

Data Path : U:\HPCHEM1\BNA F\DATA\BF011618\
 Data File : BF102117.D
 Acq On : 16 Jan 2018 18:48
 Operator : SJ/JU
 Sample : J1127-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OCTOP2-01112018

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON Filtering: 5
 Sampling : 1 Min Area: 3 % of largest Peak
 Start Thrs: 0.2 Max Peaks: 100
 Stop Thrs : 0 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	4.928	478	483	493	rVB	210580	323700	4.77%	0.293%
2	5.334	546	552	555	rBV	3701874	3960954	58.40%	3.590%
3	6.357	720	726	731	rVB	3444027	4237588	62.48%	3.841%
4	6.492	743	749	752	rBV	3953851	4016528	59.22%	3.641%
5	6.716	784	787	791	rBV	1152230	995530	14.68%	0.902%
6	6.875	809	814	817	rBV	3940514	3554879	52.41%	3.222%
7	7.287	877	884	887	rBV	2598661	2613940	38.54%	2.369%
8	7.998	1001	1005	1008	rBV	1431866	1233706	18.19%	1.118%
9	8.322	1057	1060	1066	rBV2	95936	114367	1.69%	0.104%
10	8.557	1096	1100	1104	rBV	485146	383785	5.66%	0.348%
11	9.081	1183	1189	1192	rBV	4453060	4048366	59.69%	3.670%
12	9.410	1239	1245	1247	rBV2	177293	197098	2.91%	0.179%
13	9.475	1251	1256	1259	rVB	1138040	935089	13.79%	0.848%
14	9.663	1284	1288	1291	rBV3	69008	111353	1.64%	0.101%
15	9.751	1298	1303	1306	rBV2	1435528	1323861	19.52%	1.200%
16	9.869	1320	1323	1326	rBV2	214985	204477	3.01%	0.185%
17	9.910	1326	1330	1333	rVB	121387	132186	1.95%	0.120%
18	10.469	1419	1425	1429	rBV	1877938	1988001	29.31%	1.802%
19	10.510	1429	1432	1433	rVV	242801	218497	3.22%	0.198%
20	10.545	1433	1438	1441	rVV	2306086	2392366	35.27%	2.169%
21	10.575	1441	1443	1447	rVB4	126909	129603	1.91%	0.117%
22	10.657	1454	1457	1462	rBV	309273	292262	4.31%	0.265%
23	10.780	1475	1478	1482	rBV	214899	197651	2.91%	0.179%
24	10.904	1495	1499	1504	rBV2	189040	294826	4.35%	0.267%
25	11.033	1516	1521	1525	rVB2	113103	138697	2.04%	0.126%
26	11.198	1544	1549	1550	rBV2	85040	113650	1.68%	0.103%
27	11.233	1550	1555	1558	rVV	1379639	1273508	18.78%	1.154%
28	11.269	1558	1561	1563	rVV2	124966	130794	1.93%	0.119%
29	11.292	1563	1565	1568	rVB	318127	242267	3.57%	0.220%
30	11.345	1571	1574	1577	rBV2	203681	190187	2.80%	0.172%
31	11.610	1616	1619	1624	rBV5	117027	187775	2.77%	0.170%
32	11.669	1624	1629	1632	rVV2	243082	257365	3.79%	0.233%
33	11.727	1637	1639	1641	rVV	184725	208573	3.08%	0.189%
34	11.780	1644	1648	1654	rVV	1380696	1595456	23.52%	1.446%

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35	11.827	1654	1656	1661	rVV4	89199	125058	1.84%	0.113%
36	11.922	1668	1672	1674	rVV2	139220	177105	2.61%	0.161%
37	11.945	1674	1676	1680	rVB4	128543	149547	2.20%	0.136%
38	12.086	1697	1700	1704	rBV	382282	350408	5.17%	0.318%
39	12.174	1709	1715	1718	rBV3	132987	224062	3.30%	0.203%
40	12.280	1730	1733	1735	rBV	163327	154834	2.28%	0.140%
41	12.327	1739	1741	1744	rVB2	146651	136064	2.01%	0.123%
42	12.374	1745	1749	1753	rBV2	531292	572378	8.44%	0.519%
43	12.480	1762	1767	1769	rVV3	473240	644700	9.50%	0.584%
44	12.504	1769	1771	1774	rVV	321110	261664	3.86%	0.237%
45	12.557	1777	1780	1789	rVB	667105	683583	10.08%	0.620%
46	12.645	1792	1795	1797	rBV2	136313	135654	2.00%	0.123%
47	12.774	1814	1817	1819	rBV	488924	405215	5.97%	0.367%
48	12.822	1819	1825	1828	rVB	2983057	2732227	40.28%	2.477%
49	12.916	1838	1841	1845	rBV2	164869	201229	2.97%	0.182%
50	13.027	1857	1860	1863	rBV	323955	309163	4.56%	0.280%
51	13.121	1874	1876	1881	rVB4	127470	181619	2.68%	0.165%
52	13.216	1889	1892	1894	rVV2	448970	397471	5.86%	0.360%
53	13.245	1894	1897	1899	rVV2	412252	441602	6.51%	0.400%
54	13.269	1899	1901	1907	rVV2	303886	454567	6.70%	0.412%
55	13.321	1907	1910	1915	rVB2	276285	341757	5.04%	0.310%
56	13.516	1940	1943	1946	rVB2	116238	116913	1.72%	0.106%
57	13.716	1973	1977	1983	rBV	1480964	1579240	23.28%	1.432%
58	13.868	1999	2003	2005	rBV	741737	693198	10.22%	0.628%
59	14.039	2029	2032	2034	rBV	157825	152097	2.24%	0.138%
60	14.163	2050	2053	2056	rVB2	158465	144852	2.14%	0.131%
61	14.351	2081	2085	2091	rVV	1795724	1951123	28.77%	1.769%
62	14.398	2091	2093	2097	rVB	206249	186121	2.74%	0.169%
63	14.639	2131	2134	2137	rBV	153025	186810	2.75%	0.169%
64	14.710	2143	2146	2150	rVB	1106921	1062815	15.67%	0.963%
65	14.780	2155	2158	2165	rVB3	185242	249567	3.68%	0.226%
66	14.851	2166	2170	2177	rBV6	230215	573198	8.45%	0.520%
67	14.915	2178	2181	2185	rVB3	177726	221647	3.27%	0.201%
68	14.963	2185	2189	2191	rBV	2106469	2401795	35.41%	2.177%
69	15.039	2199	2202	2205	rVB	232453	229421	3.38%	0.208%
70	15.198	2227	2229	2239	rVB3	171666	231684	3.42%	0.210%
71	15.280	2239	2243	2246	rBV	582938	749445	11.05%	0.679%

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72	15.315	2246	2249	2252	rVV	219239	276736	4.08%	0.251%
73	15.351	2252	2255	2259	rVB2	142922	183600	2.71%	0.166%
74	15.410	2263	2265	2269	rVB2	135394	143451	2.11%	0.130%
75	15.510	2279	2282	2285	rVB2	179869	214121	3.16%	0.194%
76	15.551	2286	2289	2297	rVB3	127354	216922	3.20%	0.197%
77	15.627	2297	2302	2310	rBV	592376	946536	13.95%	0.858%
78	15.733	2314	2320	2324	rBV	1678085	2582039	38.07%	2.341%
79	15.780	2324	2328	2334	rVB	796672	1084753	15.99%	0.983%
80	15.851	2335	2340	2346	rBV	325929	680842	10.04%	0.617%
81	15.986	2357	2363	2373	rVB	925689	1746871	25.75%	1.583%
82	16.492	2445	2449	2454	rBV2	171413	288002	4.25%	0.261%
83	16.715	2483	2487	2492	rVB2	490382	829282	12.23%	0.752%
84	16.780	2492	2498	2502	rBV	626071	1170478	17.26%	1.061%
85	16.827	2503	2506	2508	rBV2	186461	236461	3.49%	0.214%
86	16.962	2522	2529	2542	rVB6	560613	1909944	28.16%	1.731%
87	17.074	2544	2548	2559	rVB9	241787	584179	8.61%	0.530%
88	17.256	2566	2579	2582	rBV4	2235861	6782833	100.00%	6.148%
89	17.298	2583	2586	2598	rVV5	2339010	6701719	98.80%	6.075%
90	17.433	2598	2609	2615	rVV2	567267	1539709	22.70%	1.396%
91	17.545	2621	2628	2634	rBV2	1001756	2444116	36.03%	2.215%
92	17.674	2642	2650	2655	rBV	1335292	3240246	47.77%	2.937%
93	17.774	2662	2667	2674	rVB4	944133	2311019	34.07%	2.095%
94	17.909	2685	2690	2696	rVB2	356372	780596	11.51%	0.708%
95	18.009	2697	2707	2722	rBV5	1422986	6442156	94.98%	5.840%
96	18.139	2723	2729	2735	rBV2	710845	1596183	23.53%	1.447%
97	18.456	2777	2783	2788	rBV3	209312	523590	7.72%	0.475%
98	18.551	2790	2799	2807	rVB6	477688	1630769	24.04%	1.478%
99	19.015	2868	2878	2892	rVB5	733689	2581751	38.06%	2.340%
100	19.192	2898	2908	2921	rVB4	778236	2602102	38.36%	2.359%

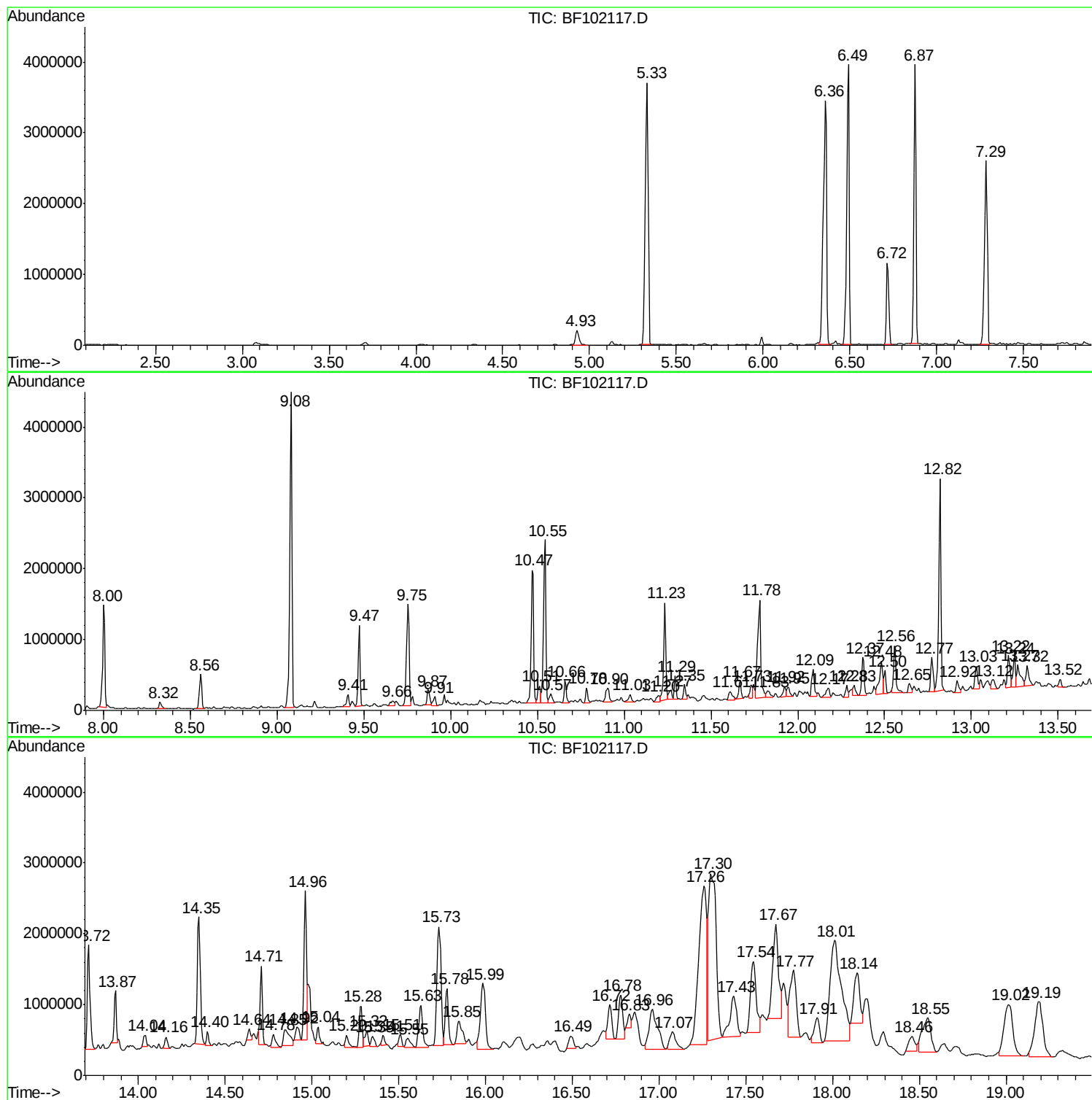
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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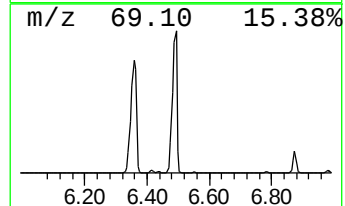
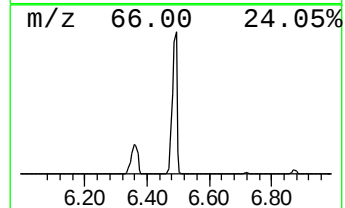
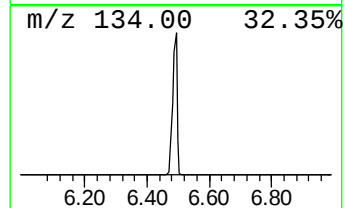
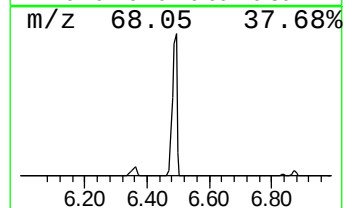
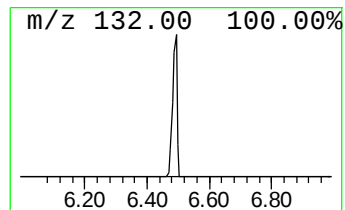
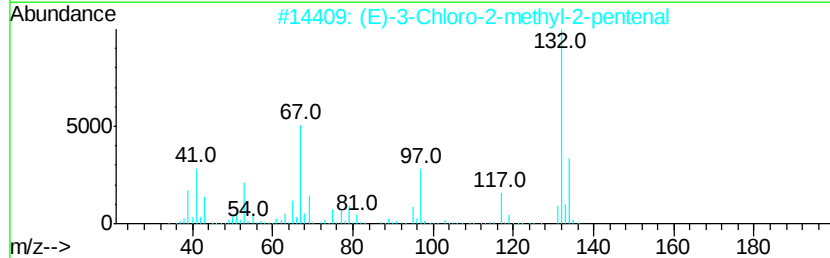
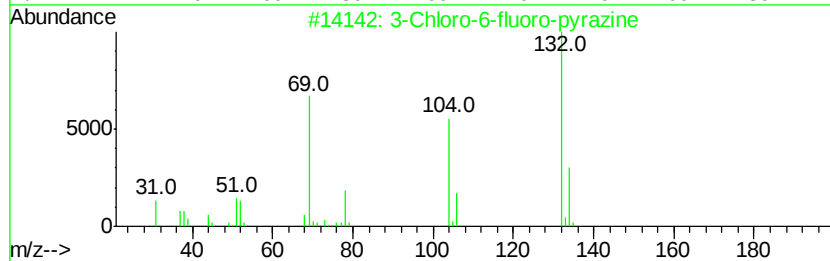
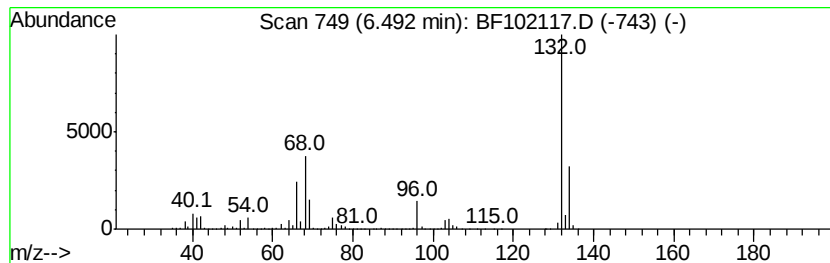
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown6.49 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	80.69 ng	4016530	1,4-Dichlorobenzene-d4	6.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		Tranvlcyproline-propionyl	189	C12H15NO	1000123-86-3	12
4		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9



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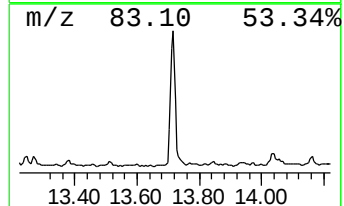
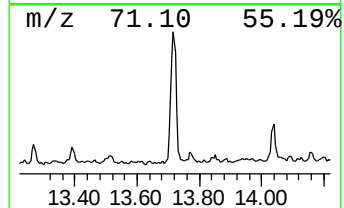
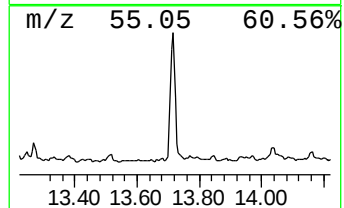
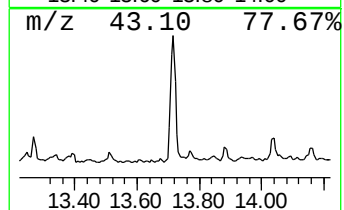
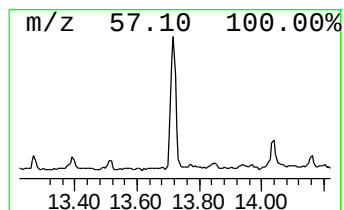
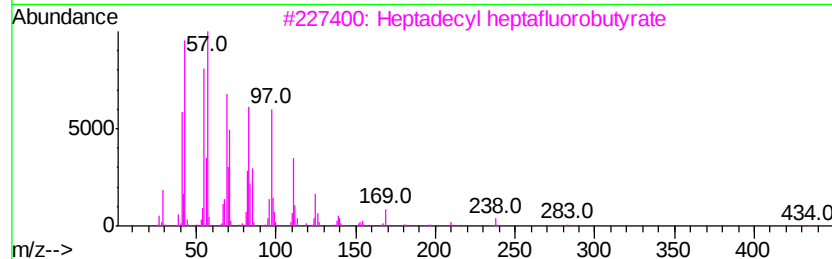
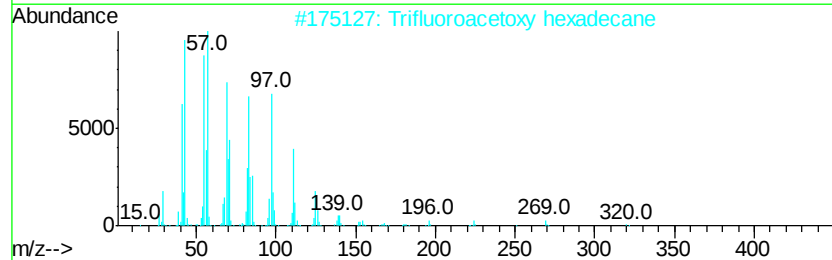
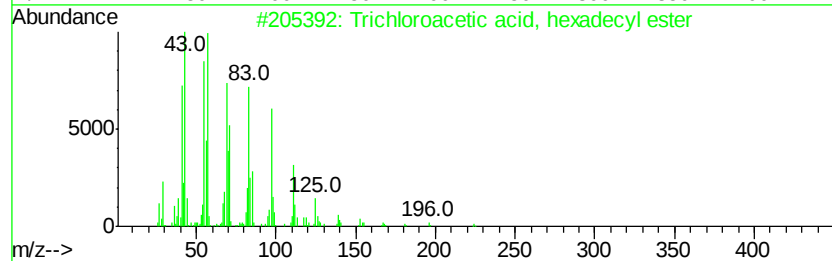
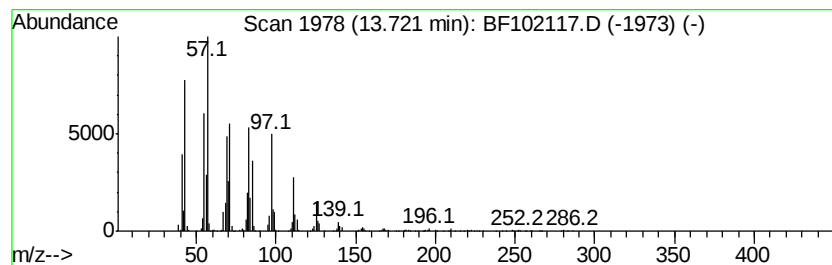
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Trichloroacetic acid, hexad... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	45.56 ng	1579240	Chrysene-d12	13.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
2		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
3		Heptadecyl heptafluorobutyrat	452	C21H35F7O2	959085-66-6	94
4		Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	94
5		Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	94



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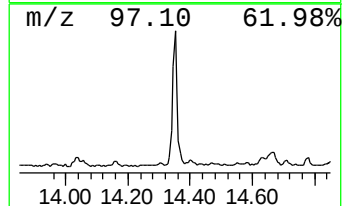
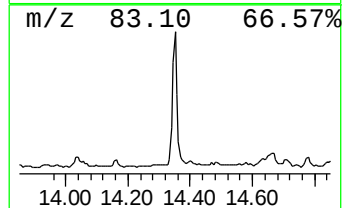
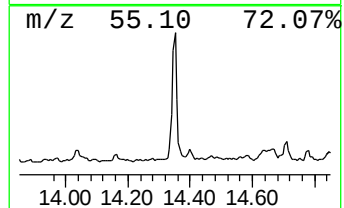
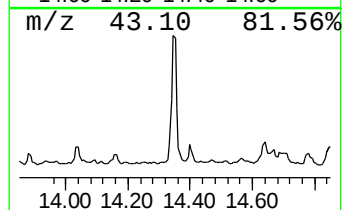
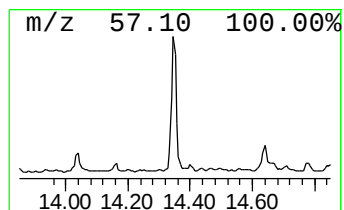
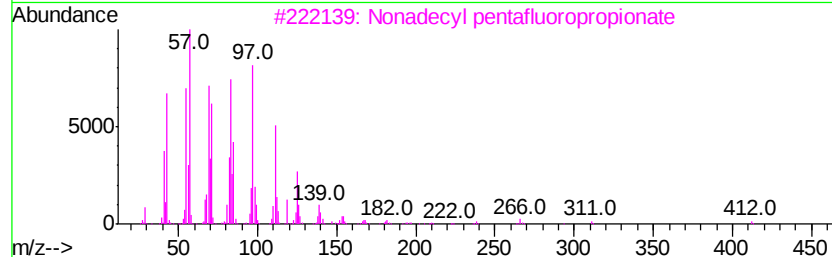
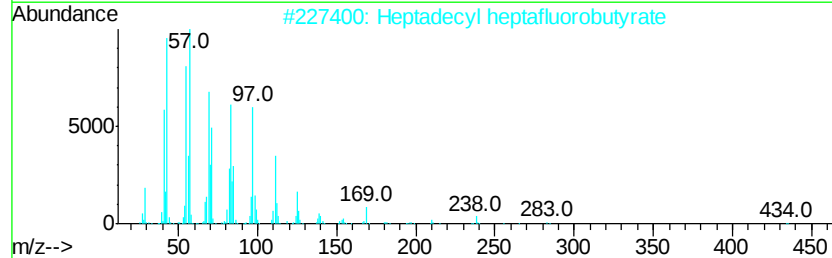
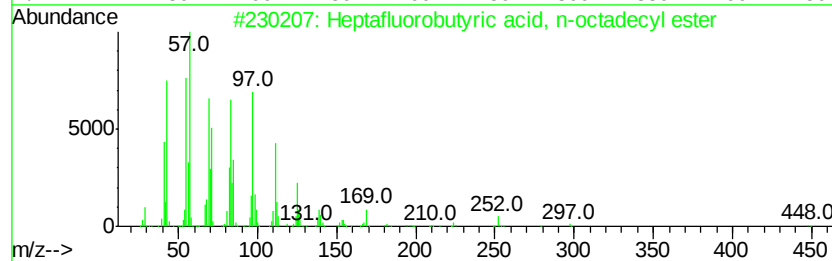
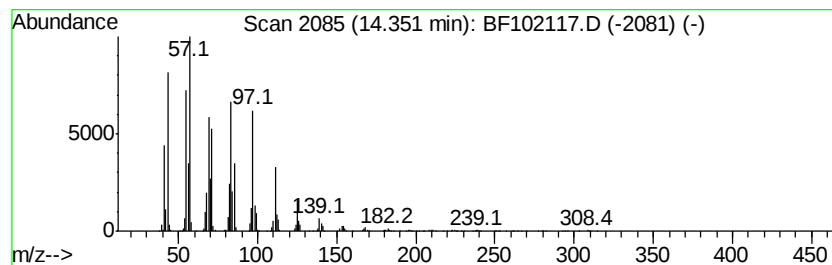
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Peak Number 4 Heptafluorobutyric acid, n-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.35	56.29 ng	1951120	Chrysene-d12	13.87

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptafluorobutyric acid, n-octadecyl...	466	C22H37F7O2	000400-57-7	94
2		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
3		Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
4		Tricosyl pentafluoropropionate	486	C26H47F5O2	1000351-81-0	91
5		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91



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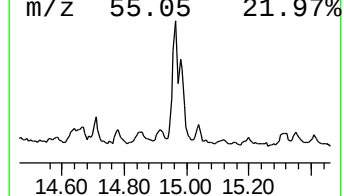
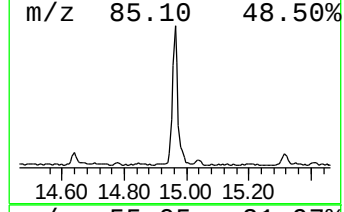
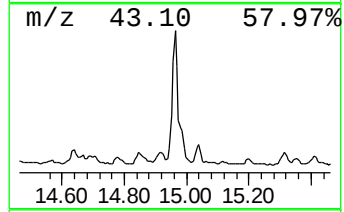
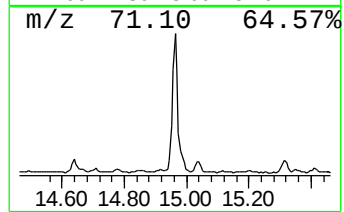
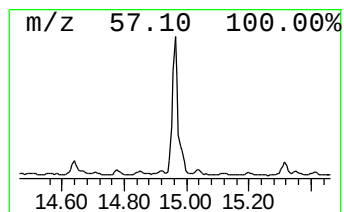
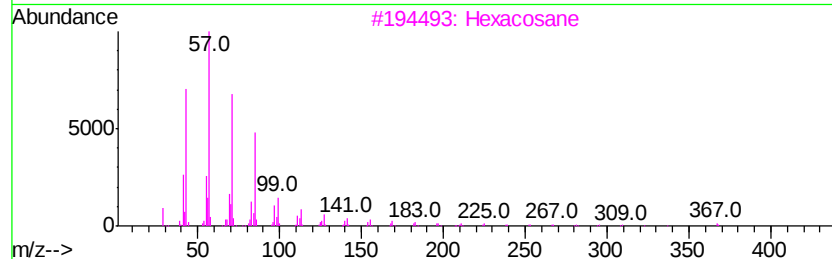
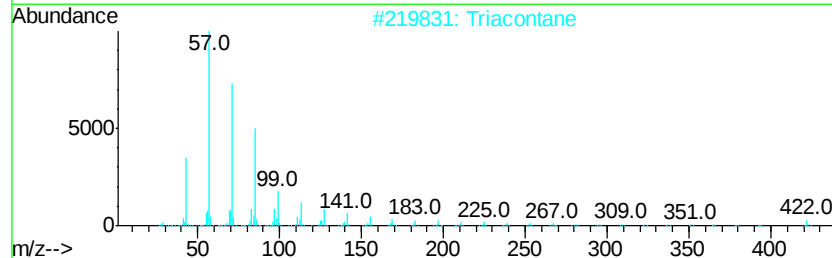
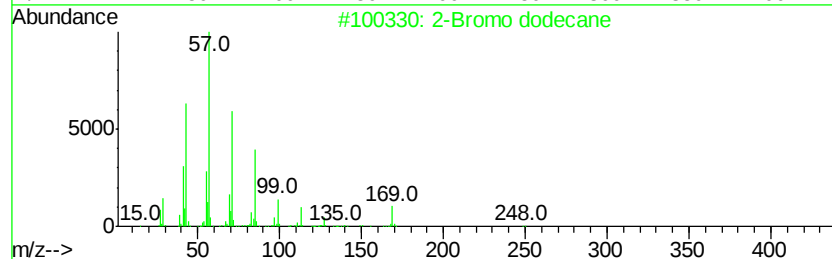
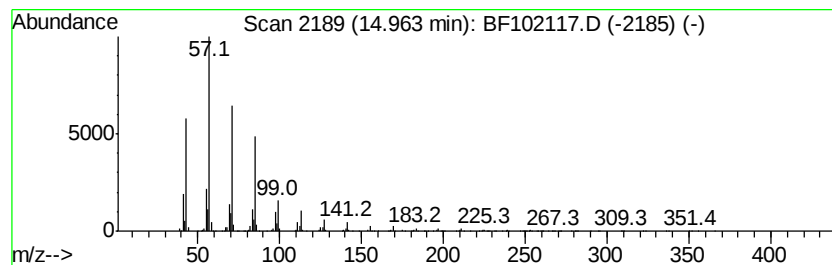
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 2-Bromo dodecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	64.10 ng	2401800	Perylene-d12	15.28

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane		248	C12H25Br	013187-99-0	93
2	triacontane		422	C30H62	000638-68-6	91
3	hexacosane		366	C26H54	000630-01-3	91
4	heneicosane		296	C21H44	000629-94-7	91
5	octacosane		394	C28H58	000630-02-4	91



Data Path : U:\HPCHEM1\BNA_F\DATA\BF011618\
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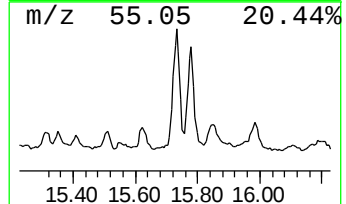
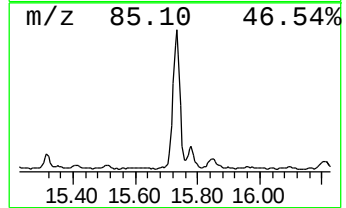
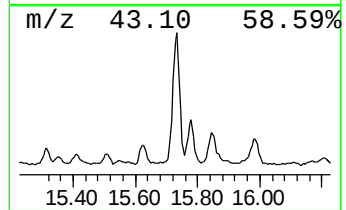
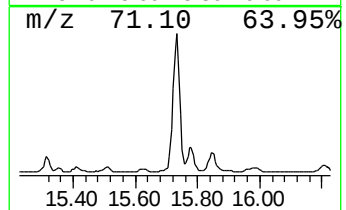
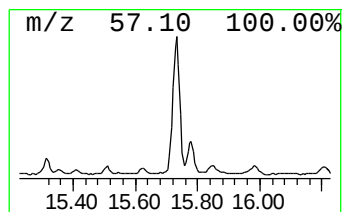
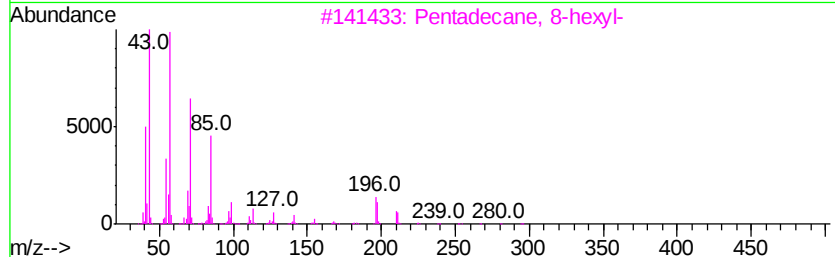
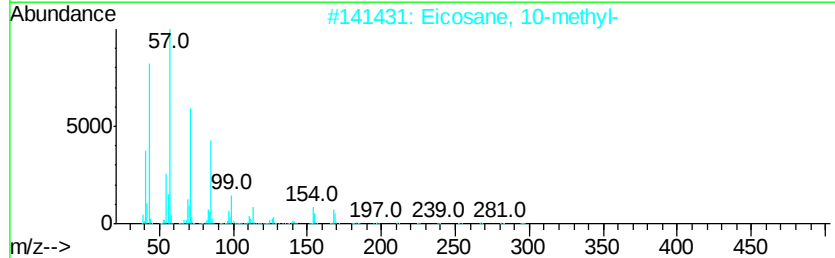
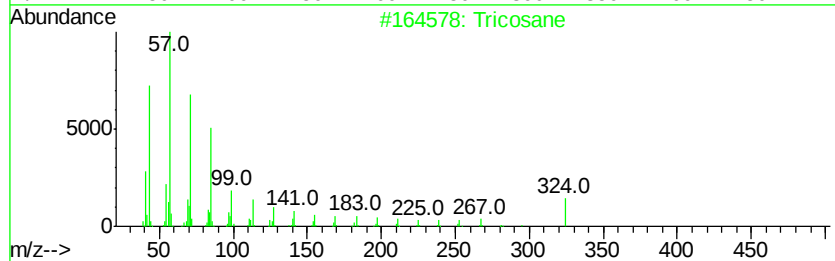
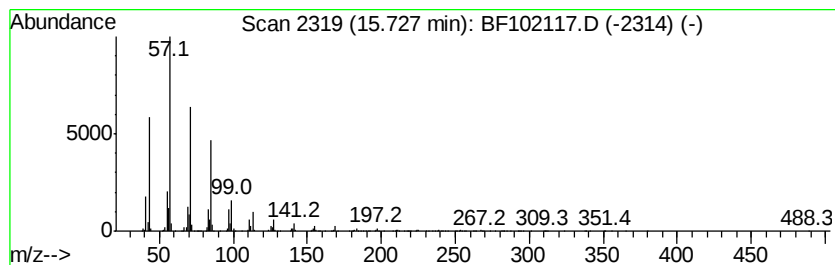
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tricosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	68.91 ng	2582040	Perylene-d12	15.28

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane		324	C23H48	000638-67-5	95
2	Eicosane, 10-methyl-		296	C21H44	054833-23-7	94
3	Pentadecane, 8-hexyl-		296	C21H44	013475-75-7	94
4	Hexacosane		366	C26H54	000630-01-3	91
5	Heneicosane		296	C21H44	000629-94-7	91



Data Path : U:\HPCHEM1\BNA F\DATA\BF011618\
Data File : BF102117.D
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Misc :
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ClientSampleId :
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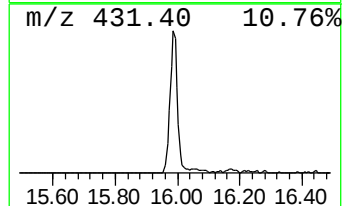
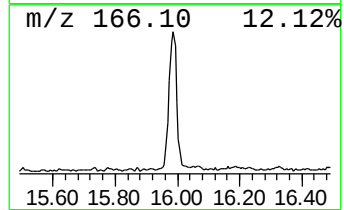
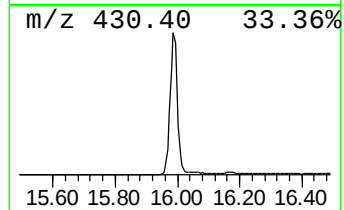
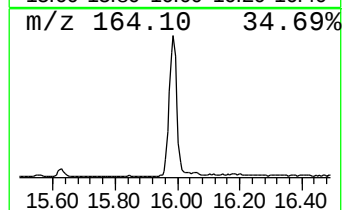
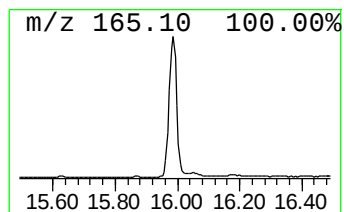
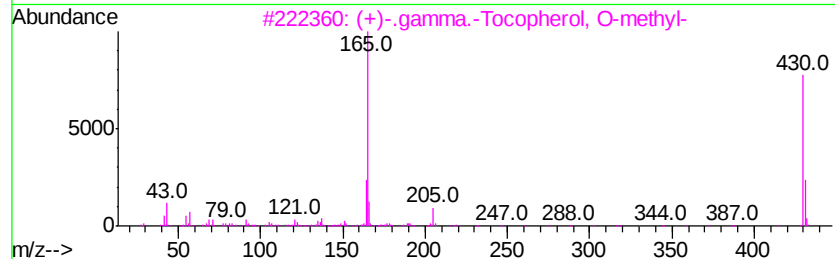
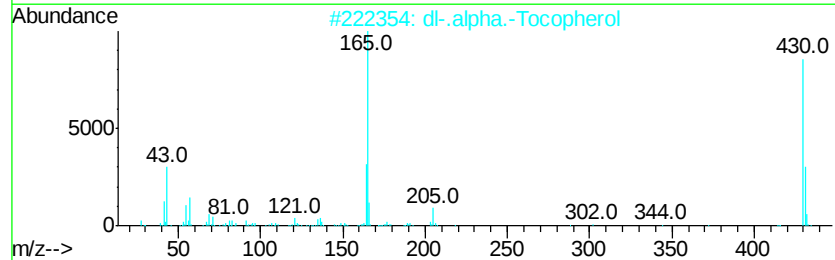
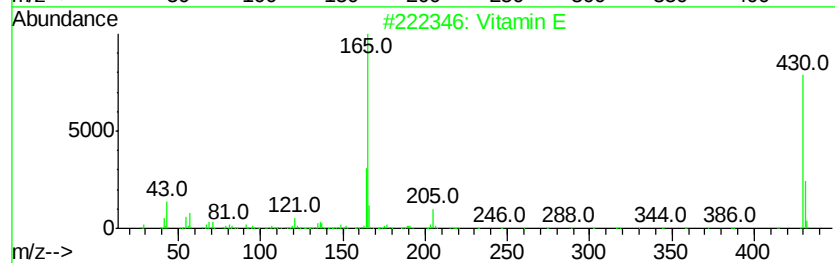
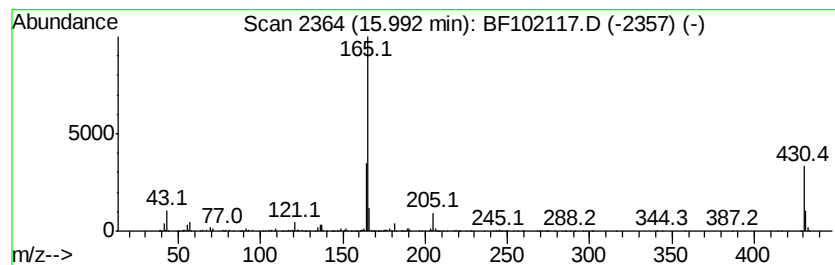
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Vitamin E Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.99	46.62 ng	1746870	Perylene-d12	15.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Vitamin E	430	C29H50O2	000059-02-9	95
2		dl-.alpha.-Tocopherol	430	C29H50O2	010191-41-0	94
3		(+)-.gamma.-Tocopherol, O-methyl-	430	C29H50O2	1000374-72-2	94
4		4-Amino-3-methoxypprazolo[3,4-d]...	165	C6H7N5O	111375-22-5	53
5		Stannane, ethyltrimethyl-	194	C5H14Sn	003531-44-0	38



Data Path : U:\HPCHEM1\BNA F\DATA\BF011618\
Data File : BF102117.D
Acq On : 16 Jan 2018 18:48
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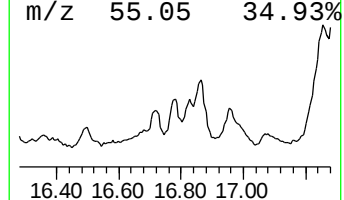
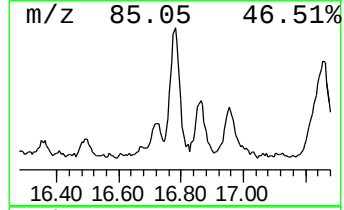
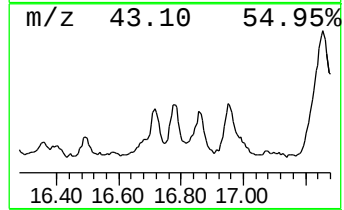
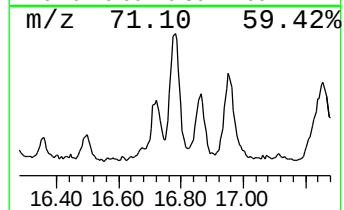
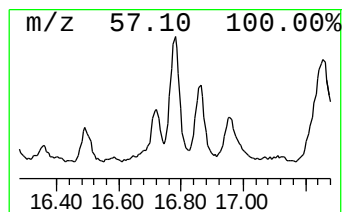
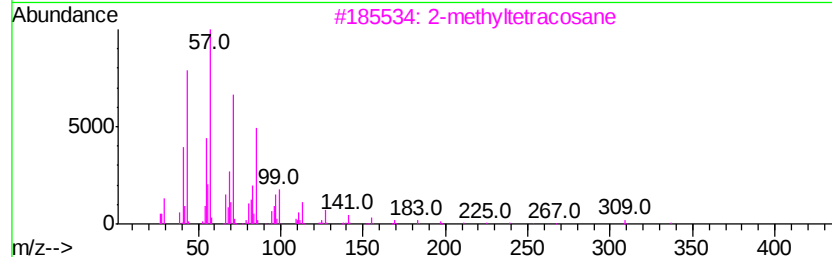
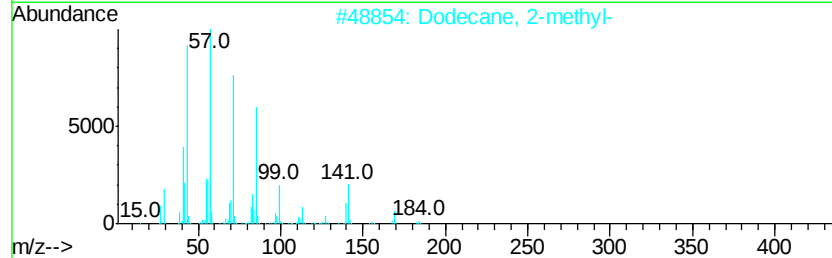
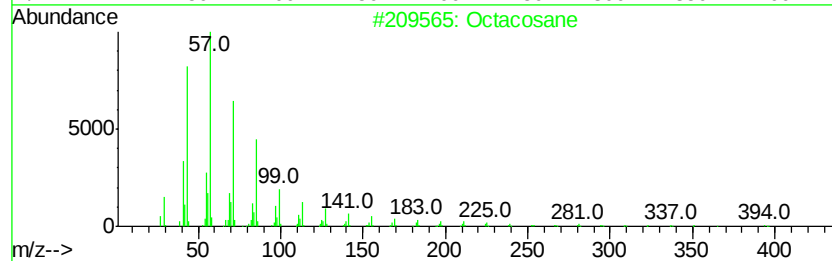
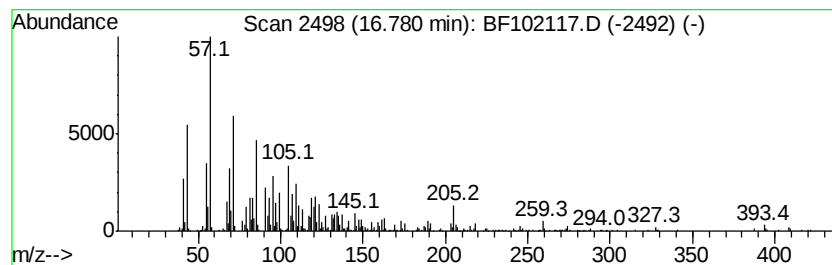
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octacosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.78	31.24 ng	1170480	Perylene-d12	15.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	70
2		Dodecane, 2-methyl-	184	C13H28	001560-97-0	55
3		2-methyltetraacosane	352	C25H52	1000376-72-6	53
4		Hexacosane	366	C26H54	000630-01-3	50
5		2-methyloctacosane	408	C29H60	1000376-72-8	49



Data Path : U:\HPCHEM1\BNA F\DATA\BF011618\
Data File : BF102117.D
Acq On : 16 Jan 2018 18:48
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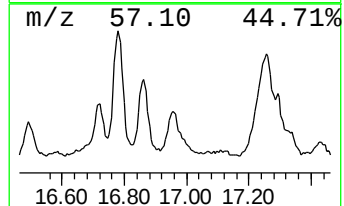
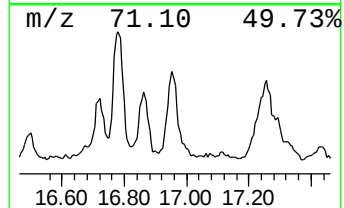
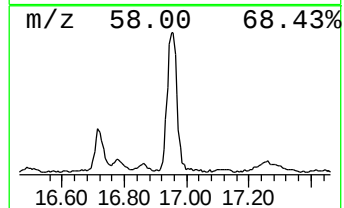
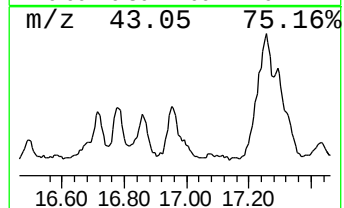
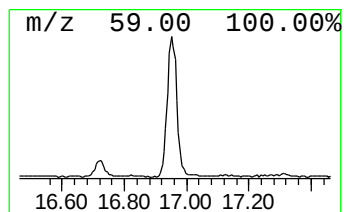
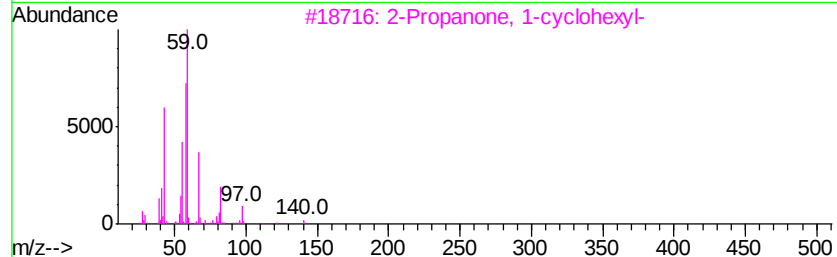
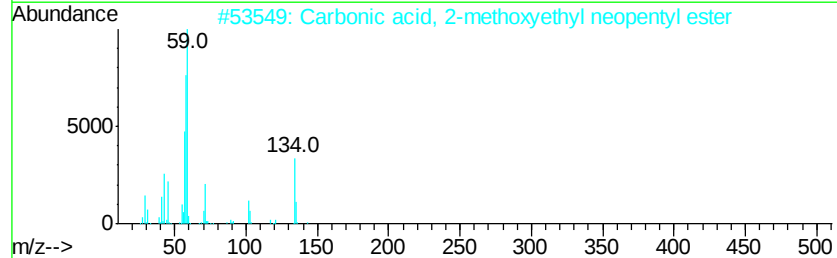
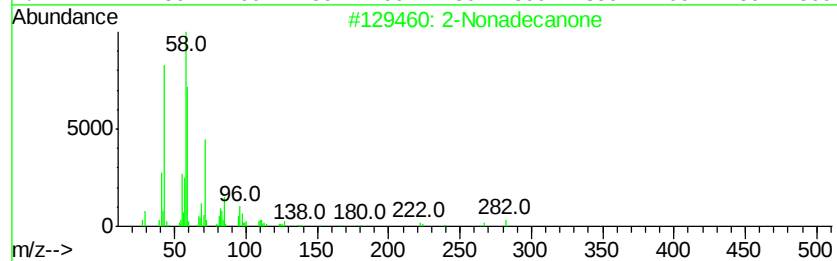
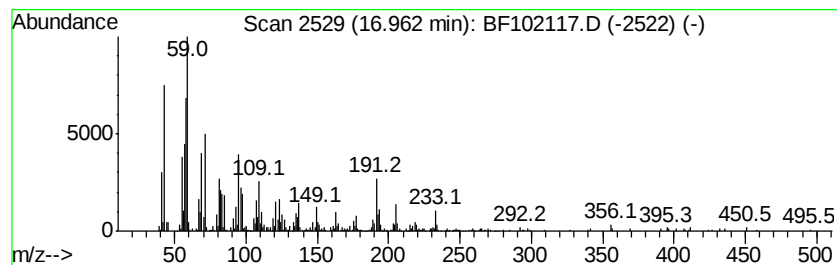
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown16.96 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.96	50.97 ng	1909940	Perylene-d12	15.28

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Nonadecanone		282	C19H38O	000629-66-3	38
2	Carbonic acid, 2-methoxyethyl ne...		190	C9H18O4	1000331-42-7	35
3	2-Propanone, 1-cyclohexyl-		140	C9H16O	000103-78-6	35
4	2-(3,4-Dibromo-4-methylcyclohexy...		312	C10H18Br2O	110202-13-6	35
5	8-Hydroxycarvotanacetone		168	C10H16O2	007712-46-1	32



Data Path : U:\HPCHEM1\BNA_F\DATA\BF011618\
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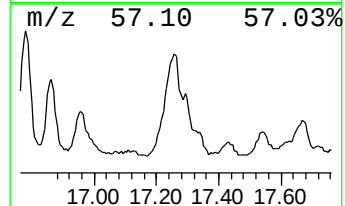
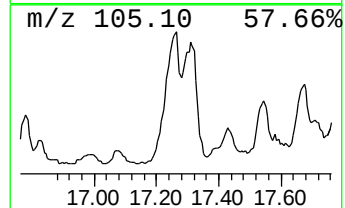
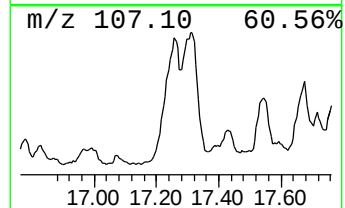
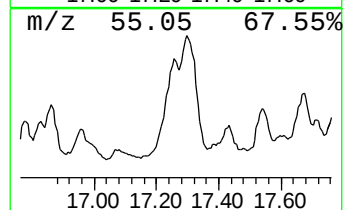
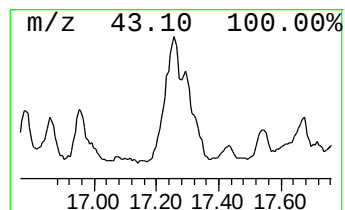
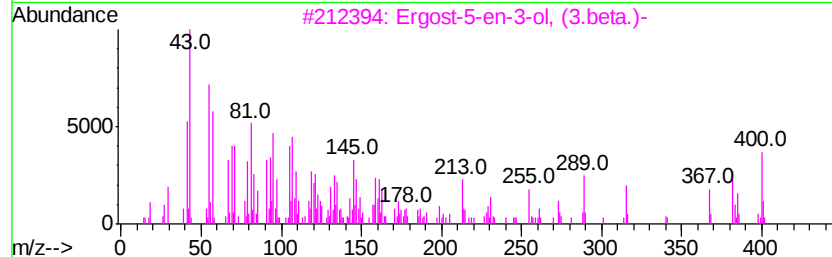
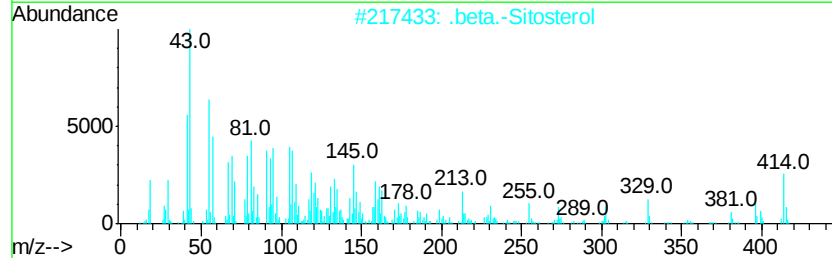
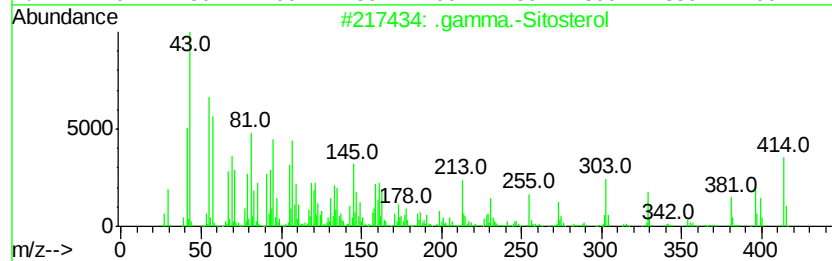
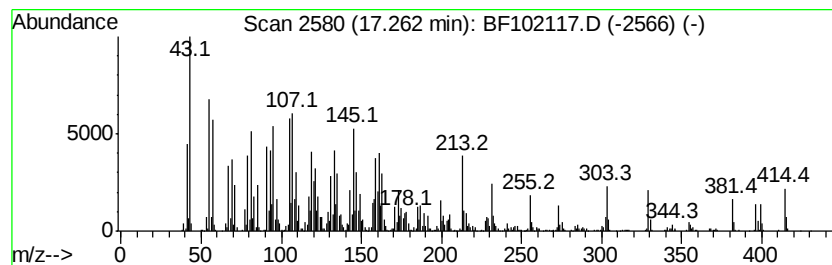
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 .gamma.-Sitosterol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.26	181.01 ng	6782830	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	81
3		Ergost-5-en-3-ol, (3.beta.)-	400	C28H48O	004651-51-8	49
4		Isocholesterol methyl ether	400	C28H48O	029944-53-4	49
5		Campesterol	400	C28H48O	000474-62-4	46



Data Path : U:\HPCHEM1\BNA_F\DATA\BF011618\
Data File : BF102117.D
Acq On : 16 Jan 2018 18:48
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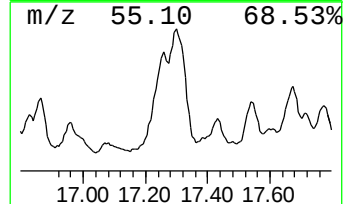
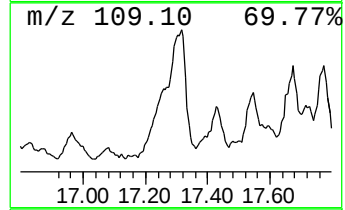
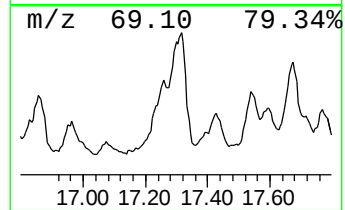
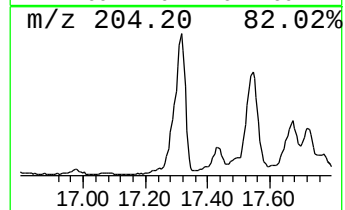
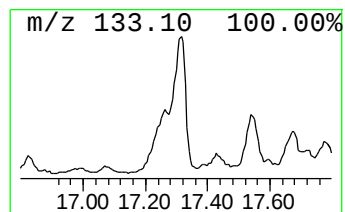
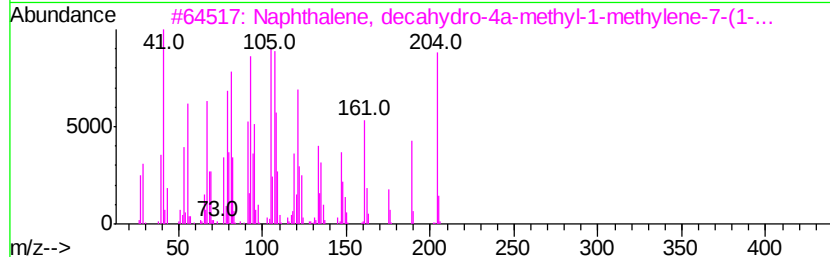
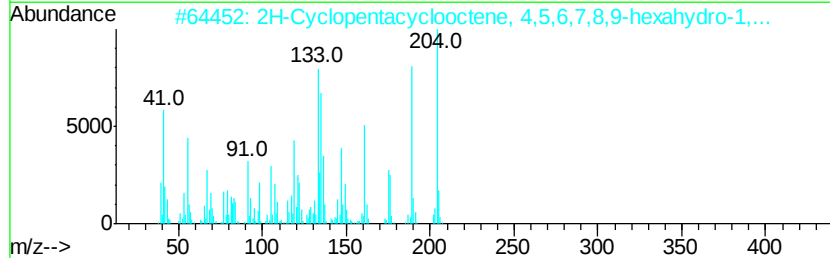
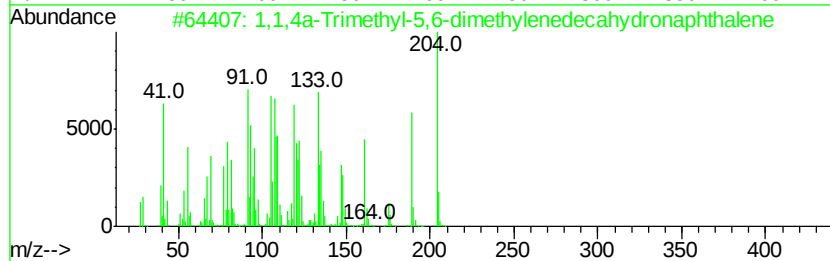
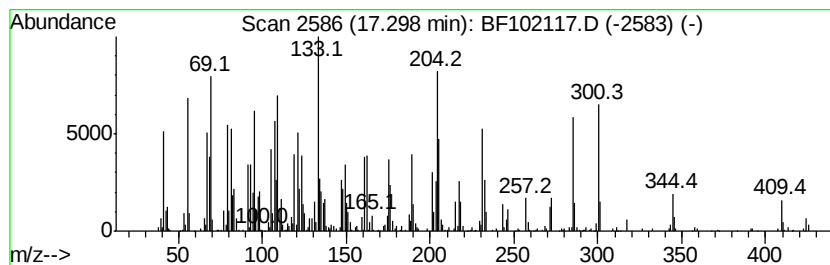
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown17.30 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.30	178.85 ng	6701720	Perylene-d12	15.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	38
2		2H-Cyclopentacyclooctene, 4,5,6,...	204	C15H24	1000221-85-8	35
3		Naphthalene, decahydro-4a-methyl...	204	C15H24	017066-67-0	25
4		Phenanthrene, 1,2,3,4,4a,9,10,10...	300	C21H32O	010064-26-3	25
5		[1,2,5]-Oxadiazolo[3,4-f]cinnoli...	204	C9H8N4O2	302604-99-5	25



Data Path : U:\HPCHEM1\BNA_F\DATA\BF011618\
Data File : BF102117.D
Acq On : 16 Jan 2018 18:48
Operator : SJ/JU
Sample : J1127-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

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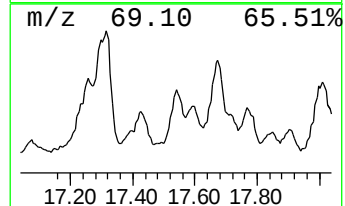
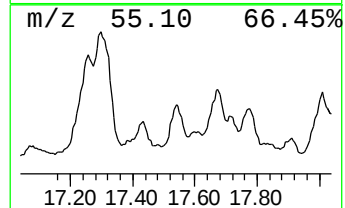
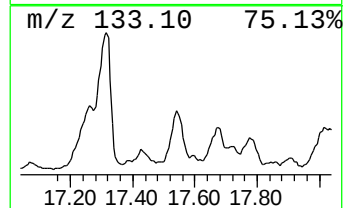
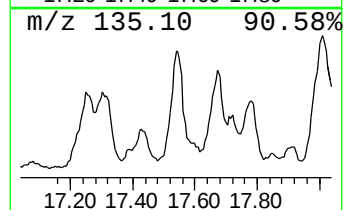
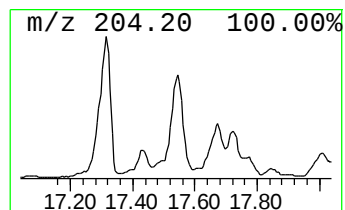
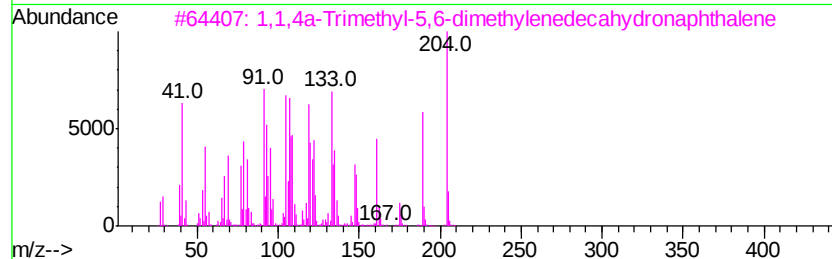
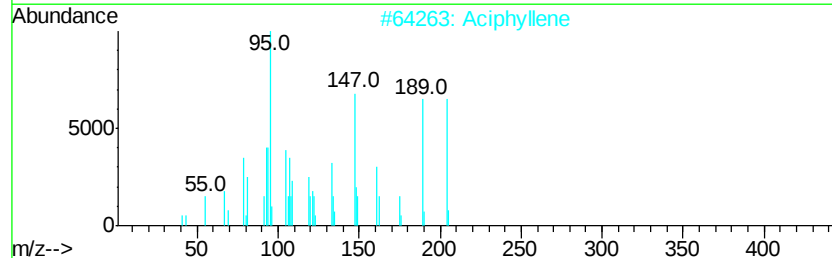
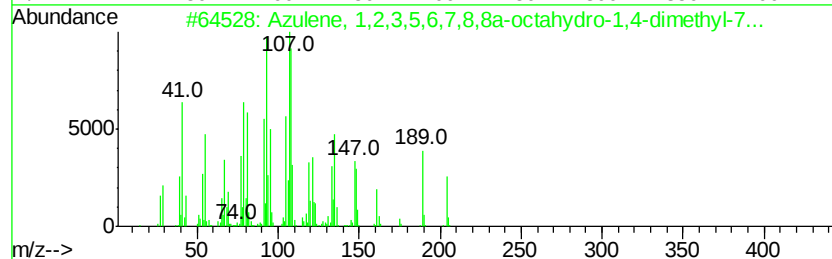
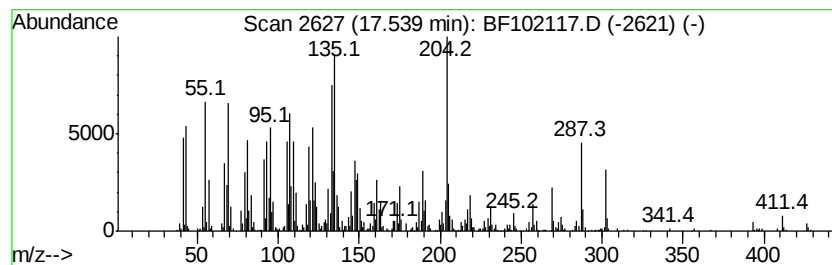
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Azulene, 1,2,3,5,6,7,8,8a-o... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.54	65.22 ng	2444120	Perylene-d12	15.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Azulene, 1,2,3,5,6,7,8,8a-octahv...	204	C15H24	003691-11-0	68
2		Aciphyllene	204	C15H24	087745-31-1	50
3		1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	47
4		1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1000140-07-7	45
5		2,5,5,8a-Tetramethyl-6,7,8,8a-te...	204	C14H200	124957-09-1	45



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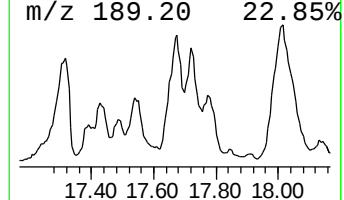
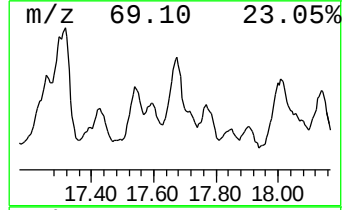
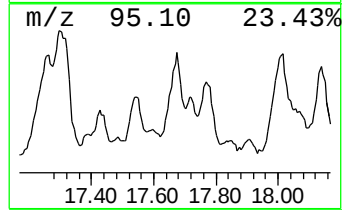
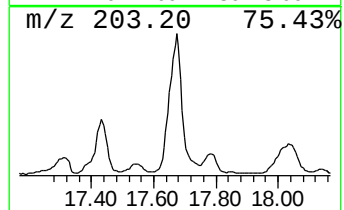
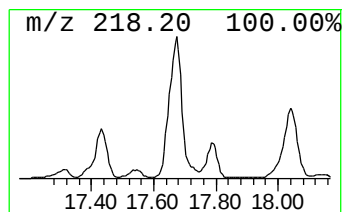
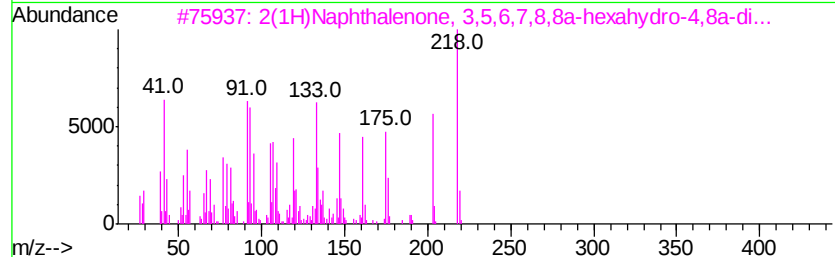
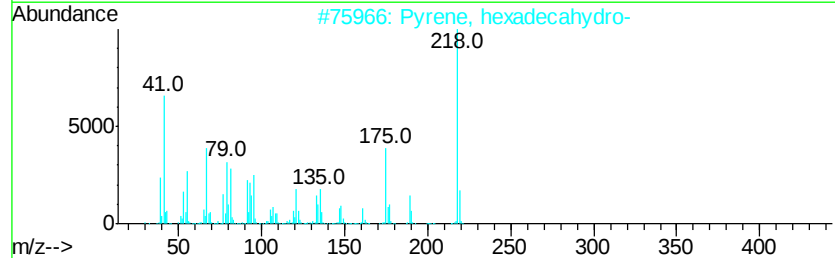
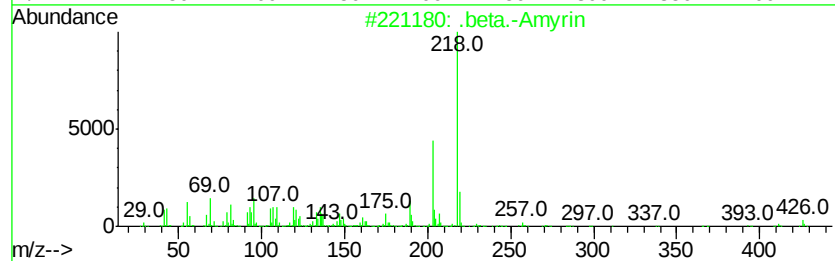
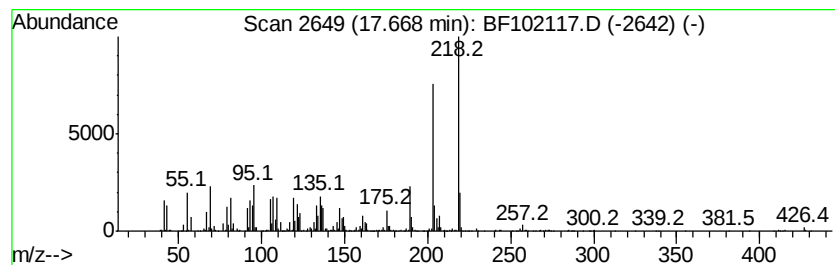
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 .beta.-Amyrin Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.67	86.47 ng	3240250	Perylene-d12	15.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.beta.-Amyrin	426	C30H500	000559-70-6	87
2		Pyrene, hexadecahydro-	218	C16H26	002435-85-0	64
3		2(1H)Naphthalenone, 3,5,6,7,8,8a...	218	C15H22O	1000188-66-5	64
4		3-Methoxy-6,7,8,9-tetrahydro-dib...	218	C13H14O3	1000186-57-9	62
5		Olean-12-ene	410	C30H50	000471-68-1	59



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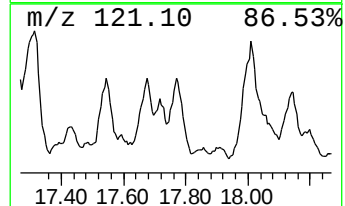
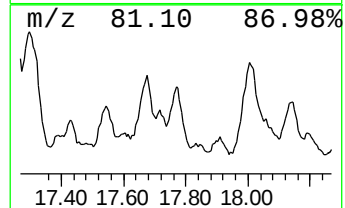
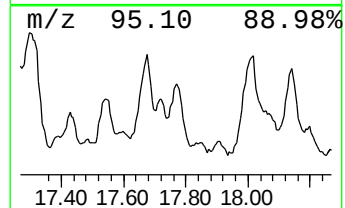
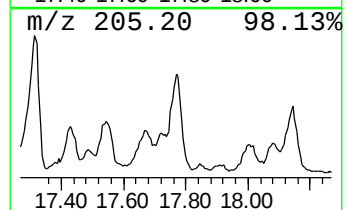
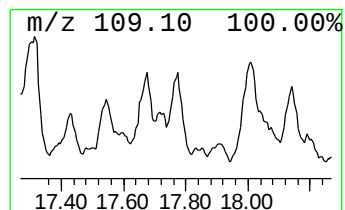
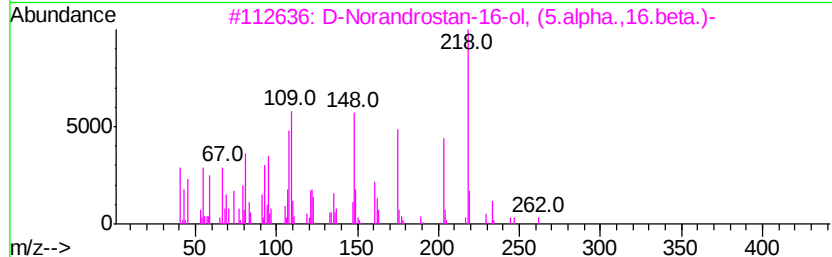
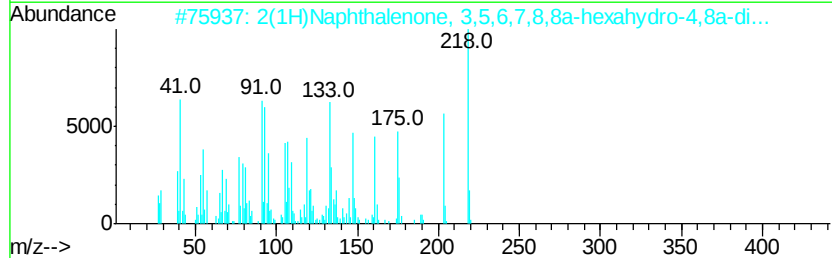
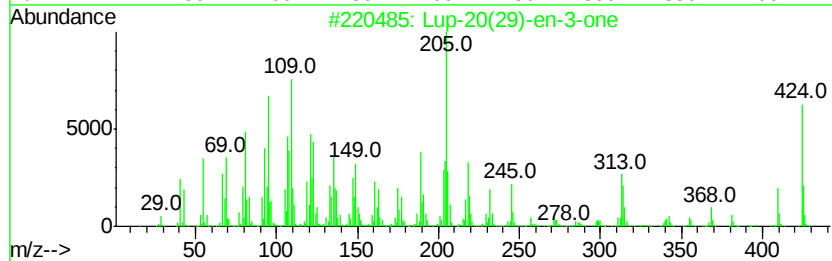
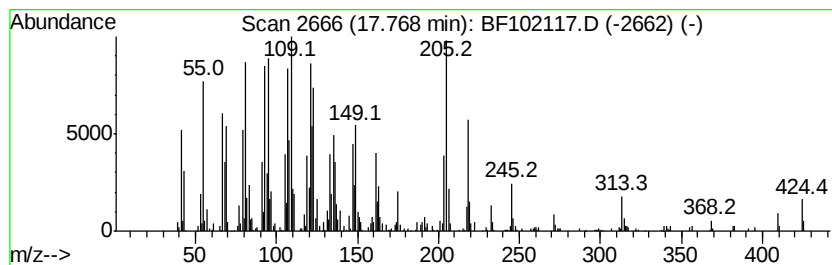
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Lup-20(29)-en-3-one Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.77	61.67 ng	2311020	Perylene-d12	15.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Lup-20(29)-en-3-one	424	C30H48O	001617-70-5	83
2		2(1H)Naphthalenone, 3,5,6,7,8,8a...	218	C15H22O	1000188-66-5	55
3		D-Norandrostan-16-ol, (5.alpha.,...	262	C18H30O	035575-61-2	55
4		4,4,6a,6b,8a,11,11,14b-Octamethy...	424	C30H48O	1000194-62-4	52
5		Spiro[4.5]dec-6-en-8-one, 1,7-di...	220	C15H24O	039510-36-6	44



Data Path : U:\HPCHEM1\BNA F\DATA\BF011618\
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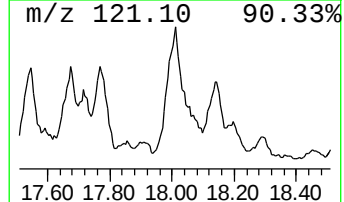
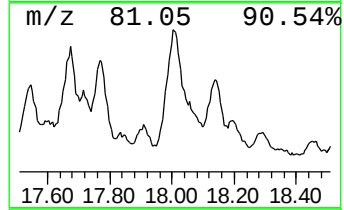
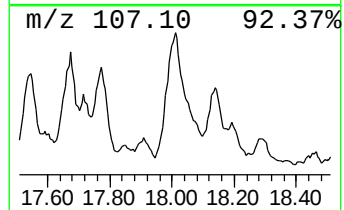
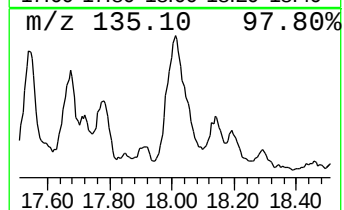
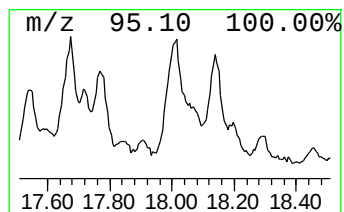
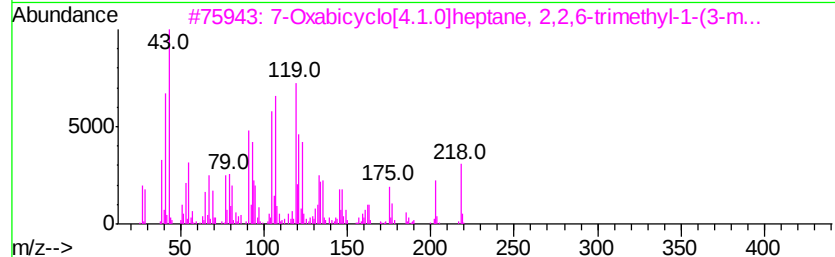
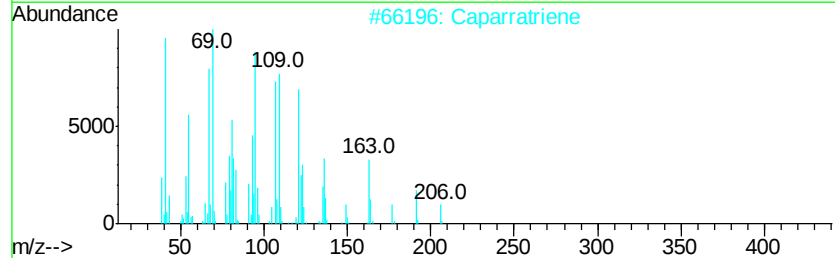
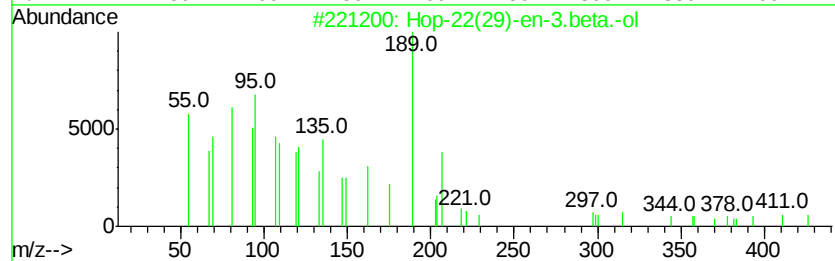
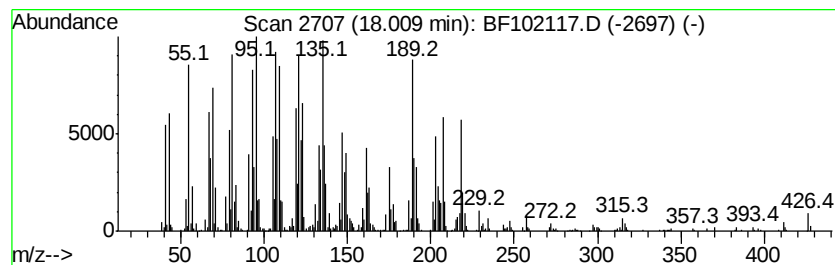
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Hop-22(29)-en-3.beta.-ol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.01	171.92 ng	6442160	Perylene-d12	15.28
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Hop-22(29)-en-3.beta.-ol	426 C30H500	058801-23-3 60
2		Caparratriene	206 C15H26	1000374-08-7 55
3		7-Oxabicyclo[4.1.0]heptane, 2,2,...	218 C15H220	070038-20-9 48
4		.gamma.-Elemene	204 C15H24	029873-99-2 45
5		Guaia-9,11-diene	204 C15H24	1000374-19-8 45



Data Path : U:\HPCHEM1\BNA_F\DATA\BF011618\
Data File : BF102117.D
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Instrument :
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ClientSampleId :
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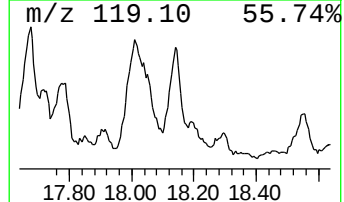
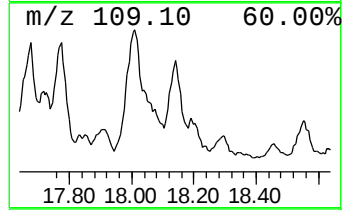
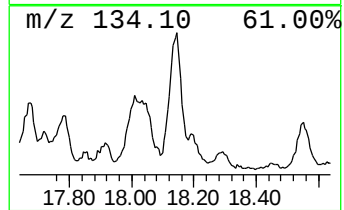
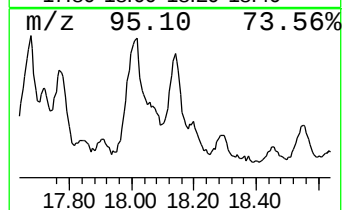
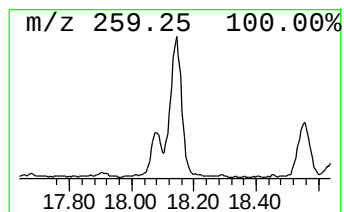
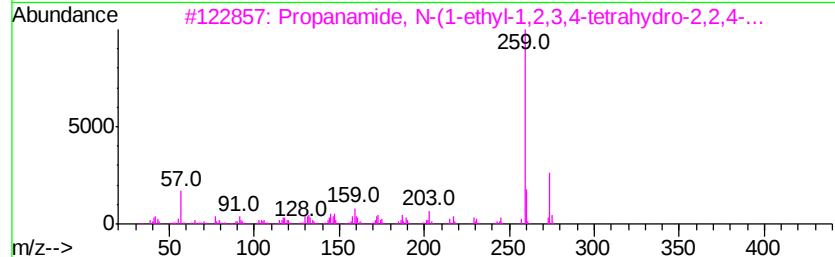
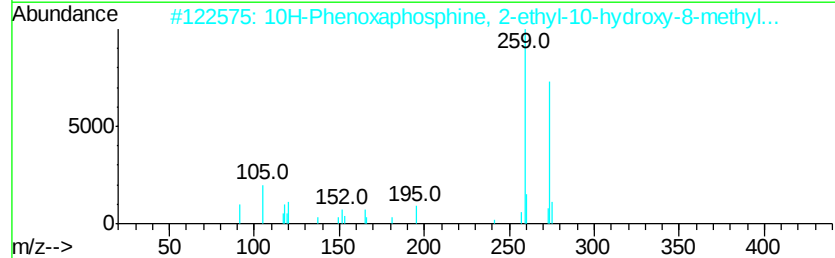
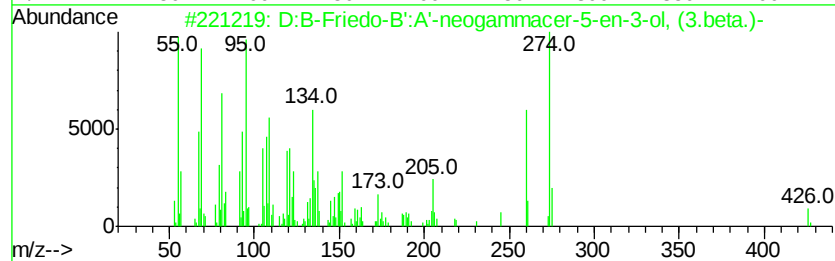
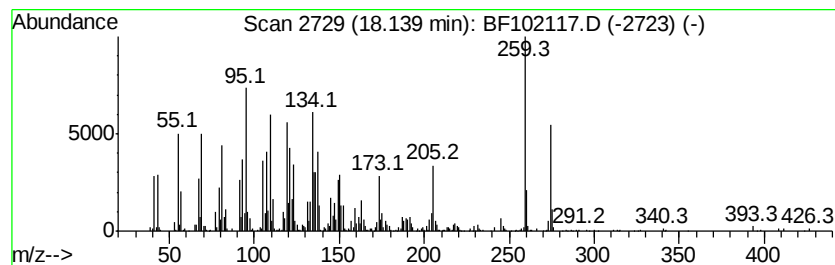
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 D:B-Friedo-B':A'-neogammace... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.14	42.60 ng	1596180	Perylene-d12	15.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	D:B-Friedo-B':A'-neogammacer-5-e...	426	C30H50O	001615-94-7	52
2		10H-Phenoxaphosphine, 2-ethyl-10...	274	C15H15O3P	036360-91-5	38
3		Propanamide, N-(1-ethyl-1,2,3,4-...	274	C17H26N2O	063134-09-8	38
4		4-(4-Nitrophenylazo)catechol	259	C12H9N3O4	000843-33-4	27
5		2(1H)-Phenanthrenone, 3,4,4a,4b,...	274	C19H30O	007715-44-8	25



Data Path : U:\HPCHEM1\BNA F\DATA\BF011618\
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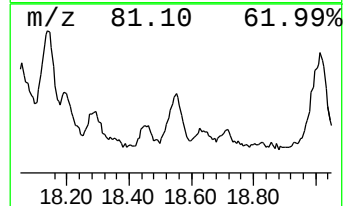
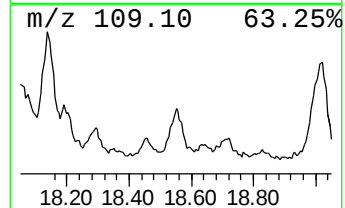
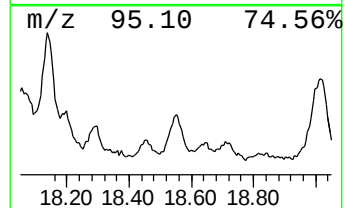
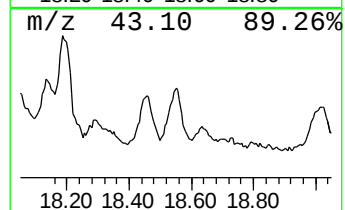
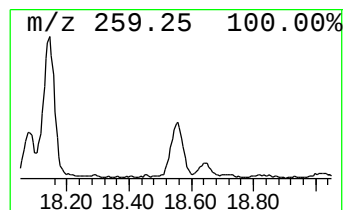
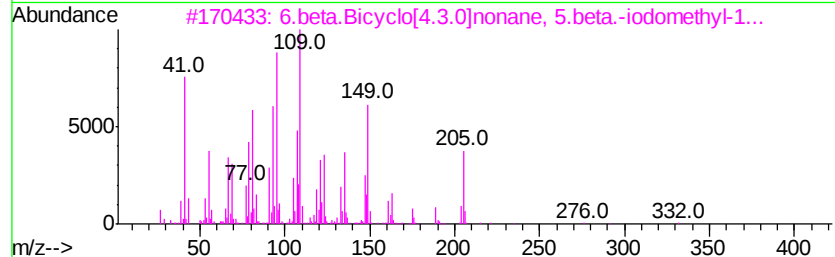
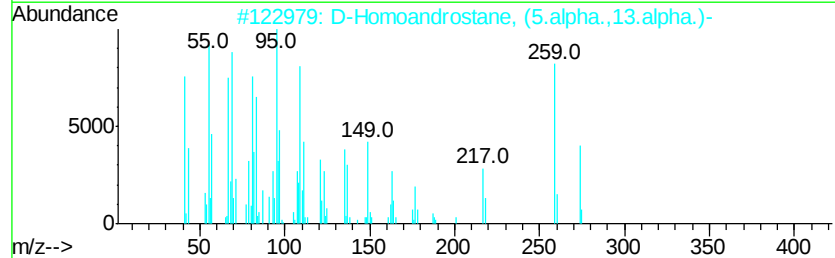
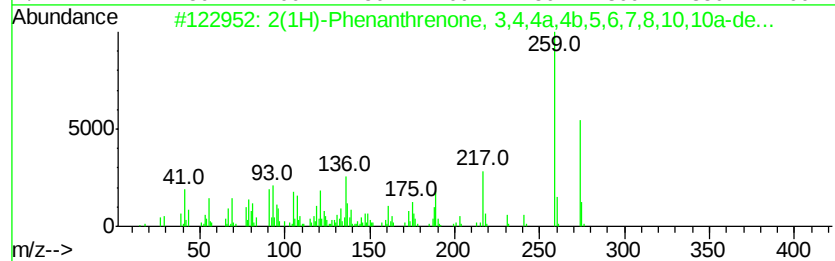
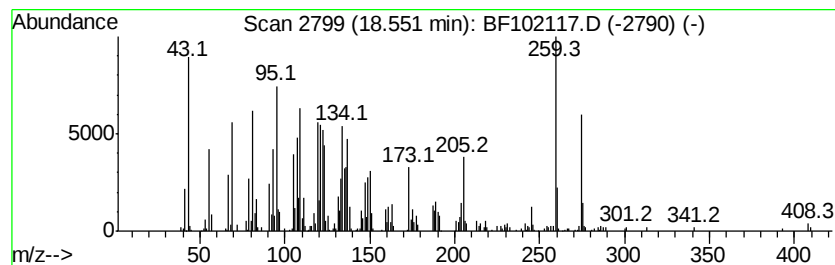
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 2(1H)-Phenanthrenone, 3,4,4... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.55	43.52 ng	1630770	Perylene-d12	15.28		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(1H)-Phenanthrenone,	3,4,4a,4b,...	274	C19H30O	007715-44-8	60
2	D-Homoandrostane,	(5.alpha.,13.a...	274	C20H34	054482-31-4	43
3	6.beta.Bicyclo[4.3.0]nonane,	5.b...	332	C15H25I	1000195-85-9	27
4	1,3-DIETHYL-2-HYDROXYBENZOTHAZO...		274	C14H14N2O2S	1000227-15-3	20
5	(Azepan-2-ylidene)[5-(4-fluoroph...		274	C14H15FN4O	1000302-66-1	15



Data Path : U:\HPCHEM1\BNA_F\DATA\BF011618\
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Misc :
ALS Vial : 6 Sample Multiplier: 1

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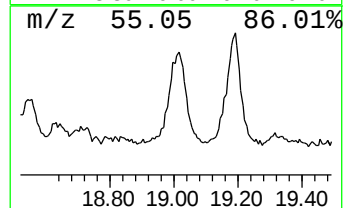
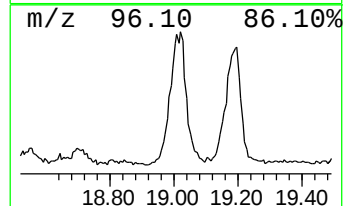
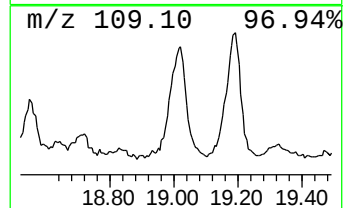
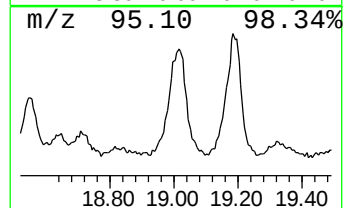
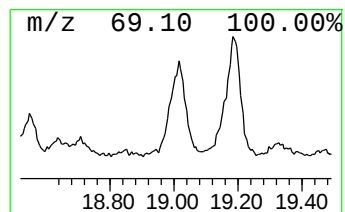
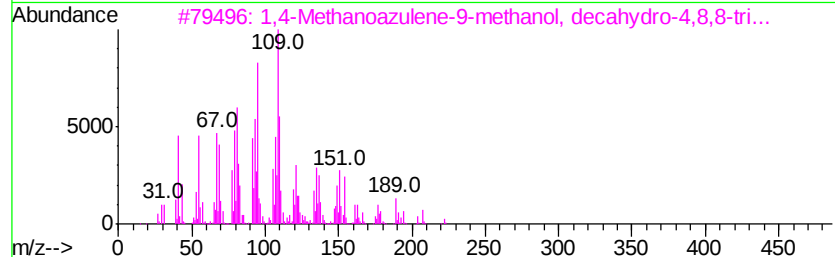
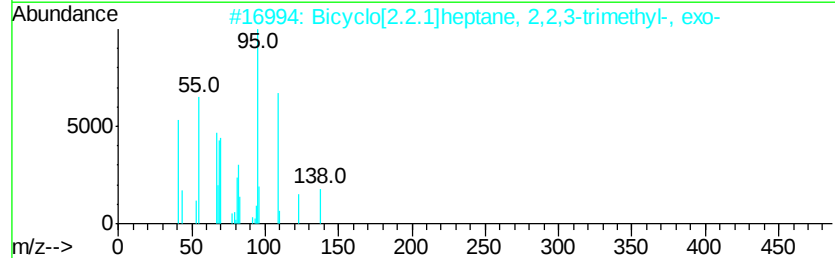
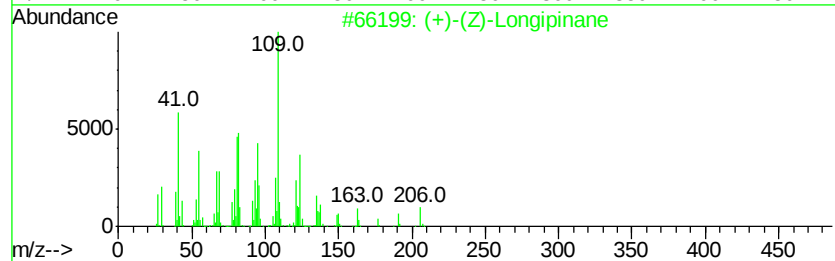
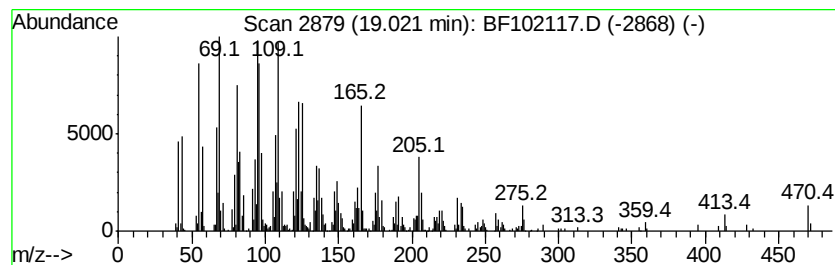
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown19.02 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.02	68.90 ng	2581750	Perylene-d12	15.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(+)-(Z)-Longipinane	206	C15H26	1000156-12-3	42
2		Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-41-8	42
3		1,4-Methanoazulene-9-methanol, d...	222	C15H26O	001139-17-9	41
4		4-(1,3,3-Trimethyl-bicyclo[4.1.0...	206	C14H22O	077143-31-8	38
5		Naphthalene, decahydro-1,6-dimet...	208	C15H28	029788-41-8	38



Data Path : U:\HPCHEM1\BNA F\DATA\BF011618\
Data File : BF102117.D
Acq On : 16 Jan 2018 18:48
Operator : SJ/JU
Sample : J1127-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OCTOP2-01112018

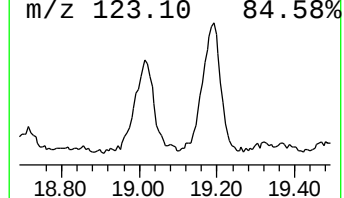
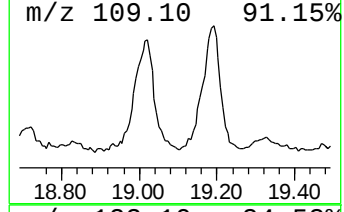
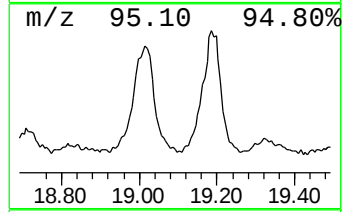
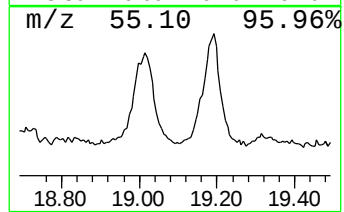
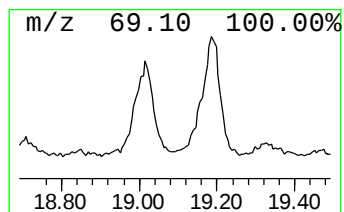
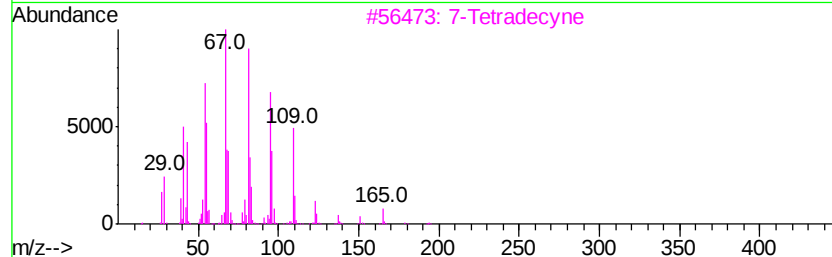
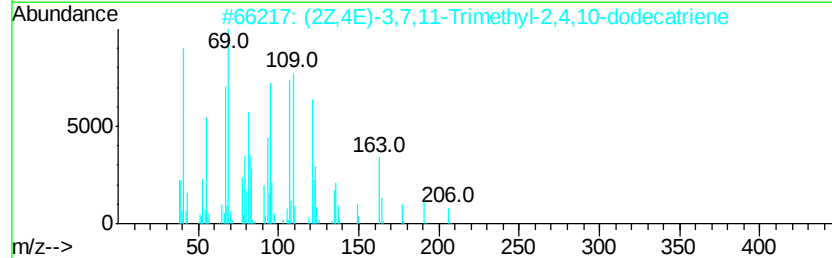
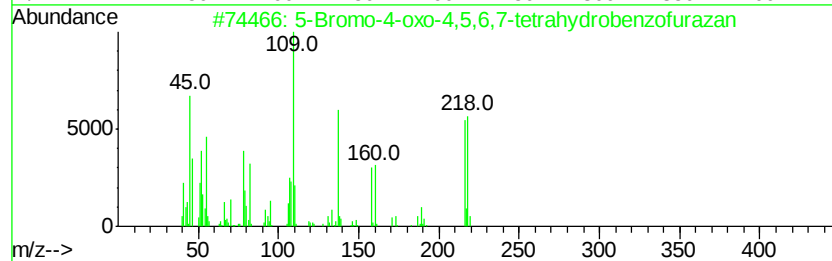
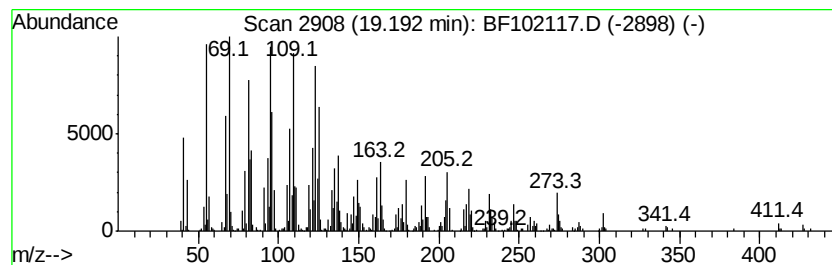
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 5-Bromo-4-oxo-4,5,6,7-tetra... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.19	69.44 ng	2602100	Perylene-d12	15.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Bromo-4-oxo-4,5,6,7-tetrahydro...	216	C6H5BrN2O2	300574-36-1	91
2		(2Z,4E)-3,7,11-Trimethyl-2,4,10-...	206	C15H26	172549-29-0	83
3		7-Tetradecyne	194	C14H26	035216-11-6	50
4		Caparratriene	206	C15H26	1000374-08-7	46
5		3-Cyclopentylpropionic acid, but...	194	C12H18O2	1000292-46-4	46



Data Path : U:\HPCHEM1\BNA_F\DATA\BF011618\
 Data File : BF102117.D
 Acq On : 16 Jan 2018 18:48
 Operator : SJ/JU
 Sample : J1127-01
 Misc :
 ALS Vial : 6 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	80.7	ng	4016530	1	6.72	995530	20.0
Trichloroacetic a...	13.72	45.6	ng	1579240	5	13.87	693198	20.0
Heptafluorobutyri...	14.35	56.3	ng	1951120	5	13.87	693198	20.0
2-Bromo dodecane	14.96	64.1	ng	2401800	6	15.28	749445	20.0
Tricosane	15.73	68.9	ng	2582040	6	15.28	749445	20.0
Vitamin E	15.99	46.6	ng	1746870	6	15.28	749445	20.0
Octacosane	16.78	31.2	ng	1170480	6	15.28	749445	20.0
unknown16.96	16.96	51.0	ng	1909940	6	15.28	749445	20.0
.gamma.-Sitosterol	17.26	181.0	ng	6782830	6	15.28	749445	20.0
unknown17.30	17.30	178.8	ng	6701720	6	15.28	749445	20.0
1-(2-Methoxypheny...	17.43	41.1	ng	1539710	6	15.28	749445	20.0
Azulene, 1,2,3,5,...	17.54	65.2	ng	2444120	6	15.28	749445	20.0
.beta.-Amyrin	17.67	86.5	ng	3240250	6	15.28	749445	20.0
Lup-20(29)-en-3-one	17.77	61.7	ng	2311020	6	15.28	749445	20.0
Hop-22(29)-en-3.b...	18.01	171.9	ng	6442160	6	15.28	749445	20.0
D:B-Friedo-B':A'-...	18.14	42.6	ng	1596180	6	15.28	749445	20.0
2(1H)-Phenanthren...	18.55	43.5	ng	1630770	6	15.28	749445	20.0
unknown19.02	19.02	68.9	ng	2581750	6	15.28	749445	20.0
5-Bromo-4-oxo-4,5...	19.19	69.4	ng	2602100	6	15.28	749445	20.0