

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052916\
 Data File : BF087541.D
 Acq On : 30 May 2016 7:58
 Operator : UM/SJ
 Sample : H3303-05
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B3GW

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-BF052316.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	4.696	270	272	289	rBV	146106	479517	5.21%	0.382%
2	5.222	315	318	329	rBV	345326	833806	9.06%	0.665%
3	5.370	329	331	346	rVV	764685	1690193	18.36%	1.348%
4	5.622	351	353	361	rVV	138461	269470	2.93%	0.215%
5	6.719	447	449	452	rVV	357001	562603	6.11%	0.449%
6	6.845	458	460	464	rBV	275892	470663	5.11%	0.375%
7	6.970	469	471	474	rBV	139576	233745	2.54%	0.186%
8	7.027	474	476	482	rVV	620582	1252448	13.60%	0.999%
9	7.119	482	484	489	rVV	1759957	3216944	34.94%	2.565%
10	7.199	489	491	494	rVV	1112511	1707221	18.54%	1.361%
11	7.473	512	515	519	rBV	443888	713350	7.75%	0.569%
12	7.553	519	522	525	rVV2	613699	1106455	12.02%	0.882%
13	7.702	532	535	544	rBV2	1928379	3260156	35.41%	2.600%
14	7.942	554	556	560	rVB2	145603	276526	3.00%	0.221%
15	8.010	560	562	564	rBV	372511	598805	6.50%	0.478%
16	8.068	564	567	570	rVB2	112043	235101	2.55%	0.187%
17	8.113	570	571	580	rVB3	124481	313437	3.40%	0.250%
18	8.239	580	582	583	rBV	277256	340106	3.69%	0.271%
19	8.273	583	585	587	rVB	251856	324653	3.53%	0.259%
20	8.342	587	591	594	rBV2	524658	1325208	14.39%	1.057%
21	8.388	594	595	601	rVV	1512488	1982196	21.53%	1.581%
22	8.490	601	604	606	rVV2	191409	285648	3.10%	0.228%
23	8.570	609	611	614	rVB	190563	294119	3.19%	0.235%
24	8.650	614	618	622	rBV4	139455	347617	3.78%	0.277%
25	8.719	622	624	626	rBV	523659	641455	6.97%	0.512%
26	8.765	626	628	632	rVB2	400259	720153	7.82%	0.574%
27	8.902	638	640	644	rBV3	190027	479611	5.21%	0.382%
28	8.993	646	648	652	rVB2	396370	640678	6.96%	0.511%
29	9.096	652	657	662	rBV4	795675	2220735	24.12%	1.771%
30	9.188	662	665	668	rVB4	309998	600974	6.53%	0.479%
31	9.245	668	670	674	rBV3	453763	1079598	11.73%	0.861%
32	9.348	677	679	682	rVB2	209276	283697	3.08%	0.226%
33	9.473	687	690	691	rBV	389944	669035	7.27%	0.534%
34	9.508	691	693	694	rVV	1044678	1868233	20.29%	1.490%

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35	9.542	694	696	698	rVV	2707432	3888763	42.24%	3.101%
36	9.576	698	699	707	rVV4	503784	1266544	13.76%	1.010%
37	9.702	707	710	712	rVB	860943	1062018	11.54%	0.847%
38	9.782	712	717	720	rVB5	294212	844705	9.18%	0.674%
39	9.851	720	723	725	rBV2	352393	597607	6.49%	0.477%
40	9.976	732	734	736	rVB	413517	534399	5.80%	0.426%
41	10.022	736	738	742	rBV2	340366	709313	7.70%	0.566%
42	10.113	742	746	748	rVV3	268883	573297	6.23%	0.457%
43	10.159	748	750	752	rVB	498461	704383	7.65%	0.562%
44	10.228	752	756	758	rBV4	256332	621927	6.76%	0.496%
45	10.285	758	761	763	rVV2	997139	2008930	21.82%	1.602%
46	10.331	763	765	769	rVV2	527249	984979	10.70%	0.785%
47	10.468	776	777	779	rBV	200026	255971	2.78%	0.204%
48	10.571	782	786	790	rVB3	694452	1557619	16.92%	1.242%
49	10.674	792	795	798	rBV	4472752	9206551	100.00%	7.342%
50	10.719	798	799	801	rVB	231641	229236	2.49%	0.183%
51	10.834	804	809	810	rBV	3552306	6742023	73.23%	5.376%
52	10.868	810	812	819	rVB4	284778	822713	8.94%	0.656%
53	10.994	820	823	824	rBV3	211630	375512	4.08%	0.299%
54	11.028	824	826	828	rBV	340354	414919	4.51%	0.331%
55	11.211	839	842	844	rBV4	338740	631216	6.86%	0.503%
56	11.279	844	848	851	rVV2	2540121	4499498	48.87%	3.588%
57	11.359	853	855	857	rBV3	194312	248443	2.70%	0.198%
58	11.439	859	862	864	rVB	324070	420297	4.57%	0.335%
59	11.496	864	867	870	rBV3	633952	1338726	14.54%	1.068%
60	11.576	871	874	881	rVB	1198767	2260454	24.55%	1.803%
61	11.691	881	884	888	rBV	1935614	4333234	47.07%	3.456%
62	11.817	891	895	897	rBV	2605499	5245678	56.98%	4.183%
63	11.851	897	898	901	rVB	2266961	2841883	30.87%	2.266%
64	12.011	908	912	914	rVB3	1787511	3585372	38.94%	2.859%
65	12.125	918	922	924	rBV	770677	1578260	17.14%	1.259%
66	12.171	924	926	930	rVB3	817520	1346737	14.63%	1.074%
67	12.274	934	935	938	rBV2	164470	326030	3.54%	0.260%
68	12.354	938	942	943	rVV2	807008	1747989	18.99%	1.394%
69	12.388	943	945	948	rVV4	405409	934967	10.16%	0.746%
70	12.445	948	950	951	rVV	245383	319263	3.47%	0.255%
71	12.537	955	958	961	rVV	564324	1217351	13.22%	0.971%

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72	12.594	961	963	965	rVB2	237350	375244	4.08%	0.299%
73	12.697	968	972	975	rBV2	905527	1901643	20.66%	1.516%
74	12.765	975	978	980	rVB2	962100	1316702	14.30%	1.050%
75	12.879	985	988	990	rVB2	817725	1467630	15.94%	1.170%
76	12.925	990	992	994	rBV	641628	757518	8.23%	0.604%
77	13.005	998	999	1002	rBV2	338199	818708	8.89%	0.653%
78	13.165	1010	1013	1015	rVB	504720	647150	7.03%	0.516%
79	13.234	1015	1019	1022	rVB2	541308	1087431	11.81%	0.867%
80	13.314	1022	1026	1029	rBV4	726195	1450475	15.75%	1.157%
81	13.371	1029	1031	1033	rVV2	224508	382148	4.15%	0.305%
82	13.440	1035	1037	1041	rVV3	234356	384822	4.18%	0.307%
83	13.520	1041	1044	1047	rVV3	929579	1766298	19.19%	1.409%
84	13.634	1051	1054	1058	rVV2	1713989	2789009	30.29%	2.224%
85	13.702	1058	1060	1063	rVB2	221369	363645	3.95%	0.290%
86	13.965	1079	1083	1085	rBV	1575536	2927272	31.80%	2.334%
87	14.354	1115	1117	1120	rVB2	209193	305553	3.32%	0.244%
88	14.708	1146	1148	1150	rVV	651691	1166756	12.67%	0.930%
89	14.743	1150	1151	1153	rVV	558583	601779	6.54%	0.480%
90	14.777	1153	1154	1158	rVB	213286	372745	4.05%	0.297%
91	14.960	1167	1170	1174	rBV3	210750	521061	5.66%	0.416%
92	15.268	1195	1197	1202	rVB2	255608	473361	5.14%	0.377%
93	15.543	1219	1221	1223	rBV	267924	392586	4.26%	0.313%
94	15.588	1223	1225	1230	rVB	225507	364206	3.96%	0.290%
95	15.725	1236	1237	1240	rVB2	165229	261243	2.84%	0.208%
96	16.343	1289	1291	1294	rBV	209380	279028	3.03%	0.223%
97	16.926	1340	1342	1345	rVB	334868	388772	4.22%	0.310%
98	17.086	1354	1356	1359	rBV	2491184	2925986	31.78%	2.333%
99	18.446	1473	1475	1485	rVB	307427	671686	7.30%	0.536%
100	20.137	1620	1623	1636	rVB2	217514	639610	6.95%	0.510%

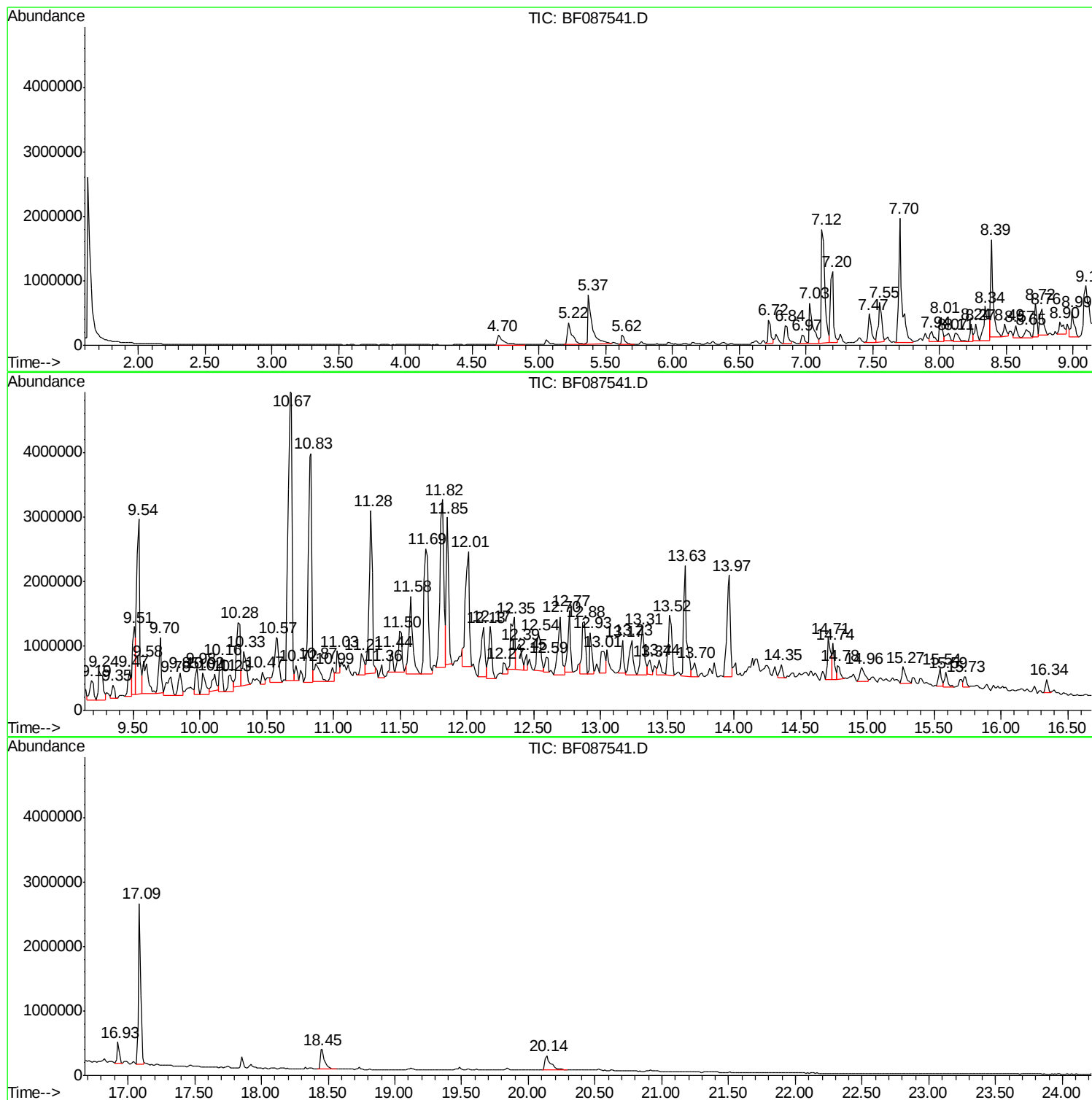
Sum of corrected areas: 125401030

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Instrument :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



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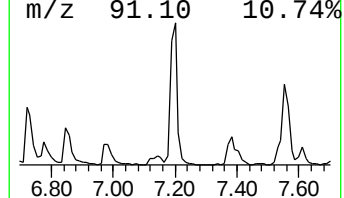
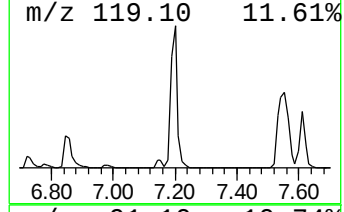
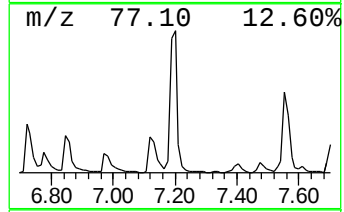
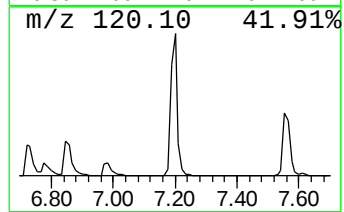
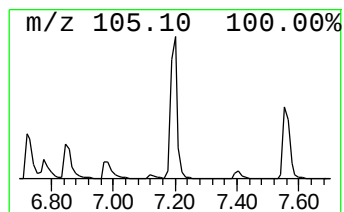
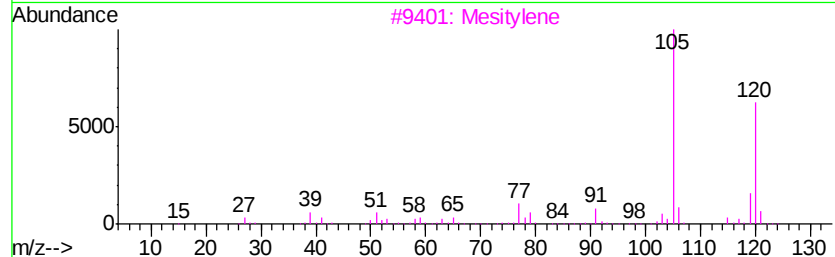
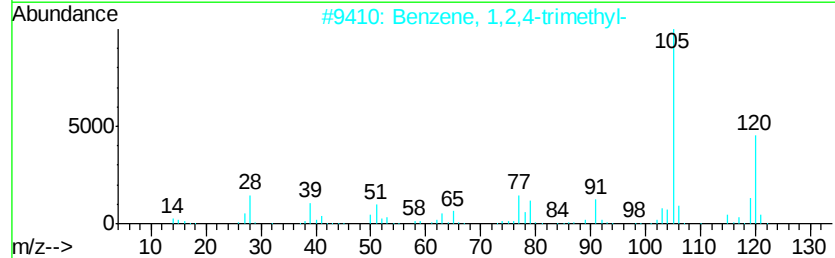
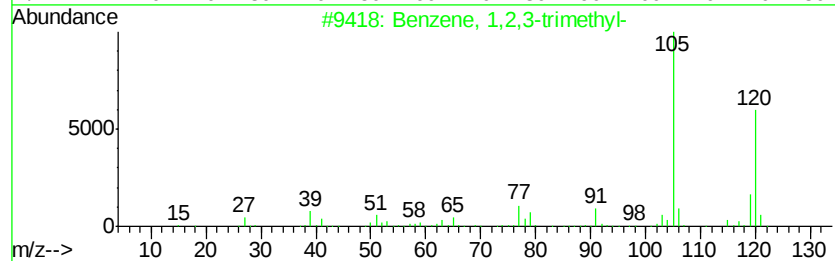
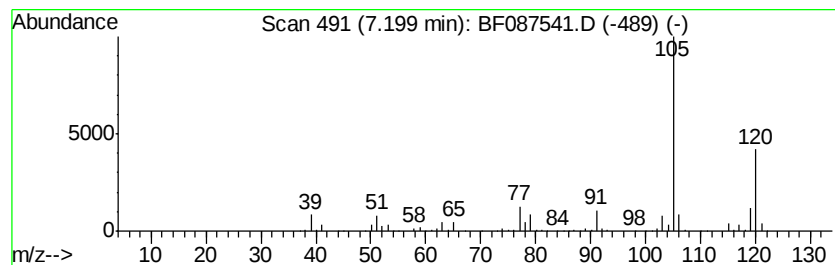
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1,2,3-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.20	47.86 ng	1707220	1,4-Dichlorobenzene-d4	7.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3		Mesitylene	120	C9H12	000108-67-8	91
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90



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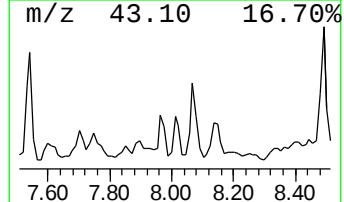
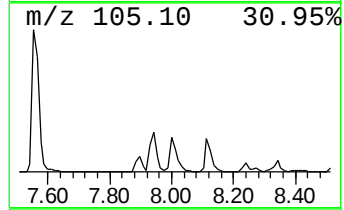
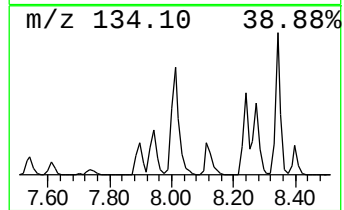
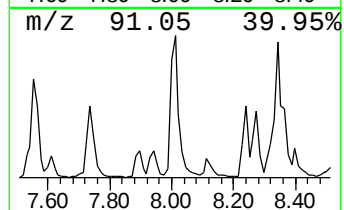
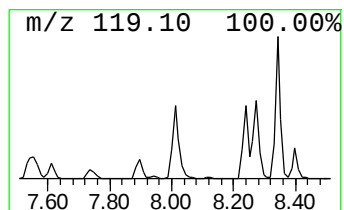
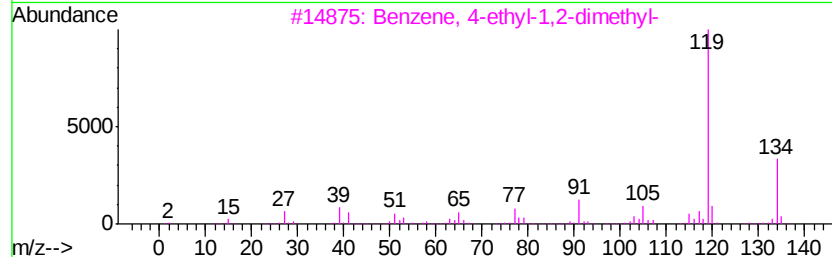
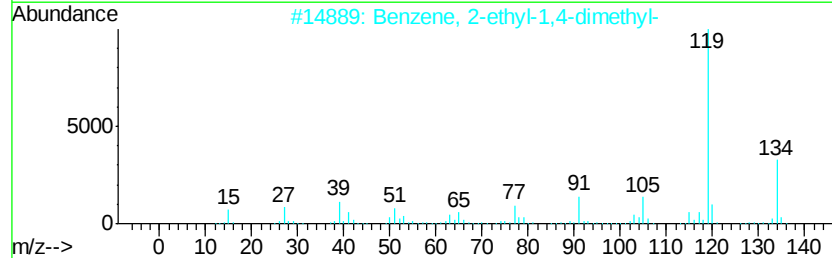
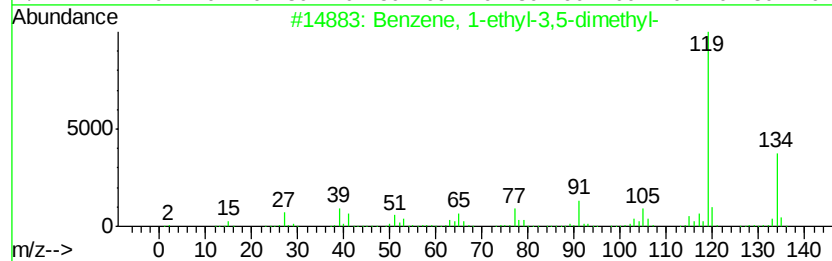
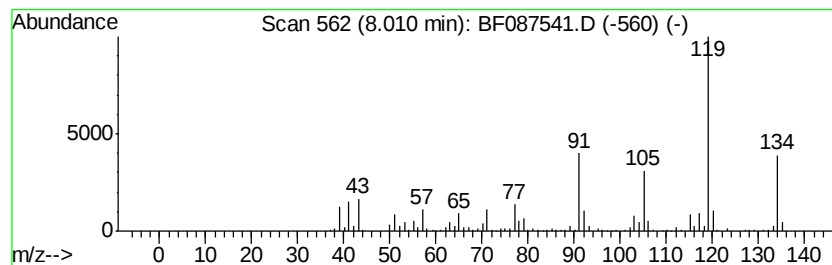
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.01	16.79 ng	598805	1,4-Dichlorobenzene-d4	7.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	95
2		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93
3		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
4		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	93
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91



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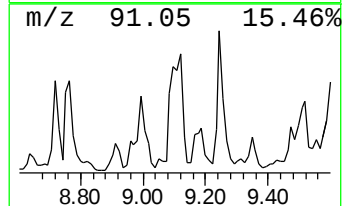
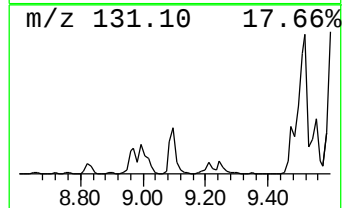
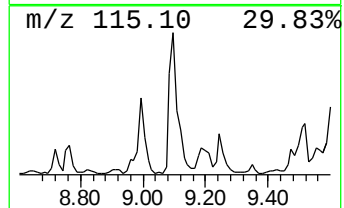
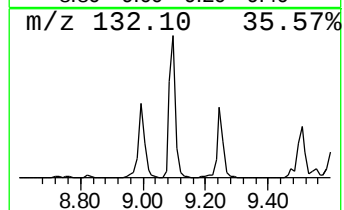
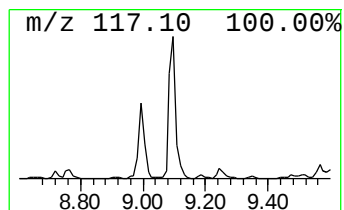
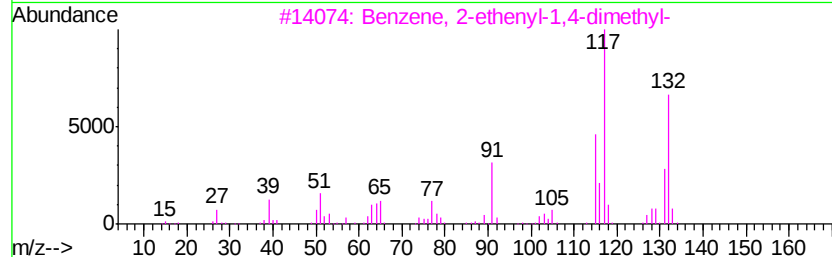
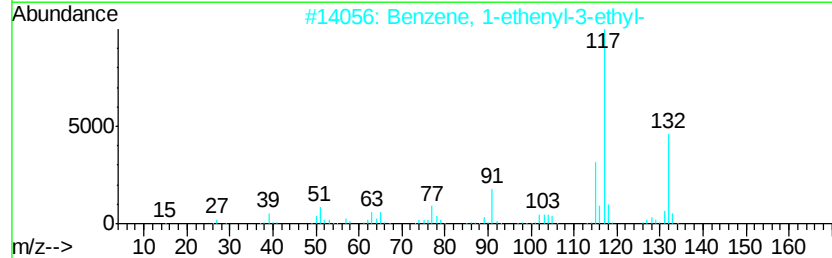
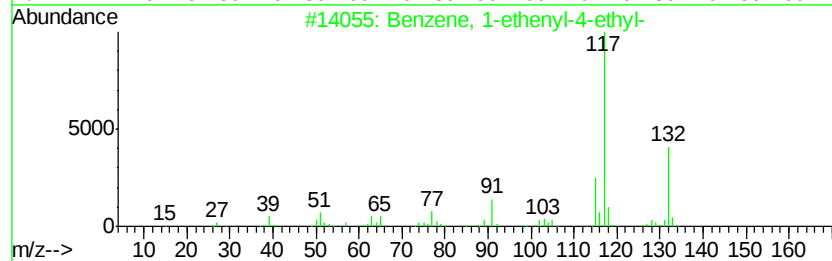
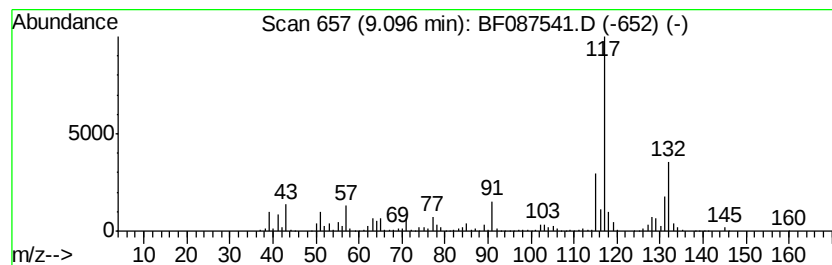
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Peak Number 7 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.10	23.77 ng	2220740	Naphthalene-d8	9.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
2		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	93
3		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
4		3-Phenylbut-1-ene	132	C10H12	000934-10-1	91
5		Benzene, 2-butenyl-	132	C10H12	001560-06-1	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
Data File : BF087541.D
Acq On : 30 May 2016 7:58
Operator : UM/SJ
Sample : H3303-05
Misc :
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ClientSampleId :
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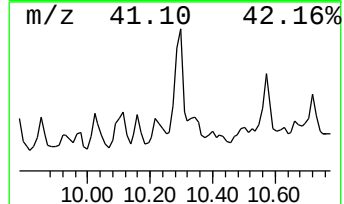
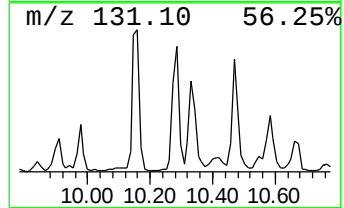
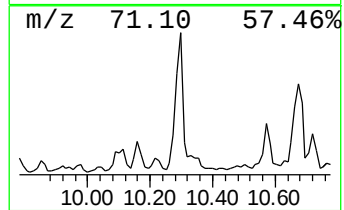
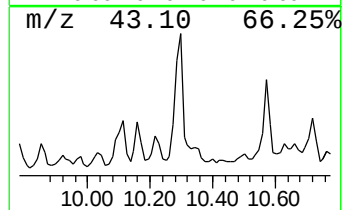
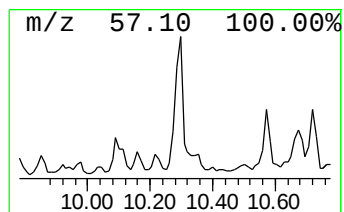
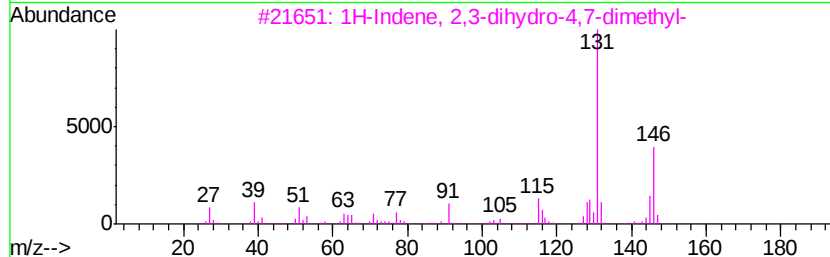
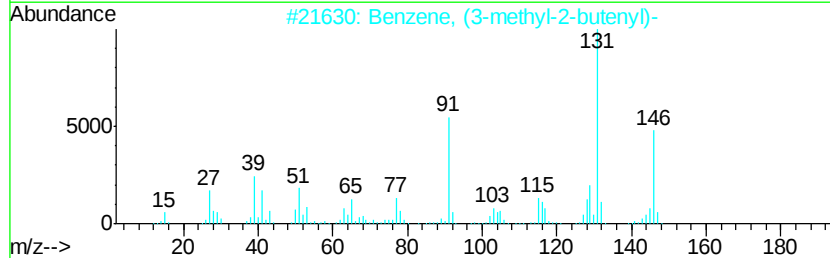
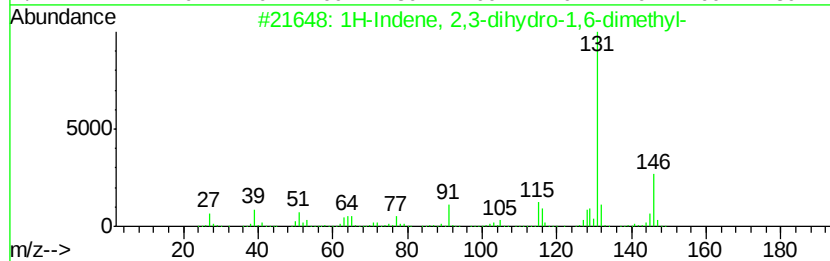
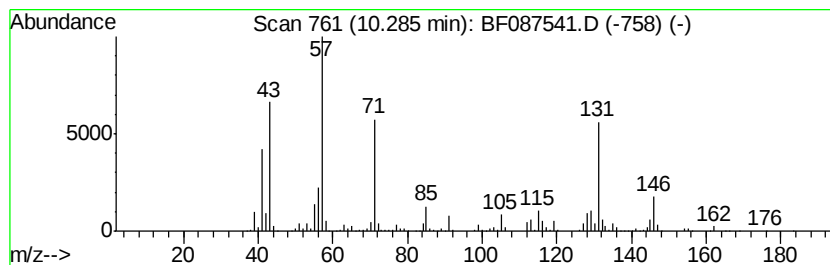
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.28	21.51 ng	2008930	Naphthalene-d8	9.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	66
2		Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	52
3		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	52
4		Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	46
5		1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	46



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
Data File : BF087541.D
Acq On : 30 May 2016 7:58
Operator : UM/SJ
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Misc :
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Instrument :
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ClientSampleId :
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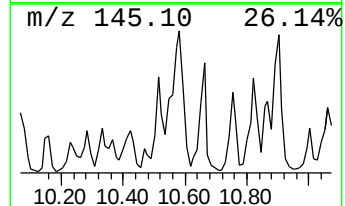
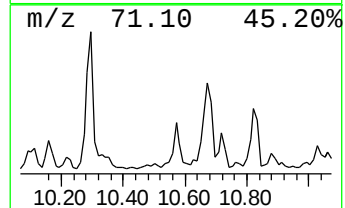
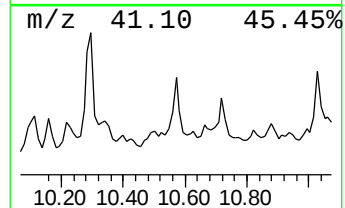
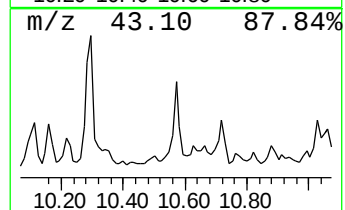
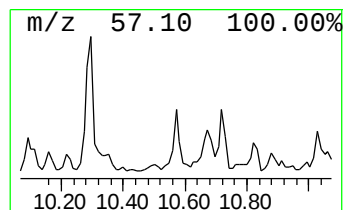
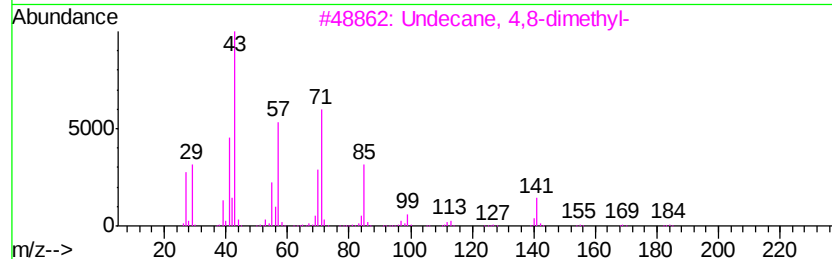
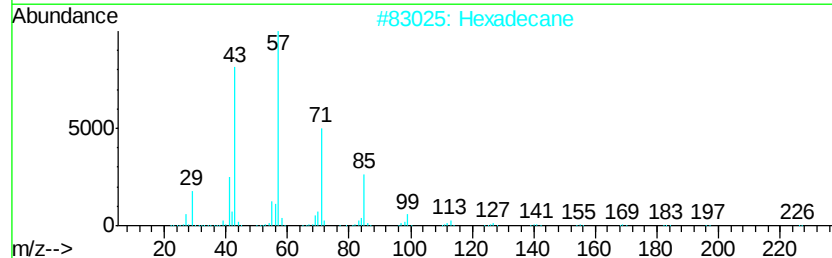
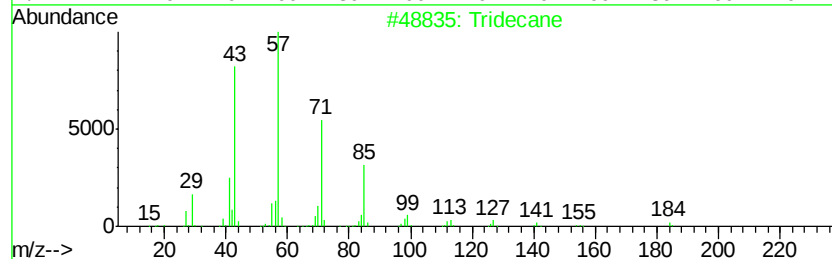
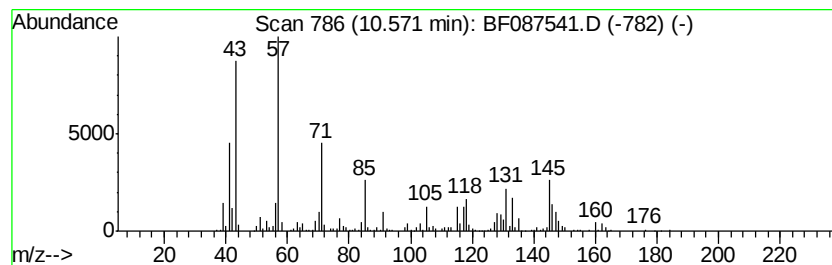
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 unknown10.57 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.57	16.67 ng	1557620	Napthalene-d8	9.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	38
2		Hexadecane	226	C16H34	000544-76-3	30
3		Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	30
4		Nonane, 5-butyl-	184	C13H28	017312-63-9	30
5		Dodecane, 2-methyl-	184	C13H28	001560-97-0	25



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
Data File : BF087541.D
Acq On : 30 May 2016 7:58
Operator : UM/SJ
Sample : H3303-05
Misc :
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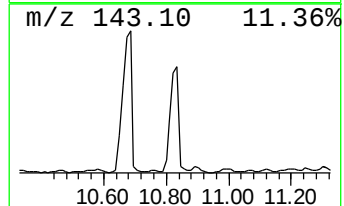
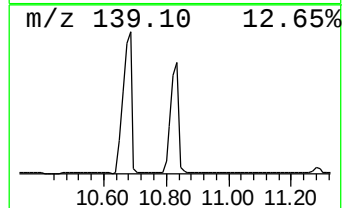
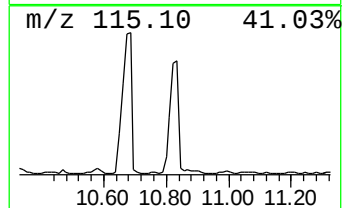
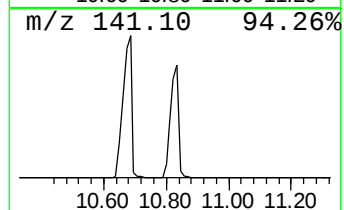
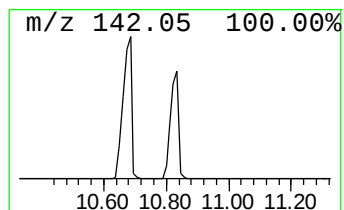
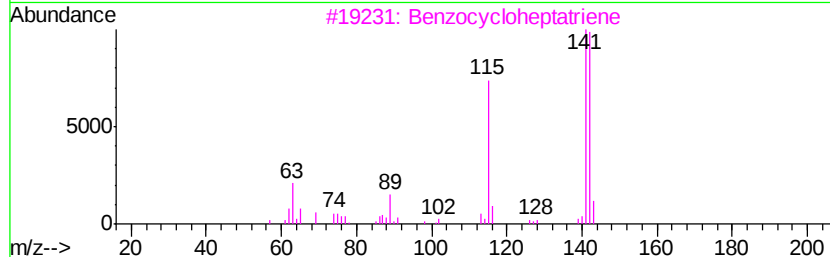
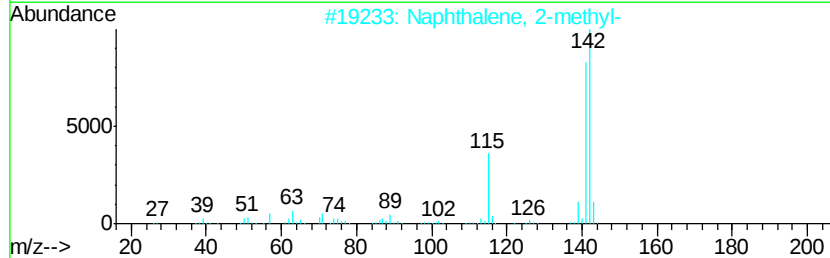
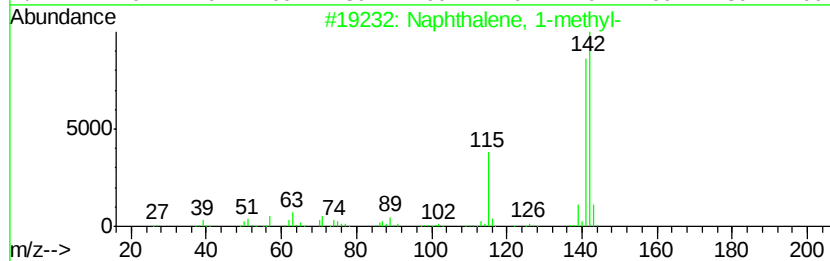
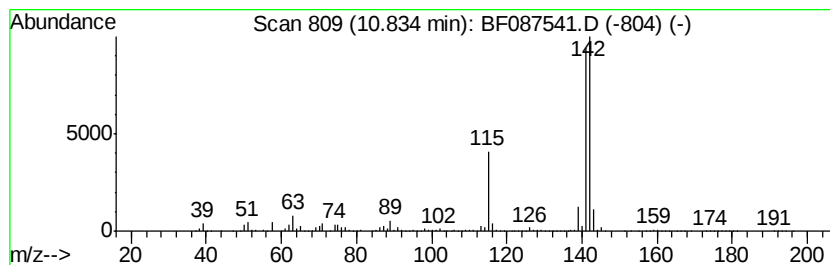
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Naphthalene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.83	72.18 ng	6742020	Naphthalene-d8	9.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3		Benzocycloheptatriene	142	C11H10	000264-09-5	94
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
5		Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
Data File : BF087541.D
Acq On : 30 May 2016 7:58
Operator : UM/SJ
Sample : H3303-05
Misc :
ALS Vial : 63 Sample Multiplier: 1

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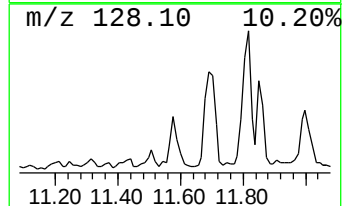
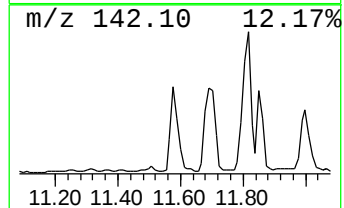
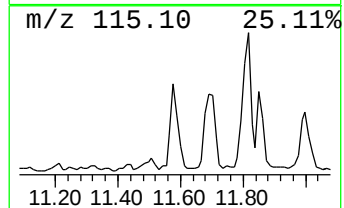
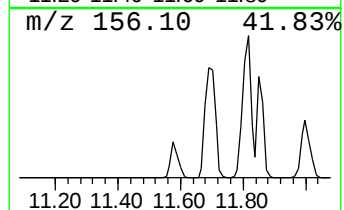
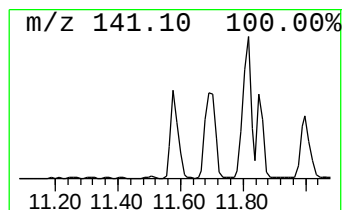
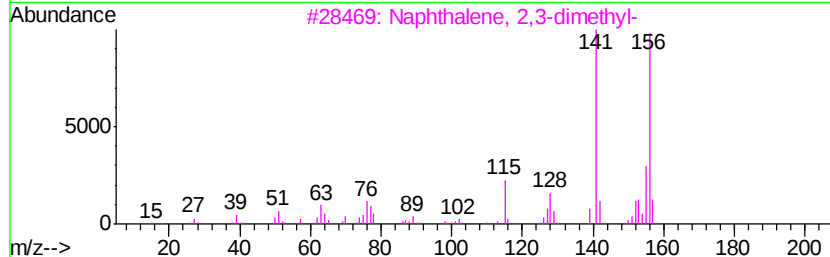
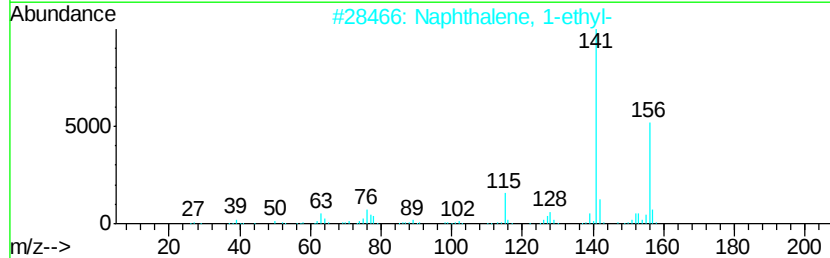
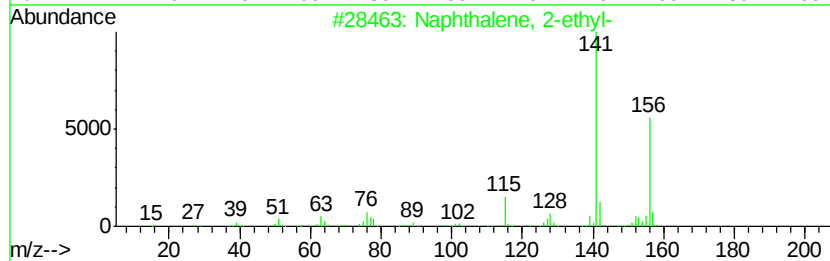
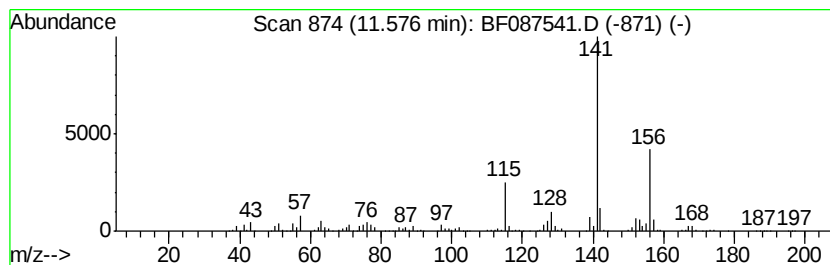
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Naphthalene, 2-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.58	25.86 ng	2260450	Acenaphthene-d10	12.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	96
2		Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	87
4		Butethal	212	C10H16N2O3	000077-28-1	59
5		Naphthalene, 1-propyl-	170	C13H14	002765-18-6	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
Data File : BF087541.D
Acq On : 30 May 2016 7:58
Operator : UM/SJ
Sample : H3303-05
Misc :
ALS Vial : 63 Sample Multiplier: 1

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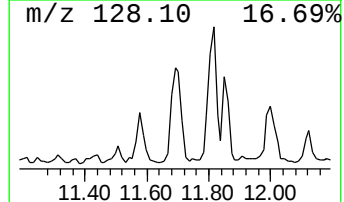
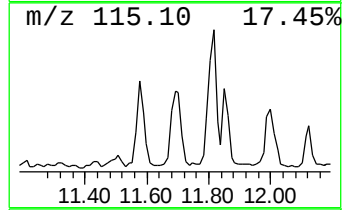
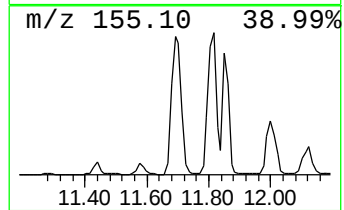
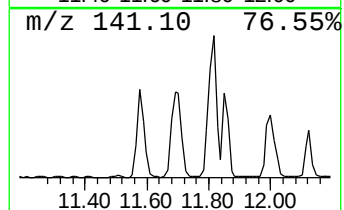
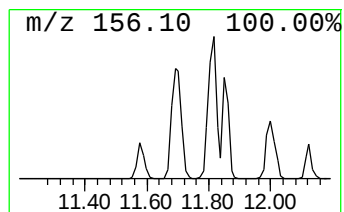
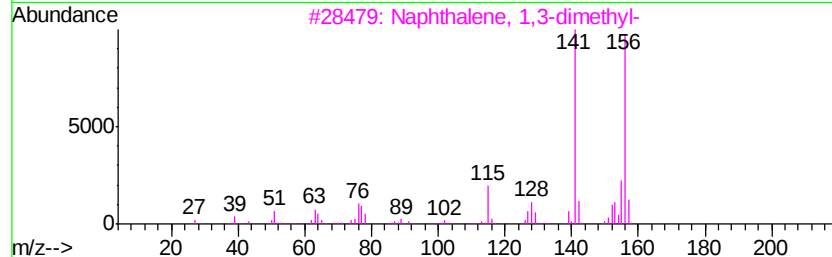
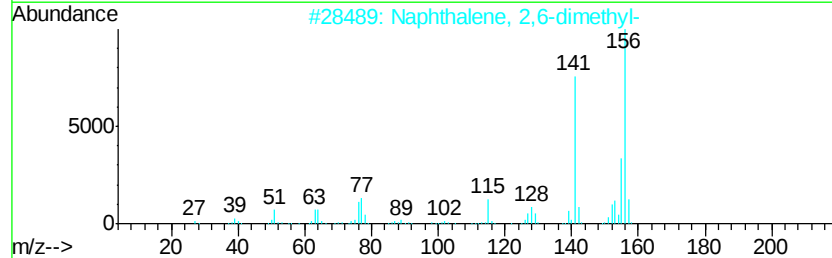
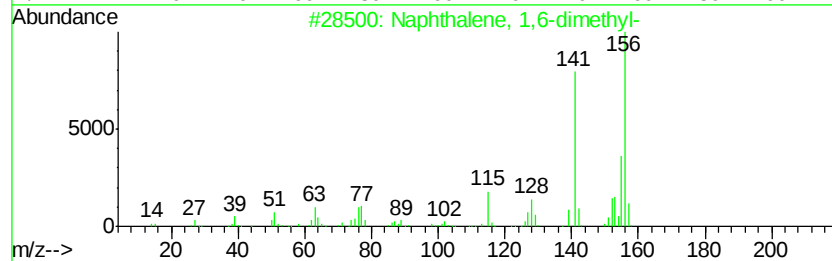
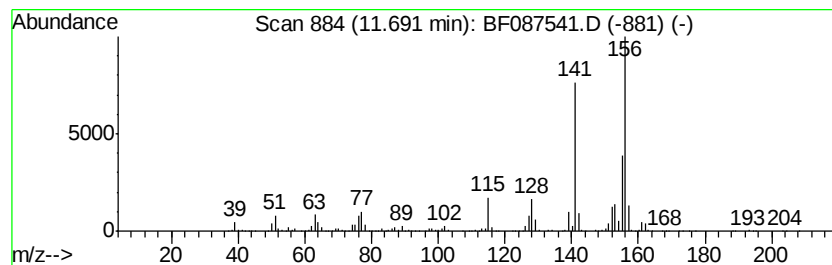
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Naphthalene, 1,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	49.58 ng	4333230	Acenaphthene-d10	12.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
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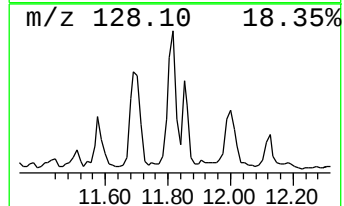
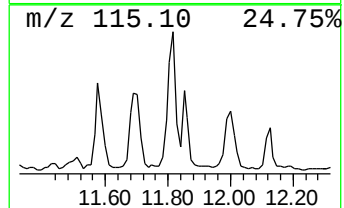
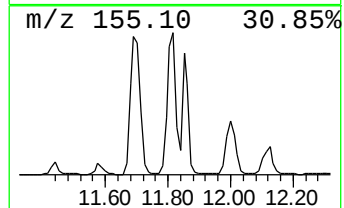
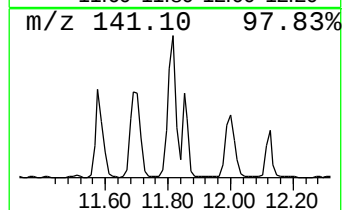
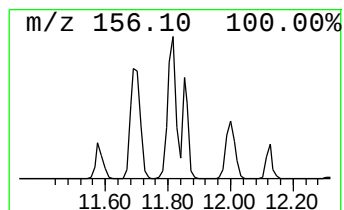
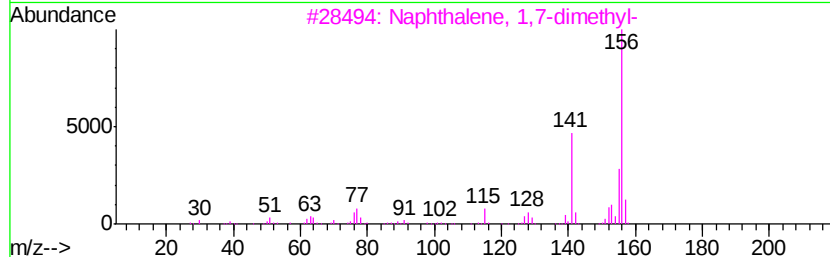
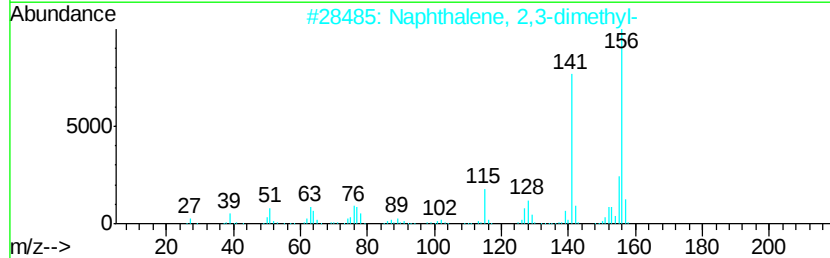
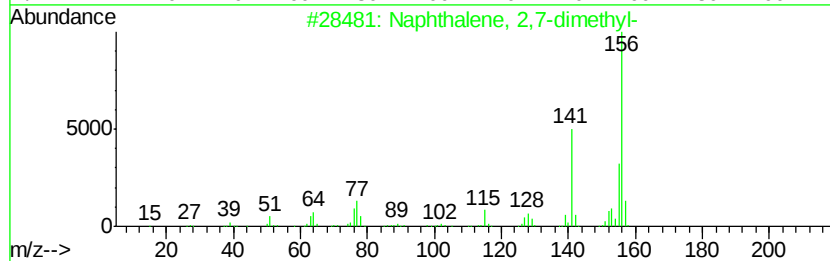
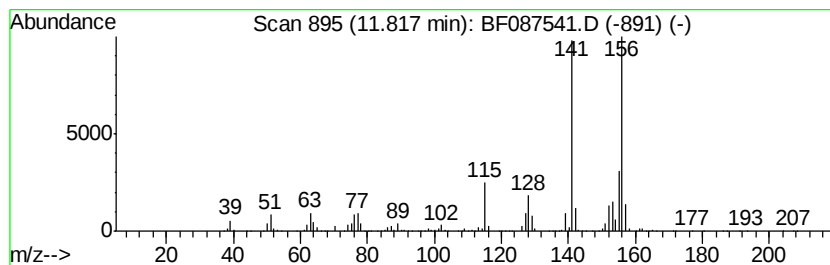
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Naphthalene, 2,7-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	60.02 ng	5245680	Acenaphthene-d10	12.33
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 97
2		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97
3		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 97
4		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 97
5		Naphthalene, 1,4-dimethyl-	156 C12H12	000571-58-4 97



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052916\
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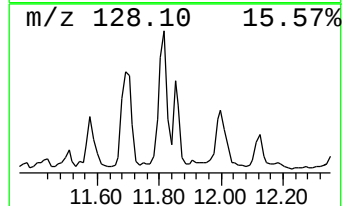
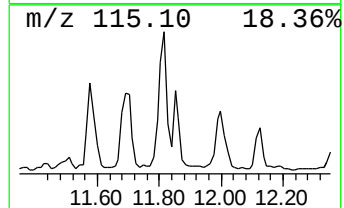
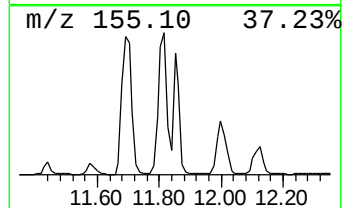
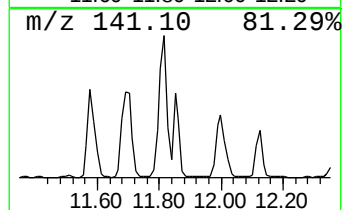
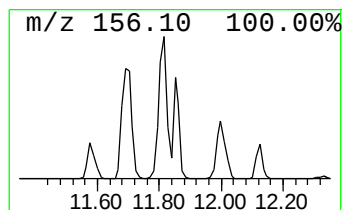
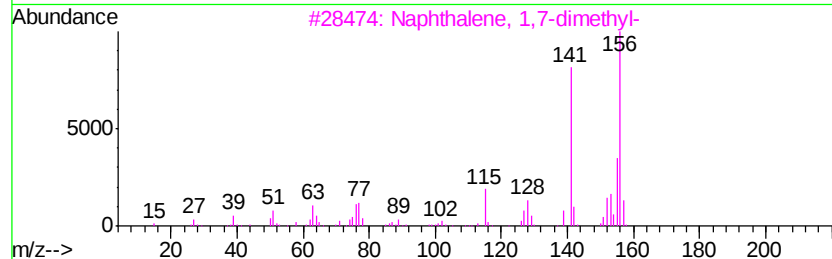
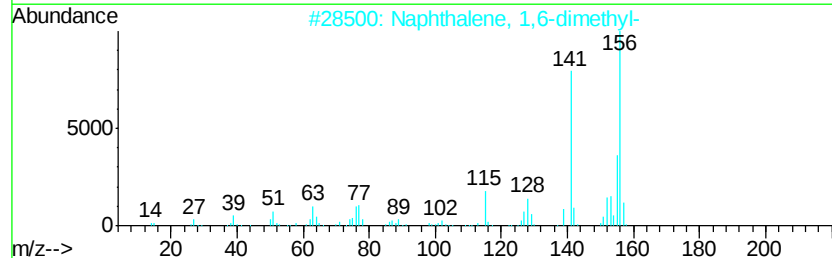
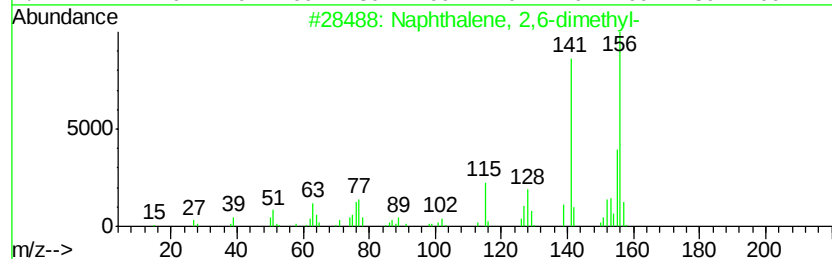
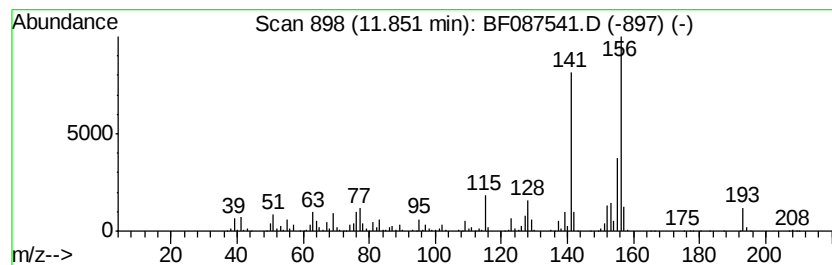
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Naphthalene, 2,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	32.52 ng	2841880	Acenaphthene-d10	12.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
4		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
Data File : BF087541.D
Acq On : 30 May 2016 7:58
Operator : UM/SJ
Sample : H3303-05
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B3GW

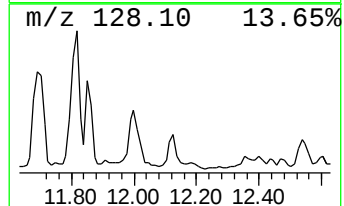
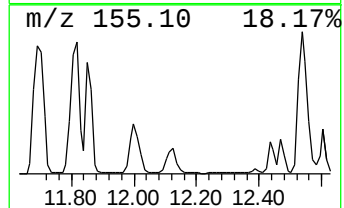
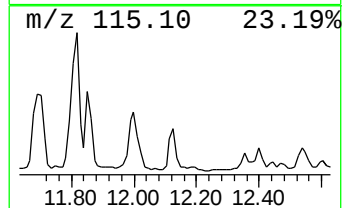
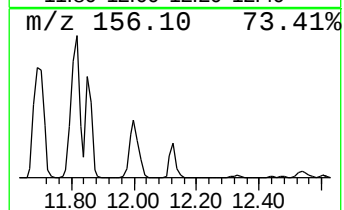
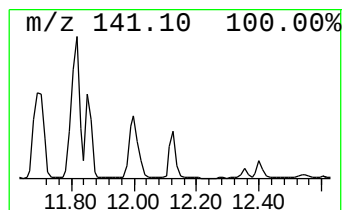
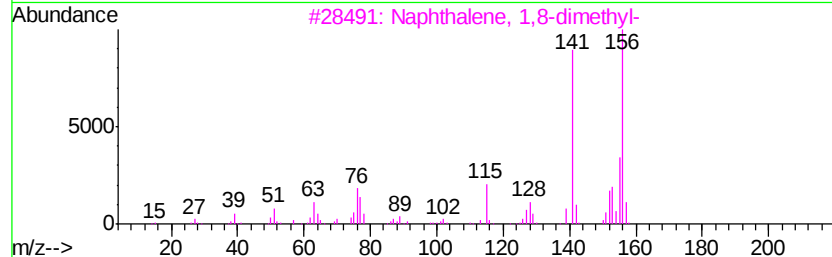
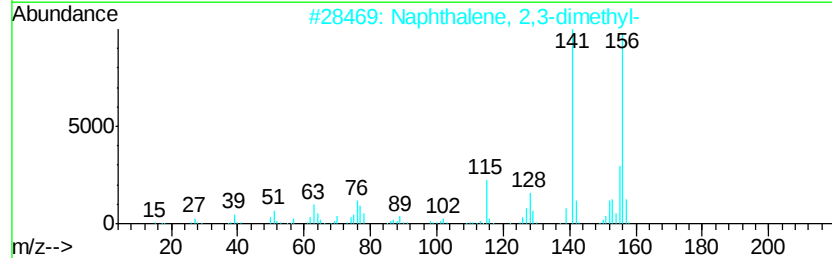
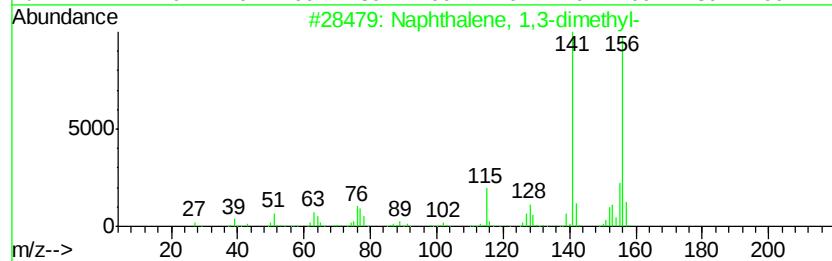
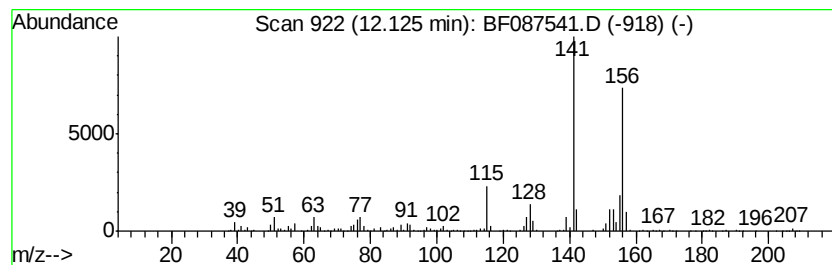
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Naphthalene, 1,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	18.06 ng	1578260	Acenaphthene-d10	12.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3		Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	95
4		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
5		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	95



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
Data File : BF087541.D
Acq On : 30 May 2016 7:58
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ClientSampleId :
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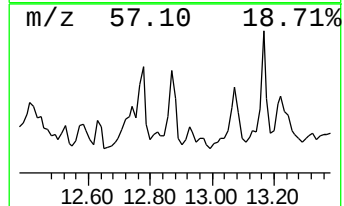
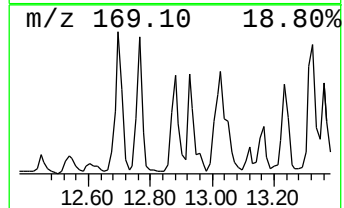
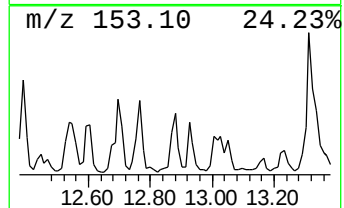
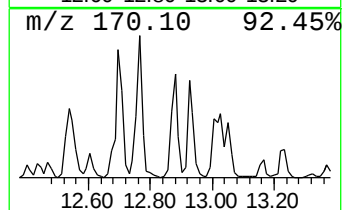
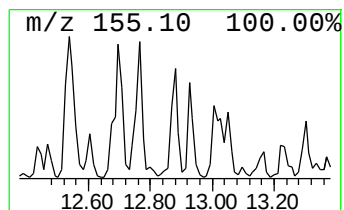
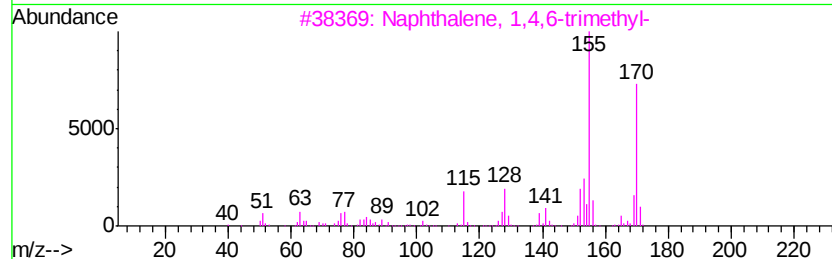
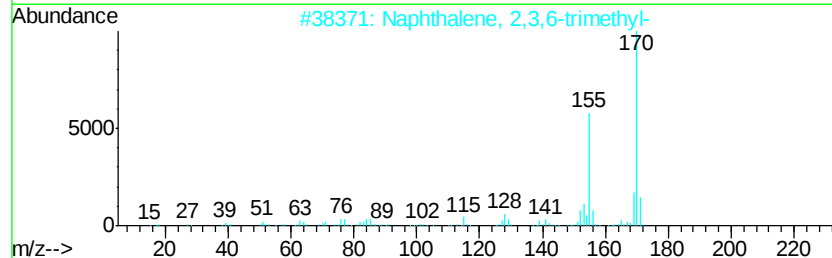
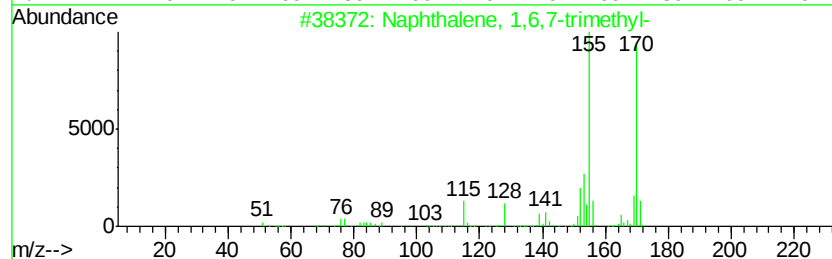
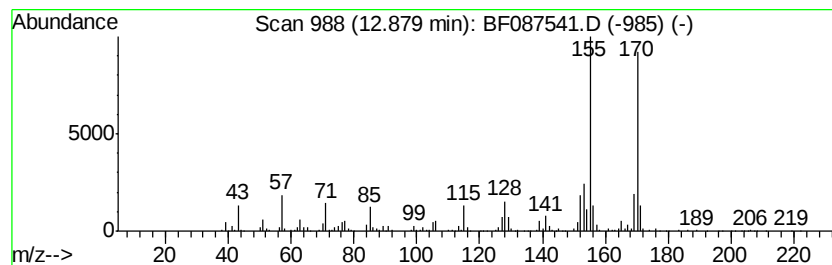
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Naphthalene, 1,6,7-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.88	16.79 ng	1467630	Acenaphthene-d10	12.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
4		4,6,8-Trimethylazulene	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\BF052916\
Data File : BF087541.D
Acq On : 30 May 2016 7:58
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Sample : H3303-05
Misc :
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ClientSampleId :
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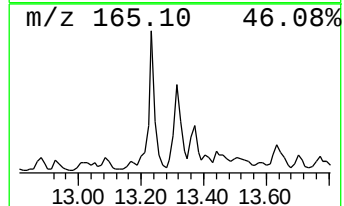
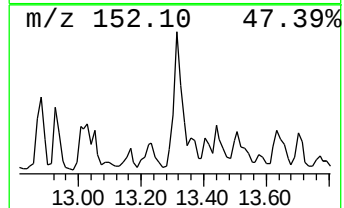
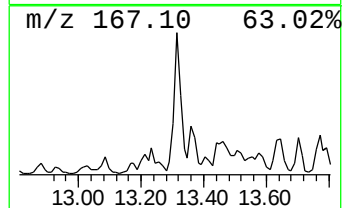
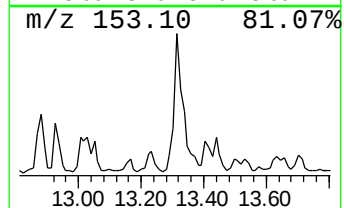
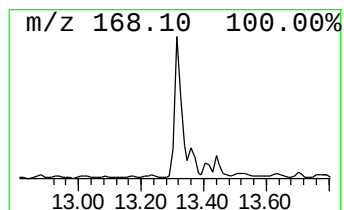
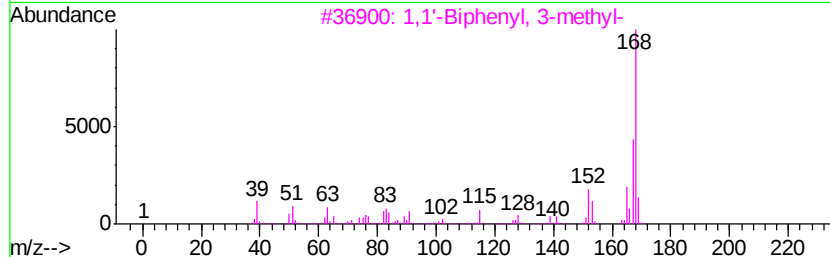
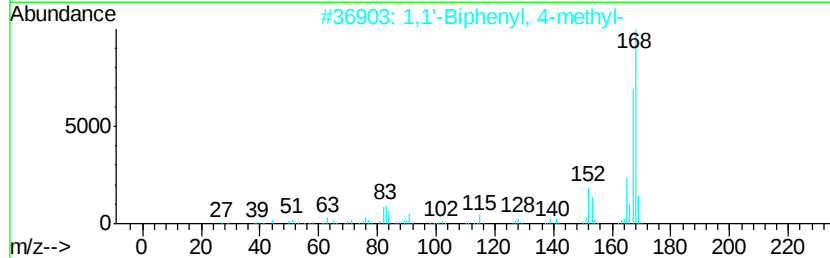
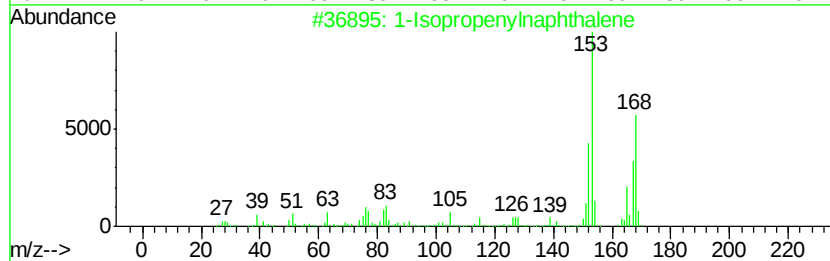
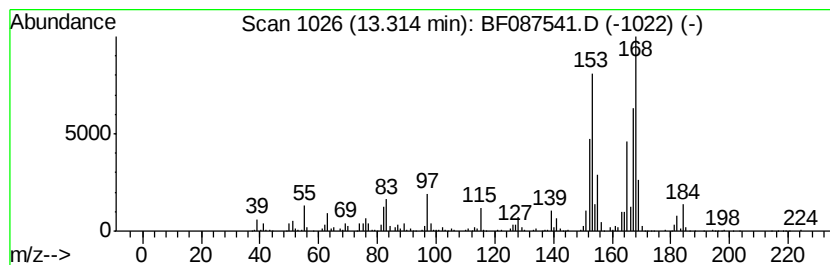
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 1-Isopropenylnaphthalene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.31	16.60 ng	1450480	Acenaphthene-d10	12.33

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Isopropenylnaphthalene	168	C13H12	001855-47-6	64
2			1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	55
3			1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	38
4			1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	38
5			1,2,4-Trimethoxybenzene	168	C9H12O3	000135-77-3	35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
Data File : BF087541.D
Acq On : 30 May 2016 7:58
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Sample : H3303-05
Misc :
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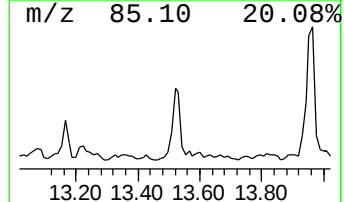
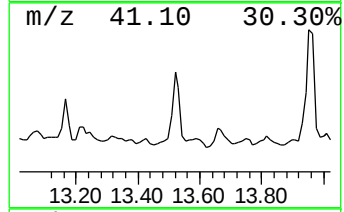
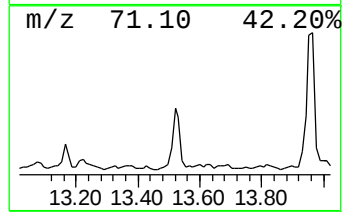
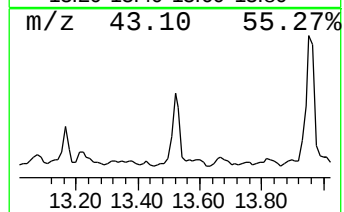
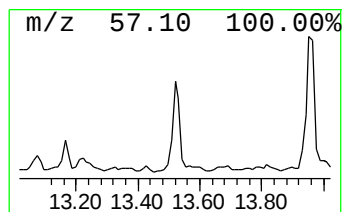
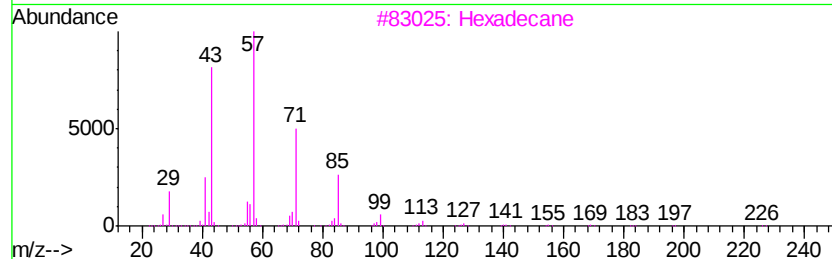
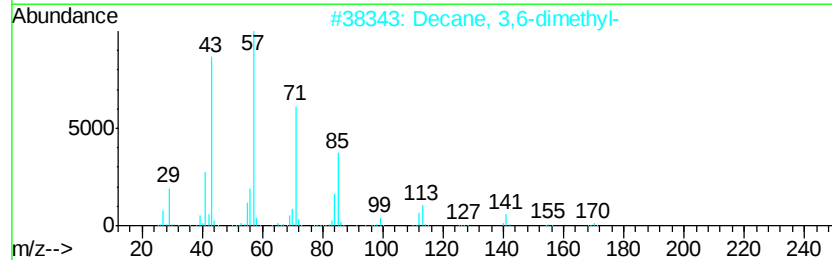
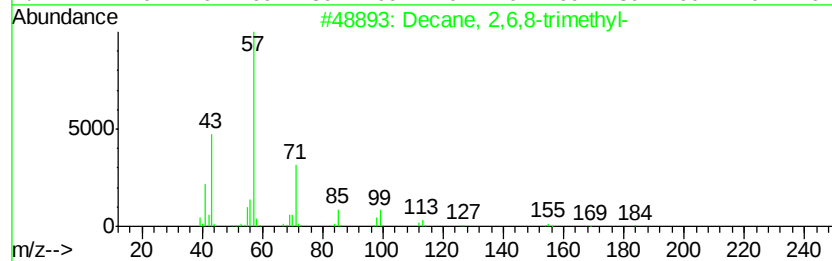
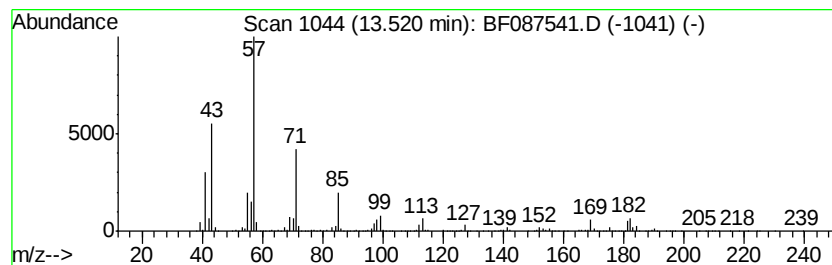
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Decane, 2,6,8-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.52	20.21 ng	1766300	Acenaphthene-d10	12.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	68
2		Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	64
3		Hexadecane	226	C16H34	000544-76-3	64
4		2,6-Dimethyldecane	170	C12H26	013150-81-7	62
5		Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	58



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
Data File : BF087541.D
Acq On : 30 May 2016 7:58
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Sample : H3303-05
Misc :
ALS Vial : 63 Sample Multiplier: 1

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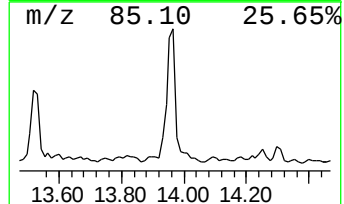
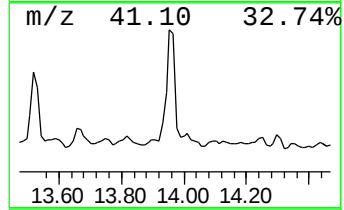
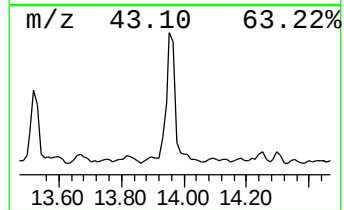
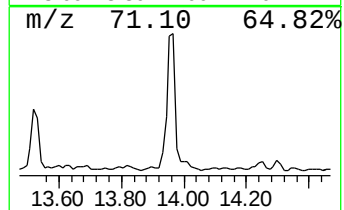
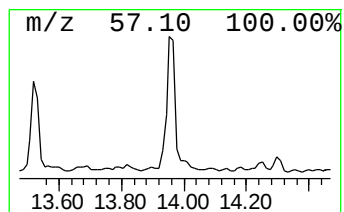
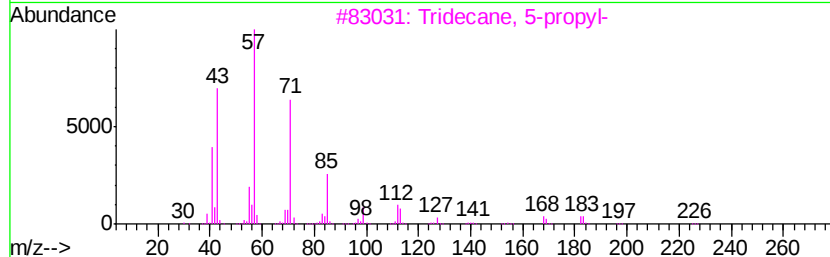
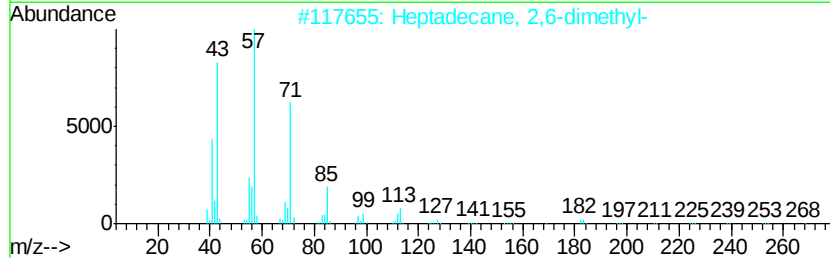
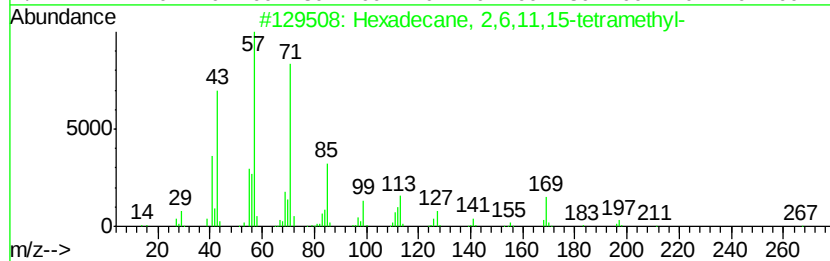
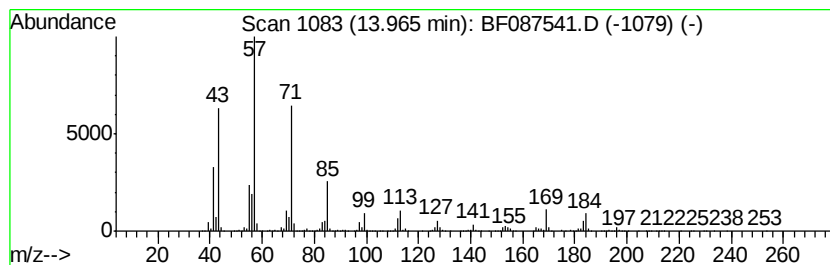
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Hexadecane, 2,6,11,15-tetra... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	97.29 ng	2927270	Phenanthrene-d10	14.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	87
2		Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	80
3		Tridecane, 5-propyl-	226	C16H34	055045-11-9	72
4		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
5		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	68



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
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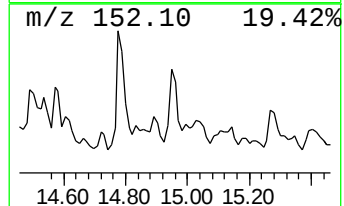
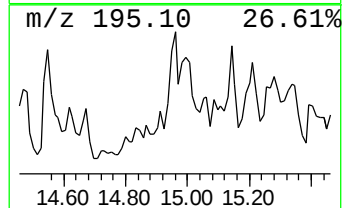
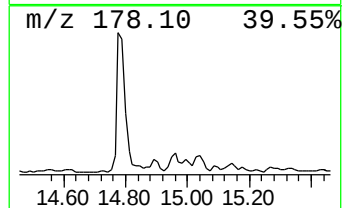
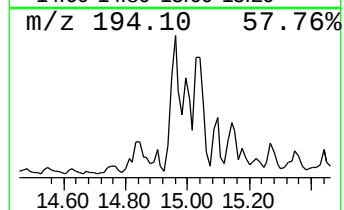
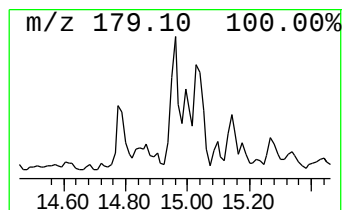
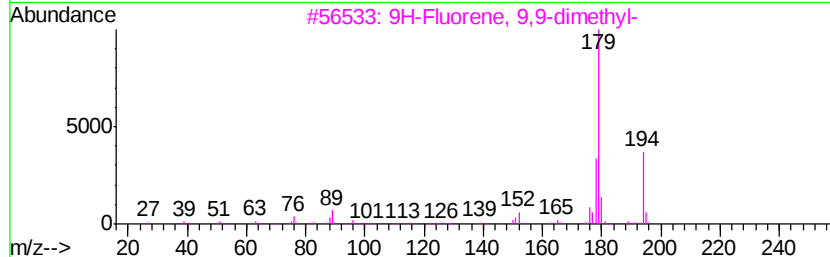
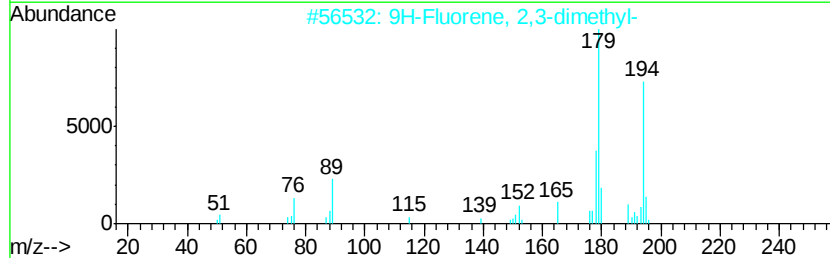
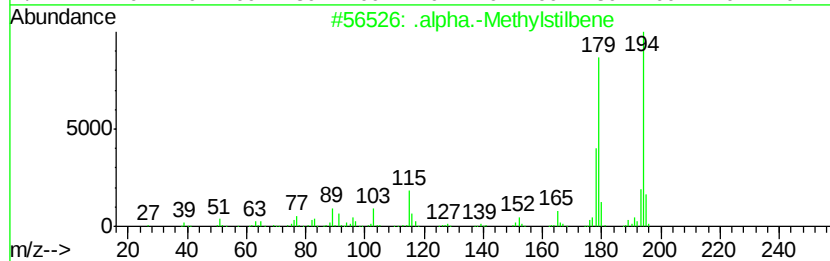
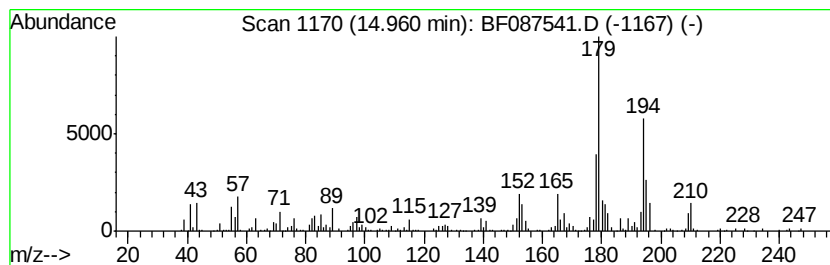
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 .alpha.-Methylstilbene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	17.32 ng	521061	Phenanthrene-d10	14.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.alpha.-Methylstilbene	194	C15H14	000779-51-1	68
2		9H-Fluorene, 2,3-dimethyl-	194	C15H14	004612-63-9	64
3		9H-Fluorene, 9,9-dimethyl-	194	C15H14	004569-45-3	52
4		Benzene, 1-methyl-3-(2-phenyleth...	194	C15H14	014064-48-3	49
5		Benzo[h]quinoline	179	C13H9N	000230-27-3	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052916\
 Data File : BF087541.D
 Acq On : 30 May 2016 7:58
 Operator : UM/SJ
 Sample : H3303-05
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B3GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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Benzene, 1-ethyl-...	8.01	16.8	ng	598805	1	7.47	713350	20.0
Benzene, 1-etheny...	9.10	23.8	ng	2220740	2	9.51	1868230	20.0
1H-Indene, 2,3-di...	10.28	21.5	ng	2008930	2	9.51	1868230	20.0
unknown10.57	10.57	16.7	ng	1557620	2	9.51	1868230	20.0
Naphthalene, 1-me...	10.83	72.2	ng	6742020	2	9.51	1868230	20.0
Naphthalene, 2-et...	11.58	25.9	ng	2260450	3	12.33	1747990	20.0
Naphthalene, 1,6-...	11.69	49.6	ng	4333230	3	12.33	1747990	20.0
Naphthalene, 2,7-...	11.82	60.0	ng	5245680	3	12.33	1747990	20.0
Naphthalene, 2,6-...	11.85	32.5	ng	2841880	3	12.33	1747990	20.0
Naphthalene, 1,3-...	12.13	18.1	ng	1578260	3	12.33	1747990	20.0
Naphthalene, 1,6,...	12.88	16.8	ng	1467630	3	12.33	1747990	20.0
1-Isopropenyl naph...	13.31	16.6	ng	1450480	3	12.33	1747990	20.0
Decane, 2,6,8-tri...	13.52	20.2	ng	1766300	3	12.33	1747990	20.0
Hexadecane, 2,6,1...	13.97	97.3	ng	2927270	4	14.74	601779	20.0
.alpha.-Methylsti...	14.96	17.3	ng	521061	4	14.74	601779	20.0