

Data Path : U:\HPCHEM1\BNA F\DATA\BF011518\
 Data File : BF102085.D
 Acq On : 16 Jan 2018 1:20
 Operator : SJ/JU
 Sample : J1127-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OCTOP2-01112018

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-BF010918.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.087	167	170	183	rBV	45135	89988	1.51%	0.092%
2	4.928	474	483	491	rBV	223005	347465	5.84%	0.355%
3	5.334	547	552	555	rBV	3761421	4142725	69.67%	4.231%
4	5.993	661	664	667	rBV	130190	105111	1.77%	0.107%
5	6.363	721	727	731	rVB	3564957	4253256	71.53%	4.344%
6	6.493	744	749	752	rBV	4222514	4090746	68.80%	4.178%
7	6.722	784	788	791	rBV	1232427	1024122	17.22%	1.046%
8	6.875	810	814	818	rBV	3722041	3626462	60.99%	3.704%
9	7.287	877	884	887	rBV	2551543	2625338	44.15%	2.681%
10	8.004	998	1006	1008	rBV	1353876	1332558	22.41%	1.361%
11	8.328	1057	1061	1067	rBV	103171	114683	1.93%	0.117%
12	8.563	1097	1101	1104	rBV	400124	354802	5.97%	0.362%
13	9.081	1183	1189	1192	rVV	4217779	3717852	62.53%	3.797%
14	9.410	1242	1245	1247	rVV	150245	117607	1.98%	0.120%
15	9.475	1252	1256	1261	rVB	1041150	822548	13.83%	0.840%
16	9.751	1298	1303	1306	rBV2	1129146	1079324	18.15%	1.102%
17	9.875	1321	1324	1326	rBV	237189	188284	3.17%	0.192%
18	9.910	1326	1330	1333	rVB	109566	114127	1.92%	0.117%
19	9.963	1336	1339	1341	rVV	231566	193230	3.25%	0.197%
20	10.469	1419	1425	1428	rBV	1708374	1510348	25.40%	1.542%
21	10.510	1429	1432	1434	rVV2	180142	205314	3.45%	0.210%
22	10.539	1434	1437	1441	rVV	1781748	1673041	28.14%	1.709%
23	10.575	1441	1443	1448	rVB5	91148	98884	1.66%	0.101%
24	10.663	1454	1458	1461	rBV	223813	205191	3.45%	0.210%
25	10.786	1475	1479	1483	rBV	212580	216455	3.64%	0.221%
26	10.904	1495	1499	1503	rBV2	174042	265907	4.47%	0.272%
27	11.033	1518	1521	1526	rVB2	83979	88908	1.50%	0.091%
28	11.233	1550	1555	1558	rVV	963879	908563	15.28%	0.928%
29	11.269	1558	1561	1563	rVV2	145018	138059	2.32%	0.141%
30	11.292	1563	1565	1569	rVB	306072	256088	4.31%	0.262%
31	11.345	1571	1574	1577	rBV	144317	129661	2.18%	0.132%
32	11.610	1616	1619	1624	rBV4	141329	211496	3.56%	0.216%
33	11.669	1624	1629	1632	rVB3	179110	187009	3.15%	0.191%
34	11.733	1635	1640	1641	rBV	129012	144609	2.43%	0.148%

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.775	1644	1647	1650	rVV	937952	785307	13.21%	0.802%
36	11.922	1668	1672	1674	rBV5	106869	140025	2.35%	0.143%
37	11.945	1674	1676	1680	rVB4	126383	137208	2.31%	0.140%
38	12.086	1697	1700	1704	rBV2	263457	244491	4.11%	0.250%
39	12.175	1711	1715	1718	rVB3	90591	127108	2.14%	0.130%
40	12.280	1730	1733	1735	rBV2	131924	126587	2.13%	0.129%
41	12.374	1745	1749	1753	rBV2	439021	470245	7.91%	0.480%
42	12.480	1762	1767	1769	rVV4	371666	530607	8.92%	0.542%
43	12.504	1769	1771	1774	rVV	317385	254975	4.29%	0.260%
44	12.557	1777	1780	1785	rVB	280361	254817	4.29%	0.260%
45	12.645	1792	1795	1797	rBV2	113487	103942	1.75%	0.106%
46	12.774	1814	1817	1819	rBV	523339	421468	7.09%	0.430%
47	12.822	1819	1825	1828	rVB	2452827	2365702	39.79%	2.416%
48	12.916	1838	1841	1845	rBV3	142417	186519	3.14%	0.190%
49	13.027	1857	1860	1863	rBV	306089	306841	5.16%	0.313%
50	13.127	1873	1877	1881	rVB5	138249	218061	3.67%	0.223%
51	13.192	1886	1888	1890	rVV	130062	112282	1.89%	0.115%
52	13.216	1890	1892	1894	rVV	370327	314252	5.29%	0.321%
53	13.251	1895	1898	1899	rVV	380967	366614	6.17%	0.374%
54	13.269	1899	1901	1907	rVV2	301513	453487	7.63%	0.463%
55	13.322	1908	1910	1916	rVB2	250300	337662	5.68%	0.345%
56	13.516	1940	1943	1946	rBV2	143701	130627	2.20%	0.133%
57	13.716	1973	1977	1984	rBV	1617669	1591164	26.76%	1.625%
58	13.869	1999	2003	2005	rBV	814138	719996	12.11%	0.735%
59	14.039	2029	2032	2035	rBV	173973	175381	2.95%	0.179%
60	14.163	2050	2053	2056	rVB3	168677	163201	2.74%	0.167%
61	14.351	2081	2085	2091	rVB	1932508	2092474	35.19%	2.137%
62	14.398	2091	2093	2097	rVB	211139	220319	3.71%	0.225%
63	14.639	2132	2134	2137	rBV	152804	150786	2.54%	0.154%
64	14.710	2141	2146	2150	rVB	1209354	1386454	23.32%	1.416%
65	14.780	2155	2158	2164	rVB3	210263	291939	4.91%	0.298%
66	14.851	2166	2170	2178	rBV5	281690	691466	11.63%	0.706%
67	14.916	2178	2181	2185	rBV	218492	269752	4.54%	0.275%
68	14.963	2185	2189	2192	rBV	2221672	2898371	48.74%	2.960%
69	15.039	2199	2202	2209	rVB	325998	407063	6.85%	0.416%
70	15.204	2227	2230	2235	rVB3	197438	258786	4.35%	0.264%
71	15.280	2239	2243	2246	rVV	579459	722301	12.15%	0.738%

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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	15.315	2247	2249	2253	rVV2	264757	347025	5.84%	0.354%
73	15.351	2253	2255	2260	rVV2	186952	268715	4.52%	0.274%
74	15.415	2263	2266	2274	rVB2	194867	311961	5.25%	0.319%
75	15.510	2279	2282	2286	rVB	220399	257029	4.32%	0.262%
76	15.557	2286	2290	2297	rBV3	134259	248448	4.18%	0.254%
77	15.627	2298	2302	2311	rBV	666722	985195	16.57%	1.006%
78	15.733	2315	2320	2324	rBV	1782879	2753775	46.31%	2.812%
79	15.780	2324	2328	2335	rVB	831206	1151712	19.37%	1.176%
80	15.851	2335	2340	2346	rBV	371609	751333	12.64%	0.767%
81	15.986	2358	2363	2372	rVB	986136	1844118	31.01%	1.883%
82	16.492	2444	2449	2454	rBV2	194356	390613	6.57%	0.399%
83	16.715	2483	2487	2492	rVB2	502186	842386	14.17%	0.860%
84	16.780	2492	2498	2502	rBV2	673974	1243615	20.92%	1.270%
85	16.833	2503	2507	2508	rBV3	215658	323820	5.45%	0.331%
86	16.957	2522	2528	2542	rVB8	512061	1883524	31.68%	1.924%
87	17.074	2545	2548	2560	rVB10	216950	478400	8.05%	0.489%
88	17.251	2566	2578	2581	rBV3	1940076	5945991	100.00%	6.072%
89	17.292	2581	2585	2586	rBV2	744569	877716	14.76%	0.896%
90	17.427	2598	2608	2615	rBV3	527077	1455828	24.48%	1.487%
91	17.539	2620	2627	2634	rBV3	933301	2304882	38.76%	2.354%
92	17.668	2641	2649	2654	rBV	1245402	3102579	52.18%	3.169%
93	17.768	2661	2666	2674	rVB5	811516	2037474	34.27%	2.081%
94	17.904	2684	2689	2695	rVB4	325589	718222	12.08%	0.733%
95	18.004	2696	2706	2721	rBV6	1216194	5500433	92.51%	5.617%
96	18.133	2722	2728	2733	rBV2	650309	1381438	23.23%	1.411%
97	18.286	2750	2754	2773	rVB2	288356	957599	16.10%	0.978%
98	18.456	2777	2783	2787	rBV4	171882	409666	6.89%	0.418%
99	19.003	2867	2876	2892	rVB3	614505	2088506	35.12%	2.133%
100	19.186	2897	2907	2921	rVB5	606355	2048939	34.46%	2.092%

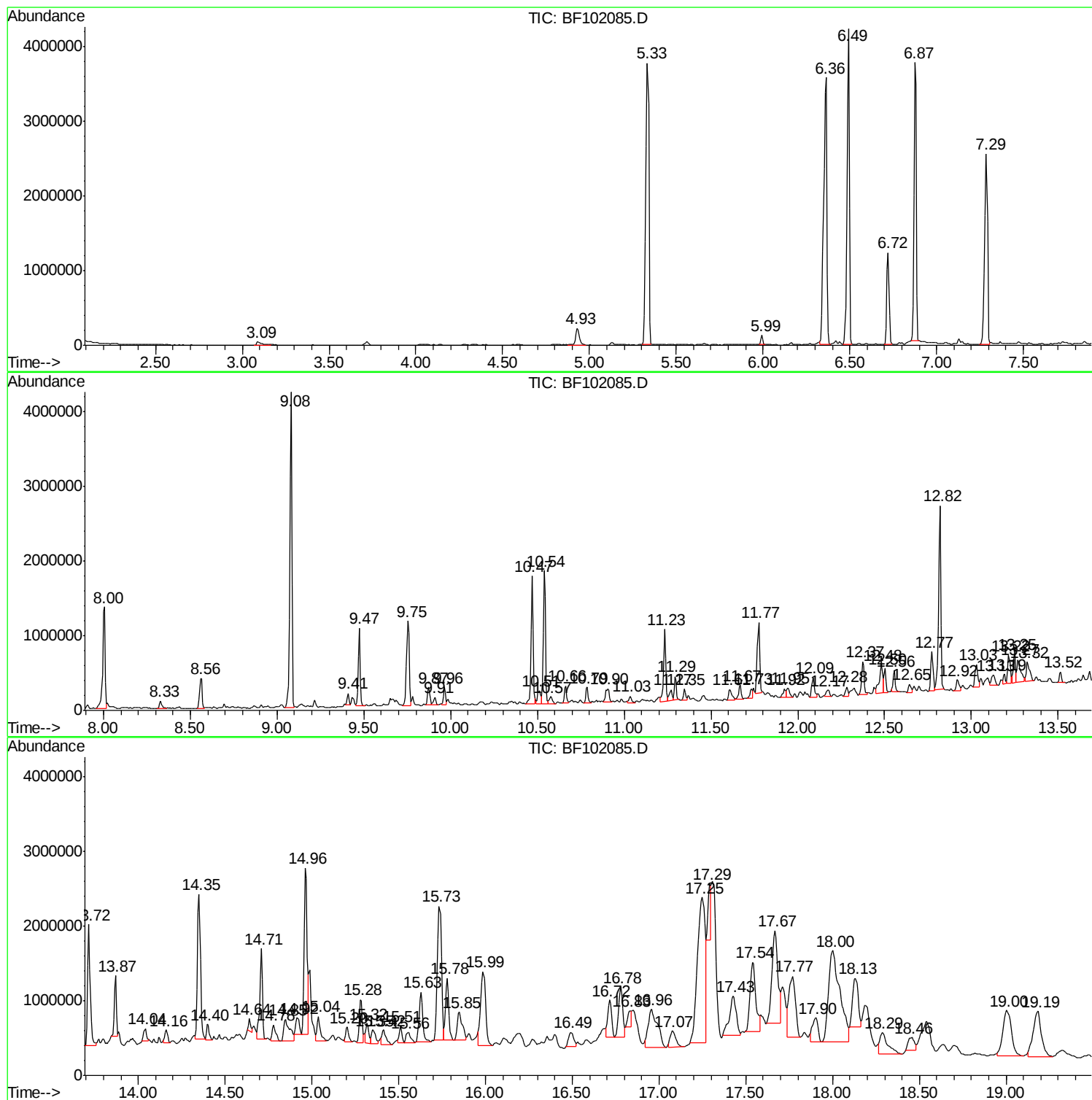
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Instrument :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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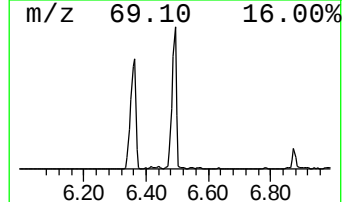
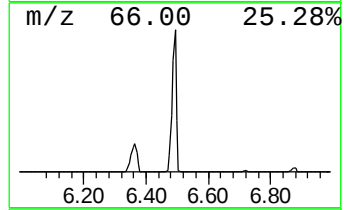
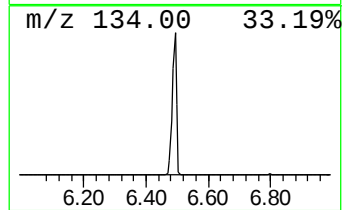
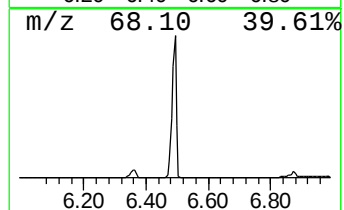
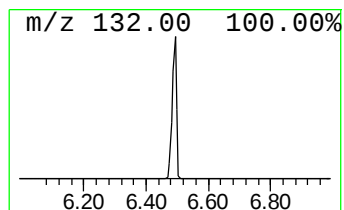
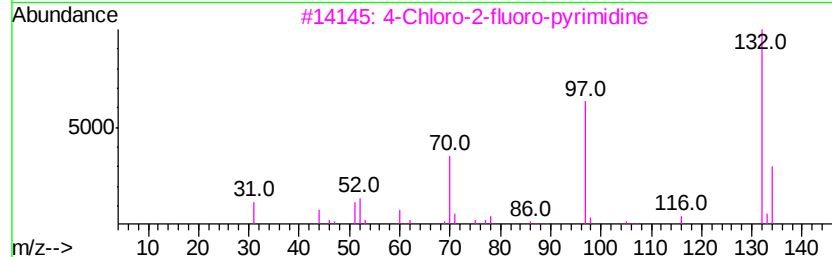
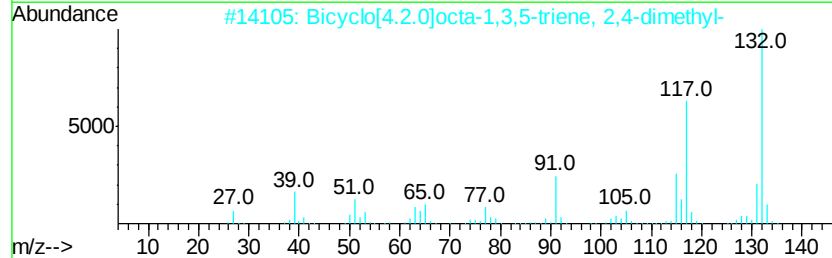
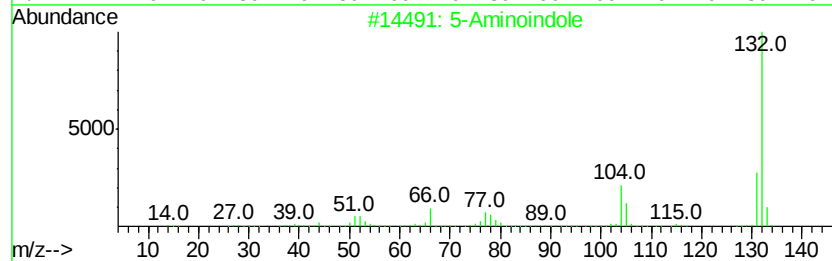
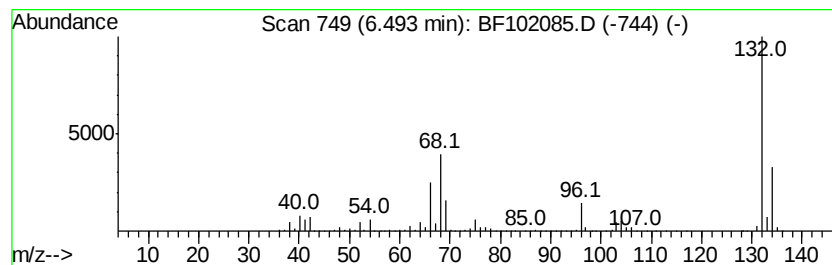
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.49 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	79.89 ng	4090750	1,4-Dichlorobenzene-d4	6.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Aminoindole	132	C8H8N2	005192-03-0	12
2		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
3		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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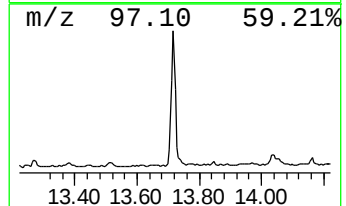
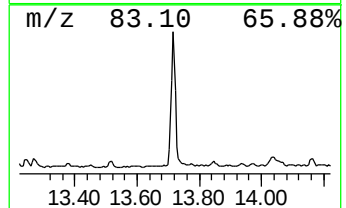
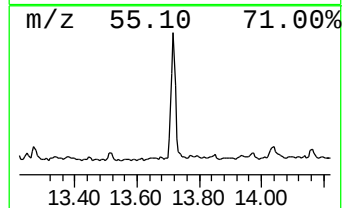
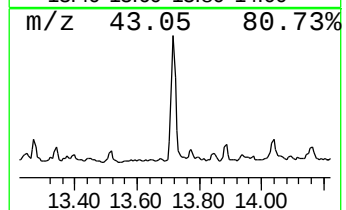
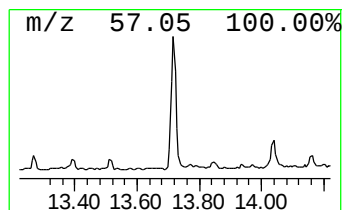
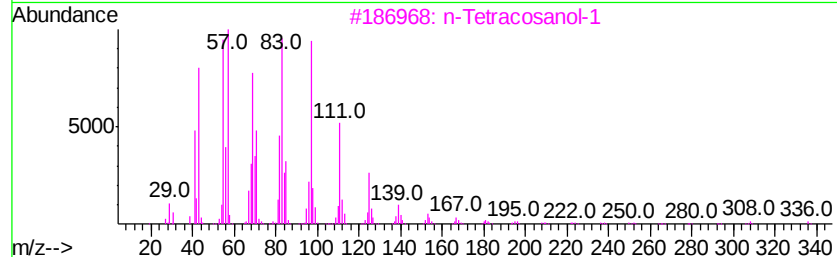
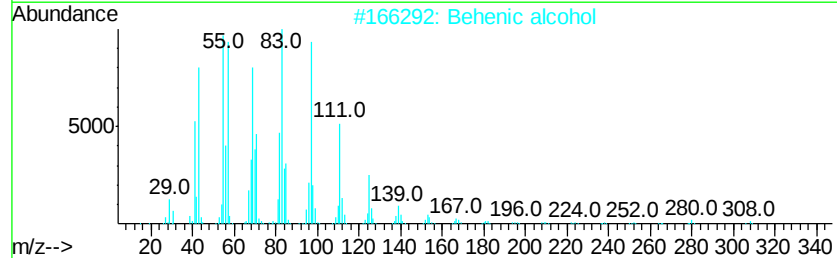
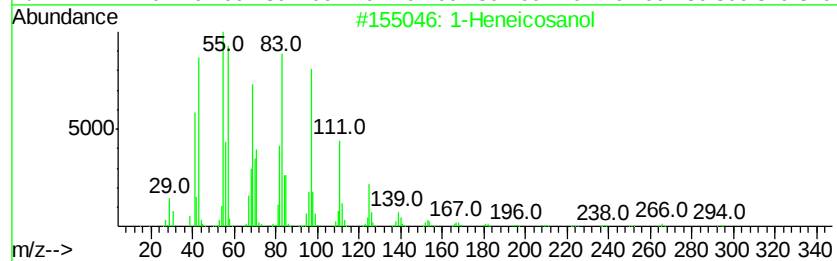
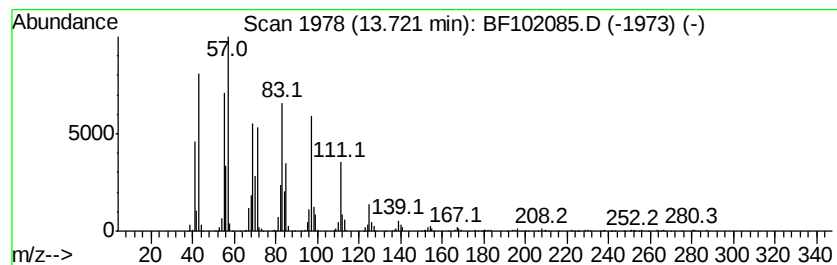
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 1-Heneicosanol Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	44.20 ng	1591160	Chrysene-d12	13.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Heneicosanol	312	C21H44O	015594-90-8	95
2		Behenic alcohol	326	C22H46O	000661-19-8	94
3		n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
5		n-Nonadecanol-1	284	C19H40O	001454-84-8	90



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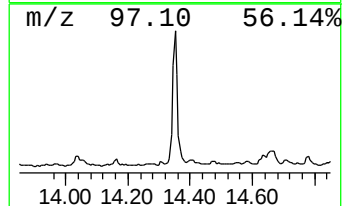
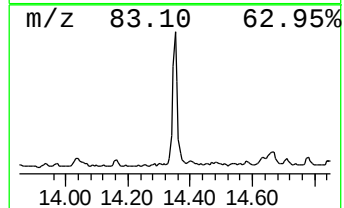
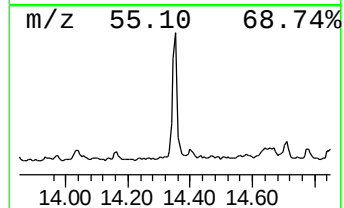
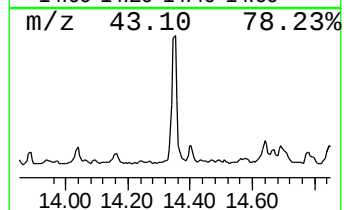
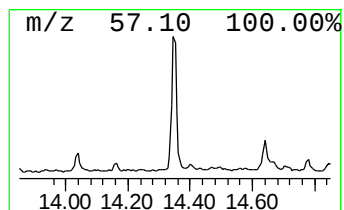
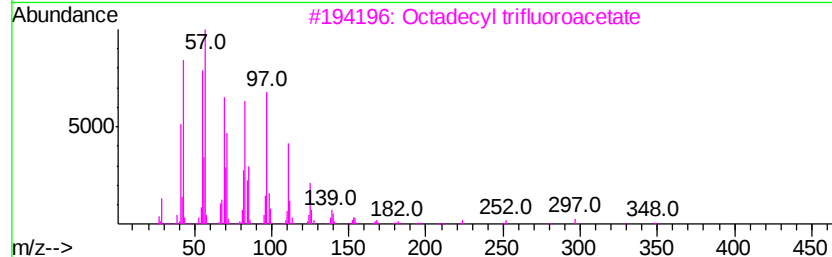
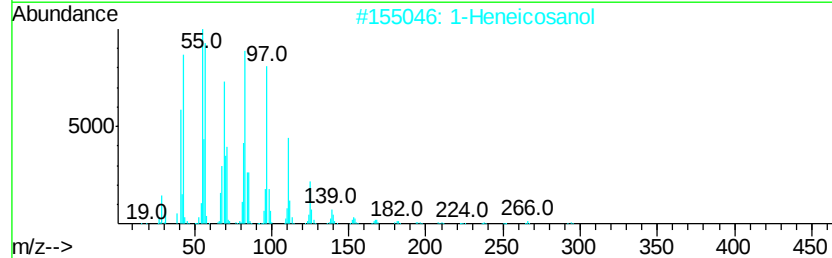
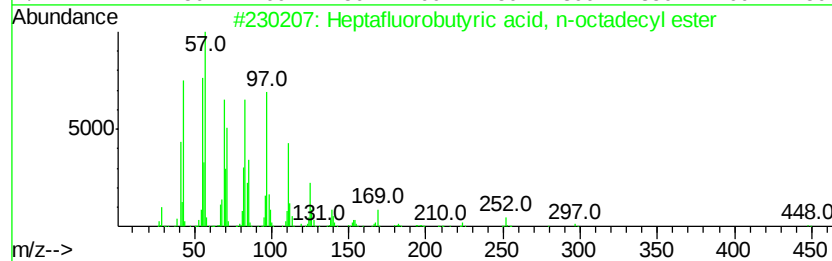
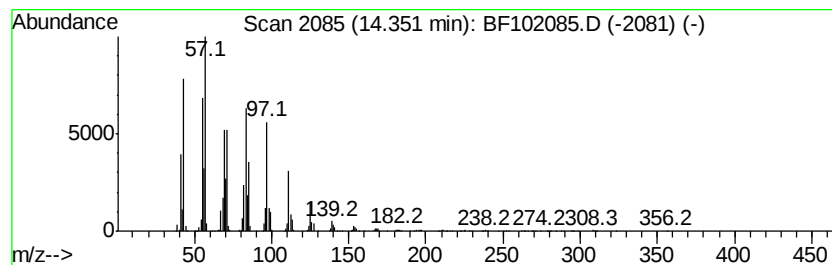
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Heptafluorobutyric acid, n-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.35	58.12 ng	2092470	Chrysene-d12	13.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptafluorobutyric acid, n-octadecyl...	466	C22H37F7O2	000400-57-7	94
2		1-Heneicosanol	312	C21H44O	015594-90-8	93
3		Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	91
4		Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	91
5		Tricosyl pentafluoropropionate	486	C26H47F5O2	1000351-81-0	91



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Sample : J1127-01
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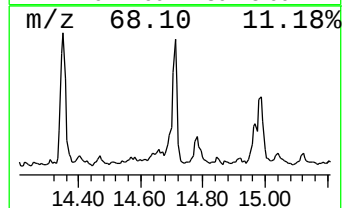
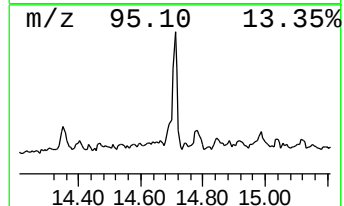
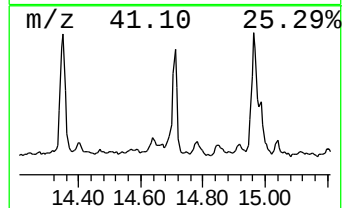
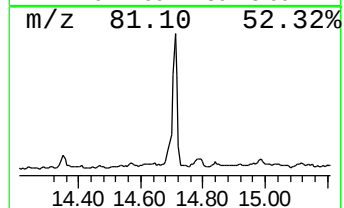
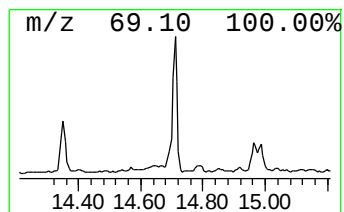
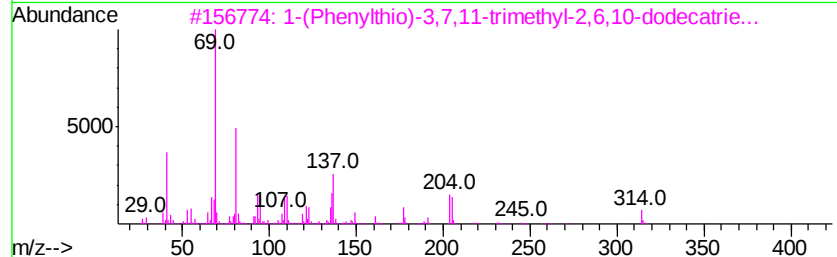
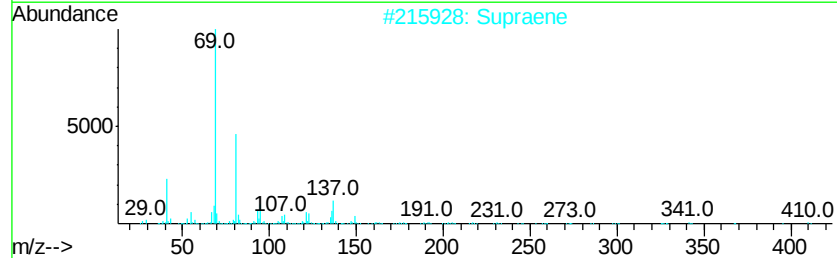
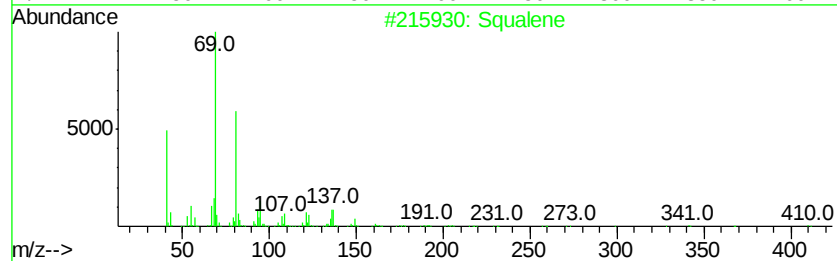
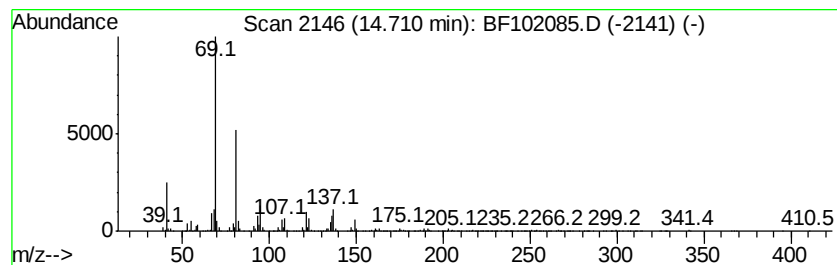
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Squalene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.71	38.39 ng	1386450	Perylene-d12	15.28	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	91
2	Supraene	410	C30H50	007683-64-9	87
3	1-(Phenylthio)-3,7,11-trimethyl-...	314	C21H30S	028413-57-2	78
4	Farnesol, acetate	264	C17H28O2	1000352-67-2	59
5	1,5-Heptadiene, 3,3,6-trimethyl-	138	C10H18	035387-63-4	52



Data Path : U:\HPCHEM1\BNA F\DATA\BF011518\
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Instrument :
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ClientSampleId :
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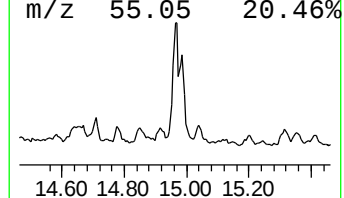
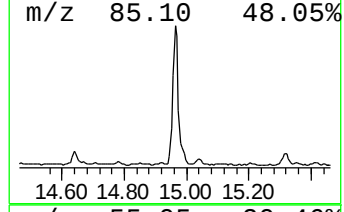
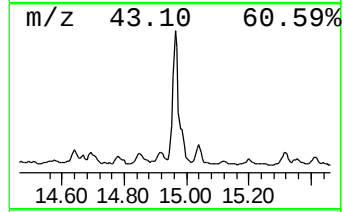
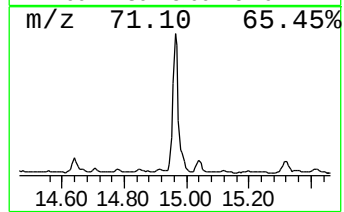
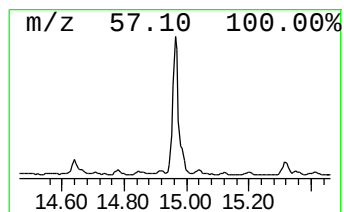
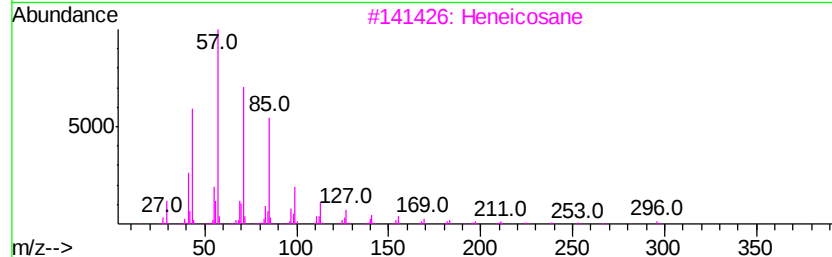
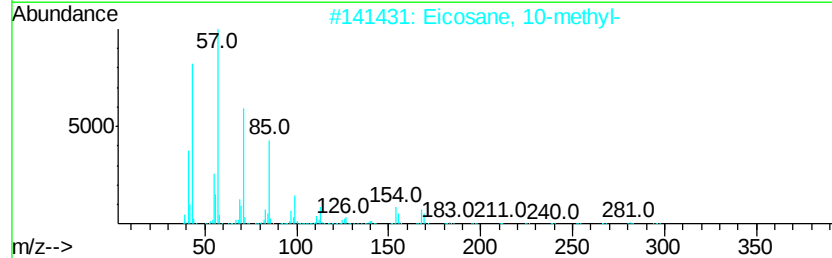
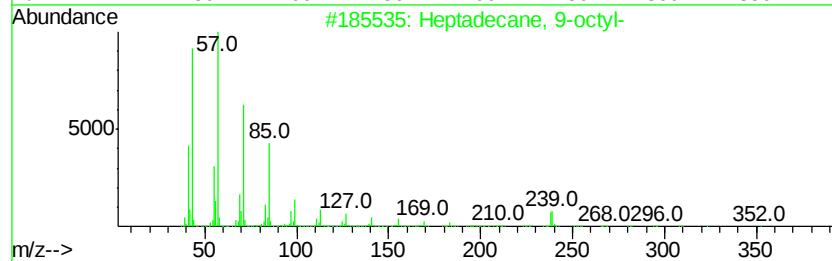
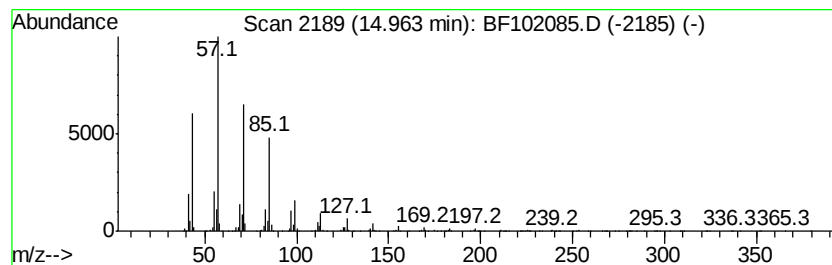
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Heptadecane, 9-octyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	80.25 ng	2898370	Perylene-d12	15.28

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	96
2		Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
3		Heneicosane	296	C21H44	000629-94-7	90
4		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
5		Eicosane	282	C20H42	000112-95-8	86



Data Path : U:\HPCHEM1\BNA_F\DATA\BF011518\
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Acq On : 16 Jan 2018 1:20
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Misc :
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ClientSampleId :
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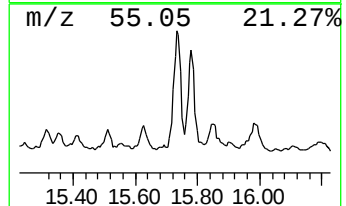
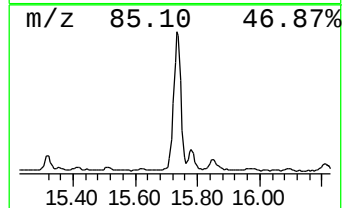
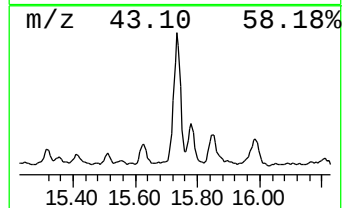
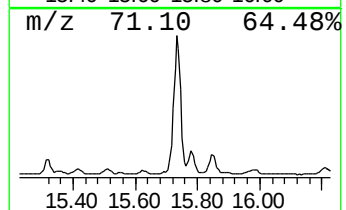
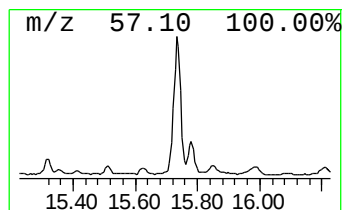
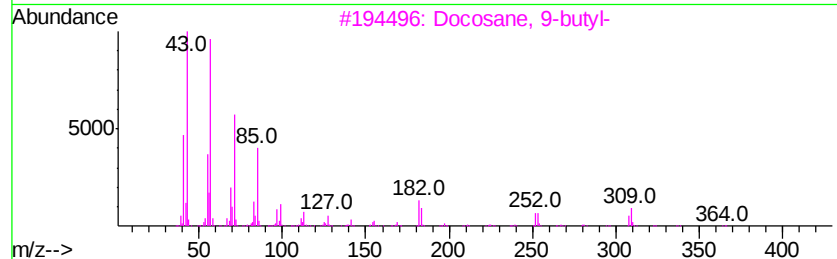
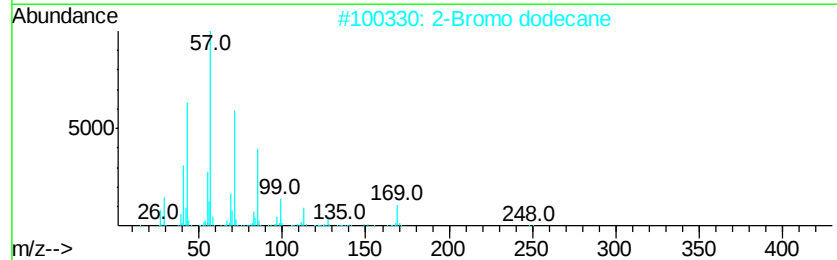
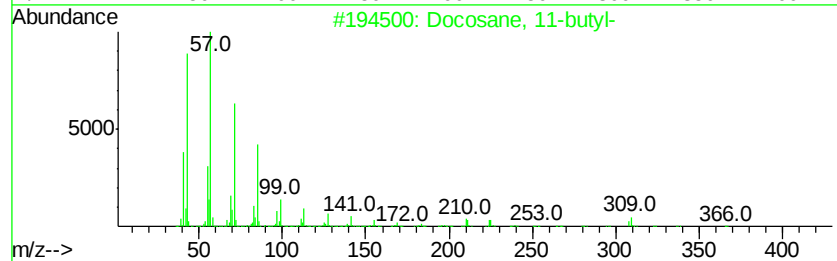
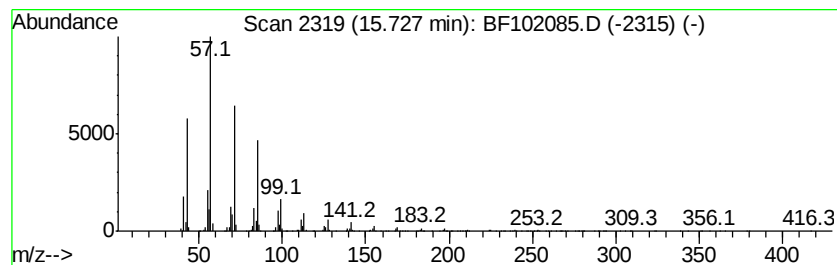
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Docosane, 11-butyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	76.25 ng	2753780	Perylene-d12	15.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane, 11-butyl-	366	C26H54	013475-76-8	94
2		2-Bromo dodecane	248	C12H25Br	013187-99-0	93
3		Docosane, 9-butyl-	366	C26H54	055282-14-9	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Heptacosane	380	C27H56	000593-49-7	91



Data Path : U:\HPCHEM1\BNA_F\DATA\BF011518\
Data File : BF102085.D
Acq On : 16 Jan 2018 1:20
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ALS Vial : 24 Sample Multiplier: 1

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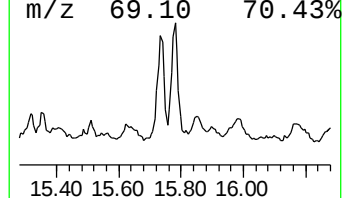
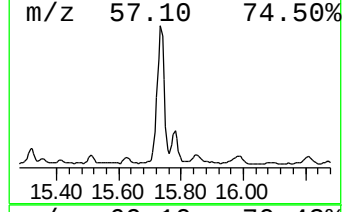
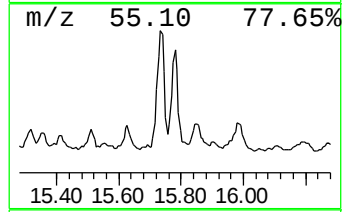
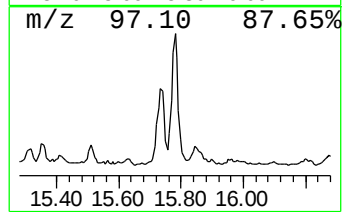
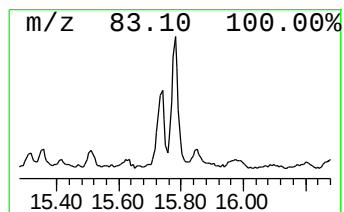
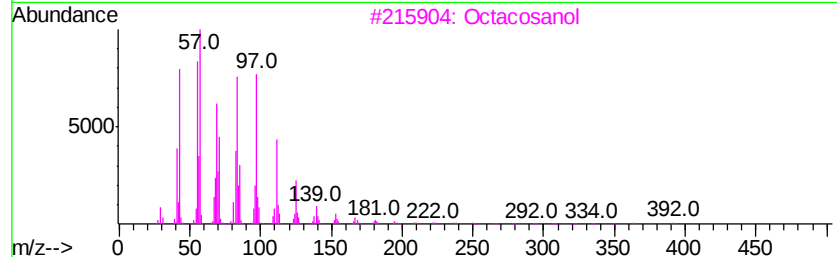
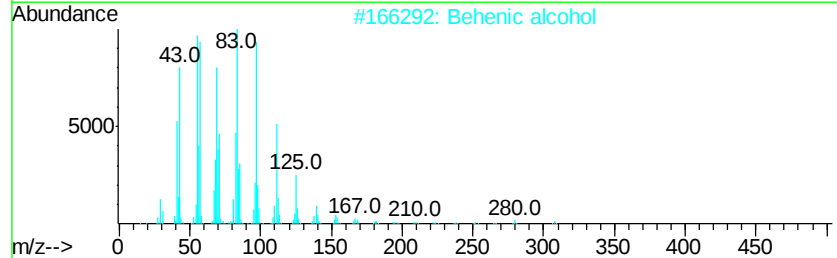
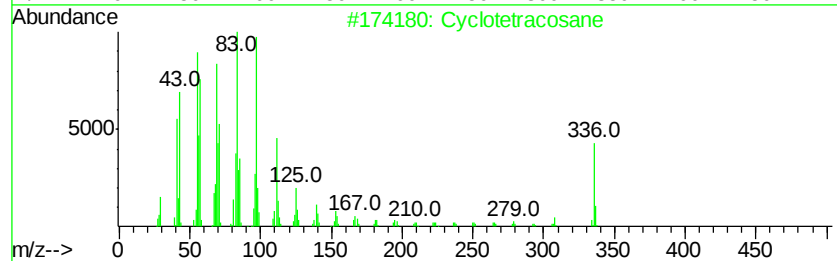
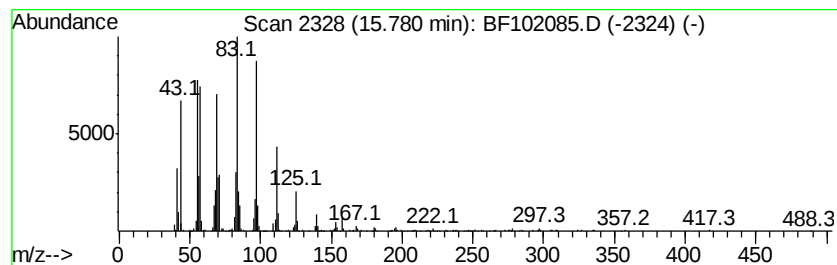
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Cyclotetracosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.78	31.89 ng	1151710	Perylene-d12	15.28

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclotetracosane	336	C24H48	000297-03-0	90
2		Behenic alcohol	326	C22H46O	000661-19-8	74
3		Octacosanol	410	C28H58O	000557-61-9	60
4		1-Heptacosanol	396	C27H56O	002004-39-9	58
5		n-Tetracosanol-1	354	C24H50O	000506-51-4	58



Data Path : U:\HPCHEM1\BNA F\DATA\BF011518\
Data File : BF102085.D
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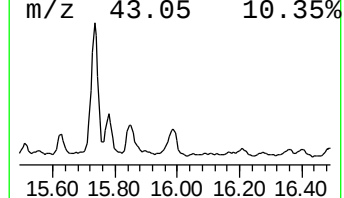
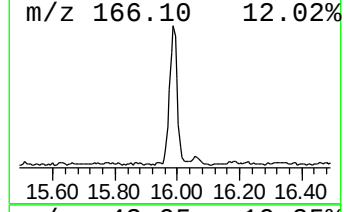
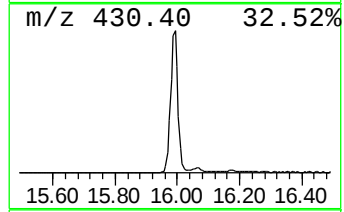
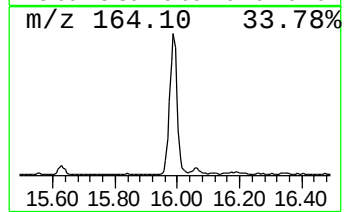
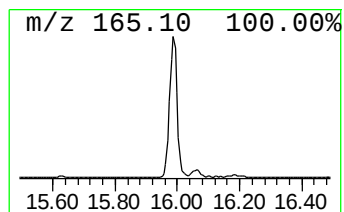
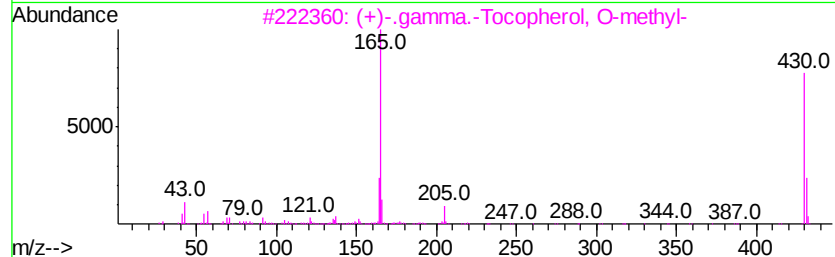
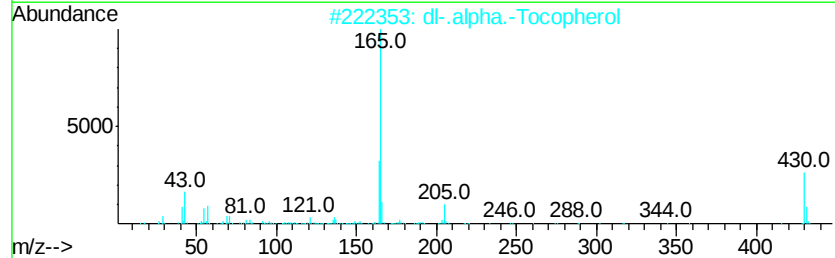
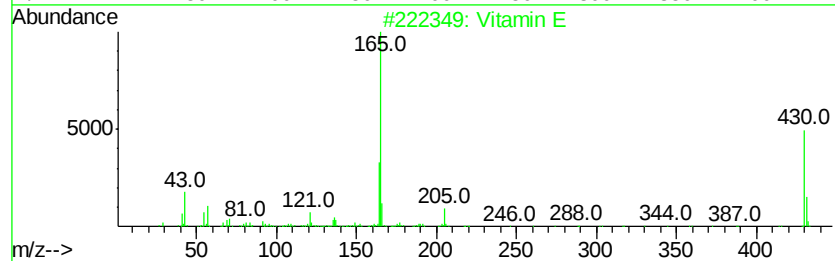
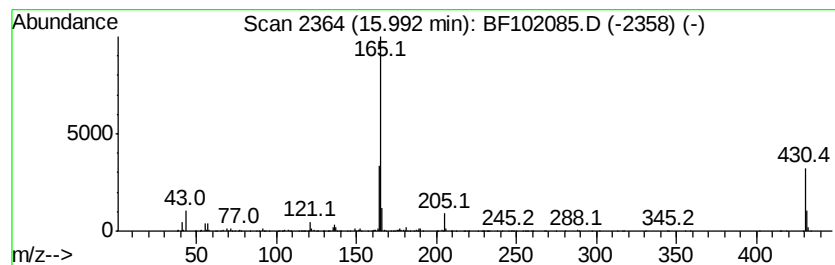
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Vitamin E Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.99	51.06 ng	1844120	Perylene-d12	15.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Vitamin E	430	C29H50O2	000059-02-9	96
2		dl-.alpha.-Tocopherol	430	C29H50O2	010191-41-0	94
3		(+)-.gamma.-Tocopherol, O-methyl-	430	C29H50O2	1000374-72-2	91
4		.alpha.-Tocopherol-.beta.-D-mann...	592	C35H60O7	1000156-68-2	83
5		4-Amino-3-methoxypyrazolo[3,4-d]...	165	C6H7N5O	111375-22-5	53



Data Path : U:\HPCHEM1\BNA F\DATA\BF011518\
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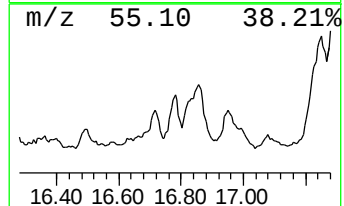
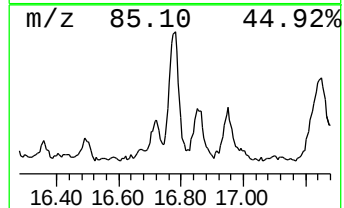
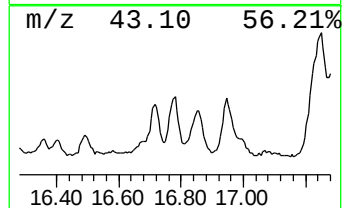
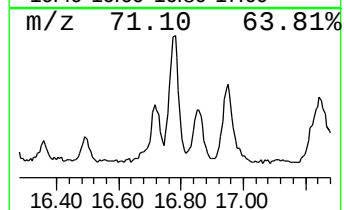
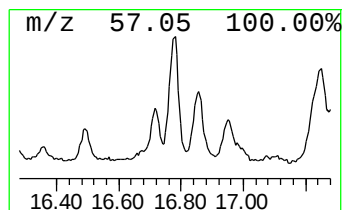
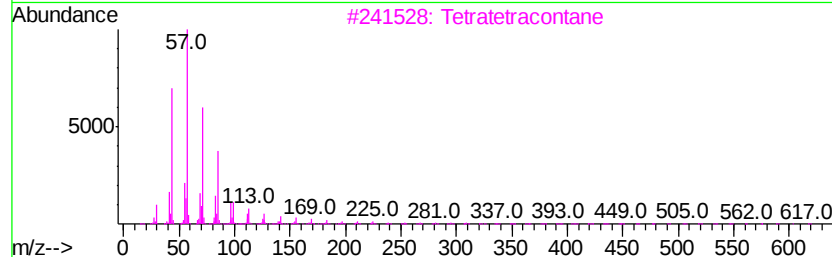
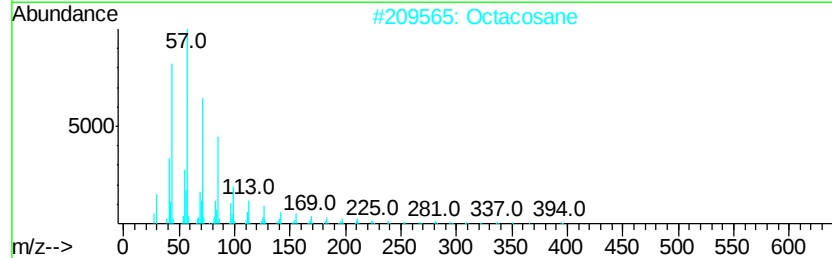
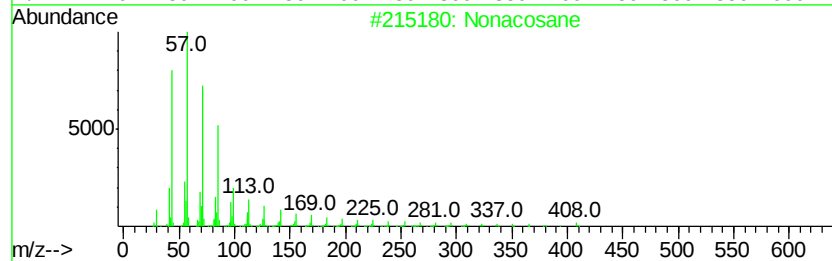
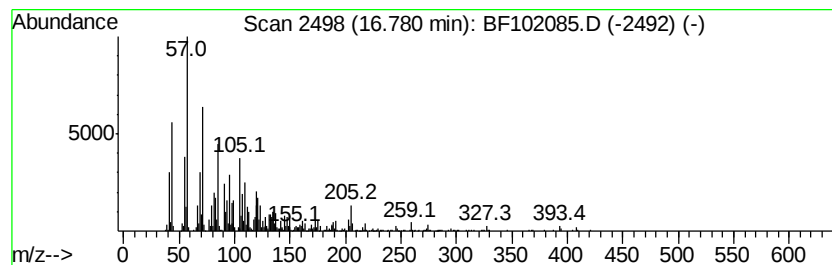
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Nonacosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.78	34.43 ng	1243620	Perylene-d12	15.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonacosane	408	C29H60	000630-03-5	64
2		Octacosane	394	C28H58	000630-02-4	60
3		Tetratetracontane	619	C44H90	007098-22-8	46
4		Tricosane	324	C23H48	000638-67-5	46
5		Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	41



Data Path : U:\HPCHEM1\BNA_F\DATA\BF011518\
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ClientSampleId :
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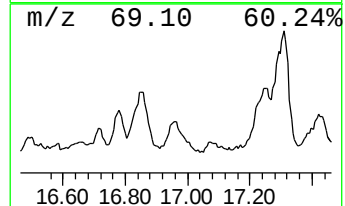
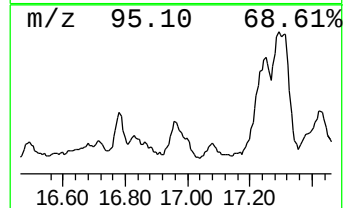
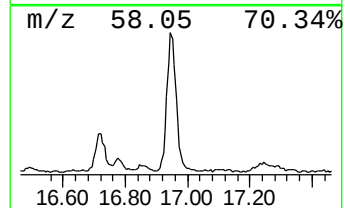
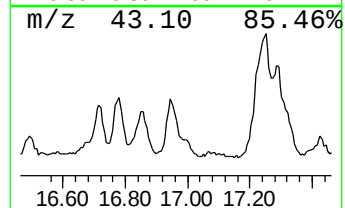
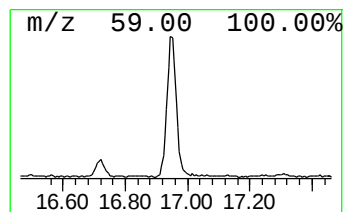
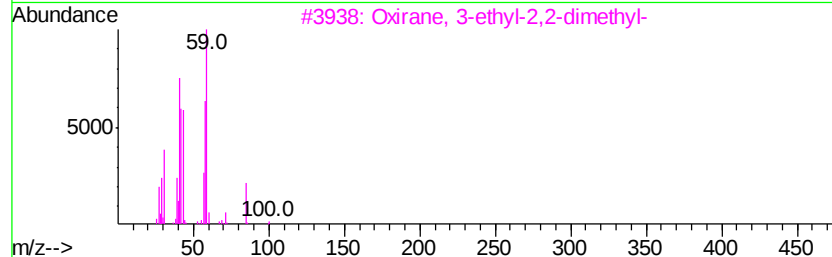
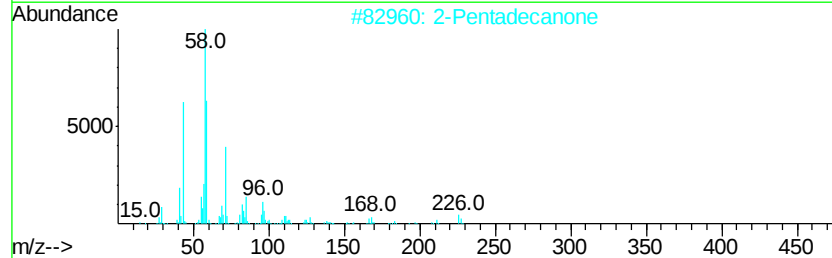
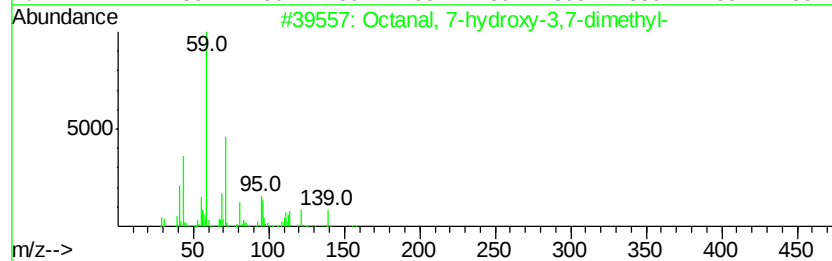
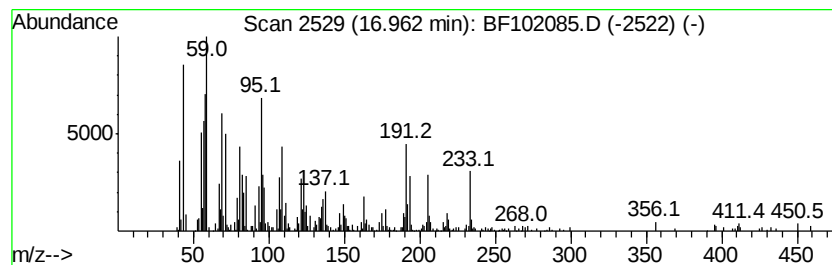
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown16.96 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.96	52.15 ng	1883520	Perylene-d12	15.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octanal, 7-hydroxy-3,7-dimethyl-	172	C10H20O2	000107-75-5	43
2		2-Pentadecanone	226	C15H30O	002345-28-0	43
3		Oxirane, 3-ethyl-2,2-dimethyl-	100	C6H12O	001192-22-9	38
4		Carbonic acid, 2-methoxyethyl ne...	190	C9H18O4	1000331-42-7	35
5		2-(3,4-Dibromo-4-methylcyclohexy...	312	C10H18Br2O	110202-13-6	27



Data Path : U:\HPCHEM1\BNA_F\DATA\BF011518\
Data File : BF102085.D
Acq On : 16 Jan 2018 1:20
Operator : SJ/JU
Sample : J1127-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

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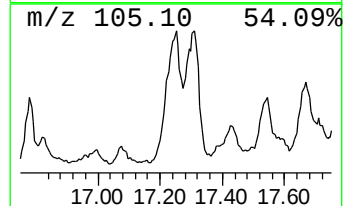
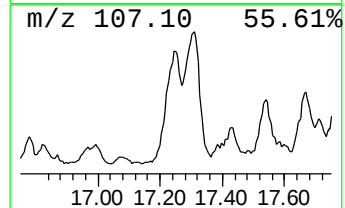
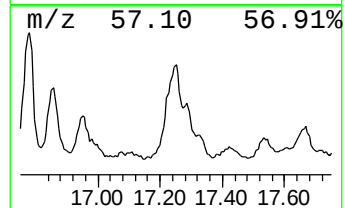
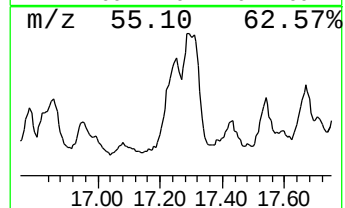
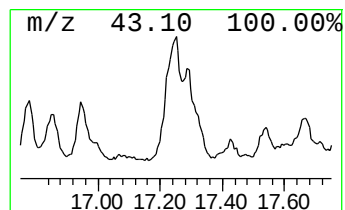
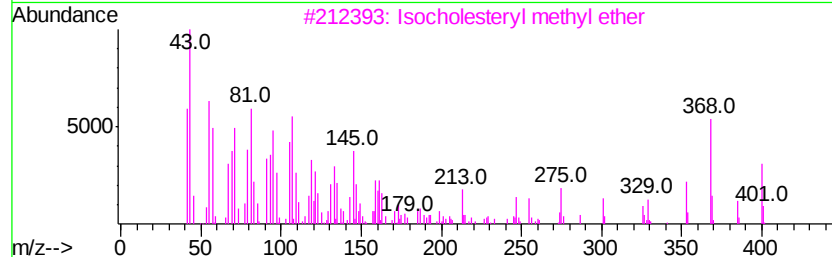
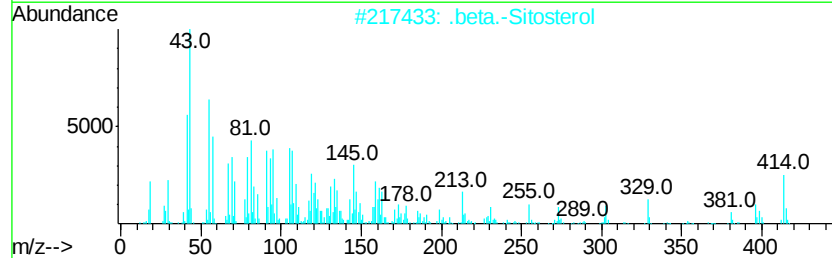
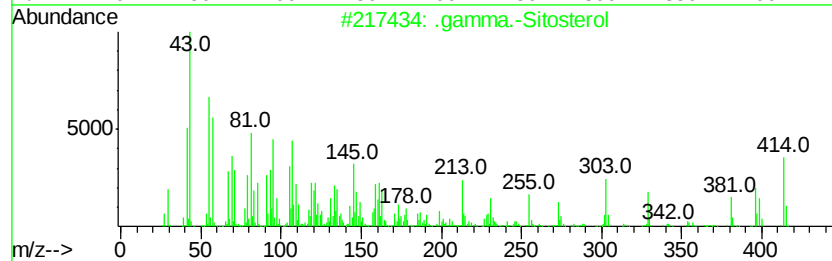
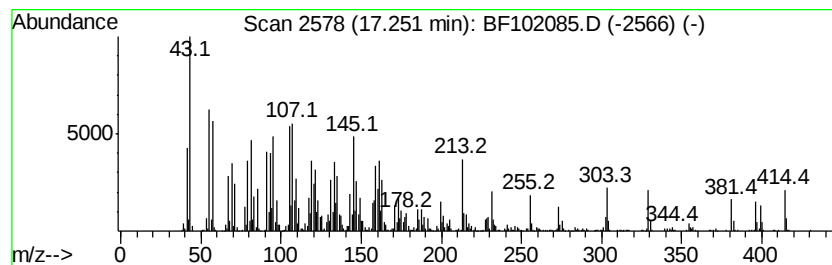
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 .gamma.-Sitosterol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.25	164.64 ng	5945990	Perylene-d12	15.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.gamma.-Sitosterol	414	C29H50O	000083-47-6	99
2		.beta.-Sitosterol	414	C29H50O	000083-46-5	95
3		Isocholesteryl methyl ether	400	C28H48O	029944-53-4	53
4		Ergost-5-en-3-ol, (3.beta.)-	400	C28H48O	004651-51-8	49
5		17-(1,5-Dimethylhexyl)-10,13-dim...	414	C29H50O	1000210-86-9	43



Data Path : U:\HPCHEM1\BNA F\DATA\BF011518\
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Acq On : 16 Jan 2018 1:20
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Misc :
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ClientSampleId :
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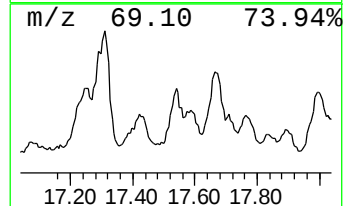
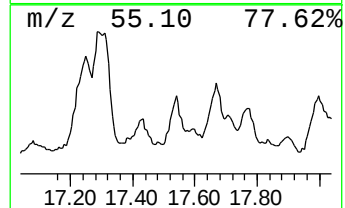
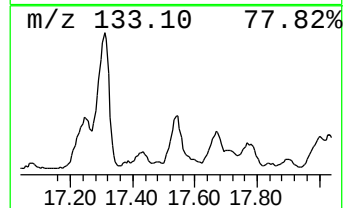
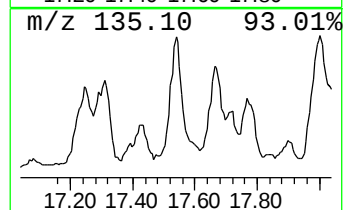
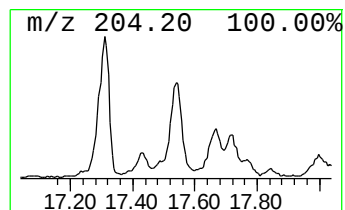
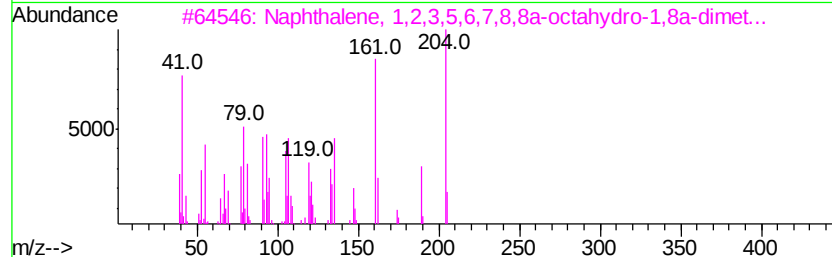
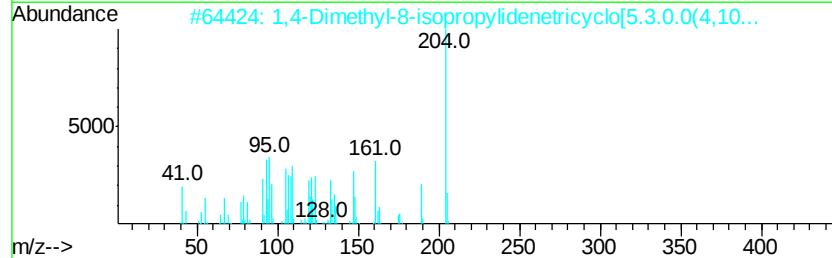
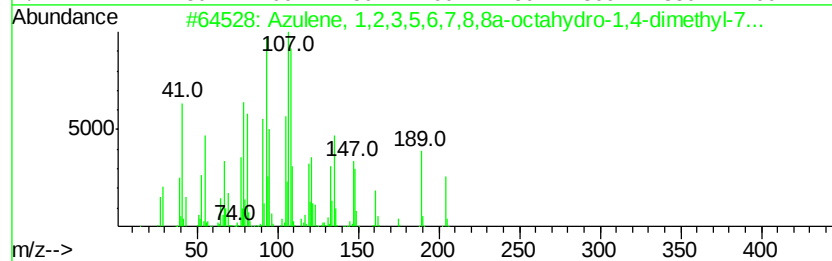
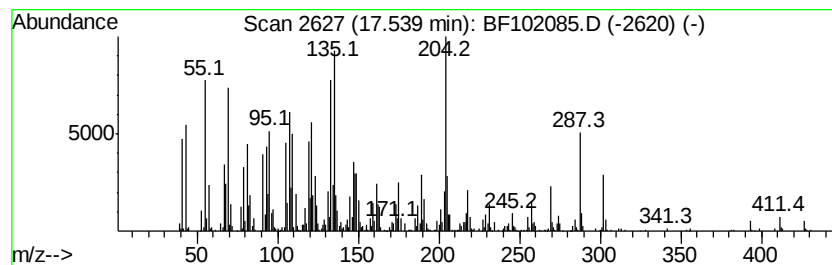
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Azulene, 1,2,3,5,6,7,8,8a-o... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.54	63.82 ng	2304880	Perylene-d12	15.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Azulene, 1,2,3,5,6,7,8,8a-octahy...	204	C15H24	003691-11-0	58
2		1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1000140-07-7	43
3		Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	41
4		1R,4S,7S,11R-2,2,4,8-Tetramethyl...	204	C15H24	1000140-07-6	38
5		Aciphyllene	204	C15H24	087745-31-1	38



Data Path : U:\HPCHEM1\BNA_F\DATA\BF011518\
Data File : BF102085.D
Acq On : 16 Jan 2018 1:20
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Misc :
ALS Vial : 24 Sample Multiplier: 1

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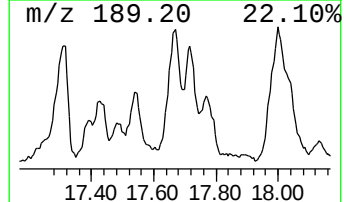
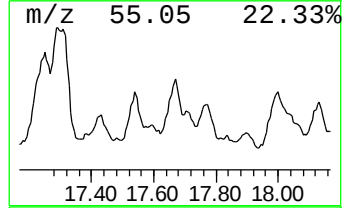
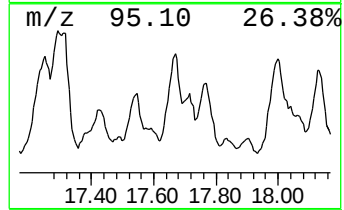
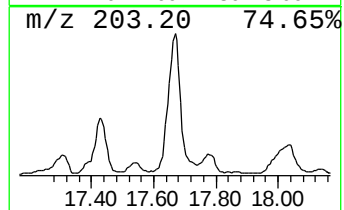
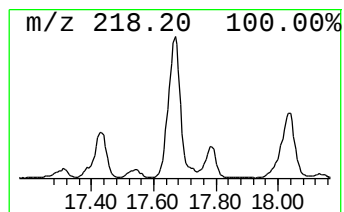
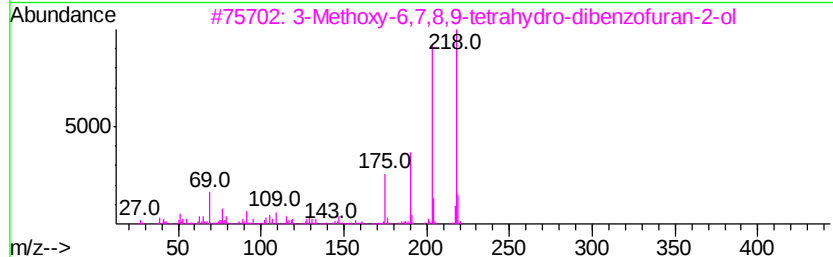
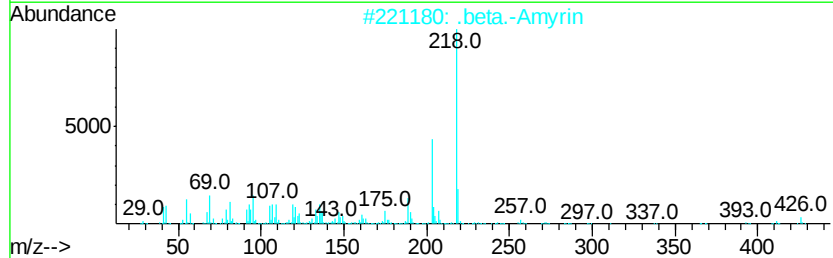
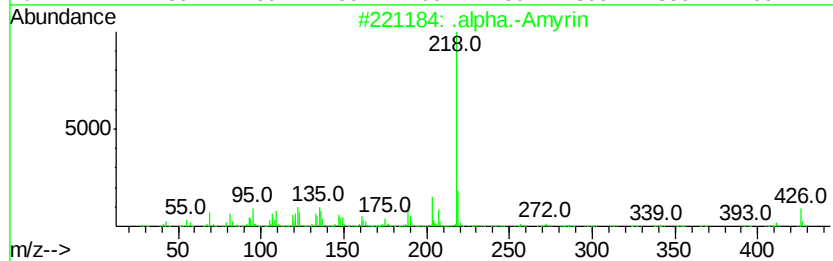
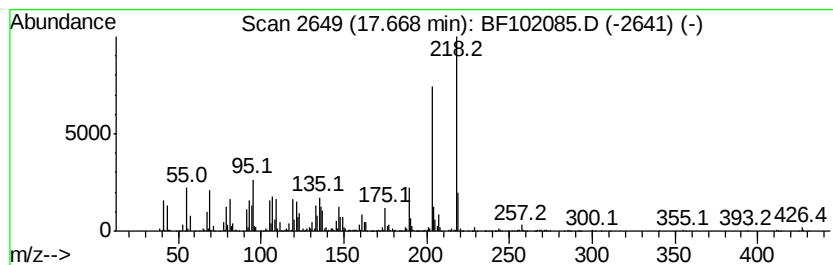
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 .alpha.-Amyrin Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.67	85.91 ng	3102580	Perylene-d12	15.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.alpha.-Amyrin	426	C30H500	000638-95-9	90
2		.beta.-Amyrin	426	C30H500	000559-70-6	81
3		3-Methoxy-6,7,8,9-tetrahydro-dib...	218	C13H1403	1000186-57-9	68
4		Pvrene, hexadecahydro-	218	C16H26	002435-85-0	62
5		2,9-Dimethyl-2,3,4,5,6,7-hexahyd...	203	C14H21N	077581-11-4	60



Data Path : U:\HPCHEM1\BNA F\DATA\BF011518\
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Misc :
ALS Vial : 24 Sample Multiplier: 1

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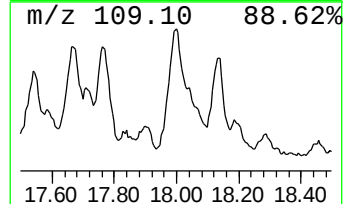
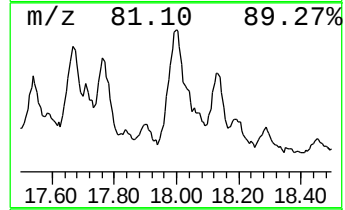
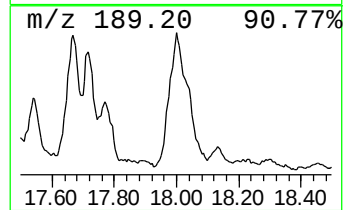
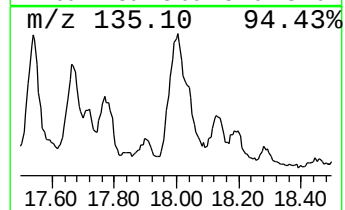
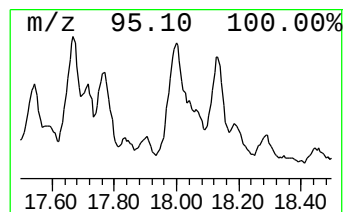
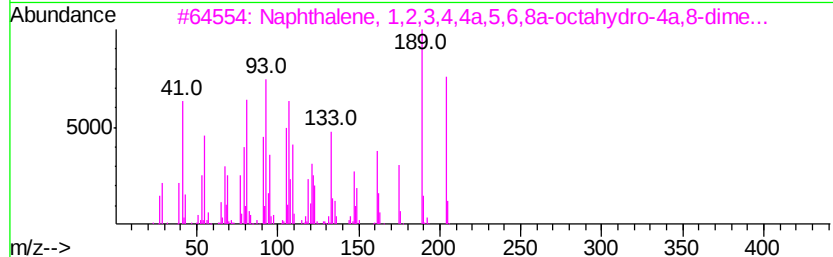
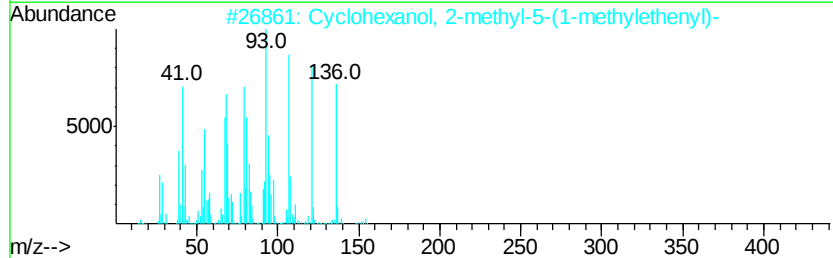
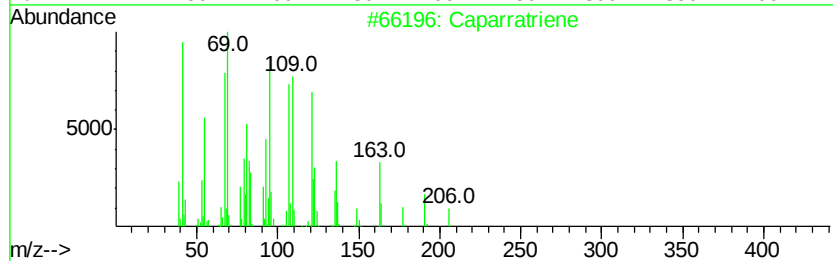
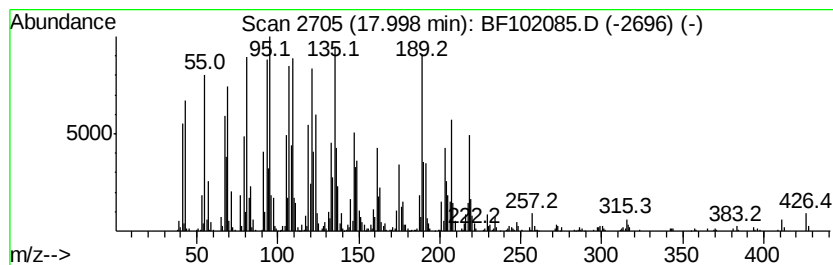
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Caparratriene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	152.30 ng	5500430	Perylene-d12	15.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Caparratriene	206	C15H26	1000374-08-7	50
2		Cyclohexanol, 2-methyl-5-(1-meth...	154	C10H18O	000619-01-2	41
3		Naphthalene, 1,2,3,4,4a,5,6,8a-o...	204	C15H24	000473-13-2	38
4		(-)-Neoclovene-(I), dihydro-	206	C15H26	1000152-82-1	38
5		Taraxasterol	426	C30H50O	001059-14-9	35



Data Path : U:\HPCHEM1\BNA_F\DATA\BF011518\
Data File : BF102085.D
Acq On : 16 Jan 2018 1:20
Operator : SJ/JU
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Misc :
ALS Vial : 24 Sample Multiplier: 1

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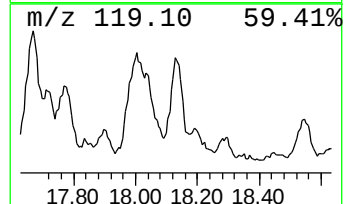
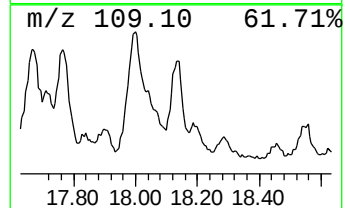
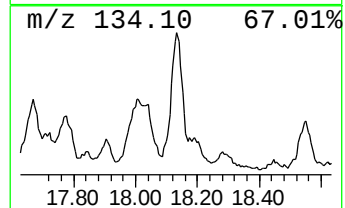
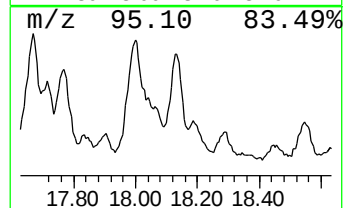
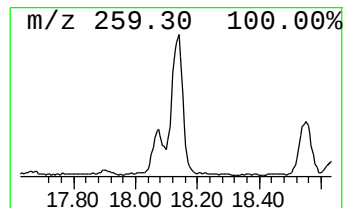
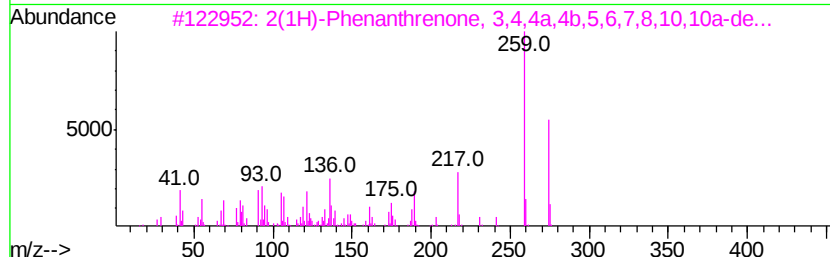
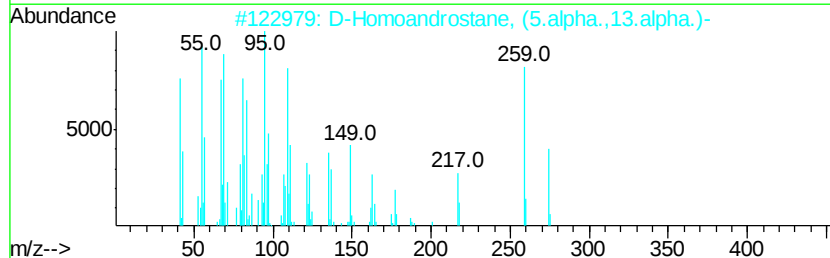
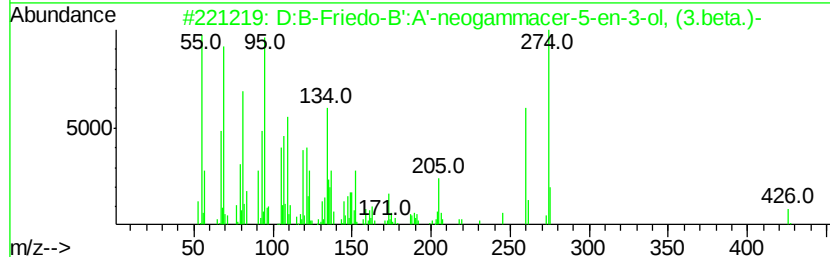
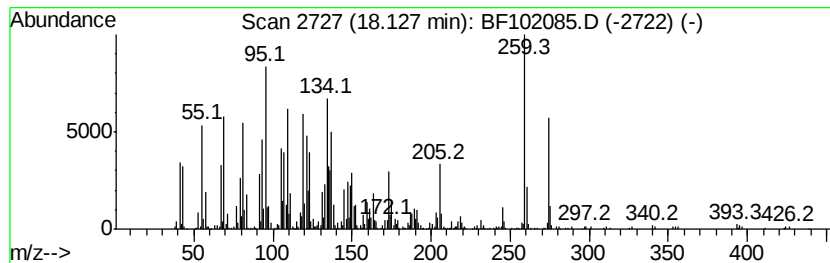
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 D:B-Friedo-B':A'-neogammace... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.13	38.25 ng	1381440	Perylene-d12	15.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	D:B-Friedo-B':A'-neogammacer-5-e...	426	C30H500	001615-94-7	52
2		D-Homoandrostande, (5.alpha.,13.a...	274	C20H34	054482-31-4	50
3		2(1H)-Phenanthrenone, 3,4,4a,4b,...	274	C19H300	007715-44-8	30
4		1-[p-Nitrophenyl]-3-[2-pyrimidyl...]	259	C11H9N5O3	023656-31-7	30
5		1-(4-Undecylphenyl)ethanone	274	C19H300	1000185-92-4	30



Data Path : U:\HPCHEM1\BNA_F\DATA\BF011518\
Data File : BF102085.D
Acq On : 16 Jan 2018 1:20
Operator : SJ/JU
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Misc :
ALS Vial : 24 Sample Multiplier: 1

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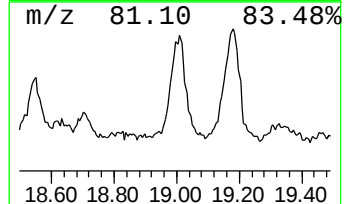
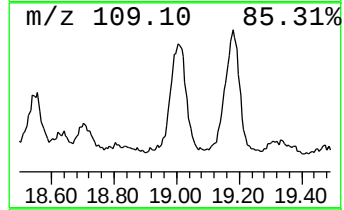
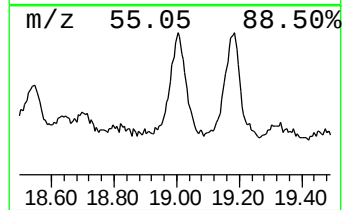
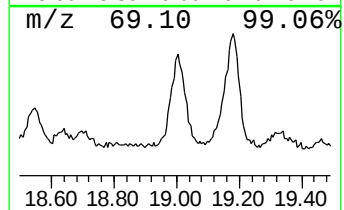
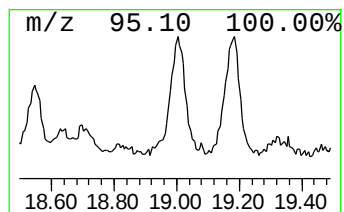
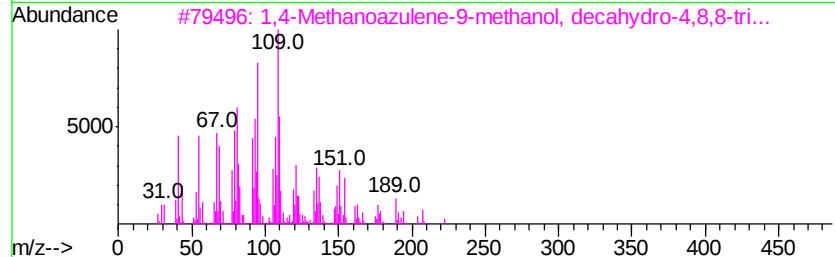
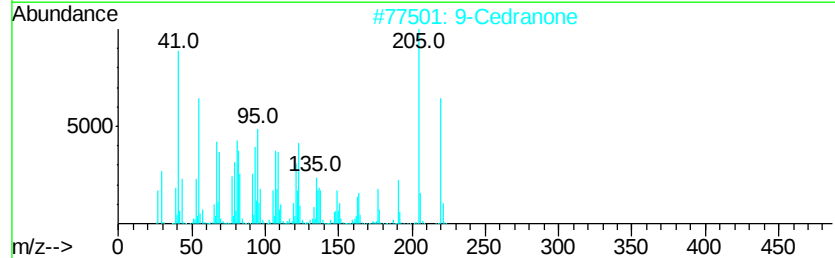
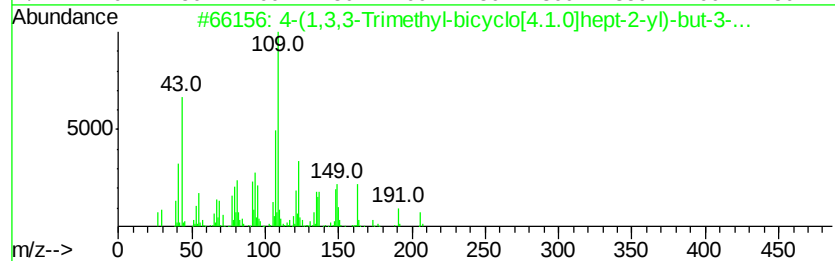
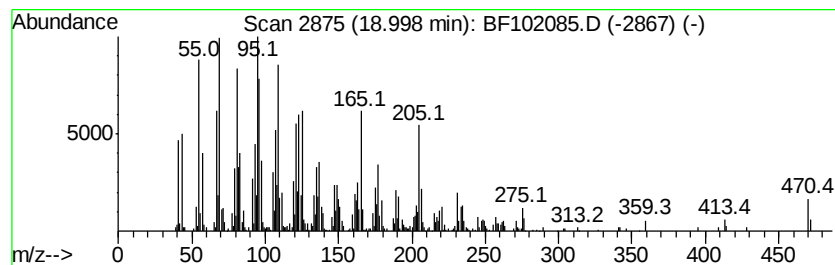
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown19.00 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.00	57.83 ng	2088510	Perylene-d12	15.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	4-	(1,3,3-Trimethyl-bicyclo[4.1.0...	206	C14H22O	077143-31-8	47
2	9-	Cedranone	220	C15H24O	1000156-23-2	42
3	1,4-	Methanoazulene-9-methanol, d...	222	C15H26O	001139-17-9	42
4	4-[3-(4-Fluorobenzoyloxy)propyl]-...		234	C13H15FN2O	1000311-87-2	41
5	Bicyclo[2.2.1]heptane, 2,2,3-tri...		138	C10H18	020536-40-7	38



Data Path : U:\HPCHEM1\BNA F\DATA\BF011518\
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Acq On : 16 Jan 2018 1:20
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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OCTOP2-01112018

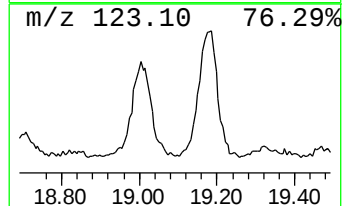
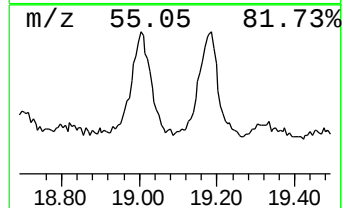
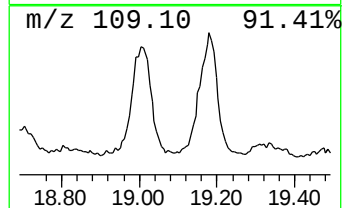
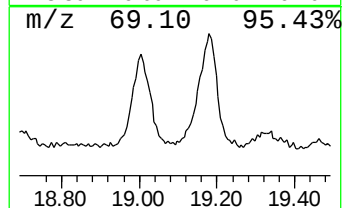
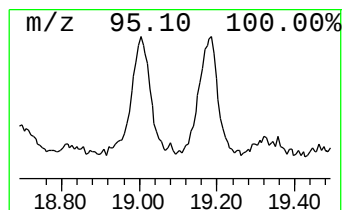
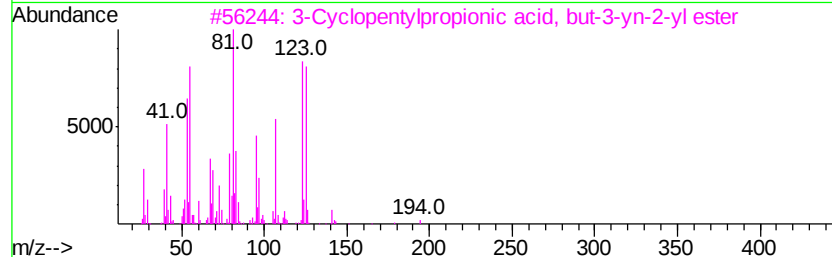
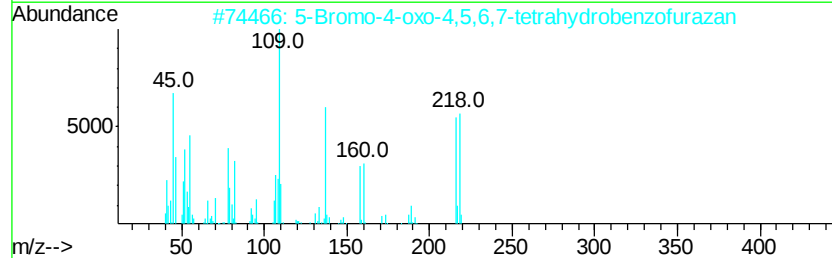
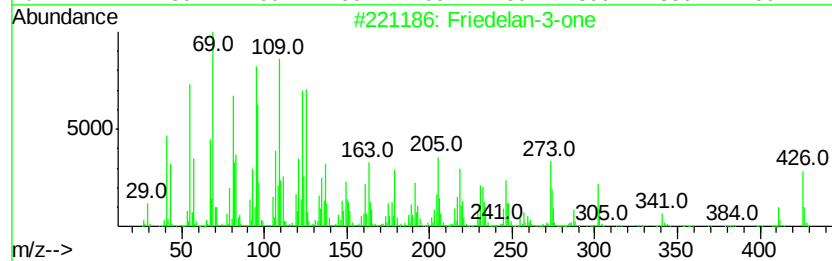
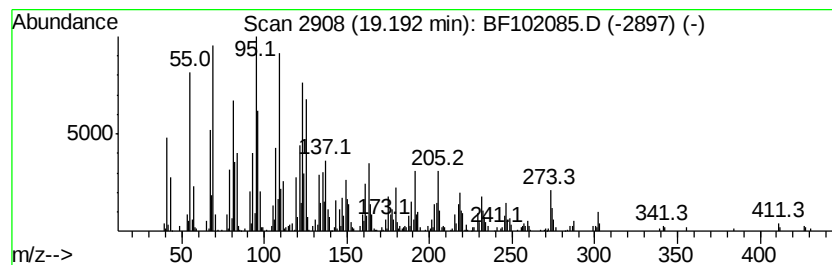
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Friedelan-3-one Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.19	56.73 ng	2048940	Perylene-d12	15.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Friedelan-3-one	426	C30H50O	000559-74-0	99
2		5-Bromo-4-oxo-4,5,6,7-tetrahydro...	216	C6H5BrN2O2	300574-36-1	60
3		3-Cyclopentylpropionic acid, but...	194	C12H18O2	1000292-46-4	51
4		(-)-Neoclovene-(II), dihydro-	206	C15H26	1000152-83-6	47
5		(-)-Neoclovene-(I), dihydro-	206	C15H26	1000152-82-1	45



Data Path : U:\HPCHEM1\BNA_F\DATA\BF011518\
 Data File : BF102085.D
 Acq On : 16 Jan 2018 1:20
 Operator : SJ/JU
 Sample : J1127-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OCTOP2-01112018

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.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
unknown6.49	6.49	79.9	ng	4090750	1	6.72	1024120	20.0
1-Heneicosanol	13.72	44.2	ng	1591160	5	13.87	719996	20.0
Heptafluorobutyri...	14.35	58.1	ng	2092470	5	13.87	719996	20.0
Squalene	14.71	38.4	ng	1386450	6	15.28	722301	20.0
Heptadecane, 9-oc...	14.96	80.3	ng	2898370	6	15.28	722301	20.0
Docosane, 11-butyl-	15.73	76.3	ng	2753780	6	15.28	722301	20.0
Cyclotetracosane	15.78	31.9	ng	1151710	6	15.28	722301	20.0
Vitamin E	15.99	51.1	ng	1844120	6	15.28	722301	20.0
Nonacosane	16.78	34.4	ng	1243620	6	15.28	722301	20.0
unknown16.96	16.96	52.1	ng	1883520	6	15.28	722301	20.0
.gamma.-Sitosterol	17.25	164.6	ng	5945990	6	15.28	722301	20.0
4,4,6a,6b,8a,11,1...	17.43	40.3	ng	1455830	6	15.28	722301	20.0
Azulene, 1,2,3,5,...	17.54	63.8	ng	2304880	6	15.28	722301	20.0
.alpha.-Amyrin	17.67	85.9	ng	3102580	6	15.28	722301	20.0
4,4,6a,6b,8a,11,1...	17.77	56.4	ng	2037470	6	15.28	722301	20.0
Caparratriene	18.00	152.3	ng	5500430	6	15.28	722301	20.0
D:B-Friedo-B':A'-...	18.13	38.3	ng	1381440	6	15.28	722301	20.0
unknown19.00	19.00	57.8	ng	2088510	6	15.28	722301	20.0
Friedelan-3-one	19.19	56.7	ng	2048940	6	15.28	722301	20.0