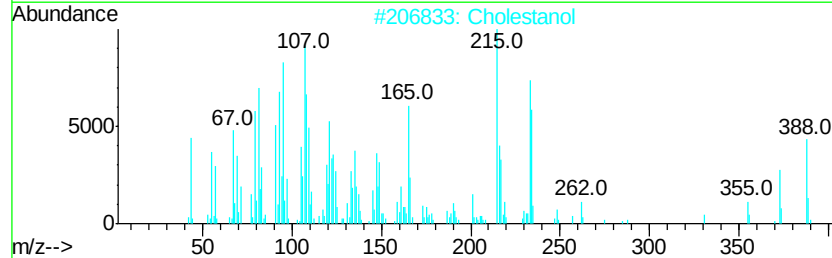
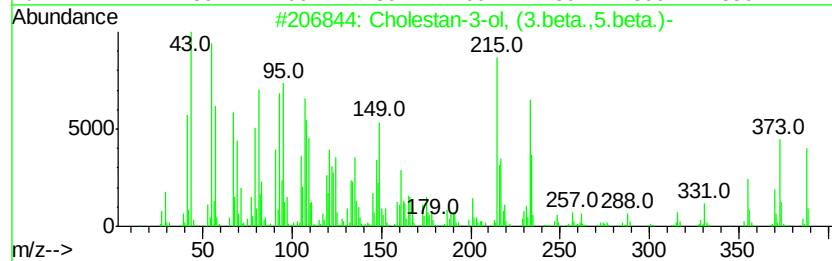
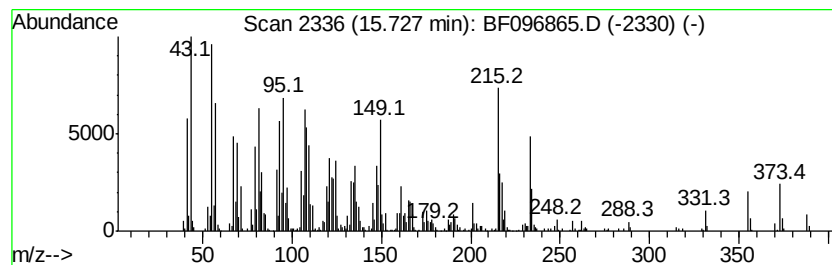
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Cholestan-3-ol, (3.beta.,5.... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	148.12 ng	2218790	Perylene-d12	15.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cholestan-3-ol, (3.beta.,5.beta.)-	388	C27H48O	000360-68-9	83
2		Cholestanol	388	C27H48O	000080-97-7	80
3		Cholestan-3-ol	388	C27H48O	027409-41-2	55
4		Epicholestanol	388	C27H48O	000516-95-0	45
5		2,3-Dichlorothiophene-5-sulfonyl...	250	C4HCl3O2S2	126714-85-0	38



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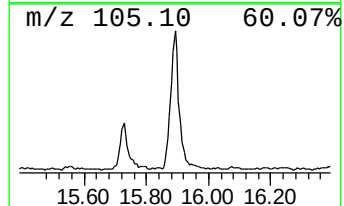
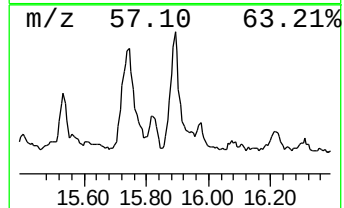
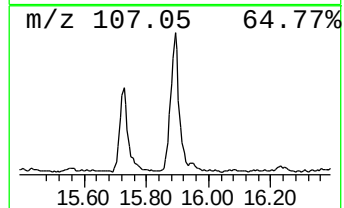
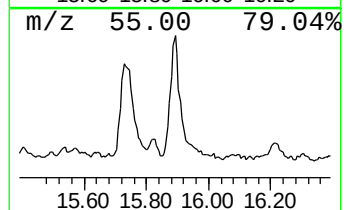
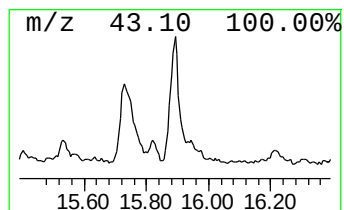
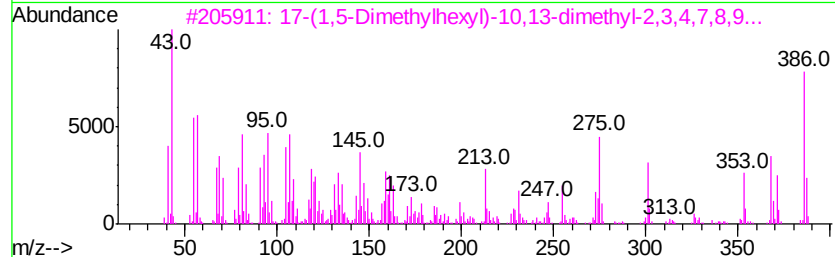
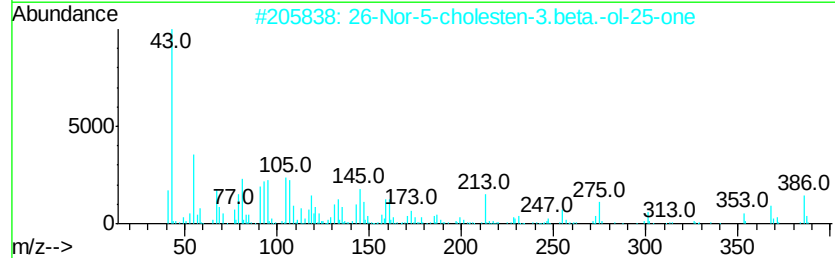
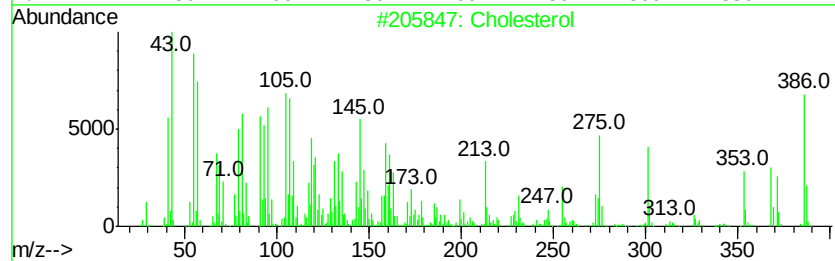
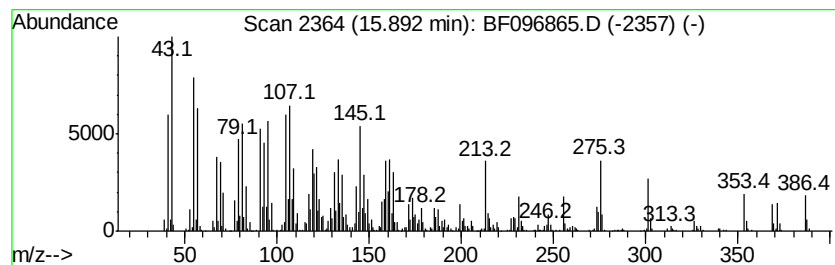
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Cholesterol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.89	188.48 ng	2823440	Perylene-d12	15.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cholesterol	386	C27H46O	000057-88-5	99
2		26-Nor-5-cholesten-3.beta.-ol-25...	386	C26H42O2	007494-34-0	97
3		17-(1,5-Dimethylhexyl)-10,13-dim...	386	C27H46O	1000210-38-4	97
4		Cholestane-3,5-diol, 5-acetate, ...	446	C29H50O3	041721-93-1	58
5		Cholesta-3,5-diene	368	C27H44	000747-90-0	53



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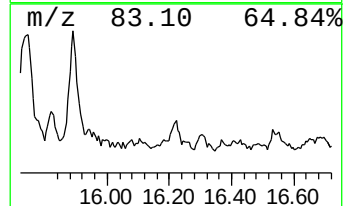
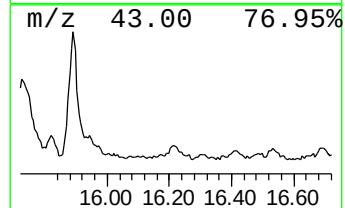
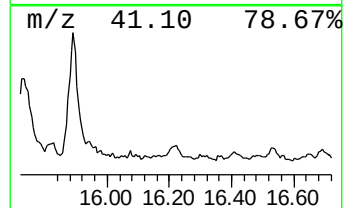
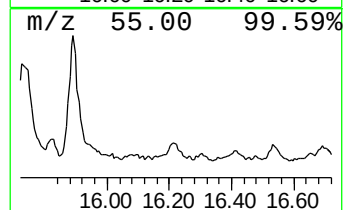
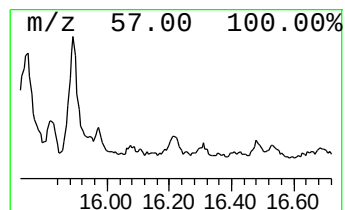
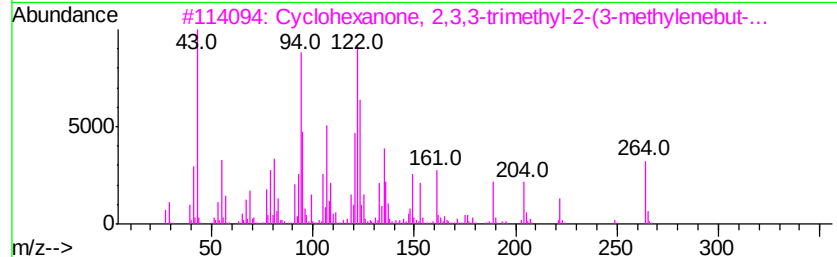
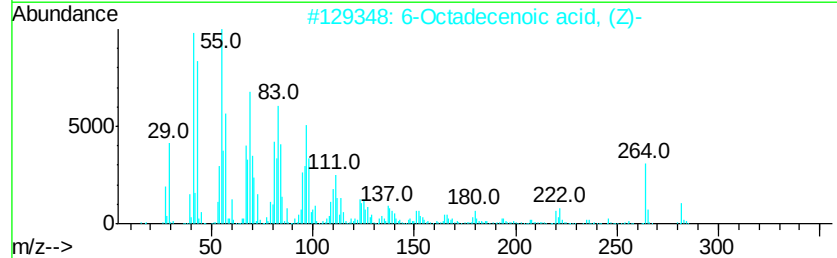
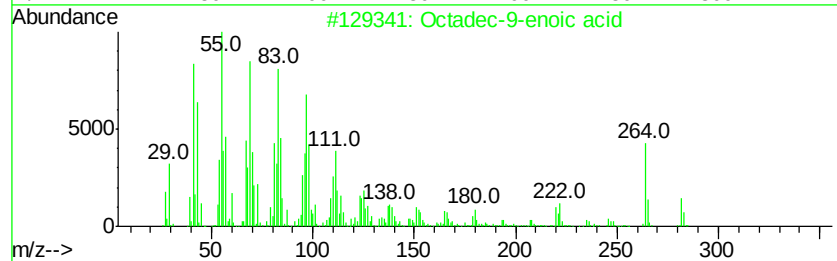
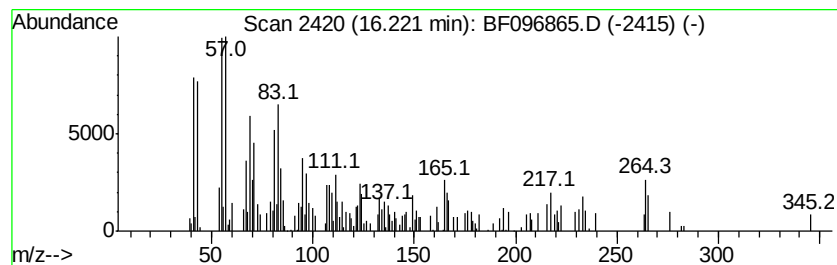
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 unknown16.22 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.22	16.45 ng	246415	Perylene-d12	15.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadec-9-enoic acid	282	C18H34O2	1000190-13-7	27
2		6-Octadecenoic acid, (Z)-	282	C18H34O2	000593-39-5	22
3		Cyclohexanone, 2,3,3-trimethyl-2...	264	C16H24O3	1000196-64-8	18
4		Oleic acid, butyl ester	338	C22H42O2	000142-77-8	16
5		n-Propyl 11-octadecenoate	324	C21H40O2	1000336-71-7	14



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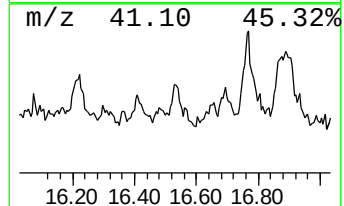
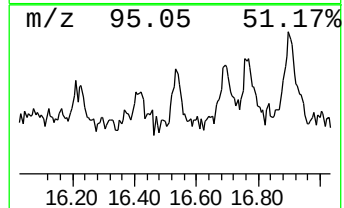
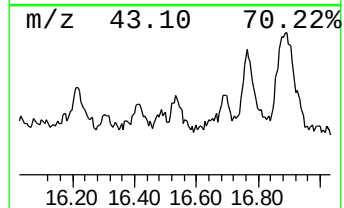
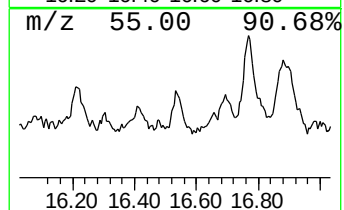
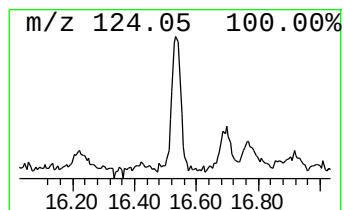
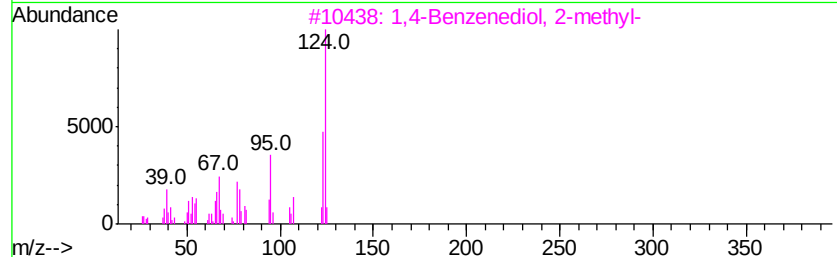
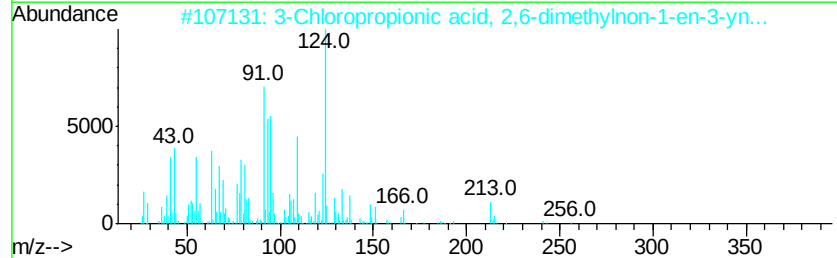
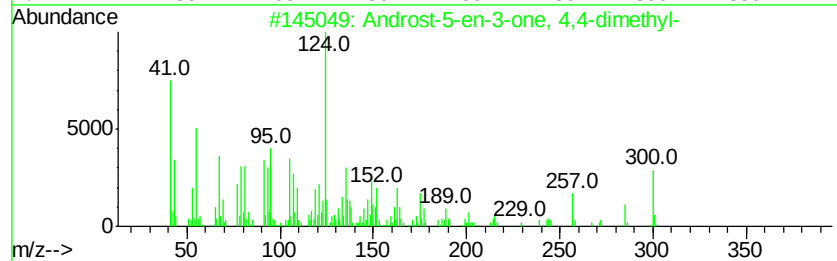
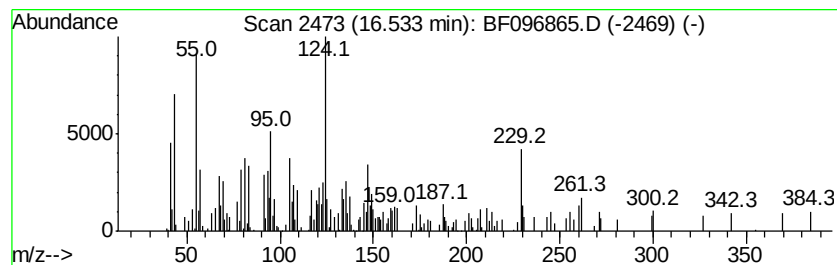
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Androst-5-en-3-one, 4,4-dim... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.53	18.63 ng	279083	Perylene-d12	15.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Androst-5-en-3-one, 4,4-dimethyl-	300	C21H32O	005062-43-1	70
2		3-Chloropropionic acid, 2,6-dime...	256	C14H21ClO2	1000299-21-8	45
3		1,4-Benzenediol, 2-methyl-	124	C7H8O2	000095-71-6	43
4		Benzenemethanol, 3-hydroxy-	124	C7H8O2	000620-24-6	38
5		Tricyclo[7.3.1.0(3,8)]trideca-5,...	218	C14H18O2	1000157-63-5	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
Data File : BF096865.D
Acq On : 19 Jul 2017 1:12
Operator : SJ/JU
Sample : I4234-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
M-COMB-02

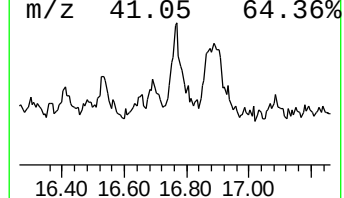
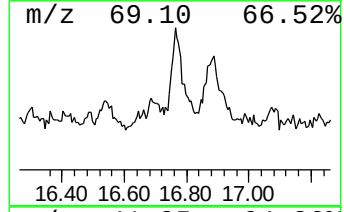
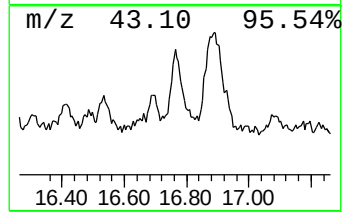
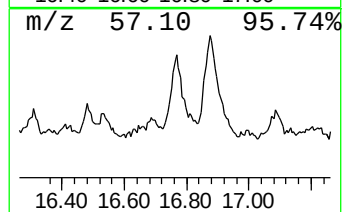
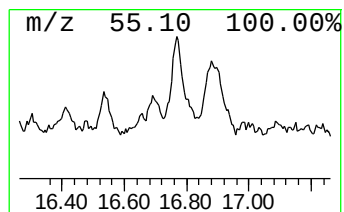
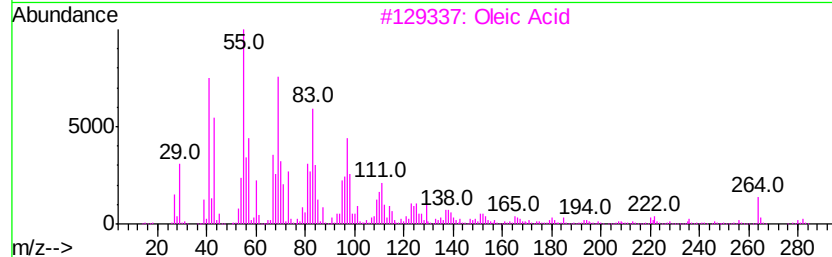
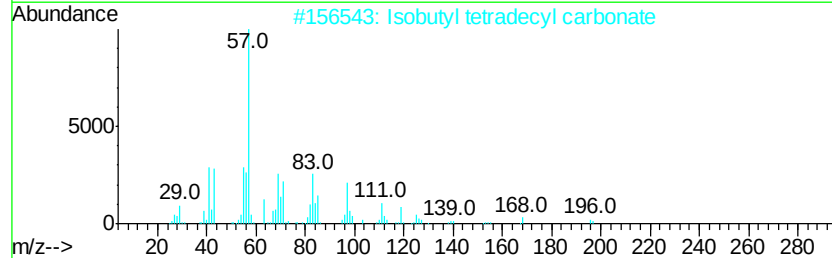
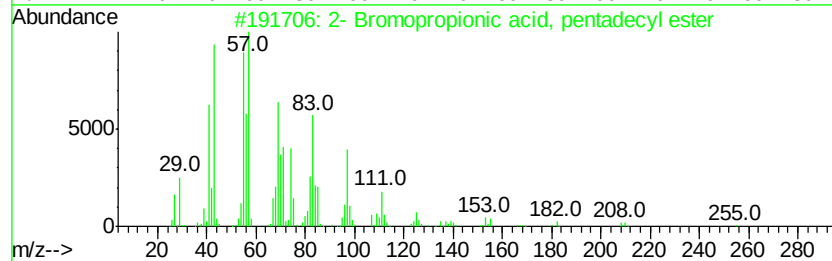
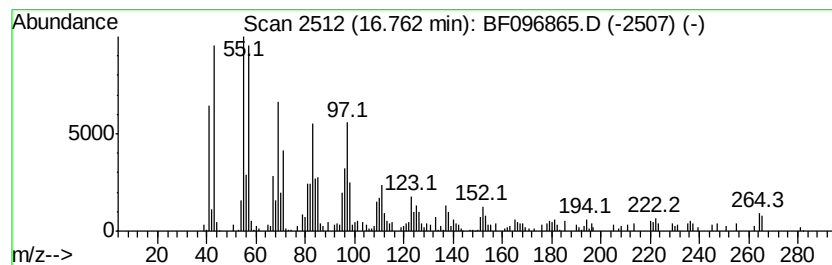
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 2- Bromopropionic acid, pen... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.76	27.84 ng	417006	Perylene-d12	15.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2- Bromopropionic acid, pentadec...	362	C18H35BrO2	1000292-44-2	74
2		Isobutyl tetradecyl carbonate	314	C19H38O3	959275-58-2	72
3		Oleic Acid	282	C18H34O2	000112-80-1	70
4		cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	68
5		cis-Vaccenic acid	282	C18H34O2	000506-17-2	64



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Data File : BF096865.D
Acq On : 19 Jul 2017 1:12
Operator : SJ/JU
Sample : I4234-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

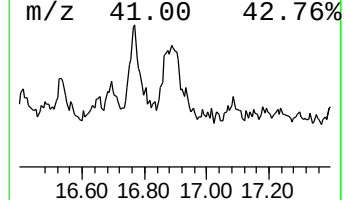
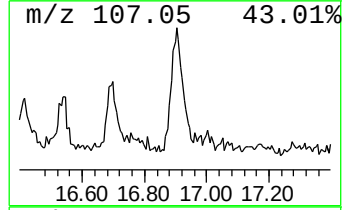
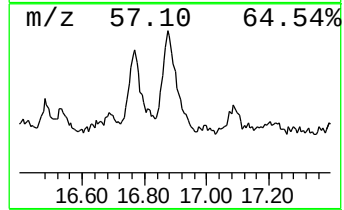
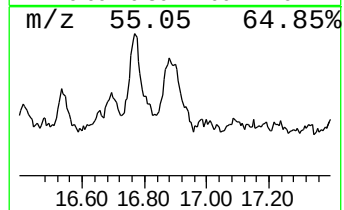
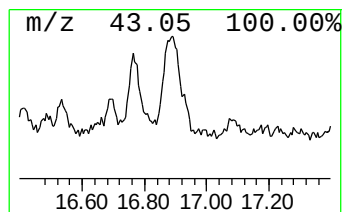
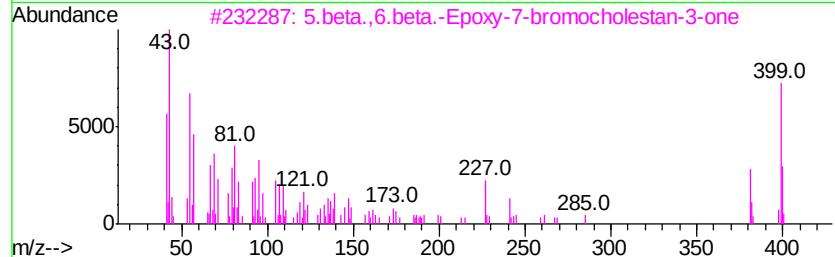
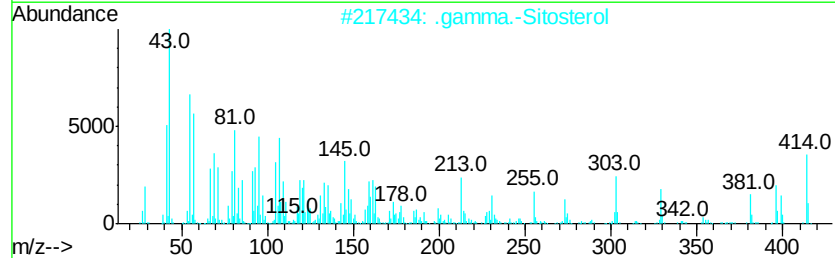
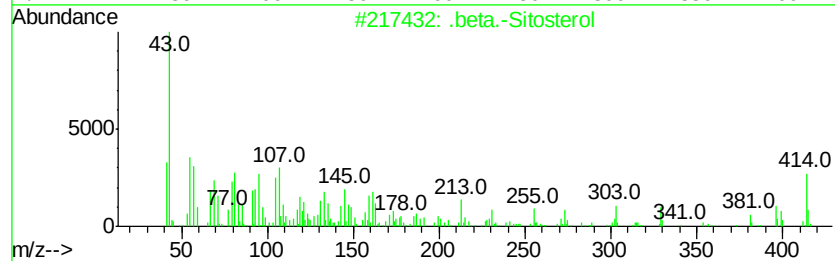
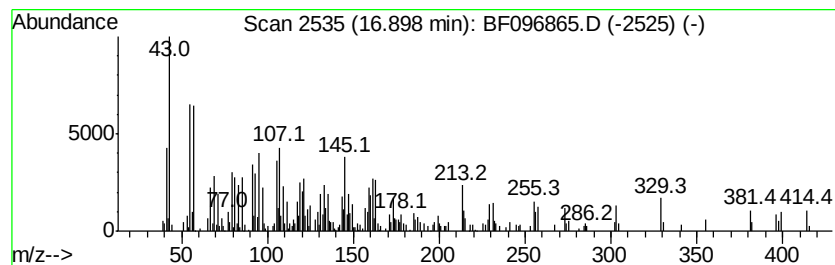
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 .beta.-Sitosterol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.90	57.91 ng	867470	Perylene-d12	15.10	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Sitosterol	414	C29H50O	000083-46-5	97
2	.gamma.-Sitosterol	414	C29H50O	000083-47-6	96
3	5.beta.,6.beta.-Epoxy-7-bromocho...	478	C27H43BrO2	104825-82-3	27
4	Androst-5-en-17-one, 3-methoxy-1...	330	C22H34O2	055837-02-0	25
5	Cholest-5-ene, 3-ethoxy-, (3.bet...	414	C29H50O	000986-19-6	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071817\
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Misc :
ALS Vial : 32 Sample Multiplier: 1

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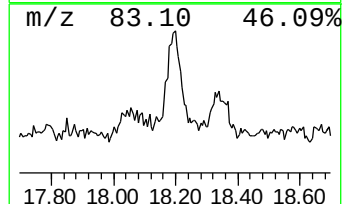
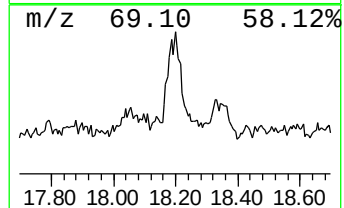
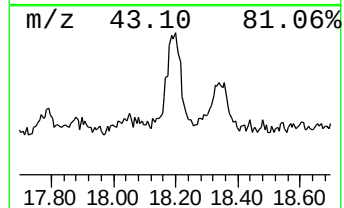
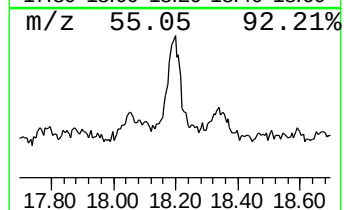
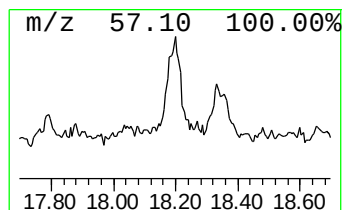
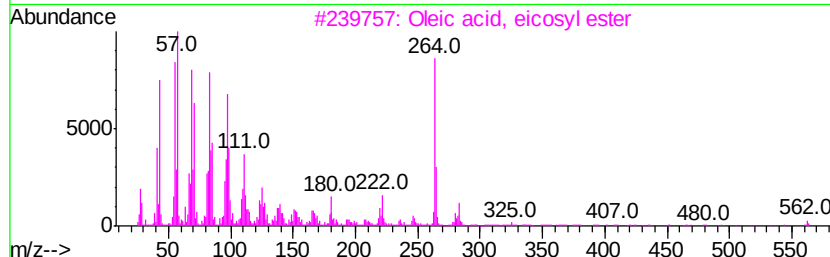
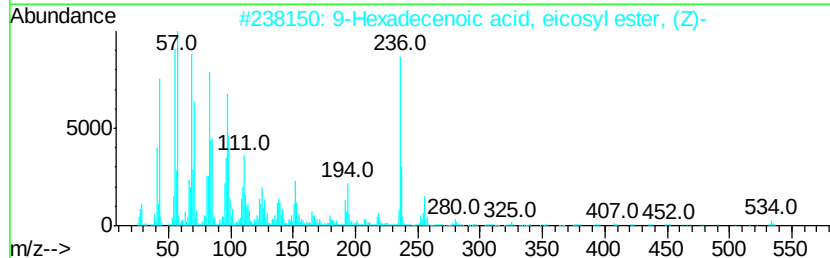
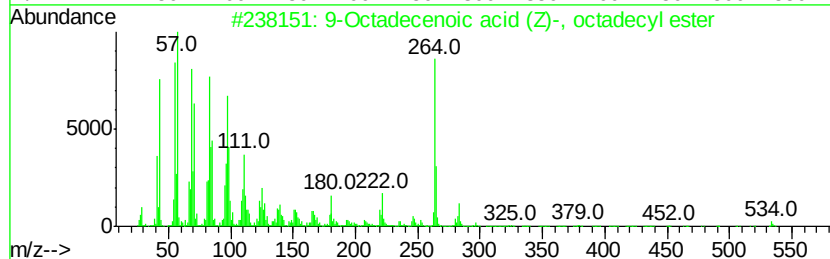
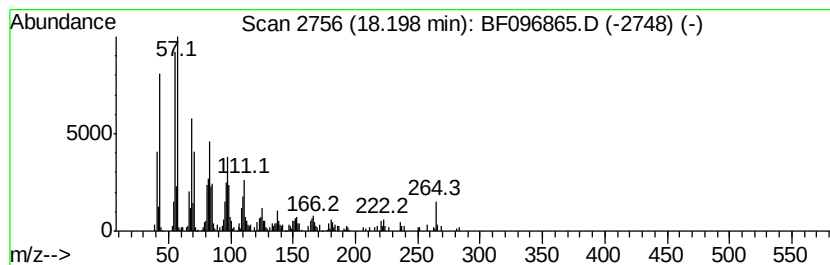
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 9-Octadecenoic acid (Z)-, o... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.20	37.23 ng	557774	Perylene-d12	15.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenoic acid (Z)-, octade...	535	C36H70O2	017673-49-3	87
2		9-Hexadecenoic acid, eicosyl est...	535	C36H70O2	022522-34-5	86
3		Oleic acid, eicosyl ester	563	C38H74O2	022393-88-0	86
4		Octacosyl heptafluorobutyrte	606	C32H57F7O2	1000351-83-6	68
5		Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	68



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 Misc :
 ALS Vial : 32 Sample Multiplier: 1

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.77	28.7	ng	737053	1	6.60	513225	20.0
1,6-Octadien-3-ol...	7.22	16.3	ng	418593	1	6.60	513225	20.0
Cyclohexanol, 5-m...	7.80	24.2	ng	828206	2	7.88	684714	20.0
Ethanol, 2-phenoxy-	8.05	26.1	ng	892794	2	7.88	684714	20.0
Caffeine	11.30	54.7	ng	1926740	4	11.10	704757	20.0
1-Hexadecanol	11.35	15.9	ng	560219	4	11.10	704757	20.0
Octyl thioglycolate	11.69	119.0	ng	4191920	4	11.10	704757	20.0
1-Octadecene	12.16	17.3	ng	610053	4	11.10	704757	20.0
Octadecanoic acid	12.45	13.0	ng	422494	5	13.73	648858	20.0
Hexadecane, 7-met...	13.60	12.9	ng	419477	5	13.73	648858	20.0
Squalene	14.58	82.3	ng	1233430	6	15.10	299604	20.0
unknown14.73	14.73	13.8	ng	207299	6	15.10	299604	20.0
1-Tridecene	15.04	16.3	ng	244153	6	15.10	299604	20.0
Cholestan-3-ol, (...)	15.73	148.1	ng	2218790	6	15.10	299604	20.0
Cholesterol	15.89	188.5	ng	2823440	6	15.10	299604	20.0
unknown16.22	16.22	16.4	ng	246415	6	15.10	299604	20.0
Androst-5-en-3-on...	16.53	18.6	ng	279083	6	15.10	299604	20.0
2- Bromopropionic...	16.76	27.8	ng	417006	6	15.10	299604	20.0
.beta.-Sitosterol	16.90	57.9	ng	867470	6	15.10	299604	20.0
9-Octadecenoic ac...	18.20	37.2	ng	557774	6	15.10	299604	20.0