

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
 Data File : BF091405.D
 Acq On : 2 Dec 2016 22:38
 Operator : UM/SJ
 Sample : H5802-07
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-06

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-BF112916.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	5.030	238	240	243	rBV	664173	825562	16.74%	1.004%
2	5.453	274	277	279	rBV	2795569	2593625	52.59%	3.154%
3	6.482	364	367	369	rBV	2207861	1981425	40.18%	2.410%
4	6.630	377	380	382	rBV	3104109	4293792	87.07%	5.222%
5	6.802	391	395	397	rBV5	37241	106469	2.16%	0.129%
6	6.859	397	400	402	rVV	1554799	1380936	28.00%	1.679%
7	6.927	404	406	407	rBV	62329	69795	1.42%	0.085%
8	6.984	410	411	412	rVV	88621	97469	1.98%	0.119%
9	7.019	412	414	415	rVV	3799592	3742863	75.90%	4.552%
10	7.042	415	416	418	rVB	142418	122601	2.49%	0.149%
11	7.099	418	421	422	rBV2	36667	67915	1.38%	0.083%
12	7.133	422	424	427	rVB	72553	109195	2.21%	0.133%
13	7.213	427	431	432	rBV4	46444	99730	2.02%	0.121%
14	7.259	432	435	436	rBV3	86563	110221	2.24%	0.134%
15	7.293	436	438	441	rVB4	58458	97614	1.98%	0.119%
16	7.419	446	449	451	rVB	2427933	2865851	58.11%	3.485%
17	7.465	451	453	455	rVB3	55246	88615	1.80%	0.108%
18	7.510	455	457	459	rVB2	187364	277422	5.63%	0.337%
19	7.579	459	463	465	rBV2	118753	324717	6.58%	0.395%
20	7.636	465	468	470	rBV2	192098	392247	7.95%	0.477%
21	7.670	470	471	473	rVB	259578	207988	4.22%	0.253%
22	7.705	473	474	475	rBV	92191	83087	1.68%	0.101%
23	7.750	475	478	480	rBV3	75113	117168	2.38%	0.142%
24	7.785	480	481	483	rBV2	236051	258653	5.25%	0.315%
25	7.830	483	485	486	rBV2	65348	77218	1.57%	0.094%
26	7.865	486	488	489	rBV	41391	66352	1.35%	0.081%
27	7.910	489	492	493	rBV2	84112	130085	2.64%	0.158%
28	7.967	495	497	500	rBV3	109494	162606	3.30%	0.198%
29	8.036	500	503	506	rBV2	167252	419583	8.51%	0.510%
30	8.139	509	512	515	rBV	1341252	2064175	41.86%	2.510%
31	8.219	516	519	520	rVB	837161	833901	16.91%	1.014%
32	8.242	520	521	525	rVB2	261466	432330	8.77%	0.526%
33	8.310	525	527	529	rBV2	171773	395137	8.01%	0.481%
34	8.356	529	531	532	rVB	296051	250149	5.07%	0.304%

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35	8.379	532	533	535	rVB2	84093	112234	2.28%	0.136%
36	8.436	535	538	540	rBV3	227076	424543	8.61%	0.516%
37	8.505	542	544	545	rBV2	114769	182025	3.69%	0.221%
38	8.539	545	547	548	rVB2	125450	158971	3.22%	0.193%
39	8.573	548	550	551	rBV	398390	556935	11.29%	0.677%
40	8.619	552	554	556	rVB	857434	919628	18.65%	1.118%
41	8.653	556	557	558	rBV	148643	158170	3.21%	0.192%
42	8.699	559	561	563	rVB2	220288	335867	6.81%	0.408%
43	8.813	565	571	572	rBV3	469243	932086	18.90%	1.134%
44	8.836	572	573	575	rVB	532803	661264	13.41%	0.804%
45	8.905	575	579	580	rBV4	253572	620235	12.58%	0.754%
46	8.950	580	583	589	rVB5	454210	1004204	20.36%	1.221%
47	9.065	591	593	594	rBV	299328	255189	5.17%	0.310%
48	9.145	598	600	601	rBV2	236233	228852	4.64%	0.278%
49	9.179	601	603	604	rVV	908710	764854	15.51%	0.930%
50	9.225	604	607	609	rVB	5112403	4931391	100.00%	5.997%
51	9.305	612	614	617	rBV3	693603	1415189	28.70%	1.721%
52	9.373	617	620	623	rVV3	394629	1171839	23.76%	1.425%
53	9.430	623	625	626	rVB2	325667	365558	7.41%	0.445%
54	9.636	640	643	644	rVB2	1744071	2584587	52.41%	3.143%
55	9.670	644	646	649	rVB3	368294	666534	13.52%	0.811%
56	9.762	652	654	657	rBV4	665898	1279830	25.95%	1.556%
57	9.819	657	659	660	rVB	1275013	1123887	22.79%	1.367%
58	9.899	660	666	668	rBV2	2097012	3286545	66.65%	3.997%
59	9.945	668	670	672	rBV3	313447	626820	12.71%	0.762%
60	10.013	675	676	678	rVB	465544	426361	8.65%	0.519%
61	10.105	682	684	686	rVV2	680048	690633	14.00%	0.840%
62	10.173	688	690	692	rVB2	609458	758546	15.38%	0.923%
63	10.219	692	694	698	rBV3	551945	1175552	23.84%	1.430%
64	10.311	700	702	705	rVB3	516711	1081781	21.94%	1.316%
65	10.368	705	707	708	rBV	377673	512396	10.39%	0.623%
66	10.471	712	716	717	rBV4	496810	1048258	21.26%	1.275%
67	10.516	718	720	721	rVV2	722922	842041	17.08%	1.024%
68	10.562	723	724	726	rVV	1172425	1132890	22.97%	1.378%
69	10.653	730	732	733	rBV	906859	1078833	21.88%	1.312%
70	10.699	733	736	737	rVV3	2382646	3651228	74.04%	4.441%
71	10.733	737	739	742	rVB2	402513	774029	15.70%	0.941%

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72	10.791	742	744	745 rBV	365708	481680	9.77%	0.586%
73	10.825	745	747	750 rVV2	1027523	1764960	35.79%	2.146%
74	10.893	751	753	754 rBV2	416790	376195	7.63%	0.458%
75	11.031	763	765	768 rBV3	576993	1036967	21.03%	1.261%
76	11.145	773	775	778 rBV4	370484	739922	15.00%	0.900%
77	11.293	786	788	791 rVB3	979202	1342870	27.23%	1.633%
78	11.351	791	793	794 rBV	402660	539389	10.94%	0.656%
79	11.385	794	796	800 rVV	1528220	2103780	42.66%	2.559%
80	11.499	804	806	812 rBV5	370512	1079554	21.89%	1.313%
81	11.716	823	825	826 rBV2	440572	477050	9.67%	0.580%
82	11.934	842	844	845 rVB2	588641	485189	9.84%	0.590%
83	12.334	878	879	881 rVB2	393652	393394	7.98%	0.478%
84	12.448	887	889	890 rBV	345173	357789	7.26%	0.435%
85	12.711	910	912	915 rVB	614158	621609	12.61%	0.756%
86	12.882	926	927	929 rVB2	251202	277974	5.64%	0.338%
87	12.974	933	935	939 rVB	4346685	4261338	86.41%	5.183%
88	13.865	1012	1013	1019 rVB3	150495	243342	4.93%	0.296%
89	14.014	1024	1026	1029 rVB	1292645	1352937	27.44%	1.645%
90	15.442	1148	1151	1154 rBV	811179	1203114	24.40%	1.463%

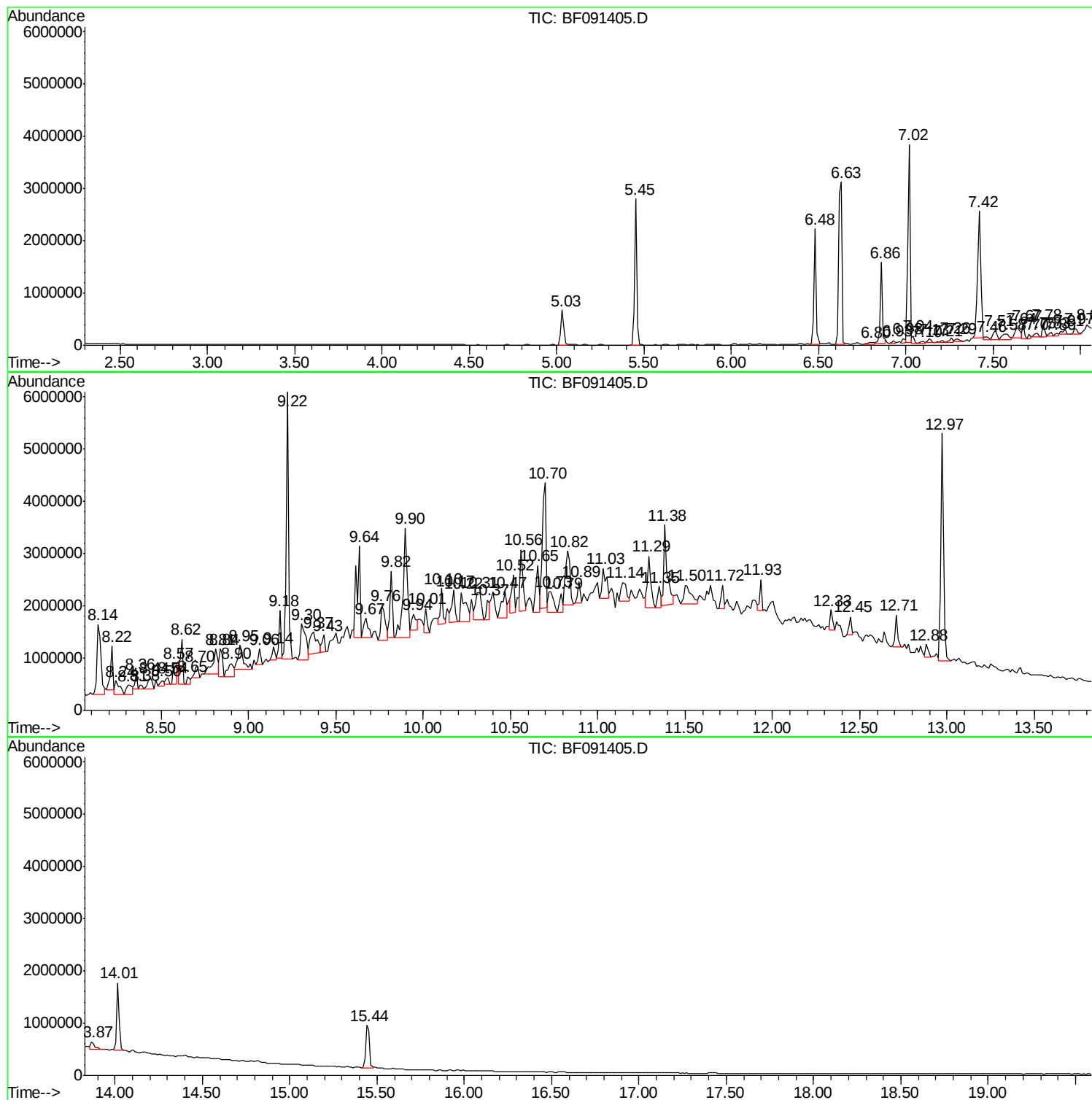
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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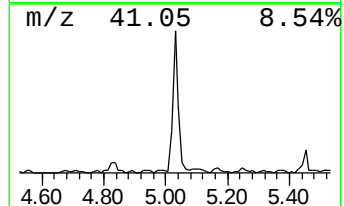
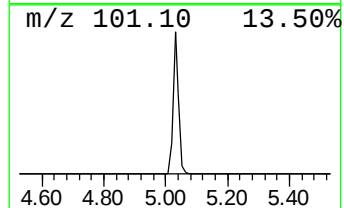
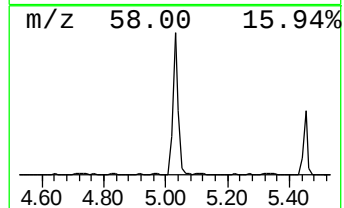
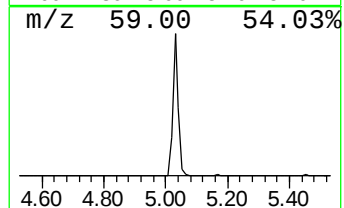
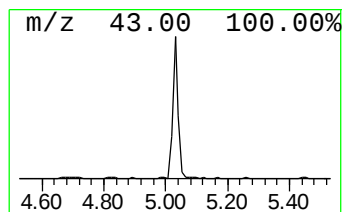
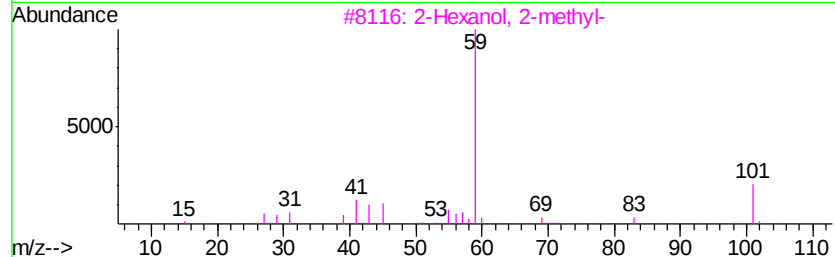
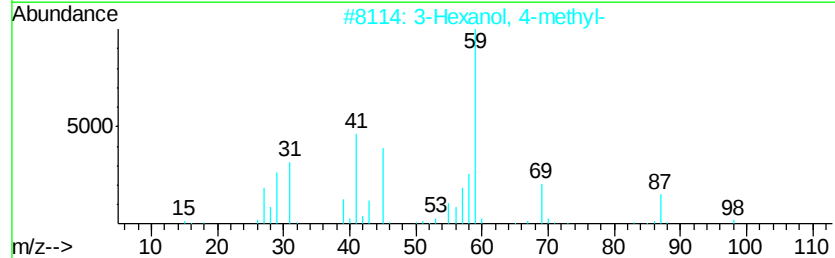
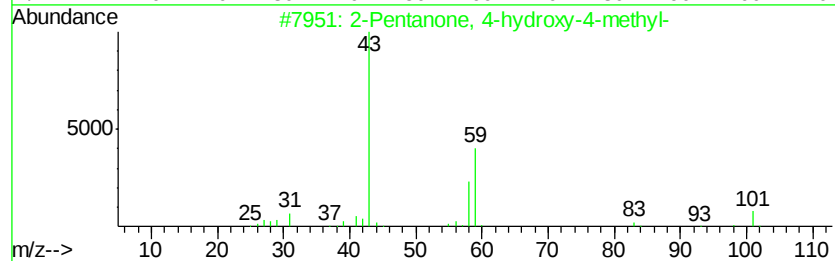
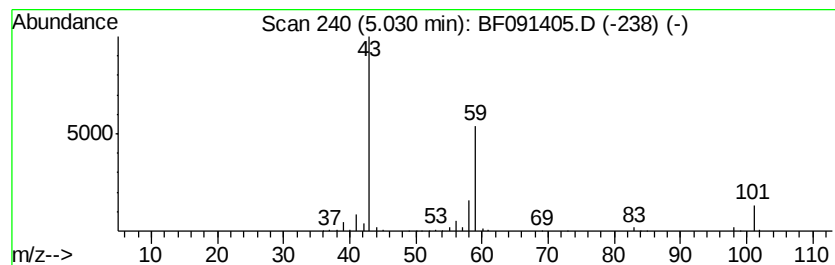
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.03	11.96 ng	825562	1,4-Dichlorobenzene-d4	6.86

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5			1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10



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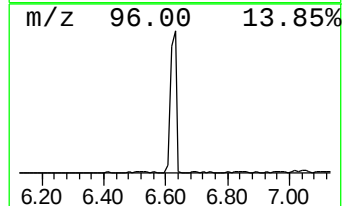
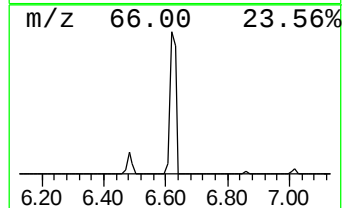
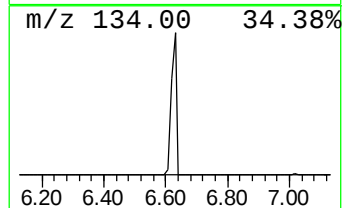
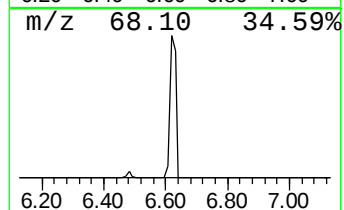
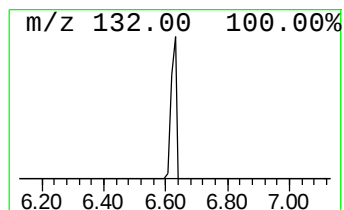
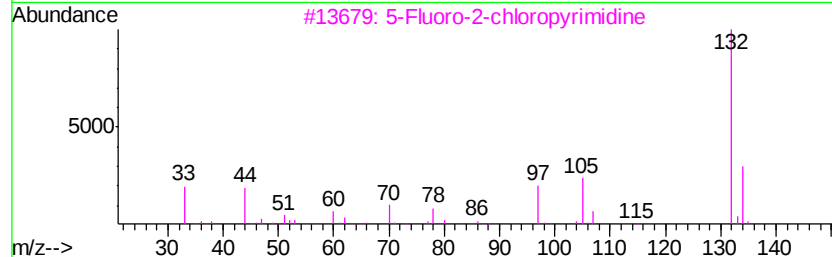
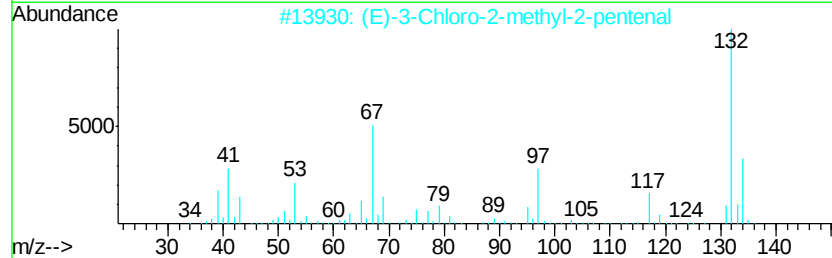
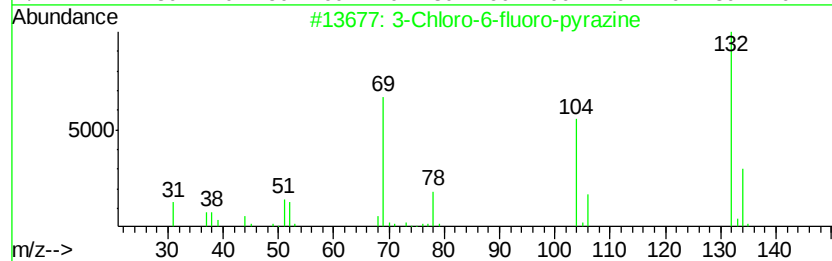
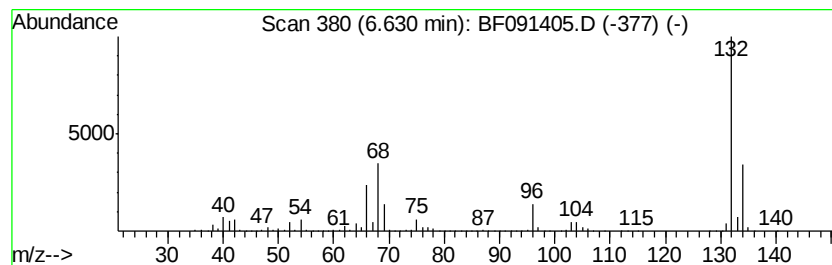
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.63 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	62.19 ng	4293790	1,4-Dichlorobenzene-d4	6.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
4		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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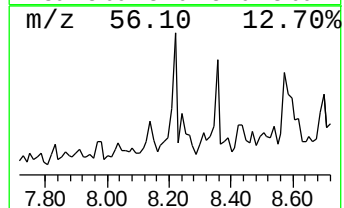
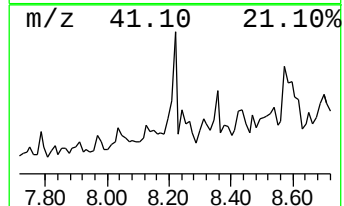
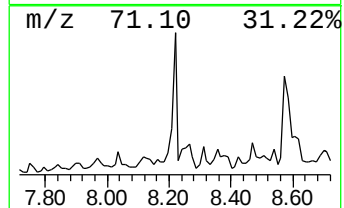
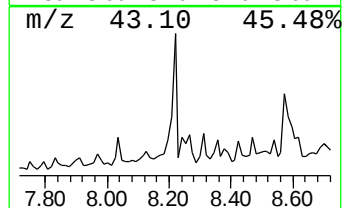
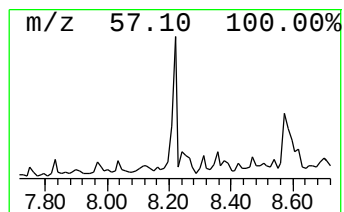
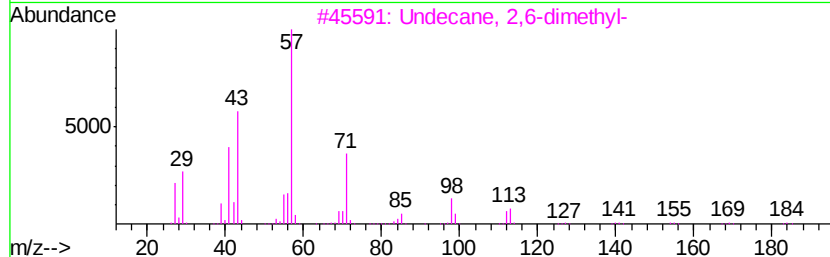
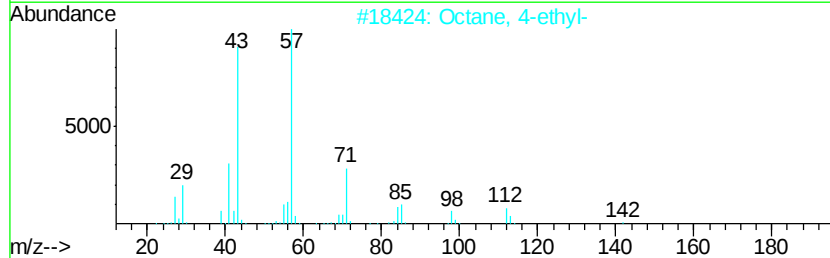
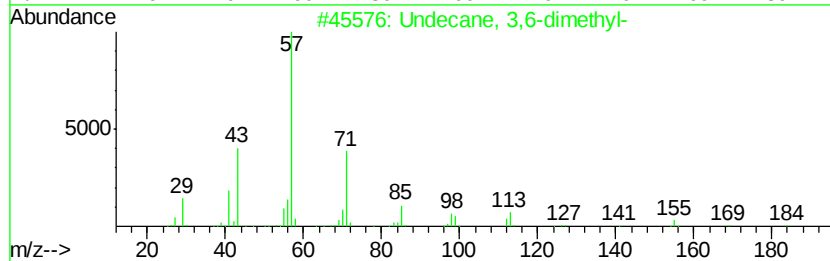
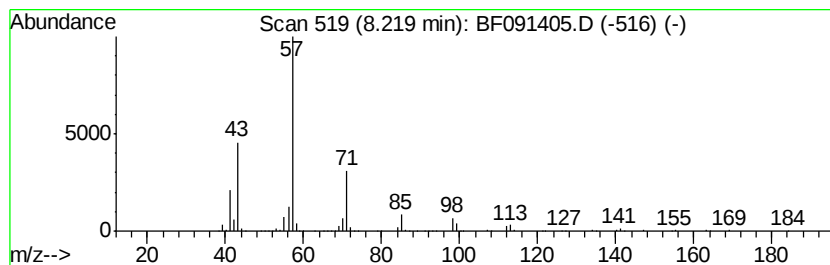
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Undecane, 3,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.22	8.08 ng	833901	Naphthalene-d8	8.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	78
2		Octane, 4-ethyl-	142	C10H22	015869-86-0	72
3		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	64
4		Nonane, 4-methyl-	142	C10H22	017301-94-9	64
5		Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	56



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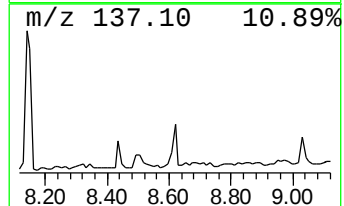
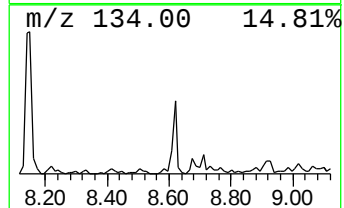
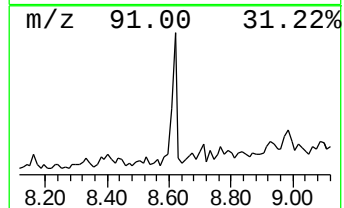
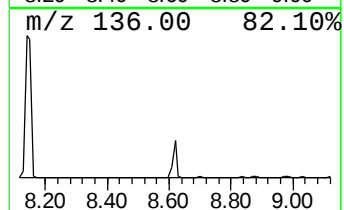
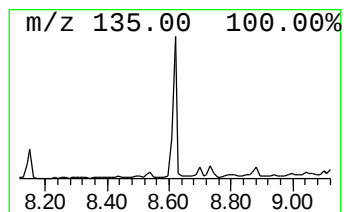
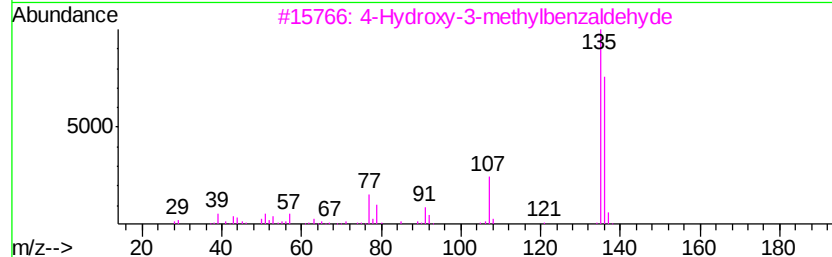
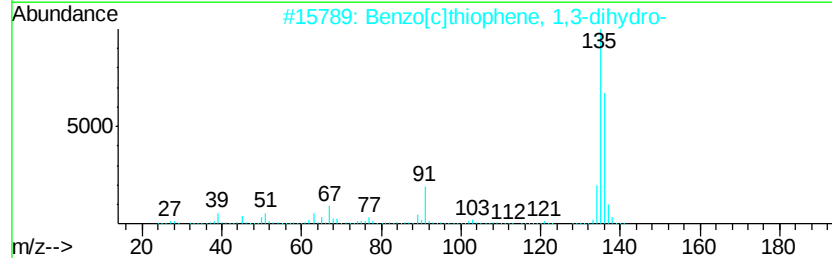
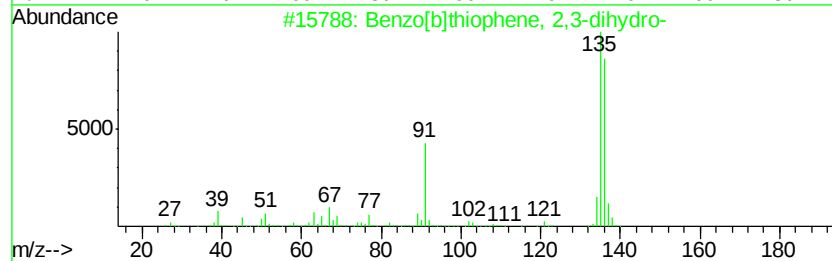
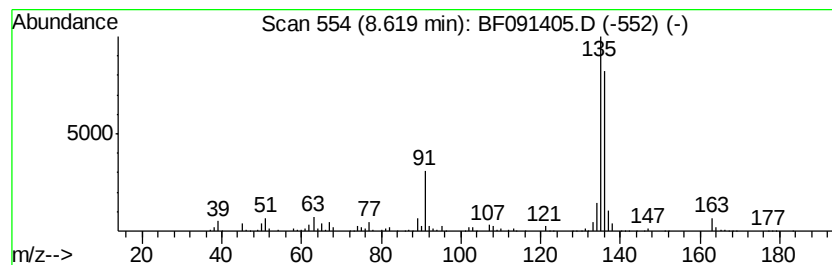
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzo[b]thiophene, 2,3-dihydro... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.62	8.91 ng	919628	Napthalene-d8	8.14

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[b]thiophene, 2,3-dihydro-	136	C8H8S	004565-32-6	93
2		Benzo[c]thiophene, 1,3-dihydro-	136	C8H8S	002471-92-3	90
3		4-Hydroxy-3-methylbenzaldehyde	136	C8H8O2	015174-69-3	80
4		2-Hydroxy-4-methylbenzaldehyde	136	C8H8O2	000698-27-1	72
5		4-Methoxybenzoic acid, [1-(2,4,6...	318	C14H14N4O5	1000276-77-1	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
Data File : BF091405.D
Acq On : 2 Dec 2016 22:38
Operator : UM/SJ
Sample : H5802-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

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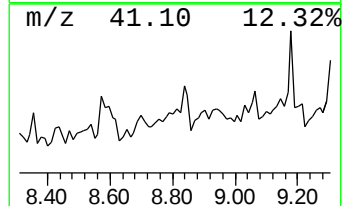
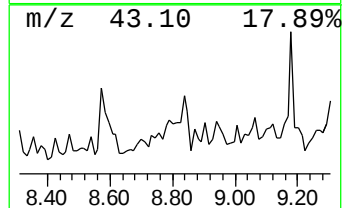
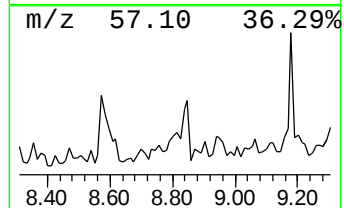
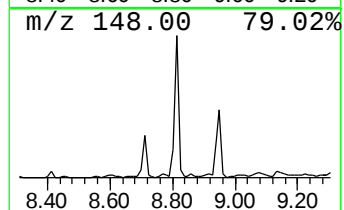
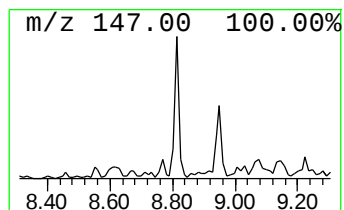
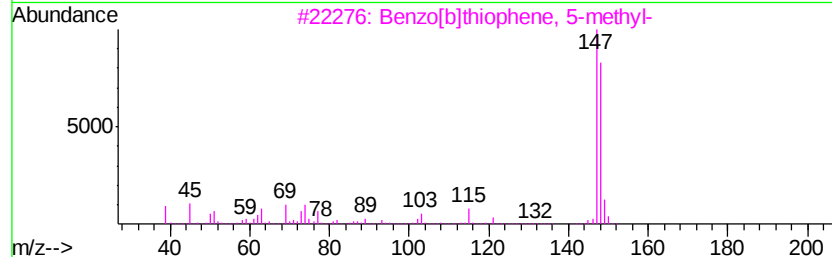
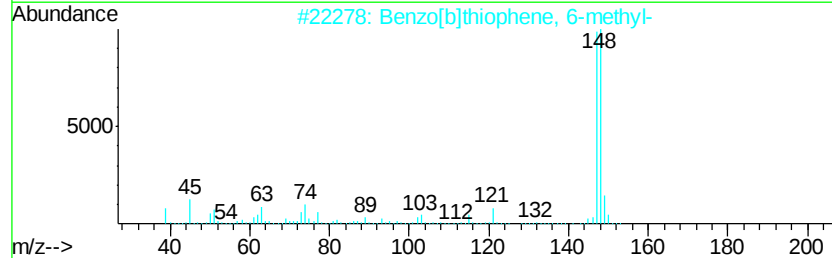
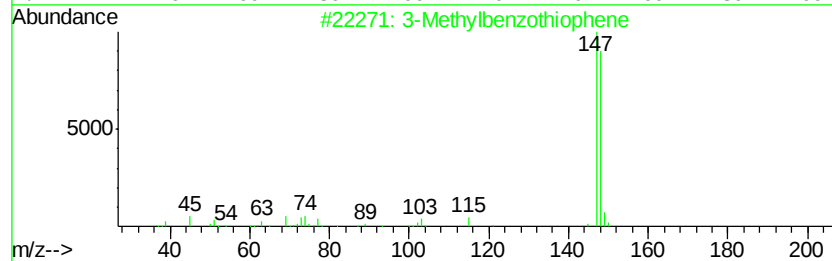
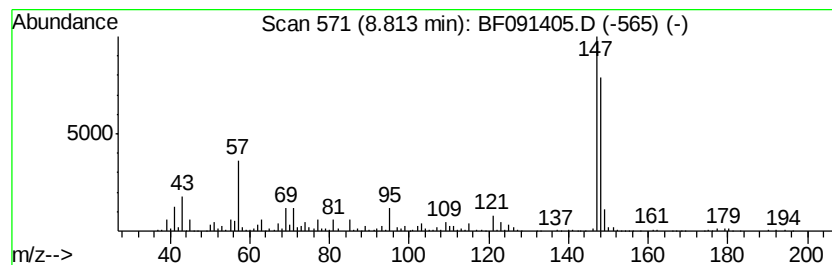
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 3-Methylbenzothiophene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.81	9.03 ng	932086	Napthalene-d8	8.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Methylbenzothiophene	148	C9H8S	001455-18-1	81
2		Benzo[b]thiophene, 6-methyl-	148	C9H8S	016587-47-6	80
3		Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	72
4		Pyridine, 4-(1-pyrrolidiny)-	148	C9H12N2	002456-81-7	72
5		Benzene, 1-ethynyl-2-(methylthio)-	148	C9H8S	078905-08-5	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
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Misc :
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Instrument :
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ClientSampleId :
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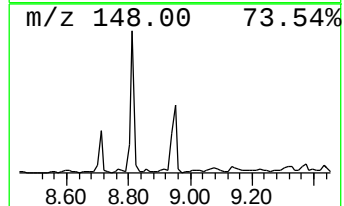
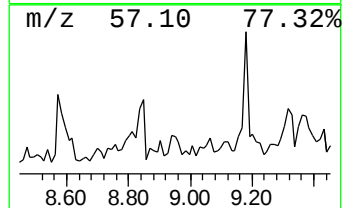
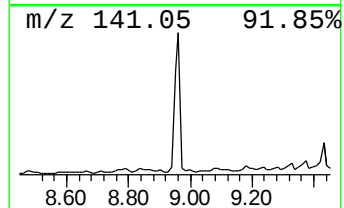
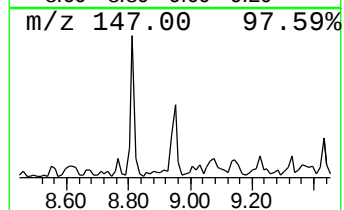
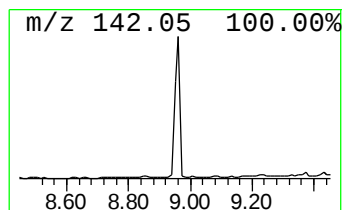
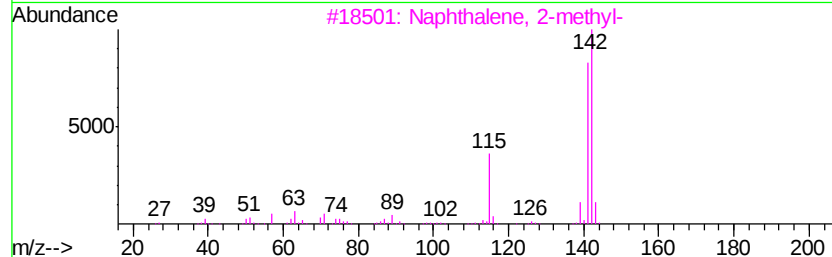
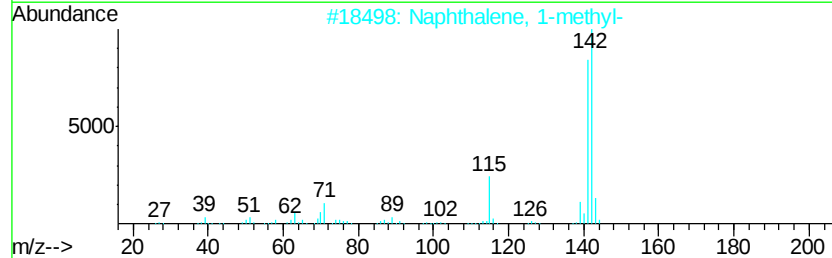
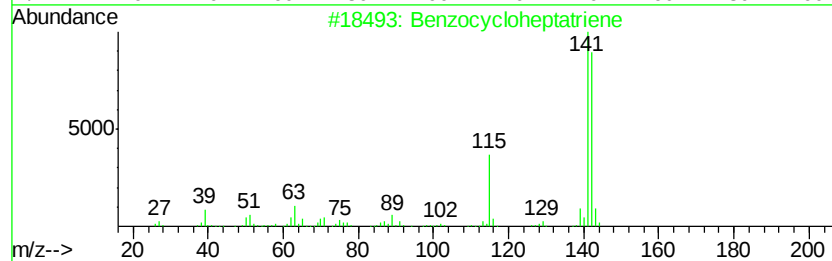
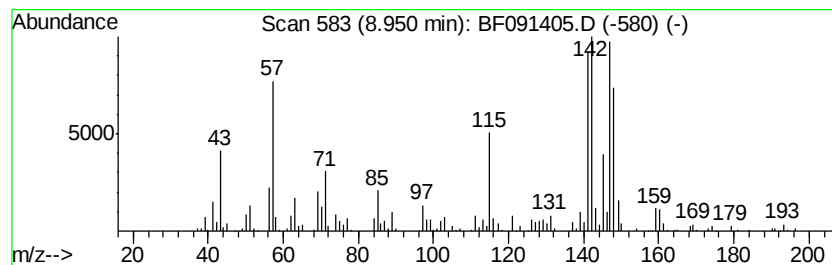
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzocycloheptatriene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.95	9.73 ng	1004200	Naphthalene-d8	8.14

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzocycloheptatriene	142	C11H10	000264-09-5	84
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	84
3		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	46
4		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	46
5		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	42



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
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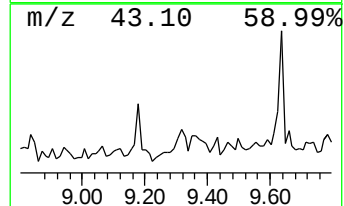
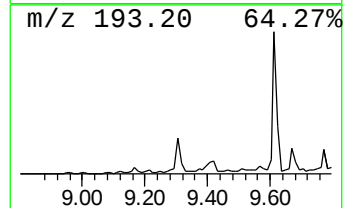
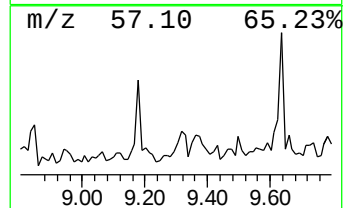
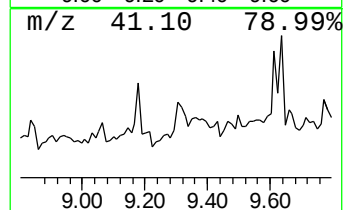
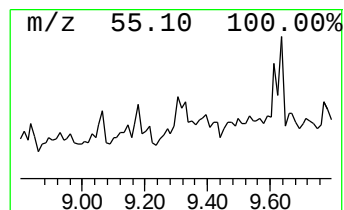
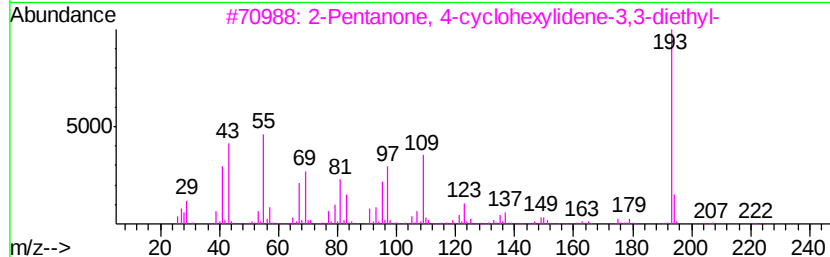
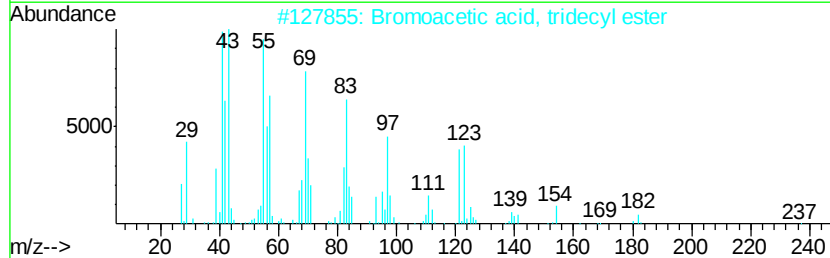
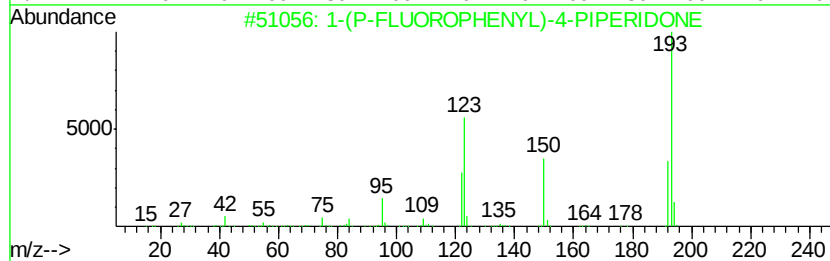
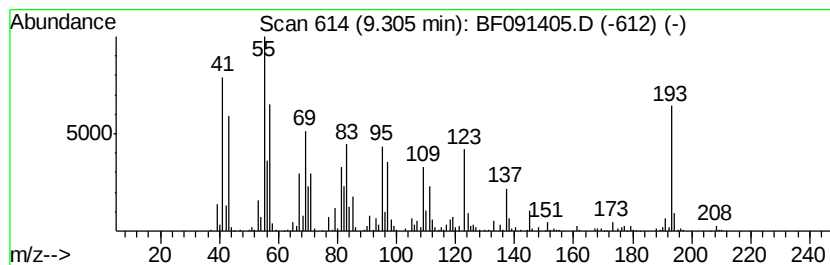
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown9.30 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.30	8.61 ng	1415190	Acenaphthene-d10	9.90	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(P-FLUOROPHENYL)-4-PIPERIDONE	193	C11H12FNO	1000238-56-7	35
2	Bromoacetic acid, tridecyl ester	320	C15H29BrO2	1000281-85-0	22
3	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	22
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	18
5	2-Anthracenamine	193	C14H11N	000613-13-8	11



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
Data File : BF091405.D
Acq On : 2 Dec 2016 22:38
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Instrument :
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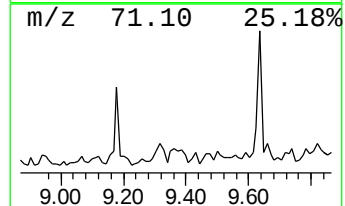
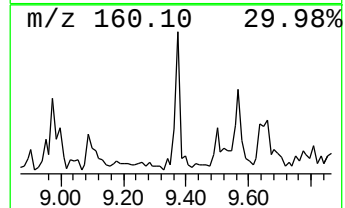
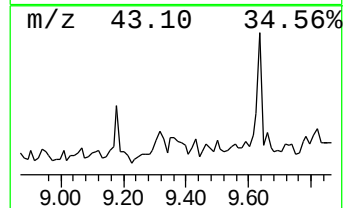
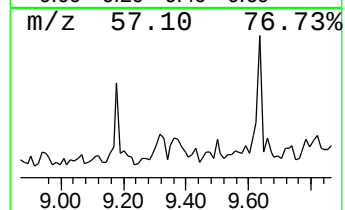
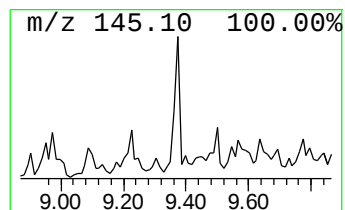
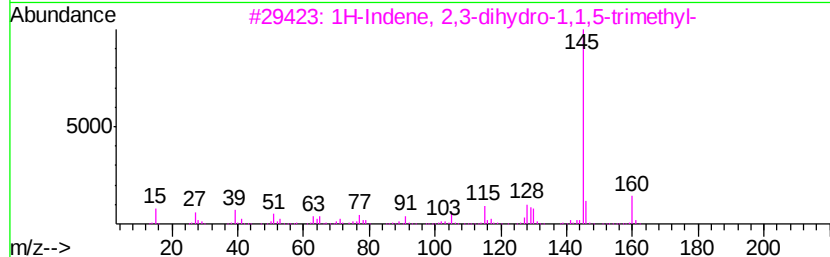
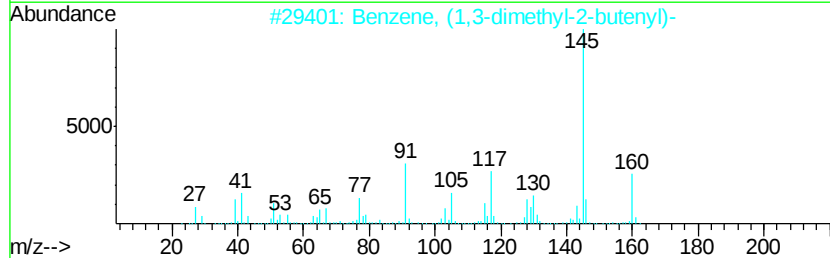
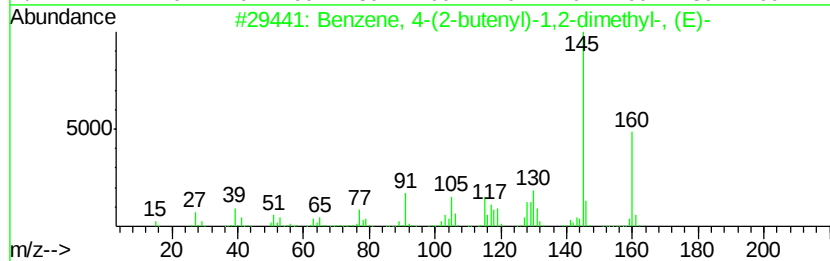
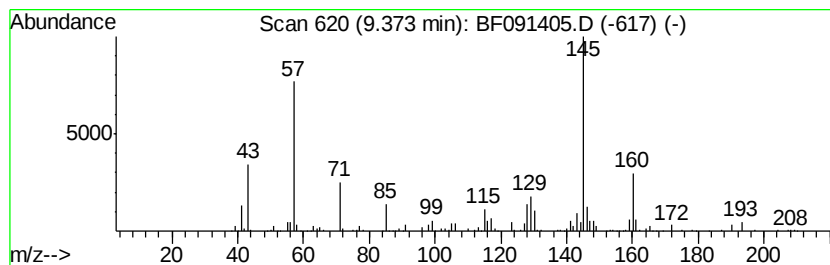
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzene, 4-(2-butenyl)-1,2-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.37	7.13 ng	1171840	Acenaphthene-d10	9.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	70
2		Benzene, (1,3-dimethyl-2-butenyl)-	160	C12H16	050704-01-3	70
3		1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	70
4		Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	70
5		Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	70



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
Data File : BF091405.D
Acq On : 2 Dec 2016 22:38
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ALS Vial : 20 Sample Multiplier: 1

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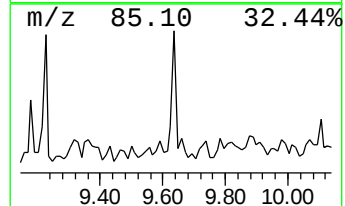
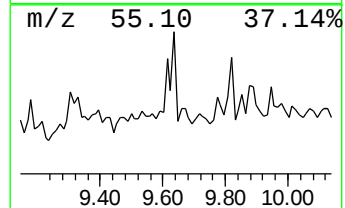
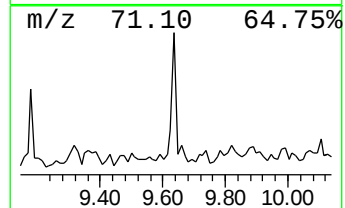
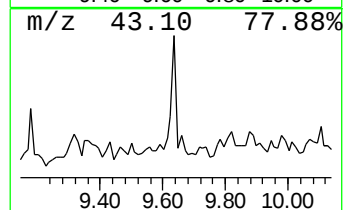
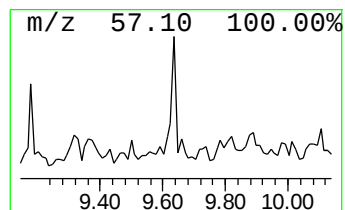
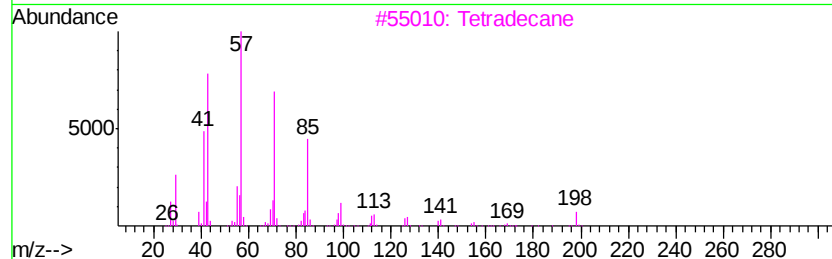
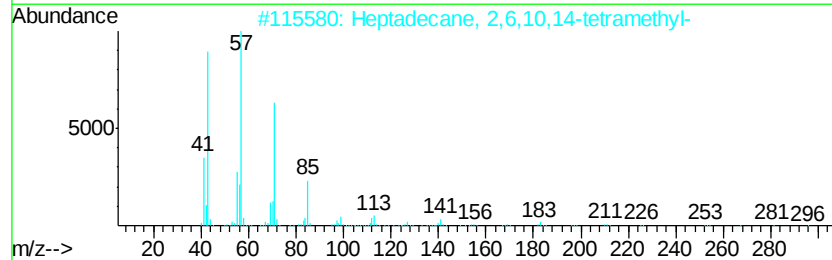
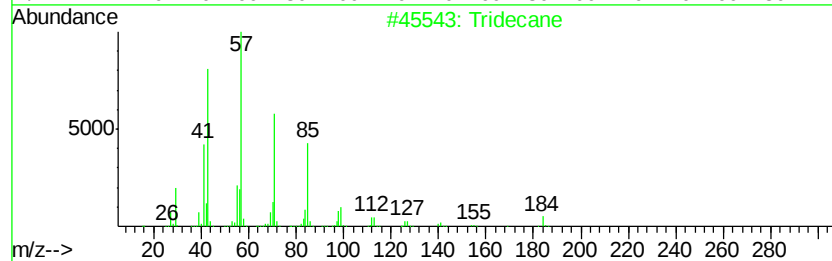
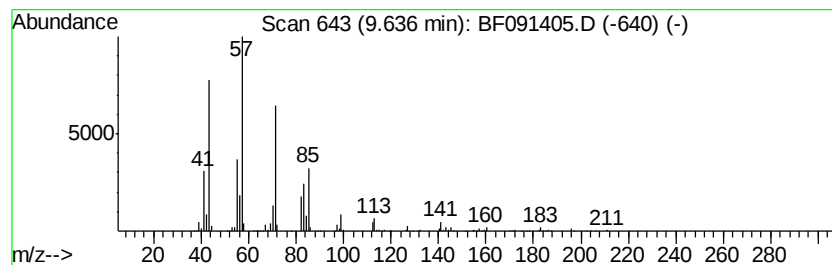
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tridecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.64	15.73 ng	2584590	Acenaphthene-d10	9.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	72
2		Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	72
3		Tetradecane	198	C14H30	000629-59-4	72
4		Tetratetracontane	619	C44H90	007098-22-8	72
5		Hexatriacontane	507	C36H74	000630-06-8	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
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Misc :
ALS Vial : 20 Sample Multiplier: 1

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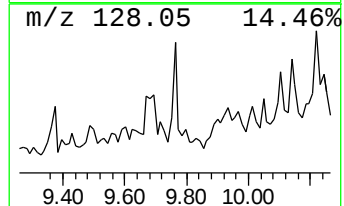
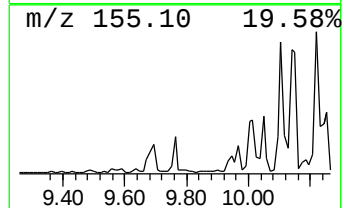
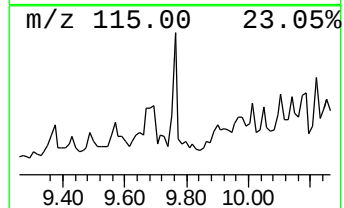
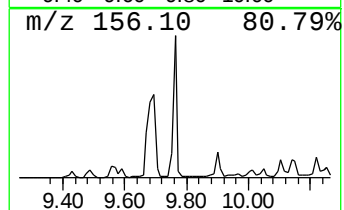
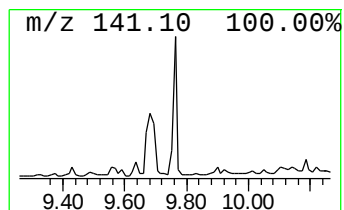
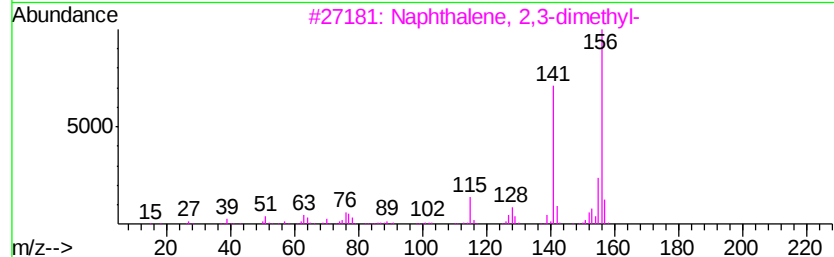
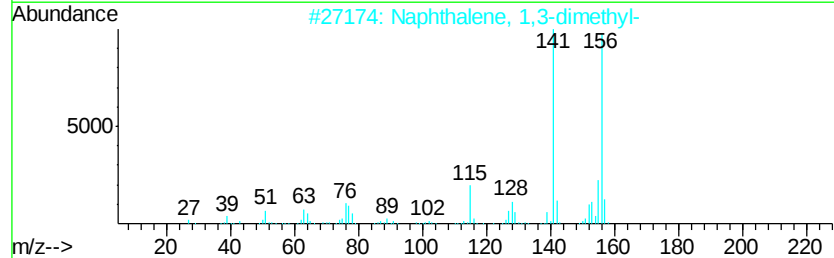
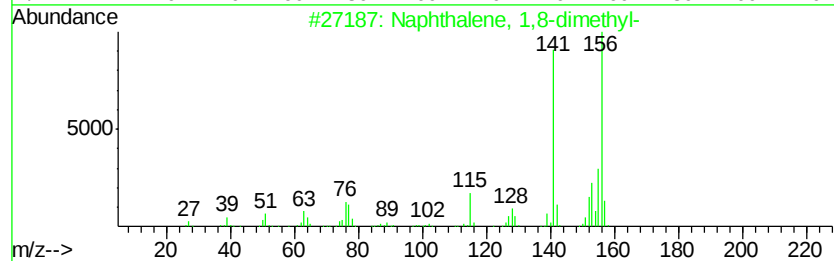
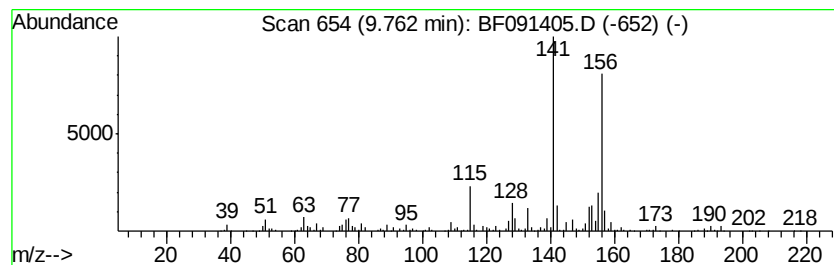
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Naphthalene, 1,8-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.76	7.79 ng	1279830	Acenaphthene-d10	9.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	94
2			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94
3			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94
4			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	93
5			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
Data File : BF091405.D
Acq On : 2 Dec 2016 22:38
Operator : UM/SJ
Sample : H5802-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

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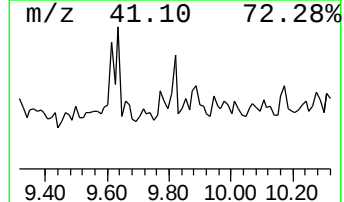
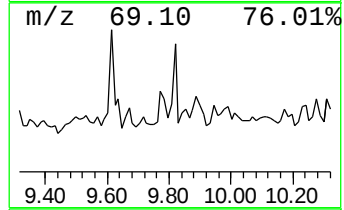
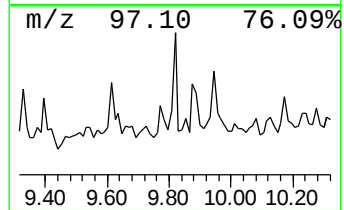
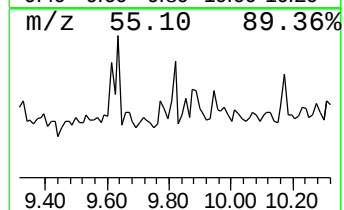
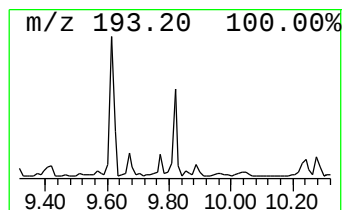
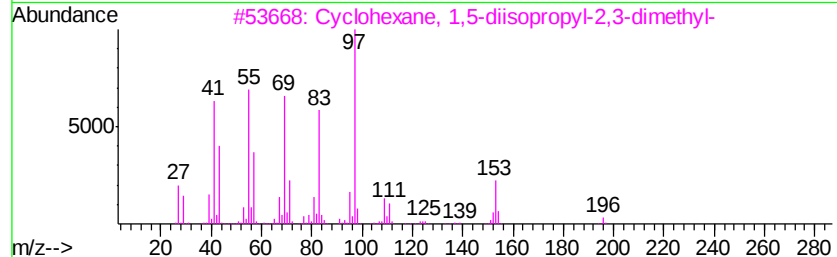
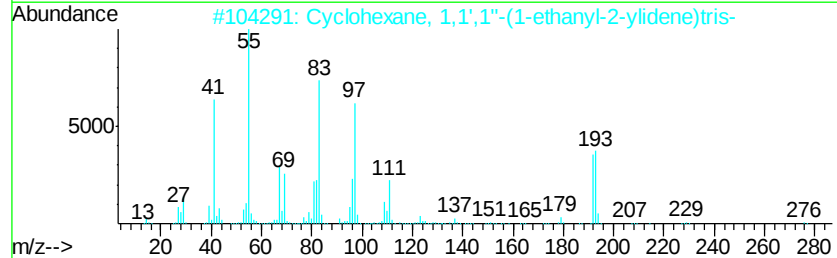
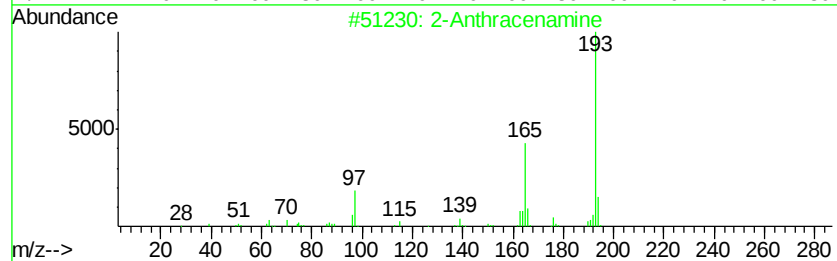
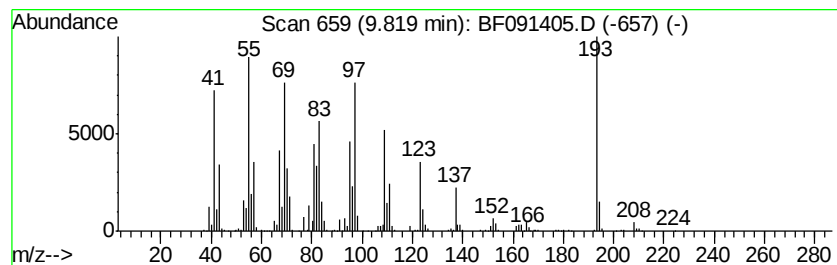
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown9.82 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	6.84 ng	1123890	Acenaphthene-d10	9.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Anthracenamine	193	C14H11N	000613-13-8	38
2			Cyclohexane, 1,1',1''-(1-ethanyl...	276	C20H36	055682-86-5	35
3			Cyclohexane, 1,5-diisopropyl-2,3...	196	C14H28	1000149-58-8	35
4			2,4-Dimethyl-1,5-diazabicyclo[3...	112	C6H12N2	1000283-20-9	30
5			Oxiranecarboxaldehyde, 3-methyl-...	168	C10H16O2	016996-12-6	18



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
Data File : BF091405.D
Acq On : 2 Dec 2016 22:38
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Sample : H5802-07
Misc :
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Instrument :
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ClientSampleId :
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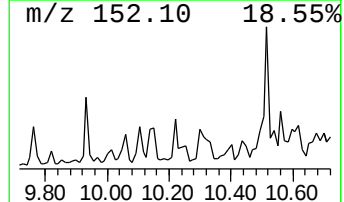
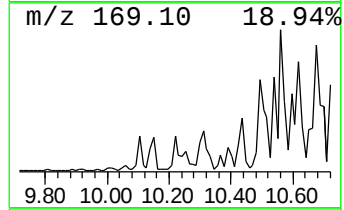
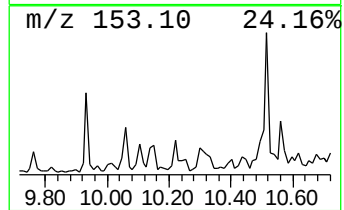
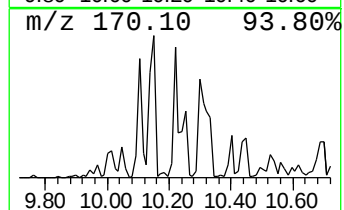
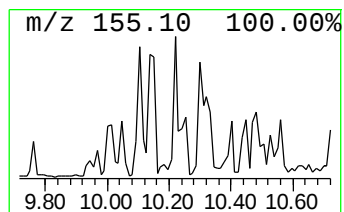
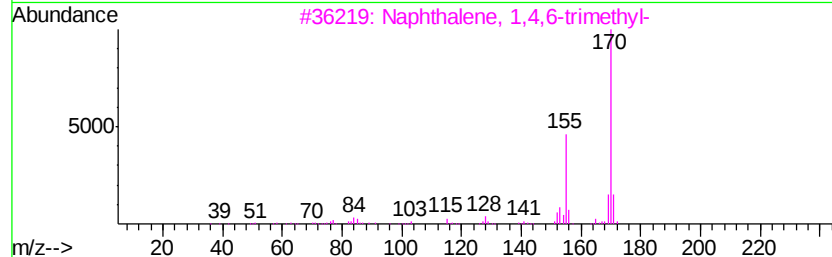
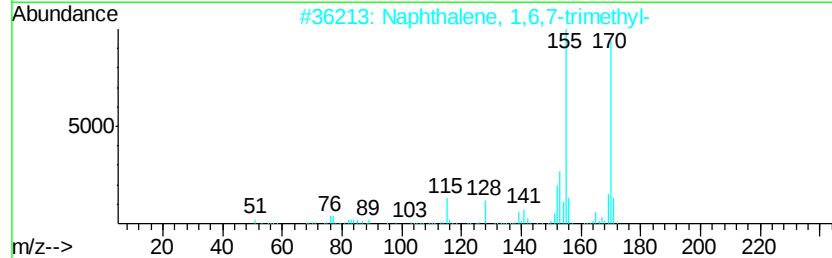
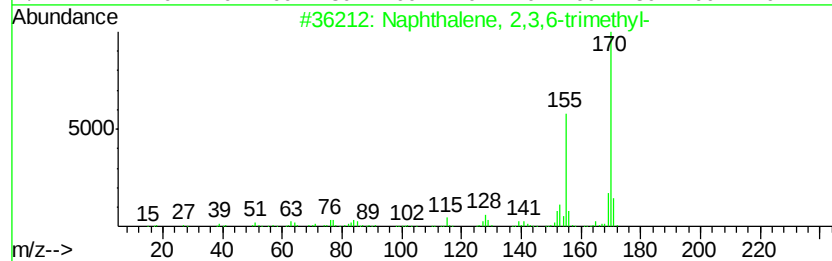
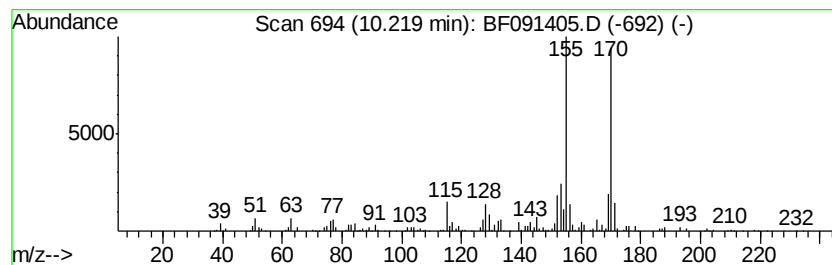
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 2,3,6-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.22	7.15 ng	1175550	Acenaphthene-d10	9.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
3			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
4			Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	94
5			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	94



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
Data File : BF091405.D
Acq On : 2 Dec 2016 22:38
Operator : UM/SJ
Sample : H5802-07
Misc :
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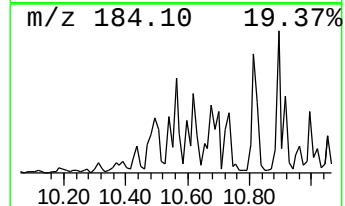
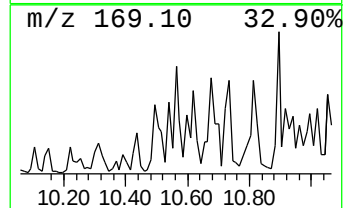
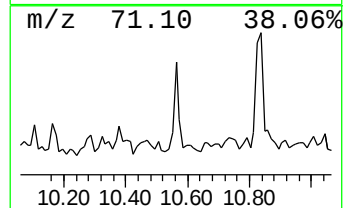
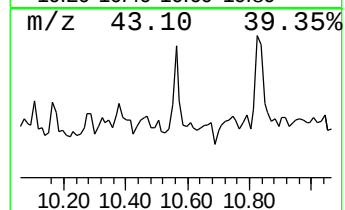
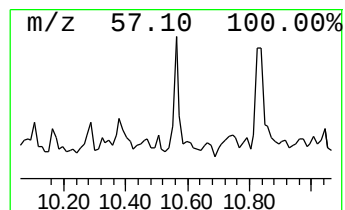
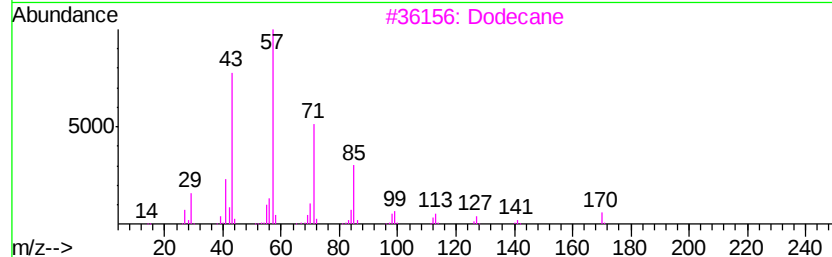
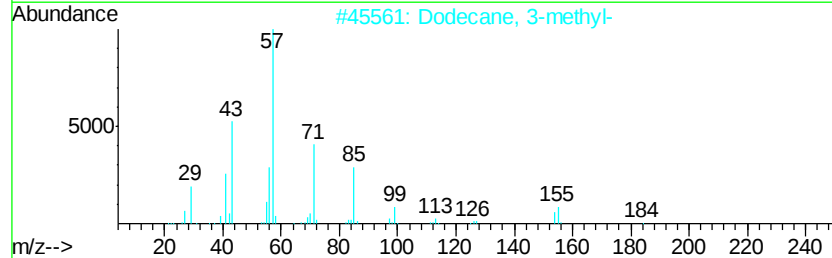
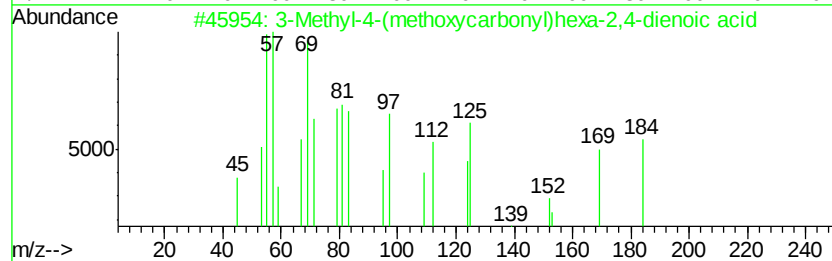
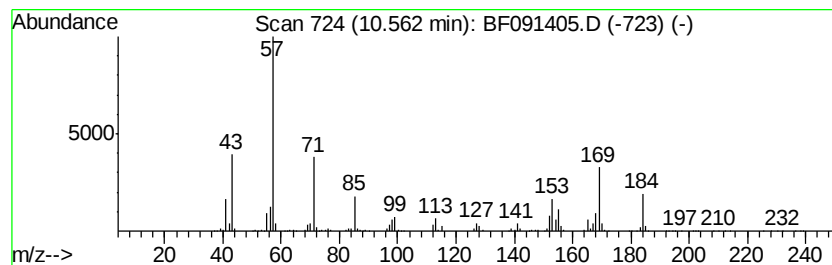
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 3-Methyl-4-(methoxycarbonyl... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.		
10.56	6.89 ng	1132890	Acenaphthene-d10		9.90		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1000104-10-8	50		
2	Dodecane, 3-methyl-	184	C13H28	017312-57-1	38		
3	Dodecane	170	C12H26	000112-40-3	38		
4	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	35		
5	Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	35		



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
Data File : BF091405.D
Acq On : 2 Dec 2016 22:38
Operator : UM/SJ
Sample : H5802-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

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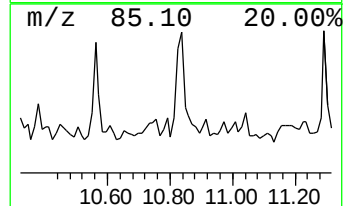
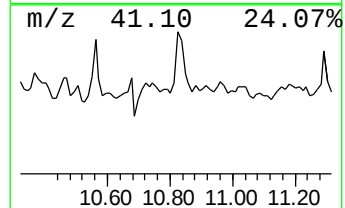
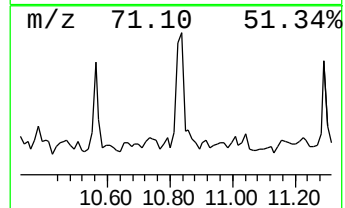
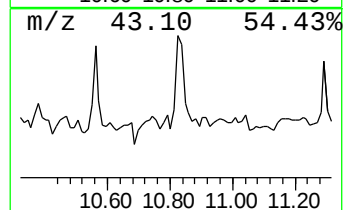
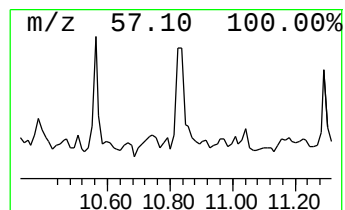
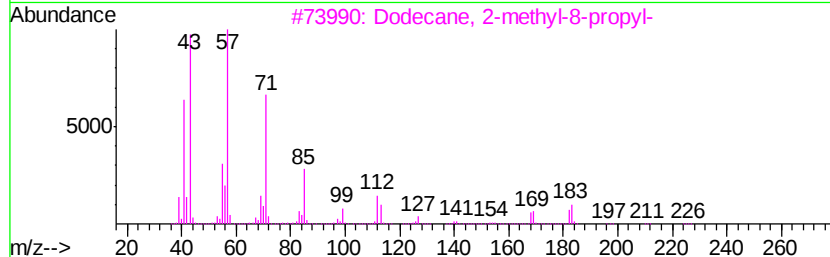
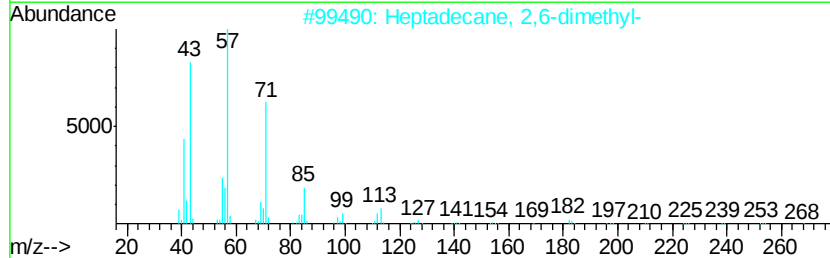
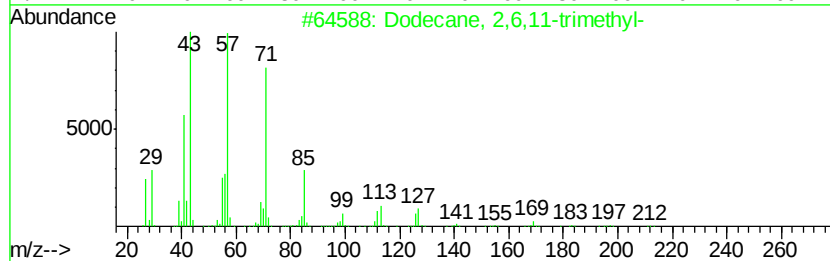
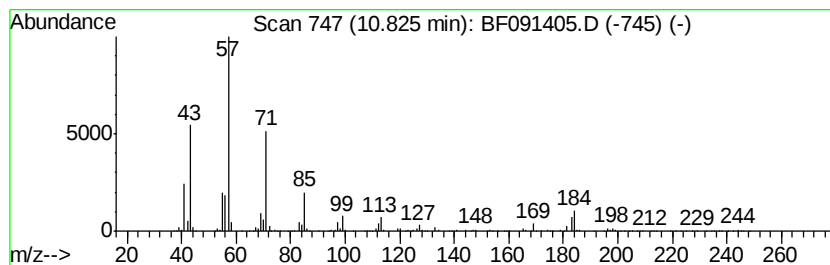
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Dodecane, 2,6,11-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.82	16.78 ng	1764960	Phenanthrene-d10	11.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	83
2		Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	64
3		Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	58
4		Nonacosane	408	C29H60	000630-03-5	53
5		Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
Data File : BF091405.D
Acq On : 2 Dec 2016 22:38
Operator : UM/SJ
Sample : H5802-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

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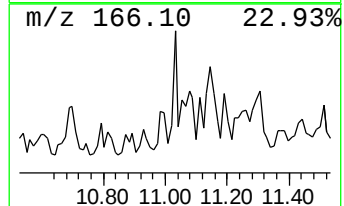
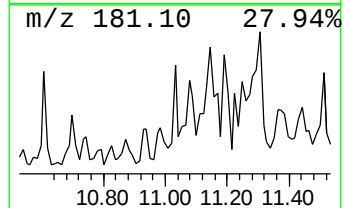
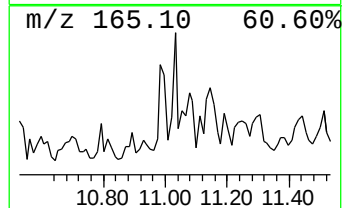
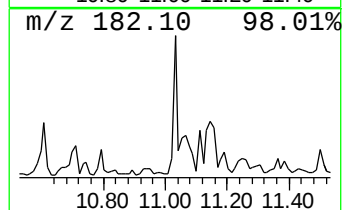
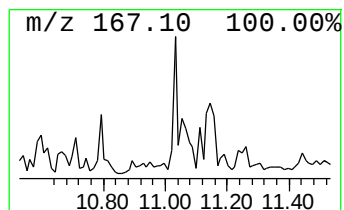
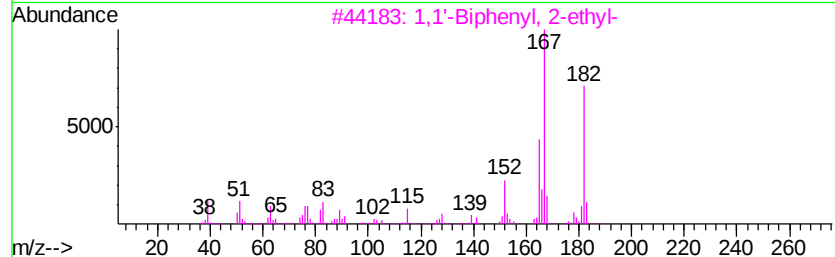
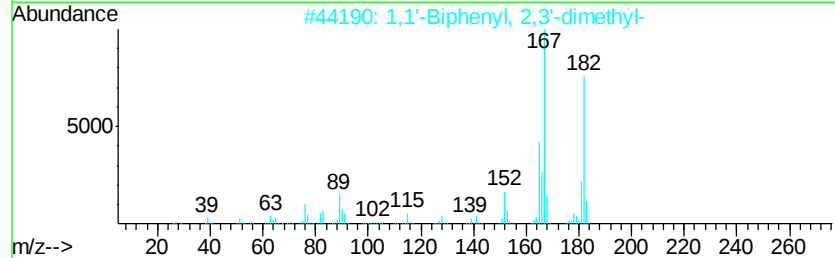
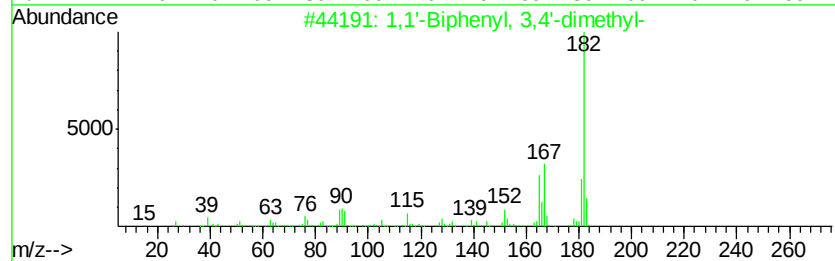
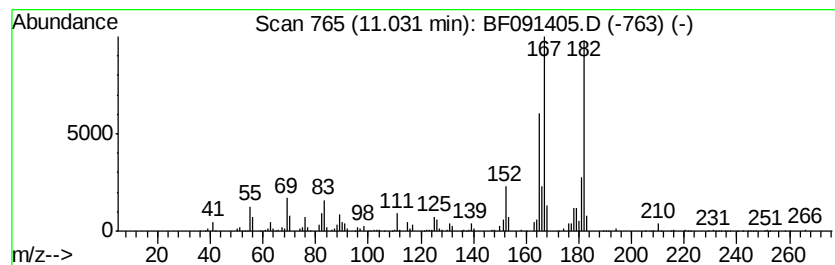
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 1,1'-Biphenyl, 3,4'-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.03	9.86 ng	1036970	Phenanthrene-d10	11.38

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	81
2			1,1'-Biphenyl, 2,3'-dimethyl-	182	C14H14	000611-43-8	81
3			1,1'-Biphenyl, 2-ethyl-	182	C14H14	001812-51-7	81
4			2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	76
5			Benzene, 1-methyl-3-(phenylmethyl)-	182	C14H14	000620-47-3	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
Data File : BF091405.D
Acq On : 2 Dec 2016 22:38
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ClientSampleId :
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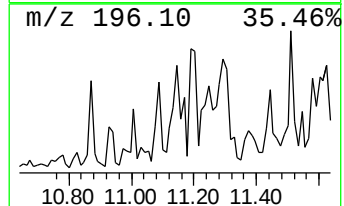
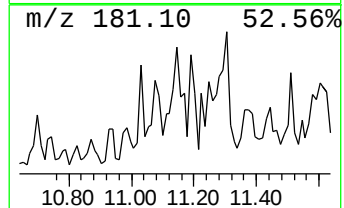
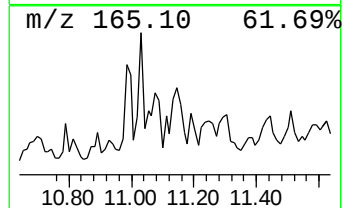
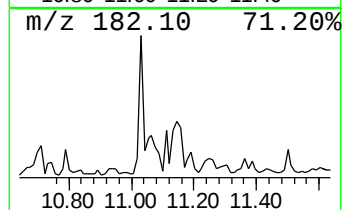
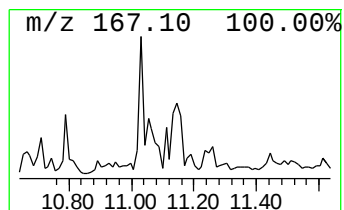
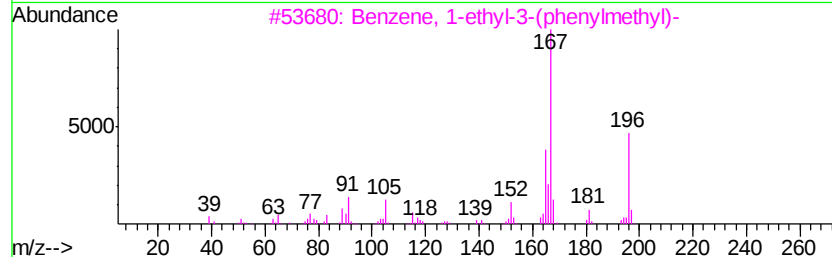
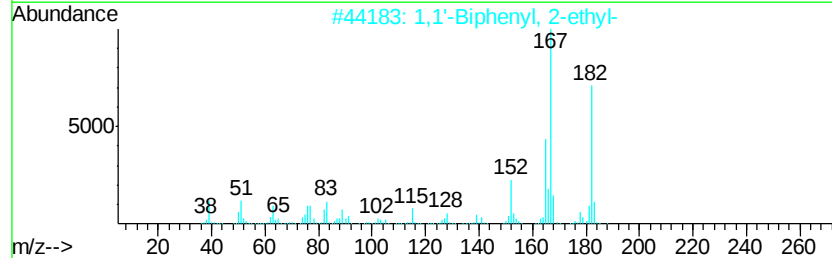
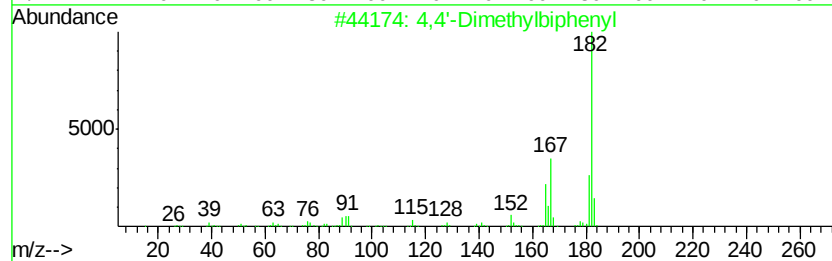
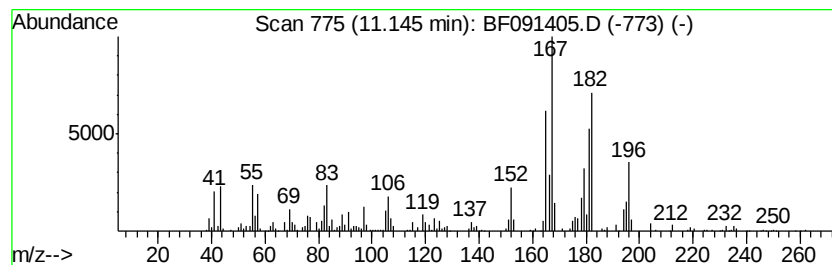
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 4,4'-Dimethylbiphenyl Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.14	7.03 ng	739922	Phenanthrene-d10	11.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	76
2		1,1'-Biphenyl, 2-ethyl-	182	C14H14	001812-51-7	55
3		Benzene, 1-ethyl-3-(phenylmethyl)-	196	C15H16	028122-24-9	50
4		Benzene, 1-methyl-2-(phenylmethyl)-	182	C14H14	000713-36-0	49
5		Benzene, 1-methyl-4-(phenylmethyl)-	182	C14H14	000620-83-7	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
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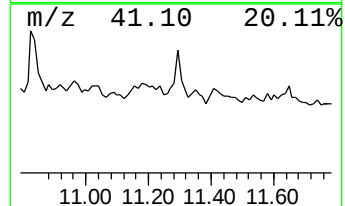
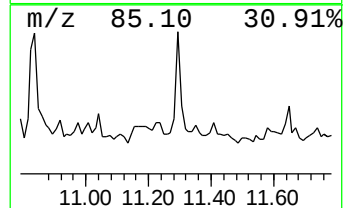
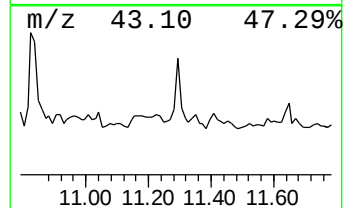
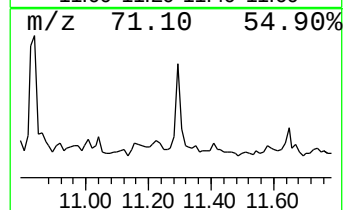
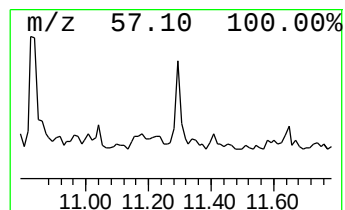
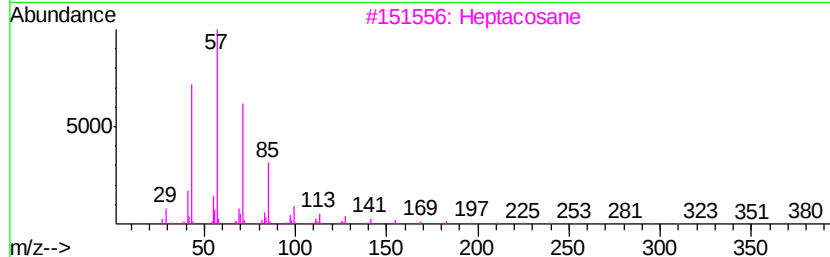
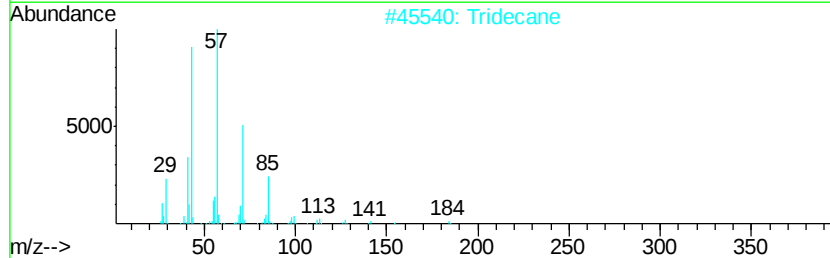
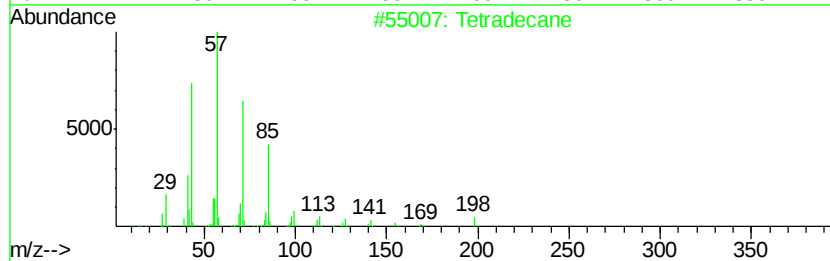
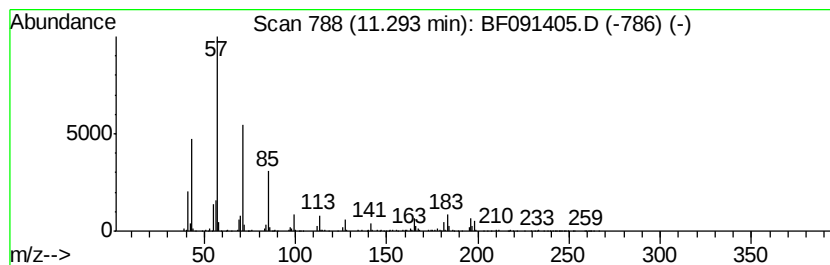
Instrument :
BNA_F
ClientSampleId :
MW-06

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Tetradecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.29	12.77 ng	1342870	Phenanthrene-d10		11.38
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	74
2	Tridecane	184	C13H28	000629-50-5	64
3	Heptacosane	380	C27H56	000593-49-7	59
4	Hexadecane	226	C16H34	000544-76-3	58
5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	52



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
Data File : BF091405.D
Acq On : 2 Dec 2016 22:38
Operator : UM/SJ
Sample : H5802-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-06

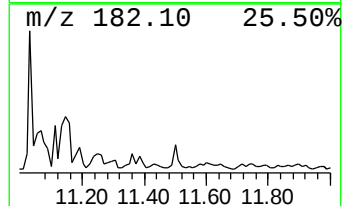
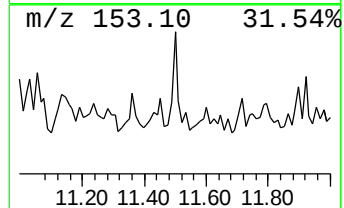
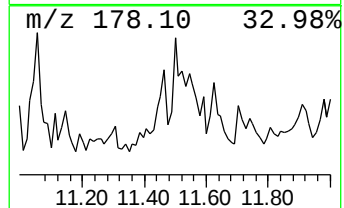
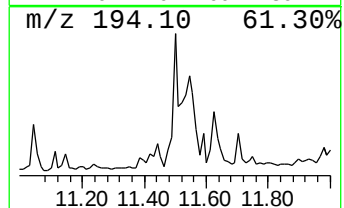
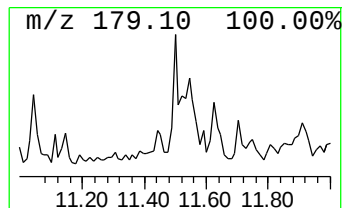
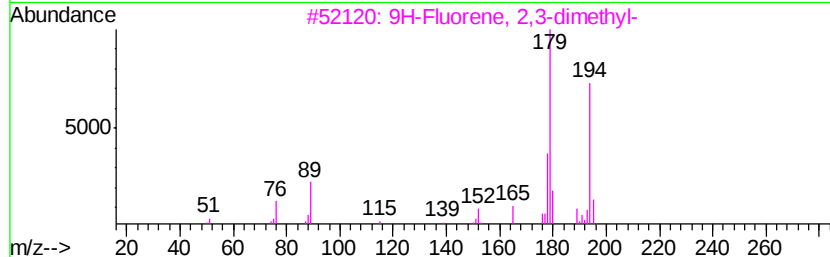
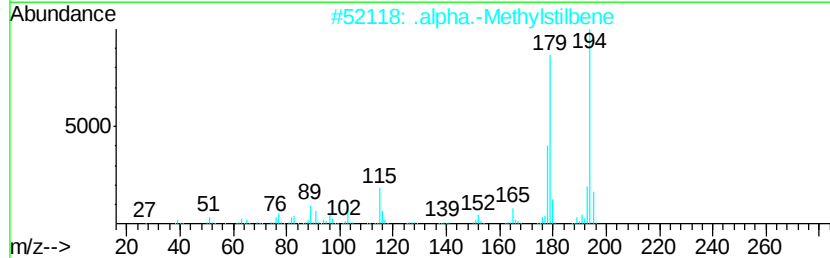
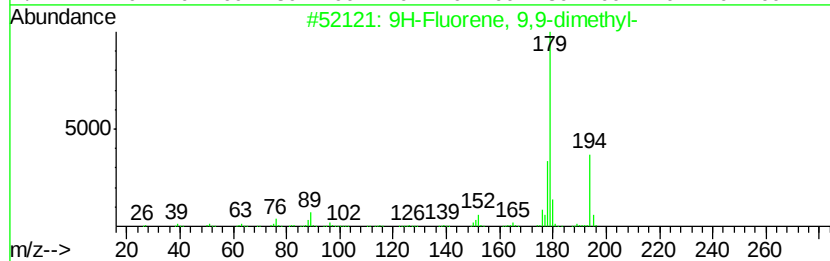
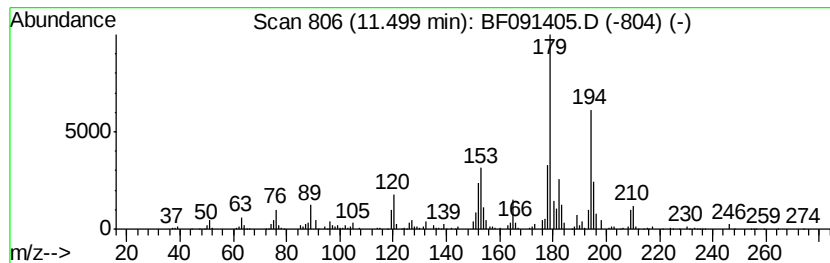
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 9H-Fluorene, 9,9-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.50	10.26 ng	1079550	Phenanthrene-d10	11.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 9,9-dimethyl-	194	C15H14	004569-45-3	53
2		.alpha.-Methylstilbene	194	C15H14	000779-51-1	53
3		9H-Fluorene, 2,3-dimethyl-	194	C15H14	004612-63-9	49
4		9H-Fluorene, 1,9-dimethyl-	194	C15H14	017057-98-6	43
5		Anthracene, 9,10-dihydro-2-methyl-	194	C15H14	000948-67-4	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
Data File : BF091405.D
Acq On : 2 Dec 2016 22:38
Operator : UM/SJ
Sample : H5802-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-06

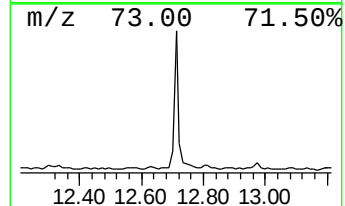
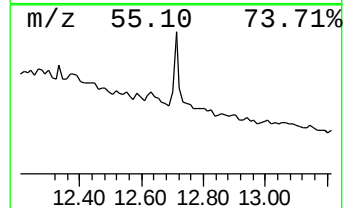
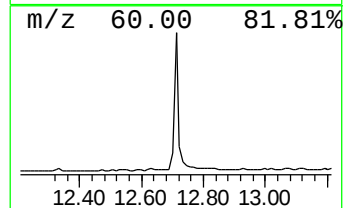
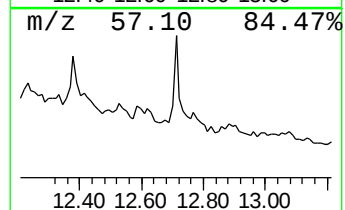
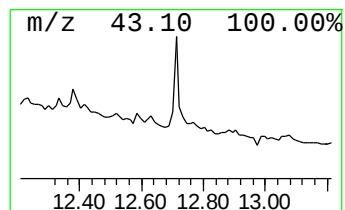
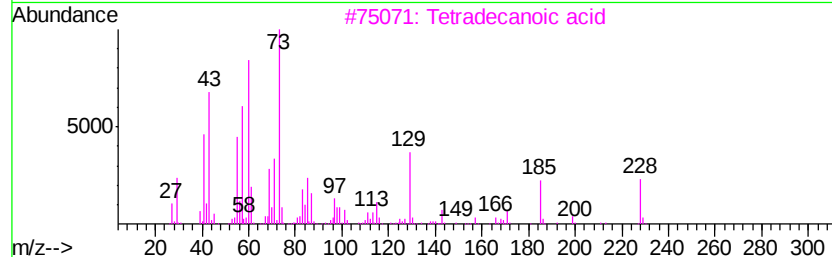
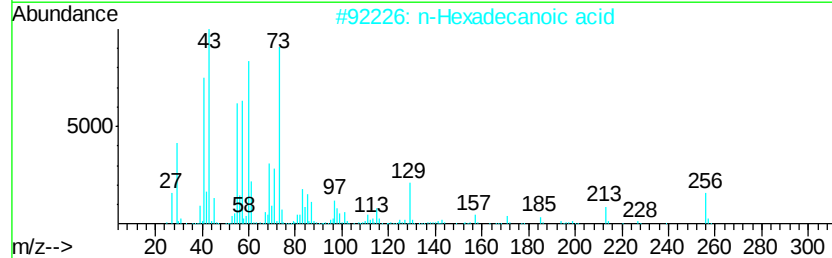
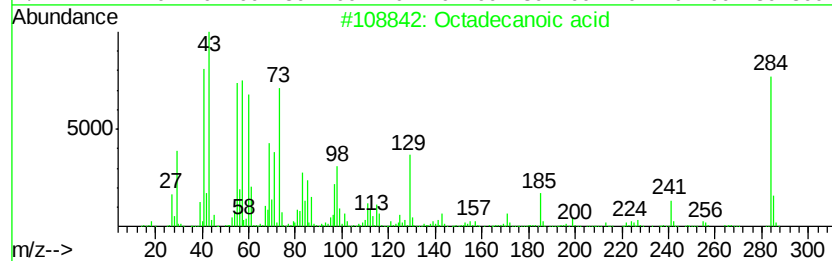
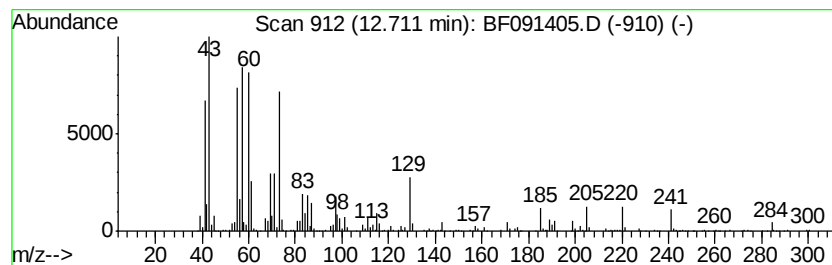
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Octadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.71	9.19 ng	621609	Chrysene-d12	14.01

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	89
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	59
5			Tridecanoic acid	214	C13H26O2	000638-53-9	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
 Data File : BF091405.D
 Acq On : 2 Dec 2016 22:38
 Operator : UM/SJ
 Sample : H5802-07
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-06

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.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...	5.03	12.0	ng	825562	1	6.86	1380940	20.0
unknown6.63	6.63	62.2	ng	4293790	1	6.86	1380940	20.0
Undecane, 3,6-dim...	8.22	8.1	ng	833901	2	8.14	2064180	20.0
Benzo[b]thiophene...	8.62	8.9	ng	919628	2	8.14	2064180	20.0
3-Methylbenzothio...	8.81	9.0	ng	932086	2	8.14	2064180	20.0
Benzocycloheptatr...	8.95	9.7	ng	1004200	2	8.14	2064180	20.0
unknown9.30	9.30	8.6	ng	1415190	3	9.90	3286550	20.0
Benzene, 4-(2-but...	9.37	7.1	ng	1171840	3	9.90	3286550	20.0
Tridecane	9.64	15.7	ng	2584590	3	9.90	3286550	20.0
Naphthalene, 1,8-...	9.76	7.8	ng	1279830	3	9.90	3286550	20.0
unknown9.82	9.82	6.8	ng	1123890	3	9.90	3286550	20.0
Naphthalene, 2,3,...	10.22	7.2	ng	1175550	3	9.90	3286550	20.0
3-Methyl-4-(metho...	10.56	6.9	ng	1132890	3	9.90	3286550	20.0
Dodecane, 2,6,11-...	10.82	16.8	ng	1764960	4	11.38	2103780	20.0
1,1'-Biphenyl, 3,...	11.03	9.9	ng	1036970	4	11.38	2103780	20.0
4,4'-Dimethylbiph...	11.14	7.0	ng	739922	4	11.38	2103780	20.0
Tetradecane	11.29	12.8	ng	1342870	4	11.38	2103780	20.0
9H-Fluorene, 9,9-...	11.50	10.3	ng	1079550	4	11.38	2103780	20.0
Octadecanoic acid	12.71	9.2	ng	621609	5	14.01	1352940	20.0