

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040617\
 Data File : BF094259.D
 Acq On : 7 Apr 2017 7:50
 Operator : SJ/MA
 Sample : I2542-16
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-3

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-BF032217.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	3.999	354	359	371	rVB	769476	1067401	21.43%	2.039%
2	4.393	421	426	430	rBV	3829730	4460101	89.55%	8.519%
3	4.781	488	492	499	rVB	61991	65388	1.31%	0.125%
4	5.063	537	540	543	rBV	78882	67408	1.35%	0.129%
5	5.469	602	609	613	rBV2	3602590	4980640	100.00%	9.513%
6	5.604	626	632	635	rBV	4185818	4716515	94.70%	9.009%
7	5.851	670	674	678	rBV	1066284	958867	19.25%	1.831%
8	6.034	700	705	708	rBV	3432644	3459229	69.45%	6.607%
9	6.504	778	785	788	rBV	2491515	3070757	61.65%	5.865%
10	7.063	874	880	886	rBV4	41139	64971	1.30%	0.124%
11	7.357	925	930	933	rBV	1290053	1284277	25.79%	2.453%
12	8.681	1148	1155	1158	rBV	3899535	4043052	81.18%	7.722%
13	9.175	1231	1239	1244	rBV	459538	443527	8.91%	0.847%
14	9.322	1260	1264	1268	rVB	114856	117994	2.37%	0.225%
15	9.492	1286	1293	1298	rBV2	1258900	1368559	27.48%	2.614%
16	10.086	1391	1394	1398	rVB	69641	65939	1.32%	0.126%
17	10.469	1453	1459	1463	rBV	2165859	2541184	51.02%	4.854%
18	10.675	1490	1494	1501	rBV	99904	134532	2.70%	0.257%
19	10.769	1504	1510	1514	rVB	67118	79374	1.59%	0.152%
20	10.933	1532	1538	1544	rBV8	30441	79775	1.60%	0.152%
21	11.228	1584	1588	1592	rBV	84988	79081	1.59%	0.151%
22	11.316	1599	1603	1606	rBV	1062197	1141568	22.92%	2.180%
23	11.345	1606	1608	1612	rVV	197909	165069	3.31%	0.315%
24	11.410	1612	1619	1624	rVV	103146	151984	3.05%	0.290%
25	11.457	1624	1627	1633	rVB6	35585	62804	1.26%	0.120%
26	11.939	1705	1709	1712	rBV	49011	56455	1.13%	0.108%
27	11.975	1712	1715	1720	rVB	67395	67712	1.36%	0.129%
28	12.033	1721	1725	1729	rVV2	55814	81979	1.65%	0.157%
29	12.069	1729	1731	1735	rVV	115416	145840	2.93%	0.279%
30	12.104	1735	1737	1742	rVB2	54567	59426	1.19%	0.114%
31	12.180	1745	1750	1756	rBV5	60437	100317	2.01%	0.192%
32	12.427	1786	1792	1796	rBV8	46358	70872	1.42%	0.135%
33	12.498	1801	1804	1808	rVV3	40764	55465	1.11%	0.106%
34	12.627	1822	1826	1829	rBV	92149	128453	2.58%	0.245%

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.674	1829	1834	1835	rVV3	168991	212014	4.26%	0.405%
36	12.692	1835	1837	1841	rVV	220395	240489	4.83%	0.459%
37	12.739	1843	1845	1849	rVB4	53024	52974	1.06%	0.101%
38	12.810	1853	1857	1860	rBV	752687	735772	14.77%	1.405%
39	12.927	1873	1877	1879	rBV	64943	70522	1.42%	0.135%
40	12.957	1879	1882	1885	rBV	58696	55294	1.11%	0.106%
41	13.039	1890	1896	1899	rBV5	29532	66033	1.33%	0.126%
42	13.086	1899	1904	1908	rBV2	727819	797537	16.01%	1.523%
43	13.133	1908	1912	1915	rBV3	100404	113623	2.28%	0.217%
44	13.245	1926	1931	1934	rBV2	68982	94921	1.91%	0.181%
45	13.298	1934	1940	1944	rBV	2255952	2426808	48.72%	4.635%
46	13.374	1950	1953	1957	rVB2	79889	102062	2.05%	0.195%
47	13.474	1966	1970	1972	rBV2	56138	85369	1.71%	0.163%
48	13.504	1972	1975	1979	rVB	131455	141900	2.85%	0.271%
49	13.586	1985	1989	1991	rBV	92863	99068	1.99%	0.189%
50	13.627	1993	1996	2002	rVB3	136115	204037	4.10%	0.390%
51	13.739	2012	2015	2018	rBV2	99691	96777	1.94%	0.185%
52	13.774	2018	2021	2024	rBV	164824	181056	3.64%	0.346%
53	13.933	2045	2048	2052	rVB	74948	77740	1.56%	0.148%
54	14.010	2058	2061	2064	rBV3	61467	65223	1.31%	0.125%
55	14.069	2068	2071	2074	rVB	75159	71481	1.44%	0.137%
56	14.104	2074	2077	2078	rBV3	57460	56327	1.13%	0.108%
57	14.210	2092	2095	2099	rBV3	86923	115779	2.32%	0.221%
58	14.257	2100	2103	2106	rVV2	94263	113843	2.29%	0.217%
59	14.298	2107	2110	2112	rVV	96751	106002	2.13%	0.202%
60	14.345	2116	2118	2121	rVV2	61641	63622	1.28%	0.122%
61	14.380	2122	2124	2130	rVB	58105	79180	1.59%	0.151%
62	14.474	2134	2140	2146	rBV3	249469	447834	8.99%	0.855%
63	14.568	2151	2156	2160	rBV2	905641	1430846	28.73%	2.733%
64	14.604	2160	2162	2165	rVB	372493	317460	6.37%	0.606%
65	14.698	2174	2178	2180	rBV3	61888	73071	1.47%	0.140%
66	14.745	2183	2186	2188	rVB2	47950	51732	1.04%	0.099%
67	14.868	2203	2207	2214	rBV2	186469	250708	5.03%	0.479%
68	15.016	2228	2232	2234	rBV2	84835	99692	2.00%	0.190%
69	15.057	2236	2239	2242	rVV	119332	137289	2.76%	0.262%
70	15.092	2243	2245	2250	rVB2	65791	89499	1.80%	0.171%
71	15.168	2255	2258	2261	rVV2	70847	77216	1.55%	0.147%

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72	15.204	2261	2264	2266	rVV3	46061	62686	1.26%	0.120%
73	15.251	2268	2272	2278	rVB	361358	443208	8.90%	0.847%
74	15.568	2323	2326	2330	rBV3	98527	105823	2.12%	0.202%
75	15.610	2330	2333	2340	rBV2	183834	254413	5.11%	0.486%
76	15.763	2356	2359	2361	rBV2	78246	68330	1.37%	0.131%
77	15.798	2361	2365	2368	rBV	337839	508306	10.21%	0.971%
78	15.904	2380	2383	2387	rVB	83362	91593	1.84%	0.175%
79	15.968	2390	2394	2396	rBV	403408	484145	9.72%	0.925%
80	16.086	2410	2414	2417	rBV	188750	204322	4.10%	0.390%
81	16.139	2420	2423	2427	rVB	302706	302158	6.07%	0.577%
82	16.204	2429	2434	2437	rBV	599715	725026	14.56%	1.385%
83	16.321	2450	2454	2459	rBV	129816	154749	3.11%	0.296%
84	16.498	2481	2484	2488	rVB3	107963	134356	2.70%	0.257%
85	16.721	2518	2522	2525	rBV2	178442	247451	4.97%	0.473%
86	16.768	2525	2530	2536	rVV	590395	965018	19.38%	1.843%
87	17.174	2596	2599	2603	rBV2	58448	77118	1.55%	0.147%
88	17.521	2655	2658	2666	rVB2	71654	118899	2.39%	0.227%
89	18.092	2749	2755	2761	rBV5	214981	557929	11.20%	1.066%
90	18.262	2780	2784	2790	rVB2	113474	191490	3.84%	0.366%
91	18.368	2797	2802	2809	rBV8	85082	172998	3.47%	0.330%
92	18.562	2830	2835	2844	rVB4	248298	567720	11.40%	1.084%
93	18.780	2867	2872	2878	rBV7	121387	313326	6.29%	0.598%
94	18.986	2901	2907	2920	rVB2	258246	666571	13.38%	1.273%

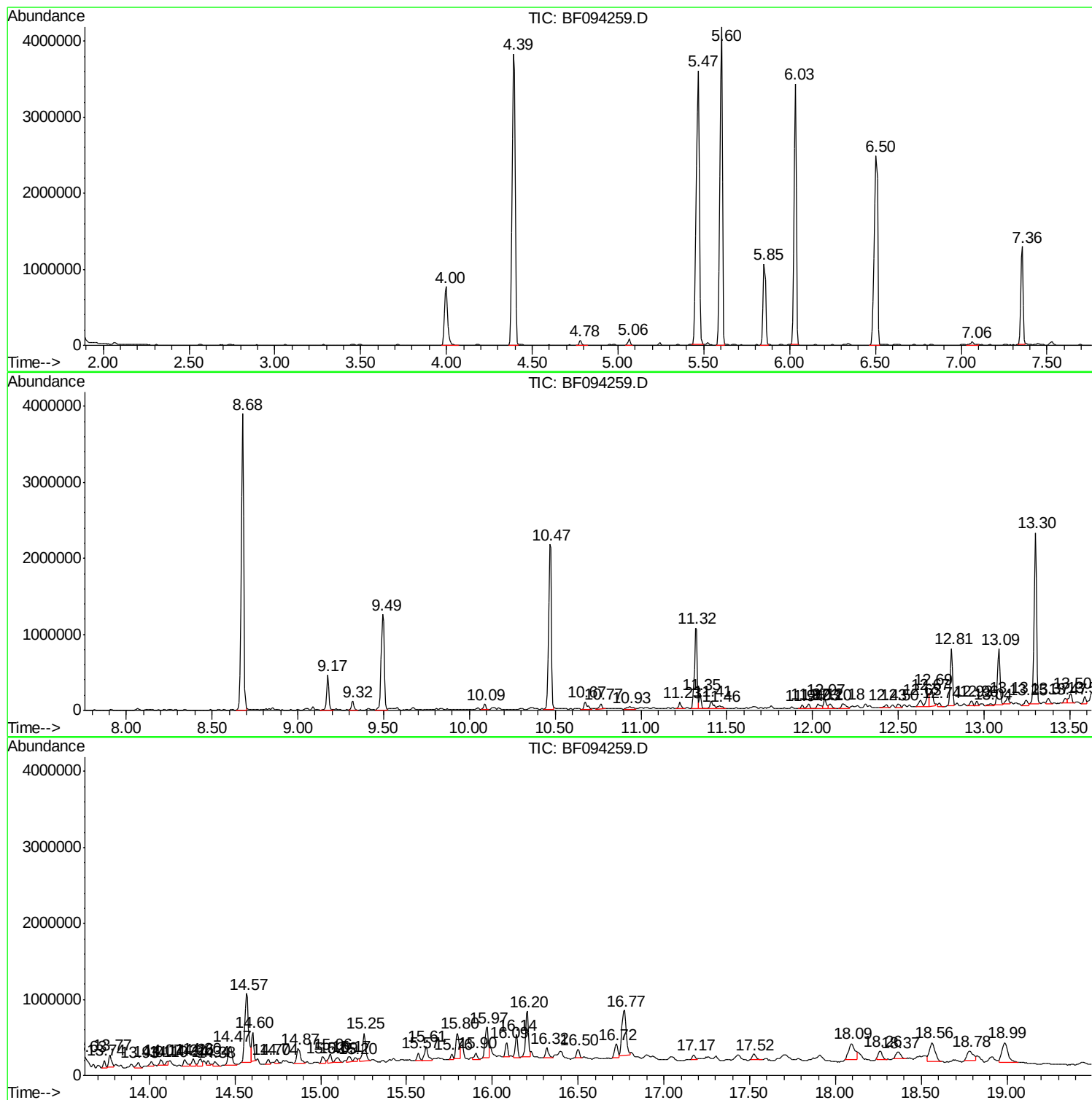
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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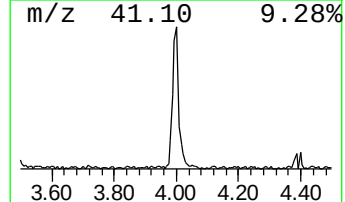
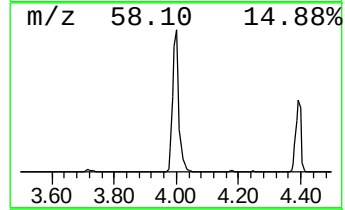
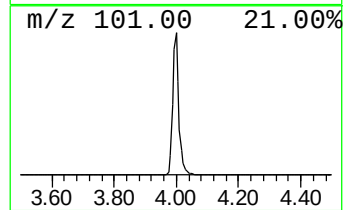
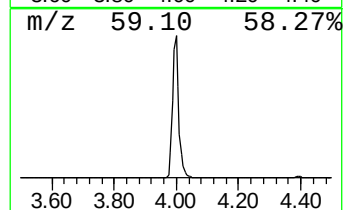
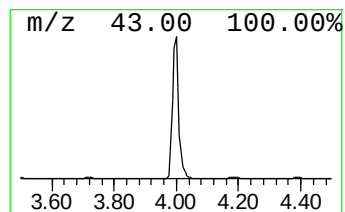
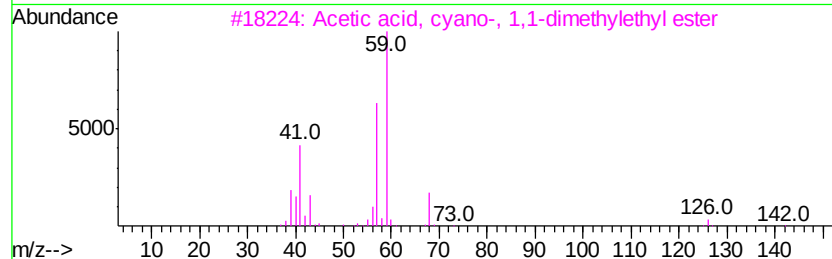
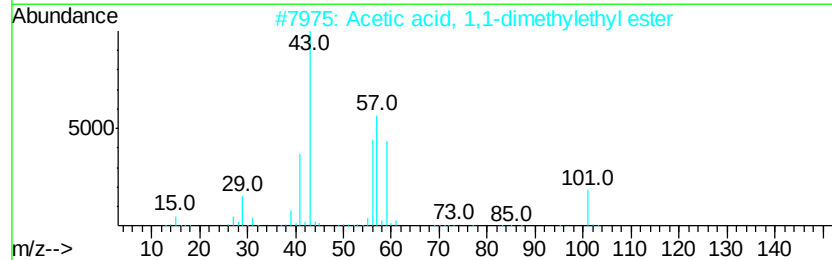
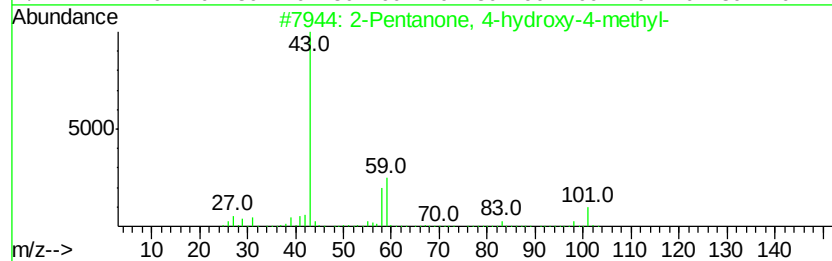
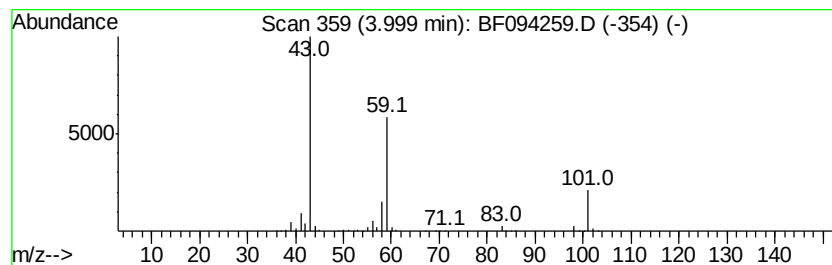
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.00	22.26 ng	1067400	1,4-Dichlorobenzene-d4	5.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
5		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



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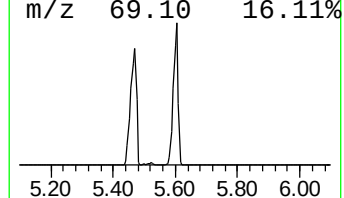
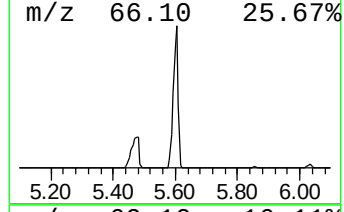
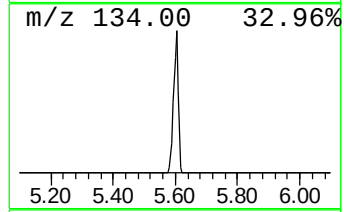
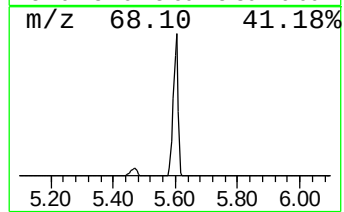
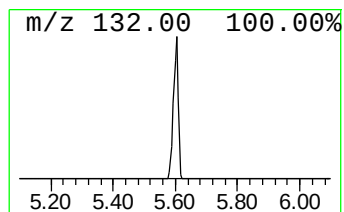
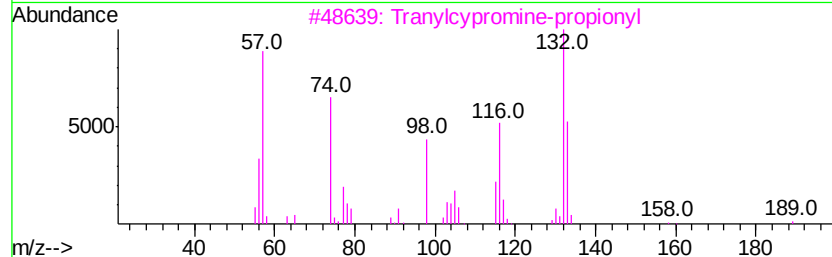
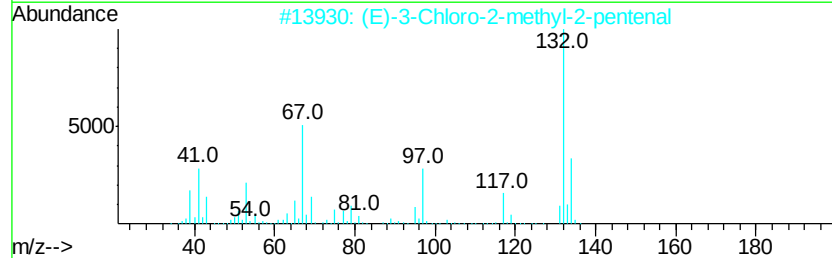
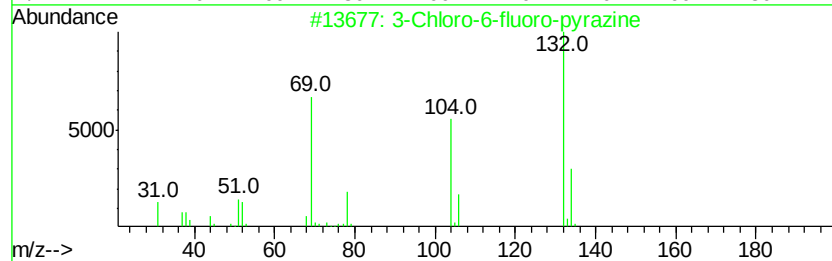
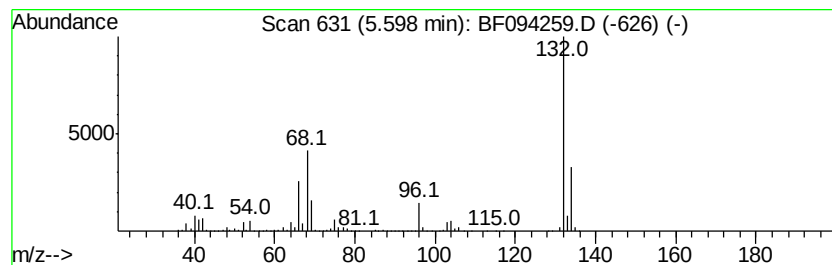
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown5.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.60	98.38 ng	4716520	1,4-Dichlorobenzene-d4	5.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10
4		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



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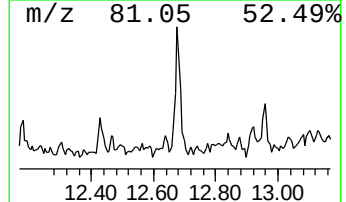
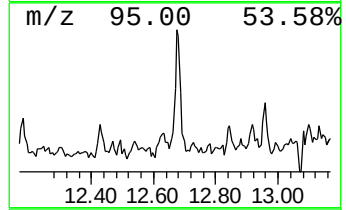
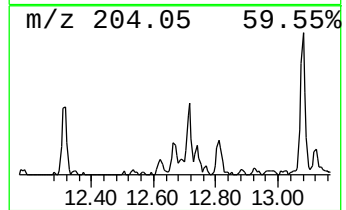
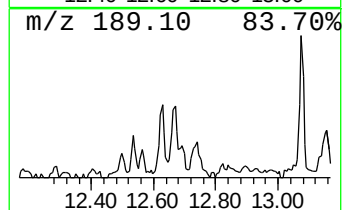
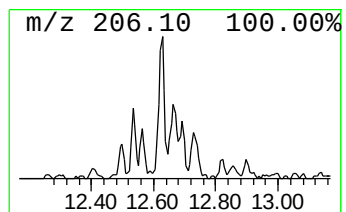
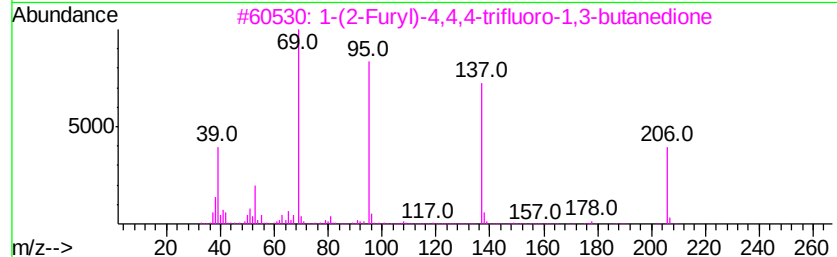
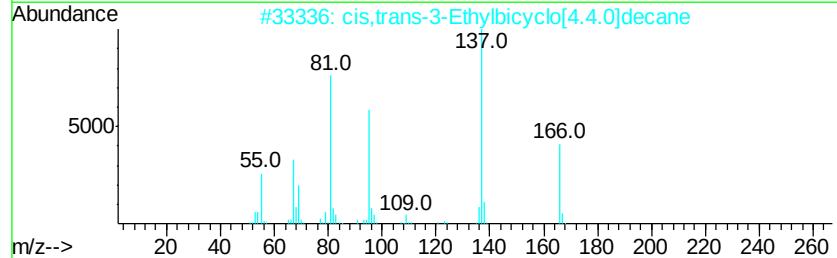
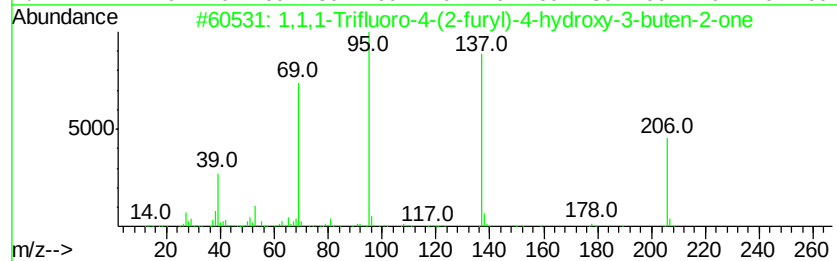
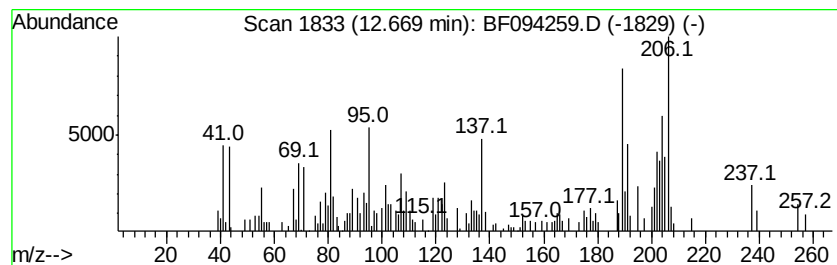
Instrument :
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown12.67 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.67	3.71 ng	212014	Phenanthrene-d10		11.32
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1,1-Trifluoro-4-(2-furyl)-4-hy...	206	C8H5F3O3	015788-03-1	46
2	cis,trans-3-Ethylbicyclo[4.4.0]d...	166	C12H22	066660-41-1	43
3	1-(2-Furyl)-4,4,4-trifluoro-1,3-...	206	C8H5F3O3	000326-90-9	43
4	2,5-Octadiene, 3,4,5,6-tetramethyl-	166	C12H22	247797-85-9	42
5	Naphthalene, 2-butyldecahydro-	194	C14H26	006305-52-8	38



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Misc :
ALS Vial : 41 Sample Multiplier: 1

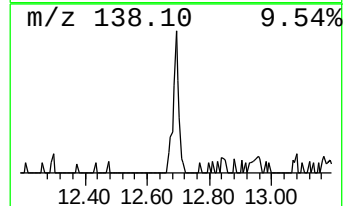
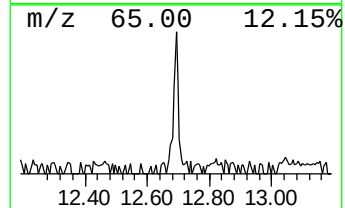
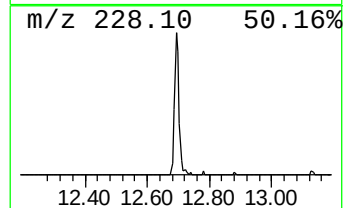
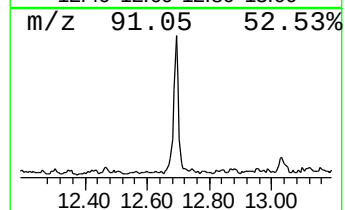
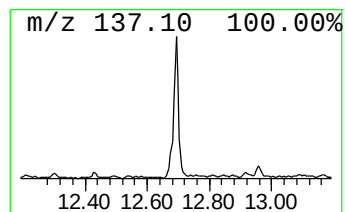
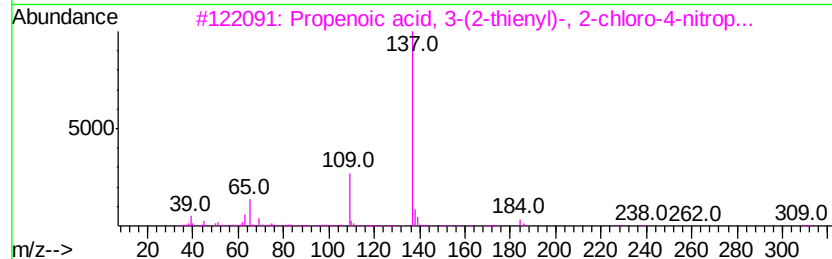
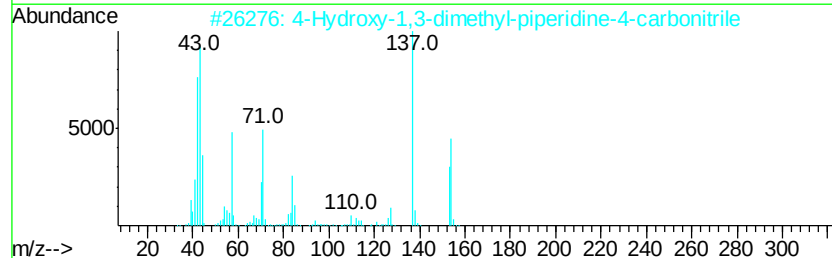
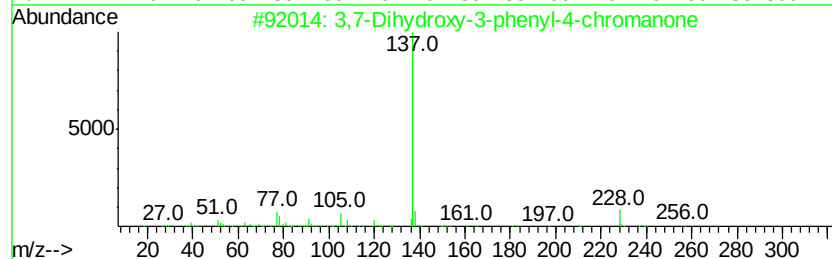
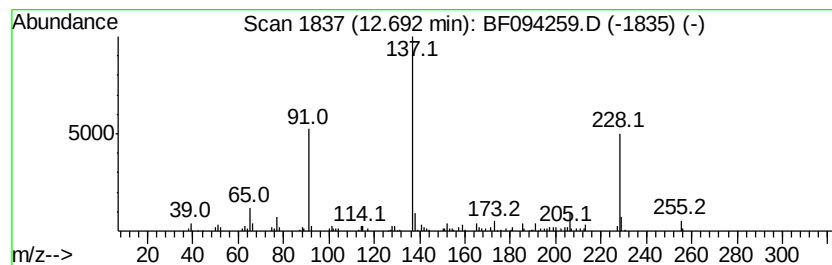
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown12.69 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.69	4.21 ng	240489	Phenanthrene-d10	11.32	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,7-Dihydroxy-3-phenyl-4-chromanone	256	C15H12O4	095296-98-3	47
2	4-Hydroxy-1,3-dimethyl-piperidin...	154	C8H14N2O	1000296-05-1	37
3	Propenoic acid, 3-(2-thienyl)-, ...	309	C13H8ClN04S	1000272-11-7	37
4	Carbonic acid, 3-methylphenyl ph...	228	C14H12O3	017146-02-0	14
5	1-Ethyl-3-(pyrrolidin-2-ylidene)...	228	C14H16N2O	1000260-86-3	14



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040617\
Data File : BF094259.D
Acq On : 7 Apr 2017 7:50
Operator : SJ/MA
Sample : I2542-16
Misc :
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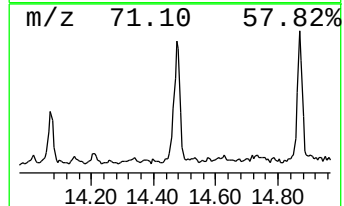
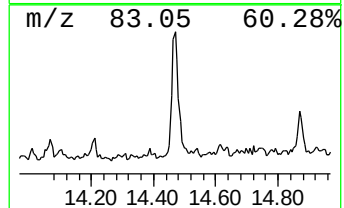
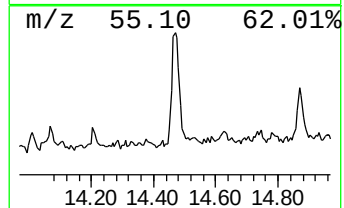
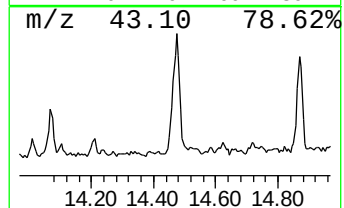
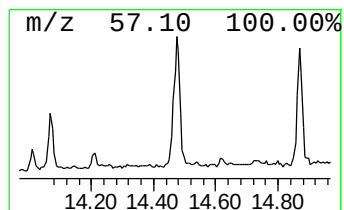
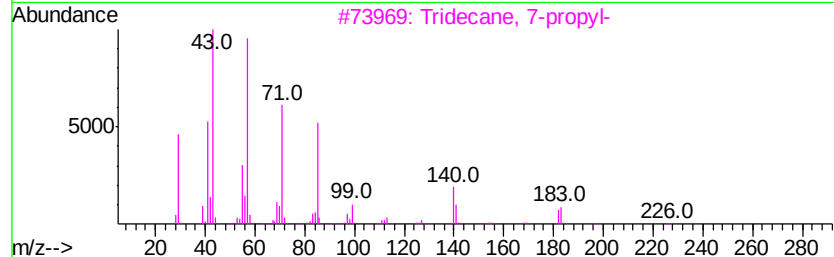
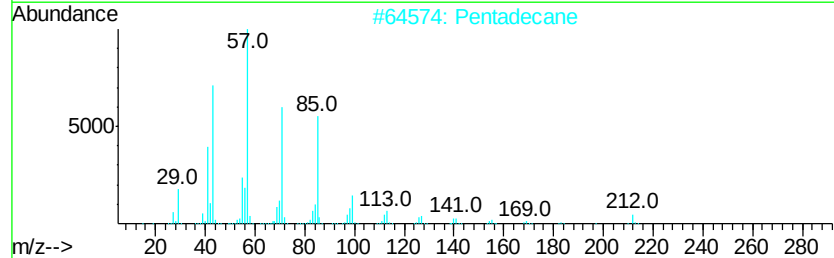
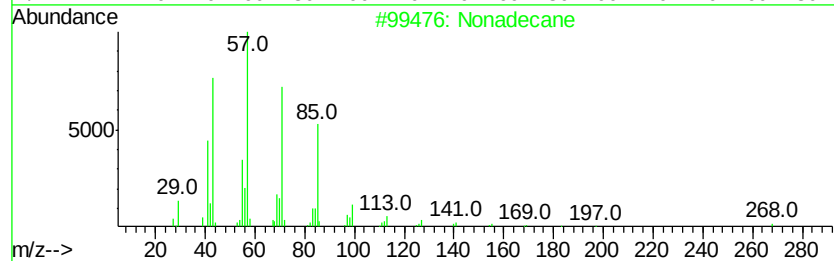
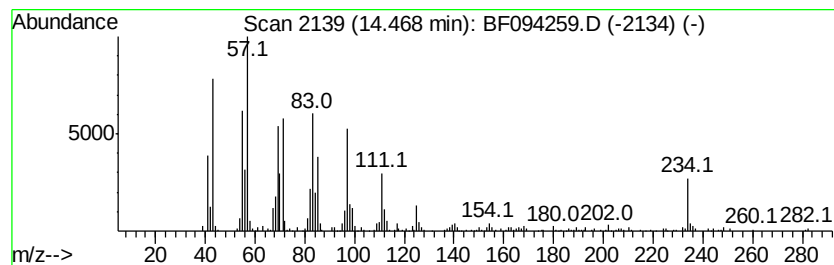
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Nonadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.
14.47	6.26 ng	447834	Chrysene-d12		14.57
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	62
2	Pentadecane	212	C15H32	000629-62-9	58
3	Tridecane, 7-propyl-	226	C16H34	055045-09-5	58
4	Tetradecane	198	C14H30	000629-59-4	58
5	Tridecane, 6-propyl-	226	C16H34	055045-10-8	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040617\
Data File : BF094259.D
Acq On : 7 Apr 2017 7:50
Operator : SJ/MA
Sample : I2542-16
Misc :
ALS Vial : 41 Sample Multiplier: 1

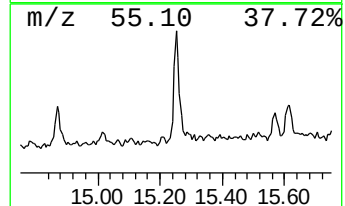
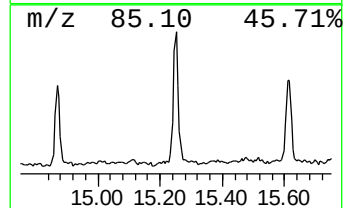
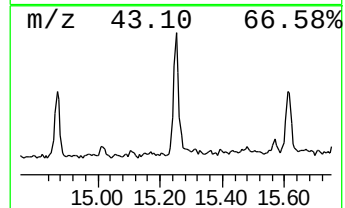
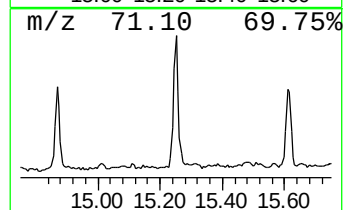
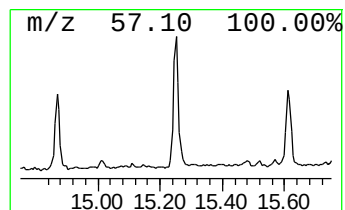
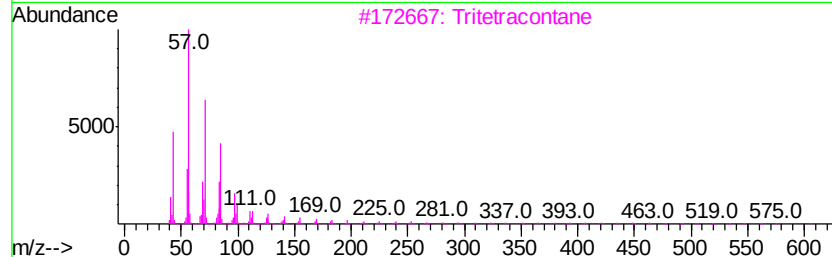
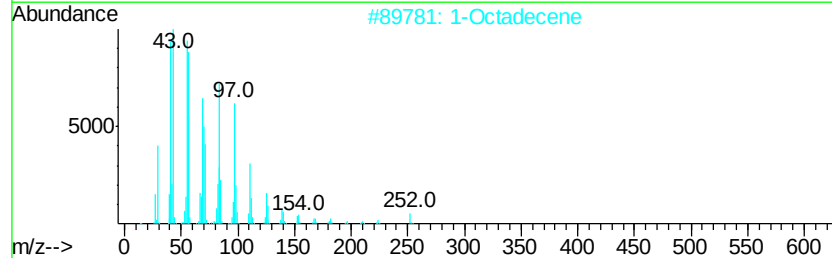
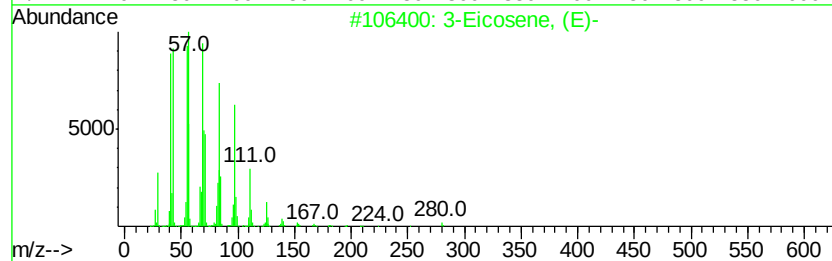
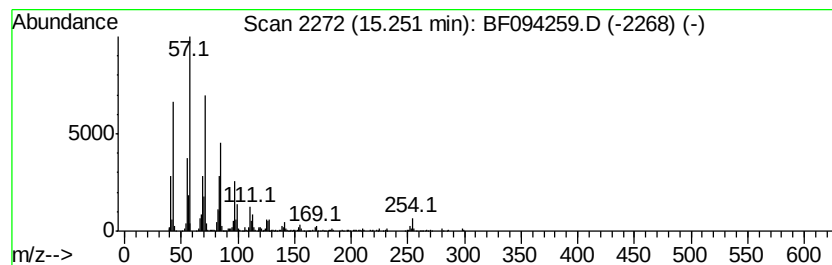
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 3-Eicosene, (E)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.25	6.20 ng	443208	Chrysene-d12	14.57	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	95
2	1-Octadecene	252	C18H36	000112-88-9	94
3	Tritetracontane	605	C43H88	007098-21-7	87
4	9-Eicosene, (E)-	280	C20H40	074685-29-3	86
5	E-15-Heptadecenal	252	C17H32O	1000130-97-9	83



Data Path : Z:\HPCHEM1\BNA F\DATA\BF040617\
Data File : BF094259.D
Acq On : 7 Apr 2017 7:50
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Sample : I2542-16
Misc :
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Instrument :
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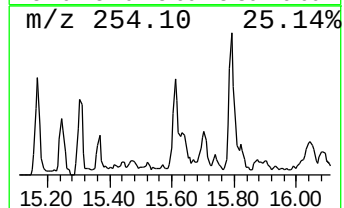
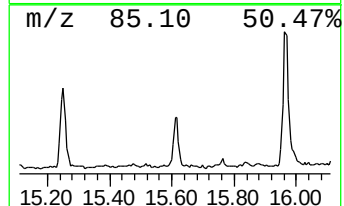
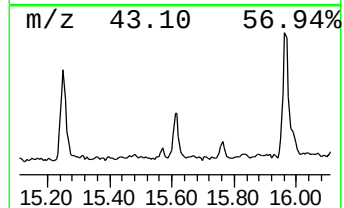
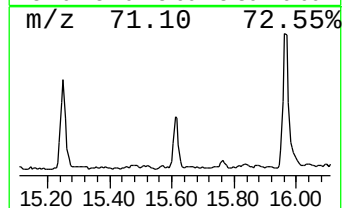
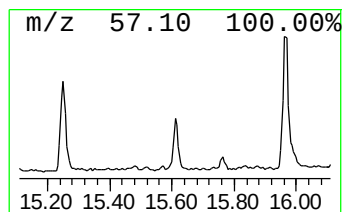
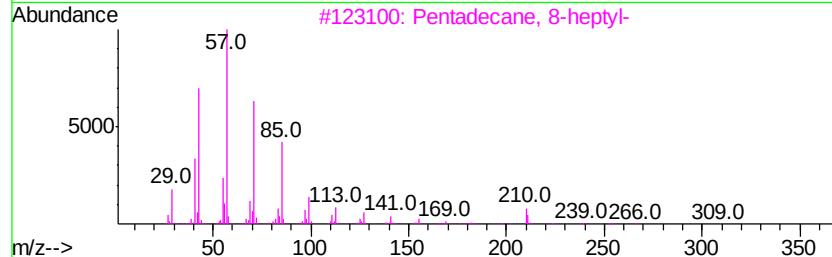
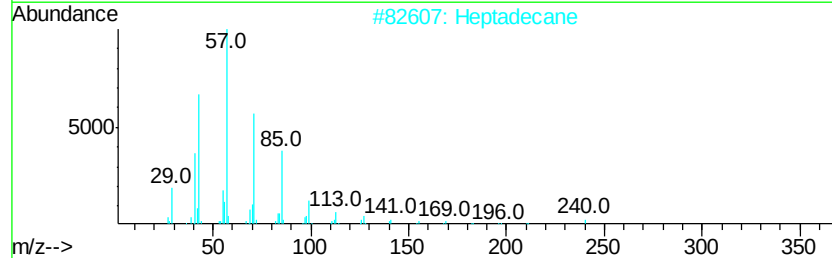
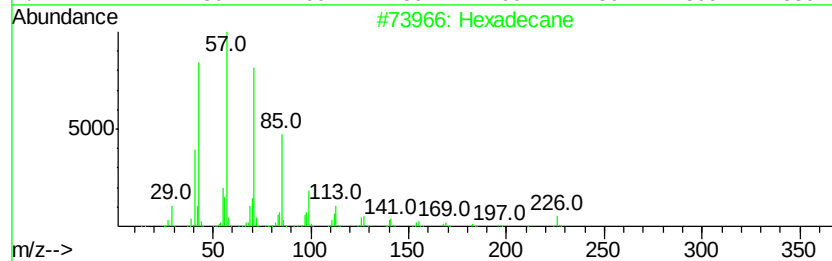
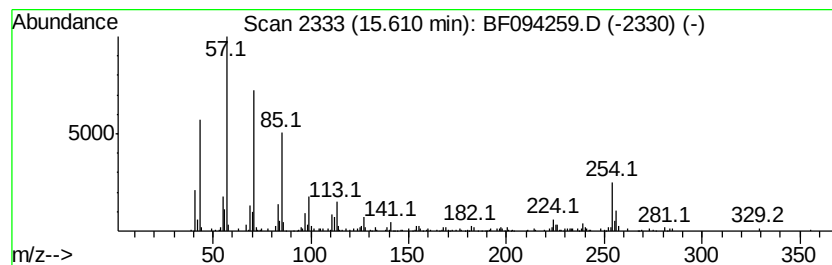
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Hexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.61	7.02 ng	254413	Perylene-d12	16.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	78
2		Heptadecane	240	C17H36	000629-78-7	76
3		Pentadecane, 8-heptvl-	310	C22H46	071005-15-7	68
4		Tetradecane	198	C14H30	000629-59-4	68
5		Hexacosane	366	C26H54	000630-01-3	68



Data Path : Z:\HPCHEM1\BNA F\DATA\BF040617\
Data File : BF094259.D
Acq On : 7 Apr 2017 7:50
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Sample : I2542-16
Misc :
ALS Vial : 41 Sample Multiplier: 1

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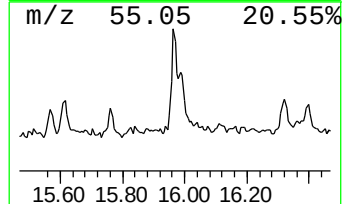
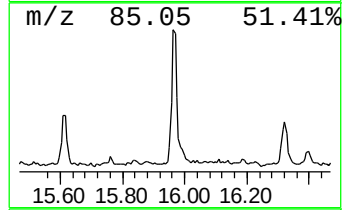
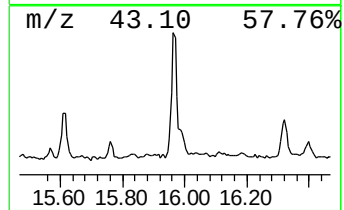
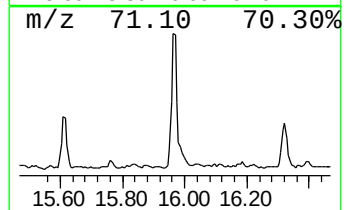
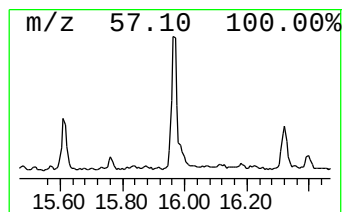
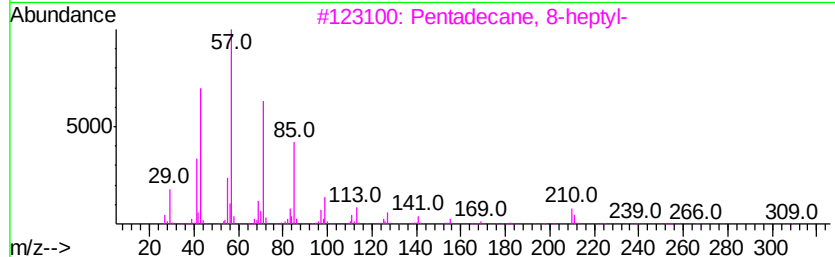
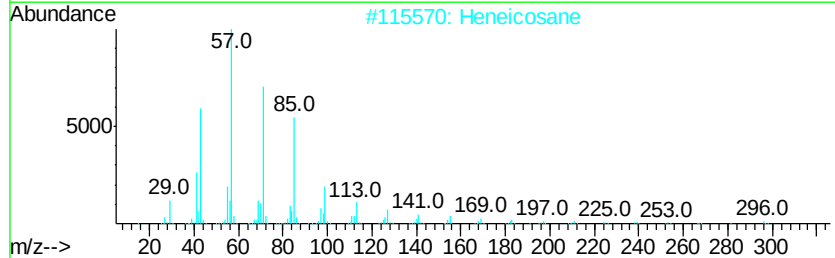
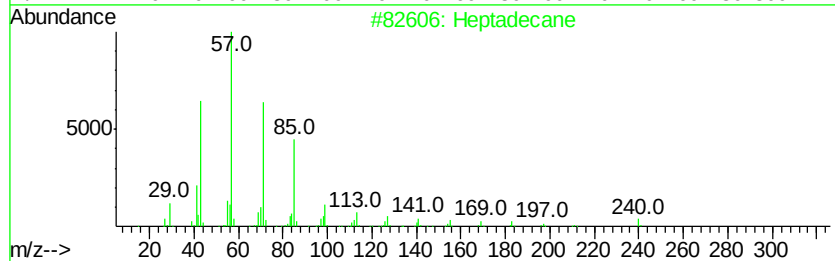
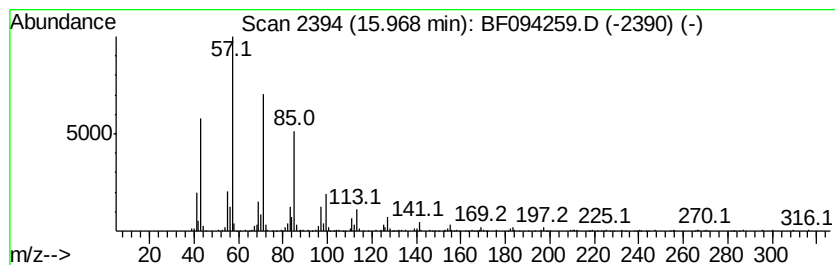
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Heptadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	13.36 ng	484145	Perylene-d12	16.20

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	93
2	Heneicosane		296	C21H44	000629-94-7	91
3	Pentadecane, 8-heptyl-		310	C22H46	071005-15-7	91
4	Docosane, 9-butyl-		366	C26H54	055282-14-9	90
5	Eicosane, 7-hexyl-		366	C26H54	055333-99-8	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF040617\
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Acq On : 7 Apr 2017 7:50
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Sample : I2542-16
Misc :
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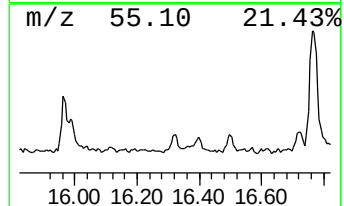
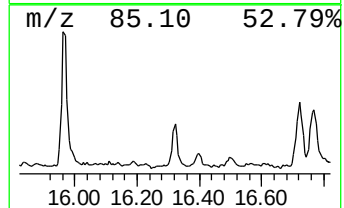
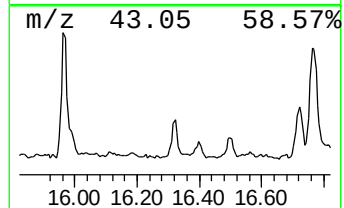
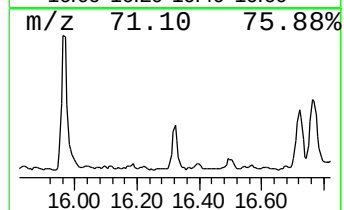
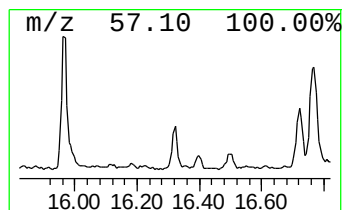
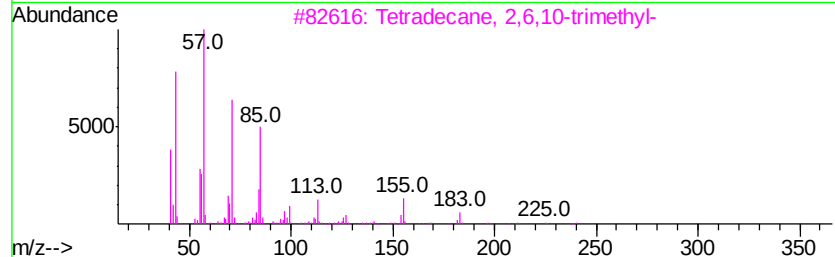
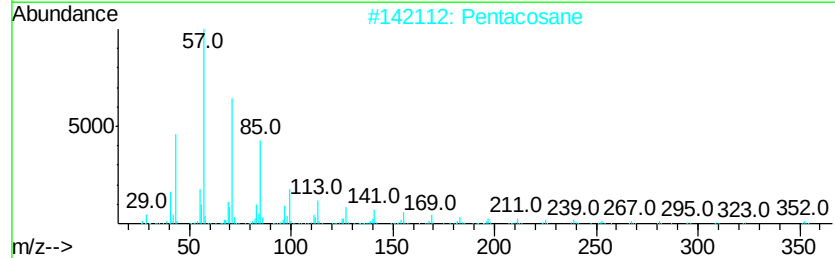
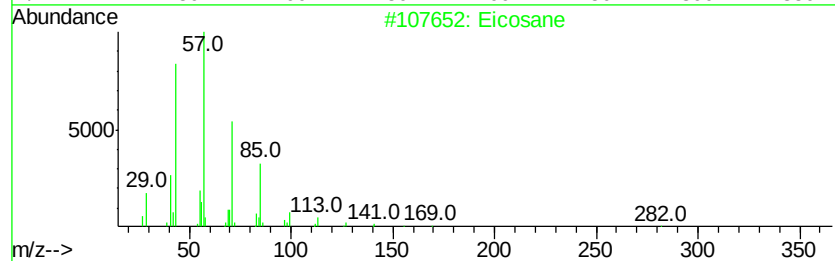
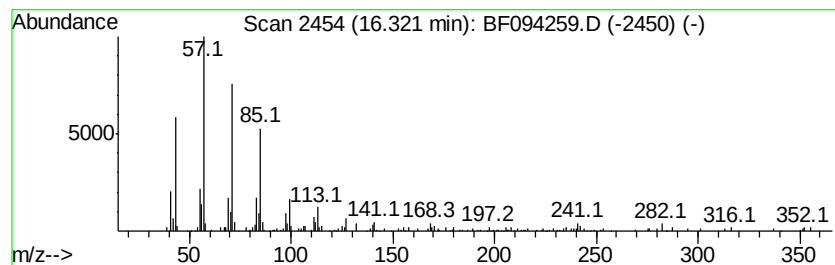
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Eicosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.32	4.27 ng	154749	Perylene-d12	16.20
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane	282 C20H42	000112-95-8	95
2	Pentacosane	352 C25H52	000629-99-2	94
3	Tetradecane, 2,6,10-trimethyl-	240 C17H36	014905-56-7	93
4	Tetracosane	338 C24H50	000646-31-1	91
5	Heneicosane, 11-(1-ethylpropyl)-	366 C26H54	055282-11-6	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040617\
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Sample : I2542-16
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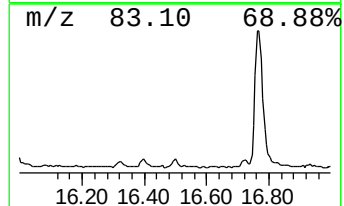
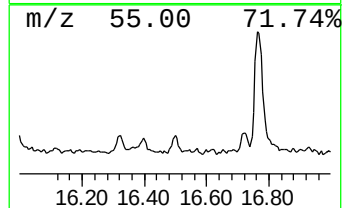
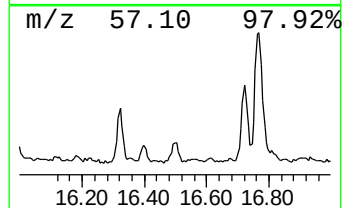
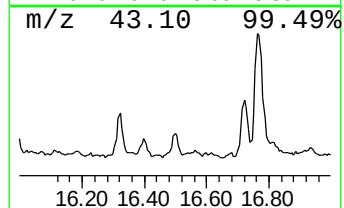
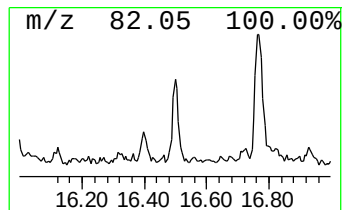
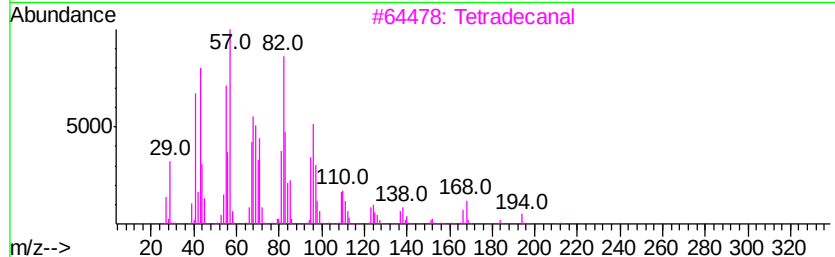
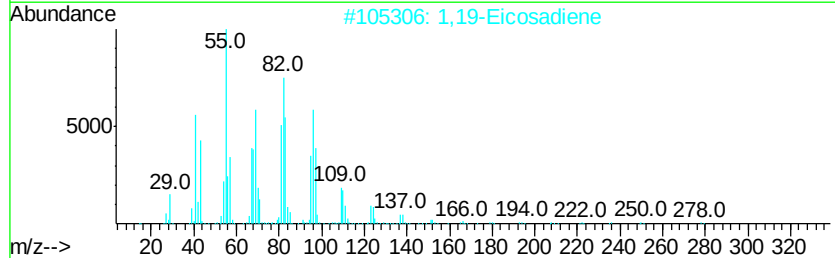
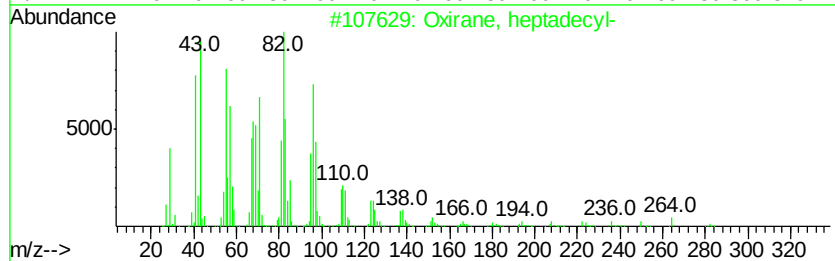
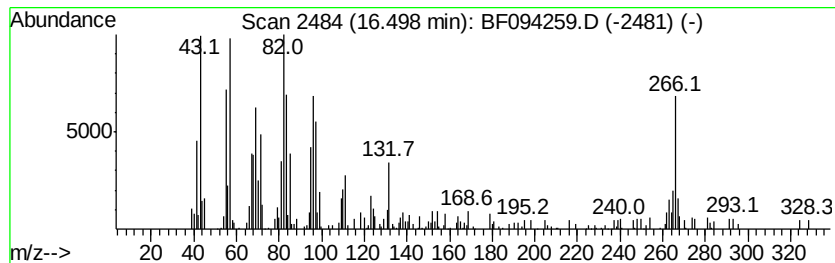
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Oxirane, heptadecyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.50	3.71 ng	134356	Perylene-d12	16.20	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	58
2	1,19-Eicosadiene	278	C20H38	014811-95-1	49
3	Tetradecanal	212	C14H28O	000124-25-4	49
4	Pentadecanal-	226	C15H30O	002765-11-9	46
5	Bicyclo[4.1.0]heptane, 7-butyl-	152	C11H20	018645-10-8	46



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040617\
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Sample : I2542-16
Misc :
ALS Vial : 41 Sample Multiplier: 1

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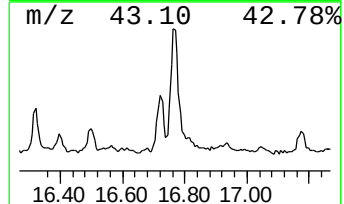
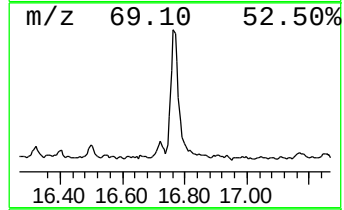
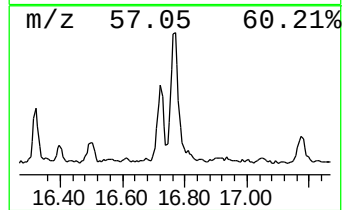
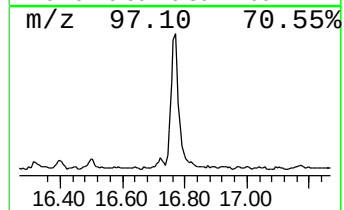
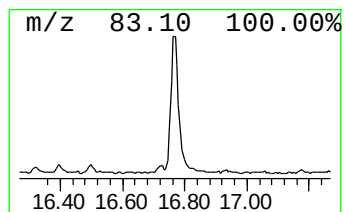
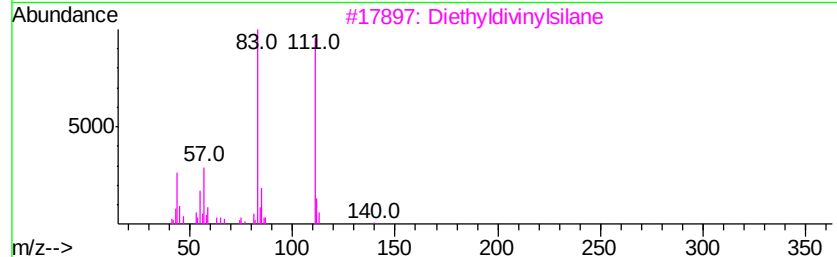
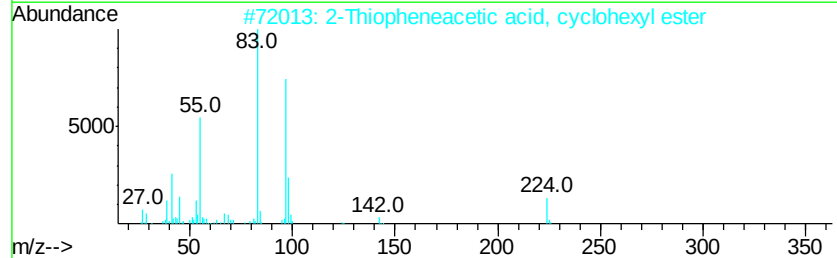
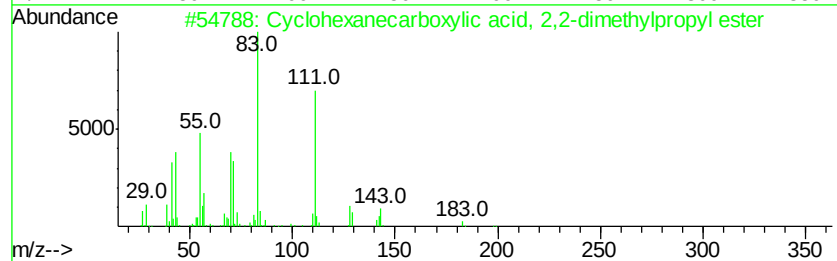
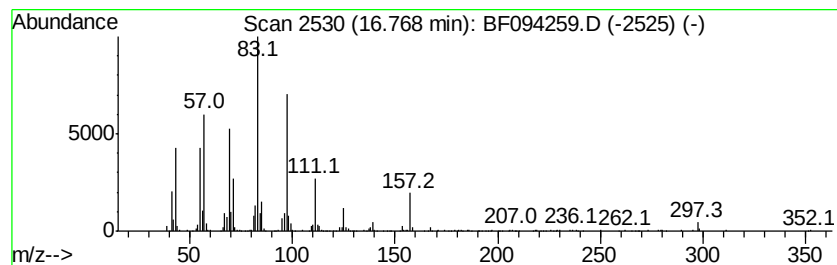
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 unknown16.77 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.77	26.62 ng	965018	Perylene-d12	16.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexanecarboxylic acid, 2,2-...	198	C12H22O2	1000279-85-6	47
2		2-Thiopheneacetic acid, cyclohex...	224	C12H16O2S	1000278-95-9	47
3		Diethyldivinylsilane	140	C8H16Si	018270-16-1	43
4		Cyclohexane, (2-bromoethyl)-	190	C8H15Br	001647-26-3	43
5		17-Pentatriacontene	491	C35H70	006971-40-0	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040617\
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Acq On : 7 Apr 2017 7:50
Operator : SJ/MA
Sample : I2542-16
Misc :
ALS Vial : 41 Sample Multiplier: 1

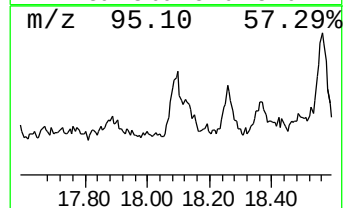
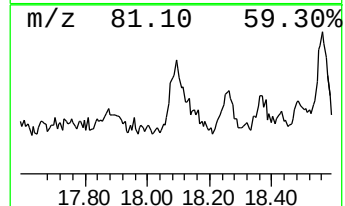
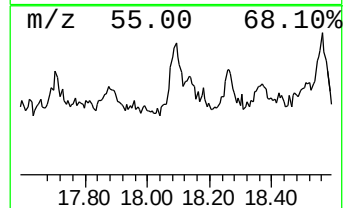
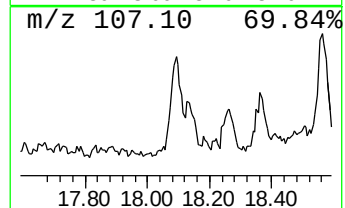
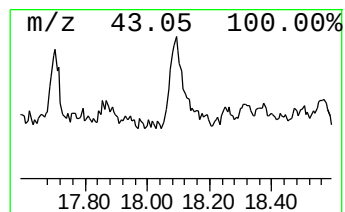
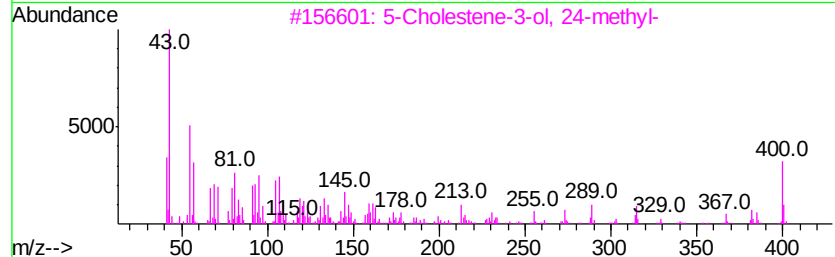
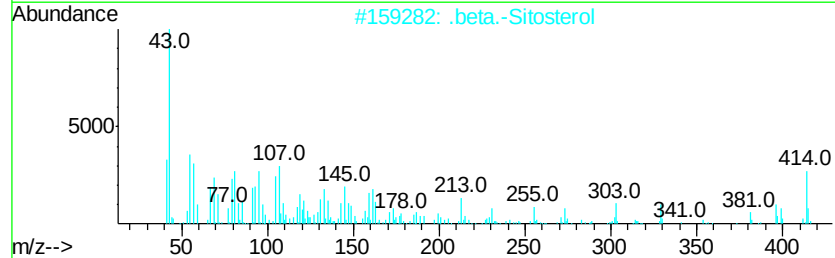
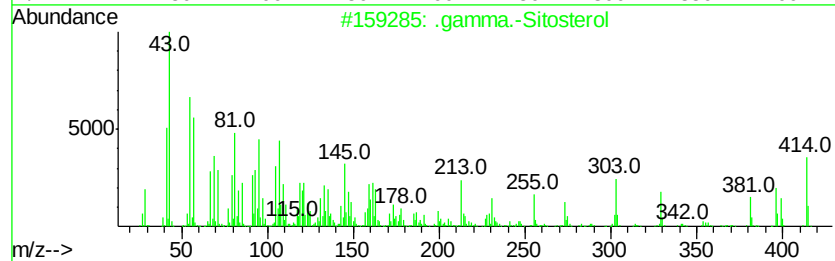
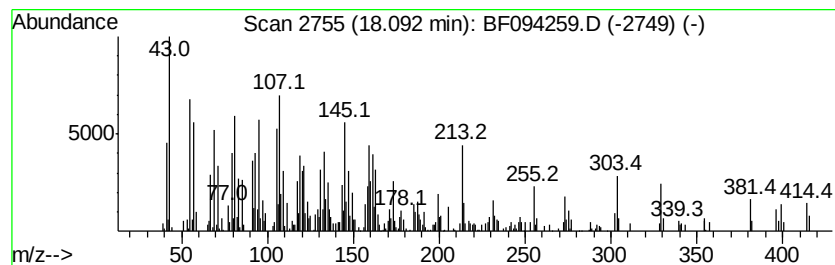
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 .gamma.-Sitosterol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.09	15.39 ng	557929	Perylene-d12	16.20	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Sitosterol	414	C29H50O	000083-47-6	99
2	.beta.-Sitosterol	414	C29H50O	000083-46-5	99
3	5-Cholestene-3-ol, 24-methyl-	400	C28H48O	1000214-17-4	49
4	Pregn-5-en-3-ol, 21-bromo-20-met...	394	C22H35BrO	055103-80-5	49
5	Campesterol	400	C28H48O	000474-62-4	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040617\
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Sample : I2542-16
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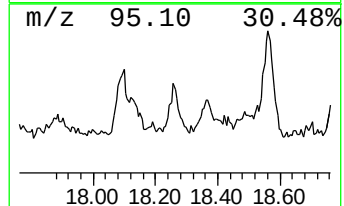
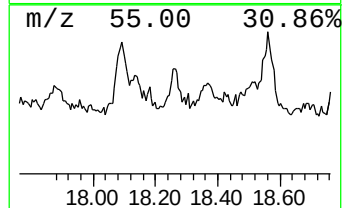
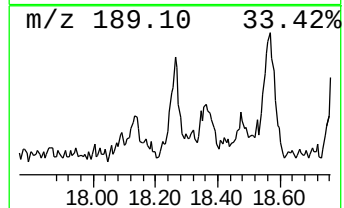
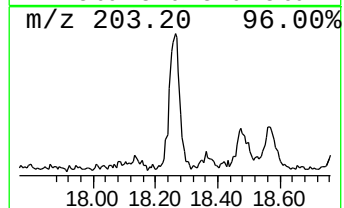
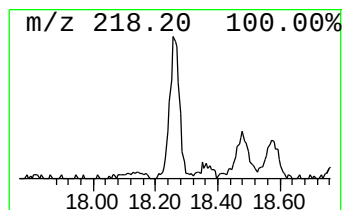
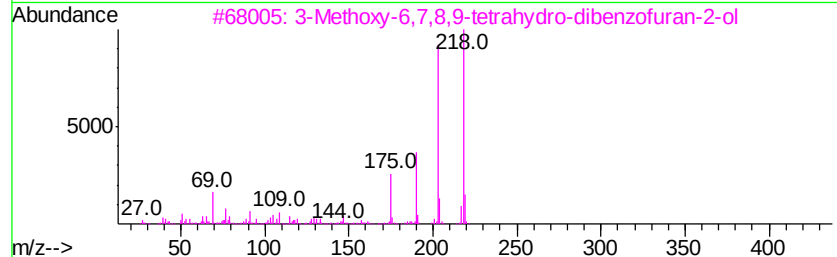
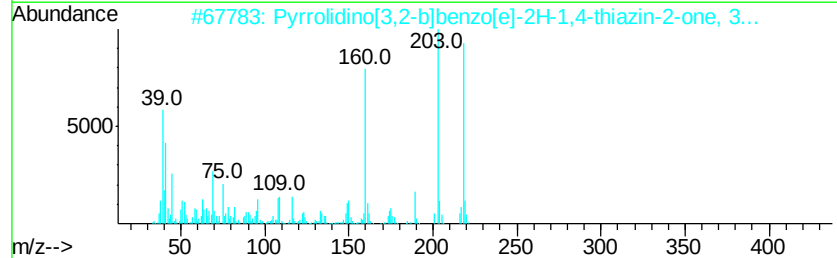
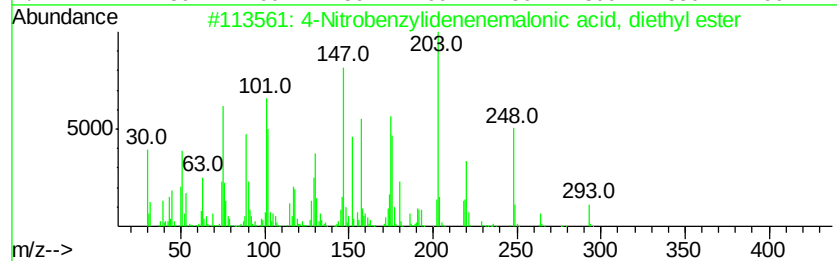
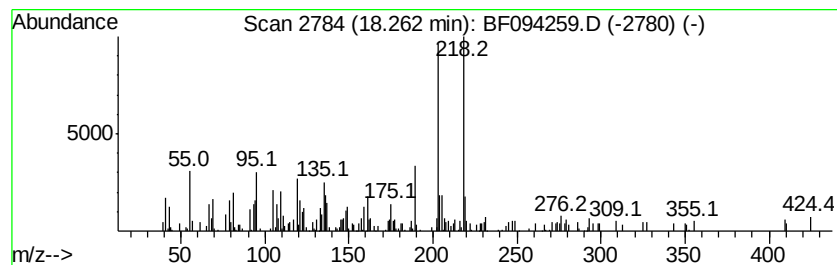
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 4-Nitrobenzylidenenemalonic... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.26	5.28 ng	191490	Perylene-d12	16.20		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4-Nitrobenzylidenenemalonic acid...	293	C14H15N06	1000286-76-0	64
2		Pyrrolidino[3,2-b]benzo[e]-2H-1,...	218	C11H10N2OS	017163-68-7	58
3		3-Methoxy-6,7,8,9-tetrahydro-dib...	218	C13H14O3	1000186-57-9	49
4		Quinolin-8-amine, 5,6-dimethoxy-...	218	C12H14N2O2	064992-95-6	49
5		9,11-Dimethyltetracyclo[7.3.1.0(...	218	C16H26	053263-99-3	46



Data Path : Z:\HPCHEM1\BNA F\DATA\BF040617\
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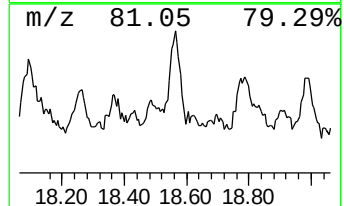
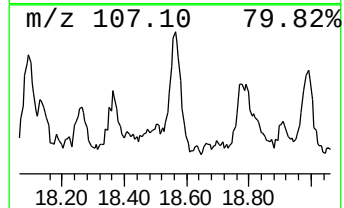
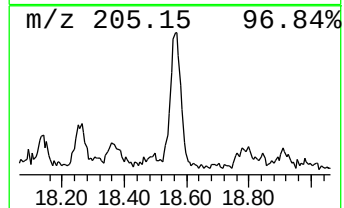
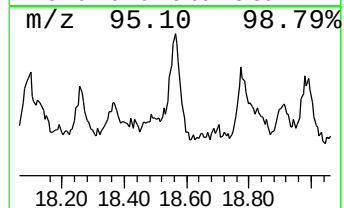
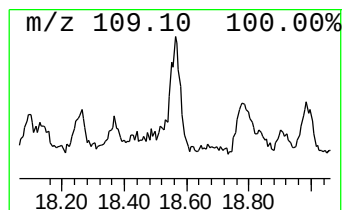
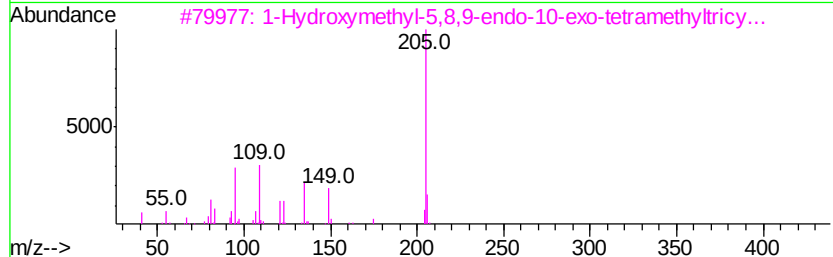
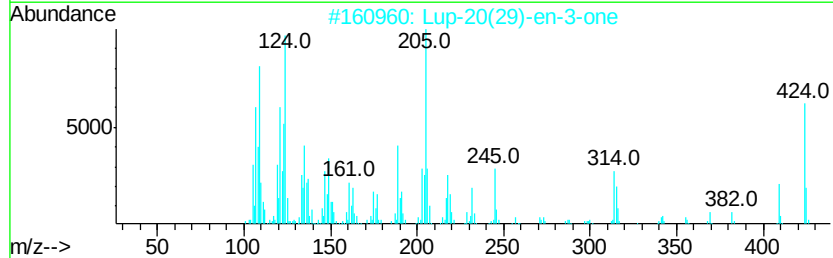
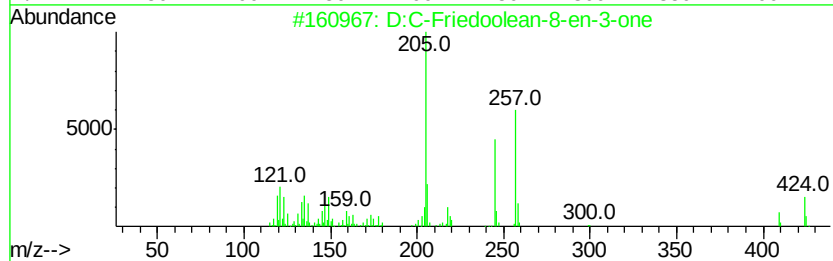
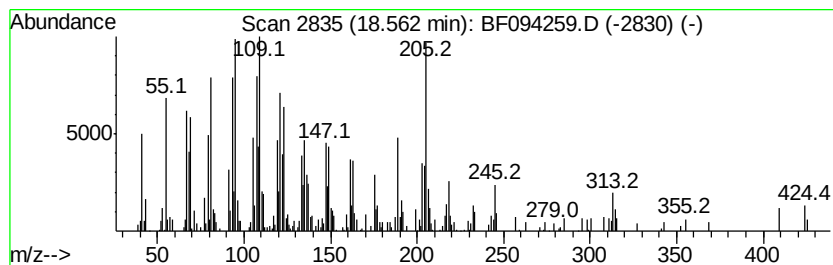
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 D:C-Friedoolean-8-en-3-one Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.56	15.66 ng	567720	Perylene-d12	16.20		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		D:C-Friedoolean-8-en-3-one	424	C30H48O	022611-26-3	60
2		Lup-20(29)-en-3-one	424	C30H48O	001617-70-5	58
3		1-Hydroxymethyl-5,8,9-endo-10-ex...	236	C16H28O	1000140-32-9	52
4		But-3-enal, 2-methyl-4-(2,6,6-tr...	206	C14H22O	104900-59-6	38
5		1-Formyl-2,2-dimethyl-3-trans-(3...	220	C15H24O	1000144-09-7	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040617\
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Misc :
ALS Vial : 41 Sample Multiplier: 1

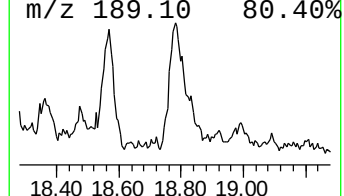
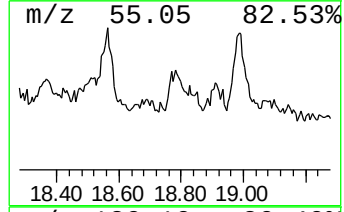
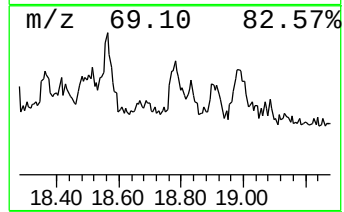
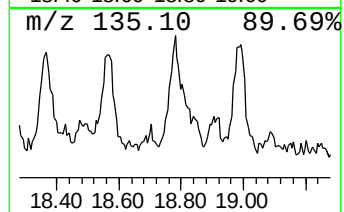
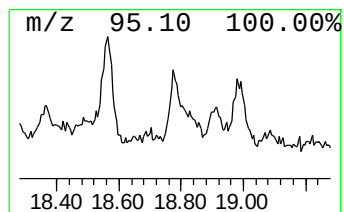
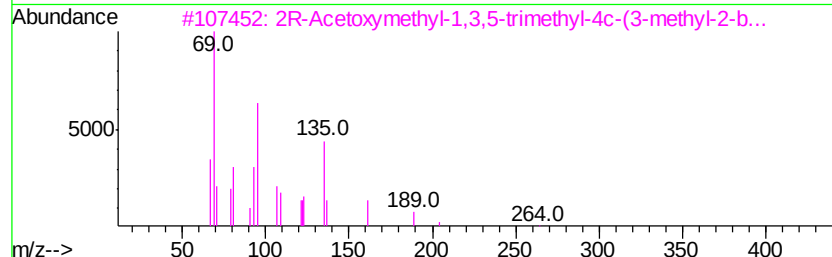
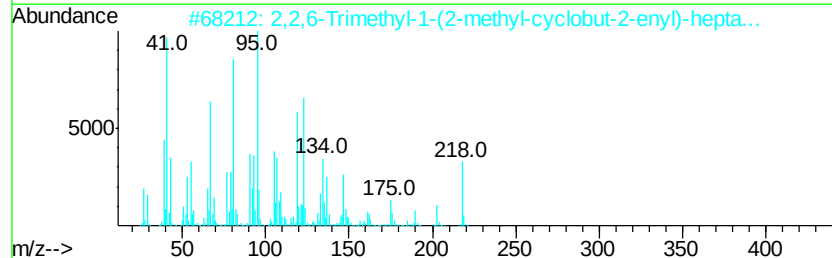
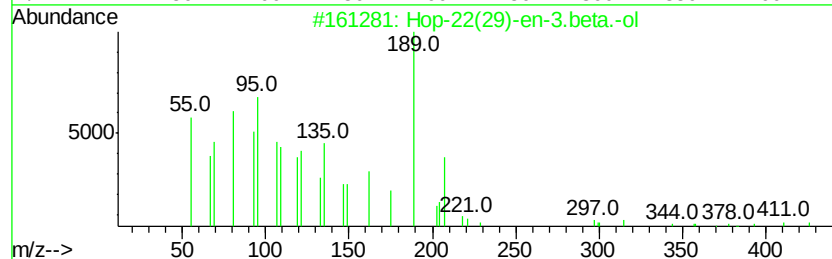
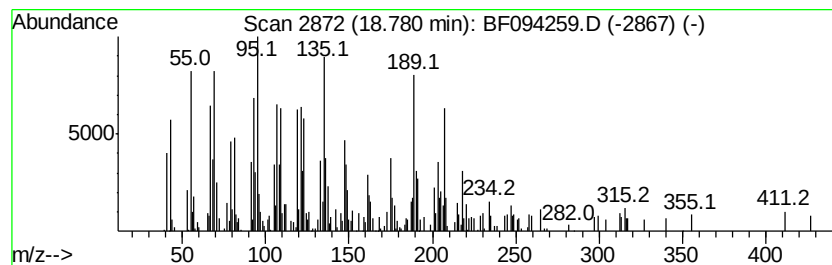
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Hop-22(29)-en-3.beta.-ol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.78	8.64 ng	313326	Perylene-d12	16.20
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Hop-22(29)-en-3.beta.-ol	426 C30H50O	058801-23-3 64
2		2,2,6-Trimethyl-1-(2-methyl-cycl...	218 C15H22O	1000188-72-8 38
3		2R-Acetoxymethyl-1,3,5-trimethyl...	282 C17H30O3	1000144-12-6 35
4		2R-Acetoxymethyl-1,3,3-trimethyl...	282 C17H30O3	1000146-23-9 27
5		1-Isopropenyl-4,5-dimethylbicycl...	330 C21H30OS	1000195-85-4 27



Data Path : Z:\HPCHEM1\BNA F\DATA\BF040617\
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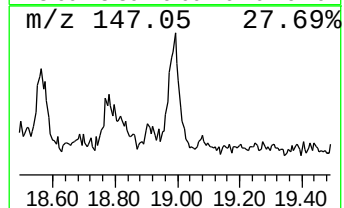
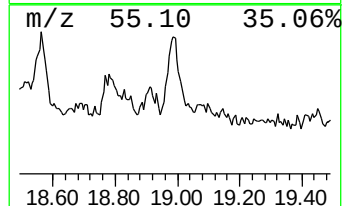
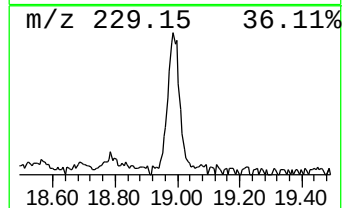
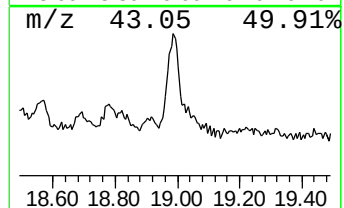
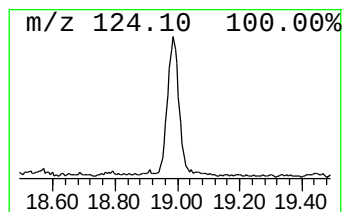
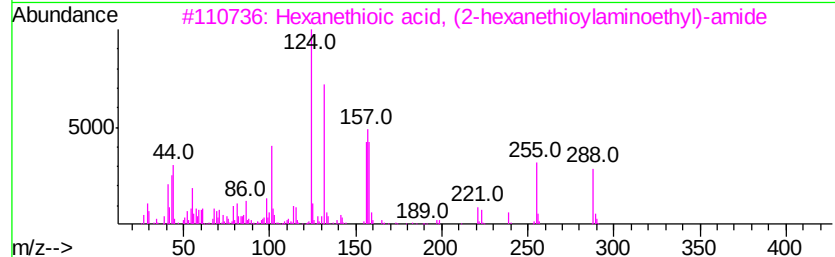
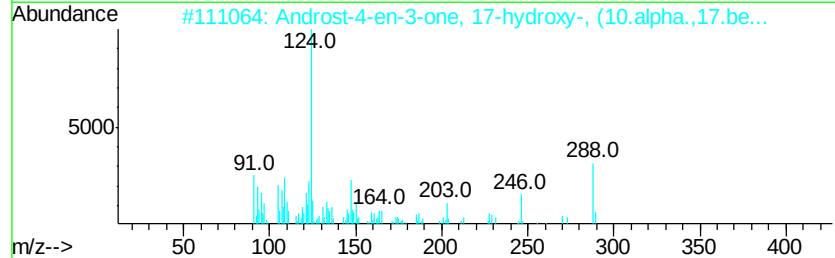
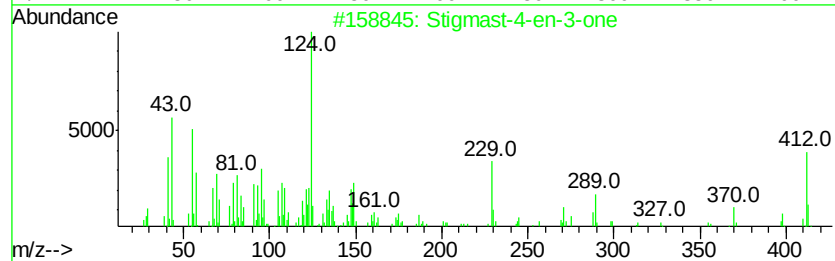
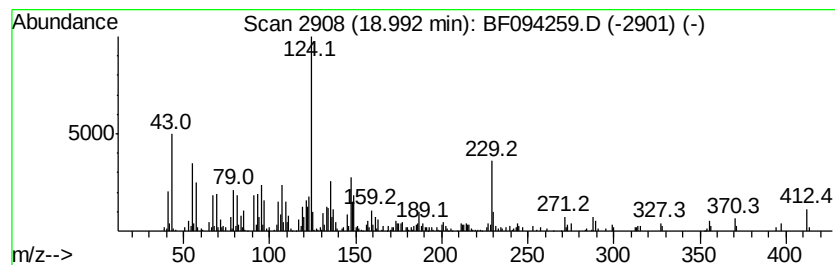
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Stigmast-4-en-3-one Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.99	18.39 ng	666571	Perylene-d12	16.20
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Stigmast-4-en-3-one	412 C29H48O	001058-61-3 94
2		Androst-4-en-3-one, 17-hydroxy-,...	288 C19H28O2	000604-39-7 70
3		Hexanethioic acid, (2-hexanethio...	288 C14H28N2S2	1000193-53-9 42
4		Benzoylcaonine	289 C16H19N04	000519-09-5 38
5		1,3-Benzenediol, 5-pentyl-	180 C11H16O2	000500-66-3 30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040617\
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 ALS Vial : 41 Sample Multiplier: 1

Instrument :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.00	22.3	ng	1067400	1	5.85	958867	20.0
unknown5.60	5.60	98.4	ng	4716520	1	5.85	958867	20.0
unknown12.67	12.67	3.7	ng	212014	4	11.32	1141570	20.0
unknown12.69	12.69	4.2	ng	240489	4	11.32	1141570	20.0
Nonadecane	14.47	6.3	ng	447834	5	14.57	1430850	20.0
3-Eicosene, (E)-	15.25	6.2	ng	443208	5	14.57	1430850	20.0
Hexadecane	15.61	7.0	ng	254413	6	16.20	725026	20.0
Heptadecane	15.97	13.4	ng	484145	6	16.20	725026	20.0
Eicosane	16.32	4.3	ng	154749	6	16.20	725026	20.0
Oxirane, heptadecyl-	16.50	3.7	ng	134356	6	16.20	725026	20.0
unknown16.77	16.77	26.6	ng	965018	6	16.20	725026	20.0
.gamma.-Sitosterol	18.09	15.4	ng	557929	6	16.20	725026	20.0
4-Nitrobenzyliden...	18.26	5.3	ng	191490	6	16.20	725026	20.0
unknown18.37	18.37	4.8	ng	172998	6	16.20	725026	20.0
D:C-Friedoolean-8...	18.56	15.7	ng	567720	6	16.20	725026	20.0
Hop-22(29)-en-3.b...	18.78	8.6	ng	313326	6	16.20	725026	20.0
Stigmast-4-en-3-one	18.99	18.4	ng	666571	6	16.20	725026	20.0