

Data Path : V:\HPCHEM1\BNA_F\DATA\BF121515\
 Data File : BF083826.D
 Acq On : 15 Dec 2015 18:51
 Operator : UM/IZ
 Sample : G4739-16
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 K201-27-28

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-BF121315.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	5.093	260	263	266	rBV	464024	620530	26.63%	1.458%
2	5.516	297	300	303	rVB	1952301	2007989	86.17%	4.719%
3	5.733	317	319	327	rBV2	69224	93296	4.00%	0.219%
4	5.916	332	335	337	rBV	26872	32206	1.38%	0.076%
5	6.544	387	390	392	rVB	1710864	2330359	100.00%	5.477%
6	6.670	399	401	404	rBV	1895826	2093017	89.82%	4.919%
7	6.739	404	407	409	rVV	102428	116489	5.00%	0.274%
8	6.784	409	411	413	rVB	31804	43632	1.87%	0.103%
9	6.899	419	421	423	rVB	509738	541888	23.25%	1.274%
10	7.059	433	435	437	rVV	1696064	1611140	69.14%	3.786%
11	7.162	443	444	448	rVB	76145	98591	4.23%	0.232%
12	7.459	467	470	473	rBV	930536	1364970	58.57%	3.208%
13	7.516	473	475	477	rVV2	25836	49063	2.11%	0.115%
14	7.562	477	479	481	rVB3	36255	52939	2.27%	0.124%
15	7.722	491	493	494	rVB2	26110	33245	1.43%	0.078%
16	7.756	494	496	498	rBV2	56525	103035	4.42%	0.242%
17	7.916	505	510	511	rBV4	33243	60444	2.59%	0.142%
18	7.939	511	512	514	rBV	41654	46509	2.00%	0.109%
19	8.007	517	518	521	rVB2	54409	71294	3.06%	0.168%
20	8.076	521	524	525	rBV2	27528	52275	2.24%	0.123%
21	8.190	531	534	538	rBV2	780236	978445	41.99%	2.300%
22	8.259	538	540	541	rVB2	35342	36906	1.58%	0.087%
23	8.293	541	543	546	rVB2	40257	86163	3.70%	0.202%
24	8.350	546	548	550	rBV2	23354	51245	2.20%	0.120%
25	8.407	550	553	556	rVB2	101624	130937	5.62%	0.308%
26	8.465	556	558	561	rBV	116167	155987	6.69%	0.367%
27	8.579	566	568	570	rBV2	39785	60489	2.60%	0.142%
28	8.659	572	575	576	rVB2	74300	123866	5.32%	0.291%
29	8.705	576	579	580	rBV2	53431	91176	3.91%	0.214%
30	8.739	580	582	584	rBV3	35671	58154	2.50%	0.137%
31	8.830	588	590	593	rVV4	35737	59426	2.55%	0.140%
32	8.899	595	596	598	rVB	124027	101437	4.35%	0.238%
33	8.945	598	600	601	rBV	31977	47847	2.05%	0.112%
34	9.002	604	605	606	rVB	77912	53448	2.29%	0.126%

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35	9.082	610	612	613	rBV2	51417	77254	3.32%	0.182%
36	9.150	616	618	619	rBV2	61486	84288	3.62%	0.198%
37	9.185	619	621	623	rBV2	91472	104427	4.48%	0.245%
38	9.219	623	624	626	rBV2	44314	47454	2.04%	0.112%
39	9.265	626	628	630	rVB	2250039	1969497	84.51%	4.629%
40	9.356	630	636	638	rBV4	112278	251287	10.78%	0.591%
41	9.390	638	639	641	rVV2	51487	61551	2.64%	0.145%
42	9.470	644	646	648	rVV2	70362	87212	3.74%	0.205%
43	9.653	661	662	665	rVB2	366208	472764	20.29%	1.111%
44	9.710	665	667	670	rBV4	54141	129120	5.54%	0.303%
45	9.802	673	675	678	rBV	406527	494156	21.21%	1.161%
46	9.859	678	680	681	rVV	119369	91252	3.92%	0.214%
47	9.939	685	687	689	rVV	524971	701269	30.09%	1.648%
48	10.008	689	693	696	rVB4	20519	87712	3.76%	0.206%
49	10.213	709	711	713	rBV2	90501	83443	3.58%	0.196%
50	10.396	725	727	729	rVB2	140107	183219	7.86%	0.431%
51	10.442	729	731	734	rBV2	98172	225432	9.67%	0.530%
52	10.499	734	736	738	rVV3	75976	161021	6.91%	0.378%
53	10.728	754	756	758	rBV	973858	1052400	45.16%	2.473%
54	10.853	766	767	771	rVB3	163489	237215	10.18%	0.558%
55	10.933	772	774	775	rBV2	114918	146055	6.27%	0.343%
56	11.185	794	796	798	rBV3	112241	134871	5.79%	0.317%
57	11.425	815	817	821	rBV2	533518	749374	32.16%	1.761%
58	11.505	822	824	825	rVB	235699	258848	11.11%	0.608%
59	11.539	825	827	831	rBV5	104124	322049	13.82%	0.757%
60	11.665	836	838	840	rBV	271722	388340	16.66%	0.913%
61	11.791	847	849	852	rVB	263723	343889	14.76%	0.808%
62	11.836	852	853	855	rVB	170060	175471	7.53%	0.412%
63	11.939	860	862	866	rBV3	355860	697852	29.95%	1.640%
64	12.008	866	868	869	rBV2	294930	389369	16.71%	0.915%
65	12.042	869	871	873	rBV2	329784	454216	19.49%	1.067%
66	12.202	883	885	888	rVB	934640	1083754	46.51%	2.547%
67	12.294	891	893	894	rBV	339813	347952	14.93%	0.818%
68	12.328	894	896	898	rVV2	230344	345889	14.84%	0.813%
69	12.419	902	904	906	rVB2	224547	343544	14.74%	0.807%
70	12.476	907	909	911	rBV2	362796	627521	26.93%	1.475%
71	12.522	911	913	915	rVB2	446801	607316	26.06%	1.427%

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72	12.568	915	917	922	rBV3	263461	641064	27.51%	1.507%
73	12.648	922	924	925	rBV	478215	608836	26.13%	1.431%
74	12.808	936	938	941	rBV3	257051	393733	16.90%	0.925%
75	12.876	941	944	947	rVV	955912	1588346	68.16%	3.733%
76	12.934	947	949	951	rVV2	183917	238811	10.25%	0.561%
77	13.014	954	956	961	rVV	1468632	1531338	65.71%	3.599%
78	13.094	961	963	966	rVB2	279235	455393	19.54%	1.070%
79	13.151	966	968	969	rBV	136104	194597	8.35%	0.457%
80	13.197	971	972	974	rVB	574380	564933	24.24%	1.328%
81	13.265	976	978	980	rVV	507760	501955	21.54%	1.180%
82	13.299	980	981	985	rVV2	370885	618240	26.53%	1.453%
83	13.391	985	989	991	rVV	297463	727326	31.21%	1.709%
84	13.425	991	992	994	rVB	403359	354361	15.21%	0.833%
85	13.814	1024	1026	1027	rBV2	160973	232004	9.96%	0.545%
86	14.065	1045	1048	1054	rVB3	769151	1978014	84.88%	4.649%
87	14.419	1077	1079	1080	rBV	125390	183766	7.89%	0.432%
88	14.454	1080	1082	1083	rVV	474227	531944	22.83%	1.250%
89	14.488	1083	1085	1086	rVB	239600	258150	11.08%	0.607%
90	14.545	1086	1090	1091	rBV4	218876	376652	16.16%	0.885%
91	14.580	1091	1093	1096	rVB3	174890	345806	14.84%	0.813%
92	15.094	1135	1138	1143	rVV	326189	686471	29.46%	1.613%
93	15.197	1145	1147	1149	rVB	164278	188919	8.11%	0.444%
94	15.391	1161	1164	1166	rVB	212938	319444	13.71%	0.751%
95	15.448	1166	1169	1171	rVV	418254	513700	22.04%	1.207%
96	15.505	1171	1174	1181	rVB2	285547	491589	21.09%	1.155%
97	16.054	1220	1222	1225	rVB2	62376	88449	3.80%	0.208%
98	16.934	1296	1299	1303	rVB2	105671	208118	8.93%	0.489%
99	17.368	1334	1337	1342	rVB	81856	177974	7.64%	0.418%
100	17.597	1354	1357	1360	rVB	36536	72999	3.13%	0.172%

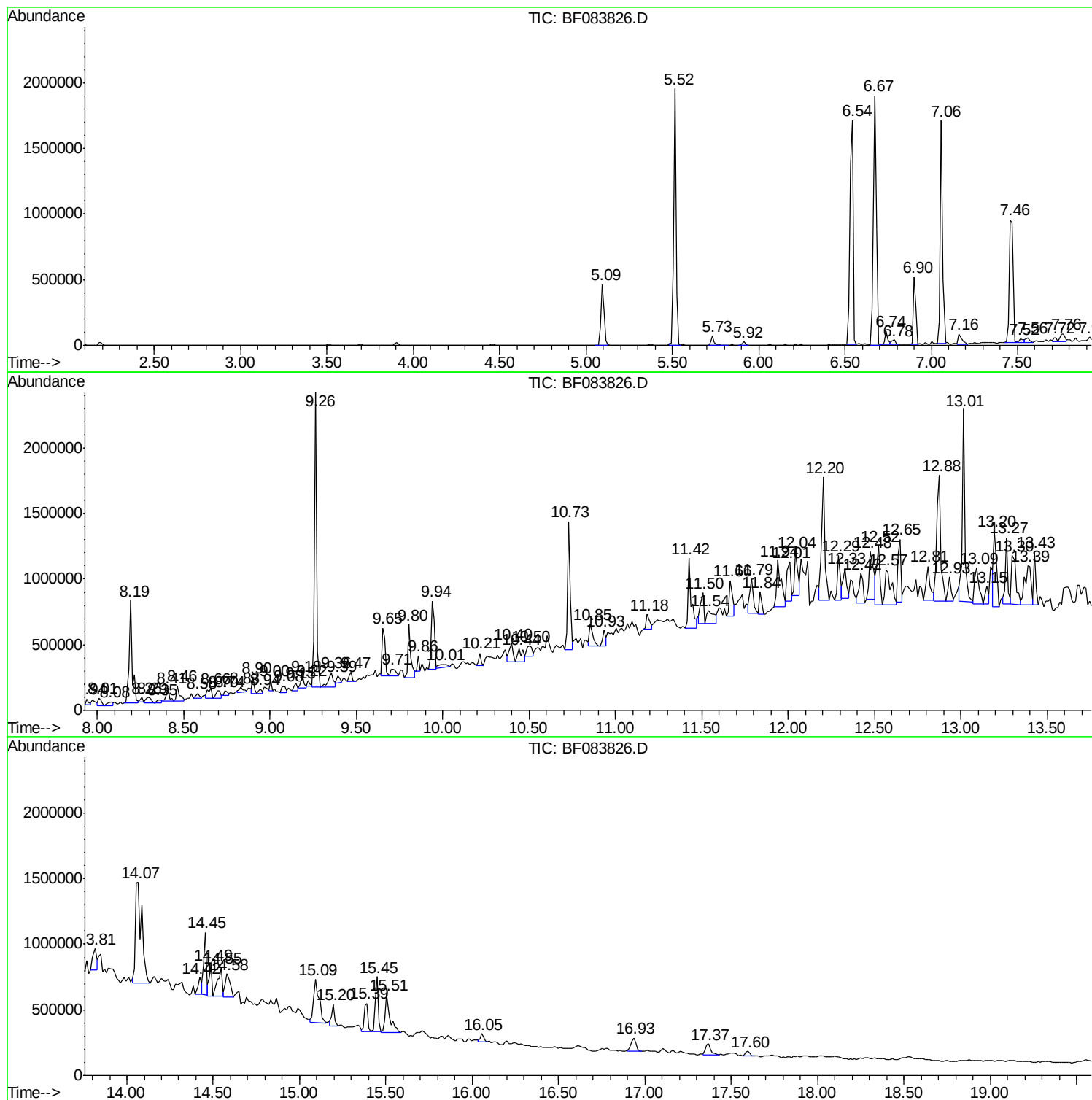
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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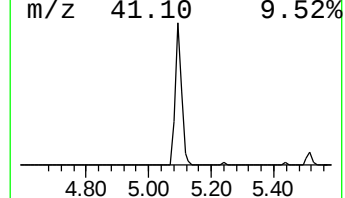
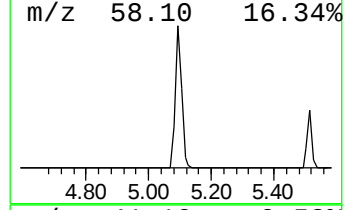
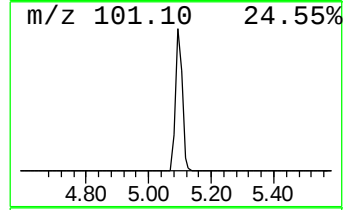
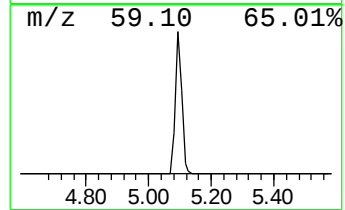
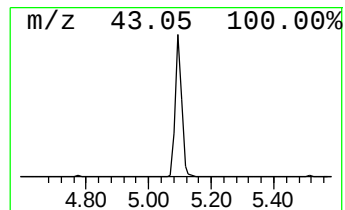
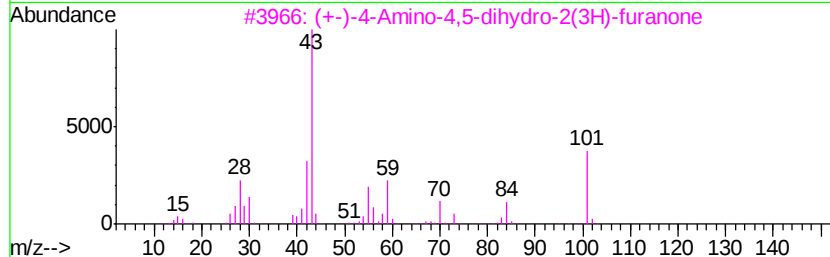
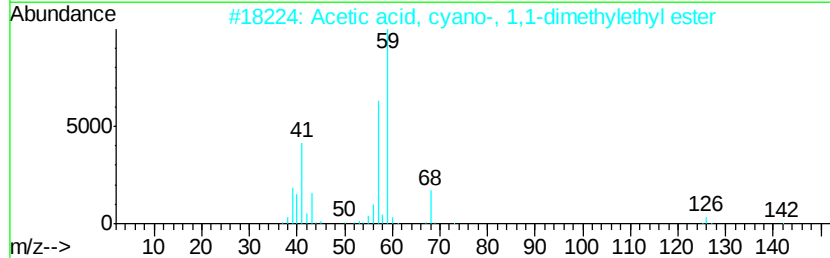
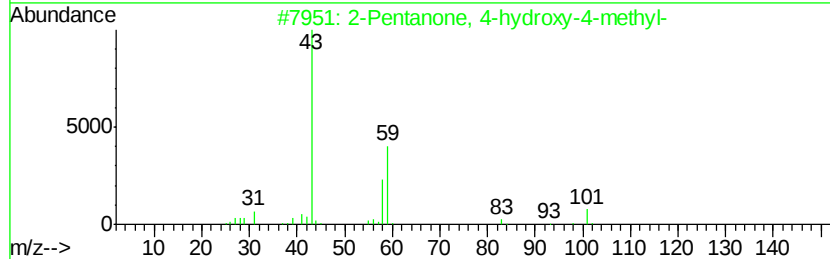
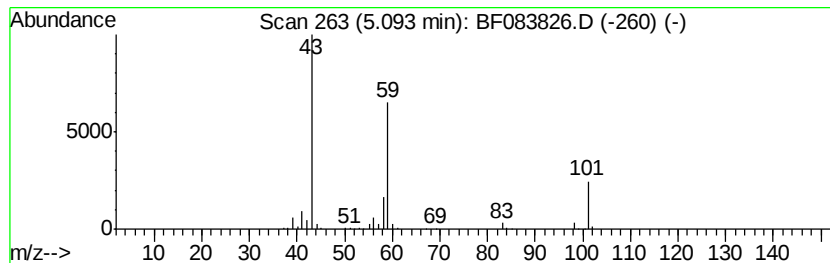
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	22.90 ng	620530	1,4-Dichlorobenzene-d4	6.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	25
3		(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
4		5-Hexen-2-one	98	C6H10O	000109-49-9	9
5		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



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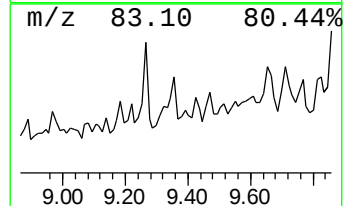
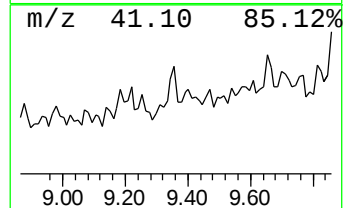
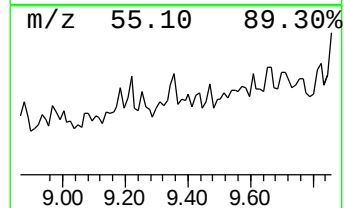
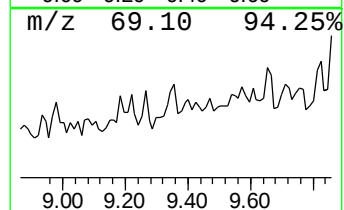
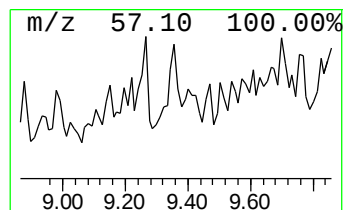
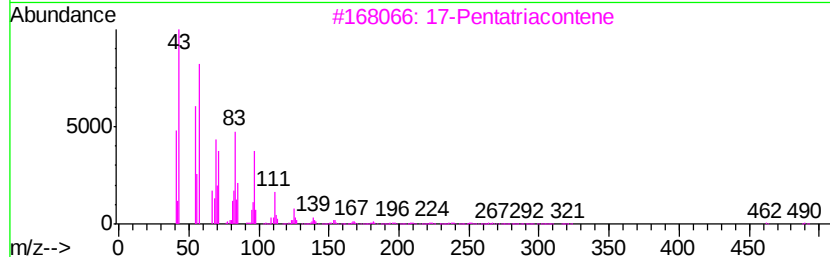
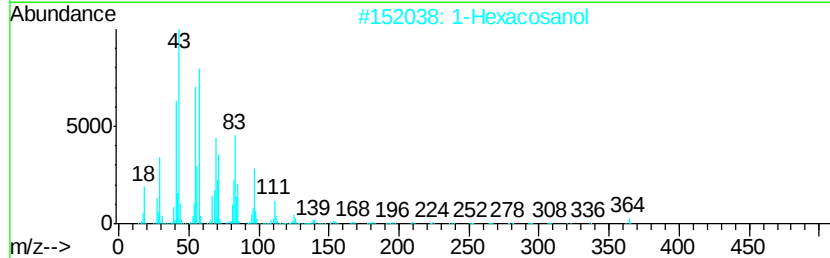
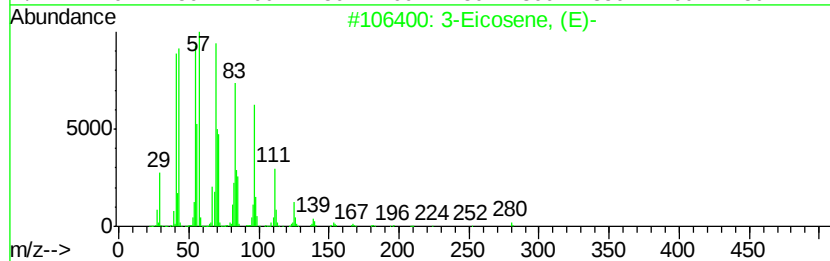
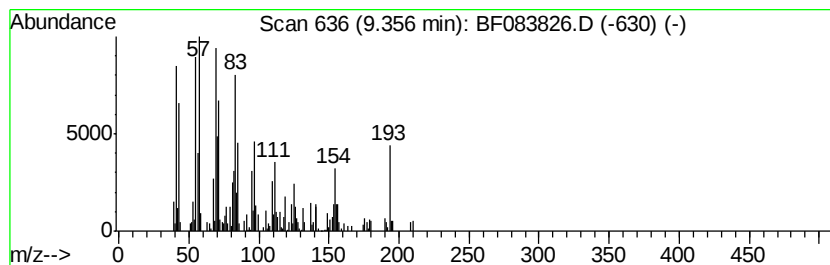
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown9.36 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.		
9.36	7.17 ng	251287	Acenaphthene-d10		9.94		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3		Eicosene, (E)-	280	C20H40	074685-33-9	43
2	1		Hexacosanol	382	C26H54O	000506-52-5	38
3	17		Pentatriacontene	491	C35H70	006971-40-0	38
4	4		Butyl-cyclohexanone	154	C10H18O	061203-82-5	30
5			Dodecane, 5-cyclohexyl-	252	C18H36	013151-85-4	30



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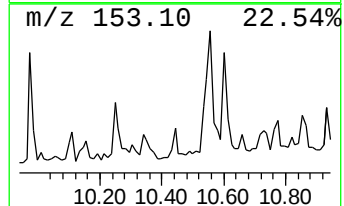
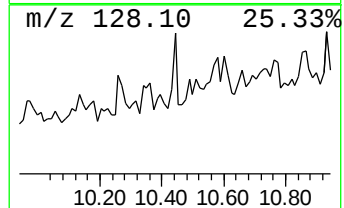
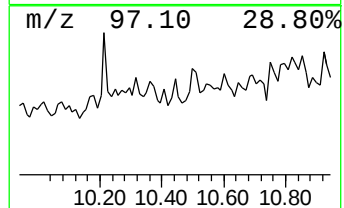
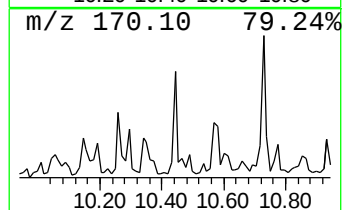
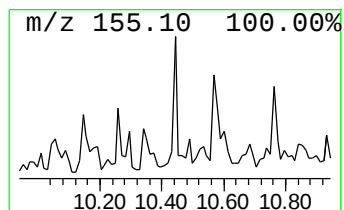
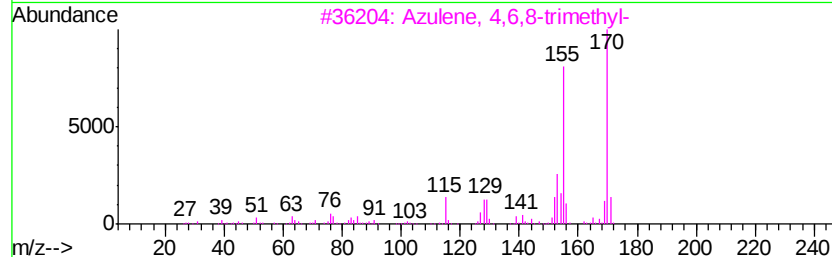
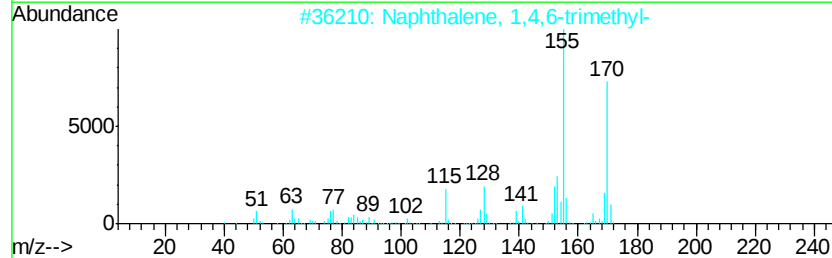
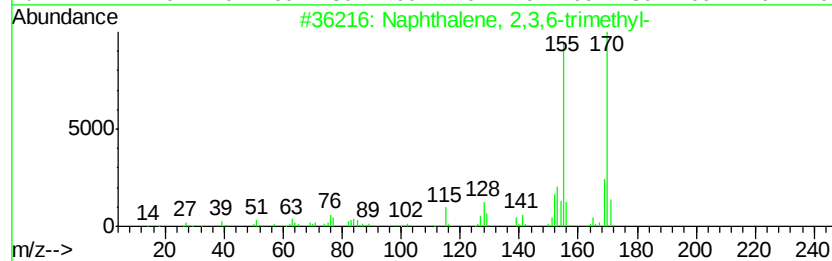
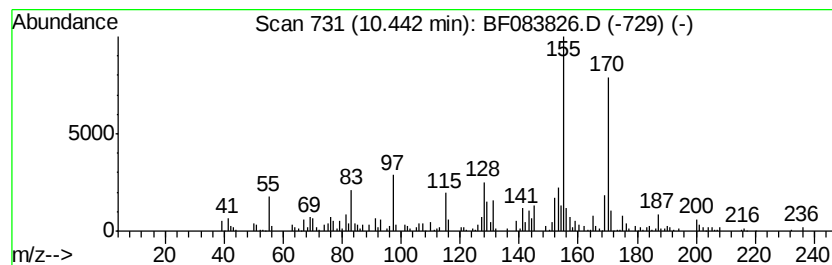
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Peak Number 5 Naphthalene, 2,3,6-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.44	6.43 ng	225432	Acenaphthene-d10	9.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
3		Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	93
4		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
5		3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	91



Data Path : V:\HPCHEM1\BNA F\DATA\BF121515\
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Acq On : 15 Dec 2015 18:51
Operator : UM/IZ
Sample : G4739-16
Misc :
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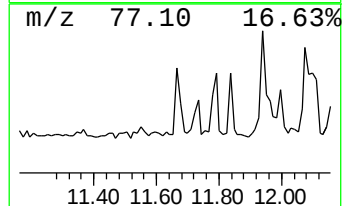
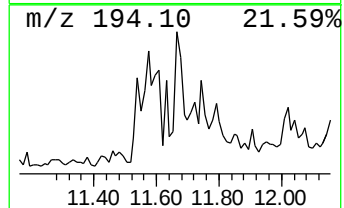
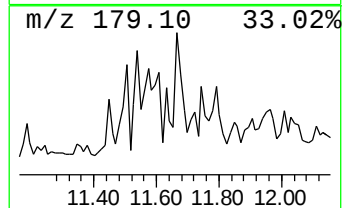
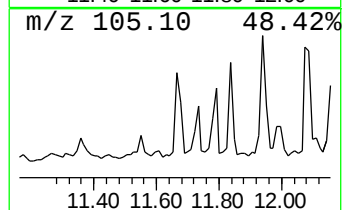
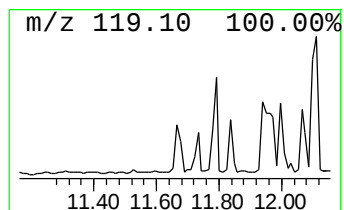
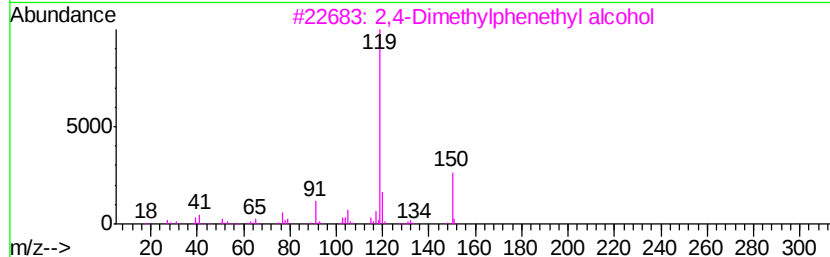
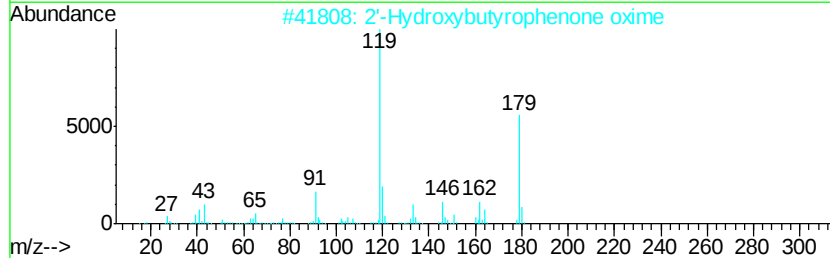
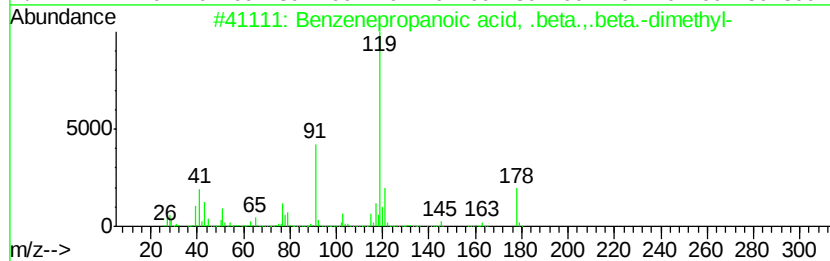
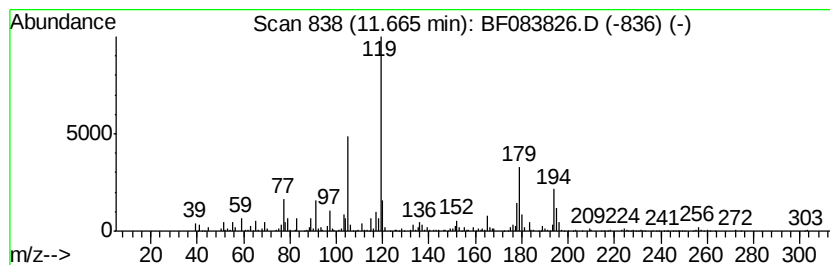
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown11.66 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.66	10.36 ng	388340	Phenanthrene-d10	11.42	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenepropanoic acid, .beta.,.b...	178	C11H14O2	001010-48-6	49
2	2'-Hydroxybutyrophenone oxime	179	C10H13NO2	021667-43-6	47
3	2,4-Dimethylphenethyl alcohol	150	C10H14O	006597-59-7	43
4	2,4-Dimethylbenzyl chloride	154	C9H11Cl	000824-55-5	43
5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	43



Data Path : V:\HPCHEM1\BNA F\DATA\BF121515\
Data File : BF083826.D
Acq On : 15 Dec 2015 18:51
Operator : UM/IZ
Sample : G4739-16
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampled :
K201-27-28

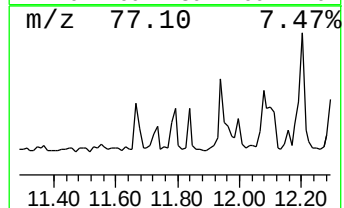
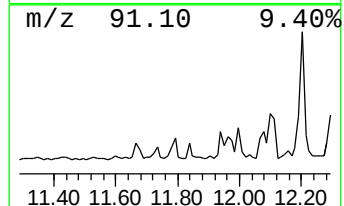
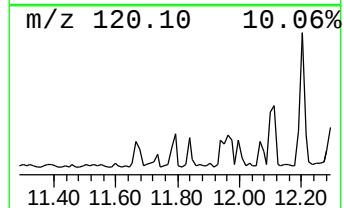
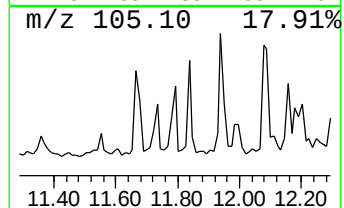
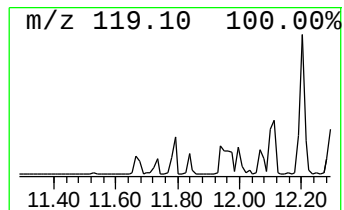
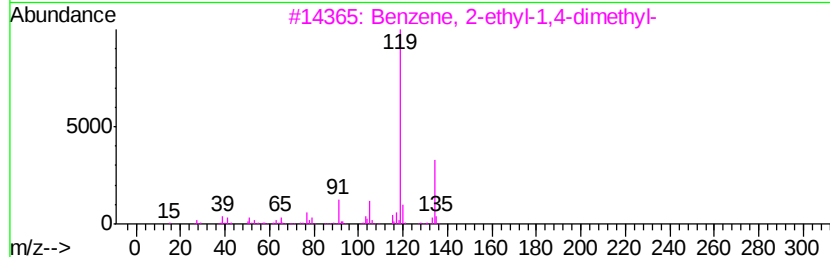
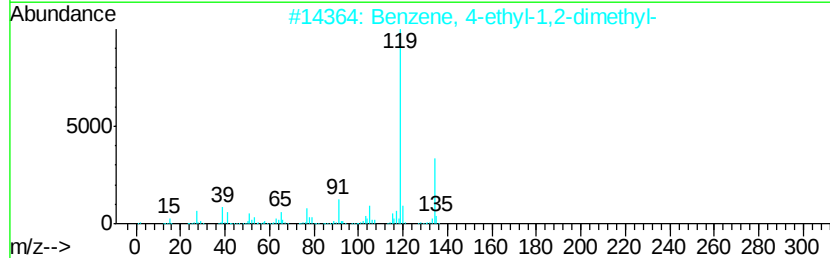
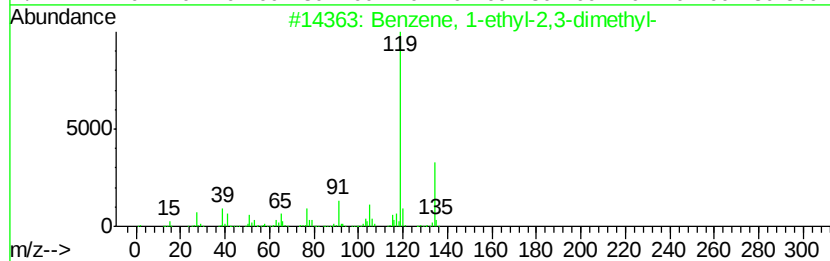
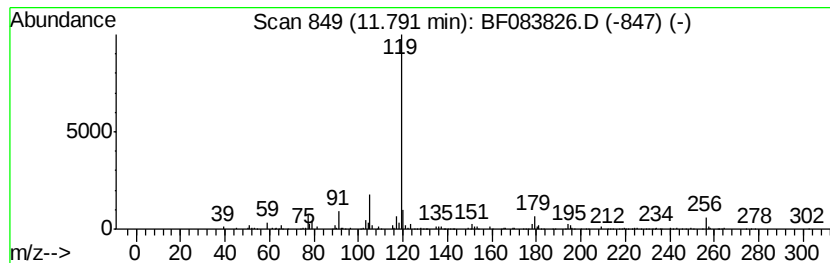
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	9.18 ng	343889	Phenanthrene-d10	11.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	72
2		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	72
3		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	72
4		N-(Mesitylenesulfonyl)imidazole	250	C12H14N2O2S	050257-39-1	64
5		Bis[3,4-dimethylbenzyl]sulfone	302	C18H22O2S	034277-83-3	64



Data Path : V:\HPCHEM1\BNA F\DATA\BF121515\
Data File : BF083826.D
Acq On : 15 Dec 2015 18:51
Operator : UM/IZ
Sample : G4739-16
Misc :
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Instrument :
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ClientSampled :
K201-27-28

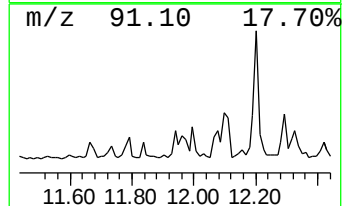
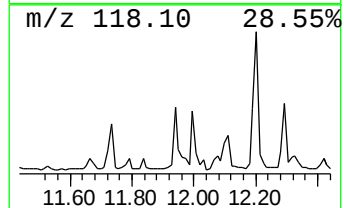
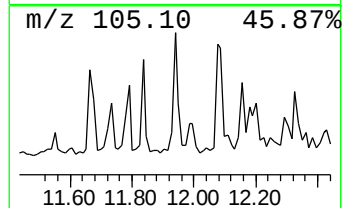
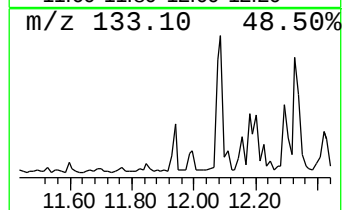
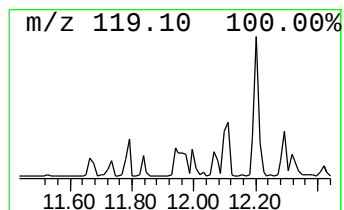
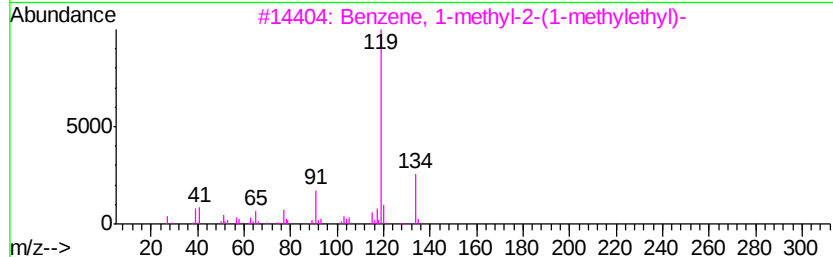
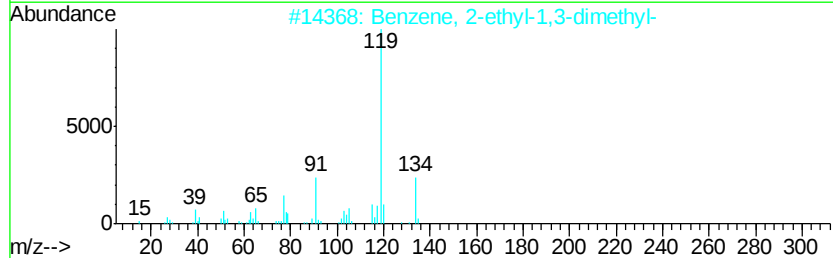
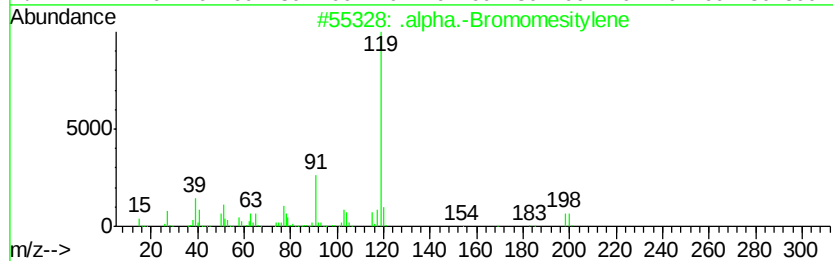
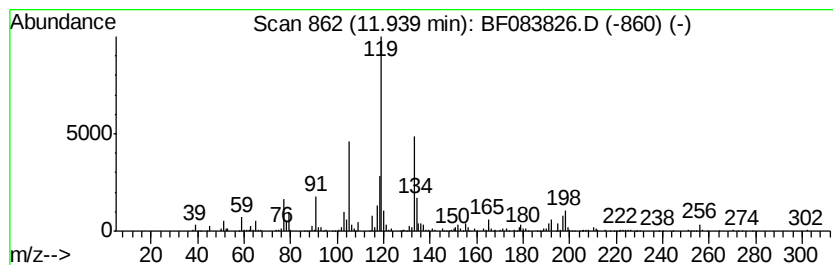
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 .alpha.-Bromomesitylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	18.62 ng	697852	Phenanthrene-d10	11.42

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		.alpha.-Bromomesitylene	198	C9H11Br	027129-86-8	78
2		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	60
3		Benzene, 1-methyl-2-(1-methylethyl)-	134	C10H14	000527-84-4	55
4		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	55
5		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	53



Data Path : V:\HPCHEM1\BNA F\DATA\BF121515\
Data File : BF083826.D
Acq On : 15 Dec 2015 18:51
Operator : UM/IZ
Sample : G4739-16
Misc :
ALS Vial : 15 Sample Multiplier: 1

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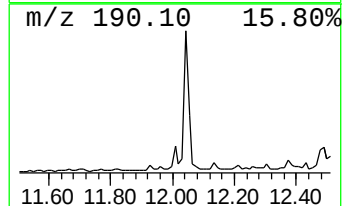
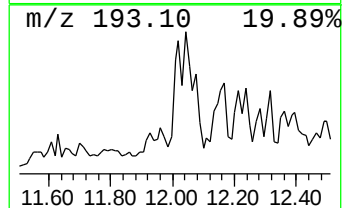
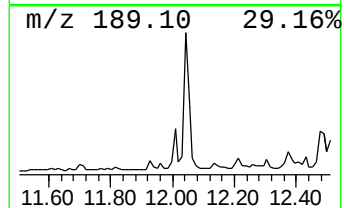
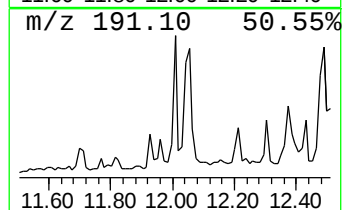
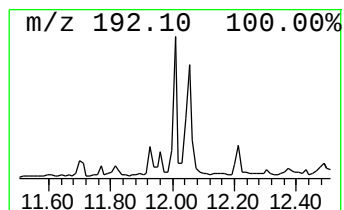
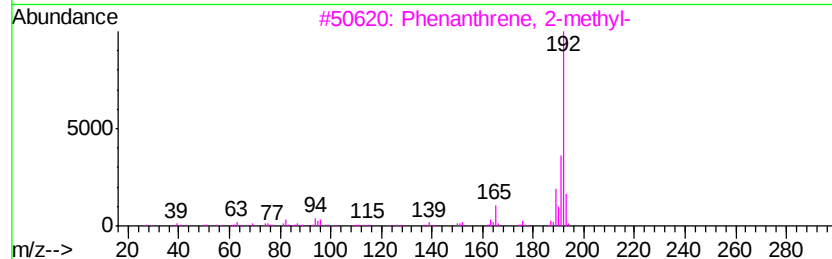
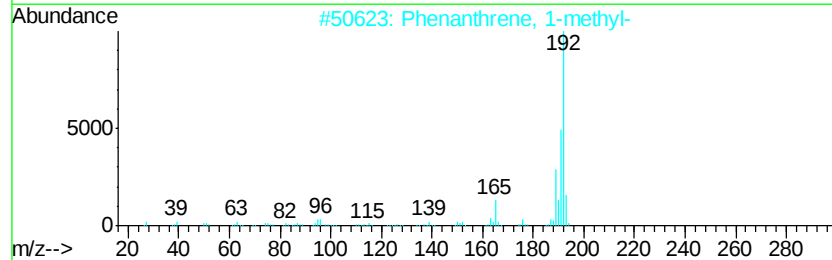
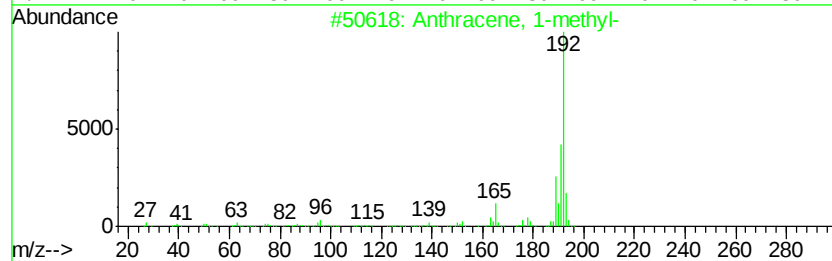
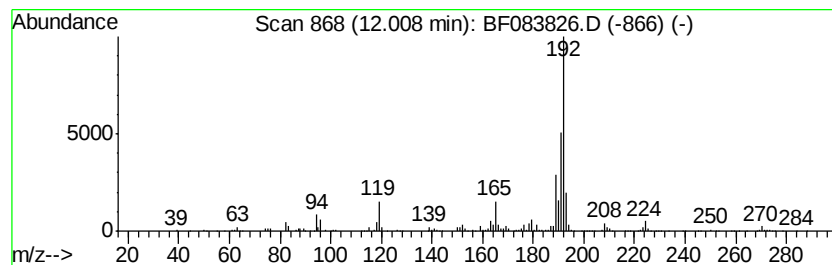
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Anthracene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	10.39 ng	389369	Phenanthrene-d10	11.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	97
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	90



Data Path : V:\HPCHEM1\BNA_F\DATA\BF121515\
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Acq On : 15 Dec 2015 18:51
Operator : UM/IZ
Sample : G4739-16
Misc :
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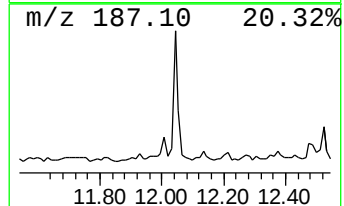
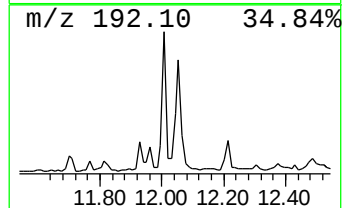
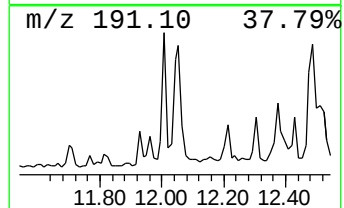
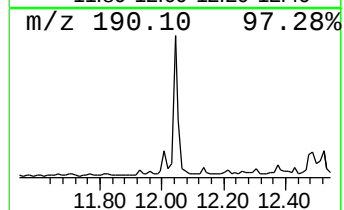
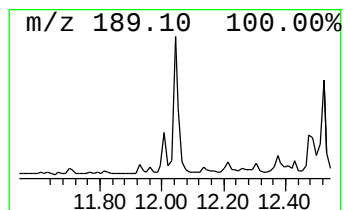
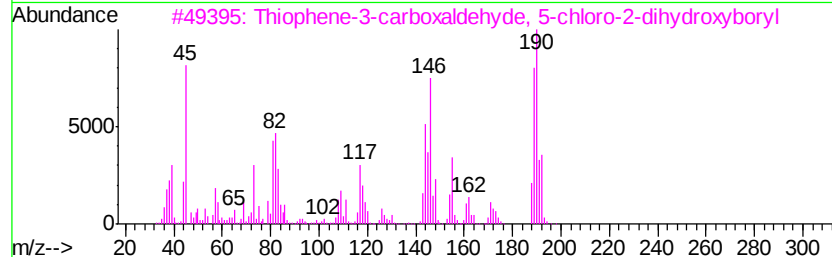
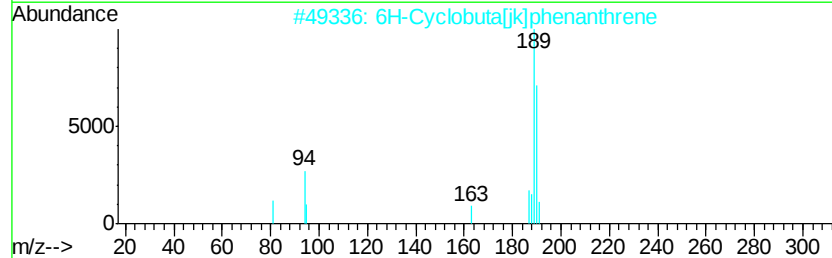
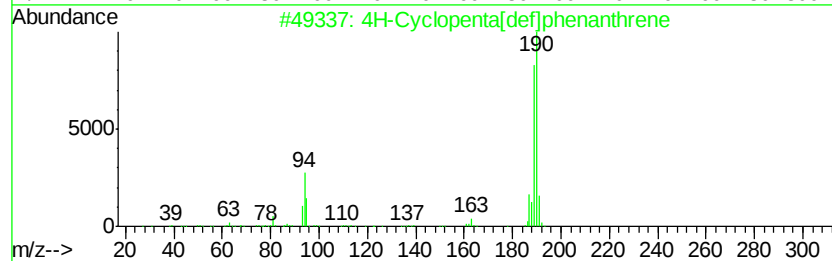
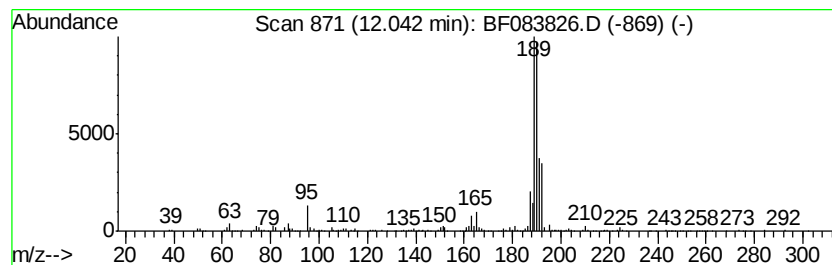
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.04	12.12 ng	454216	Phenanthrene-d10	11.42	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	6H-Cyclobuta[i]k]phenanthrene	190	C15H10	083469-43-6	72
3	Thiophene-3-carboxaldehyde, 5-chloro-2-dihydroxyboryl	190	C5H4BClO3S	036155-87-0	59
4	Benzene-1,2-dicarbonitrile, 4-chloro-2-dihydroxyboryl	247	C12H10ClN3O	309735-19-1	23
5	1,4-Naphthalenedione, 2,5-dihydroxyboryl	190	C10H6O4	004923-55-1	17



Data Path : V:\HPCHEM1\BNA F\DATA\BF121515\
Data File : BF083826.D
Acq On : 15 Dec 2015 18:51
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ClientSampleId :
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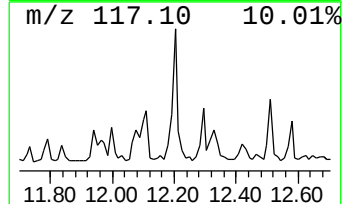
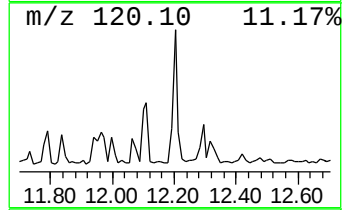
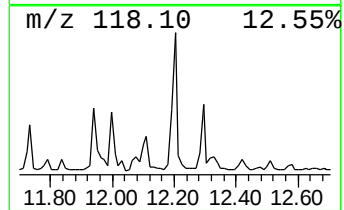
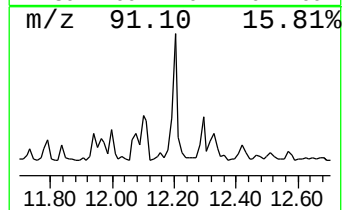
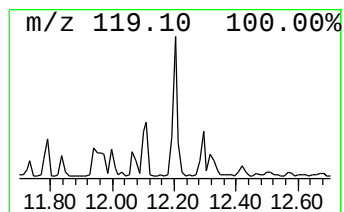
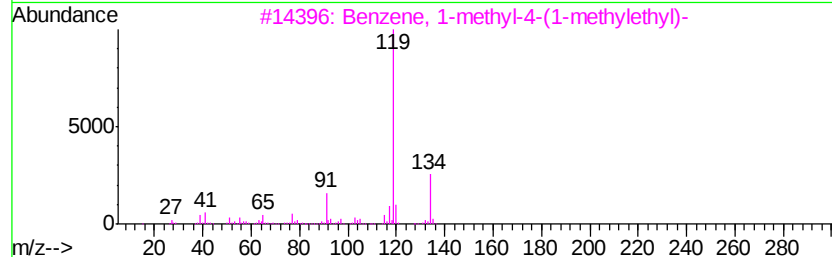
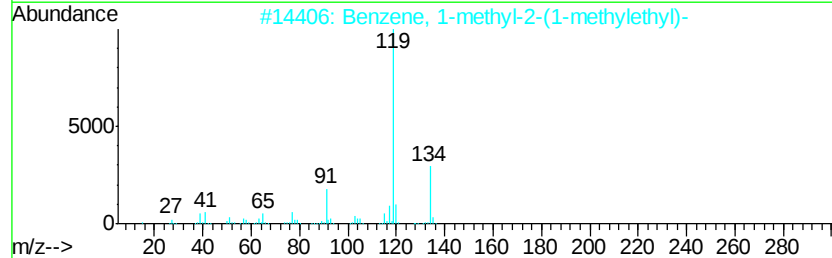
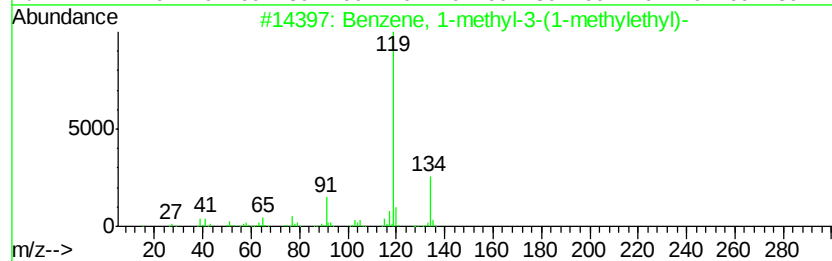
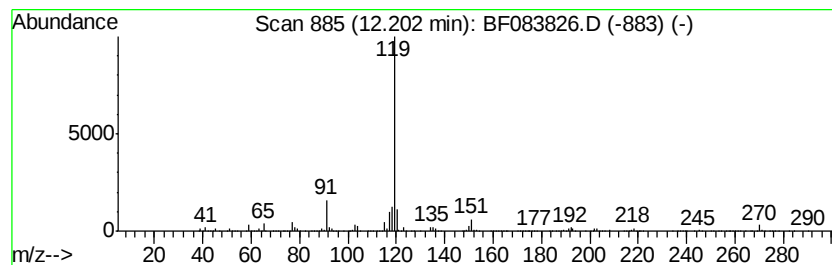
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzene, 1-methyl-3-(1-meth... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.20	28.92 ng	1083750	Phenanthrene-d10	11.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	81
2		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	72
3		Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	72
4		1-Chloro-2-methyl-2-phenylpropane	168	C10H13Cl	000515-40-2	64
5		Menthane, 3-chloro-8-phenyl-	250	C16H23Cl	184007-21-4	64



Data Path : V:\HPCHEM1\BNA_F\DATA\BF121515\
Data File : BF083826.D
Acq On : 15 Dec 2015 18:51
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ALS Vial : 15 Sample Multiplier: 1

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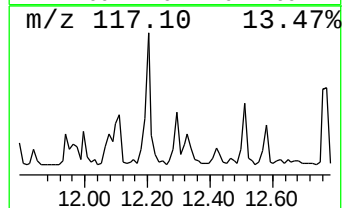
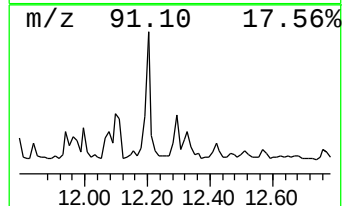
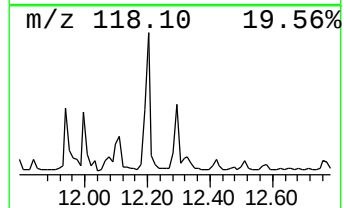
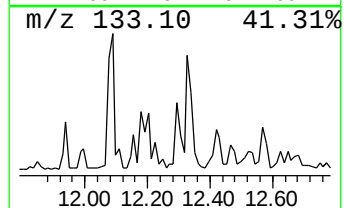
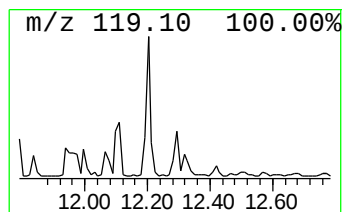
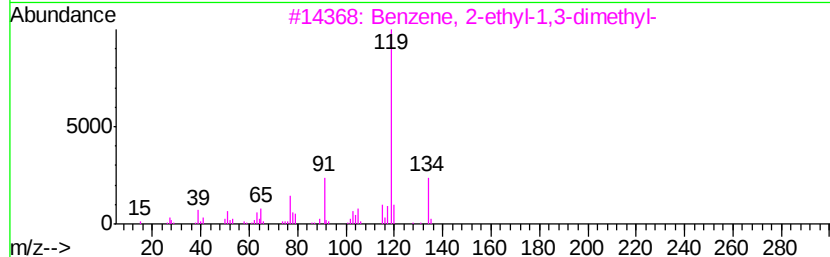
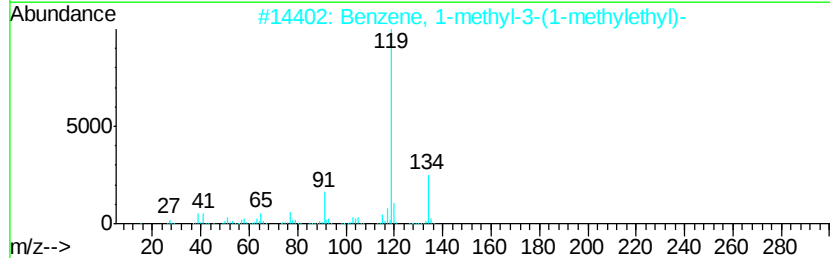
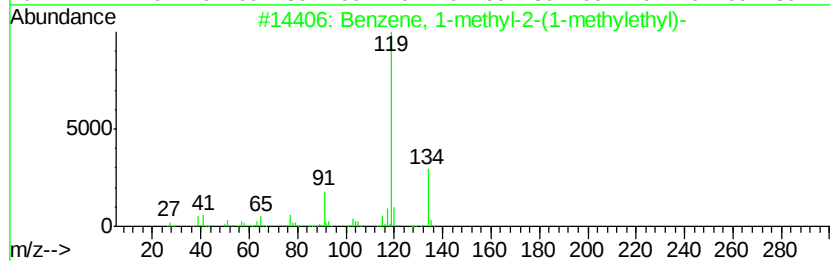
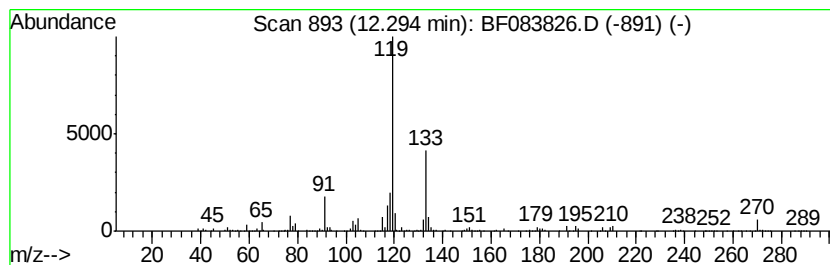
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benzene, 1-methyl-2-(1-meth... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	9.29 ng	347952	Phenanthrene-d10	11.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-2-(1-methylethyl)-	134	C10H14	000527-84-4	60
2		Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	60
3		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	53
4		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	53
5		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	49



Data Path : V:\HPCHEM1\BNA F\DATA\BF121515\
Data File : BF083826.D
Acq On : 15 Dec 2015 18:51
Operator : UM/IZ
Sample : G4739-16
Misc :
ALS Vial : 15 Sample Multiplier: 1

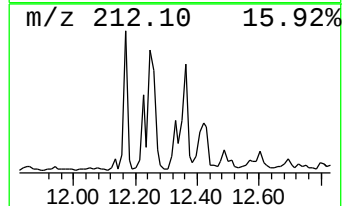
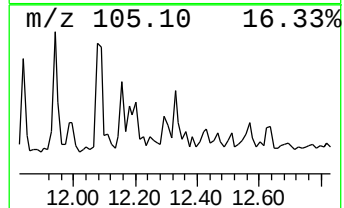
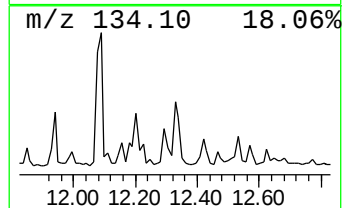
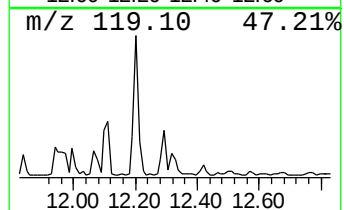
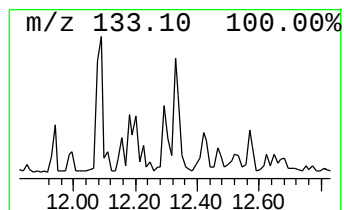
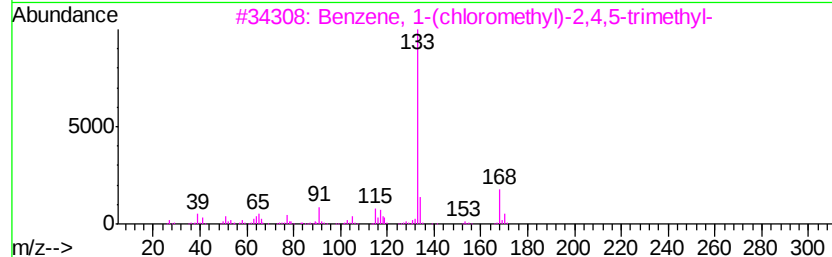
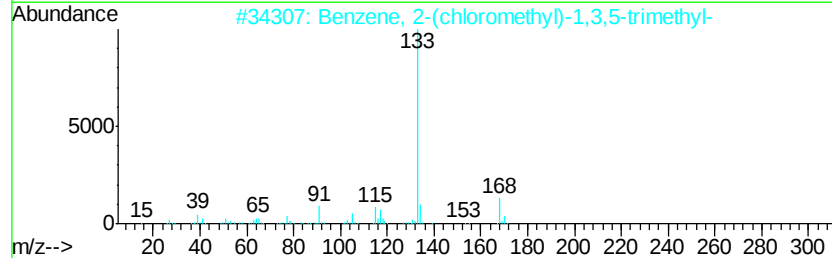
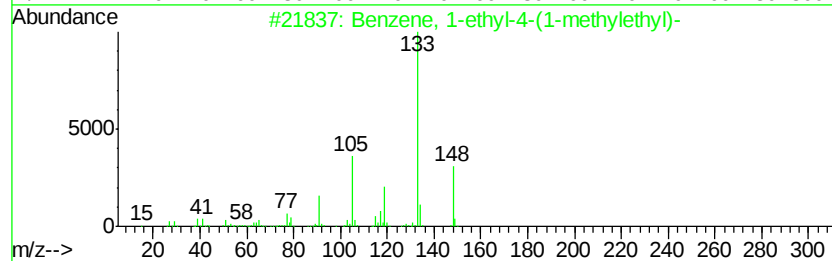
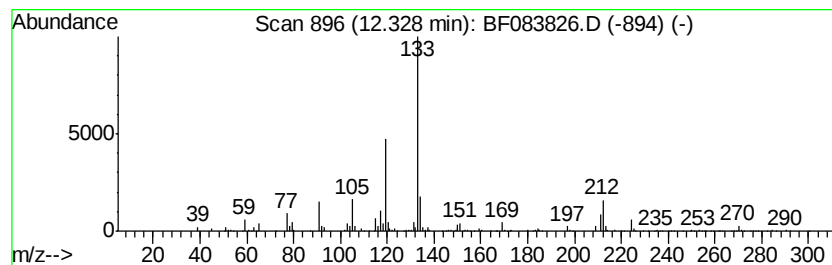
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Benzene, 1-ethyl-4-(1-methy... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.33	9.23 ng	345889	Phenanthrene-d10	11.42		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	50
2		Benzene, 2-(chloromethyl)-1,3,5-...	168	C10H13Cl	001585-16-6	47
3		Benzene, 1-(chloromethyl)-2,4,5-...	168	C10H13Cl	010340-77-9	47
4		1H-1,2,4-Triazole, 3-(2,4,6-trim...	233	C12H15N3S	309920-46-5	47
5		2-{2-[1-(2-Hydroxyethyl)-5-oxo-3...	417	C20H23N3O5S	1000224-26-4	43



Data Path : V:\HPCHEM1\BNA F\DATA\BF121515\
Data File : BF083826.D
Acq On : 15 Dec 2015 18:51
Operator : UM/IZ
Sample : G4739-16
Misc :
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Instrument :
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ClientSampleId :
K201-27-28

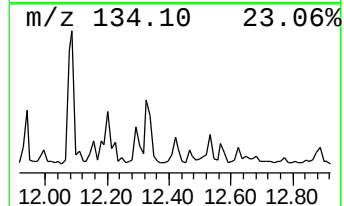
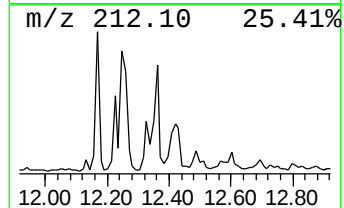
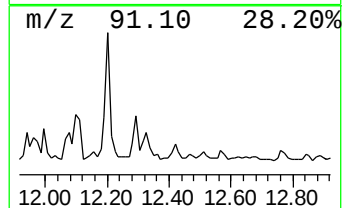
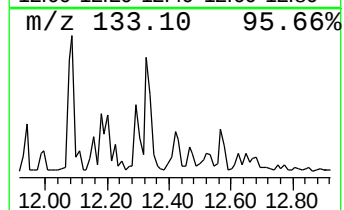
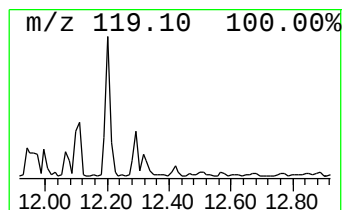
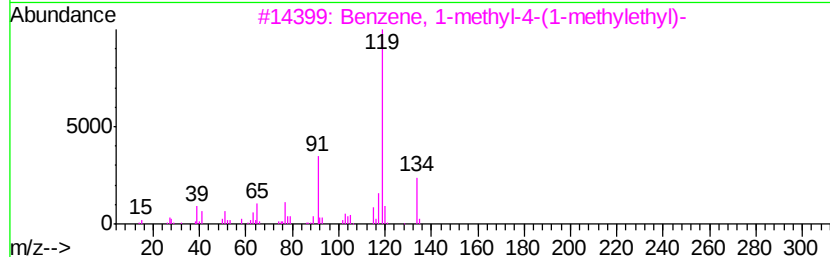
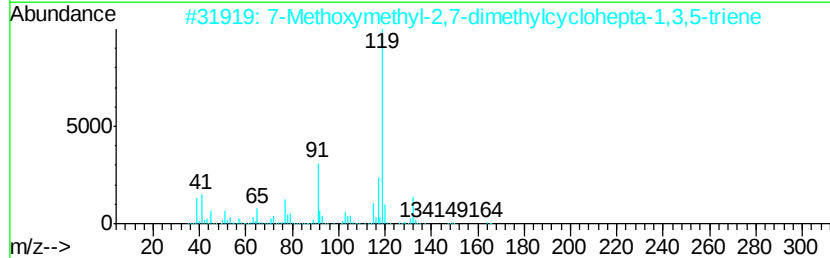
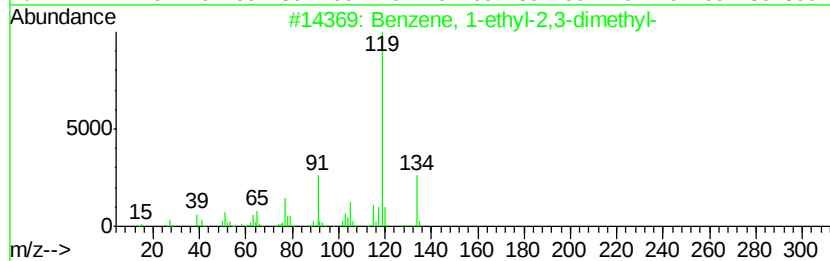
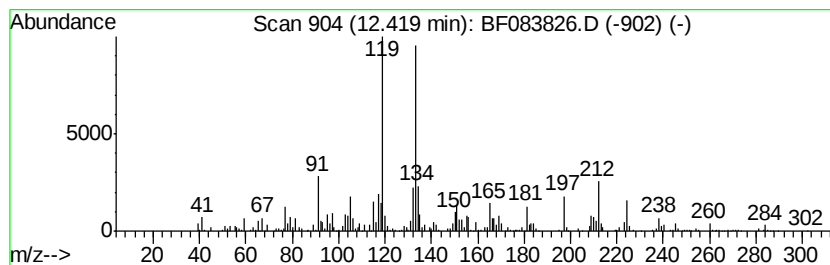
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown12.42 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	9.17 ng	343544	Phenanthrene-d10	11.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	46
2		7-Methoxymethyl-2,7-dimethylcyclo...	164	C11H16O	073992-48-0	46
3		Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	46
4		1H-Inden-2-amine, 2,3-dihydro-	133	C9H11N	002975-41-9	42
5		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	42



Data Path : V:\HPCHEM1\BNA F\DATA\BF121515\
Data File : BF083826.D
Acq On : 15 Dec 2015 18:51
Operator : UM/IZ
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Misc :
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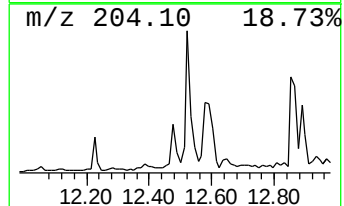
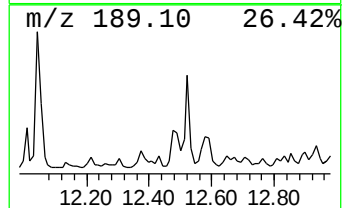
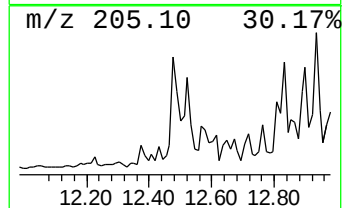
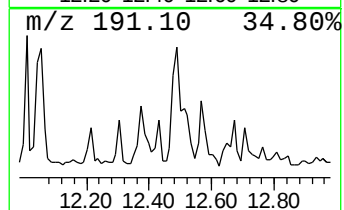
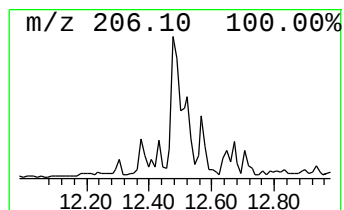
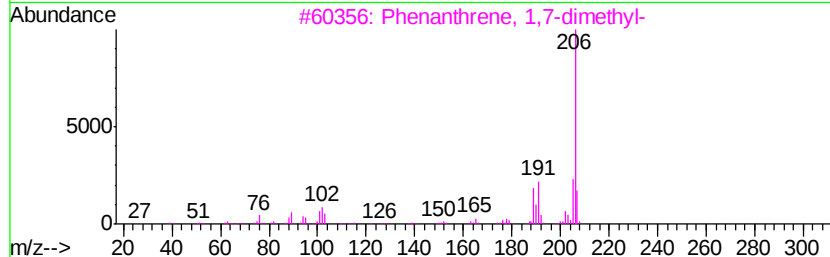
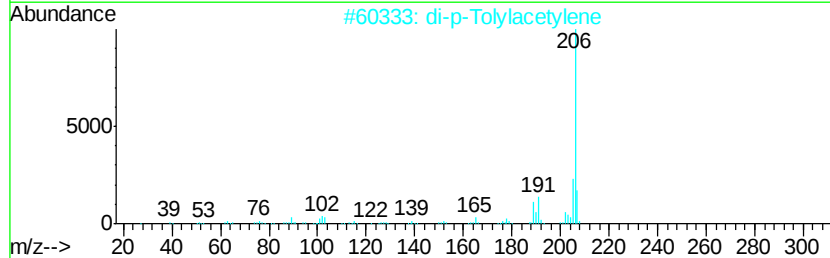
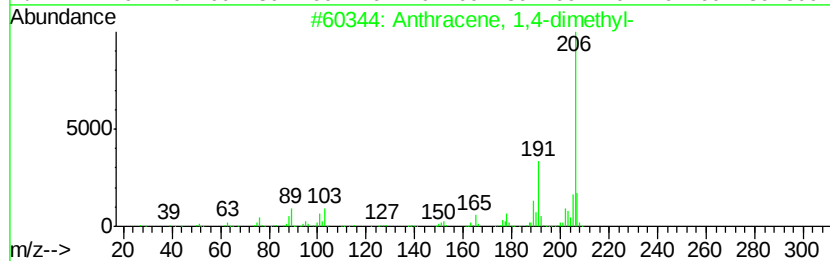
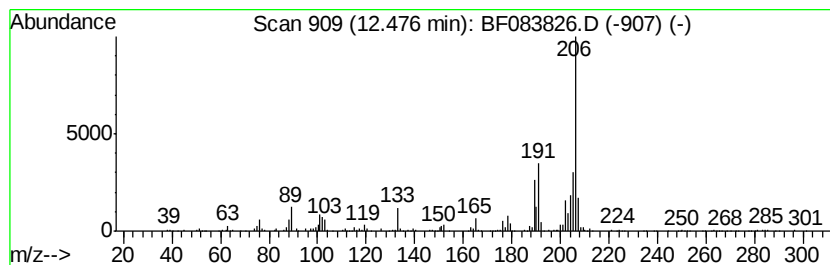
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Anthracene, 1,4-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	16.75 ng	627521	Phenanthrene-d10	11.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	94
2		di-p-Tolylacetylene	206	C16H14	002789-88-0	94
3		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
4		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
5		9,10-Dimethylantracene	206	C16H14	000781-43-1	90



Data Path : V:\HPCHEM1\BNA F\DATA\BF121515\
Data File : BF083826.D
Acq On : 15 Dec 2015 18:51
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Misc :
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Instrument :
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ClientSampleId :
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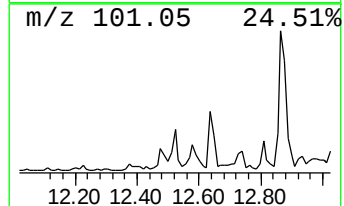
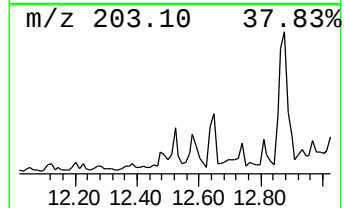
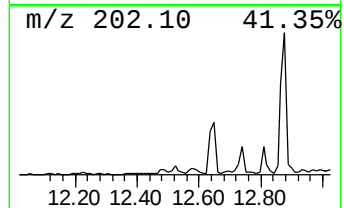
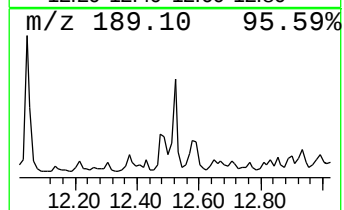
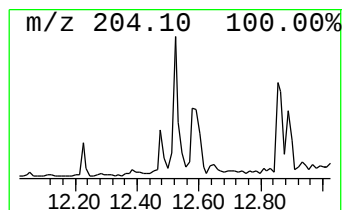
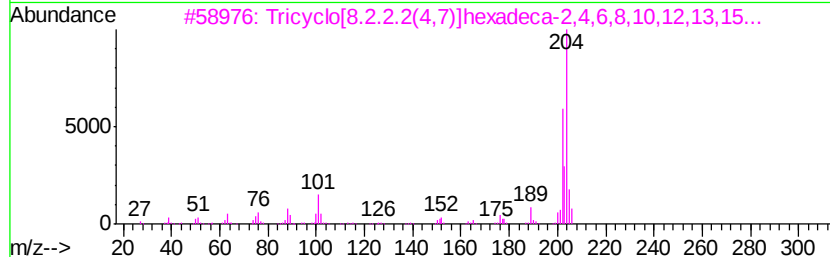
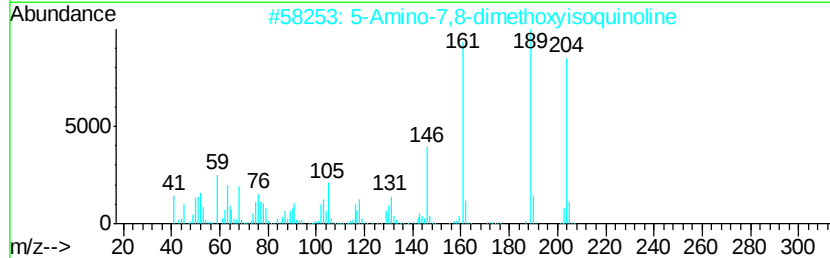
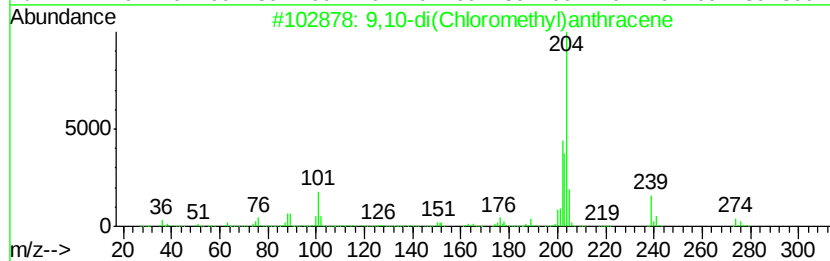
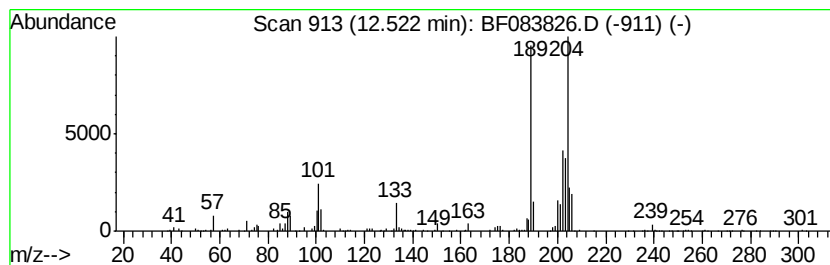
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 9,10-di(Chloromethyl)anthra... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	16.21 ng	607316	Phenanthrene-d10	11.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	50
2		5-Amino-7,8-dimethoxyisoquinoline	204	C11H12N2O2	1000213-88-5	43
3		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	43
4		2-Phenylnaphthalene	204	C16H12	035465-71-5	41
5		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	38



Data Path : V:\HPCHEM1\BNA F\DATA\BF121515\
Data File : BF083826.D
Acq On : 15 Dec 2015 18:51
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Misc :
ALS Vial : 15 Sample Multiplier: 1

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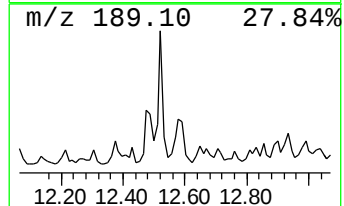
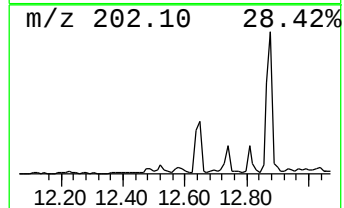
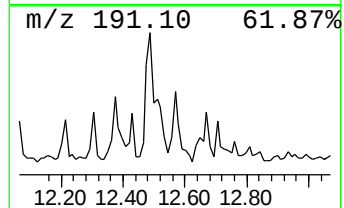
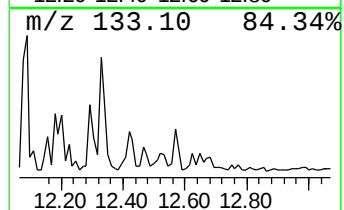
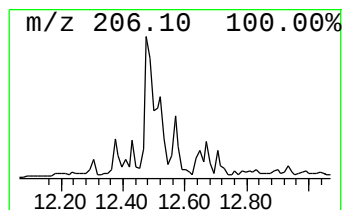
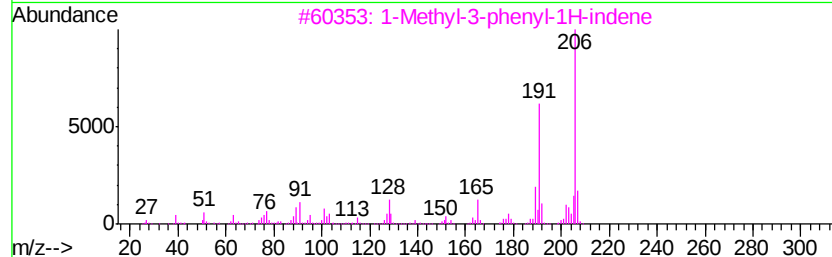
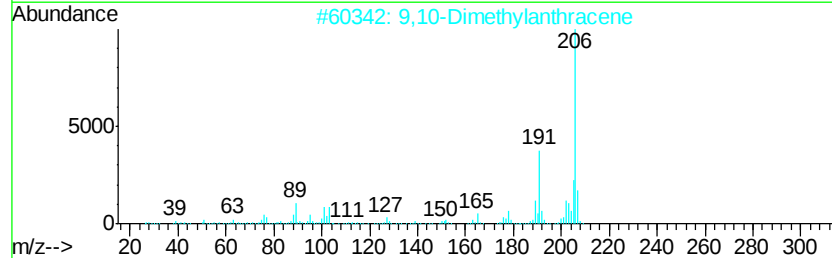
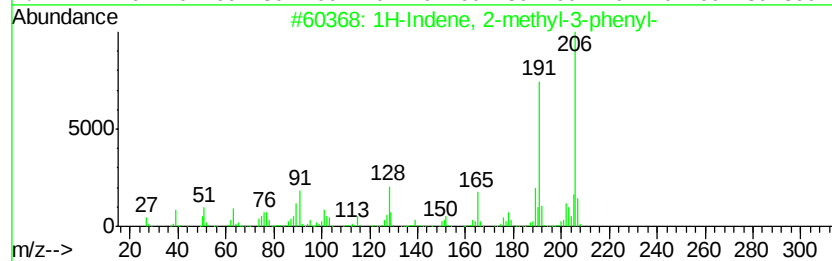
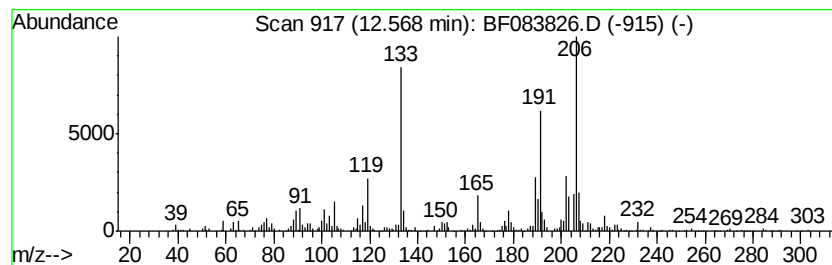
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 1H-Indene, 2-methyl-3-phenyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	17.11 ng	641064	Phenanthrene-d10	11.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	90
2		9,10-Dimethylantracene	206	C16H14	000781-43-1	89
3		1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	78
4		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	78
5		Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	70



Data Path : V:\HPCHEM1\BNA F\DATA\BF121515\
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Acq On : 15 Dec 2015 18:51
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ClientSampleId :
K201-27-28

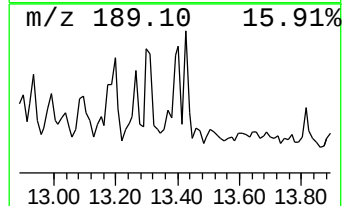
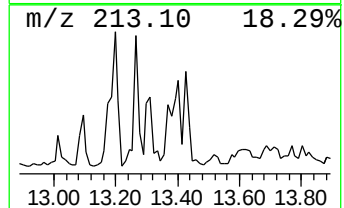
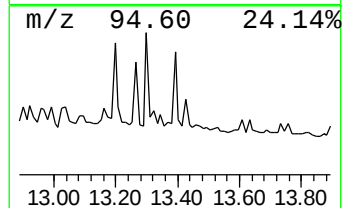
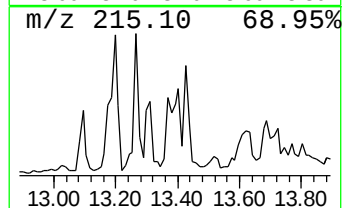
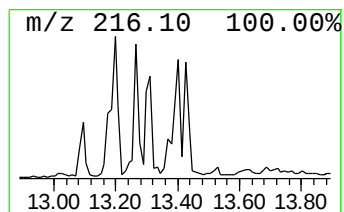
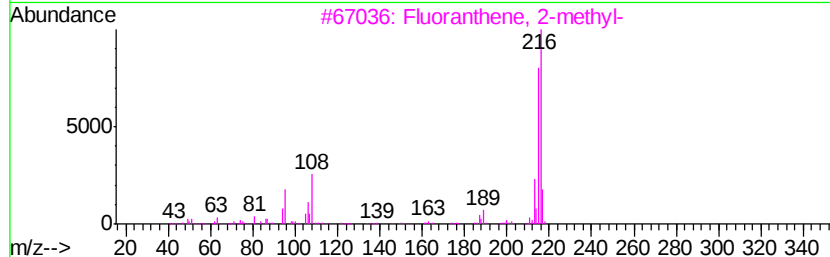
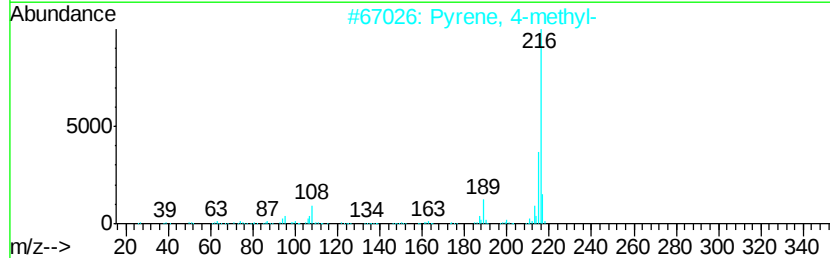
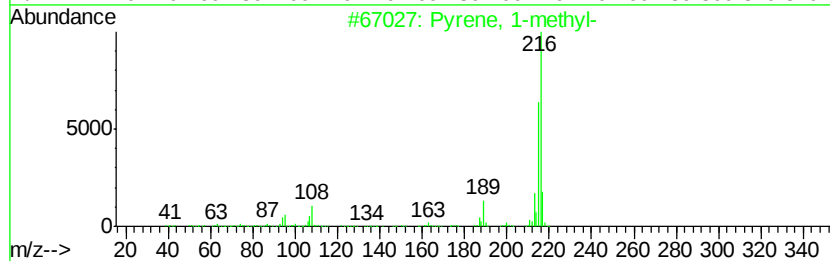
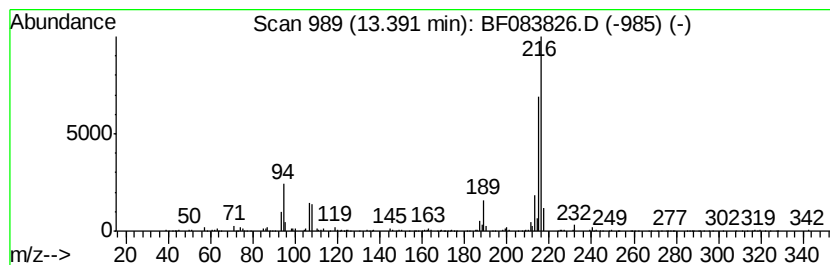
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Pyrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	7.35 ng	727326	Chrysene-d12	14.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2		Pyrene, 4-methyl-	216	C17H12	003353-12-6	86
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
4		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
5		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	74



Data Path : V:\HPCHEM1\BNA_F\DATA\BF121515\
 Data File : BF083826.D
 Acq On : 15 Dec 2015 18:51
 Operator : UM/IZ
 Sample : G4739-16
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 K201-27-28

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.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...	5.09	22.9	ng	620530	1	6.90	541888	20.0
unknown9.36	9.36	7.2	ng	251287	3	9.94	701269	20.0
Naphthalene, 2,3,...	10.44	6.4	ng	225432	3	9.94	701269	20.0
unknown11.66	11.66	10.4	ng	388340	4	11.42	749374	20.0
Benzene, 1-ethyl-...	11.79	9.2	ng	343889	4	11.42	749374	20.0
.alpha.-Bromomesi...	11.94	18.6	ng	697852	4	11.42	749374	20.0
Anthracene, 1-met...	12.01	10.4	ng	389369	4	11.42	749374	20.0
4H-Cyclopenta[def...	12.04	12.1	ng	454216	4	11.42	749374	20.0
Benzene, 1-methyl...	12.20	28.9	ng	1083750	4	11.42	749374	20.0
Benzene, 1-methyl...	12.29	9.3	ng	347952	4	11.42	749374	20.0
Benzene, 1-ethyl-...	12.33	9.2	ng	345889	4	11.42	749374	20.0
unknown12.42	12.42	9.2	ng	343544	4	11.42	749374	20.0
Anthracene, 1,4-d...	12.48	16.8	ng	627521	4	11.42	749374	20.0
9,10-di(Chloromet...	12.52	16.2	ng	607316	4	11.42	749374	20.0
1H-Indene, 2-meth...	12.57	17.1	ng	641064	4	11.42	749374	20.0
Pyrene, 1-methyl-	13.39	7.3	ng	727326	5	14.07	1978010	20.0