

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042216\
 Data File : BF086407.D
 Acq On : 23 Apr 2016 23:16
 Operator : UM/SJ
 Sample : H2652-07
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WPG-B15(0-5)-C

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-BF042216.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.172	90	95	98	rBV2	47548	143084	3.36%	0.177%
2	3.298	103	106	107	rVV	29692	51081	1.20%	0.063%
3	3.332	107	109	114	rVB	73641	152148	3.57%	0.188%
4	3.550	123	128	132	rVB	49488	103481	2.43%	0.128%
5	3.767	144	147	151	rBV	55341	99739	2.34%	0.124%
6	3.847	151	154	159	rVV	58245	126833	2.98%	0.157%
7	4.407	201	203	205	rBV	41290	58737	1.38%	0.073%
8	4.453	205	207	211	rVB2	30988	60144	1.41%	0.074%
9	5.024	255	257	261	rBV	70402	107019	2.51%	0.133%
10	5.230	271	275	279	rBV4	23112	52201	1.22%	0.065%
11	5.298	279	281	283	rBV	56472	77722	1.82%	0.096%
12	5.447	291	294	296	rBV	3058575	3380317	79.30%	4.187%
13	5.664	310	313	322	rBV	866425	1381880	32.42%	1.712%
14	5.790	322	324	327	rVB2	33222	65909	1.55%	0.082%
15	5.961	336	339	341	rVB	44577	49386	1.16%	0.061%
16	6.441	379	381	382	rBV2	45789	66377	1.56%	0.082%
17	6.476	382	384	387	rVV	2401370	3206515	75.22%	3.972%
18	6.556	390	391	394	rVV	122024	145670	3.42%	0.180%
19	6.613	394	396	398	rVV	3742515	3456829	81.09%	4.282%
20	6.681	398	402	404	rVV	885876	1087541	25.51%	1.347%
21	6.716	404	405	414	rVB	318808	598436	14.04%	0.741%
22	6.841	414	416	419	rBV	1017375	1005455	23.59%	1.245%
23	7.001	428	430	432	rBV	3026369	2804081	65.78%	3.473%
24	7.104	437	439	445	rBV	719273	932252	21.87%	1.155%
25	7.413	463	466	468	rBV	1403778	2032442	47.68%	2.517%
26	7.459	468	470	473	rVV2	140550	227834	5.34%	0.282%
27	7.504	473	474	477	rVB	164972	186835	4.38%	0.231%
28	7.619	481	484	485	rBV2	106776	146748	3.44%	0.182%
29	7.710	489	492	494	rBV	2079371	2540580	59.60%	3.147%
30	7.881	503	507	509	rBV	174518	272587	6.39%	0.338%
31	7.927	509	511	515	rVB	251658	306213	7.18%	0.379%
32	8.076	522	524	526	rBV2	55244	84894	1.99%	0.105%
33	8.133	526	529	531	rBV	978659	1268775	29.76%	1.572%
34	8.350	545	548	550	rBV	1282751	1274642	29.90%	1.579%

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35	8.407	550	553	555 rVV	1656087	1432651	33.61%	1.775%
36	8.556	564	566	568 rBV	60085	66998	1.57%	0.083%
37	8.716	578	580	585 rVB3	51951	102053	2.39%	0.126%
38	8.830	588	590	593 rBV	476726	577404	13.55%	0.715%
39	8.899	595	596	598 rBV	203356	209352	4.91%	0.259%
40	8.944	598	600	601 rVB	159545	132772	3.11%	0.164%
41	9.013	604	606	611 rBV2	175907	353364	8.29%	0.438%
42	9.082	611	612	614 rBV	83027	83553	1.96%	0.103%
43	9.127	614	616	617 rBV	215104	190820	4.48%	0.236%
44	9.150	617	618	620 rBV	77168	129442	3.04%	0.160%
45	9.207	620	623	625 rVV	3570617	3629307	85.14%	4.495%
46	9.287	629	630	632 rVV	151648	151737	3.56%	0.188%
47	9.333	632	634	635 rVV	545851	587437	13.78%	0.728%
48	9.413	639	641	642 rBV2	54946	62932	1.48%	0.078%
49	9.550	651	653	655 rBV	147151	213803	5.02%	0.265%
50	9.596	655	657	659 rBV2	726282	874006	20.50%	1.083%
51	9.676	662	664	666 rBV2	59712	110631	2.60%	0.137%
52	9.745	668	670	672 rBV	301042	364383	8.55%	0.451%
53	9.790	672	674	675 rVB2	72502	90108	2.11%	0.112%
54	9.813	675	676	678 rBV2	293512	392857	9.22%	0.487%
55	9.882	678	682	684 rVV	1375379	1407667	33.02%	1.744%
56	9.916	684	685	687 rVB	160757	122265	2.87%	0.151%
57	10.042	694	696	698 rBV2	121476	227734	5.34%	0.282%
58	10.076	698	699	703 rVV2	183543	327541	7.68%	0.406%
59	10.145	703	705	706 rVB	155317	186738	4.38%	0.231%
60	10.225	706	712	713 rBV4	86315	205448	4.82%	0.254%
61	10.259	713	715	716 rBV2	57847	84116	1.97%	0.104%
62	10.316	718	720	721 rVV	518495	400349	9.39%	0.496%
63	10.430	728	730	733 rBV	405384	585628	13.74%	0.725%
64	10.533	736	739	742 rBV	668122	989804	23.22%	1.226%
65	10.590	742	744	745 rVB	163317	186891	4.38%	0.231%
66	10.625	745	747	748 rBV2	99408	124409	2.92%	0.154%
67	10.670	748	751	753 rBV2	1521728	1873222	43.94%	2.320%
68	10.727	754	756	757 rVB	127238	143703	3.37%	0.178%
69	10.807	760	763	765 rBV	1017392	1921800	45.08%	2.380%
70	10.979	776	778	779 rBV	302364	379786	8.91%	0.470%
71	11.128	789	791	793 rBV2	178626	179270	4.21%	0.222%

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72	11.242	799	801	802	rBV	609842	728856	17.10%	0.903%
73	11.265	802	803	807	rVB2	1068762	1213874	28.48%	1.504%
74	11.390	810	814	817	rBV	2946894	4262765	100.00%	5.280%
75	11.436	817	818	821	rVB	723040	782646	18.36%	0.969%
76	11.482	821	822	824	rBV	280770	282174	6.62%	0.350%
77	11.619	832	834	836	rVB2	424701	443963	10.41%	0.550%
78	11.665	836	838	840	rBV	798349	629956	14.78%	0.780%
79	11.825	850	852	855	rBV2	276516	677933	15.90%	0.840%
80	11.893	855	858	860	rVV2	490630	945543	22.18%	1.171%
81	11.985	863	866	870	rVB4	634627	1485479	34.85%	1.840%
82	12.076	873	874	875	rBV	535357	407020	9.55%	0.504%
83	12.350	896	898	901	rBV	370400	718400	16.85%	0.890%
84	12.419	903	904	906	rVV	320255	316125	7.42%	0.392%
85	12.465	906	908	910	rVV	410782	477594	11.20%	0.592%
86	12.591	916	919	921	rBV	3045042	3732026	87.55%	4.623%
87	12.808	936	938	941	rVB	2029276	3060659	71.80%	3.791%
88	12.956	948	951	955	rVB	2165450	2709924	63.57%	3.357%
89	13.208	969	973	974	rBV2	354105	888624	20.85%	1.101%
90	13.528	999	1001	1005	rBV2	359309	504856	11.84%	0.625%
91	13.996	1040	1042	1044	rBV2	1549800	2454419	57.58%	3.040%
92	14.031	1044	1045	1049	rVB	1298674	1180088	27.68%	1.462%
93	14.476	1082	1084	1086	rBV2	302039	351392	8.24%	0.435%
94	14.774	1108	1110	1116	rVB2	236341	415445	9.75%	0.515%
95	15.025	1129	1132	1136	rBV	871113	2026325	47.54%	2.510%
96	15.311	1154	1157	1160	rVB	444529	690830	16.21%	0.856%
97	15.368	1160	1162	1165	rVB	759062	998163	23.42%	1.236%
98	15.425	1165	1167	1168	rBV	422955	540010	12.67%	0.669%
99	16.808	1285	1288	1293	rVB2	318157	669659	15.71%	0.829%
100	17.220	1321	1324	1330	rBV	218275	482835	11.33%	0.598%

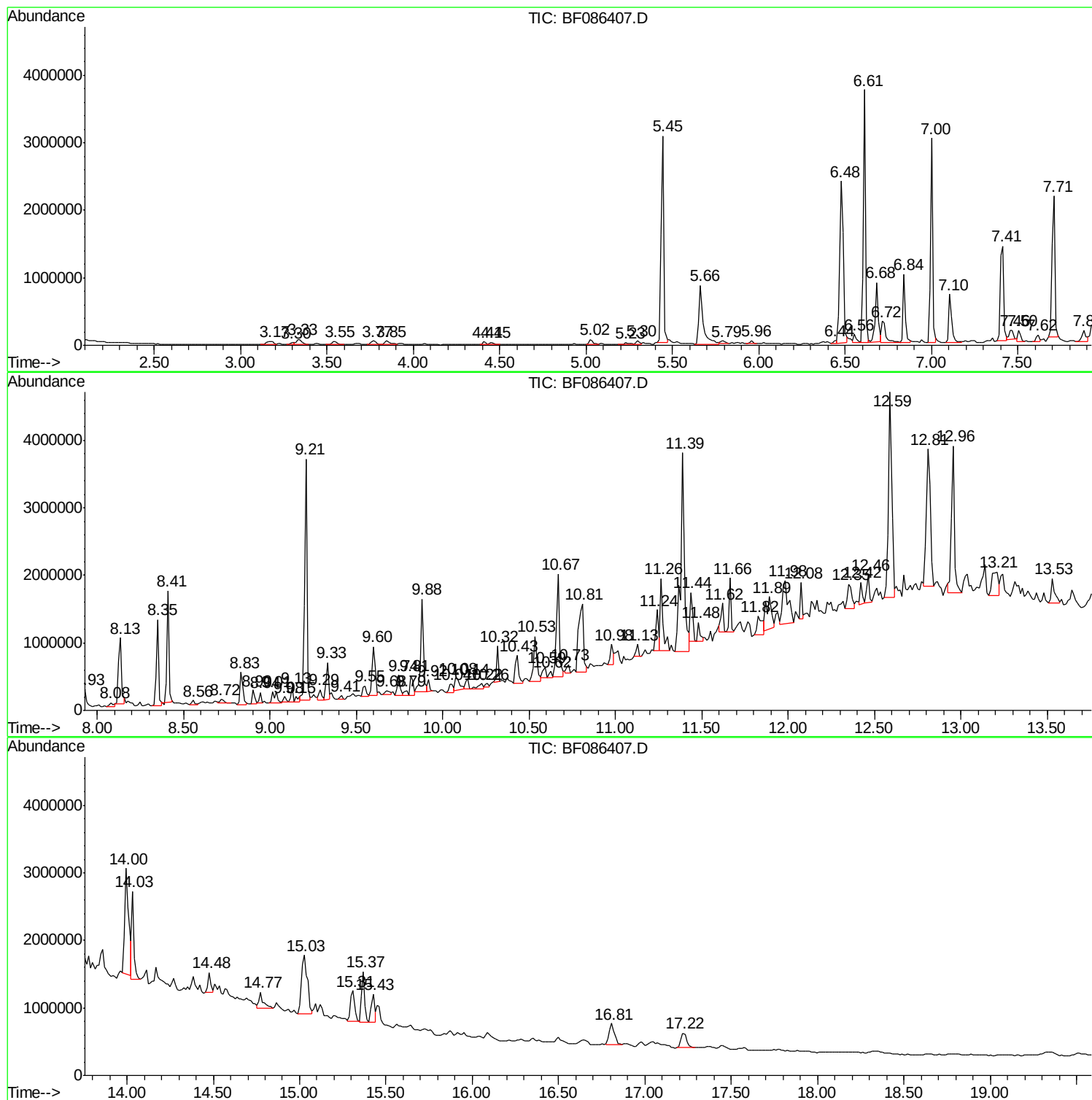
Sum of corrected areas: 80733951

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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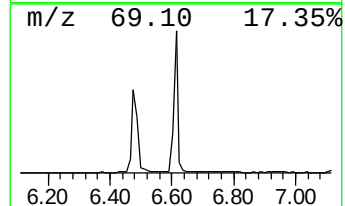
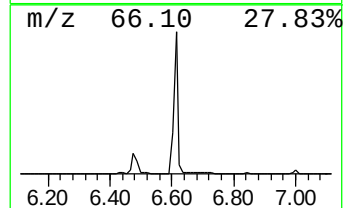
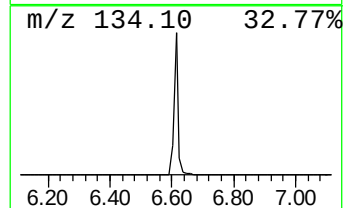
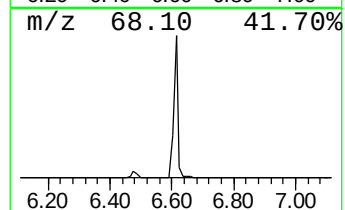
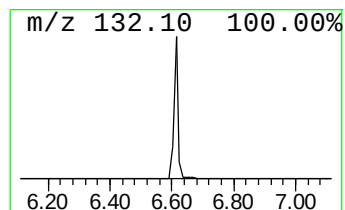
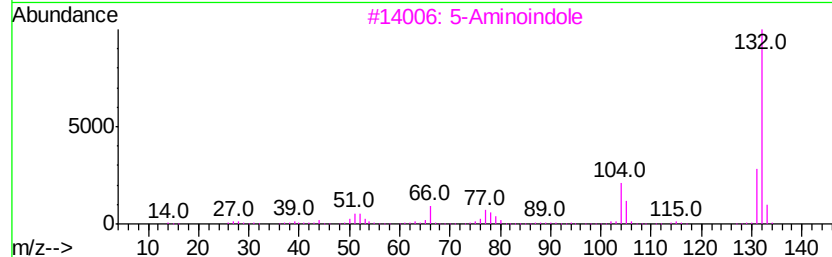
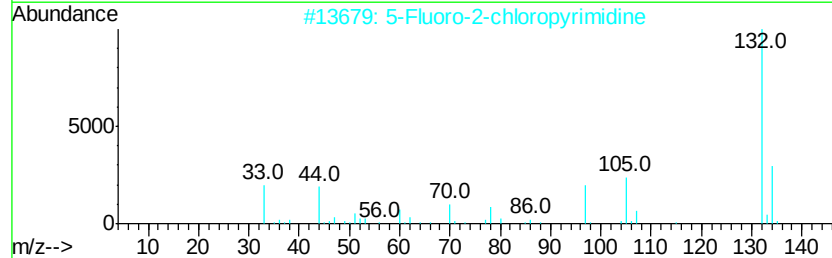
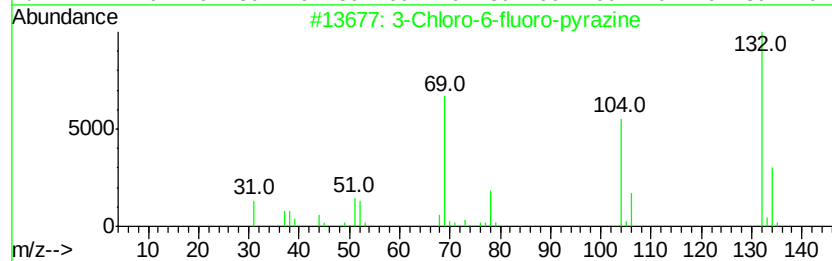
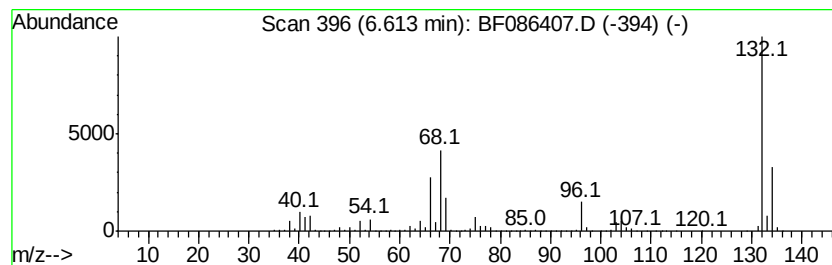
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	68.76 ng	3456830	1,4-Dichlorobenzene-d4	6.84

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine			132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine			132	C4H2ClFN2	062802-42-0	16
3	5-Aminoindole			132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl			189	C12H15NO	1000123-86-3	10
5	Benzene, 1,2,4-trifluoro-			132	C6H3F3	000367-23-7	9



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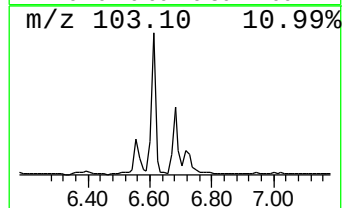
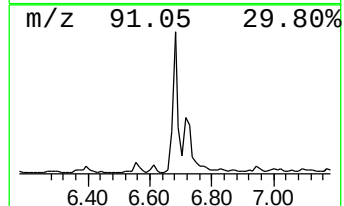
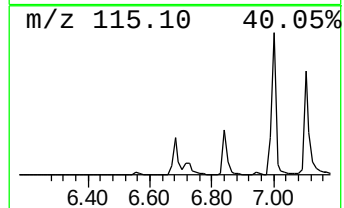
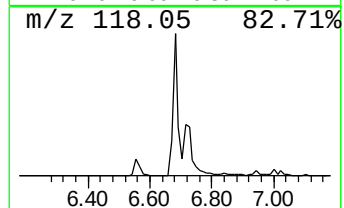
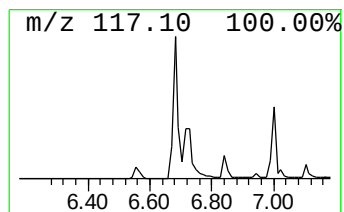
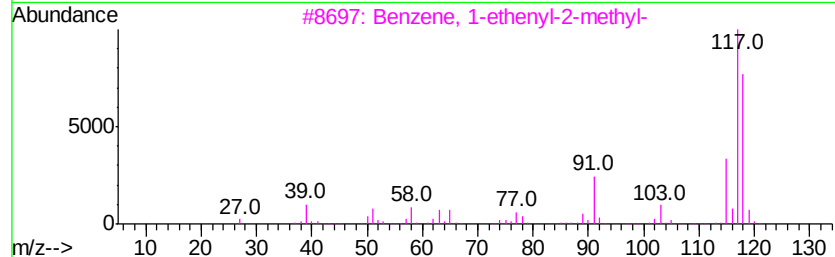
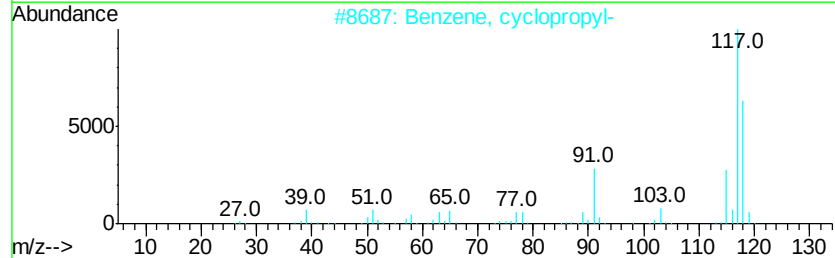
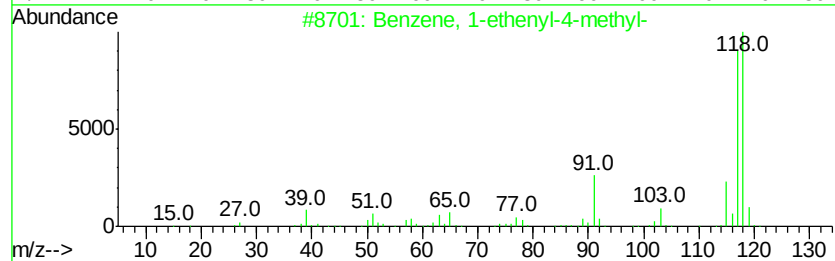
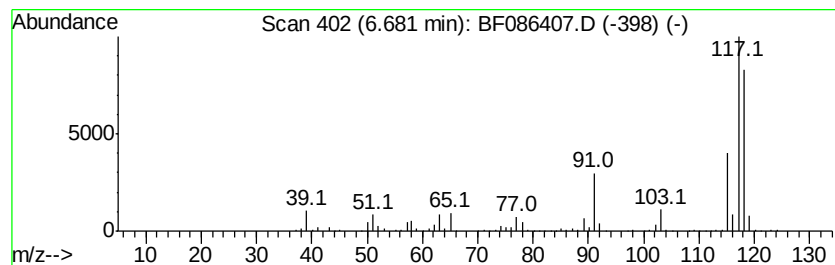
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1-ethenyl-4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.68	21.63 ng	1087540	1,4-Dichlorobenzene-d4	6.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	95
2		Benzene, cyclopropyl-	118	C9H10	000873-49-4	94
3		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94
4		Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	92
5		Benzene, 1,1'-(1-ethenyl-1,3-pro...	222	C17H18	061141-97-7	91



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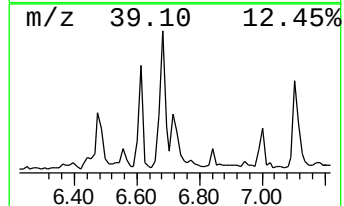
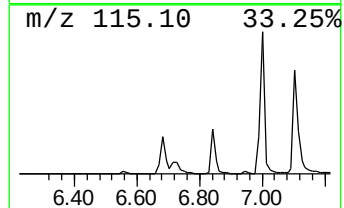
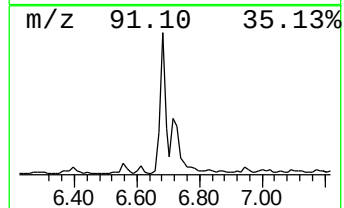
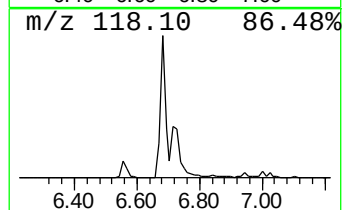
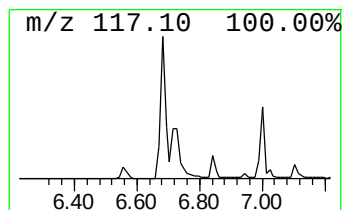
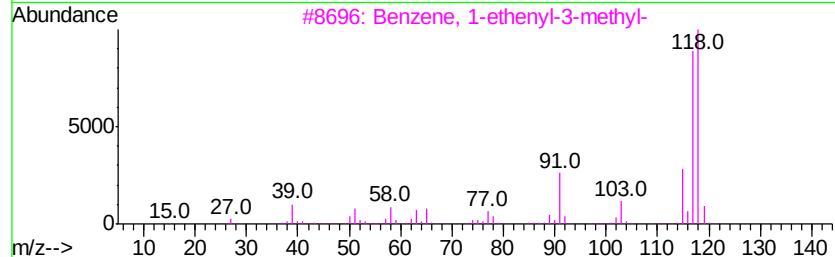
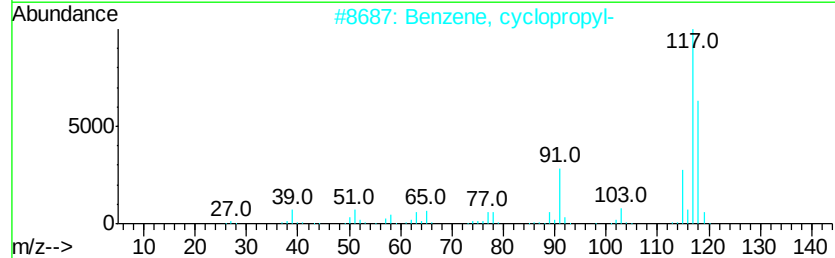
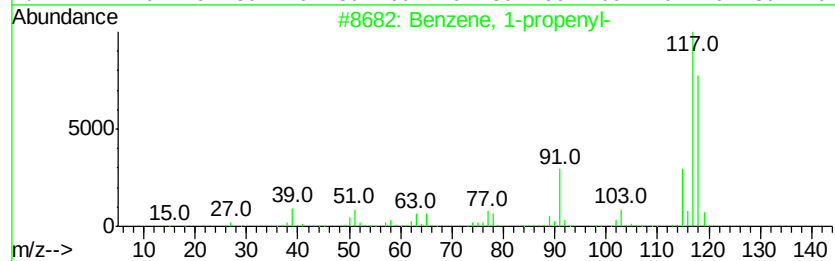
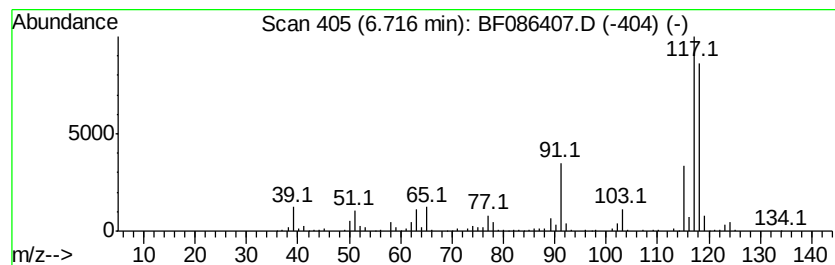
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Peak Number 4 Benzene, 1-propenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	11.90 ng	598436	1,4-Dichlorobenzene-d4	6.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	94
2		Benzene, cyclopropyl-	118	C9H10	000873-49-4	94
3		Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	93
4		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	93
5		Benzeneethanol, .beta.-ethenyl-....	162	C11H14O	040596-14-3	90



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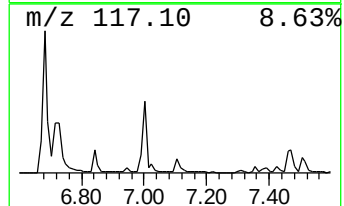
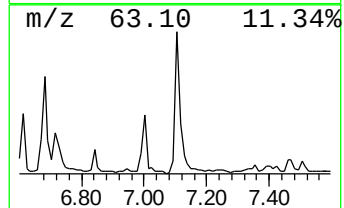
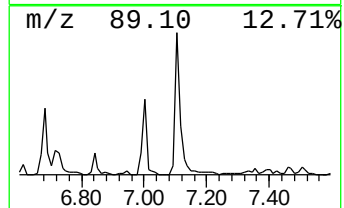
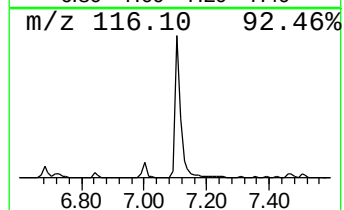
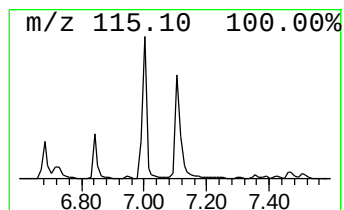
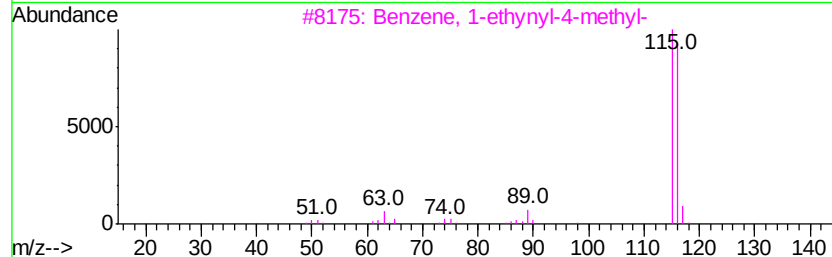
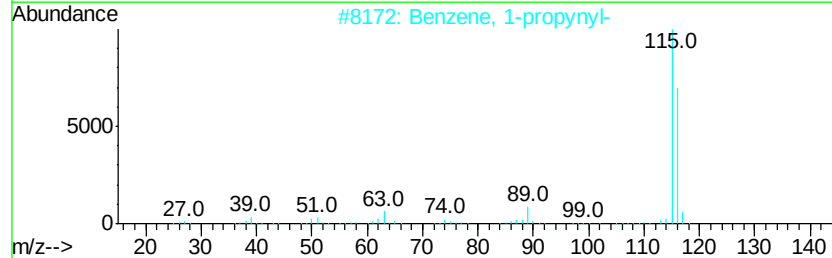
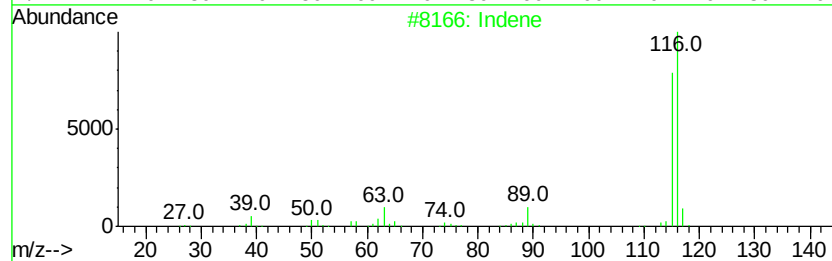
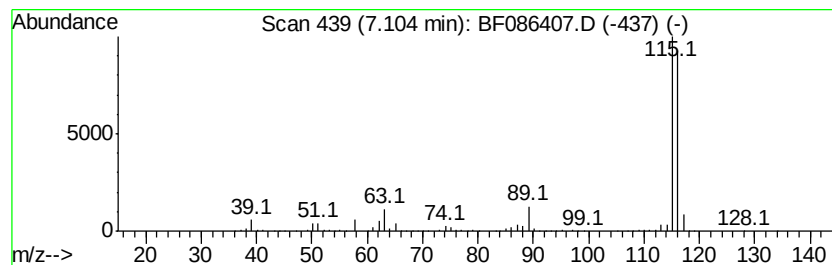
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Indene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	18.54 ng	932252	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
3	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91
4	Benzene, 1-ethynyl-2-methyl-	116	C9H8	000766-47-2	91
5	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042216\
Data File : BF086407.D
Acq On : 23 Apr 2016 23:16
Operator : UM/SJ
Sample : H2652-07
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WPG-B15(0-5)-C

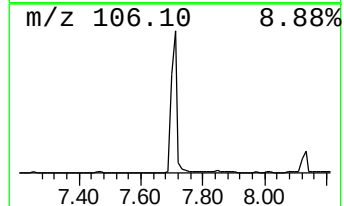
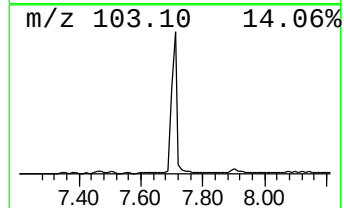
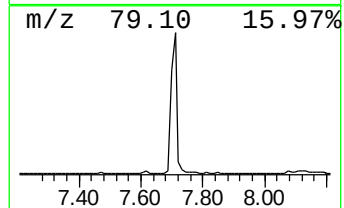
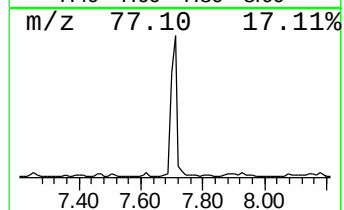
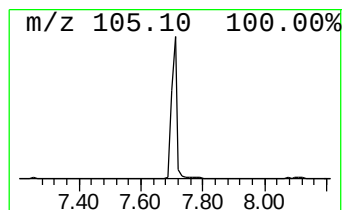
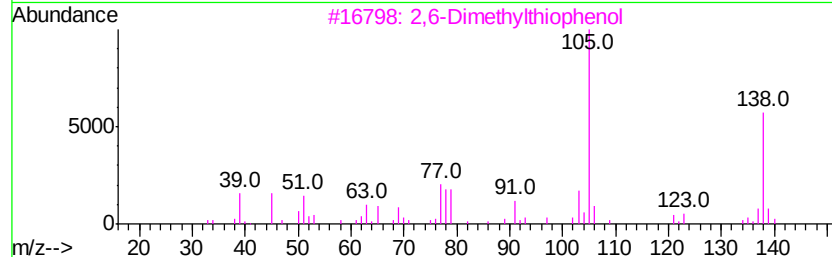
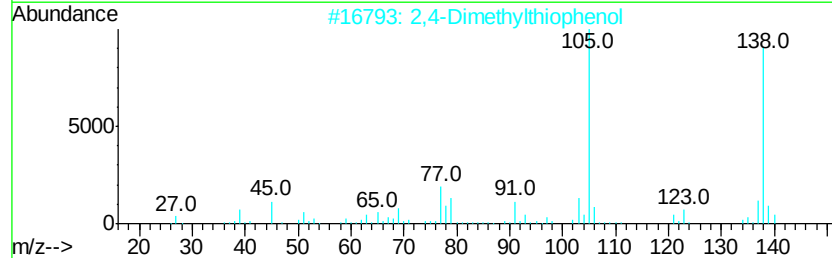
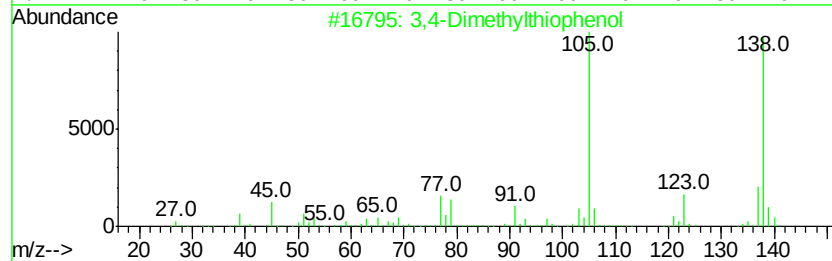
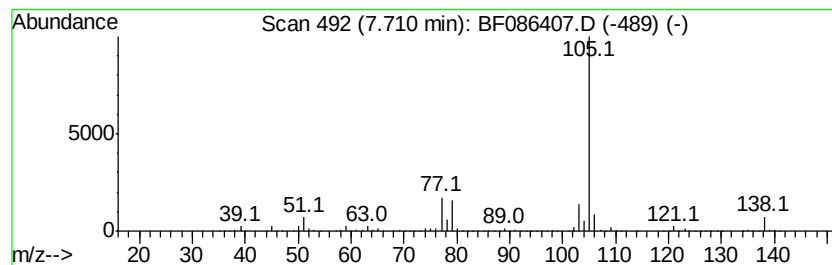
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 3,4-Dimethylthiophenol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.71	40.05 ng	2540580	Napthalene-d8	8.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,4-Dimethylthiophenol	138	C8H10S	018800-53-8	78
2		2,4-Dimethylthiophenol	138	C8H10S	013616-82-5	78
3		2,6-Dimethylthiophenol	138	C8H10S	000118-72-9	78
4		Benzenemethanethiol, 4-methyl-	138	C8H10S	004498-99-1	72
5		Benzene, (1-bromoethyl)-	184	C8H9Br	000585-71-7	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086407.D
Acq On : 23 Apr 2016 23:16
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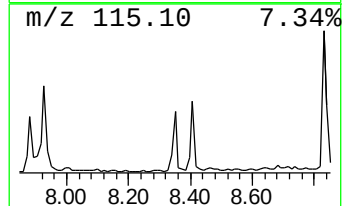
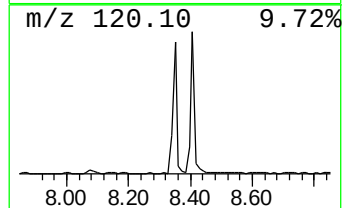
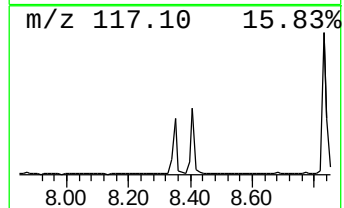
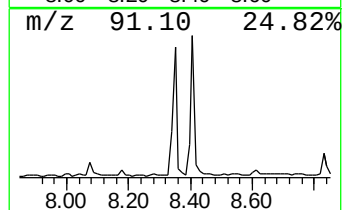
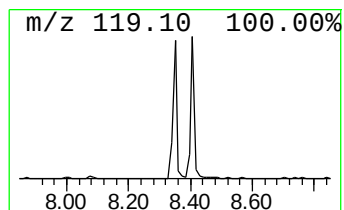
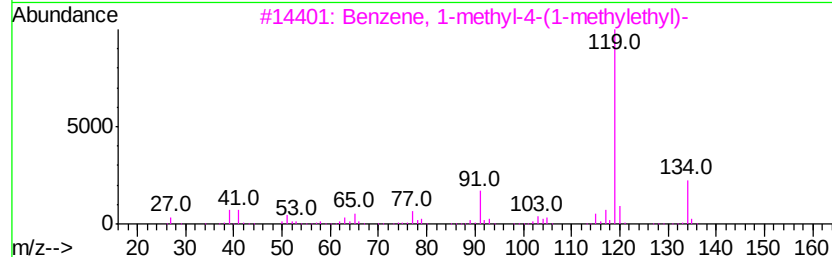
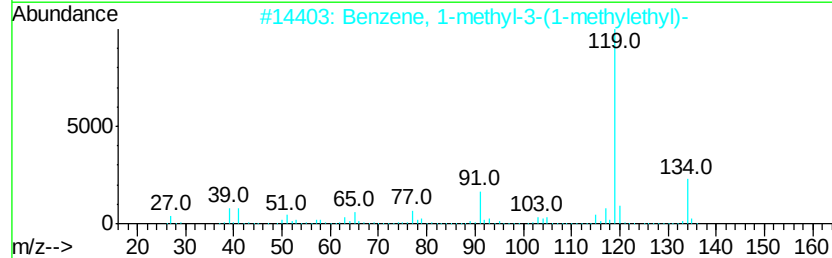
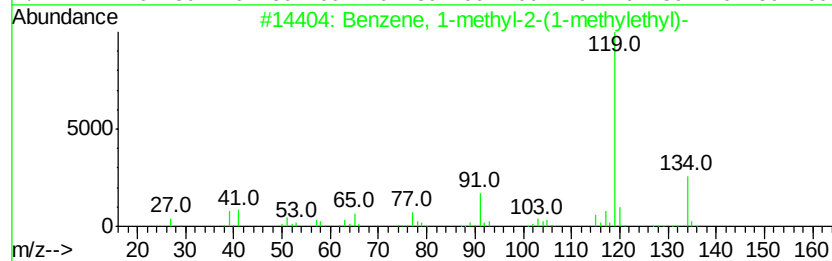
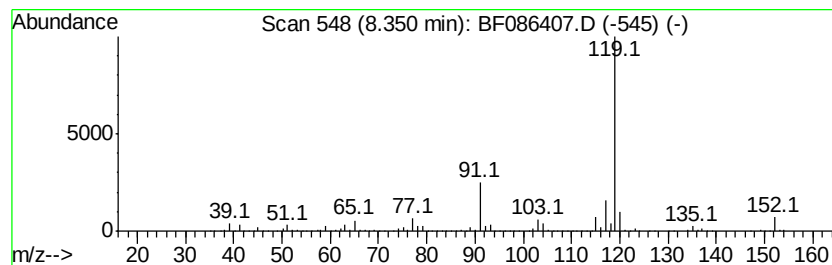
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzene, 1-methyl-2-(1-meth... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.35	20.09 ng	1274640	Naphthalene-d8	8.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	87
2		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	87
3		Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	83
4		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	72
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086407.D
Acq On : 23 Apr 2016 23:16
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Sample : H2652-07
Misc :
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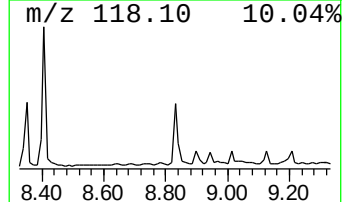
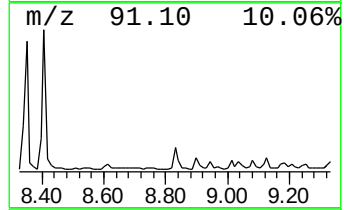
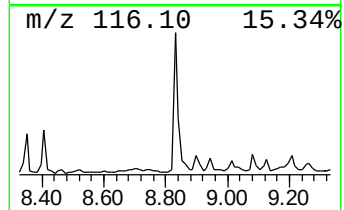
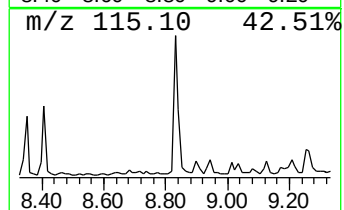
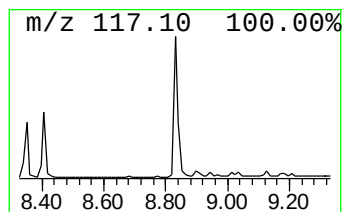
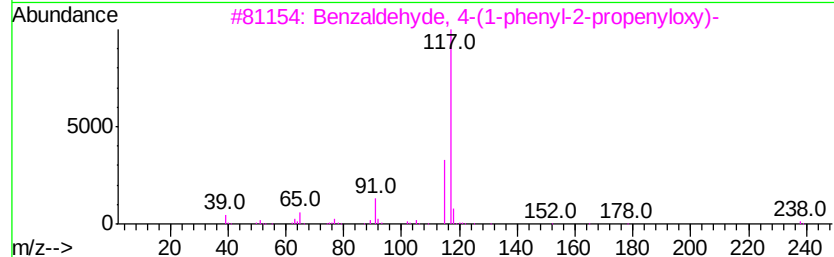
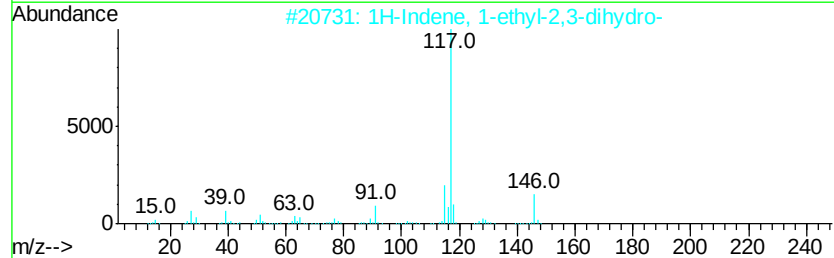
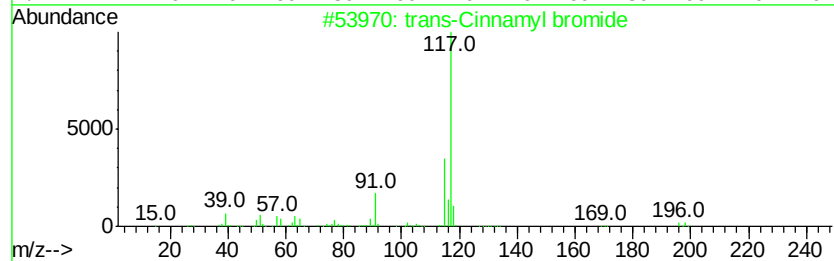
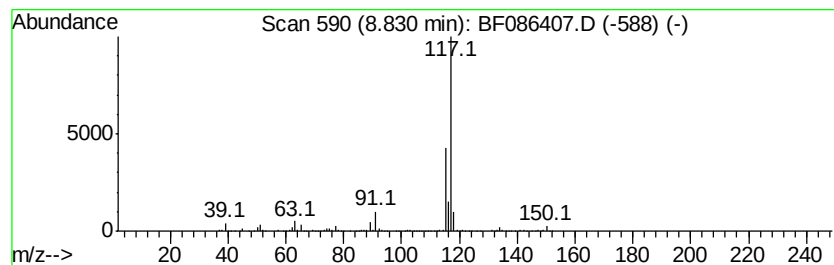
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 trans-Cinnamyl bromide Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.83	9.10 ng	577404	Napthalene-d8	8.13

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	64
2			1H-Indene, 1-ethyl-2,3-dihydro-	146	C11H14	004830-99-3	59
3			Benzaldehyde, 4-(1-phenyl-2-propenyl)-	238	C16H14O2	1000277-56-1	59
4			m-Aminophenylacetylene	117	C8H7N	054060-30-9	47
5			Benzene, 1,1'-(1-ethenyl-1,3-propanediyl)-	222	C17H18	061141-97-7	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042216\
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Operator : UM/SJ
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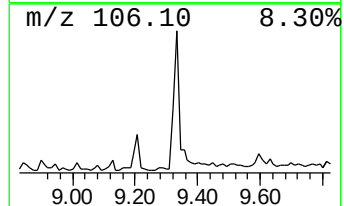
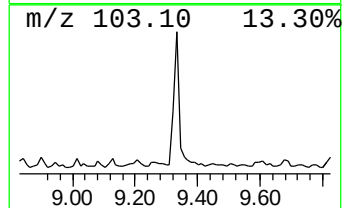
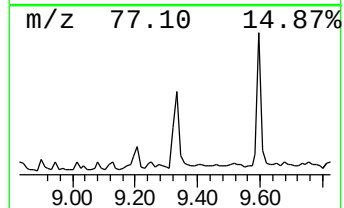
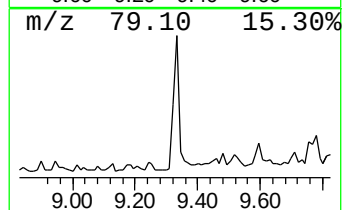
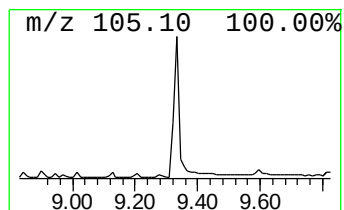
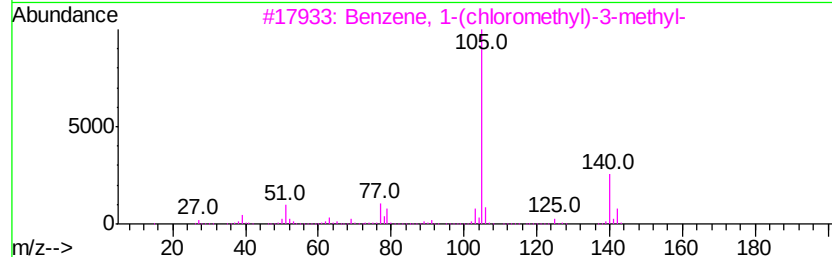
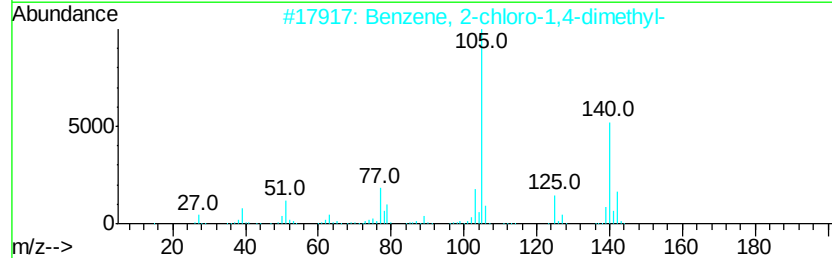
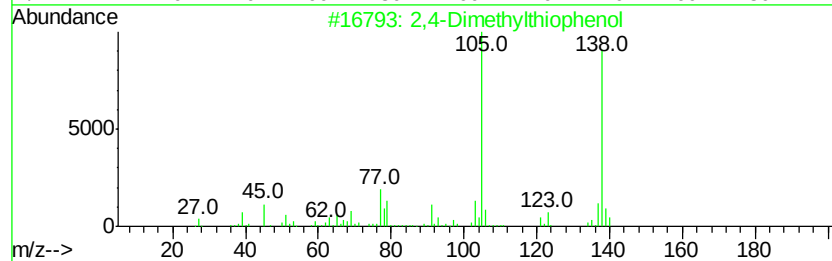
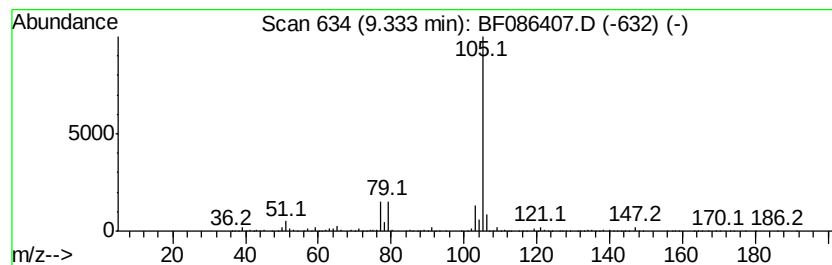
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 2,4-Dimethylthiophenol Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.33	8.35 ng	587437	Acenaphthene-d10	9.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,4-Dimethylthiophenol	138	C8H10S	013616-82-5	78
2		Benzene, 2-chloro-1,4-dimethyl-	140	C8H9Cl	000095-72-7	72
3		Benzene, 1-(chloromethyl)-3-methyl-	140	C8H9Cl	000620-19-9	72
4		Phenol, o-[(.alpha.-methylbenzyl...]	262	C14H14O3S	029634-38-6	72
5		Benzenemethanethiol, 4-methyl-	138	C8H10S	004498-99-1	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
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Sample : H2652-07
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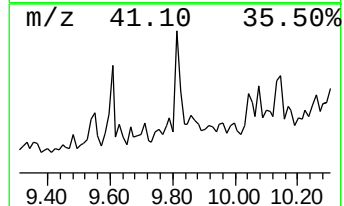
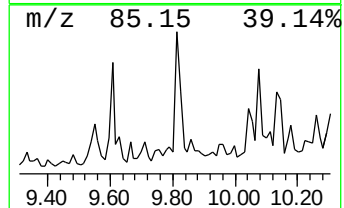
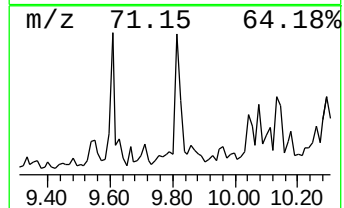
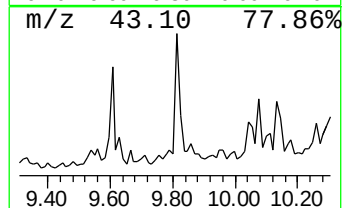
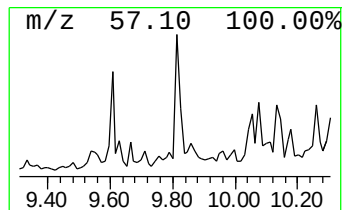
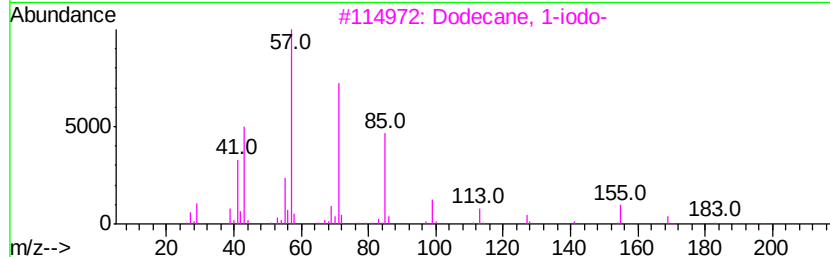
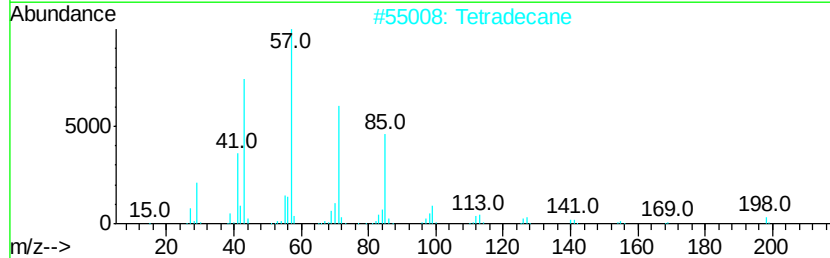
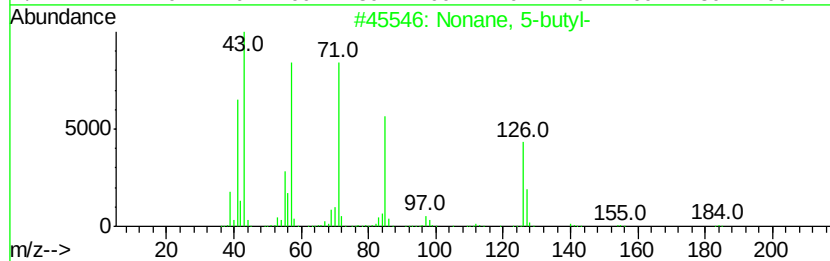
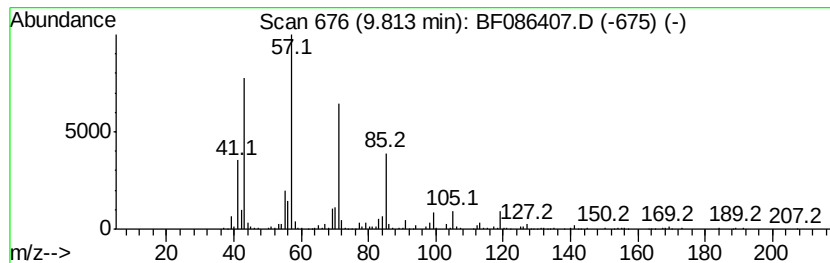
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Nonane, 5-butyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.81	5.58 ng	392857	Acenaphthene-d10	9.88	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 5-butyl-	184	C13H28	017312-63-9	70
2	Tetradecane	198	C14H30	000629-59-4	64
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64
4	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	64
5	Octacosane	394	C28H58	000630-02-4	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
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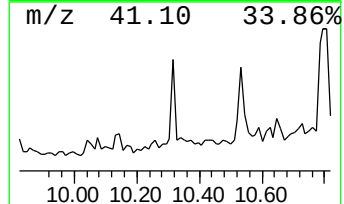
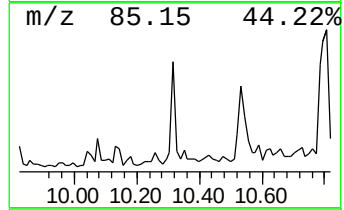
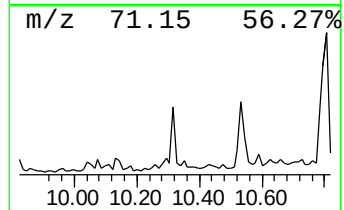
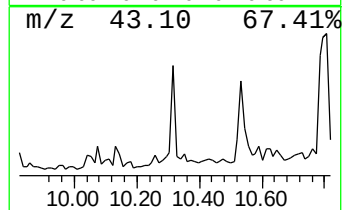
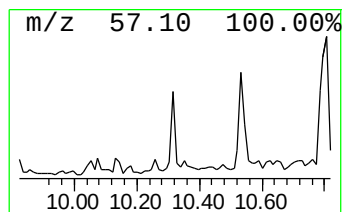
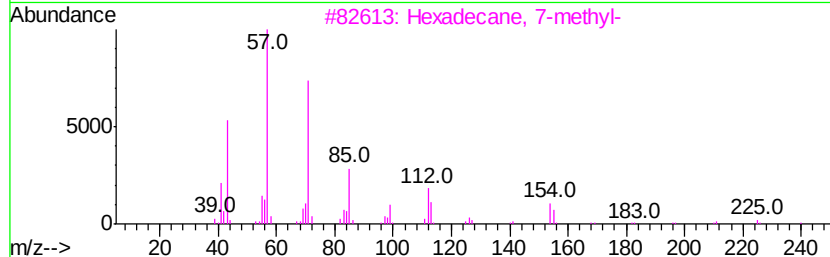
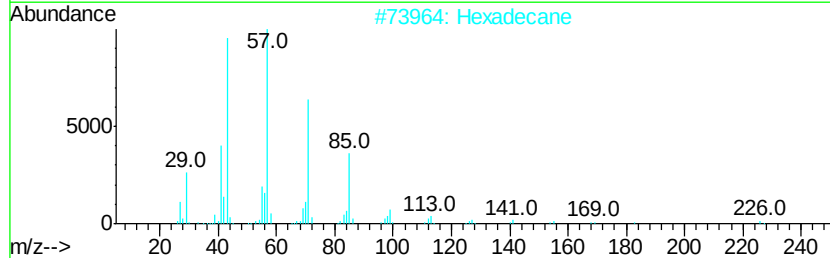
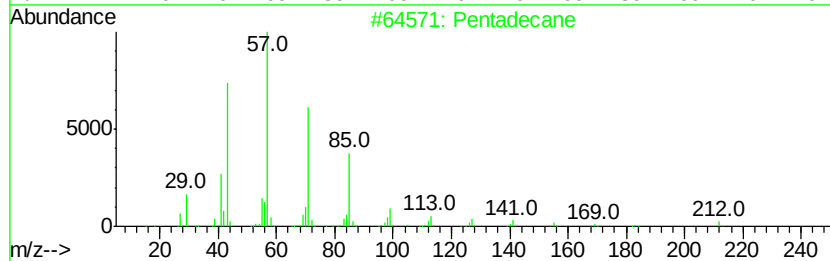
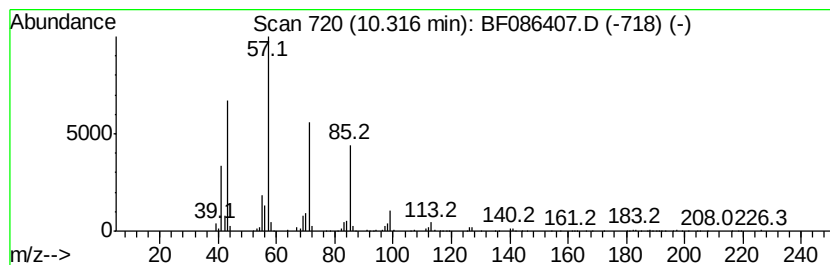
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TIC Integration Parameters: LSCINT.P

Peak Number 13 Pentadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.32	5.69 ng	400349	Acenaphthene-d10	9.88	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	90
2	Hexadecane	226	C16H34	000544-76-3	83
3	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	59
4	Decane, 3-bromo-	220	C10H21Br	030571-71-2	58
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086407.D
Acq On : 23 Apr 2016 23:16
Operator : UM/SJ
Sample : H2652-07
Misc :
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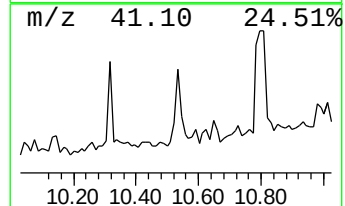
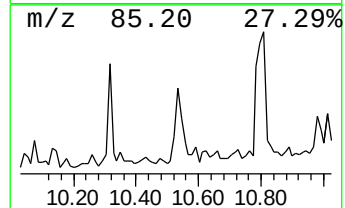
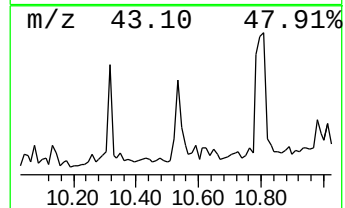
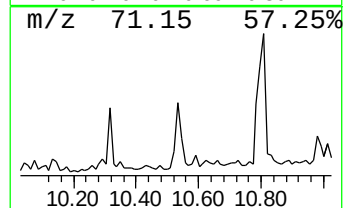
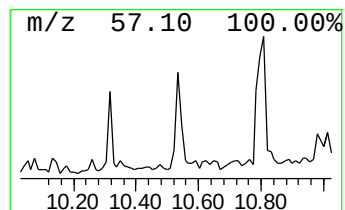
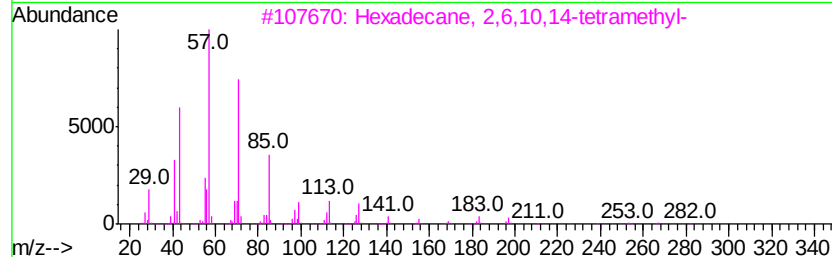
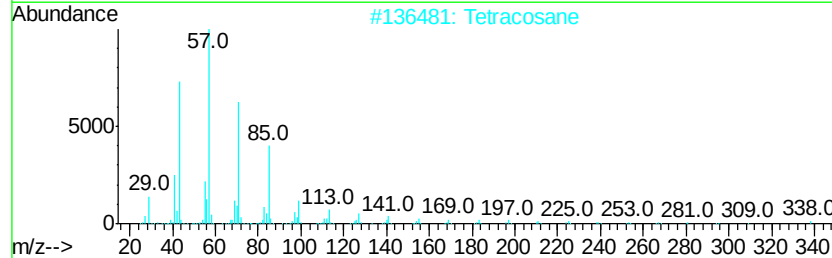
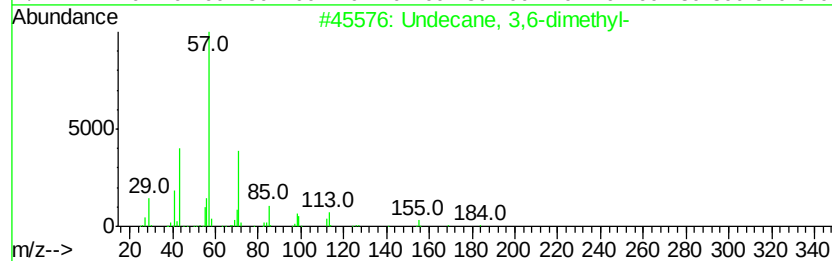
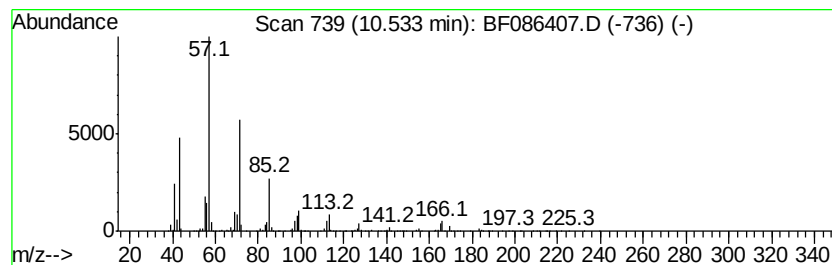
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Undecane, 3,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.53	14.06 ng	989804	Acenaphthene-d10	9.88	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	81
2	Tetracosane	338	C24H50	000646-31-1	72
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
4	Hexadecane	226	C16H34	000544-76-3	72
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086407.D
Acq On : 23 Apr 2016 23:16
Operator : UM/SJ
Sample : H2652-07
Misc :
ALS Vial : 51 Sample Multiplier: 1

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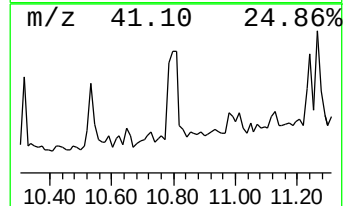
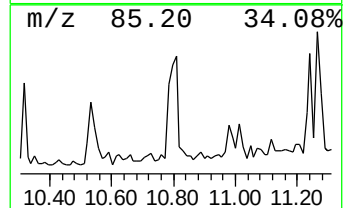
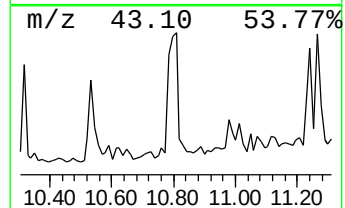
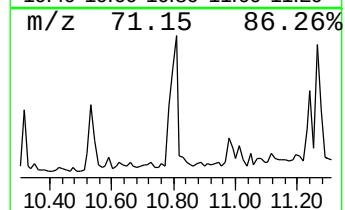
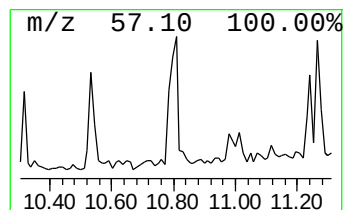
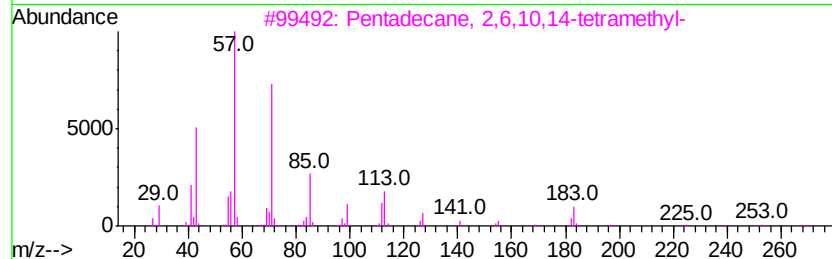
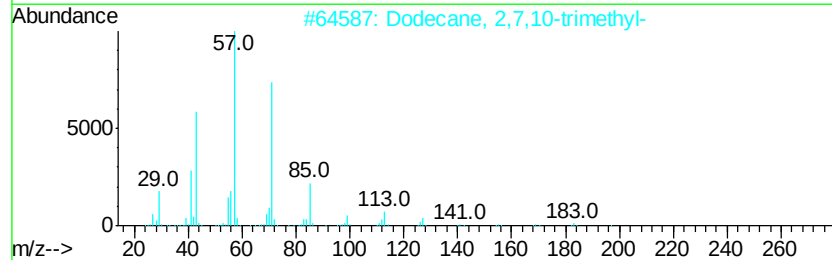
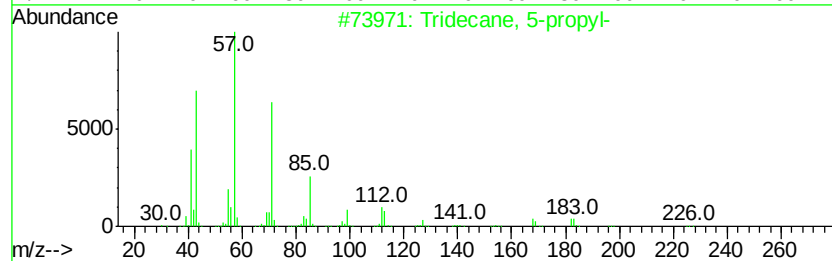
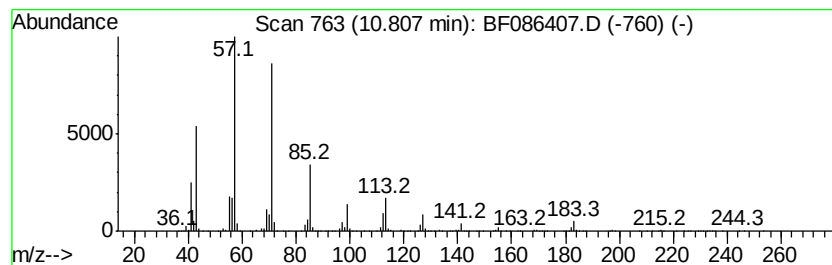
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Tridecane, 5-propyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.81	9.02 ng	1921800	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 5-propyl-	226	C16H34	055045-11-9	94
2		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	83
3		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	80
4		Pentadecane, 4-methyl-	226	C16H34	002801-87-8	72
5		Undecane, 6-ethyl-	184	C13H28	017312-60-6	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086407.D
Acq On : 23 Apr 2016 23:16
Operator : UM/SJ
Sample : H2652-07
Misc :
ALS Vial : 51 Sample Multiplier: 1

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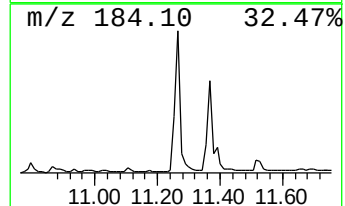
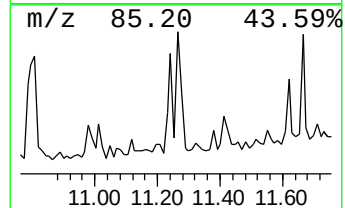
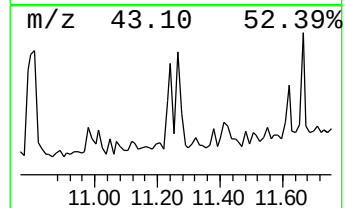
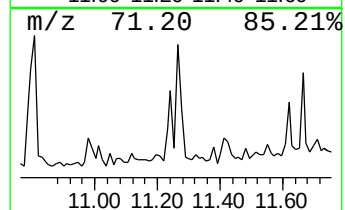
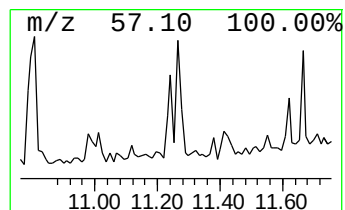
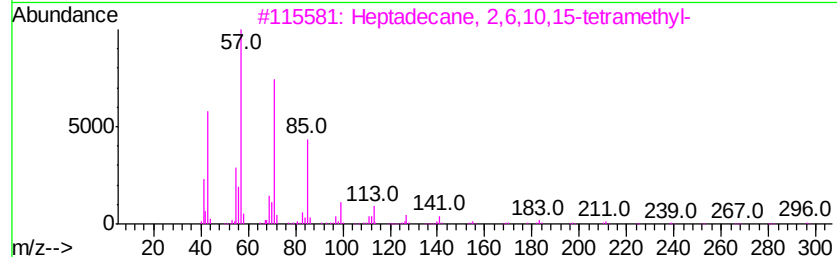
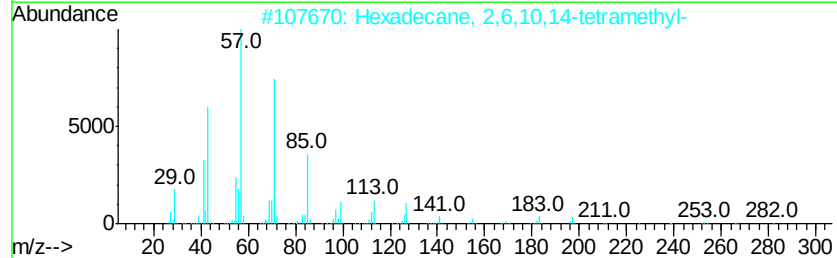
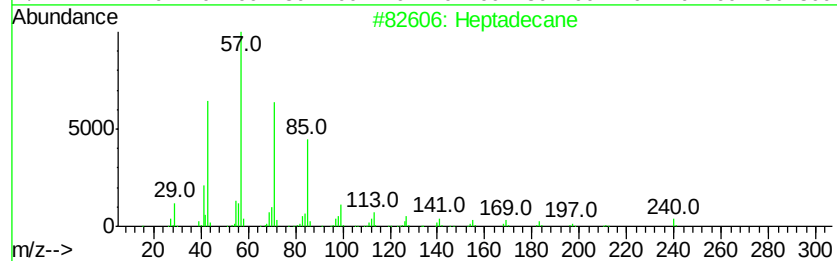
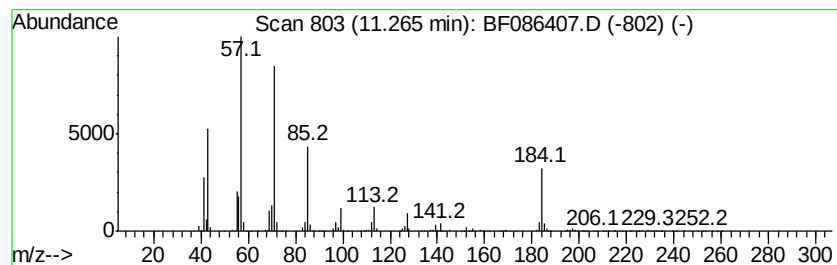
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Heptadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.26	5.70 ng	1213870	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	80
2		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
4		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72
5		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086407.D
Acq On : 23 Apr 2016 23:16
Operator : UM/SJ
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Misc :
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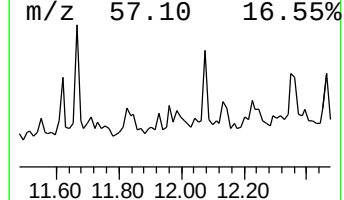
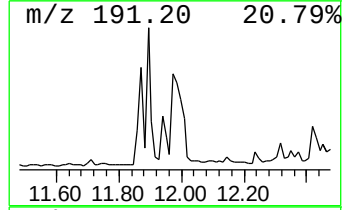
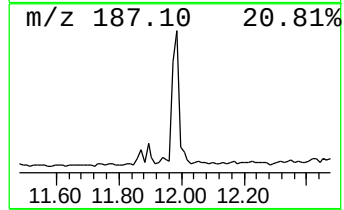
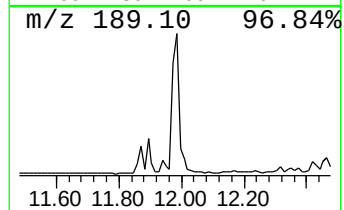
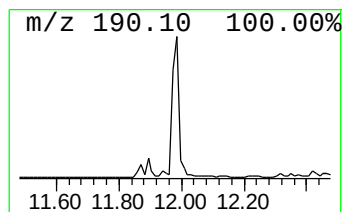
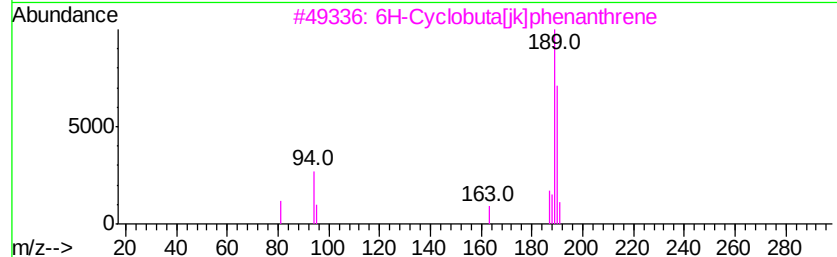
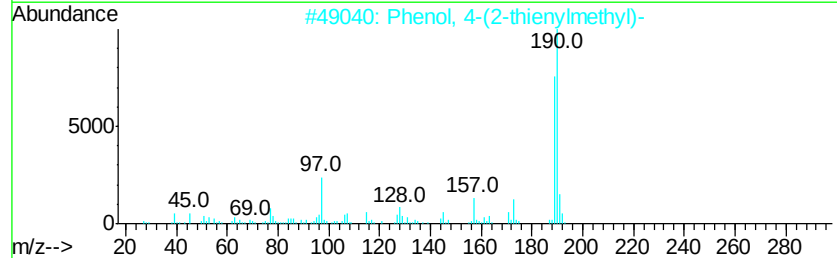
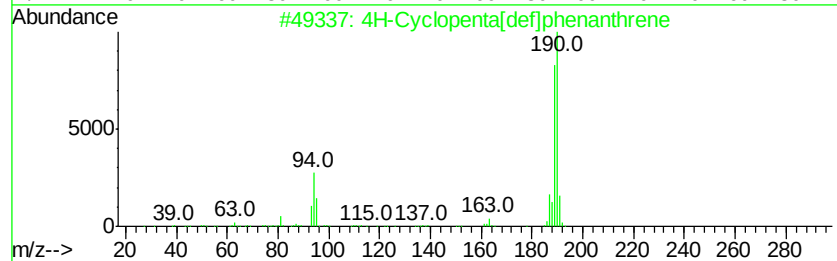
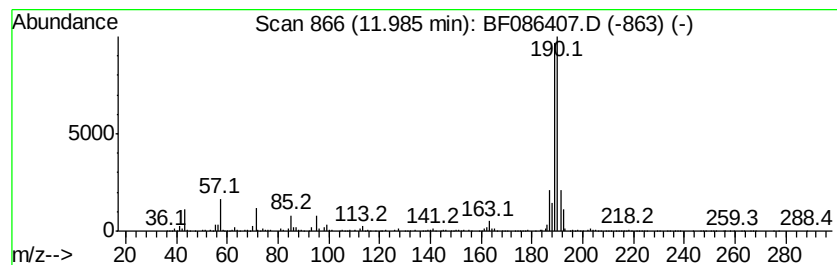
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 4H-Cyclopenta[def]phenanthrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	6.97 ng	1485480	Phenanthrene-d10	11.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	90
2			Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	72
3			6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	56
4			2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	53
5			Benzo[1,2-b:4,3-b']dithiophene	190	C10H6S2	000210-80-0	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
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Sample : H2652-07
Misc :
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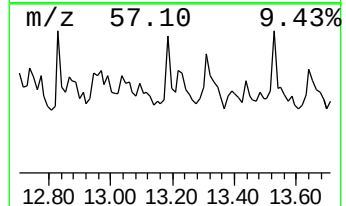
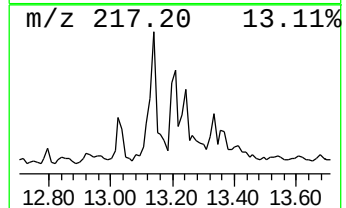
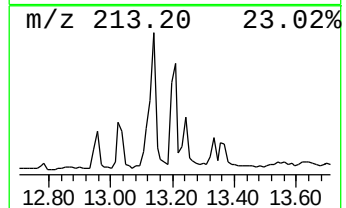
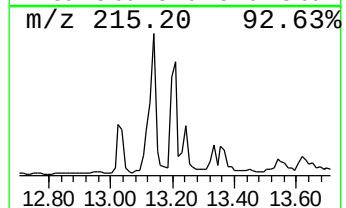
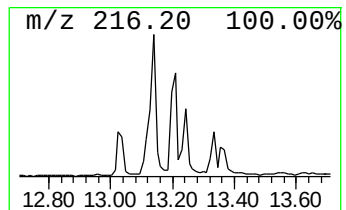
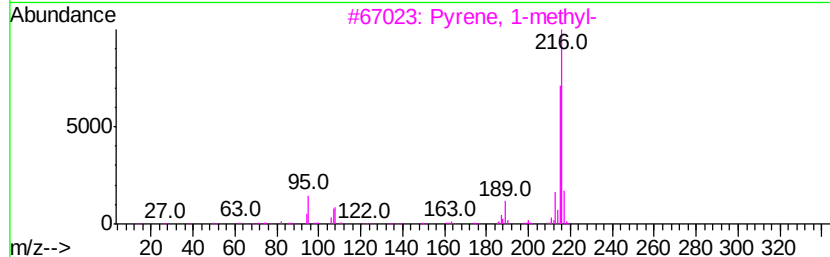
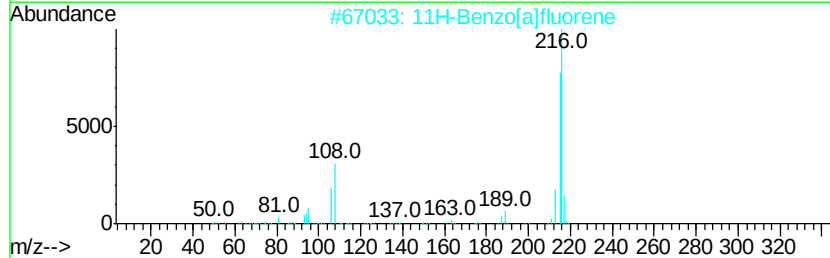
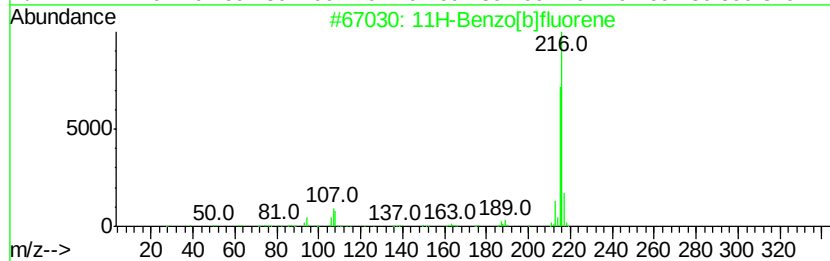
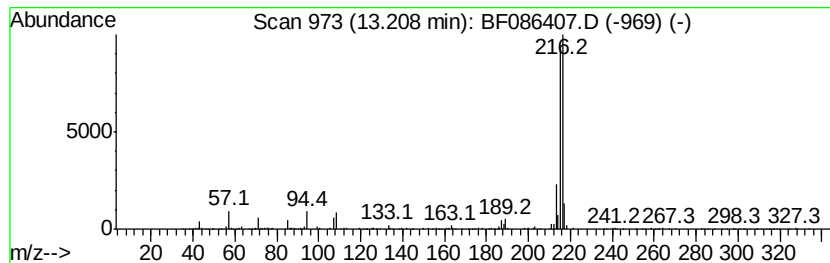
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 11H-Benzo[b]fluorene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.21	7.24 ng	888624	Chrysene-d12	14.01
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		11H-Benzo[b]fluorene	216 C17H12	000243-17-4 93
2		11H-Benzo[a]fluorene	216 C17H12	000238-84-6 90
3		Pvrene, 1-methyl-	216 C17H12	002381-21-7 76
4		Fluoranthene, 2-methyl-	216 C17H12	033543-31-6 70
5		trans-p-(Trifluoromethyl)cinnami...	216 C10H7F3O2	016642-92-5 64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042216\
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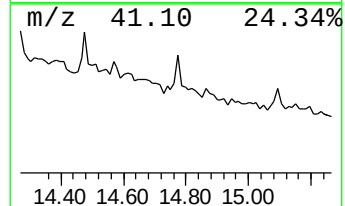
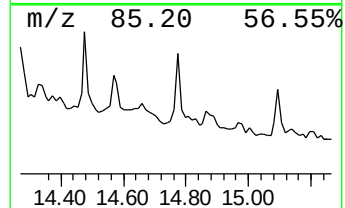
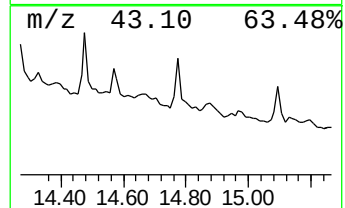
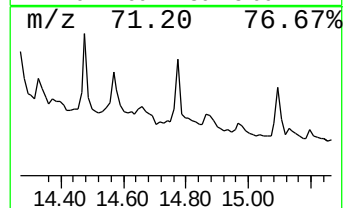
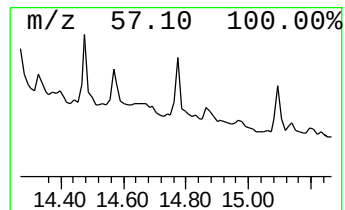
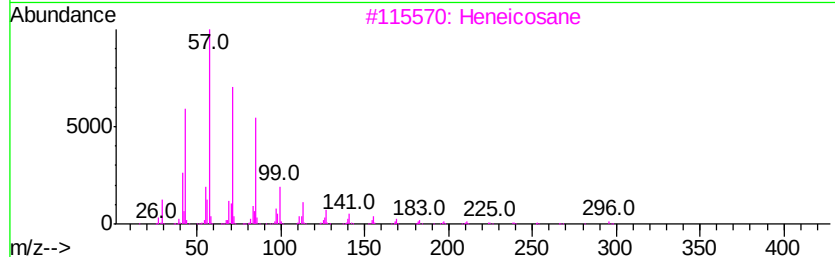
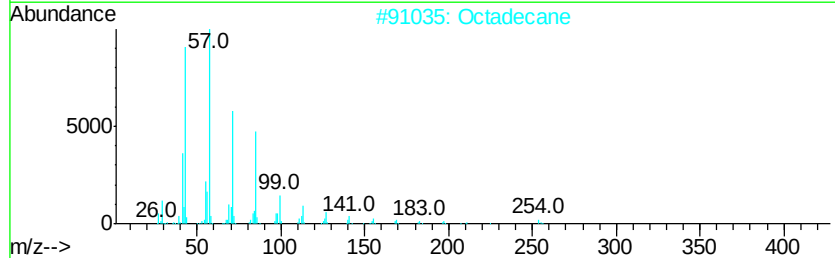
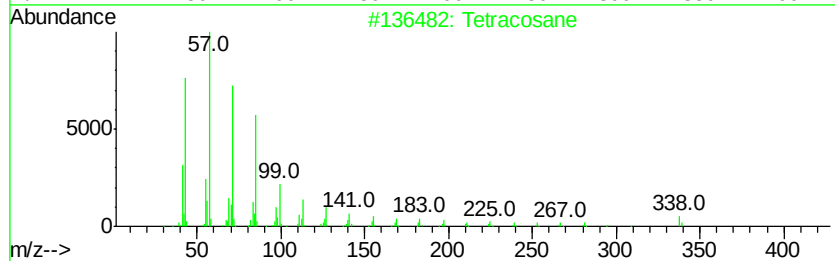
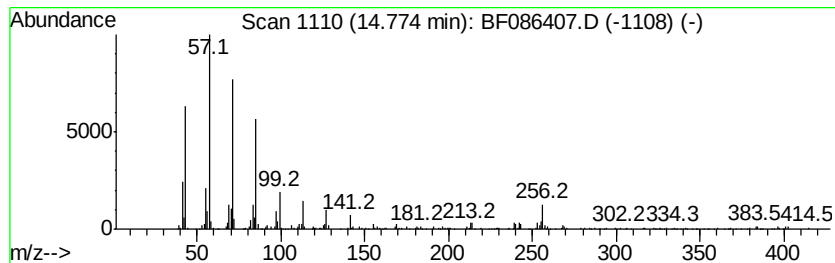
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Tetracosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	15.39 ng	415445	Perylene-d12	15.43
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tetracosane	338 C24H50	000646-31-1 93
2		Octadecane	254 C18H38	000593-45-3 90
3		Heneicosane	296 C21H44	000629-94-7 90
4		Tridecane, 3-methyl-	198 C14H30	006418-41-3 87
5		Pentacosane	352 C25H52	000629-99-2 87



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
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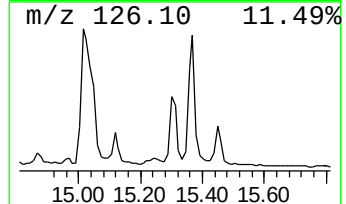
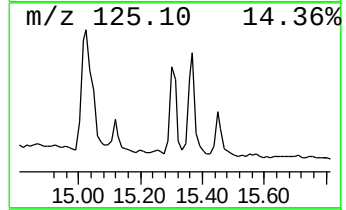
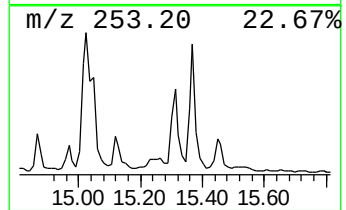
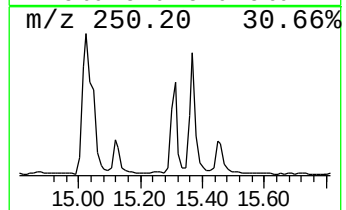
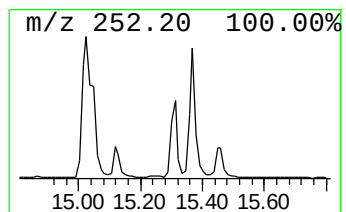
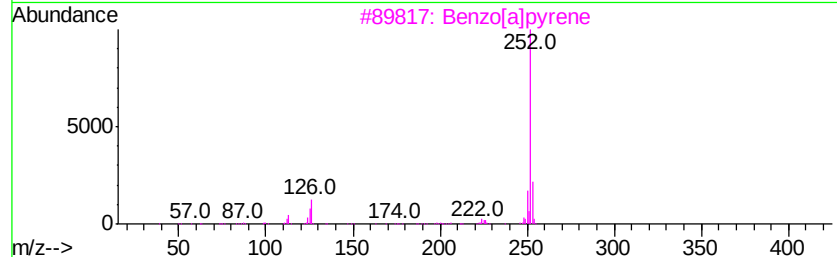
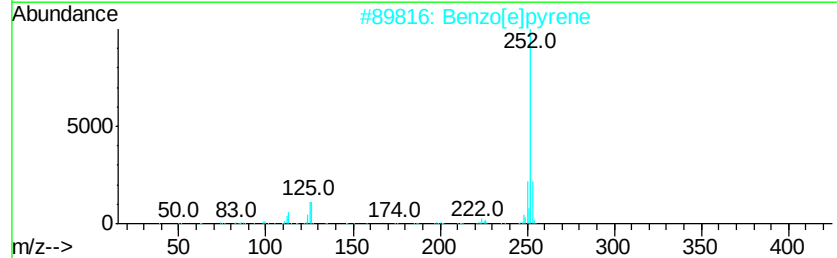
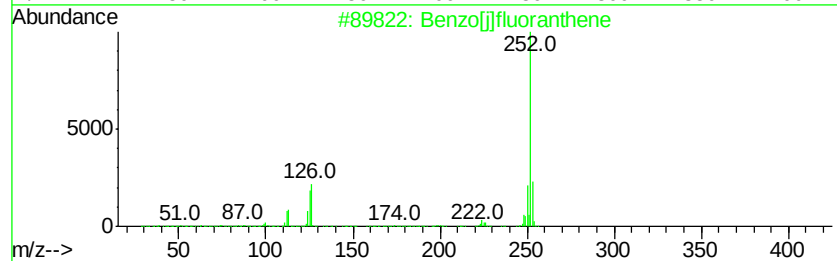
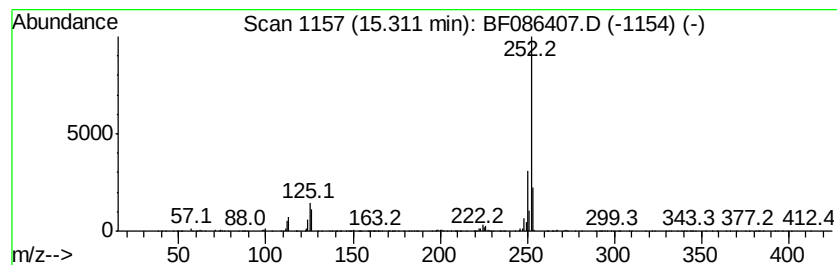
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[j]fluoranthene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.31	25.59 ng	690830	Perylene-d12	15.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[i]fluoranthene	252	C20H12	000205-82-3	94
2		Benzo[e]pyrene	252	C20H12	000192-97-2	94
3		Benzo[a]pyrene	252	C20H12	000050-32-8	93
4		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	91
5		Benzo[k]fluoranthene	252	C20H12	000207-08-9	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042216\
 Data File : BF086407.D
 Acq On : 23 Apr 2016 23:16
 Operator : UM/SJ
 Sample : H2652-07
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WPG-B15(0-5)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.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
unknown6.61	6.61	68.8	ng	3456830	1	6.84	1005460	20.0
Benzene, 1-etheny...	6.68	21.6	ng	1087540	1	6.84	1005460	20.0
Benzene, 1-propenyl-	6.72	11.9	ng	598436	1	6.84	1005460	20.0
Indene	7.10	18.5	ng	932252	1	6.84	1005460	20.0
3,4-Dimethylthiop...	7.71	40.0	ng	2540580	2	8.13	1268780	20.0
Benzene, 1-methyl...	8.35	20.1	ng	1274640	2	8.13	1268780	20.0
trans-Cinnamyl br...	8.83	9.1	ng	577404	2	8.13	1268780	20.0
2,4-Dimethylthiop...	9.33	8.3	ng	587437	3	9.88	1407670	20.0
Nonane, 5-butyl-	9.81	5.6	ng	392857	3	9.88	1407670	20.0
Pentadecane	10.32	5.7	ng	400349	3	9.88	1407670	20.0
Undecane, 3,6-dim...	10.53	14.1	ng	989804	3	9.88	1407670	20.0
Tridecane, 5-propyl-	10.81	9.0	ng	1921800	4	11.37	4262770	20.0
Heptadecane	11.26	5.7	ng	1213870	4	11.37	4262770	20.0
4H-Cyclopenta[def...	11.98	7.0	ng	1485480	4	11.37	4262770	20.0
11H-Benzo[b]fluorene	13.21	7.2	ng	888624	5	14.01	2454420	20.0
Tetracosane	14.77	15.4	ng	415445	6	15.43	540010	20.0
Benzo[j]fluoranthene	15.31	25.6	ng	690830	6	15.43	540010	20.0