

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041515\
 Data File : BF078560.D
 Acq On : 16 Apr 2015 3:07
 Operator : TP/IZ
 Sample : G1854-05 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SB101

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-BF040115.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.541	30	31	50	rVB	294962	562519	16.88%	0.781%
2	6.113	427	431	433	rBV2	88544	217192	6.52%	0.302%
3	6.707	481	483	487	rVB2	200073	265368	7.96%	0.369%
4	6.765	487	488	491	rVB2	180369	254043	7.62%	0.353%
5	6.902	498	500	501	rBV	205755	234187	7.03%	0.325%
6	7.130	519	520	523	rVB2	192095	276757	8.30%	0.384%
7	7.336	532	538	541	rBV2	146110	399712	11.99%	0.555%
8	7.393	541	543	547	rBV3	264743	456707	13.70%	0.634%
9	7.542	554	556	558	rVB2	189434	242397	7.27%	0.337%
10	7.645	563	565	567	rVB2	140411	233088	6.99%	0.324%
11	7.690	567	569	570	rBV	199950	285977	8.58%	0.397%
12	7.725	570	572	575	rVB2	253826	491018	14.73%	0.682%
13	7.850	580	583	586	rBV2	373777	734925	22.05%	1.021%
14	7.907	586	588	590	rVB3	235593	296797	8.91%	0.412%
15	7.987	590	595	598	rBV4	352442	843400	25.31%	1.172%
16	8.045	598	600	603	rVB3	255759	336345	10.09%	0.467%
17	8.102	603	605	609	rBV4	148142	367432	11.02%	0.510%
18	8.170	609	611	613	rBV	176775	215564	6.47%	0.299%
19	8.296	618	622	625	rBV5	552420	1398373	41.96%	1.942%
20	8.365	625	628	631	rVB4	329641	635640	19.07%	0.883%
21	8.445	633	635	637	rVB	817181	801391	24.05%	1.113%
22	8.502	639	640	642	rVB2	184212	239040	7.17%	0.332%
23	8.559	642	645	648	rBV4	486411	785213	23.56%	1.091%
24	8.650	650	653	655	rVB3	340853	573547	17.21%	0.797%
25	8.696	655	657	659	rBV	467064	607559	18.23%	0.844%
26	8.799	661	666	667	rVB4	228023	580726	17.42%	0.807%
27	8.890	671	674	676	rBV2	1050171	1027269	30.82%	1.427%
28	8.936	676	678	679	rVB	550731	601659	18.05%	0.836%
29	8.993	679	683	686	rVB5	237579	581306	17.44%	0.807%
30	9.039	686	687	688	rBV	167107	224900	6.75%	0.312%
31	9.096	690	692	693	rVV2	142999	232156	6.97%	0.322%
32	9.119	693	694	697	rVB	407137	398952	11.97%	0.554%
33	9.188	697	700	701	rVB2	547736	790765	23.73%	1.098%
34	9.222	701	703	704	rVB	344551	380181	11.41%	0.528%

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35	9.256	704	706	707 rBV	202928	219467	6.58%	0.305%
36	9.302	707	710	711 rBV2	1224355	1249750	37.50%	1.736%
37	9.336	711	713	715 rVV2	646695	679159	20.38%	0.943%
38	9.439	718	722	723 rBV3	157034	355341	10.66%	0.494%
39	9.462	723	724	727 rVV3	321254	483576	14.51%	0.672%
40	9.519	727	729	731 rVB3	156762	223241	6.70%	0.310%
41	9.599	734	736	737 rBV	365035	532188	15.97%	0.739%
42	9.633	737	739	741 rVB2	1108994	1168379	35.06%	1.623%
43	9.828	752	756	758 rBV3	503366	1007244	30.22%	1.399%
44	9.873	758	760	763 rVB2	524419	1039282	31.18%	1.444%
45	9.965	765	768	770 rVV	825866	1463238	43.90%	2.033%
46	10.056	773	776	777 rVV	1482887	1973331	59.21%	2.741%
47	10.091	777	779	781 rVV3	1185732	1729557	51.89%	2.402%
48	10.136	781	783	785 rVV2	136353	335103	10.05%	0.465%
49	10.205	785	789	794 rVB4	1484871	3332868	100.00%	4.630%
50	10.296	794	797	798 rBV2	542166	778439	23.36%	1.081%
51	10.353	798	802	803 rVB3	443712	948697	28.46%	1.318%
52	10.411	803	807	808 rBV2	230797	423594	12.71%	0.588%
53	10.468	810	812	813 rVV2	590801	966501	29.00%	1.343%
54	10.502	813	815	817 rVV3	464118	890270	26.71%	1.237%
55	10.536	817	818	821 rVV3	379110	462539	13.88%	0.643%
56	10.616	821	825	827 rVV	626263	1310536	39.32%	1.820%
57	10.662	827	829	831 rVB2	339797	342107	10.26%	0.475%
58	10.731	831	835	837 rBV2	1003088	1522424	45.68%	2.115%
59	10.776	837	839	841 rVB	1049917	1396615	41.90%	1.940%
60	10.868	843	847	849 rBV3	842871	1539769	46.20%	2.139%
61	10.902	849	850	854 rVB	740230	755047	22.65%	1.049%
62	10.982	854	857	862 rBV5	547998	1827221	54.82%	2.538%
63	11.085	864	866	867 rBV	382188	358475	10.76%	0.498%
64	11.131	867	870	873 rVB4	558971	1297617	38.93%	1.802%
65	11.211	873	877	879 rBV3	732034	1820405	54.62%	2.529%
66	11.245	879	880	881 rVB	363358	251809	7.56%	0.350%
67	11.348	886	889	892 rVV3	1366345	2317637	69.54%	3.219%
68	11.405	892	894	895 rVV2	191280	238262	7.15%	0.331%
69	11.428	895	896	897 rVV	217840	277987	8.34%	0.386%
70	11.462	897	899	901 rVV3	365638	689513	20.69%	0.958%
71	11.496	901	902	904 rVV	356214	324066	9.72%	0.450%

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72	11.611	907	912	914	rVV3	372830	824725	24.75%	1.146%
73	11.691	916	919	921	rBV2	1731515	3097613	92.94%	4.303%
74	11.782	924	927	928	rVV3	189236	445428	13.36%	0.619%
75	11.805	928	929	932	rVV2	359132	904366	27.13%	1.256%
76	11.851	932	933	935	rVV2	776970	822622	24.68%	1.143%
77	11.896	935	937	940	rVV4	406831	989942	29.70%	1.375%
78	11.999	943	946	948	rVB3	300978	648727	19.46%	0.901%
79	12.251	966	968	972	rBV	956236	1469485	44.09%	2.041%
80	12.308	972	973	976	rVB	607132	616826	18.51%	0.857%
81	12.365	976	978	983	rBV5	170627	519490	15.59%	0.722%
82	12.445	983	985	988	rBV3	379332	710460	21.32%	0.987%
83	12.594	996	998	999	rBV2	163810	230605	6.92%	0.320%
84	12.697	1004	1007	1008	rBV2	433289	633324	19.00%	0.880%
85	12.799	1014	1016	1018	rVB	246909	270306	8.11%	0.375%
86	12.914	1023	1026	1027	rBV	520069	692850	20.79%	0.962%
87	12.948	1027	1029	1032	rVV	632530	913006	27.39%	1.268%
88	13.039	1035	1037	1038	rVV	454956	510522	15.32%	0.709%
89	13.062	1038	1039	1042	rVB2	303280	445438	13.37%	0.619%
90	13.199	1049	1051	1054	rVB2	240850	397737	11.93%	0.552%
91	13.508	1076	1078	1079	rBV	305306	285791	8.57%	0.397%
92	13.599	1083	1086	1088	rBV	710413	1024510	30.74%	1.423%
93	13.702	1093	1095	1097	rVB	217483	321175	9.64%	0.446%
94	13.771	1100	1101	1103	rVB	312030	295061	8.85%	0.410%
95	13.862	1107	1109	1112	rBV2	179175	236057	7.08%	0.328%
96	14.045	1123	1125	1127	rVB	388607	420151	12.61%	0.584%
97	14.114	1129	1131	1133	rVV	192003	242053	7.26%	0.336%
98	14.160	1133	1135	1136	rVB2	217837	276262	8.29%	0.384%
99	14.342	1149	1151	1153	rBV	202266	303599	9.11%	0.422%
100	15.531	1253	1255	1257	rVB2	250509	338751	10.16%	0.471%

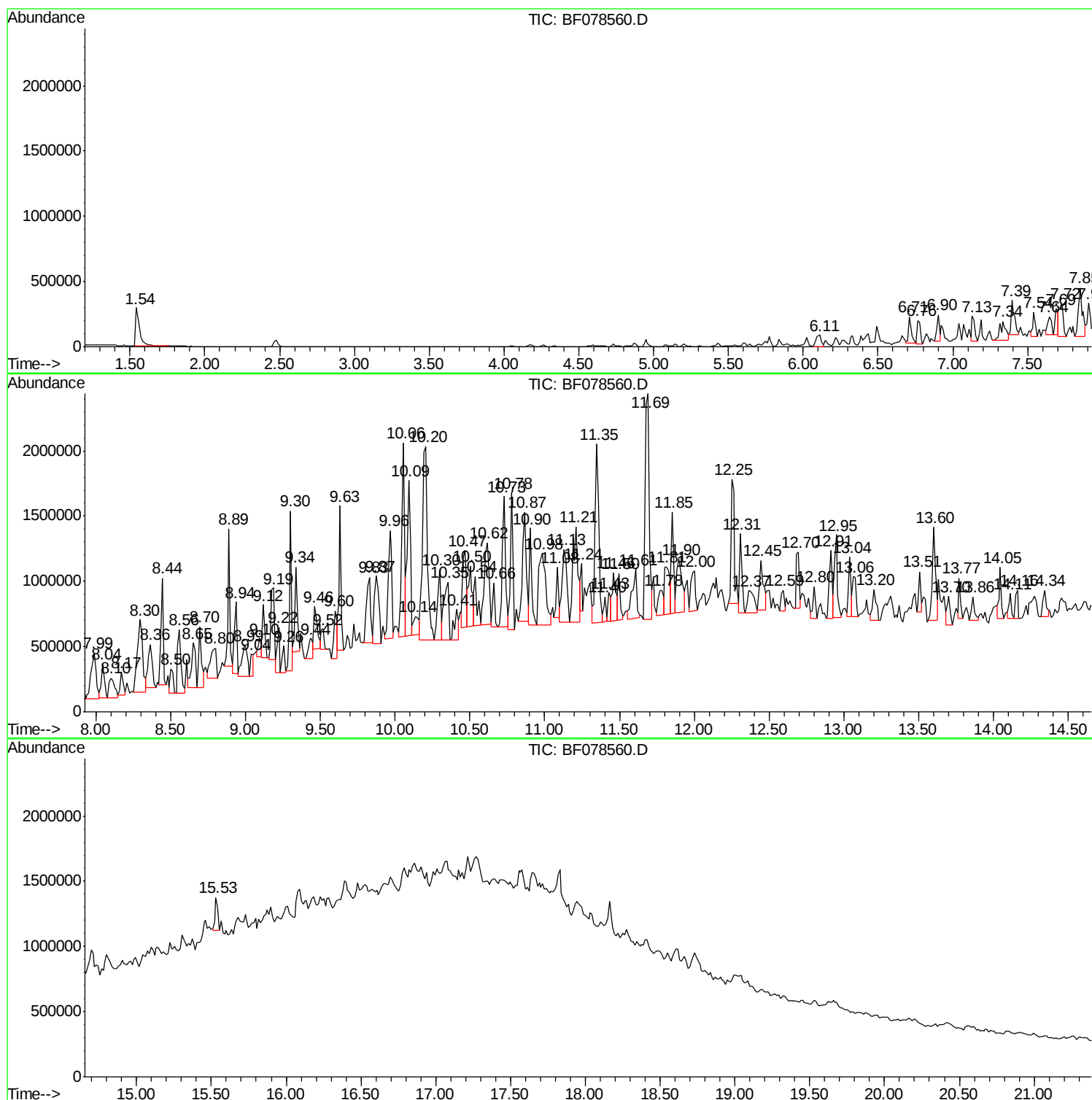
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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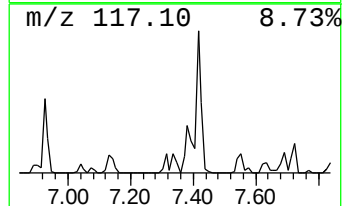
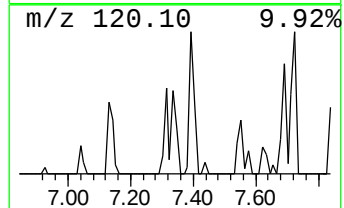
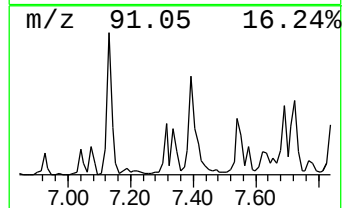
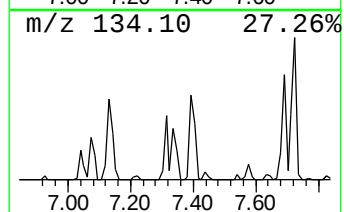
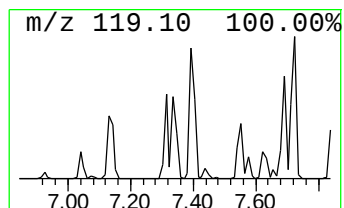
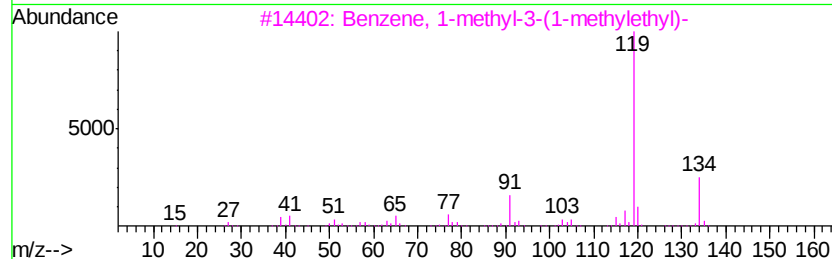
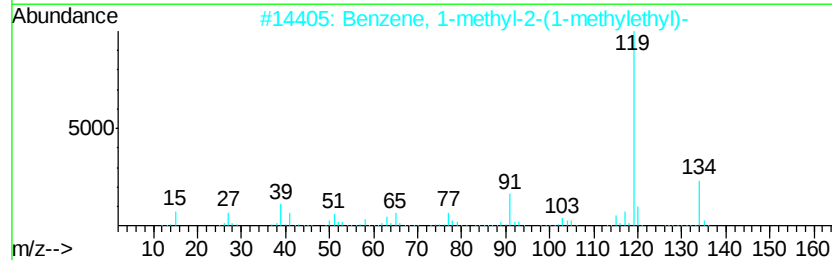
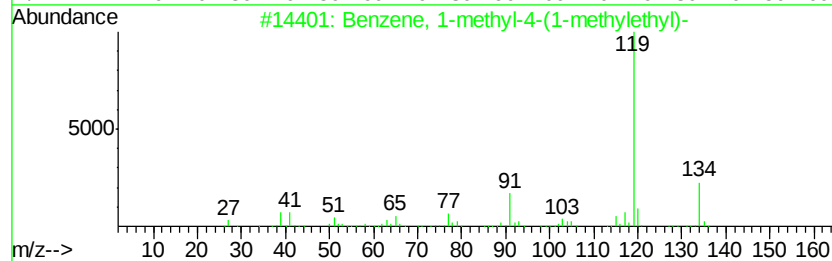
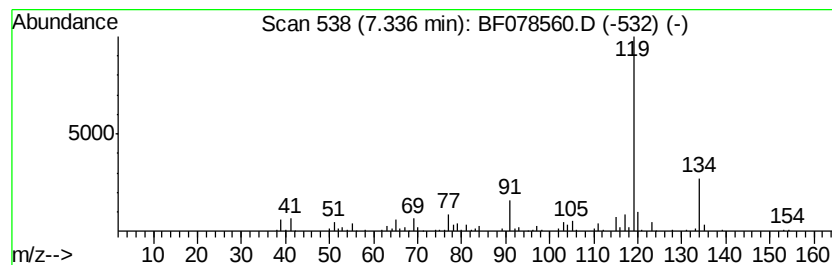
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Benzene, 1-methyl-4-(1-meth... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.34	30.13 ng	399712	1,4-Dichlorobenzene-d4	6.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	95
2		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95
3		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
4		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
5		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93



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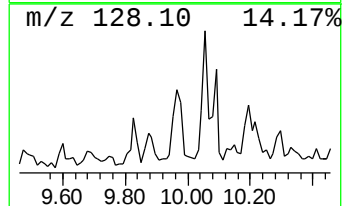
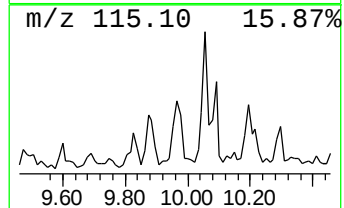
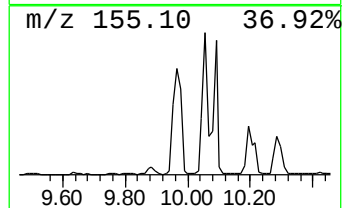
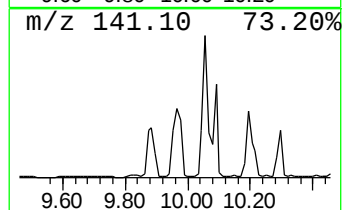
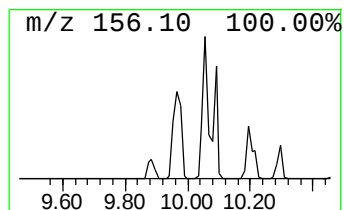
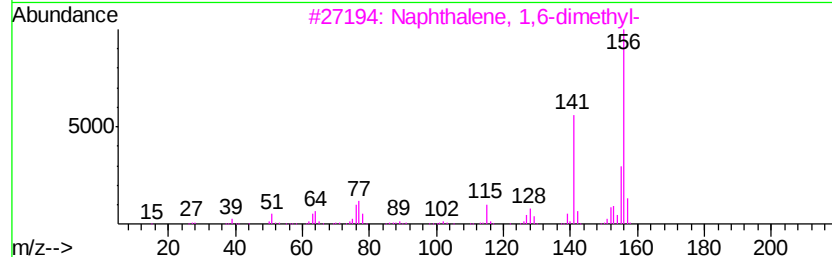
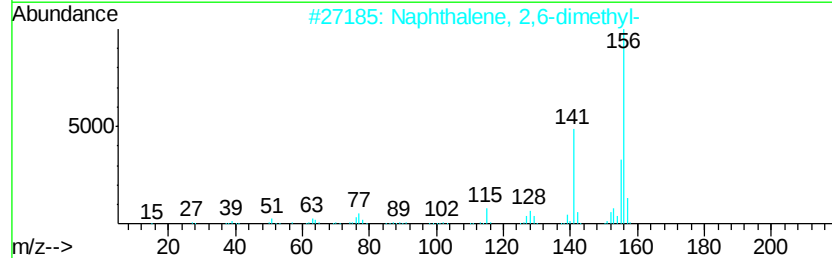
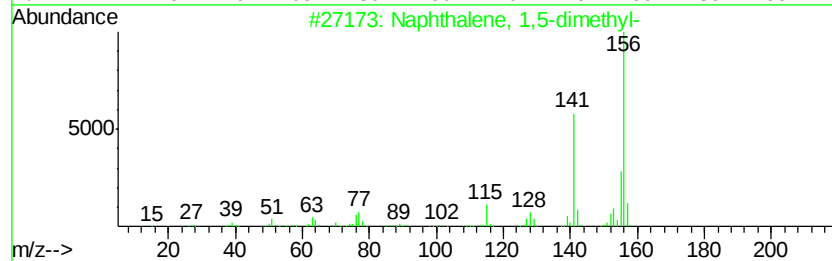
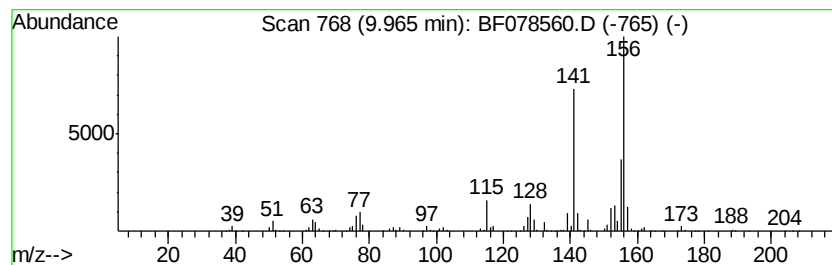
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Naphthalene, 1,5-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.96	30.28 ng	1463240	Acenaphthene-d10	10.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97



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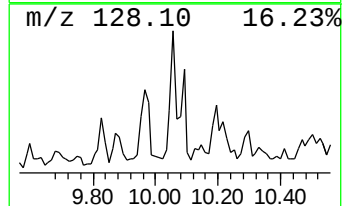
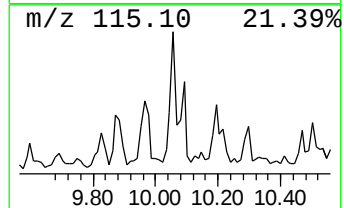
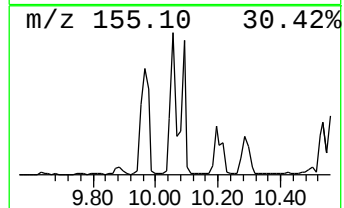
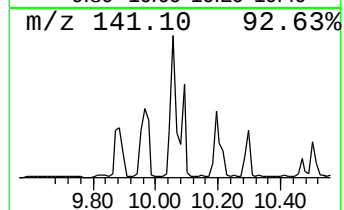
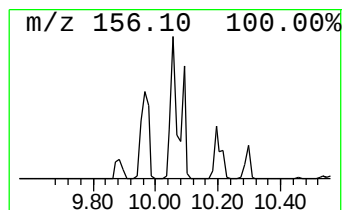
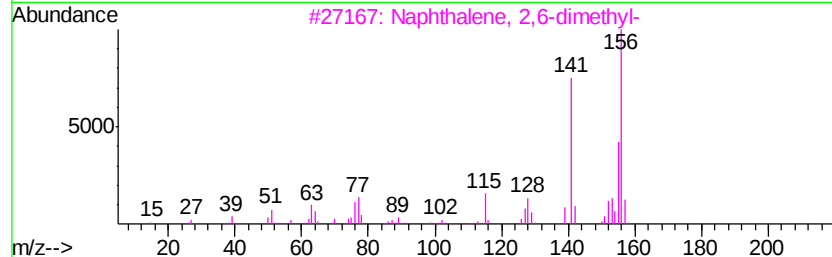
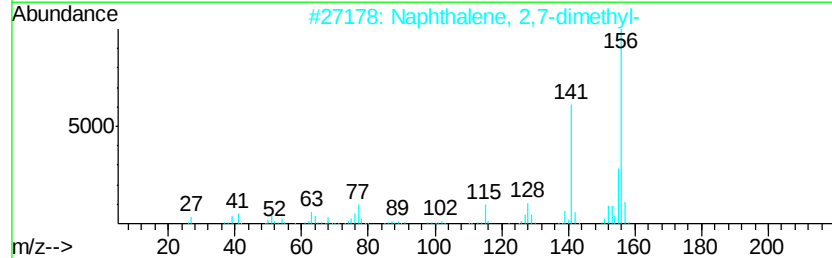
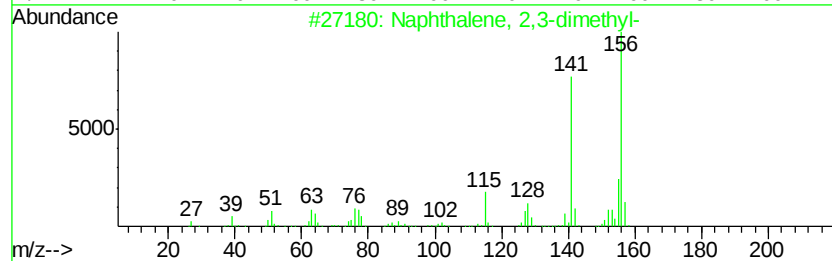
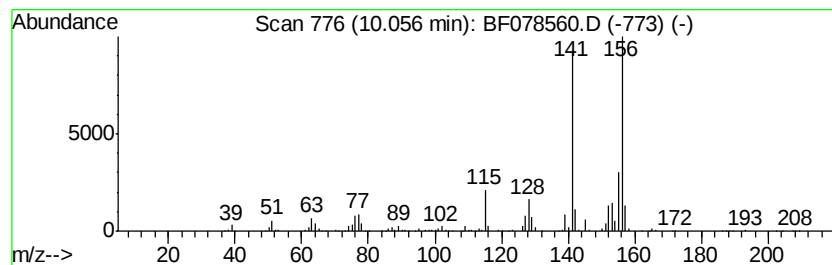
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Peak Number 4 Naphthalene, 2,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.06	40.83 ng	1973330	Acenaphthene-d10	10.46
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97
2		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 97
3		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 97
4		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 97
5		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041515\
Data File : BF078560.D
Acq On : 16 Apr 2015 3:07
Operator : TP/IZ
Sample : G1854-05 5X
Misc :
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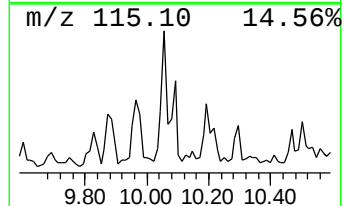
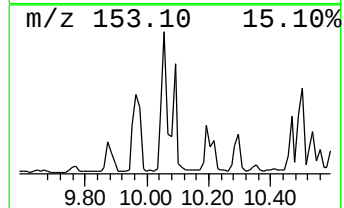
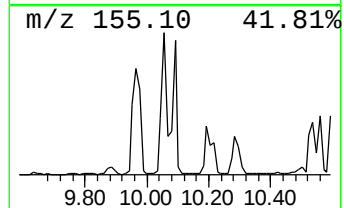
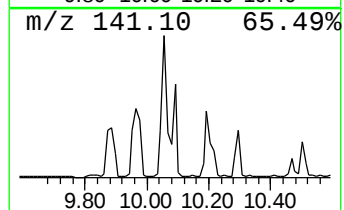
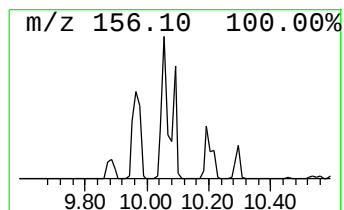
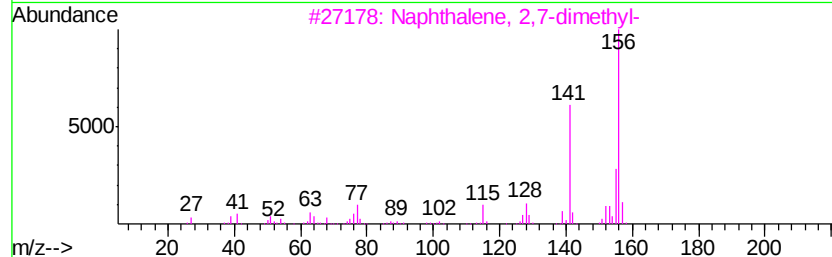
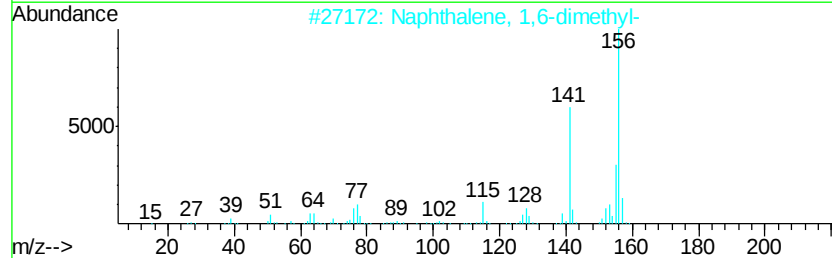
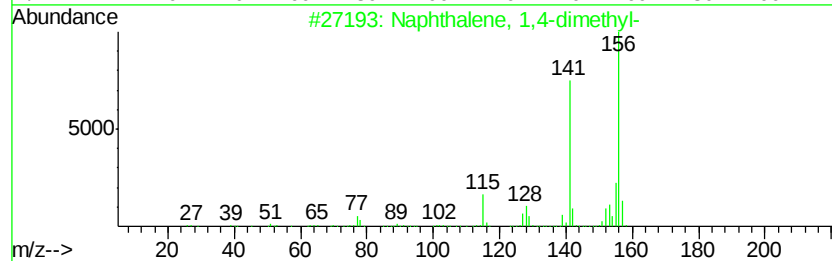
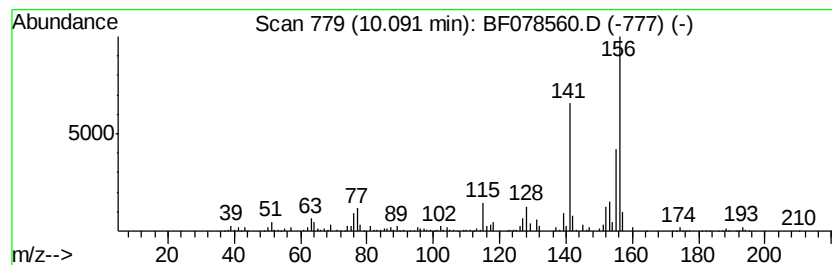
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 1,4-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.09	35.79 ng	1729560	Acenaphthene-d10	10.46
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,4-dimethyl-	156 C12H12	000571-58-4 96
2		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 96
3		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 96
4		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 95
5		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 95



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041515\
Data File : BF078560.D
Acq On : 16 Apr 2015 3:07
Operator : TP/IZ
Sample : G1854-05 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

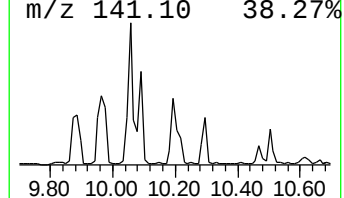
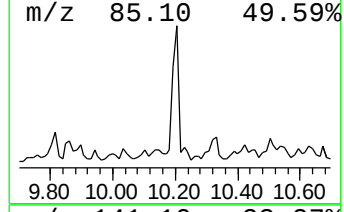
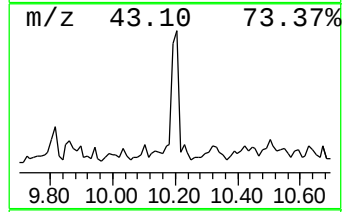
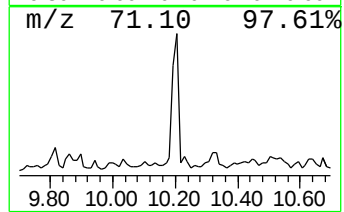
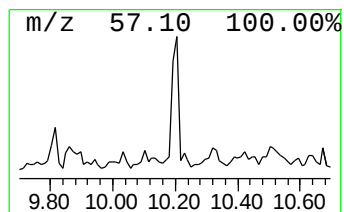
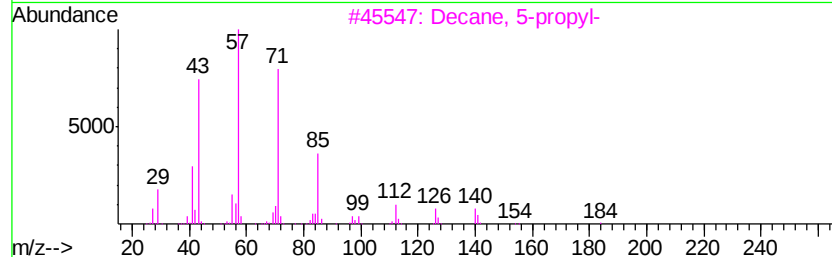
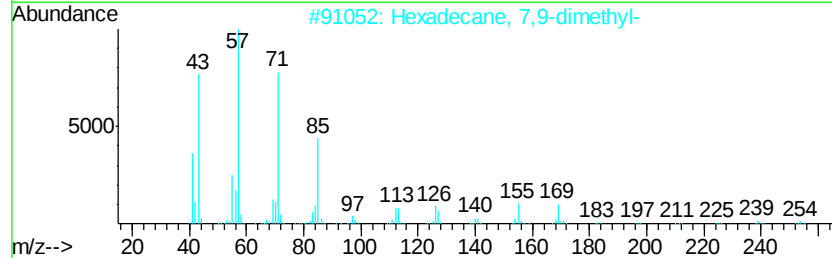
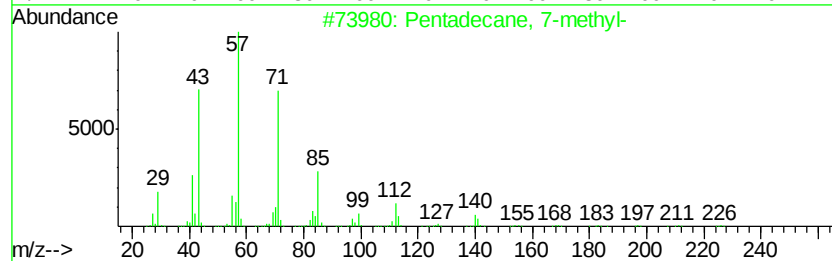
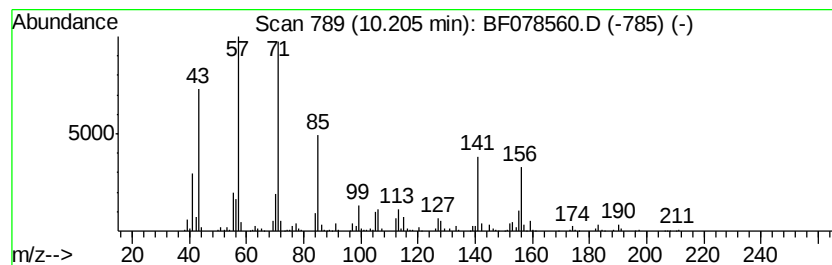
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Pentadecane, 7-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.20	68.97 ng	3332870	Acenaphthene-d10	10.46
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pentadecane, 7-methyl-	226 C16H34	006165-40-8 53
2		Hexadecane, 7,9-dimethyl-	254 C18H38	021164-95-4 52
3		Decane, 5-propyl-	184 C13H28	017312-62-8 49
4		Undecane, 6-ethyl-	184 C13H28	017312-60-6 47
5		Heptadecane, 2,6,10,15-tetramethyl-	296 C21H44	054833-48-6 47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041515\
Data File : BF078560.D
Acq On : 16 Apr 2015 3:07
Operator : TP/IZ
Sample : G1854-05 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

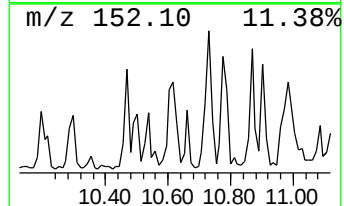
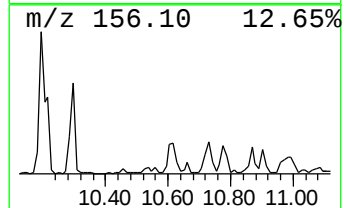
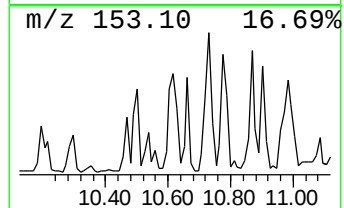
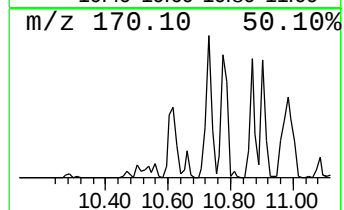
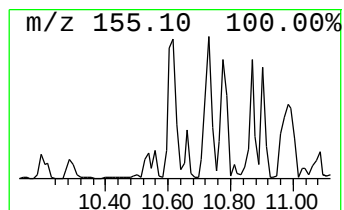
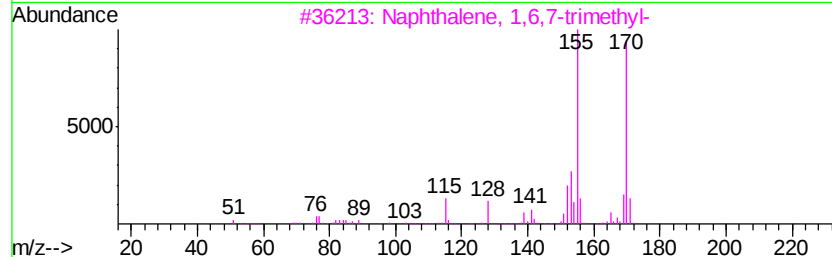
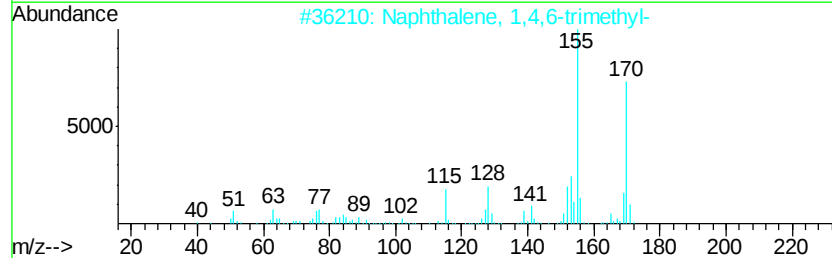
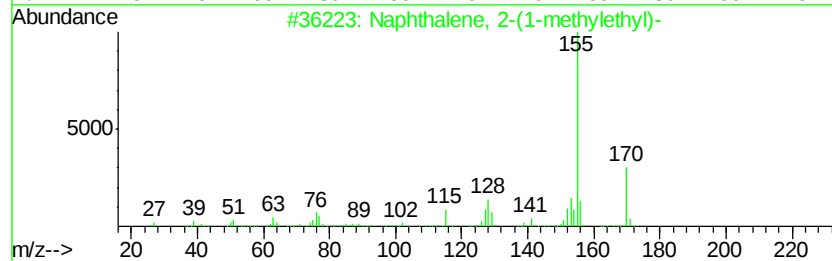
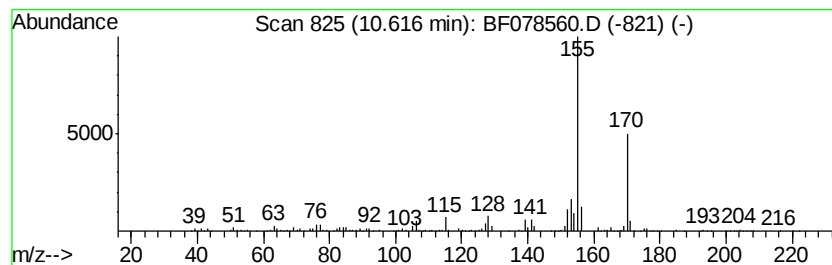
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 2-(1-methyleth... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.62	27.12 ng	1310540	Acenaphthene-d10		10.46
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	89
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	76
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	62
5	1'-Acetonaphthone	170	C12H10O	000941-98-0	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041515\
Data File : BF078560.D
Acq On : 16 Apr 2015 3:07
Operator : TP/IZ
Sample : G1854-05 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LS-SB101

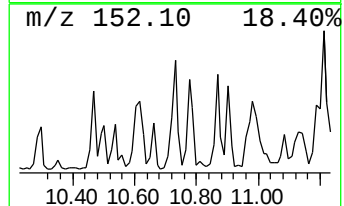
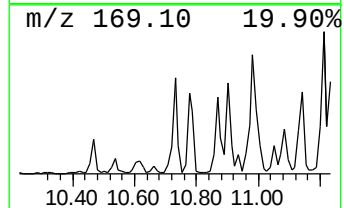
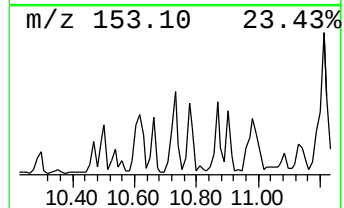
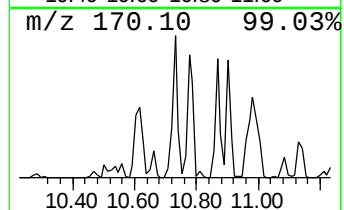
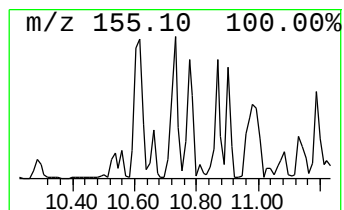
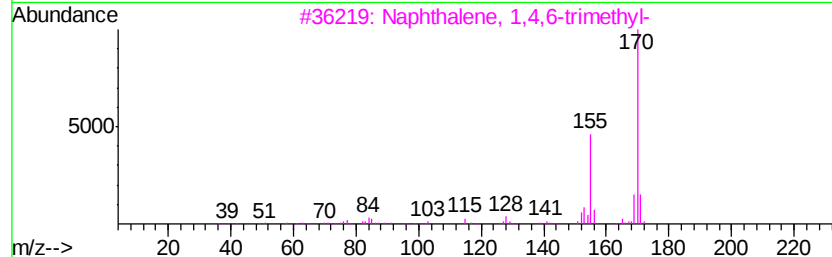
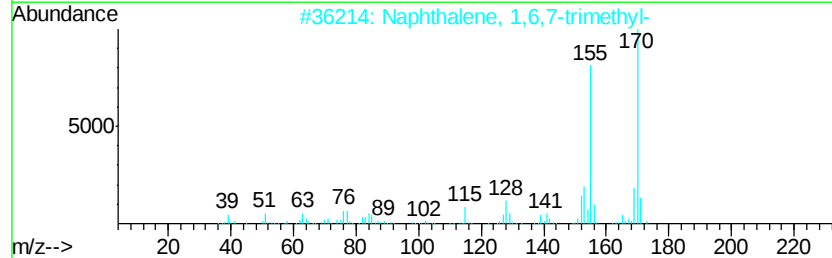
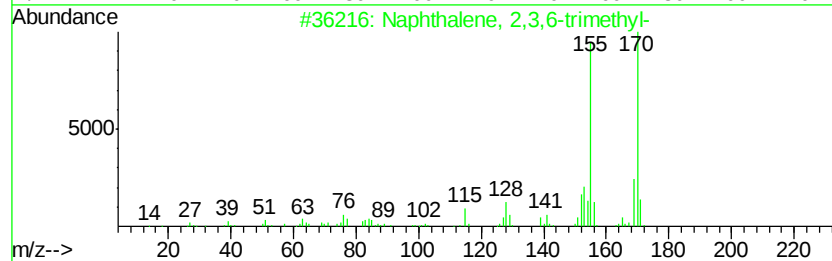
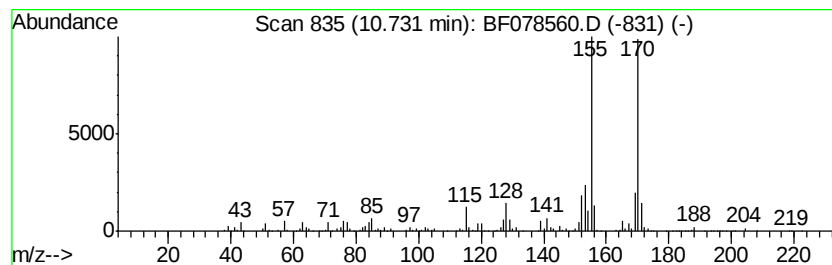
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 2,3,6-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.73	31.50 ng	1522420	Acenaphthene-d10	10.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
4		Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	94
5		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041515\
Data File : BF078560.D
Acq On : 16 Apr 2015 3:07
Operator : TP/IZ
Sample : G1854-05 5X
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ALS Vial : 21 Sample Multiplier: 1

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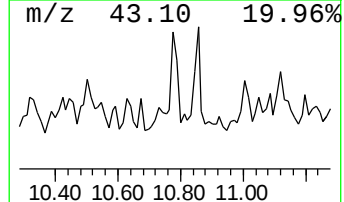
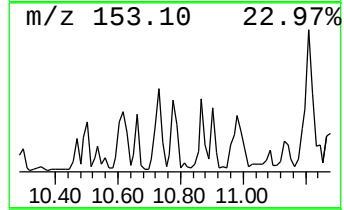
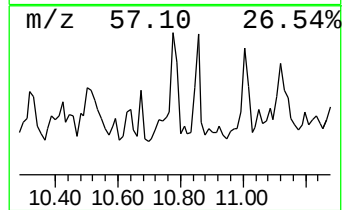
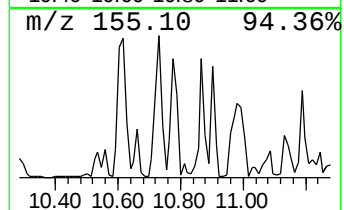
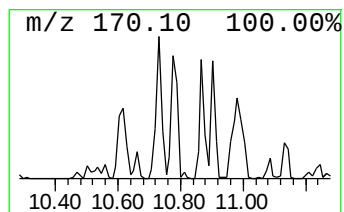
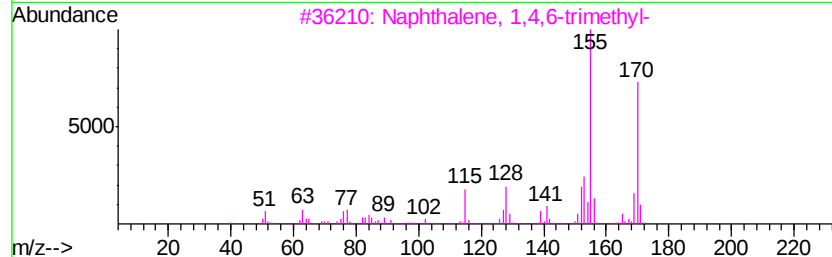
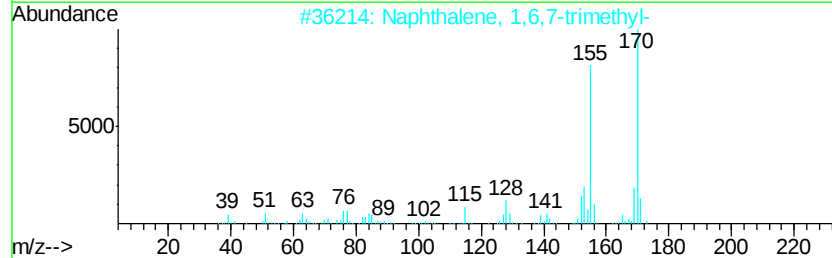
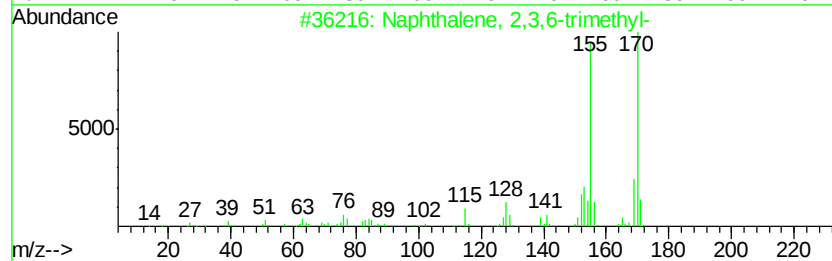
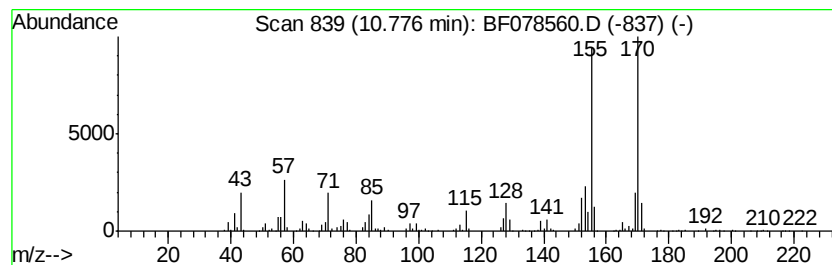
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 1,6,7-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	28.90 ng	1396620	Acenaphthene-d10	10.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91
5		1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041515\
Data File : BF078560.D
Acq On : 16 Apr 2015 3:07
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ClientSampleId :
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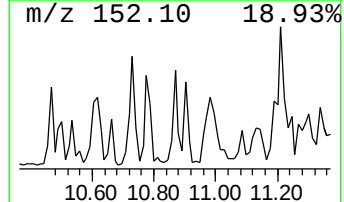
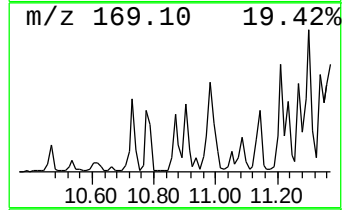
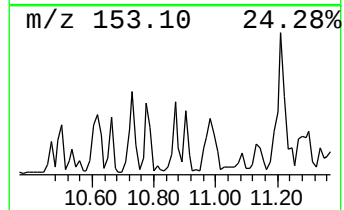
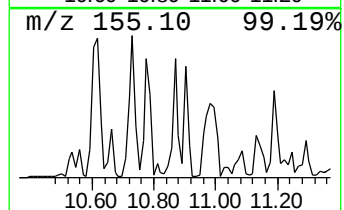
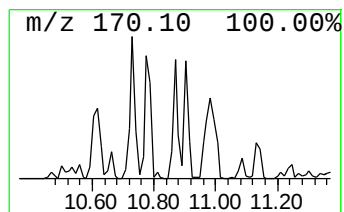
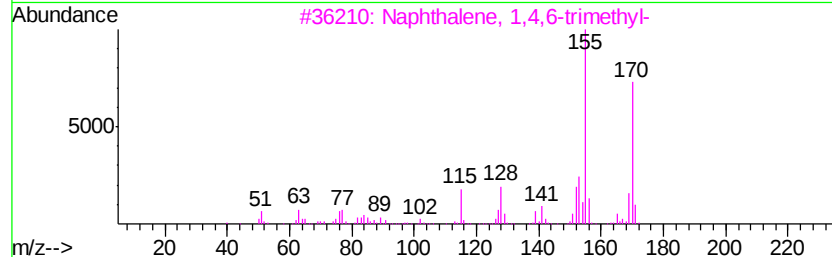
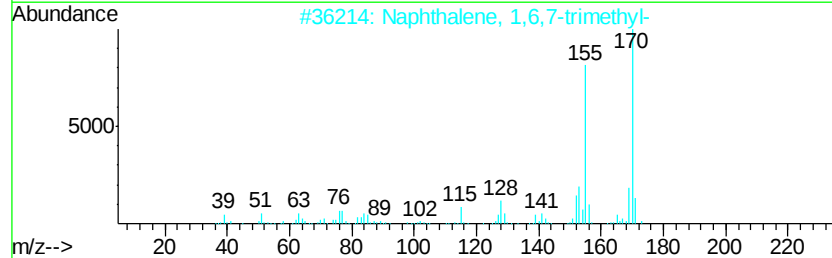
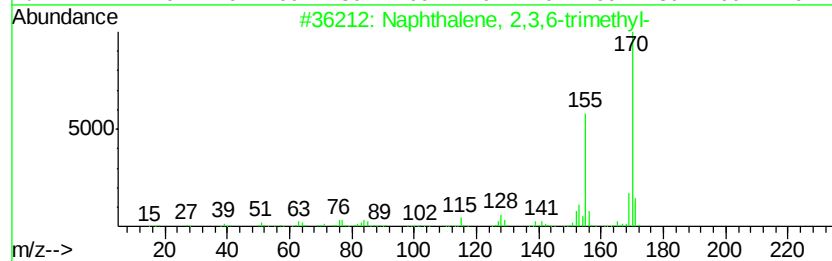
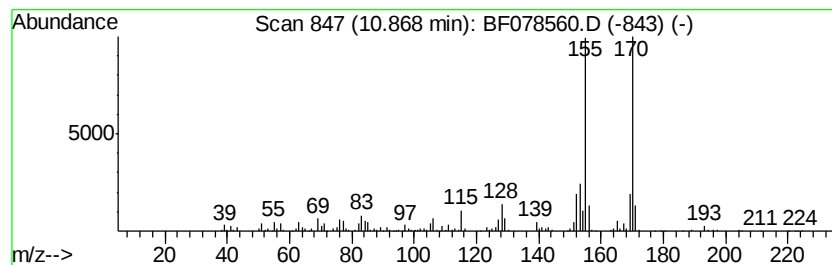
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 1,4,6-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	31.86 ng	1539770	Acenaphthene-d10	10.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
3			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
4			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	94
5			Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041515\
Data File : BF078560.D
Acq On : 16 Apr 2015 3:07
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ALS Vial : 21 Sample Multiplier: 1

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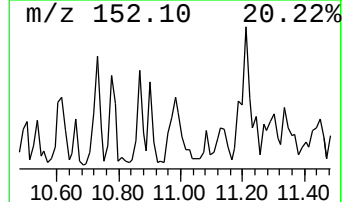
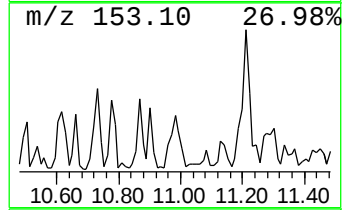
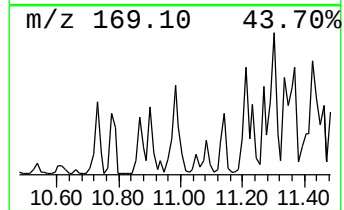
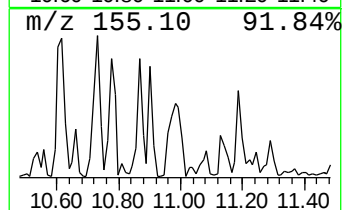
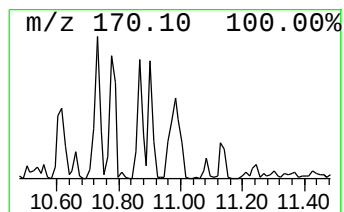
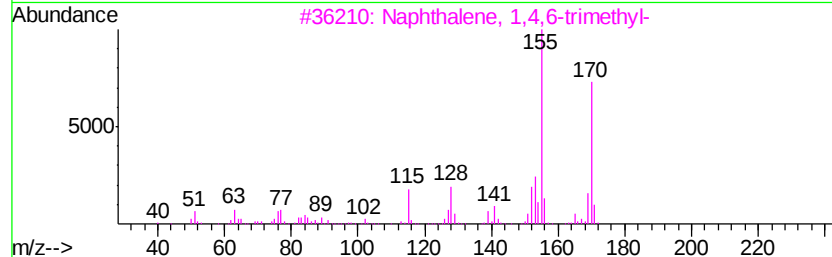
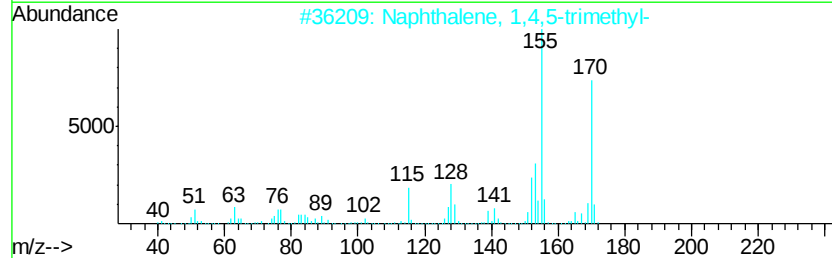
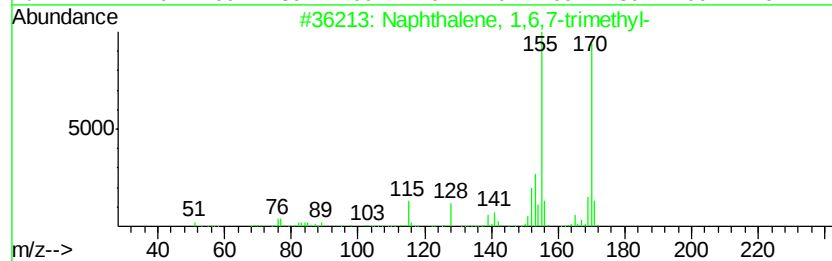
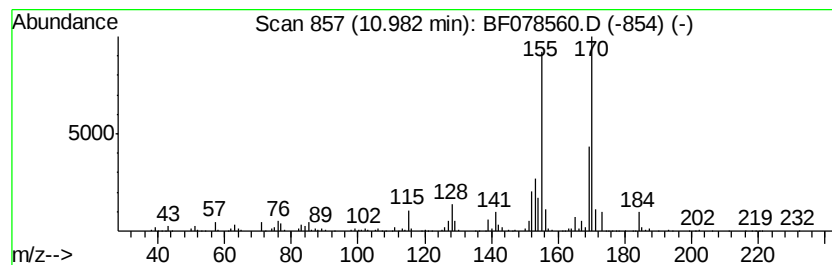
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 1,4,5-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.98	37.81 ng	1827220	Acenaphthene-d10	10.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	95
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
4		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
5		Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041515\
Data File : BF078560.D
Acq On : 16 Apr 2015 3:07
Operator : TP/IZ
Sample : G1854-05 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

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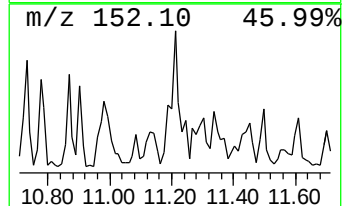
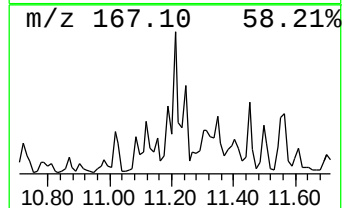
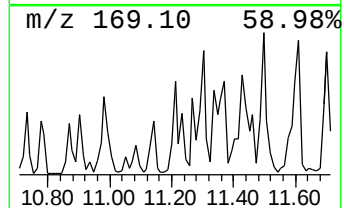
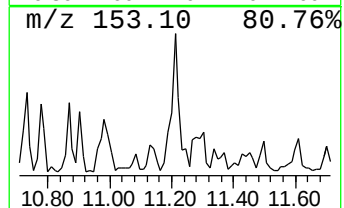
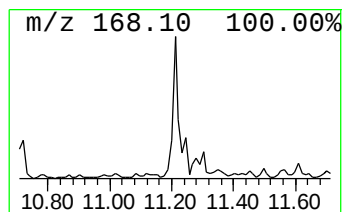
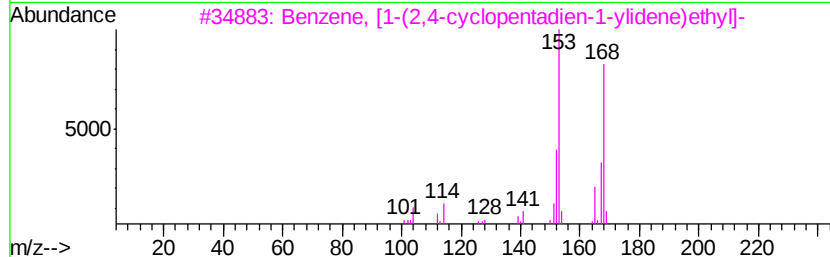
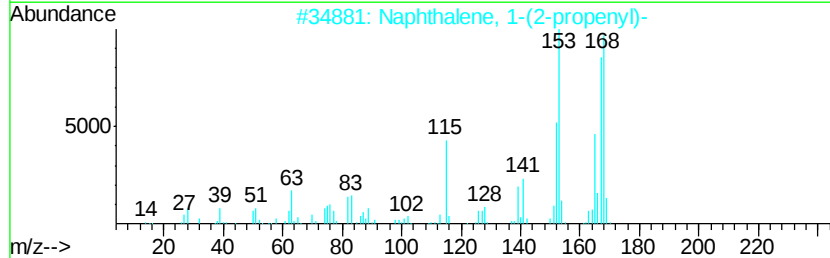
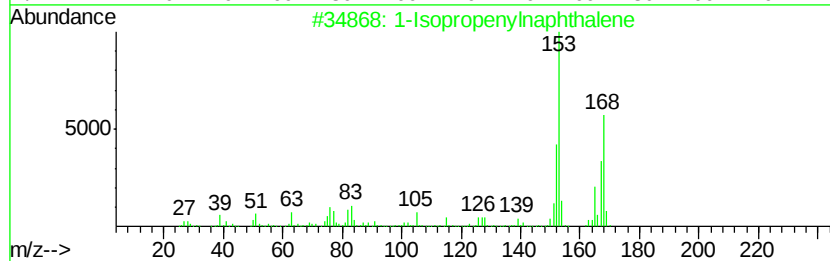
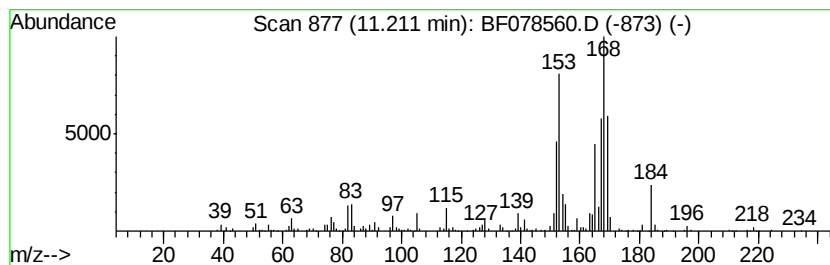
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 1-Isopropenylnaphthalene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.21	37.67 ng	1820410	Acenaphthene-d10	10.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	52
2		Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	47
3		Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	43
4		1,1,4,4-Tetramethyl-1,4-disilacy...	168	C8H16Si2	020627-53-6	43
5		1-Butanone, 1-(5-acetyl-2-thieny...	210	C11H14O2S	018282-21-8	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041515\
Data File : BF078560.D
Acq On : 16 Apr 2015 3:07
Operator : TP/IZ
Sample : G1854-05 5X
Misc :
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Instrument :
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ClientSampleId :
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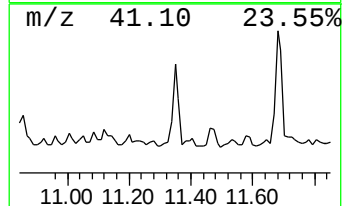
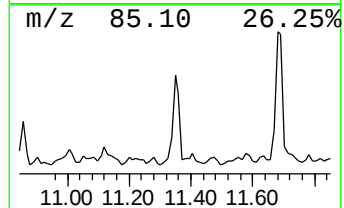
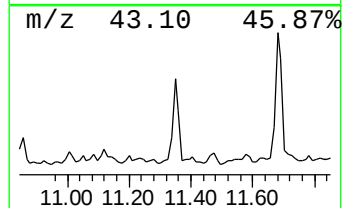
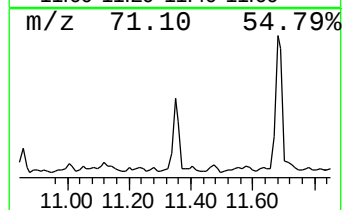
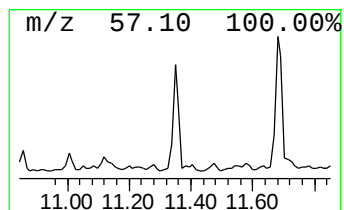
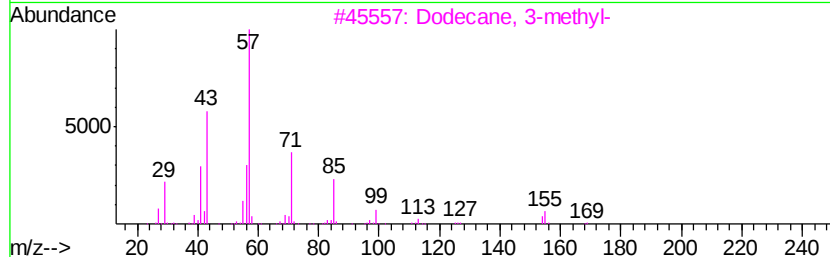
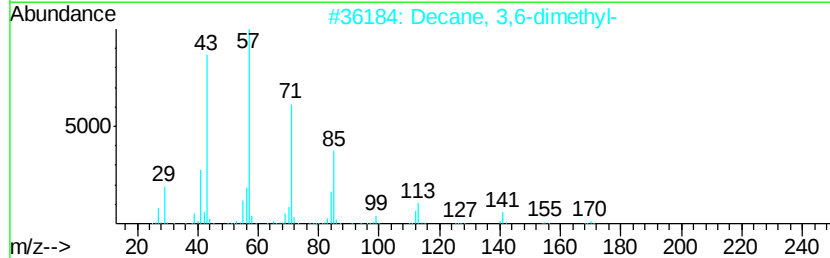
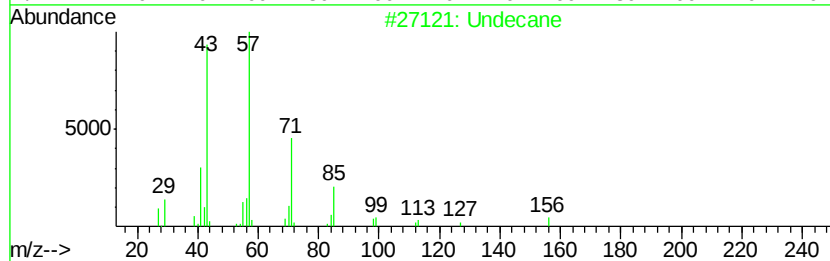
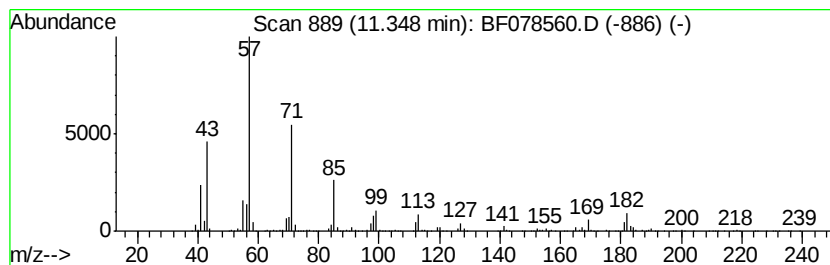
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Undecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.35	47.96 ng	2317640	Acenaphthene-d10	10.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane	156	C11H24	001120-21-4	74
2		Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	62
3		Dodecane, 3-methyl-	184	C13H28	017312-57-1	59
4		Hexadecane	226	C16H34	000544-76-3	59
5		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041515\
Data File : BF078560.D
Acq On : 16 Apr 2015 3:07
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Misc :
ALS Vial : 21 Sample Multiplier: 1

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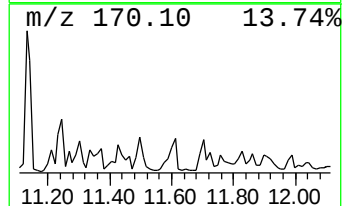
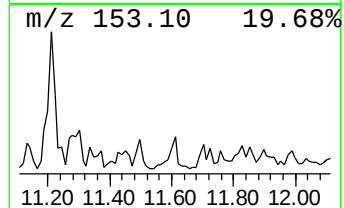
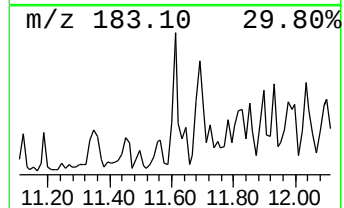
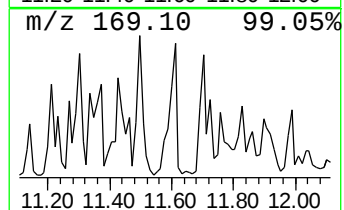
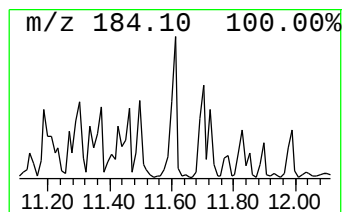
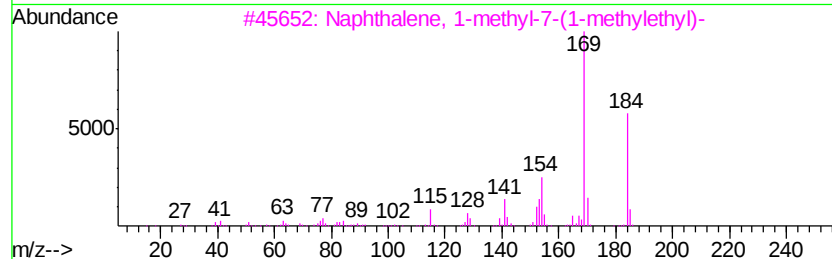
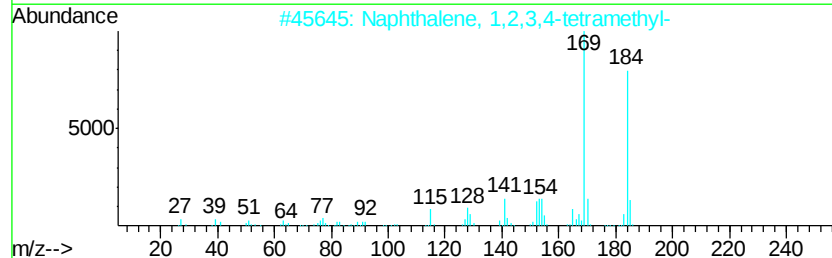
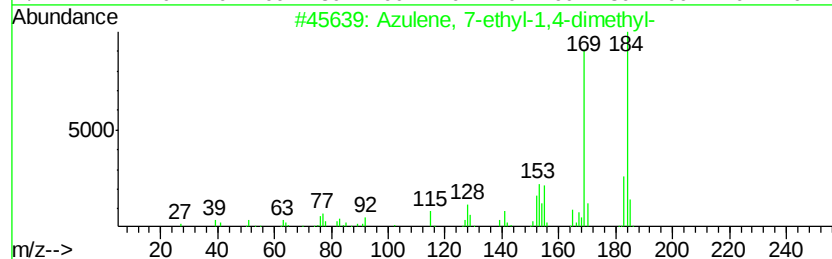
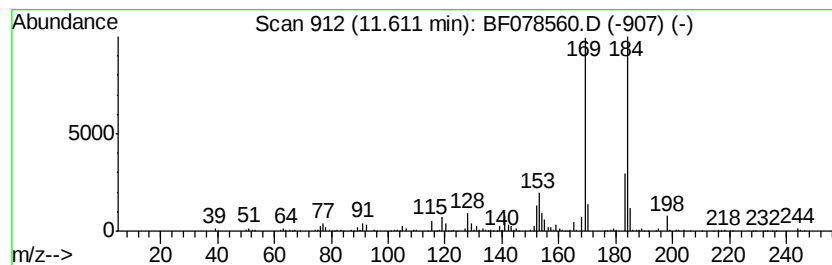
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Azulene, 7-ethyl-1,4-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.61	26.74 ng	824725	Phenanthrene-d10	12.29

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Azulene, 7-ethyl-1,4-dimethyl-	184	C14H16	000529-05-5	94
2			Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	87
3			Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	81
4			1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	76
5			Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041515\
Data File : BF078560.D
Acq On : 16 Apr 2015 3:07
Operator : TP/IZ
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Misc :
ALS Vial : 21 Sample Multiplier: 1

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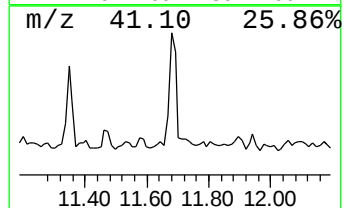
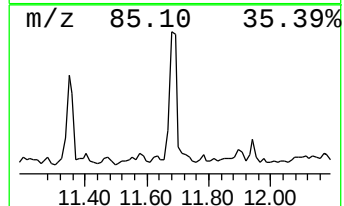
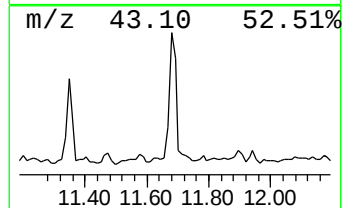
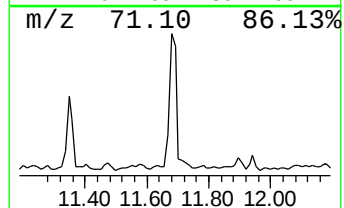
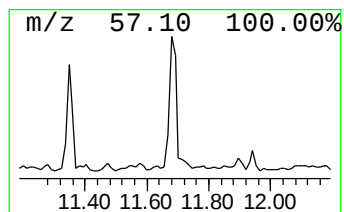
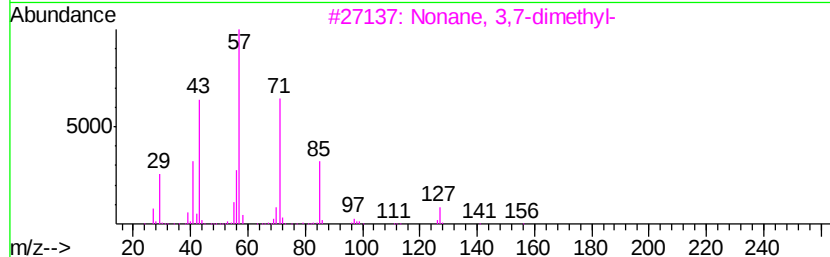
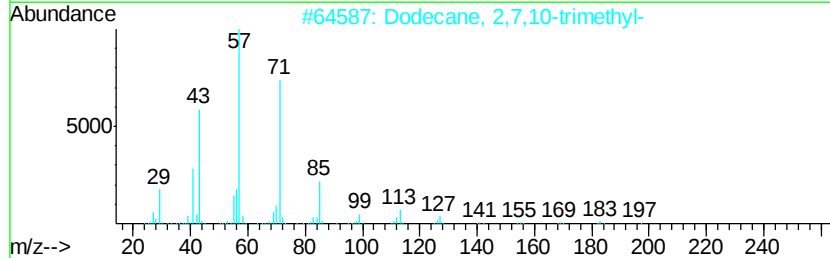
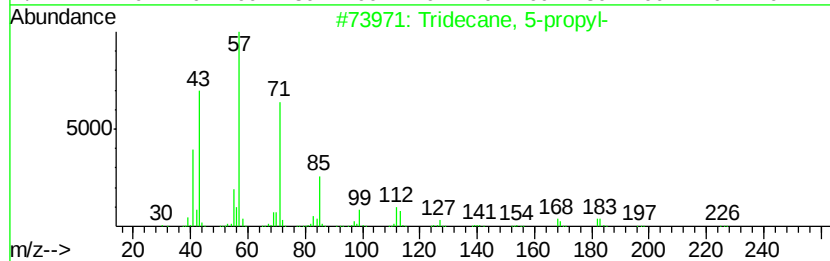
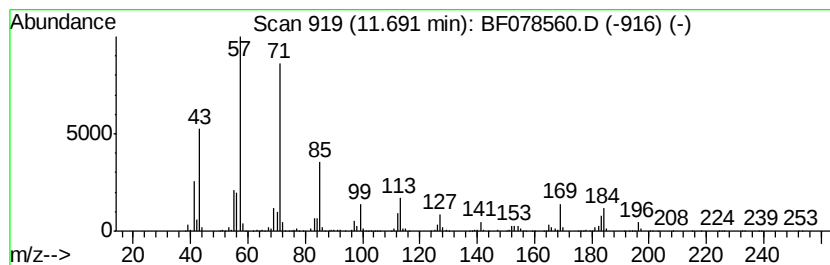
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Tridecane, 5-propyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	100.44 ng	3097610	Phenanthrene-d10	12.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 5-propyl-	226	C16H34	055045-11-9	74
2		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
3		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	60
4		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	53
5		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	52



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041515\
Data File : BF078560.D
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Sample : G1854-05 5X
Misc :
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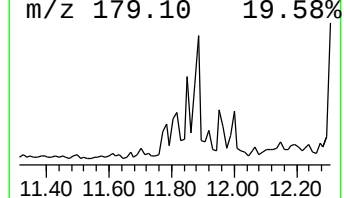
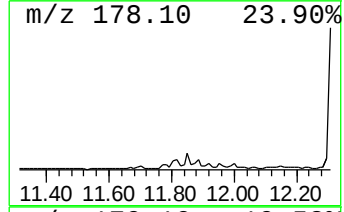
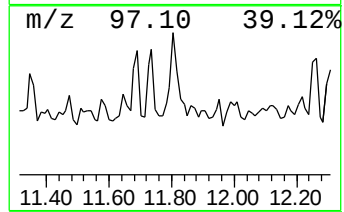
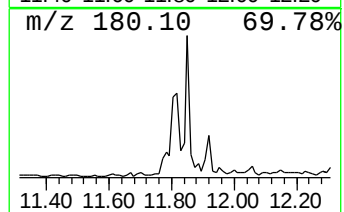
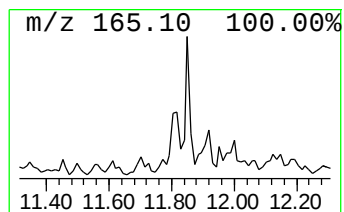
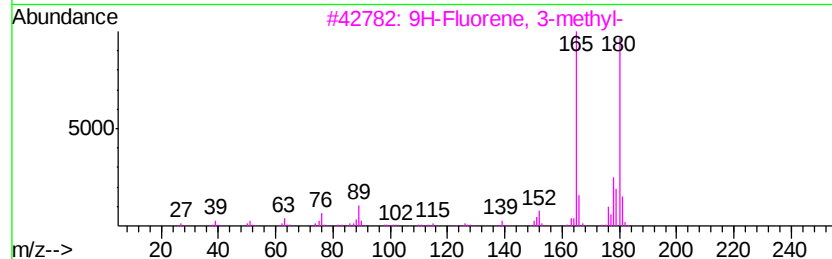
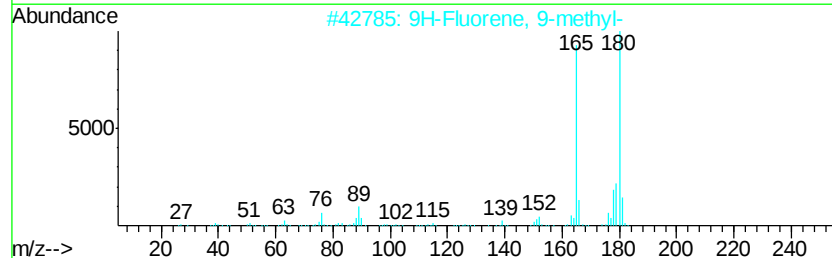
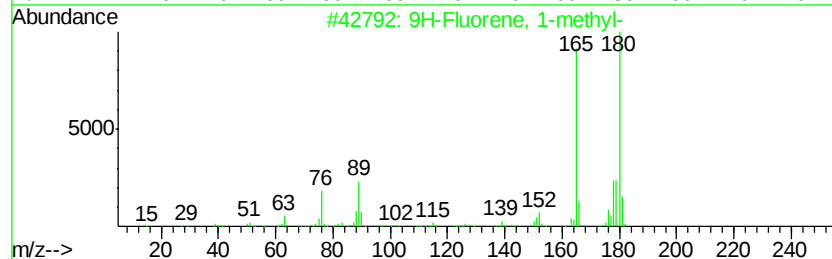
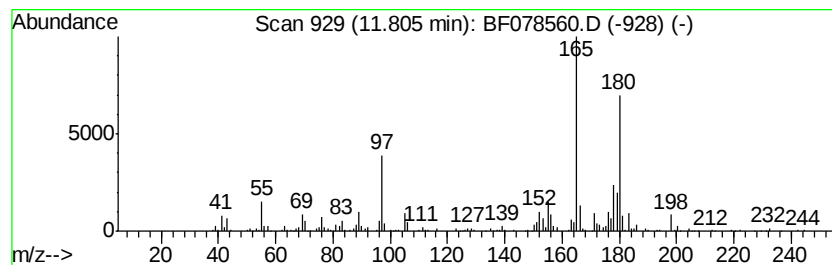
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 9H-Fluorene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.		
11.81	29.32 ng	904366	Phenanthrene-d10		12.29		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	55
2			9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	55
3			9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	55
4			4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	55
5			(3H)Benzo[c]pyrrole, 3-methyl-3-...	208	C14H12N2	059341-20-7	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041515\
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Misc :
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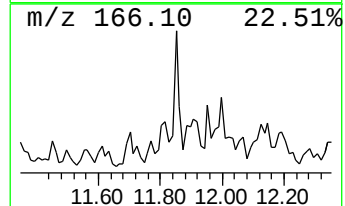
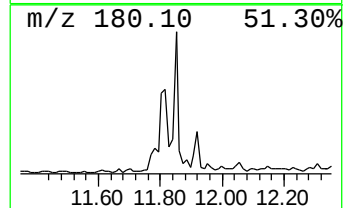
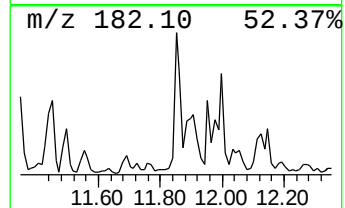
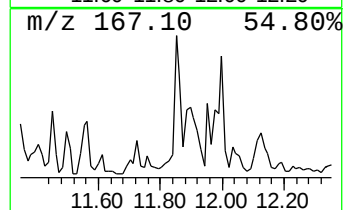
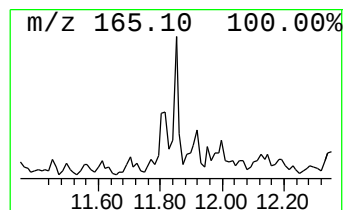
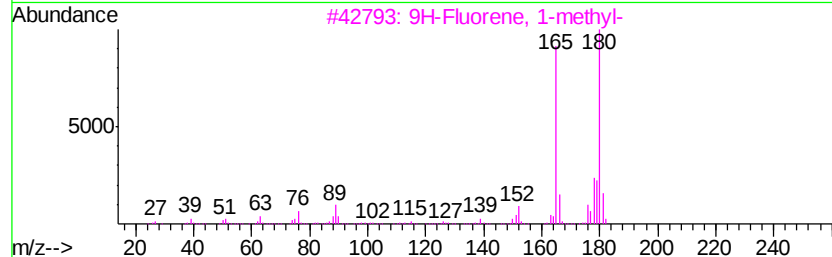
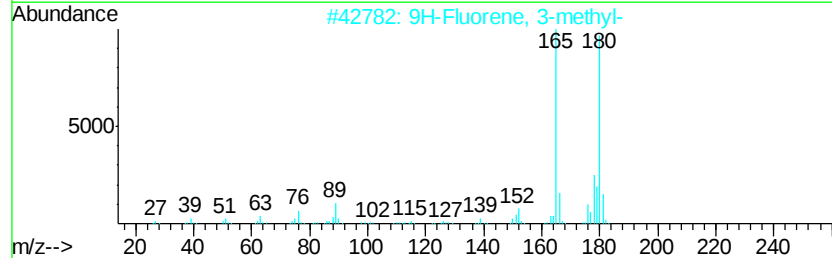
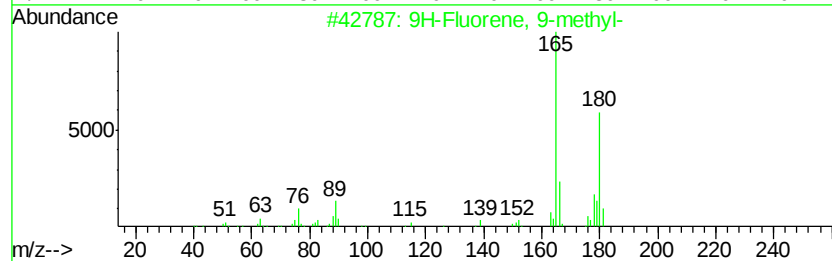
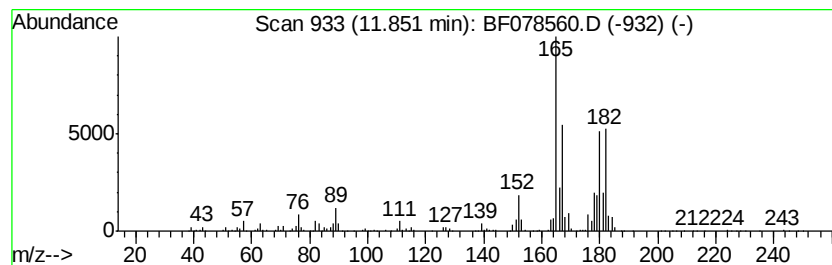
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 9H-Fluorene, 9-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	26.67 ng	822622	Phenanthrene-d10	12.29

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	55
2			9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	50
3			9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	50
4			1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	46
5			9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	45



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041515\
Data File : BF078560.D
Acq On : 16 Apr 2015 3:07
Operator : TP/IZ
Sample : G1854-05 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

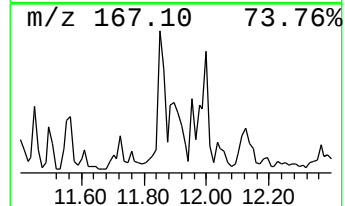
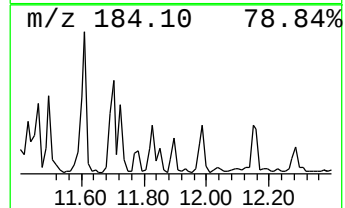
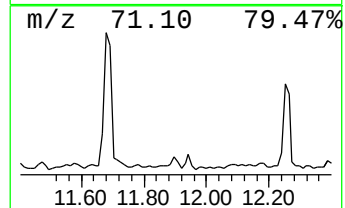
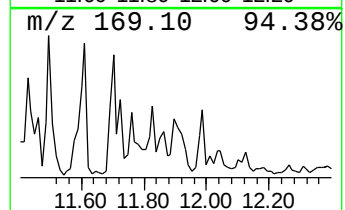
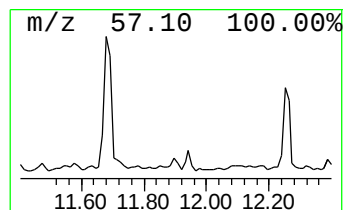
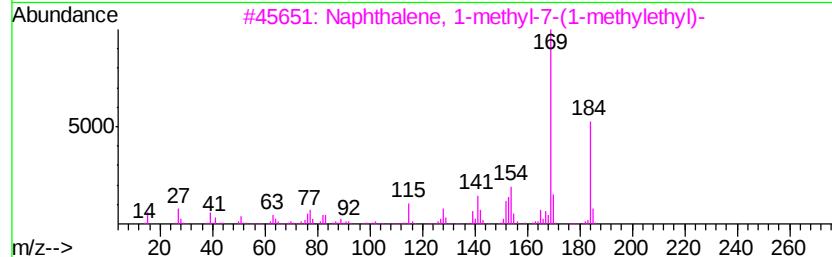
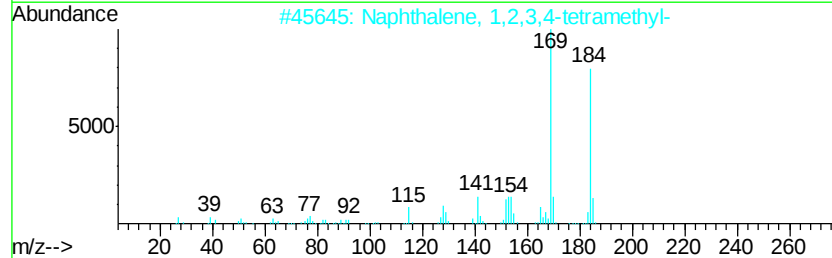
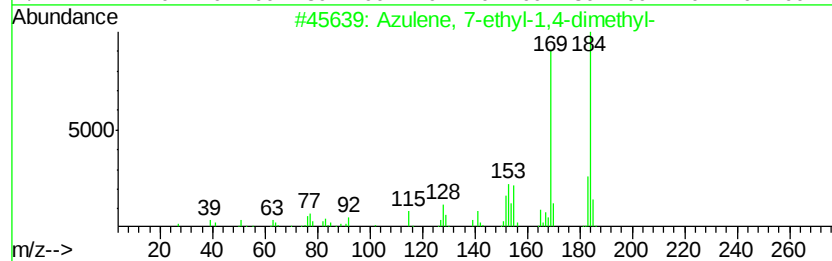
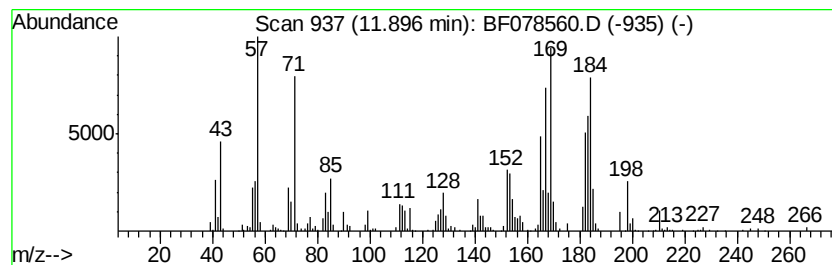
Instrument :
BNA_F
ClientSampleId :
LS-SB101

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown11.90 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.90	32.10 ng	989942	Phenanthrene-d10	12.29	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azulene, 7-ethyl-1,4-dimethyl-	184	C14H16	000529-05-5	38
2	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	38
3	Naphthalene, 1-methyl-7-(1-methyl...	184	C14H16	000490-65-3	38
4	Methyl E-2-bromo-3-chloropropenoate	198	C4H4BrClO2	120782-25-4	35
5	3,4,4-Trimethyl-5-methylene-2-et...	184	C9H16N2S	037120-36-8	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041515\
Data File : BF078560.D
Acq On : 16 Apr 2015 3:07
Operator : TP/IZ
Sample : G1854-05 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

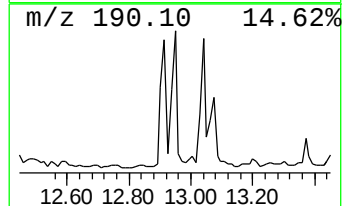
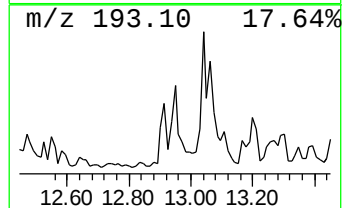
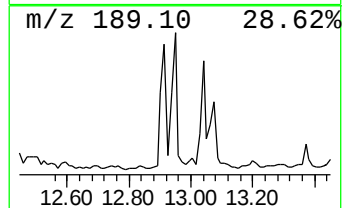
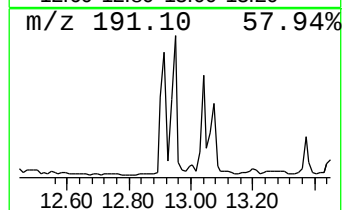
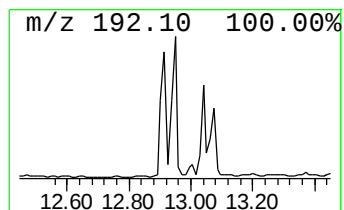
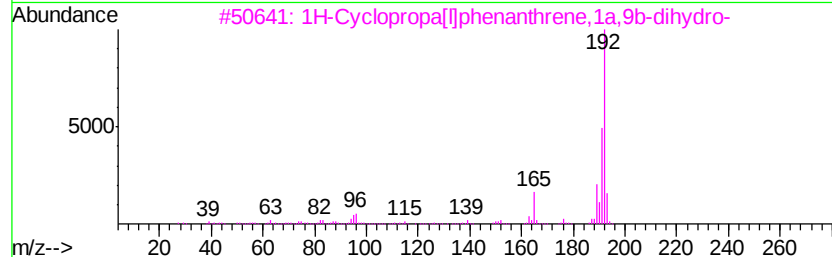
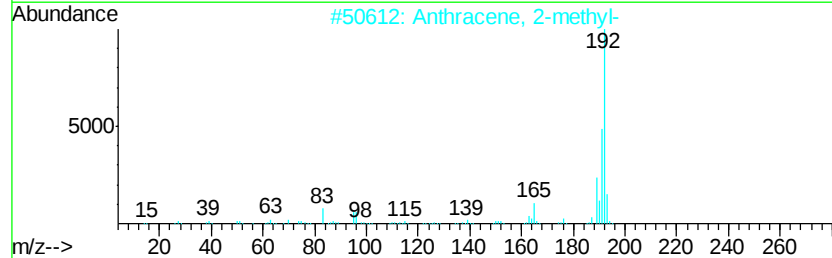
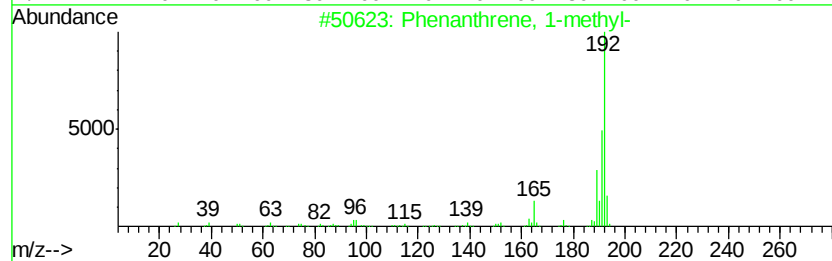
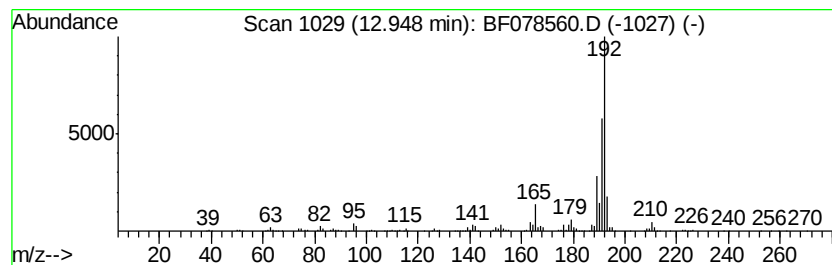
Instrument :
BNA_F
ClientSampleId :
LS-SB101

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Phenanthrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.95	29.60 ng	913006	Phenanthrene-d10	12.29	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	94
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041515\
Data File : BF078560.D
Acq On : 16 Apr 2015 3:07
Operator : TP/IZ
Sample : G1854-05 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LS-SB101

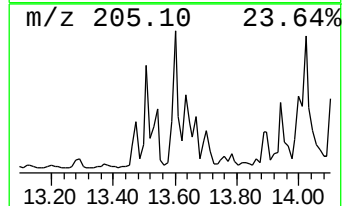
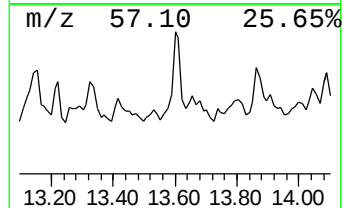
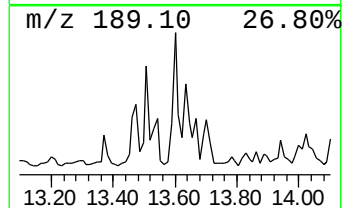
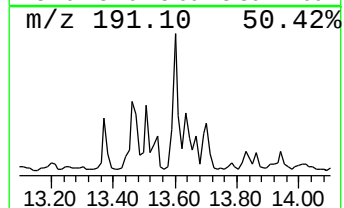
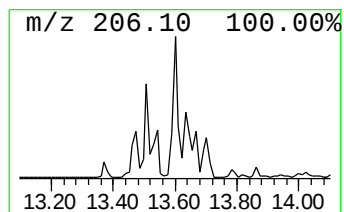
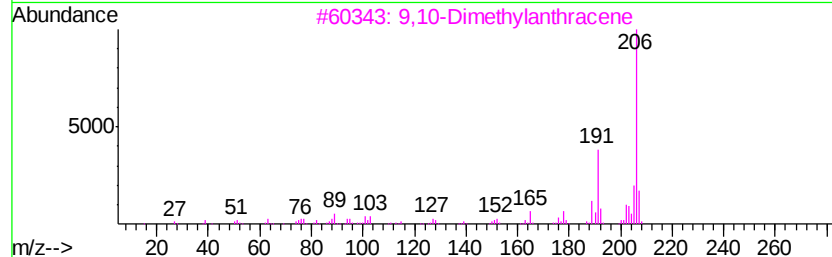
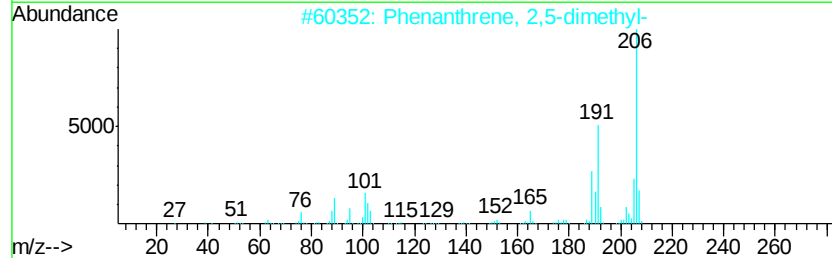
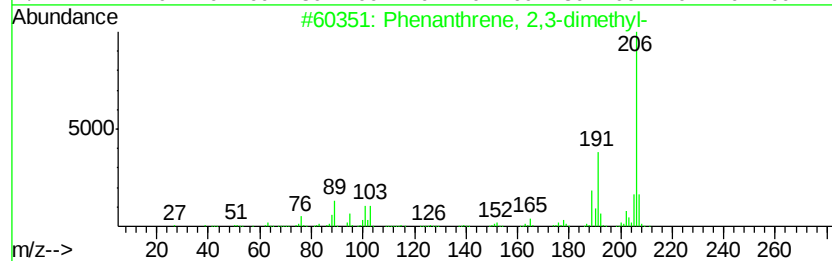
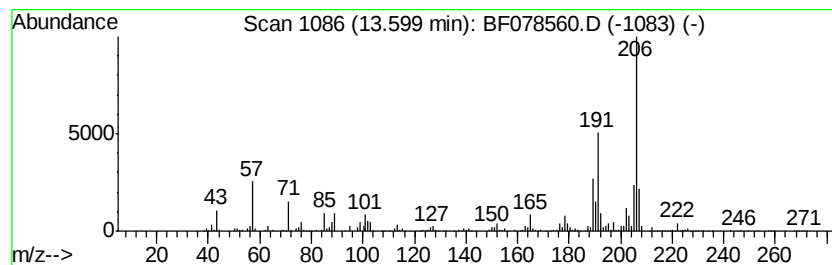
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Phenanthrene, 2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.60	33.22 ng	1024510	Phenanthrene-d10	12.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
2		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3		9,10-Dimethylantracene	206	C16H14	000781-43-1	91
4		Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	90
5		Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041515\
 Data File : BF078560.D
 Acq On : 16 Apr 2015 3:07
 Operator : TP/IZ
 Sample : G1854-05 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SB101

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.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
Benzene, 1-methyl...	7.34	30.1	ng	399712	1	6.71	265368	20.0
Naphthalene, 1,5-...	9.96	30.3	ng	1463240	3	10.46	966501	20.0
Naphthalene, 2,3-...	10.06	40.8	ng	1973330	3	10.46	966501	20.0
Naphthalene, 1,4-...	10.09	35.8	ng	1729560	3	10.46	966501	20.0
Pentadecane, 7-me...	10.20	69.0	ng	3332870	3	10.46	966501	20.0
Naphthalene, 2-(1...	10.62	27.1	ng	1310540	3	10.46	966501	20.0
Naphthalene, 2,3,...	10.73	31.5	ng	1522420	3	10.46	966501	20.0
Naphthalene, 1,6,...	10.78	28.9	ng	1396620	3	10.46	966501	20.0
Naphthalene, 1,4,...	10.87	31.9	ng	1539770	3	10.46	966501	20.0
Naphthalene, 1,4,...	10.98	37.8	ng	1827220	3	10.46	966501	20.0
1-Isopropenyl naph...	11.21	37.7	ng	1820410	3	10.46	966501	20.0
Undecane	11.35	48.0	ng	2317640	3	10.46	966501	20.0
Azulene, 7-ethyl-...	11.61	26.7	ng	824725	4	12.29	616826	20.0
Tridecane, 5-propyl-	11.69	100.4	ng	3097610	4	12.29	616826	20.0
9H-Fluorene, 1-me...	11.81	29.3	ng	904366	4	12.29	616826	20.0
9H-Fluorene, 9-me...	11.85	26.7	ng	822622	4	12.29	616826	20.0
unknown11.90	11.90	32.1	ng	989942	4	12.29	616826	20.0
Phenanthrene, 1-m...	12.95	29.6	ng	913006	4	12.29	616826	20.0
Phenanthrene, 2,3...	13.60	33.2	ng	1024510	4	12.29	616826	20.0