

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
 Data File : BF091297.D
 Acq On : 24 Nov 2016 1:33
 Operator : UM/SJ
 Sample : H5740-13
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-06(0-0.16)

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-BF112316.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.744	3	5	8	rBV	3148320	4659528	76.89%	3.770%
2	1.904	17	19	40	rVB	2174107	4060205	67.00%	3.285%
3	2.167	40	42	57	rVB	76653	203913	3.37%	0.165%
4	5.070	293	296	304	rVB	1214392	2052238	33.87%	1.660%
5	5.493	329	333	335	rBV	4445312	5850040	96.54%	4.733%
6	6.510	419	422	425	rVB	4587652	5404358	89.18%	4.372%
7	6.647	431	434	437	rBV	4914004	4904509	80.94%	3.968%
8	6.876	452	454	457	rBV	1233555	1298625	21.43%	1.051%
9	7.036	466	468	471	rVB	4050177	3741704	61.75%	3.027%
10	7.447	500	504	506	rBV	3001996	3612890	59.62%	2.923%
11	8.168	564	567	569	rBV	1933796	1890809	31.20%	1.530%
12	9.242	658	661	664	rVB	4410674	4445061	73.35%	3.596%
13	9.585	688	691	694	rVV4	82315	186605	3.08%	0.151%
14	9.631	694	695	698	rVV2	394321	523517	8.64%	0.424%
15	9.779	706	708	710	rVV	705291	659091	10.88%	0.533%
16	9.916	718	720	722	rVV	1562451	1657828	27.36%	1.341%
17	10.053	725	732	734	rVV6	124644	221803	3.66%	0.179%
18	10.168	740	742	745	rVB2	179055	185294	3.06%	0.150%
19	10.362	757	759	761	rVB2	171428	177802	2.93%	0.144%
20	10.705	786	789	792	rBV	3071498	2994612	49.42%	2.423%
21	10.831	798	800	804	rBV	338001	444845	7.34%	0.360%
22	11.162	826	829	831	rVV3	108485	199228	3.29%	0.161%
23	11.276	838	839	841	rVV	181254	222767	3.68%	0.180%
24	11.402	847	850	851	rVV	1602840	1517928	25.05%	1.228%
25	11.471	854	856	858	rVV	583466	826039	13.63%	0.668%
26	11.631	867	870	871	rBV2	297263	302114	4.99%	0.244%
27	11.711	875	877	880	rVB4	103987	230124	3.80%	0.186%
28	11.871	888	891	892	rBV2	109885	197539	3.26%	0.160%
29	11.905	892	894	895	rVV	639880	651784	10.76%	0.527%
30	11.939	895	897	898	rVV2	1091932	1255228	20.71%	1.015%
31	11.962	898	899	902	rVV2	668180	800253	13.21%	0.647%
32	12.019	902	904	908	rVB	507415	765434	12.63%	0.619%
33	12.088	908	910	911	rBV2	196213	211303	3.49%	0.171%
34	12.202	917	920	923	rVB3	205414	391091	6.45%	0.316%

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112316.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.351	930	933	934	rBV	142636	175731	2.90%	0.142%
36	12.454	939	942	944	rBV	765470	1037502	17.12%	0.839%
37	12.488	944	945	948	rVB2	137897	233452	3.85%	0.189%
38	12.534	948	949	954	rVB2	292056	287909	4.75%	0.233%
39	12.614	954	956	958	rBV	3322407	3575158	59.00%	2.892%
40	12.659	958	960	963	rVV3	187269	346402	5.72%	0.280%
41	12.728	963	966	968	rVV2	322360	679103	11.21%	0.549%
42	12.842	973	976	979	rVV	2953878	4101912	67.69%	3.318%
43	12.888	979	980	983	rVB2	190552	270348	4.46%	0.219%
44	12.991	984	989	991	rBV	3339641	3464388	57.17%	2.803%
45	13.059	992	995	999	rBV3	539586	1009519	16.66%	0.817%
46	13.174	999	1005	1006	rBV2	544072	1230143	20.30%	0.995%
47	13.197	1006	1007	1008	rBV	211753	228055	3.76%	0.184%
48	13.231	1008	1010	1012	rVB2	455413	560599	9.25%	0.454%
49	13.277	1012	1014	1015	rBV	632390	758362	12.51%	0.614%
50	13.368	1020	1022	1023	rVB	352757	343933	5.68%	0.278%
51	13.391	1023	1024	1027	rBV2	240878	378042	6.24%	0.306%
52	13.471	1029	1031	1036	rVB3	152782	320360	5.29%	0.259%
53	13.574	1036	1040	1043	rBV4	237575	715177	11.80%	0.579%
54	13.677	1046	1049	1051	rVB2	693691	1127354	18.60%	0.912%
55	13.791	1056	1059	1060	rBV2	460535	750744	12.39%	0.607%
56	13.882	1066	1067	1070	rVB2	761667	935982	15.45%	0.757%
57	13.940	1070	1072	1073	rBV	235411	323483	5.34%	0.262%
58	14.031	1077	1080	1082	rBV2	2866026	5223940	86.21%	4.226%
59	14.065	1082	1083	1086	rVB	2043920	2483167	40.98%	2.009%
60	14.122	1086	1088	1089	rBV2	104681	165894	2.74%	0.134%
61	14.145	1089	1090	1091	rVV	336817	262086	4.33%	0.212%
62	14.180	1091	1093	1094	rVV	210593	210441	3.47%	0.170%
63	14.225	1095	1097	1098	rVB2	243227	277255	4.58%	0.224%
64	14.260	1098	1100	1102	rBV2	262570	451066	7.44%	0.365%
65	14.294	1102	1103	1106	rVB	239983	262849	4.34%	0.213%
66	14.351	1106	1108	1110	rBV2	233301	307135	5.07%	0.248%
67	14.385	1110	1111	1112	rBV	172360	235801	3.89%	0.191%
68	14.431	1112	1115	1116	rVB	531359	699355	11.54%	0.566%
69	14.465	1116	1118	1119	rVB2	353851	448882	7.41%	0.363%
70	14.522	1119	1123	1124	rBV4	595934	877475	14.48%	0.710%
71	14.625	1129	1132	1135	rVB4	213959	407823	6.73%	0.330%

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Sampling : 1 Min Area: 3 % of largest Peak
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72	14.728	1139	1141	1142	rBV	242761	325518	5.37%	0.263%
73	14.808	1146	1148	1150	rBV	661812	814533	13.44%	0.659%
74	14.900	1153	1156	1161	rBV3	373703	773263	12.76%	0.626%
75	14.968	1161	1162	1165	rBV2	381901	507774	8.38%	0.411%
76	15.083	1168	1172	1176	rBV	2516866	6059740	100.00%	4.902%
77	15.174	1176	1180	1183	rVB	1140657	1482292	24.46%	1.199%
78	15.277	1186	1189	1191	rBV3	172424	423392	6.99%	0.343%
79	15.368	1194	1197	1200	rVB	1478283	2190738	36.15%	1.772%
80	15.437	1200	1203	1205	rBV	1793320	2687958	44.36%	2.175%
81	15.483	1205	1207	1209	rBV	667358	1167054	19.26%	0.944%
82	15.654	1219	1222	1224	rBV2	97597	213438	3.52%	0.173%
83	15.734	1227	1229	1232	rVV2	212357	349192	5.76%	0.282%
84	15.837	1236	1238	1241	rVB2	106647	185346	3.06%	0.150%
85	15.963	1246	1249	1251	rBV2	157489	317677	5.24%	0.257%
86	16.008	1251	1253	1260	rVB3	219092	524541	8.66%	0.424%
87	16.351	1280	1283	1288	rBV3	114677	351583	5.80%	0.284%
88	16.580	1296	1303	1312	rVB7	190702	895983	14.79%	0.725%
89	16.740	1312	1317	1321	rBV3	249218	830175	13.70%	0.672%
90	16.911	1328	1332	1335	rBV2	860292	1690126	27.89%	1.367%
91	17.071	1342	1346	1349	rBV	224958	631967	10.43%	0.511%
92	17.128	1349	1351	1354	rVB	138773	287334	4.74%	0.232%
93	17.334	1365	1369	1377	rVB	605232	1433687	23.66%	1.160%
94	17.494	1378	1383	1386	rVV4	408199	1027871	16.96%	0.832%
95	17.551	1386	1388	1394	rVB2	162831	416392	6.87%	0.337%
96	17.871	1412	1416	1419	rBV4	134836	414179	6.83%	0.335%
97	17.986	1423	1426	1429	rVV3	147814	395886	6.53%	0.320%
98	18.054	1429	1432	1439	rVB3	109432	358765	5.92%	0.290%
99	18.317	1447	1455	1462	rVB	774407	2776456	45.82%	2.246%
100	18.660	1480	1485	1492	rVB	775120	2162768	35.69%	1.750%

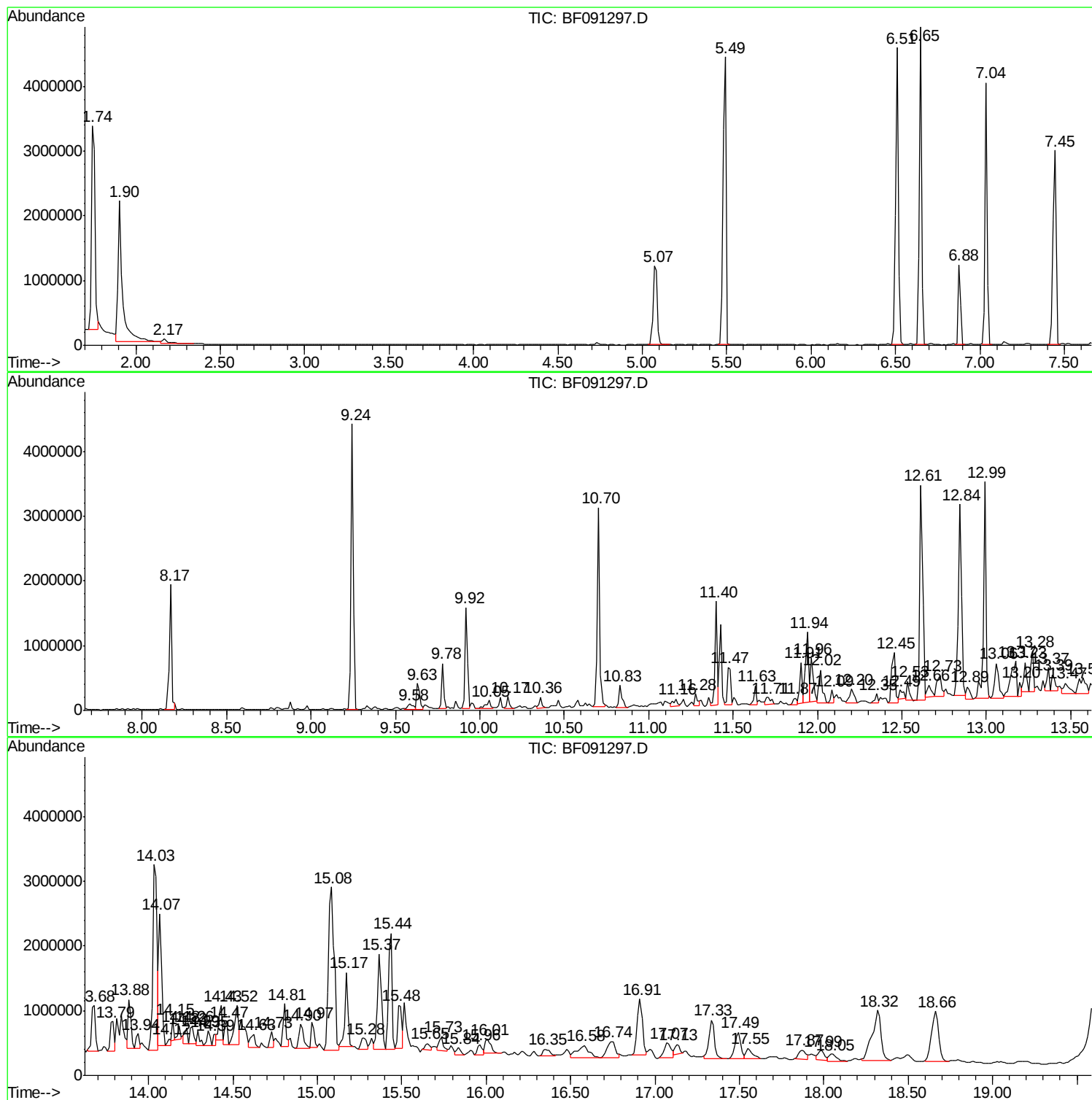
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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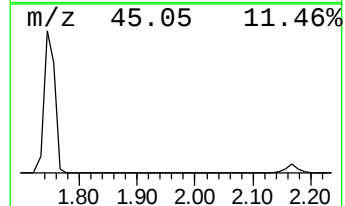
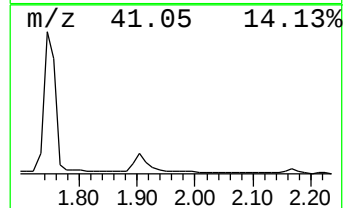
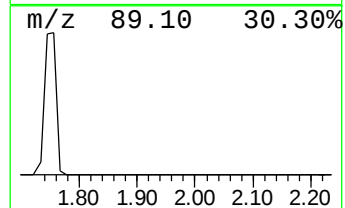
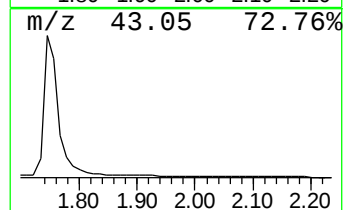
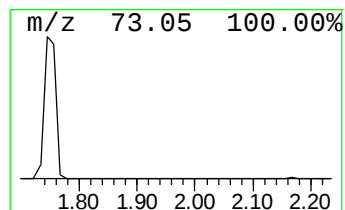
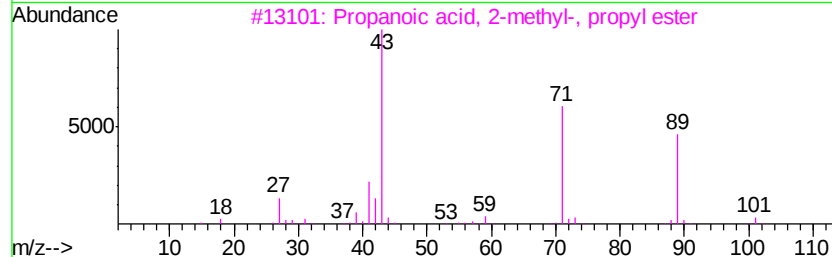
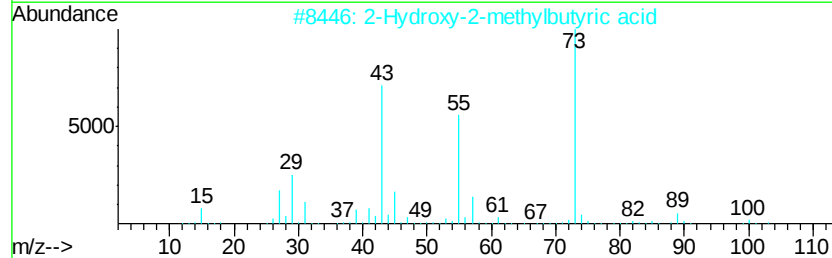
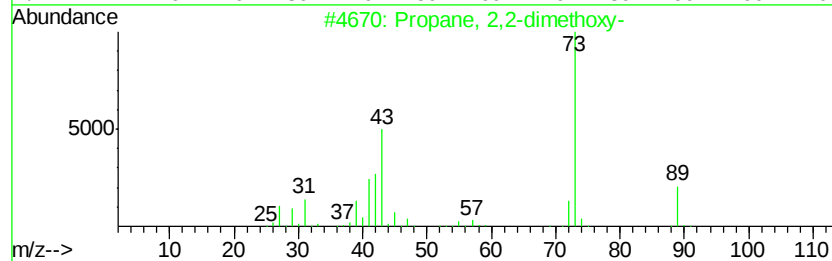
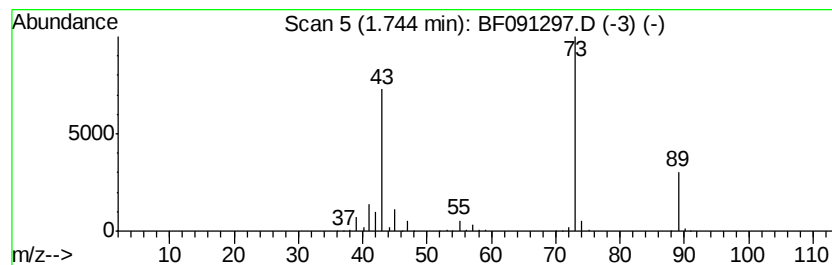
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown1.74 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.74	71.76 ng	4659530	1,4-Dichlorobenzene-d4	6.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	45
2		2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	28
3		Propanoic acid, 2-methyl-, propyl...	130	C7H14O2	000644-49-5	17
4		2-Butanone, 3-methoxy-3-methyl-	116	C6H12O2	036687-98-6	9
5		1-Propanol, 2-methyl-2-nitro-	119	C4H9NO3	000076-39-1	9



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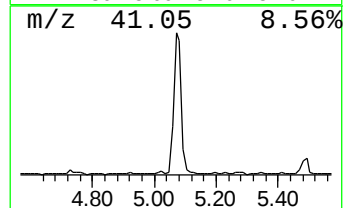
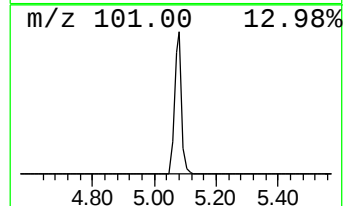
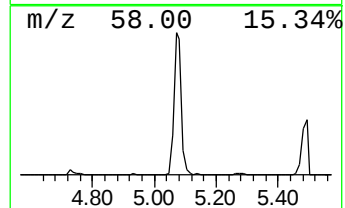
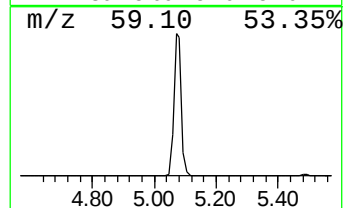
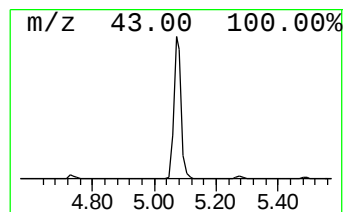
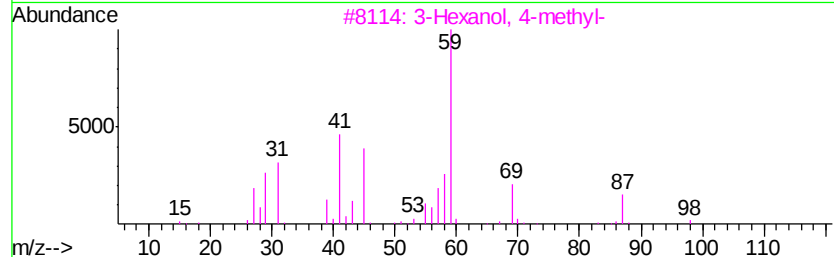
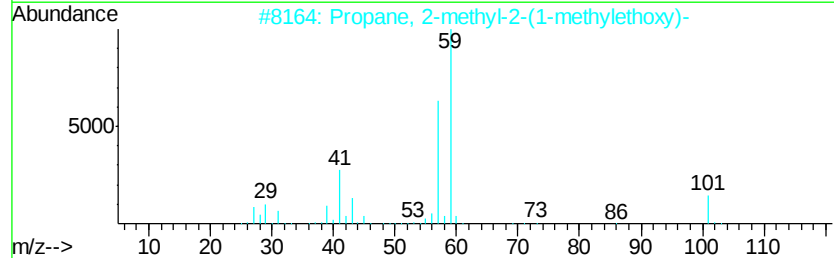
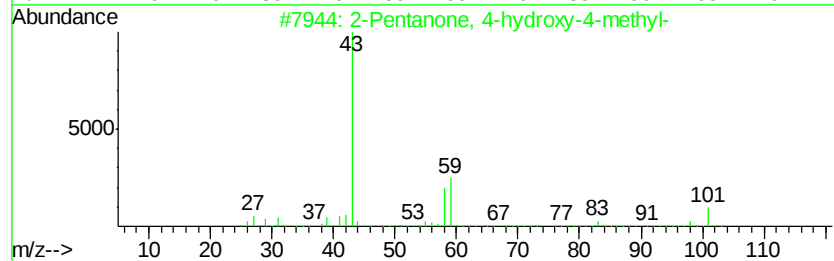
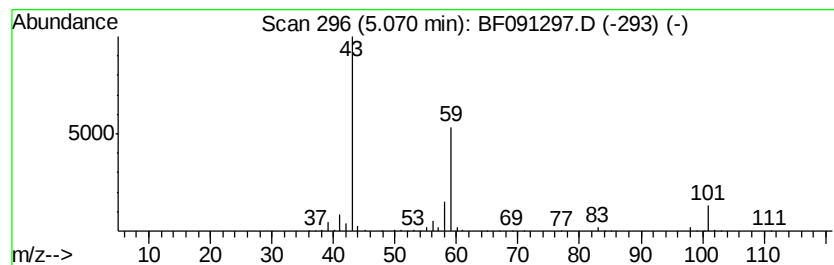
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.07	31.61 ng	2052240	1,4-Dichlorobenzene-d4	6.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2		Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
5		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32



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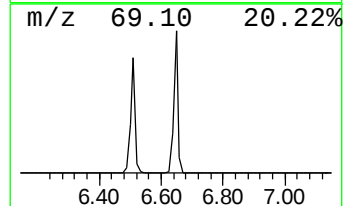
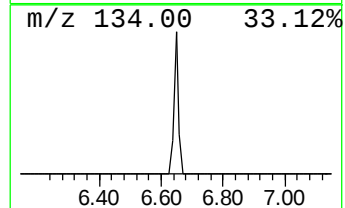
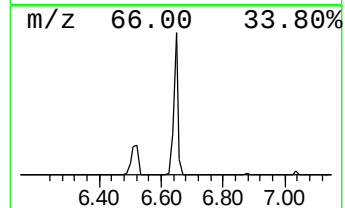
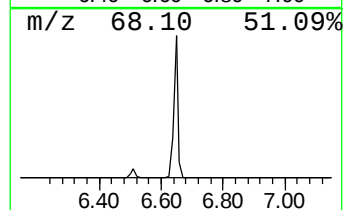
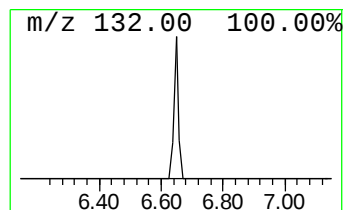
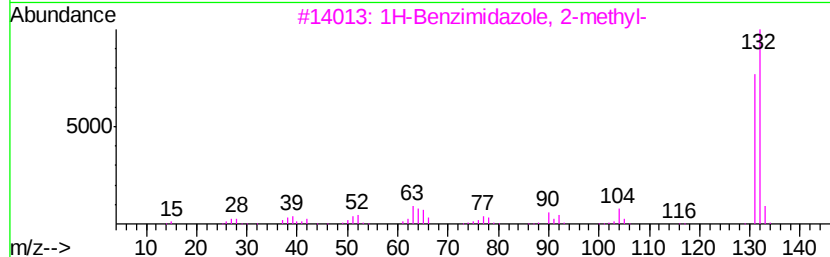
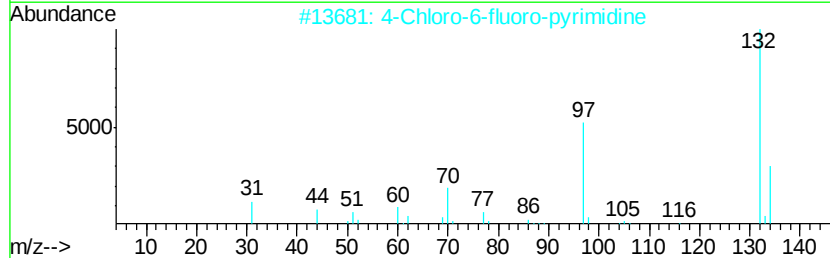
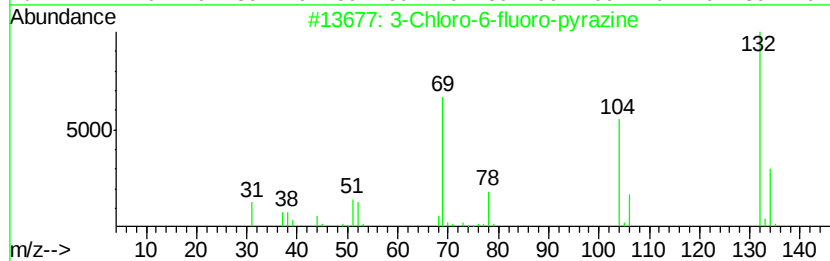
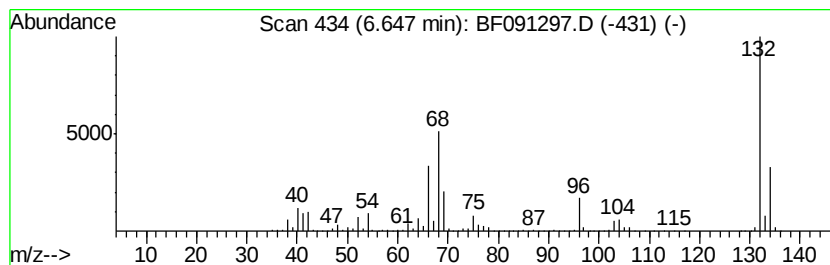
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	75.53 ng	4904510	1,4-Dichlorobenzene-d4	6.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2			4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3			1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4			5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
5			Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10



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Operator : UM/SJ
Sample : H5740-13
Misc :
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ClientSampleId :
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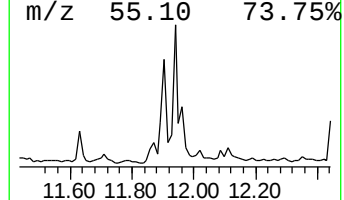
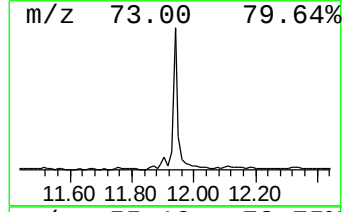
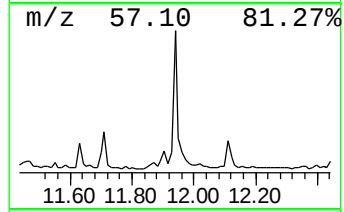
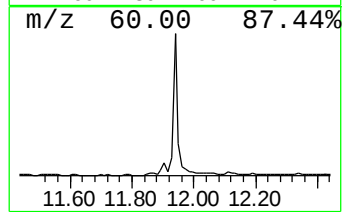
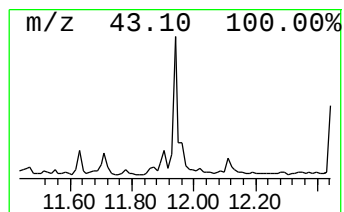
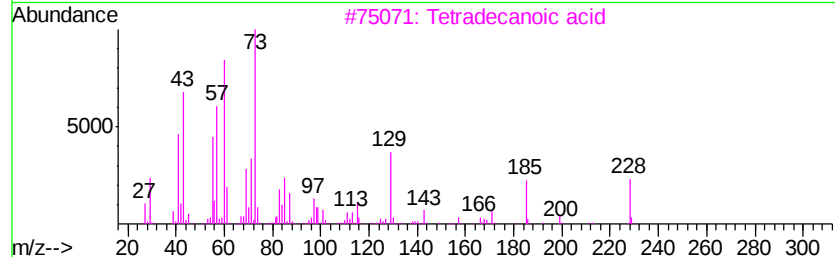
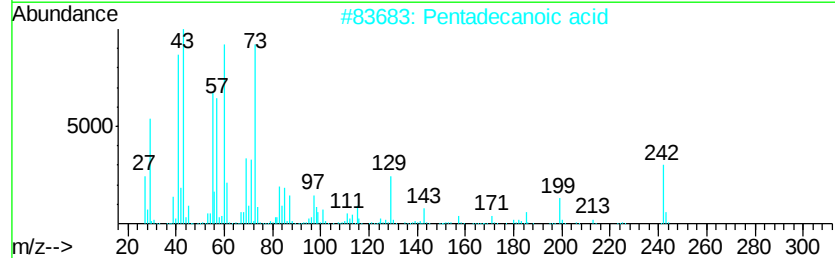
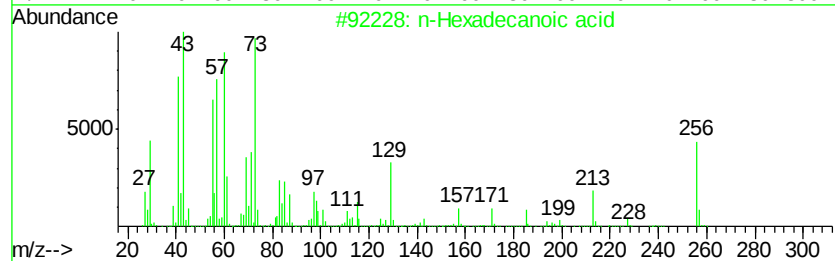
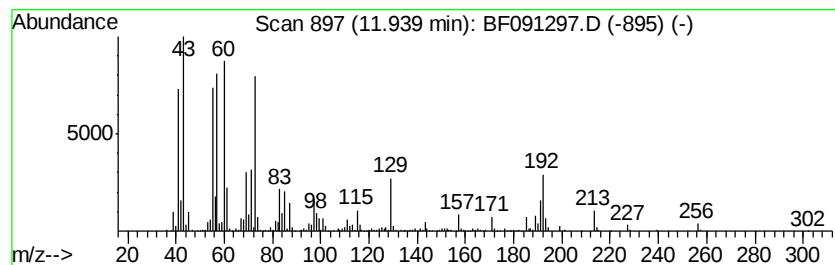
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 n-Hexadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	16.54 ng	1255230	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4	Undecanoic acid	186	C11H22O2	000112-37-8	64
5	Tridecanoic acid	214	C13H26O2	000638-53-9	64



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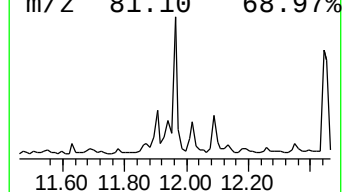
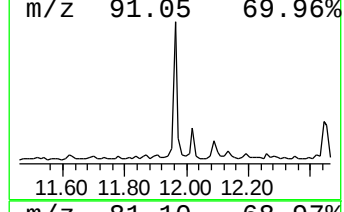
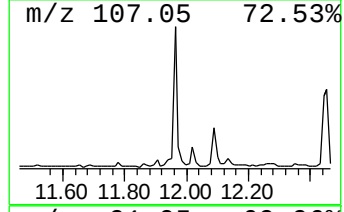
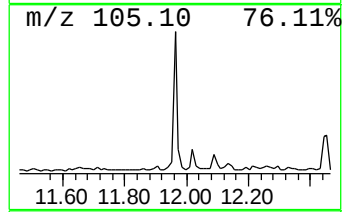
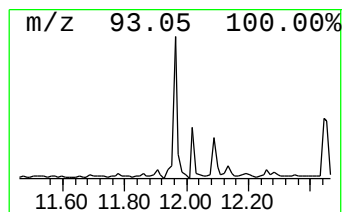
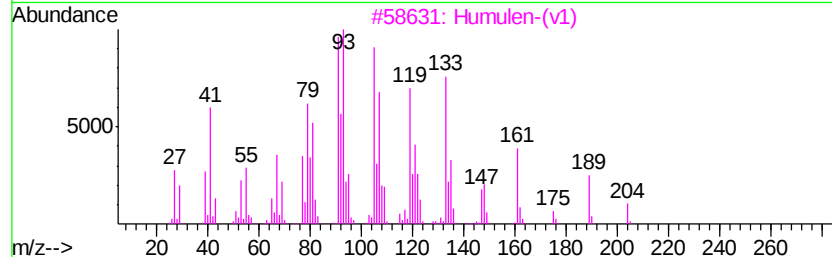
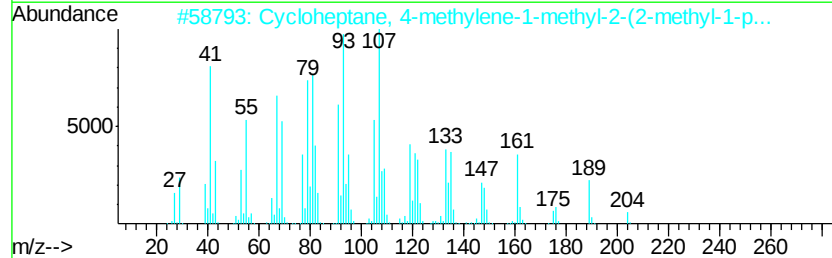
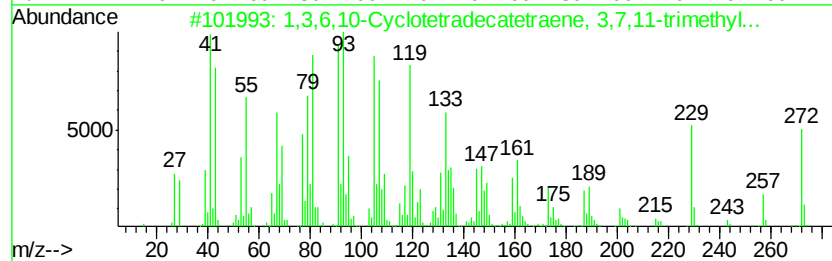
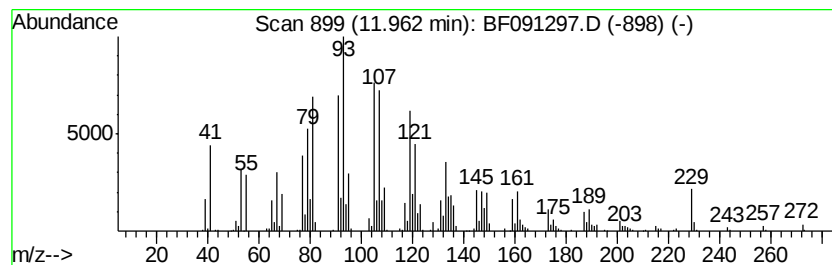
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1,3,6,10-Cyclotetradecatetr... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	10.54 ng	800253	Phenanthrene-d10	11.40
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1,3,6,10-Cyclotetradecatetraene,...	272 C20H32	001898-13-1	99
2	Cycloheptane, 4-methylene-1-meth...	204 C15H24	1000159-38-5	64
3	Humulen-(v1)	204 C15H24	1000159-39-4	58
4	Bicyclo[5.2.0]nonane, 2-methylen...	204 C15H24	242794-76-9	42
5	1,3,6-Heptatriene, 2,5,5-trimethyl-	136 C10H16	029548-02-5	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
Data File : BF091297.D
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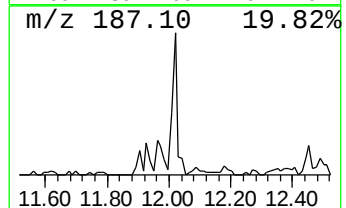
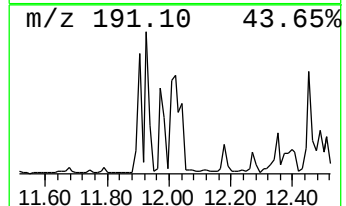
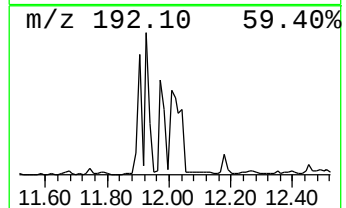
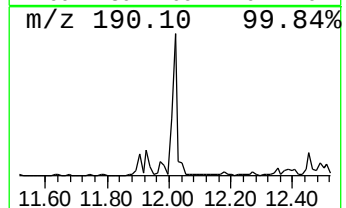
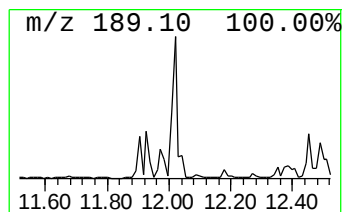
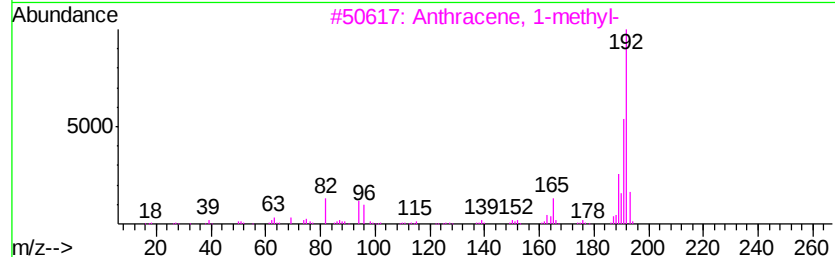
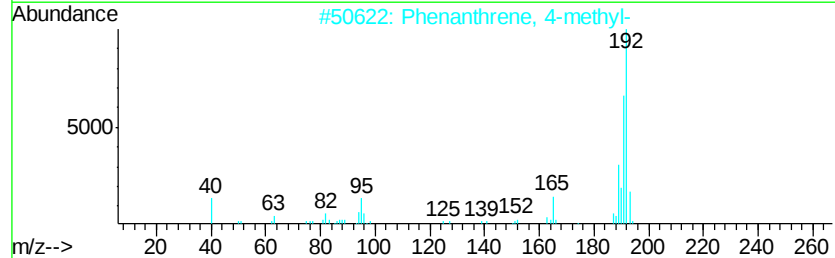
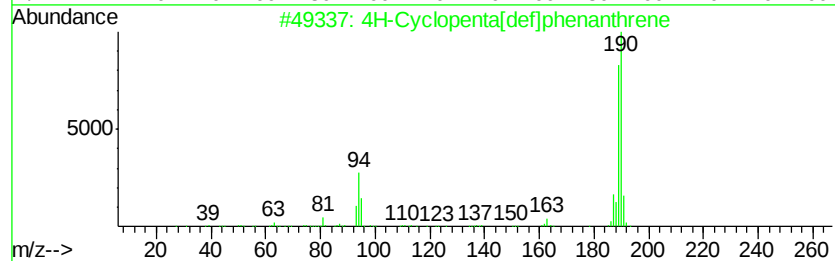
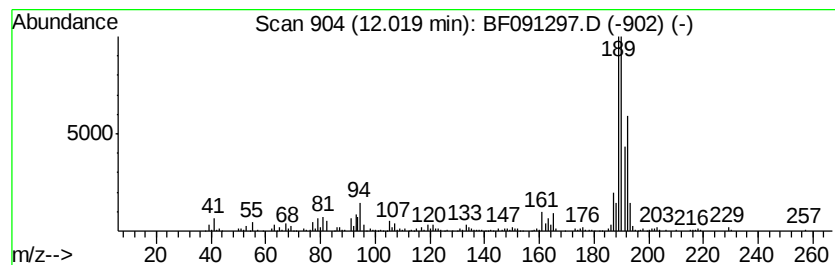
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	10.09 ng	765434	Phenanthrene-d10	11.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
2		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	25
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	22
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	22
5		Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	20



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
Data File : BF091297.D
Acq On : 24 Nov 2016 1:33
Operator : UM/SJ
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Misc :
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Instrument :
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ClientSampleId :
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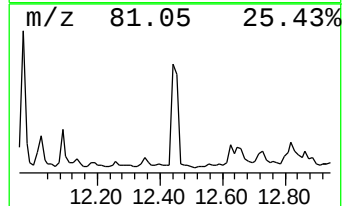
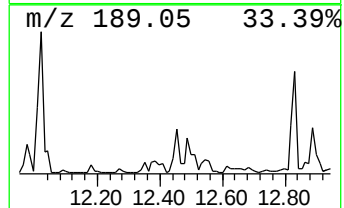
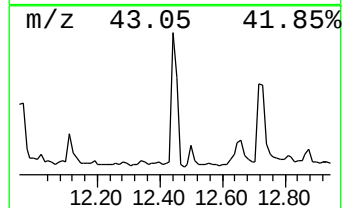
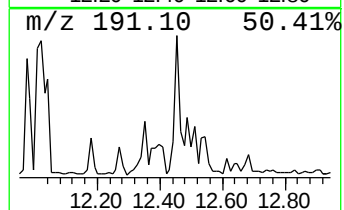
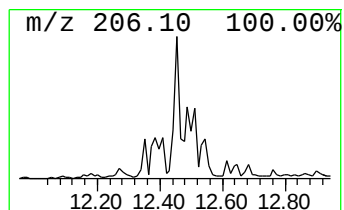
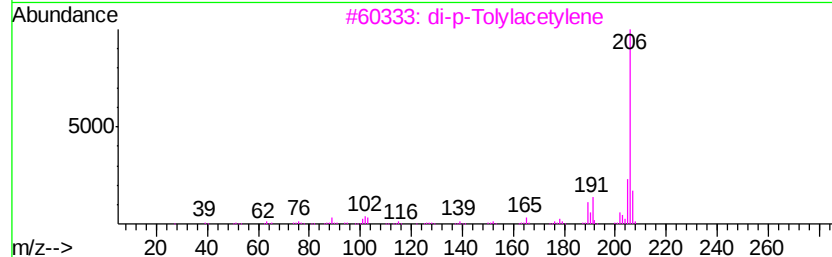
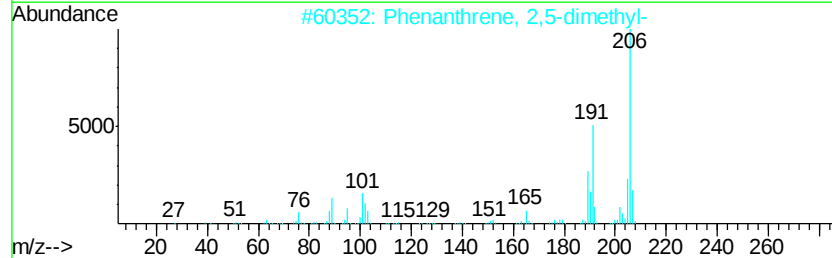
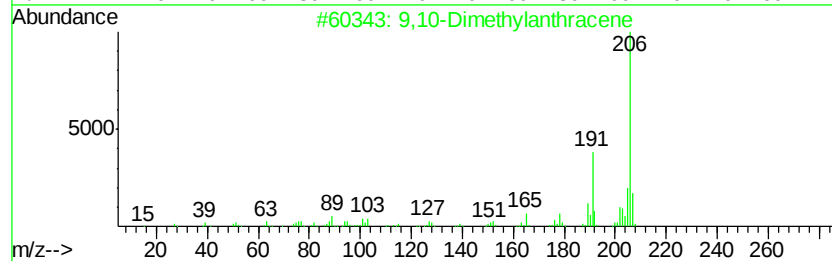
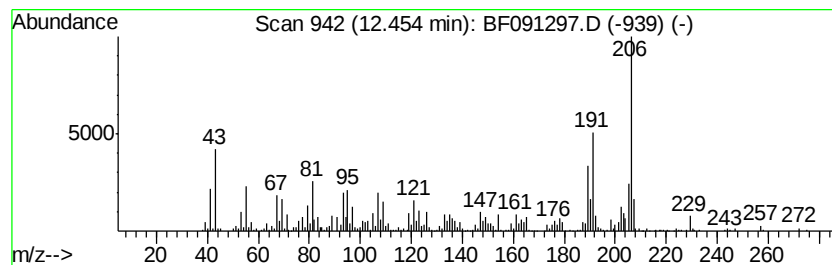
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 9,10-Dimethylantracene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	13.67 ng	1037500	Phenanthrene-d10	11.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Dimethylantracene	206	C16H14	000781-43-1	96
2		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	89
3		di-p-Tolylacetylene	206	C16H14	002789-88-0	86
4		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	83
5		1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
Data File : BF091297.D
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Operator : UM/SJ
Sample : H5740-13
Misc :
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Instrument :
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ClientSampleId :
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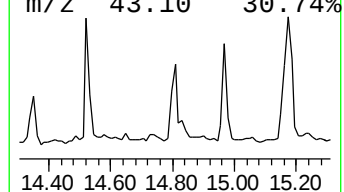
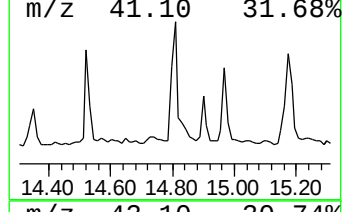
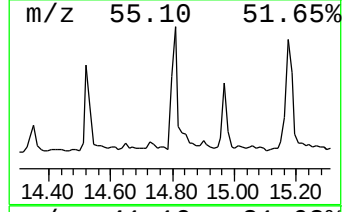
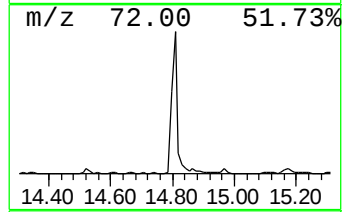
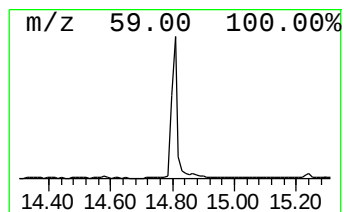
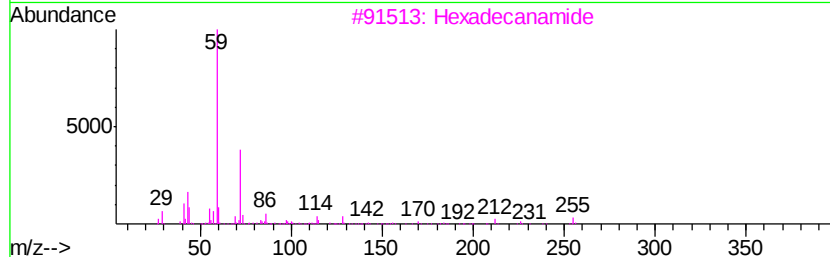
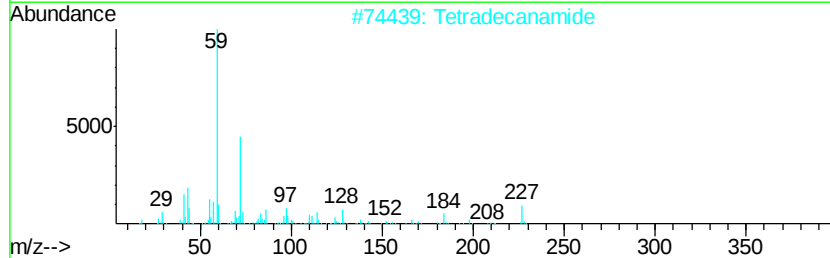
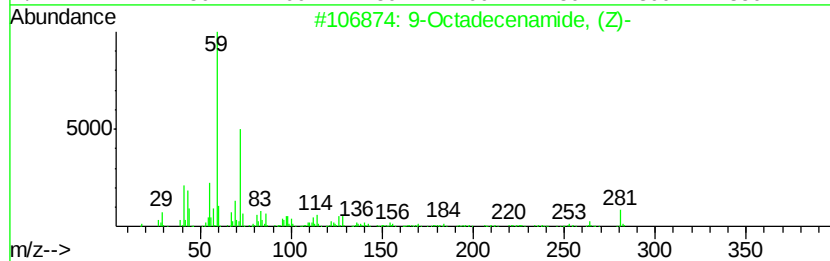
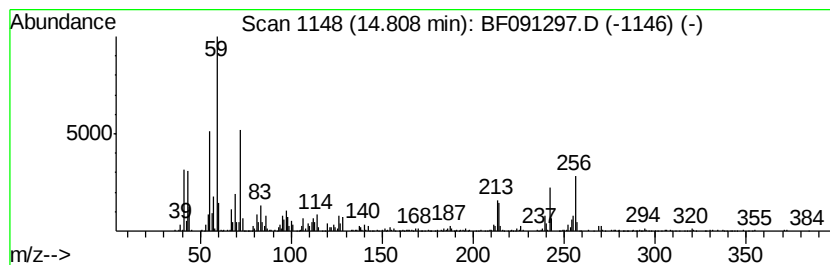
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 9-Octadecenamide, (Z)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	13.96 ng	814533	Perylene-d12	15.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	58
2		Tetradecanamide	227	C14H29NO	000638-58-4	50
3		Hexadecanamide	255	C16H33NO	000629-54-9	49
4		14-Hydroxy-14-methylpentadecanoic...	272	C16H32O3	091544-39-7	43
5		Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FN03	061338-98-5	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
Data File : BF091297.D
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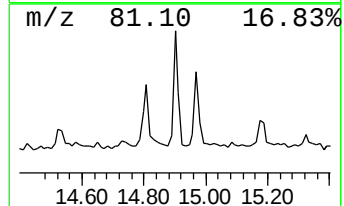
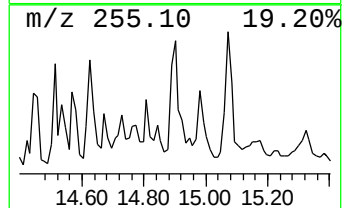
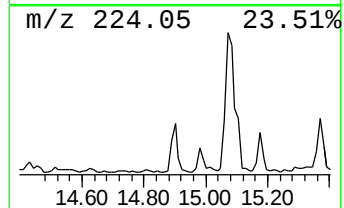
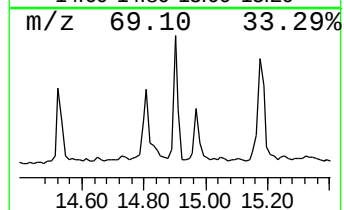
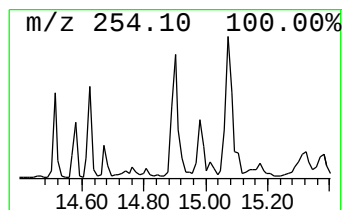
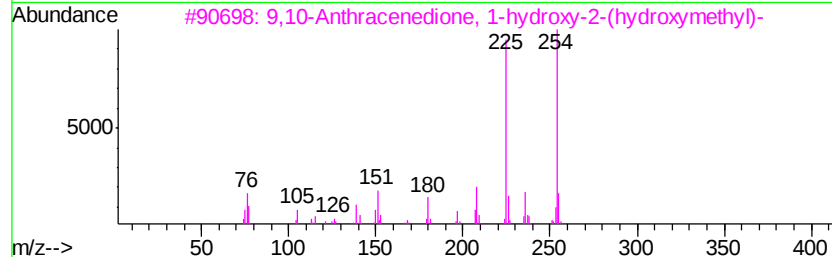
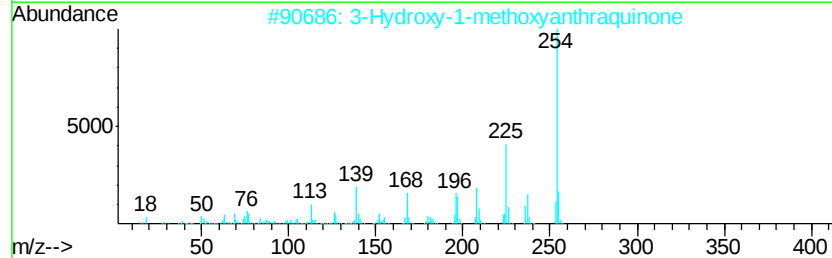
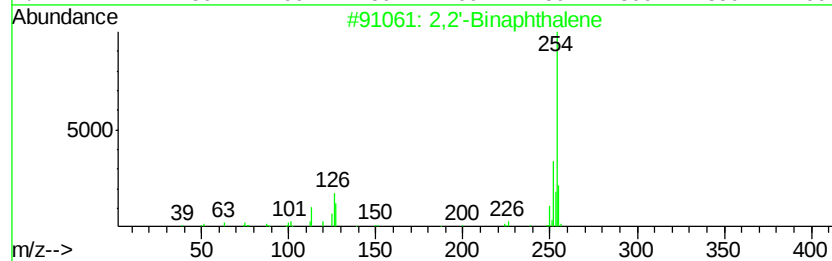
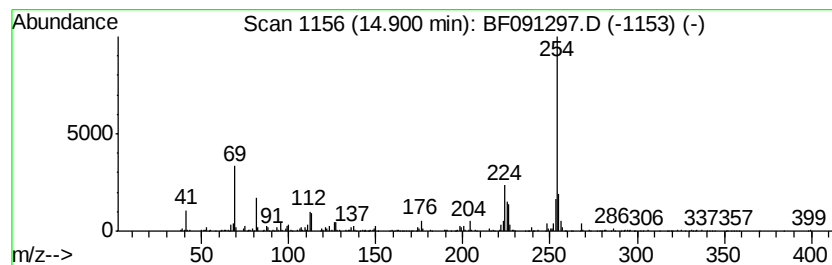
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 2,2'-Binaphthalene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.90	13.25 ng	773263	Perylene-d12	15.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,2'-Binaphthalene	254	C20H14	000612-78-2	64
2		3-Hydroxy-1-methoxyanthraquinone	254	C15H10O4	028504-24-7	59
3		9,10-Anthracenedione, 1-hydroxy-...	254	C15H10O4	024094-45-9	59
4		3-(2-Furan-2-yl-2-oxo-ethylidene...	254	C14H10N2O3	1000297-32-1	53
5		1,2'-Binaphthalene	254	C20H14	004325-74-0	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
Data File : BF091297.D
Acq On : 24 Nov 2016 1:33
Operator : UM/SJ
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ClientSampleId :
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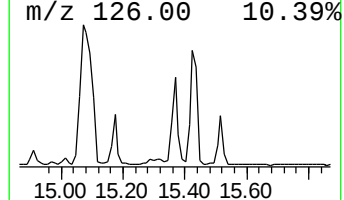
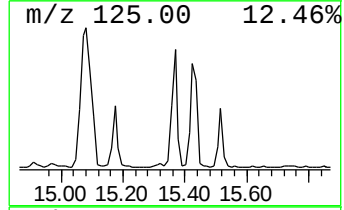
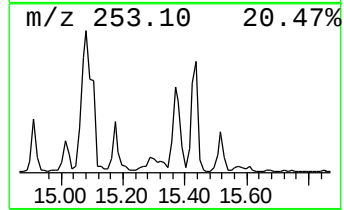
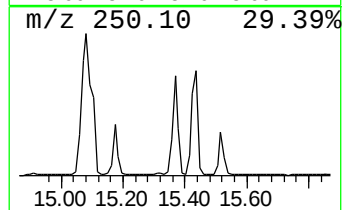
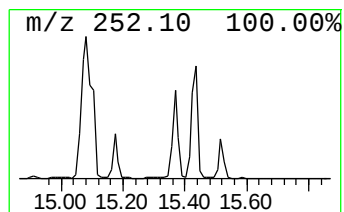
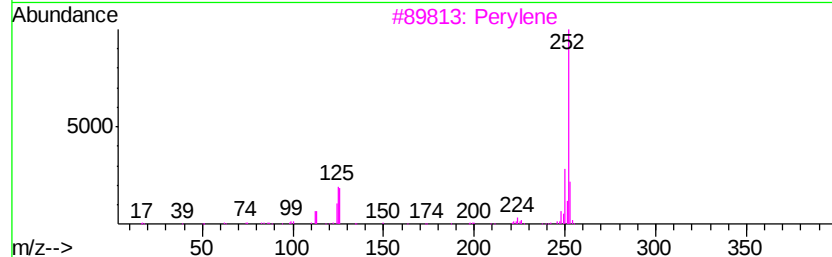
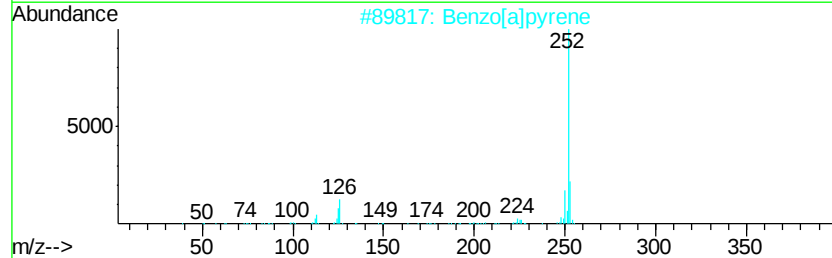
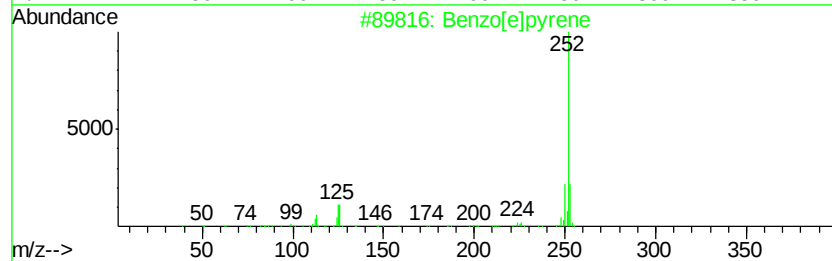
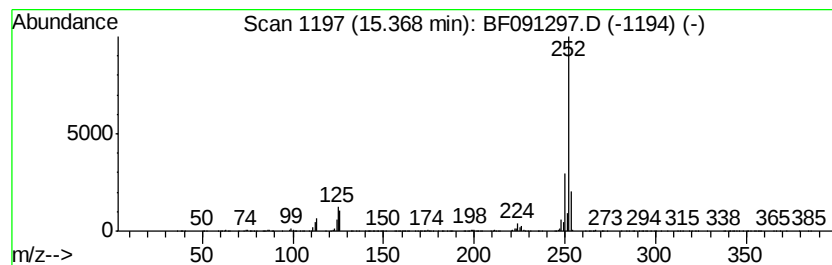
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	37.54 ng	2190740	Perylene-d12	15.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2		Benzo[a]pyrene	252	C20H12	000050-32-8	93
3		Perylene	252	C20H12	000198-55-0	93
4		Benzo[j]fluoranthene	252	C20H12	000205-82-3	90
5		Benzo[k]fluoranthene	252	C20H12	000207-08-9	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
Data File : BF091297.D
Acq On : 24 Nov 2016 1:33
Operator : UM/SJ
Sample : H5740-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-06(0-0.16)

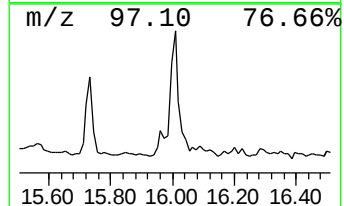
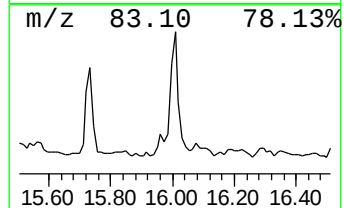
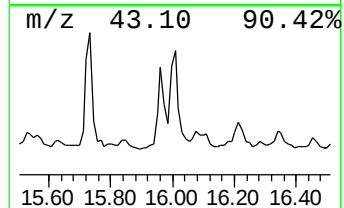
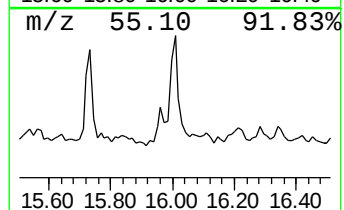
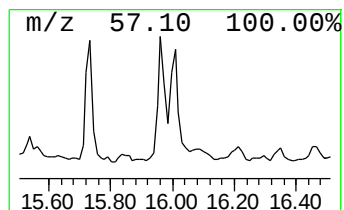
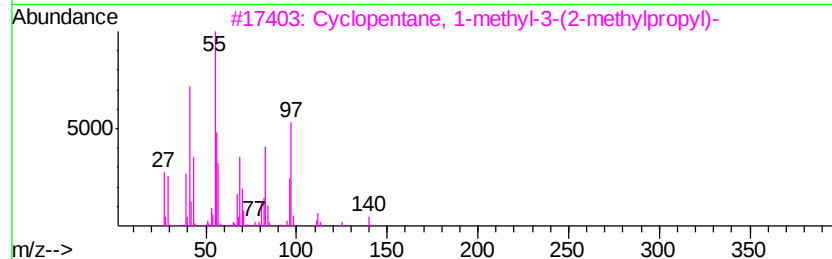
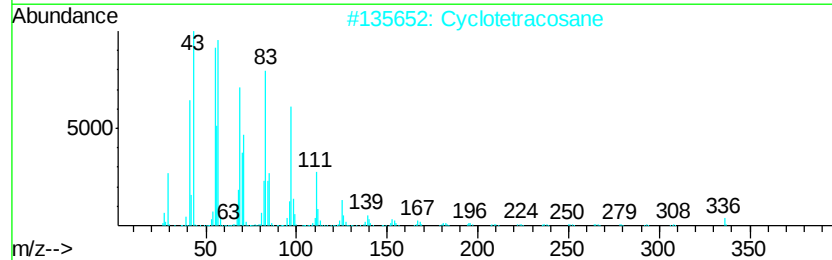
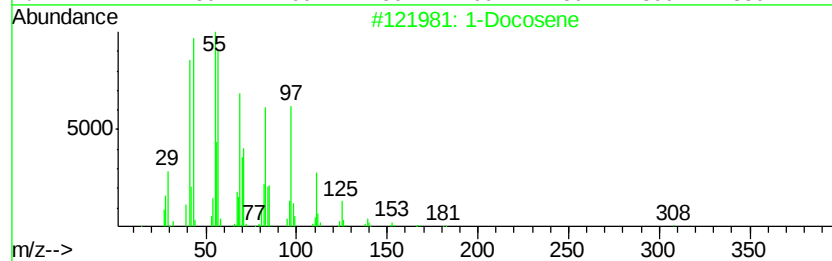
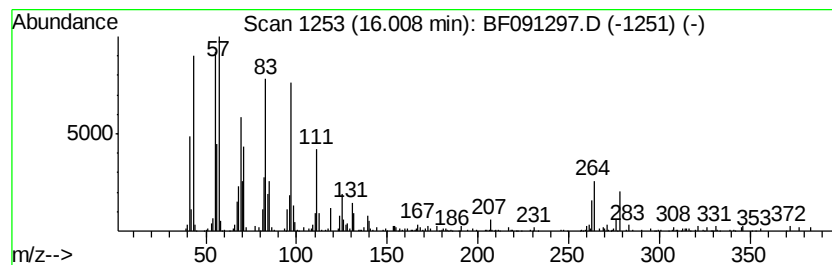
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 1-Docosene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.01	8.99 ng	524541	Perylene-d12	15.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Docosene	308	C22H44	001599-67-3	86
2			Cyclotetracosane	336	C24H48	000297-03-0	70
3			Cyclopentane, 1-methyl-3-(2-meth...	140	C10H20	029053-04-1	55
4			Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	46
5			17-Pentatriacontene	491	C35H70	006971-40-0	46



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
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Sample : H5740-13
Misc :
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ClientSampleId :
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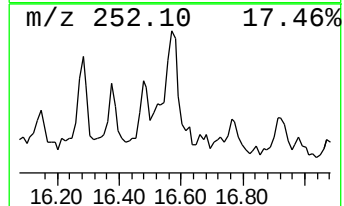
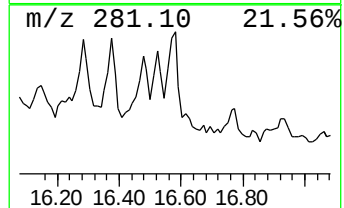
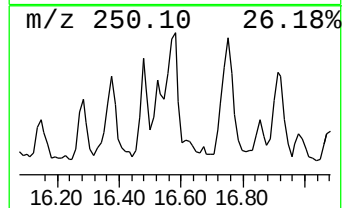
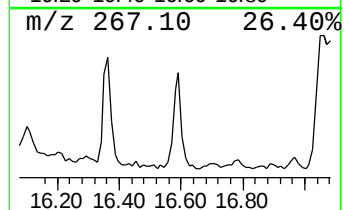
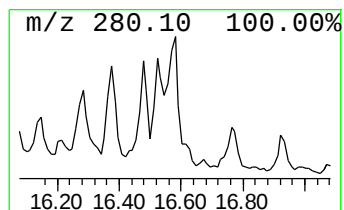
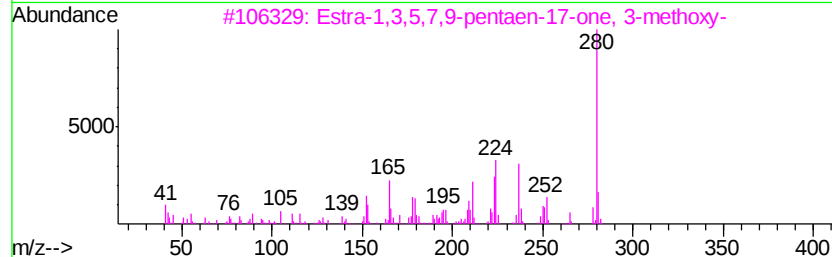
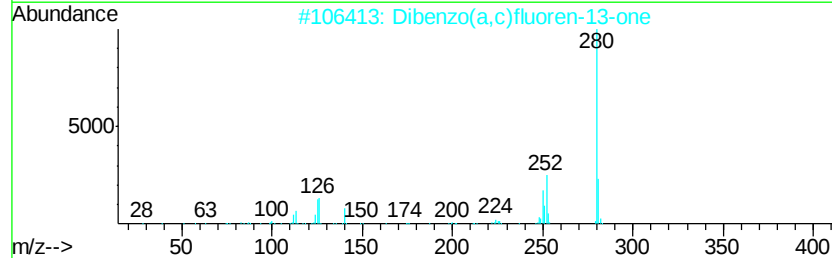
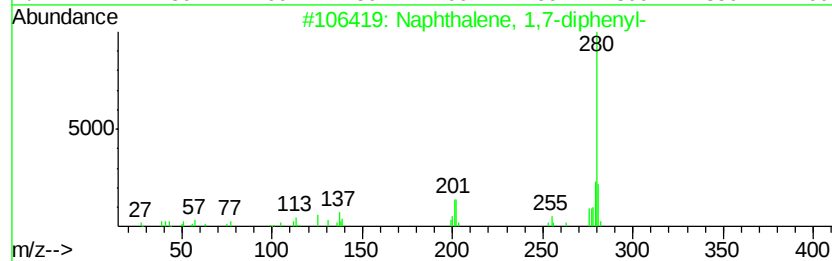
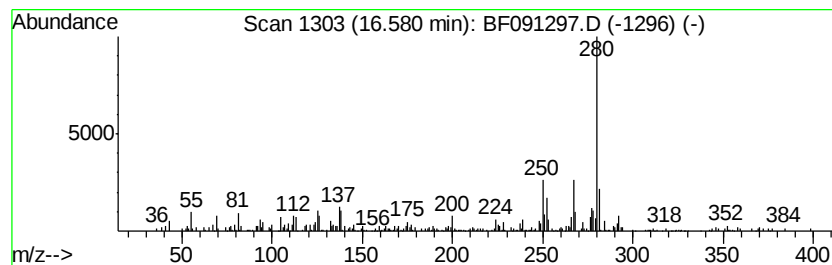
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Naphthalene, 1,7-diphenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.58	15.35 ng	895983	Perylene-d12	15.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,7-diphenyl-	280	C22H16	000970-06-9	60
2		Dibenzo(a,c)fluoren-13-one	280	C21H12O	063041-47-4	60
3		Estra-1,3,5,7,9-pentaen-17-one, ...	280	C19H20O2	003907-67-3	52
4		Benzo[a]cyclopropa[cd]pentalene-...	398	C26H22O4	040897-27-6	49
5		Pentacene, 6,13-dihydro-	280	C22H16	013579-08-3	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
Data File : BF091297.D
Acq On : 24 Nov 2016 1:33
Operator : UM/SJ
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Instrument :
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ClientSampleId :
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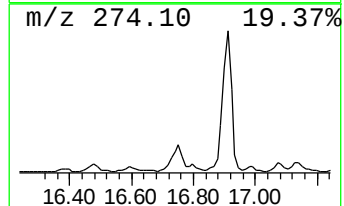
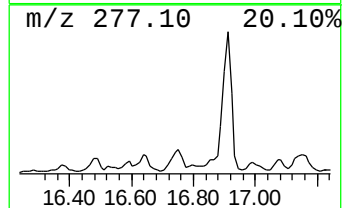
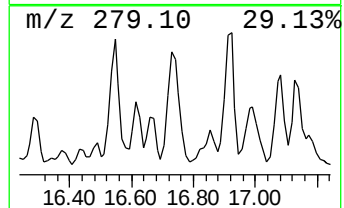
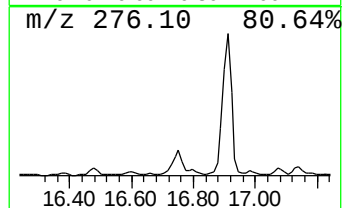
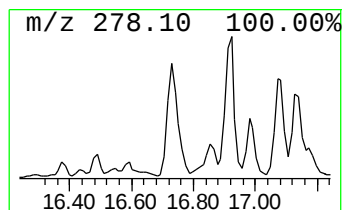
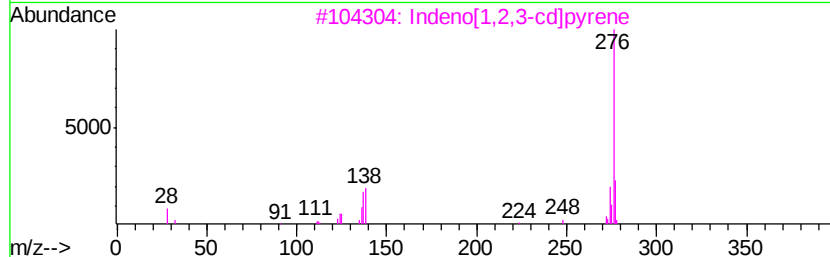
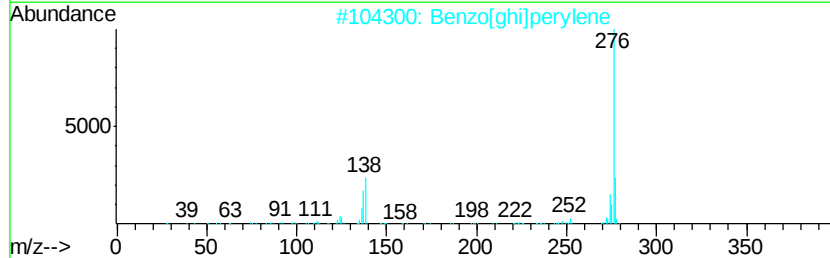
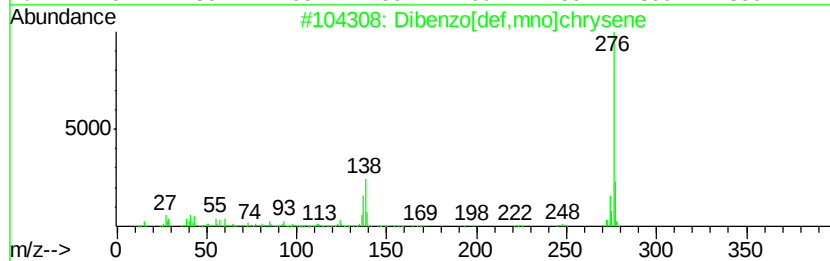
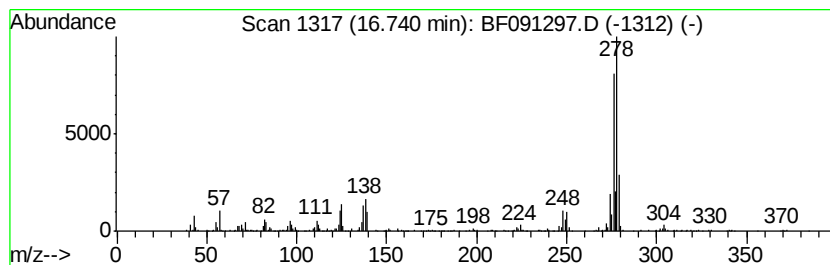
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown16.74 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.74	14.23 ng	830175	Perylene-d12	15.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	46
2		Benzo[ghi]perylene	276	C22H12	000191-24-2	46
3		Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	46
4		Benzo[b]triphenylene	278	C22H14	000215-58-7	45
5		Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
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Acq On : 24 Nov 2016 1:33
Operator : UM/SJ
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Misc :
ALS Vial : 20 Sample Multiplier: 1

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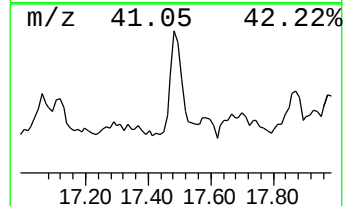
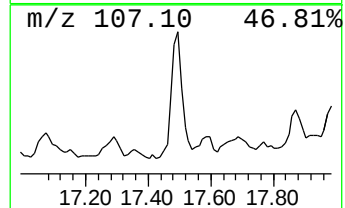
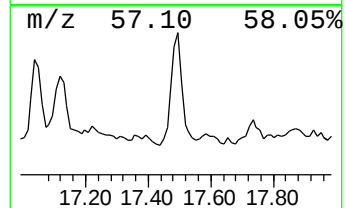
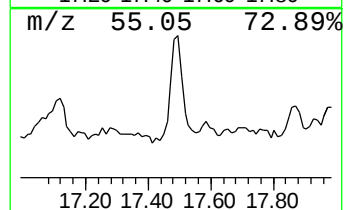
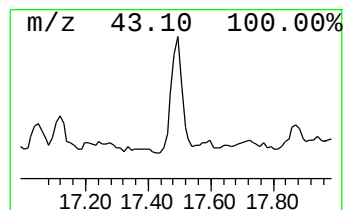
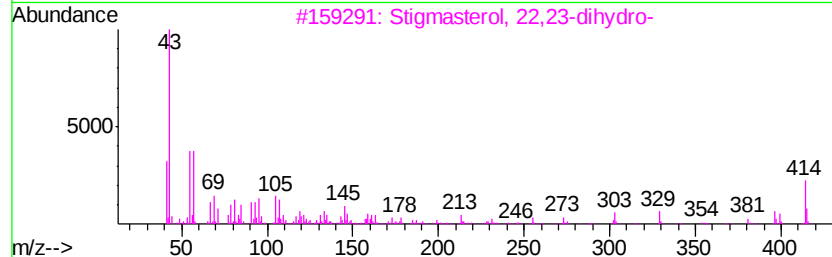
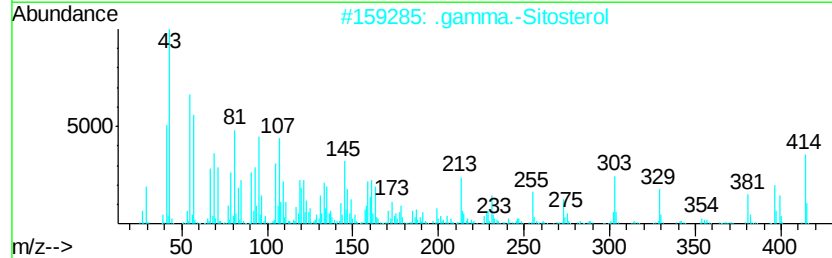
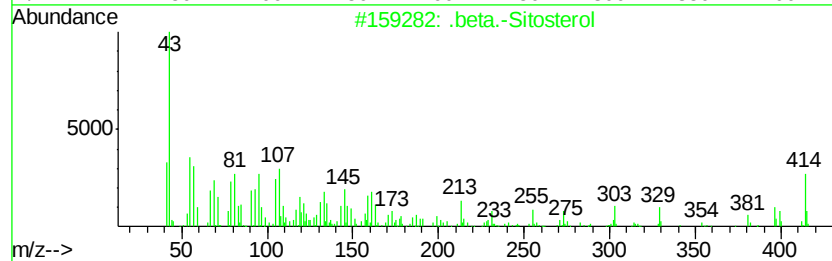
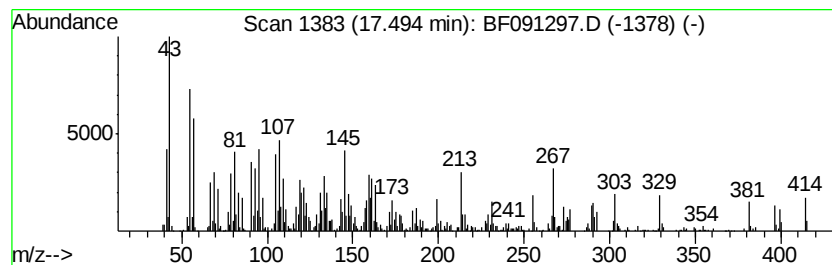
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 .beta.-Sitosterol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.49	17.61 ng	1027870	Perylene-d12	15.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.beta.-Sitosterol	414	C29H50O	000083-46-5	99
2		.gamma.-Sitosterol	414	C29H50O	000083-47-6	98
3		Stigmasterol, 22,23-dihydro-	414	C29H50O	1000214-20-7	92
4		.beta.-Sitosterol acetate	456	C31H52O2	000915-05-9	62
5		Isocholesteryl methyl ether	400	C28H48O	029944-53-4	62



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
Data File : BF091297.D
Acq On : 24 Nov 2016 1:33
Operator : UM/SJ
Sample : H5740-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-06(0-0.16)

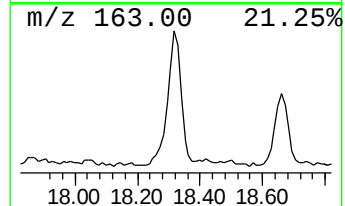
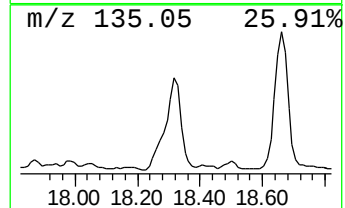
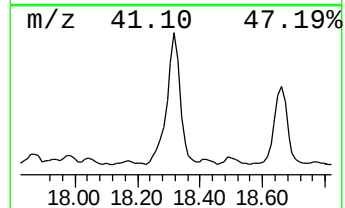
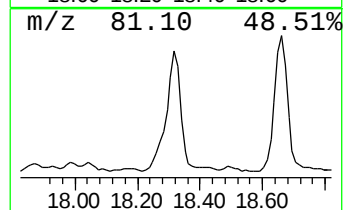
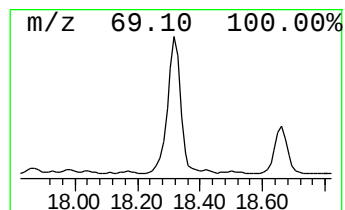
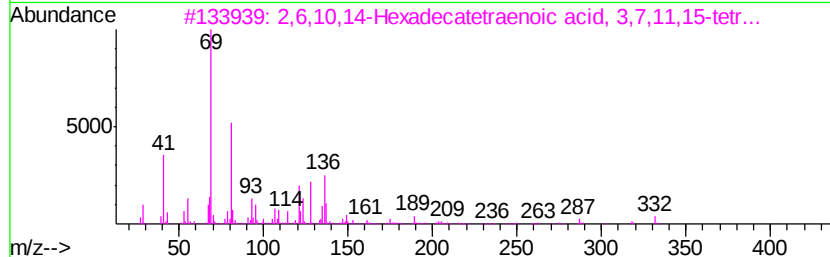
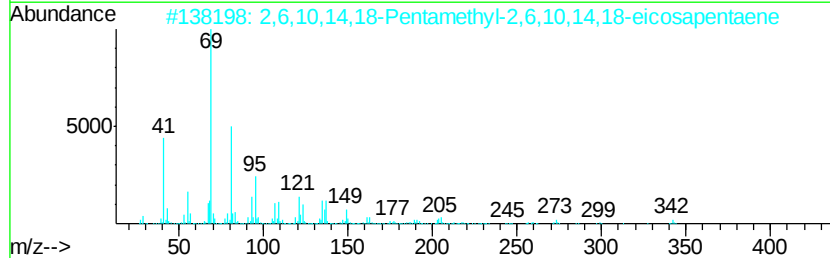
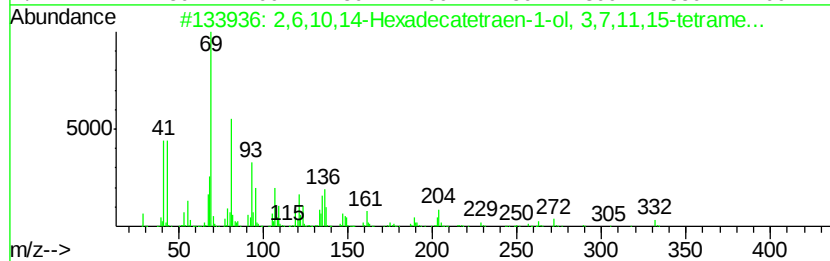
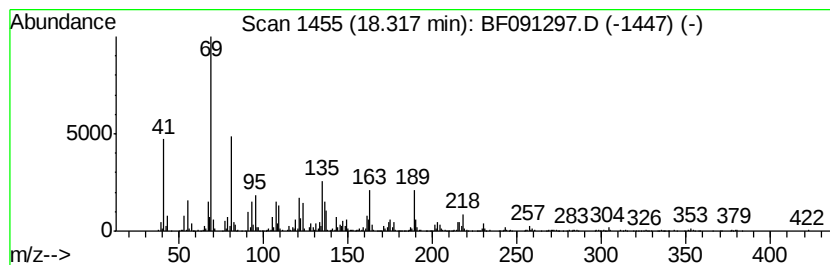
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 2,6,10,14-Hexadecatetraen-1... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	47.58 ng	2776460	Perylene-d12	15.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10,14-Hexadecatetraen-1-ol,	...	332	C22H36O2	061691-98-3	58	
2	2,6,10,14,18-Pentamethyl-2,6,10,	...	342	C25H42	075581-03-2	50	
3	2,6,10,14-Hexadecatetraenoic aci...	...	332	C22H36O2	024035-35-6	47	
4	6,10,14-Hexadecatrien-1-ol,	3,7,...	292	C20H36O	036237-66-8	47	
5	1,6,10-Dodecatrien-3-ol,	3,7,11-...	222	C15H26O	040716-66-3	43	



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
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Operator : UM/SJ
Sample : H5740-13
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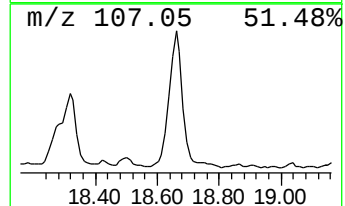
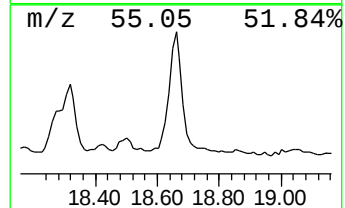
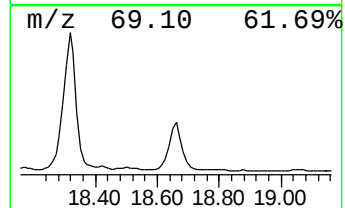
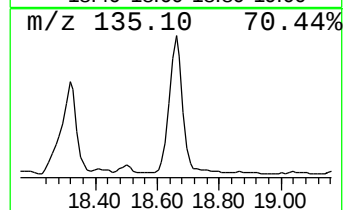
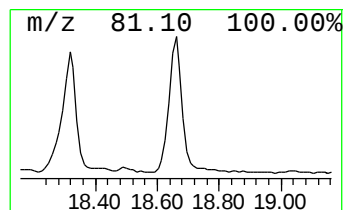
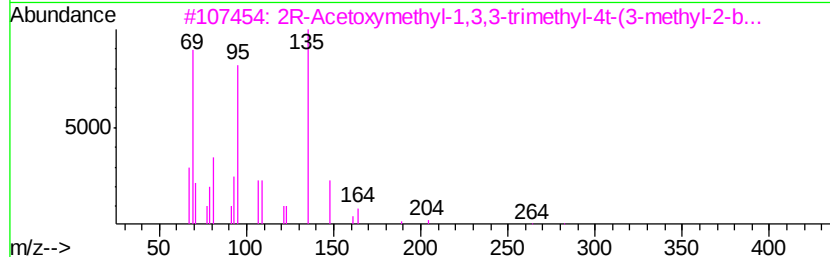
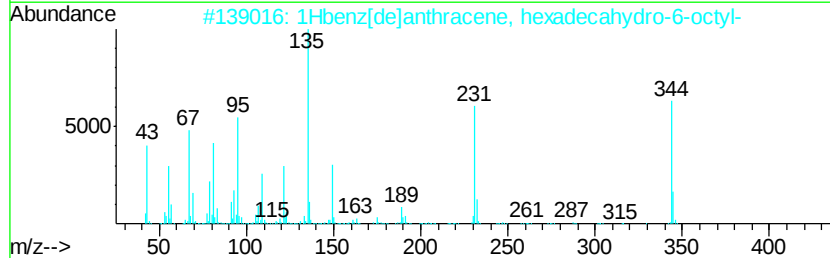
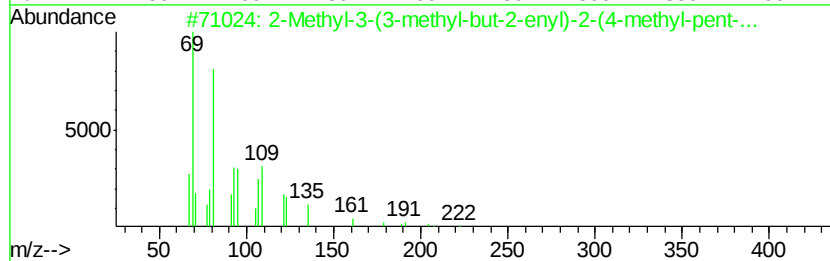
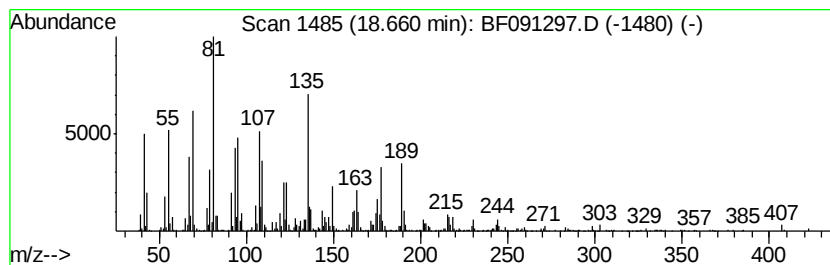
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 2-Methyl-3-(3-methyl-but-2-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.66	37.06 ng	2162770	Perylene-d12	15.49
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2-Methyl-3-(3-methyl-but-2-enyl)...	222 C15H26O	1000144-10-2	64
2	1Hbenz[de]anthracene, hexadecahy...	344 C25H44	007225-65-2	27
3	2R-Acetoxymethyl-1,3,3-trimethyl...	282 C17H30O3	1000146-23-9	22
4	4a(2H)-Naphthalenemethanol, octa...	168 C11H20O	099992-19-5	22
5	Cyclopropane, tetramethylpropyli...	138 C10H18	024519-04-8	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
 Data File : BF091297.D
 Acq On : 24 Nov 2016 1:33
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 Sample : H5740-13
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 ALS Vial : 20 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112316.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
unknown1.74	1.74	71.8	ng	4659530	1	6.88	1298630	20.0
2-Pentanone, 4-hy...	5.07	31.6	ng	2052240	1	6.88	1298630	20.0
unknown6.65	6.65	75.5	ng	4904510	1	6.88	1298630	20.0
n-Hexadecanoic acid	11.94	16.5	ng	1255230	4	11.40	1517930	20.0
1,3,6,10-Cyclotet...	11.96	10.5	ng	800253	4	11.40	1517930	20.0
4H-Cyclopenta[def...	12.02	10.1	ng	765434	4	11.40	1517930	20.0
9,10-Dimethylanthe...	12.45	13.7	ng	1037500	4	11.40	1517930	20.0
9-Octadecenamide,...	14.81	14.0	ng	814533	6	15.49	1167050	20.0
2,2'-Binaphthalene	14.90	13.3	ng	773263	6	15.49	1167050	20.0
Benzo[e]pyrene	15.37	37.5	ng	2190740	6	15.49	1167050	20.0
1-Docosene	16.01	9.0	ng	524541	6	15.49	1167050	20.0
Naphthalene, 1,7-...	16.58	15.4	ng	895983	6	15.49	1167050	20.0
unknown16.74	16.74	14.2	ng	830175	6	15.49	1167050	20.0
.beta.-Sitosterol	17.49	17.6	ng	1027870	6	15.49	1167050	20.0
2,6,10,14-Hexadec...	18.32	47.6	ng	2776460	6	15.49	1167050	20.0
2-Methyl-3-(3-met...	18.66	37.1	ng	2162770	6	15.49	1167050	20.0