

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040616\
 Data File : BF086105.D
 Acq On : 6 Apr 2016 18:37
 Operator : UM/SJ
 Sample : H2254-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-15

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-BF040216.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	2.304	15	19	21	rBV	99423	165493	5.28%	0.506%
2	2.338	21	22	26	rVB3	126272	232616	7.42%	0.712%
3	2.487	34	35	36	rBV	58230	51547	1.64%	0.158%
4	2.555	39	41	45	rVB4	37816	77025	2.46%	0.236%
5	4.921	246	248	260	rBV	153104	307567	9.81%	0.941%
6	5.344	282	285	287	rBV	2576759	2986750	95.28%	9.140%
7	6.396	374	377	379	rBV	2387711	3134559	100.00%	9.592%
8	6.510	385	387	390	rBV	2774447	2748754	87.69%	8.412%
9	6.739	405	407	410	rBV	1039543	931615	29.72%	2.851%
10	6.899	419	421	423	rBV	2566626	2434447	77.66%	7.450%
11	7.310	454	457	460	rBV	1733680	1846527	58.91%	5.651%
12	7.424	464	467	473	rVB	23834	35492	1.13%	0.109%
13	8.030	517	520	522	rBV	1243434	1236587	39.45%	3.784%
14	9.105	611	614	617	rBV	3135728	2981407	95.11%	9.123%
15	9.505	646	649	651	rBV	619252	530655	16.93%	1.624%
16	9.710	666	667	670	rBV	25652	33473	1.07%	0.102%
17	9.779	670	673	676	rVV	1503521	1327522	42.35%	4.062%
18	10.213	710	711	713	rVB	78273	57012	1.82%	0.174%
19	10.431	727	730	733	rBV	25532	40845	1.30%	0.125%
20	10.568	739	742	745	rBV	1747049	1954113	62.34%	5.980%
21	10.682	751	752	757	rVB	80578	108680	3.47%	0.333%
22	11.128	789	791	798	rVB	44438	82438	2.63%	0.252%
23	11.265	801	803	805	rBV	1291075	1285755	41.02%	3.935%
24	11.516	820	825	827	rBV2	14018	35331	1.13%	0.108%
25	11.802	848	850	852	rBV	118157	183591	5.86%	0.562%
26	11.871	855	856	860	rVB	51782	71072	2.27%	0.217%
27	12.042	869	871	872	rBV	22983	35126	1.12%	0.107%
28	12.065	872	873	875	rVB	69479	51628	1.65%	0.158%
29	12.099	875	876	880	rBV3	72672	95139	3.04%	0.291%
30	12.225	882	887	888	rVV4	56034	73153	2.33%	0.224%
31	12.271	888	891	893	rVB	90031	123527	3.94%	0.378%
32	12.316	893	895	896	rBV	37312	47694	1.52%	0.146%
33	12.408	900	903	907	rVB2	25902	46232	1.47%	0.141%
34	12.476	907	909	912	rBV	145274	196703	6.28%	0.602%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.591	917	919	921	rVB2	103291	100723	3.21%	0.308%
36	12.694	926	928	931	rBV	217895	320247	10.22%	0.980%
37	12.751	931	933	935	rVB3	20454	33759	1.08%	0.103%
38	12.842	939	941	944	rVV	2006941	2446483	78.05%	7.487%
39	12.922	945	948	950	rBV	23565	34563	1.10%	0.106%
40	13.002	952	955	959	rBV3	77460	130885	4.18%	0.401%
41	13.082	959	962	965	rVV2	34067	77191	2.46%	0.236%
42	13.139	965	967	970	rVB2	29610	46003	1.47%	0.141%
43	13.254	976	977	979	rBV	33798	36918	1.18%	0.113%
44	13.414	989	991	993	rBV	36257	48670	1.55%	0.149%
45	13.699	1009	1016	1018	rBV3	108067	204136	6.51%	0.625%
46	13.745	1018	1020	1025	rVV3	345878	511202	16.31%	1.564%
47	13.894	1030	1033	1038	rBV2	957311	1150047	36.69%	3.519%
48	14.065	1046	1048	1053	rBV4	37141	73843	2.36%	0.226%
49	14.282	1065	1067	1069	rBV	27746	42332	1.35%	0.130%
50	14.362	1072	1074	1075	rBV	31077	33741	1.08%	0.103%
51	14.614	1091	1096	1098	rBV6	16269	54032	1.72%	0.165%
52	14.911	1119	1122	1125	rBV	82975	172531	5.50%	0.528%
53	15.185	1143	1146	1149	rBV	78343	107908	3.44%	0.330%
54	15.242	1149	1151	1153	rVV	104897	131168	4.18%	0.401%
55	15.300	1153	1156	1162	rVB	719275	949048	30.28%	2.904%
56	15.700	1188	1191	1194	rBV2	24328	47239	1.51%	0.145%
57	15.768	1194	1197	1199	rBV3	23135	54320	1.73%	0.166%
58	16.648	1271	1274	1284	rVB2	30884	102787	3.28%	0.315%
59	16.808	1285	1288	1290	rBV	15033	31547	1.01%	0.097%
60	17.048	1306	1309	1314	rVB	29754	63689	2.03%	0.195%
61	18.043	1392	1396	1401	rVB3	15420	47563	1.52%	0.146%
62	18.900	1468	1471	1480	rVB7	21239	75842	2.42%	0.232%

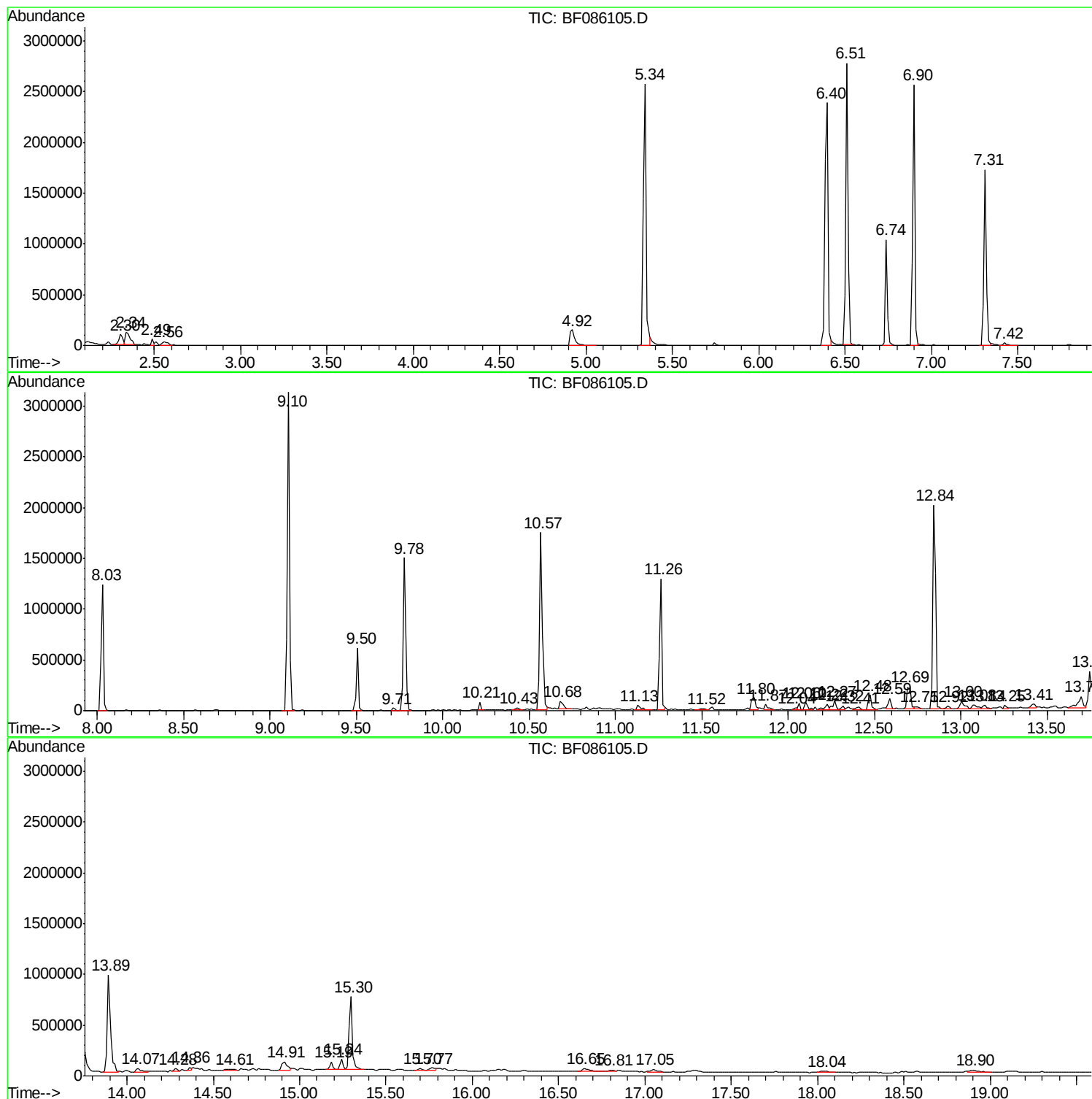
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ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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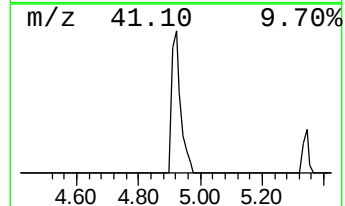
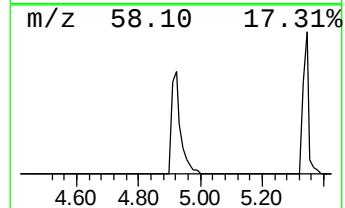
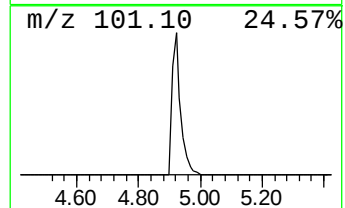
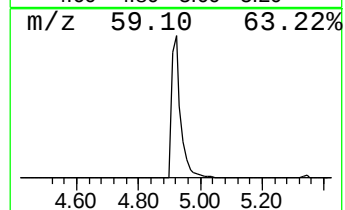
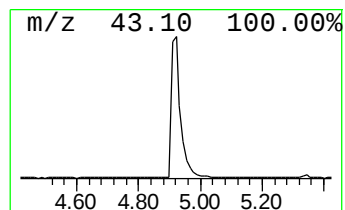
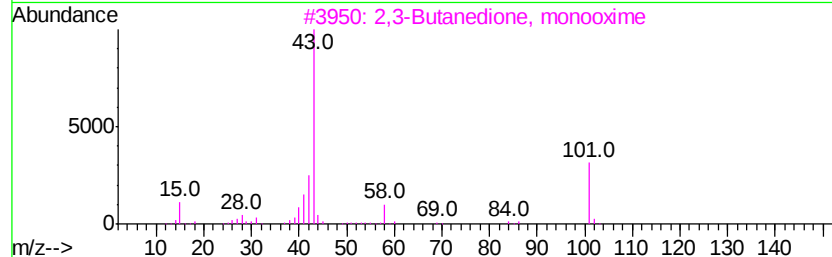
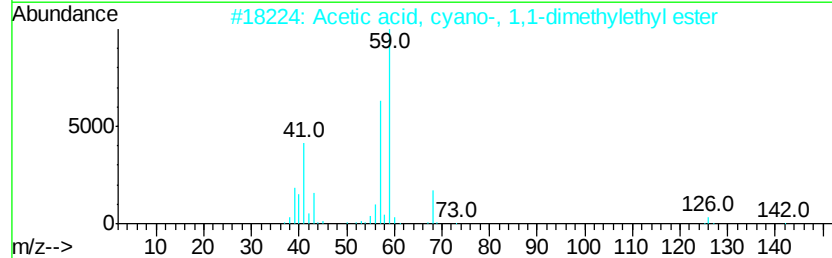
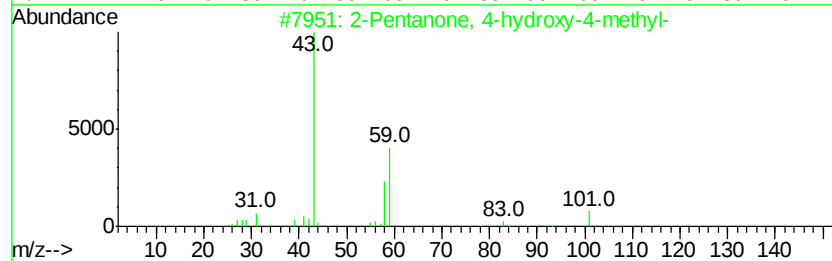
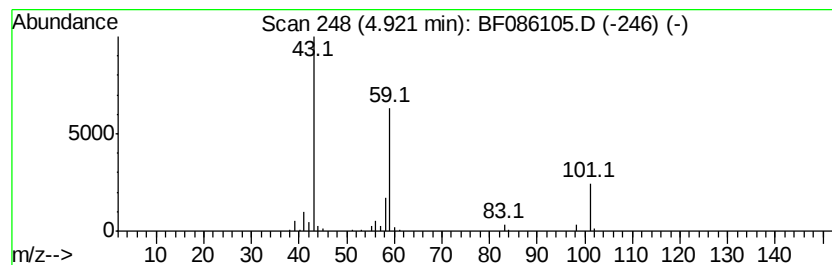
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.92	6.60 ng	307567	1,4-Dichlorobenzene-d4	6.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17
3		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
4		5-Hexen-2-one	98	C6H10O	000109-49-9	9
5		(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9



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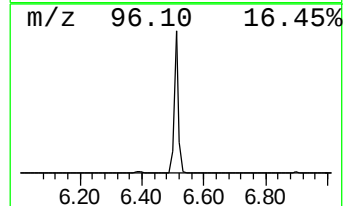
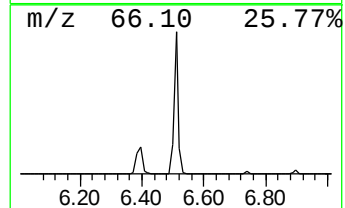
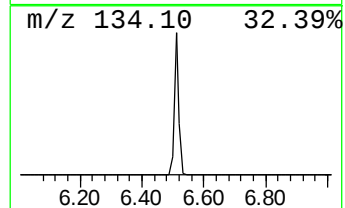
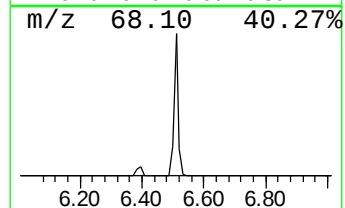
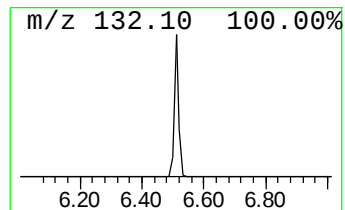
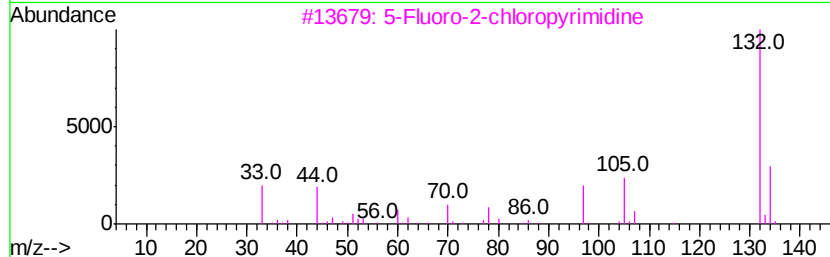
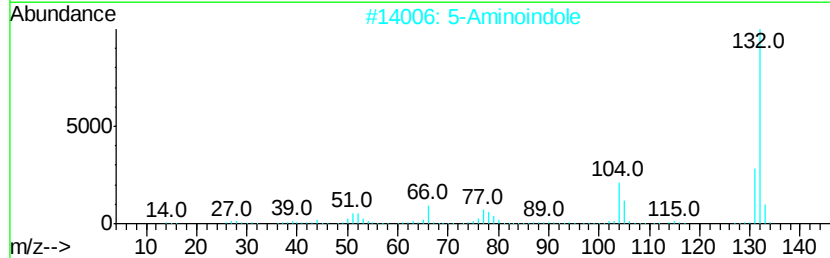
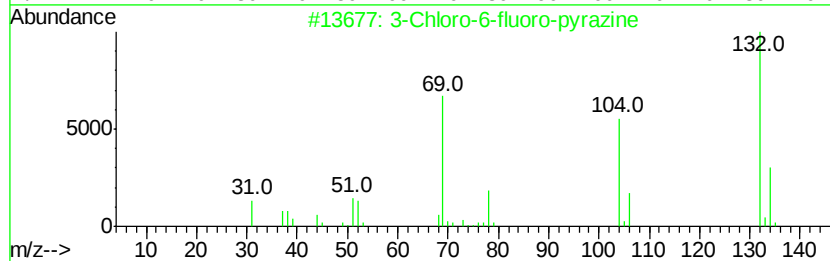
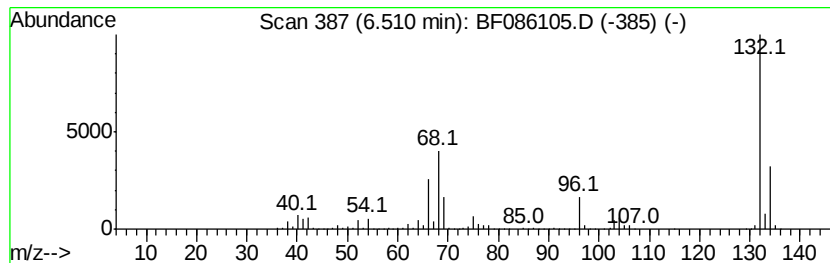
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown6.51 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	59.01 ng	2748750	1,4-Dichlorobenzene-d4	6.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	3	Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5	Aminoindole	132	C8H8N2	005192-03-0	12
3	5	Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
4	4	Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	4	Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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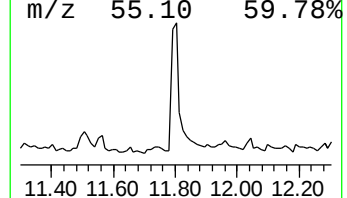
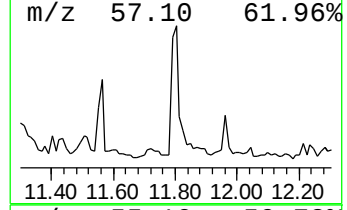
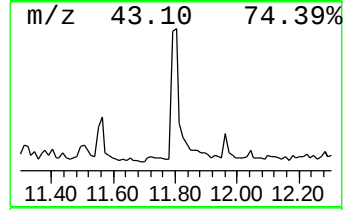
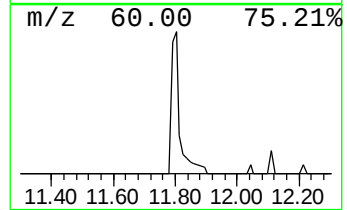
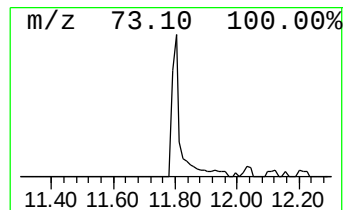
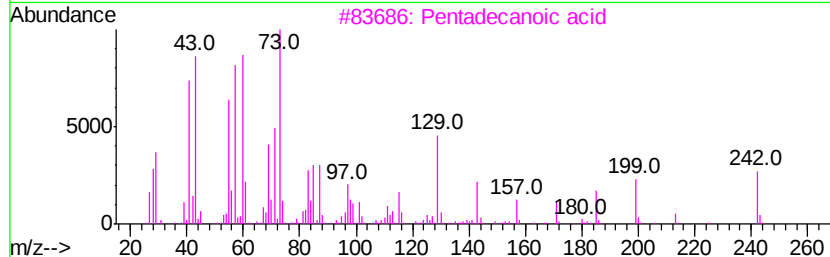
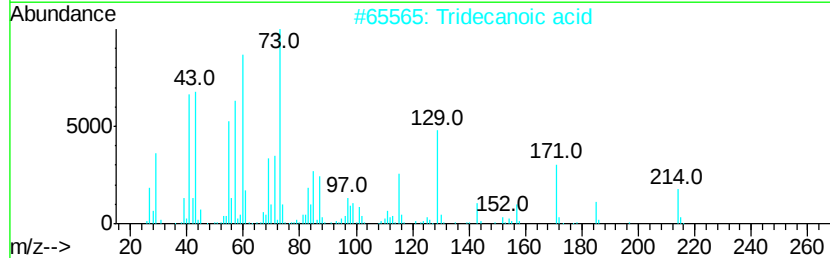
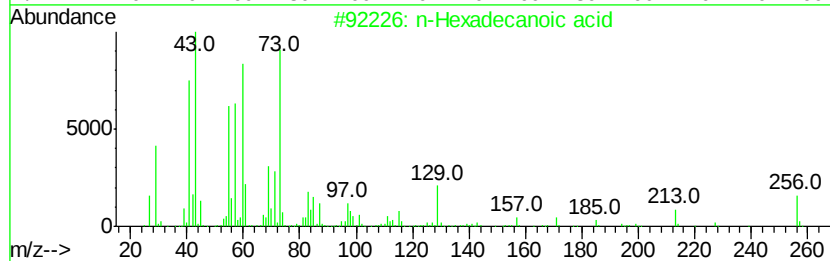
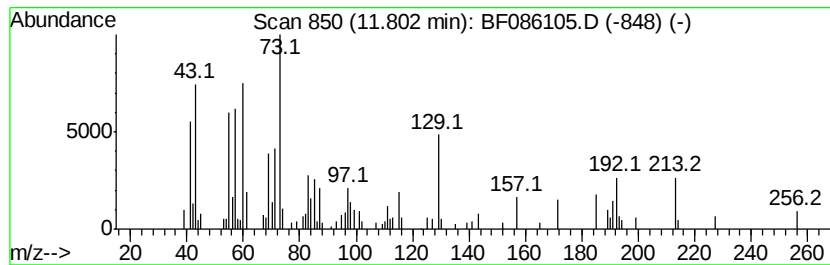
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.80	2.86 ng	183591	Phenanthrene-d10	11.26	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
2	Tridecanoic acid	214	C13H26O2	000638-53-9	70
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
4	Dodecane, 1,2-dibromo-	326	C12H24Br2	055334-42-4	11
5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	11



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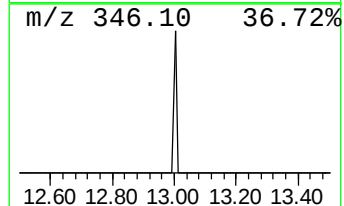
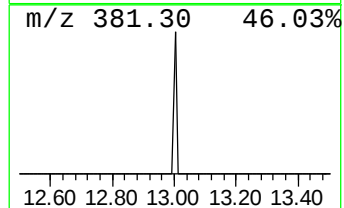
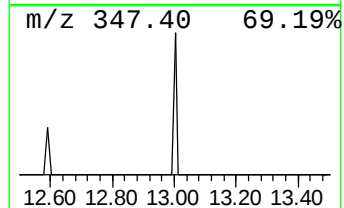
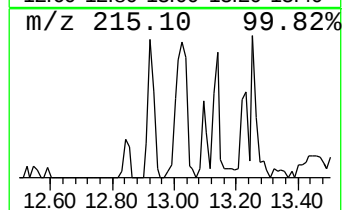
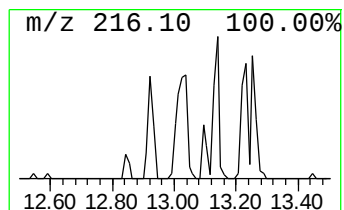
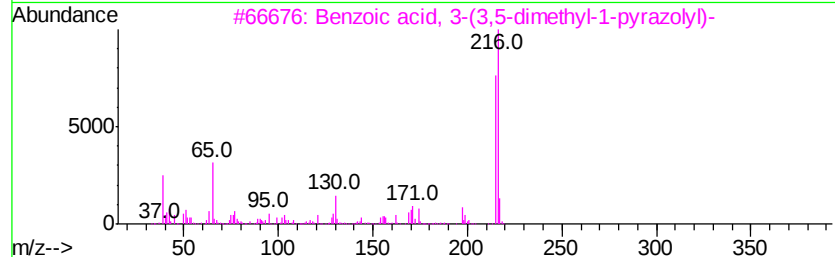
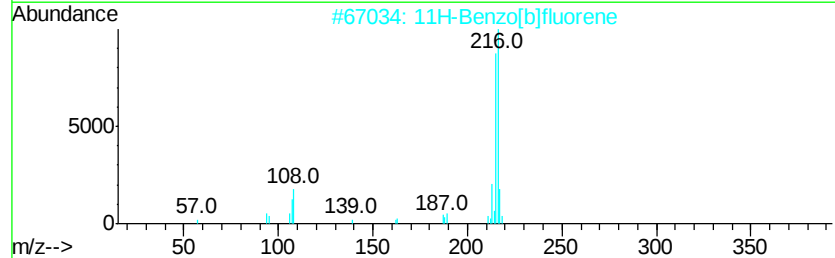
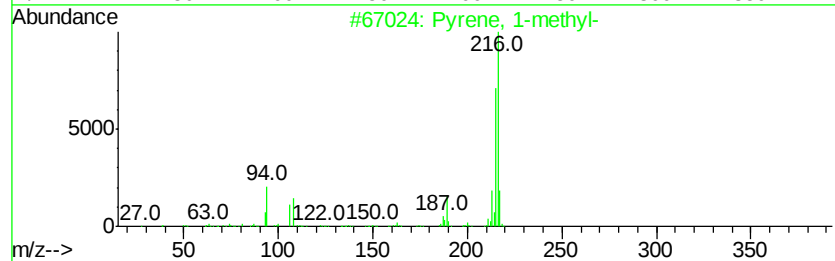
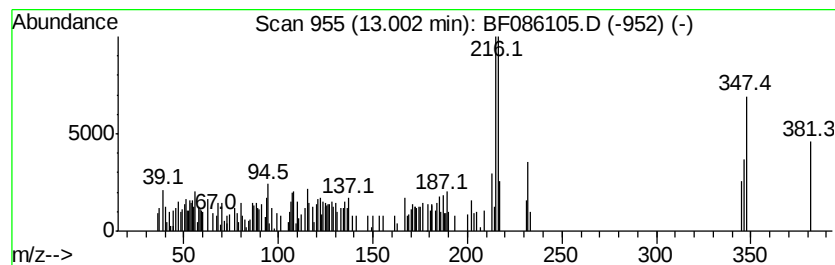
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 unknown13.00 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	2.28 ng	130885	Chrysene-d12	13.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	46
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	43
3		Benzoic acid, 3-(3,5-dimethyl-1-...	216	C12H12N2O2	312531-88-7	38
4		3-Pyridinamine, 6-chloro-N-(phen...	216	C12H9ClN2	005325-71-3	38
5		2-[3-Pyridyl]methylene-3-quinocl...	216	C13H16N2O	273748-56-4	38



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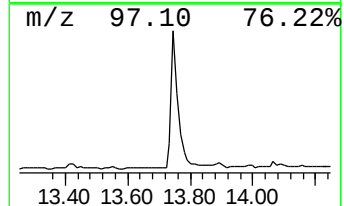
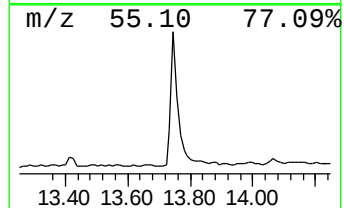
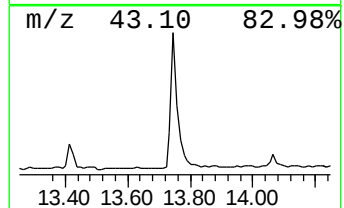
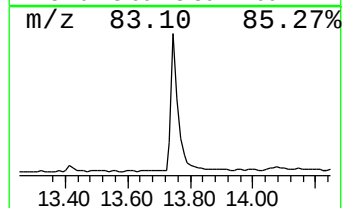
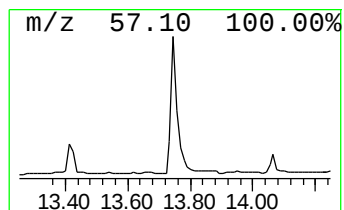
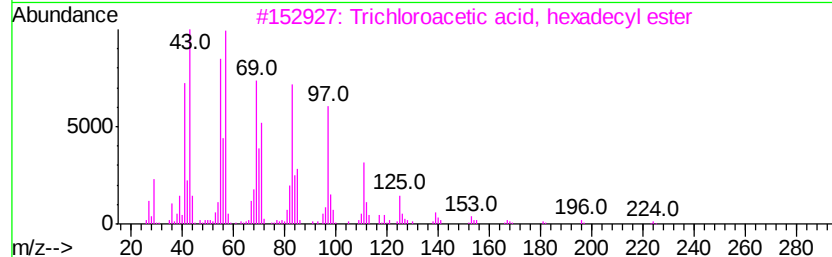
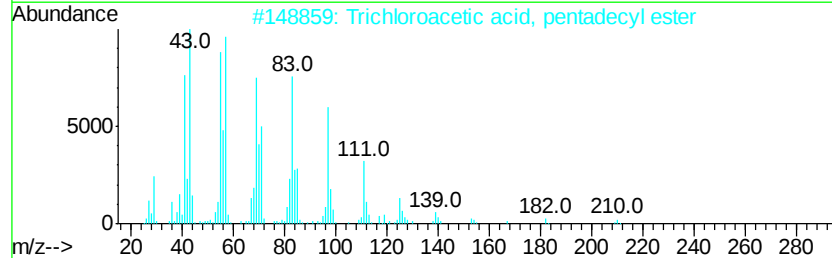
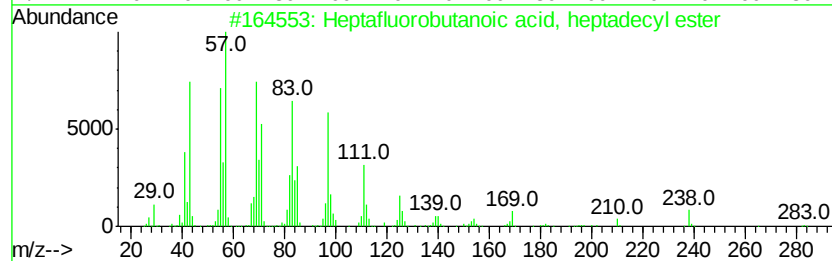
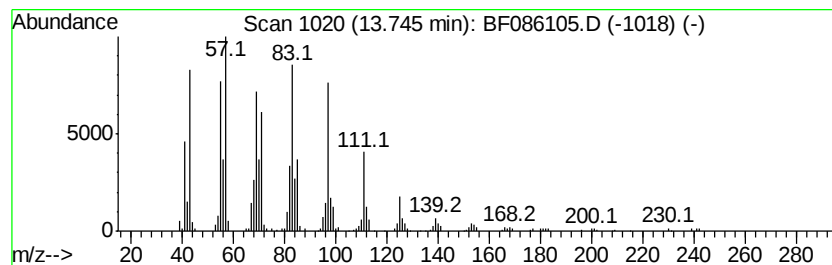
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heptafluorobutanoic acid, h... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	8.89 ng	511202	Chrysene-d12	13.89

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	94
2		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
3		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
4		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
5		17-Pentatriacontene	491	C35H70	006971-40-0	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF040616\
Data File : BF086105.D
Acq On : 6 Apr 2016 18:37
Operator : UM/SJ
Sample : H2254-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-15

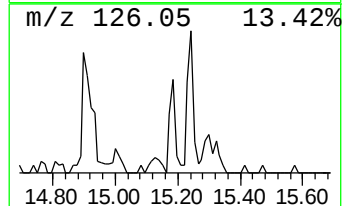
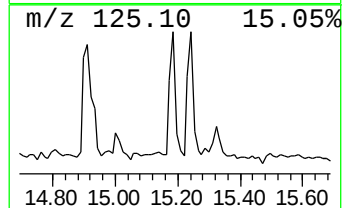
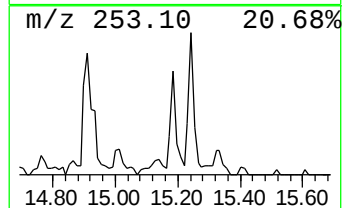
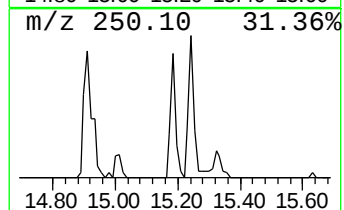
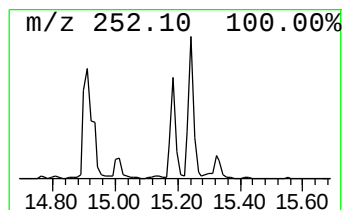
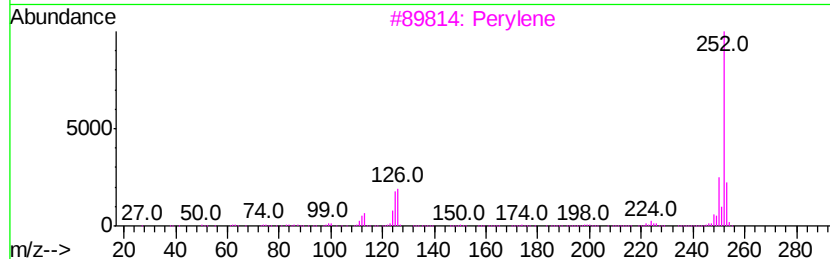
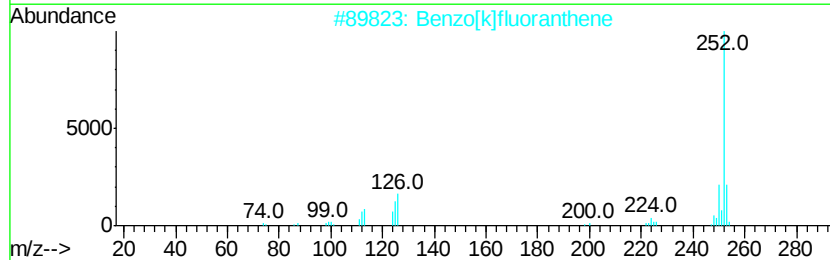
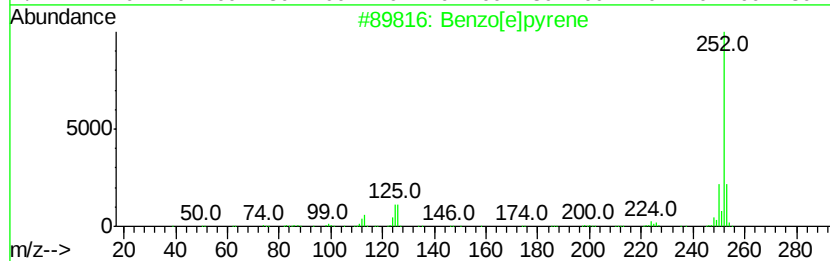
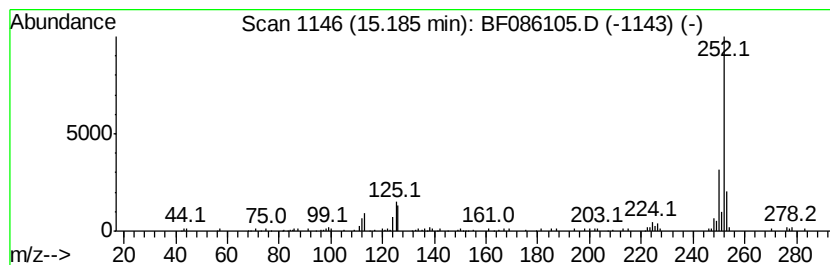
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzo[e]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	2.27 ng	107908	Perylene-d12	15.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3		Perylene	252	C20H12	000198-55-0	96
4		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	90
5		Benzo[j]fluoranthene	252	C20H12	000205-82-3	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040616\
Data File : BF086105.D
Acq On : 6 Apr 2016 18:37
Operator : UM/SJ
Sample : H2254-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.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...	4.92	6.6	ng	307567	1	6.74	931615	20.0
unknown6.51	6.51	59.0	ng	2748750	1	6.74	931615	20.0
n-Hexadecanoic acid	11.80	2.9	ng	183591	4	11.26	1285760	20.0
unknown13.00	13.00	2.3	ng	130885	5	13.89	1150050	20.0
Heptafluorobutano...	13.75	8.9	ng	511202	5	13.89	1150050	20.0
Benzo[e]pyrene	15.19	2.3	ng	107908	6	15.30	949048	20.0