

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013016\
 Data File : BF084687.D
 Acq On : 30 Jan 2016 15:45
 Operator : SJ/IZ
 Sample : H1272-07 5X
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B013(16-18)

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-BF012916.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	4.864	241	243	246	rBV	559863	682484	8.24%	0.842%
2	5.310	281	282	285	rBV	641748	867349	10.47%	1.071%
3	6.373	372	375	377	rBV	783346	881313	10.64%	1.088%
4	6.487	383	385	388	rVB	895681	908357	10.97%	1.121%
5	6.727	404	406	408	rBV	1121926	1164746	14.06%	1.438%
6	6.876	417	419	423	rVB	814552	744723	8.99%	0.919%
7	7.287	453	455	457	rVB	738943	582228	7.03%	0.719%
8	8.007	516	518	522	rBV2	1484816	2586122	31.23%	3.192%
9	8.727	578	581	583	rBV	934430	912160	11.01%	1.126%
10	8.819	587	589	592	rVB	797864	736099	8.89%	0.909%
11	9.093	610	613	615	rVB	659833	913989	11.04%	1.128%
12	9.185	618	621	623	rBV2	251262	278119	3.36%	0.343%
13	9.276	628	629	633	rVB	206566	287356	3.47%	0.355%
14	9.345	633	635	638	rBV	347358	508554	6.14%	0.628%
15	9.425	639	642	643	rBV	726758	674995	8.15%	0.833%
16	9.447	643	644	646	rVB	425518	346068	4.18%	0.427%
17	9.539	650	652	655	rVB	393842	422249	5.10%	0.521%
18	9.619	655	659	662	rVB2	241631	251458	3.04%	0.310%
19	9.767	668	672	673	rBV2	1111133	1673623	20.21%	2.066%
20	9.790	673	674	676	rVB	1390229	1276700	15.42%	1.576%
21	9.870	679	681	683	rBV	170818	248043	3.00%	0.306%
22	9.916	683	685	687	rBV	243603	280405	3.39%	0.346%
23	9.962	687	689	691	rVB	850211	814208	9.83%	1.005%
24	10.007	691	693	694	rVB	182868	160918	1.94%	0.199%
25	10.076	697	699	701	rBV	180842	233169	2.82%	0.288%
26	10.168	704	707	708	rBV	166443	205890	2.49%	0.254%
27	10.305	717	719	722	rBV	1484002	1340290	16.18%	1.654%
28	10.373	722	725	726	rBV	328331	511468	6.18%	0.631%
29	10.419	728	729	732	rBV2	195056	331053	4.00%	0.409%
30	10.465	732	733	735	rVB	352936	309220	3.73%	0.382%
31	10.545	738	740	742	rVB	869525	857201	10.35%	1.058%
32	10.590	742	744	747	rVB2	100085	157056	1.90%	0.194%
33	10.670	750	751	755	rVB2	156128	240940	2.91%	0.297%
34	10.853	764	767	768	rBV2	351610	508853	6.14%	0.628%

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35	10.876	768	769	771	rVB2	149026	172790	2.09%	0.213%
36	10.933	773	774	776	rVB2	179413	156740	1.89%	0.193%
37	10.968	776	777	779	rBV2	101465	186250	2.25%	0.230%
38	11.048	783	784	786	rVB2	202817	177915	2.15%	0.220%
39	11.105	786	789	790	rBV	231962	346951	4.19%	0.428%
40	11.139	790	792	795	rVB	601405	661152	7.98%	0.816%
41	11.276	799	804	805	rBV2	6272796	8281776	100.00%	10.222%
42	11.322	805	808	809	rVB	2030821	1927670	23.28%	2.379%
43	11.356	809	811	812	rVB	156311	163827	1.98%	0.202%
44	11.470	818	821	824	rBV2	513152	864479	10.44%	1.067%
45	11.539	825	827	829	rBV2	147422	189737	2.29%	0.234%
46	11.573	829	830	833	rVB2	242635	200904	2.43%	0.248%
47	11.745	842	845	846	rBV	1113737	1011160	12.21%	1.248%
48	11.768	846	847	850	rVB	1012764	1070177	12.92%	1.321%
49	11.813	850	851	853	rBV	398547	489956	5.92%	0.605%
50	11.859	853	855	859	rVB	1130507	2142038	25.86%	2.644%
51	11.951	862	863	867	rVB2	119511	158138	1.91%	0.195%
52	12.042	867	871	876	rVB2	529166	855822	10.33%	1.056%
53	12.191	881	884	885	rBV2	195429	284641	3.44%	0.351%
54	12.293	890	893	894	rBV	555138	627742	7.58%	0.775%
55	12.328	894	896	899	rVB3	382657	648134	7.83%	0.800%
56	12.373	899	900	905	rBV3	228986	414039	5.00%	0.511%
57	12.453	905	907	910	rBV	4020709	4414152	53.30%	5.448%
58	12.511	910	912	916	rVB3	134547	289778	3.50%	0.358%
59	12.602	916	920	922	rBV2	189601	372564	4.50%	0.460%
60	12.682	924	927	930	rBV	3755710	4746624	57.31%	5.858%
61	12.728	930	931	934	rVB2	220293	270041	3.26%	0.333%
62	12.796	935	937	938	rBV	261989	234139	2.83%	0.289%
63	12.831	938	940	943	rVB	742803	984908	11.89%	1.216%
64	12.899	943	946	948	rBV2	337687	591475	7.14%	0.730%
65	13.002	952	955	957	rVB	629263	1144081	13.81%	1.412%
66	13.071	959	961	963	rBV	735896	706557	8.53%	0.872%
67	13.105	963	964	968	rVB2	406747	592472	7.15%	0.731%
68	13.196	971	972	974	rVB2	237275	279304	3.37%	0.345%
69	13.231	974	975	977	rBV	315905	268993	3.25%	0.332%
70	13.414	989	991	996	rVB2	160236	405799	4.90%	0.501%
71	13.516	996	1000	1002	rBV2	204185	470520	5.68%	0.581%

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72	13.619	1007	1009	1011	rBV	374003	544145	6.57%	0.672%
73	13.654	1011	1012	1013	rVV	345315	296468	3.58%	0.366%
74	13.676	1013	1014	1017	rVV3	208159	362997	4.38%	0.448%
75	13.722	1017	1018	1022	rVB2	206613	337711	4.08%	0.417%
76	13.871	1027	1031	1033	rBV2	2494817	4195374	50.66%	5.178%
77	13.905	1033	1034	1036	rVV	2122221	1655240	19.99%	2.043%
78	13.974	1038	1040	1042	rVV2	261333	412165	4.98%	0.509%
79	14.065	1046	1048	1049	rVV2	217340	281400	3.40%	0.347%
80	14.099	1049	1051	1055	rVB3	170741	360757	4.36%	0.445%
81	14.259	1063	1065	1067	rBV	394230	436728	5.27%	0.539%
82	14.294	1067	1068	1070	rVB	236168	189254	2.29%	0.234%
83	14.351	1071	1073	1075	rVV2	181121	214223	2.59%	0.264%
84	14.385	1075	1076	1079	rVB3	204182	368308	4.45%	0.455%
85	14.454	1080	1082	1085	rVB2	128131	204582	2.47%	0.253%
86	14.568	1089	1092	1093	rBV	130910	189047	2.28%	0.233%
87	14.728	1104	1106	1110	rVB3	104161	231323	2.79%	0.286%
88	14.888	1117	1120	1124	rBV	1356832	2935179	35.44%	3.623%
89	14.979	1126	1128	1129	rVB	250736	319662	3.86%	0.395%
90	15.151	1141	1143	1146	rVB	957308	1169609	14.12%	1.444%
91	15.208	1146	1148	1151	rVB	1399058	1613349	19.48%	1.991%
92	15.265	1151	1153	1154	rBV	952491	1102430	13.31%	1.361%
93	16.271	1239	1241	1249	rVB5	108136	300498	3.63%	0.371%
94	16.408	1250	1253	1258	rBV3	103777	323660	3.91%	0.399%
95	16.580	1265	1268	1272	rVB	677125	1177716	14.22%	1.454%
96	16.728	1278	1281	1284	rBV2	158204	347128	4.19%	0.428%
97	16.785	1284	1286	1288	rVB2	116502	179574	2.17%	0.222%
98	16.968	1299	1302	1310	rBV	438701	973436	11.75%	1.201%
99	17.174	1318	1320	1327	rVB2	145961	375237	4.53%	0.463%
100	19.140	1488	1492	1495	rBV	68811	223970	2.70%	0.276%

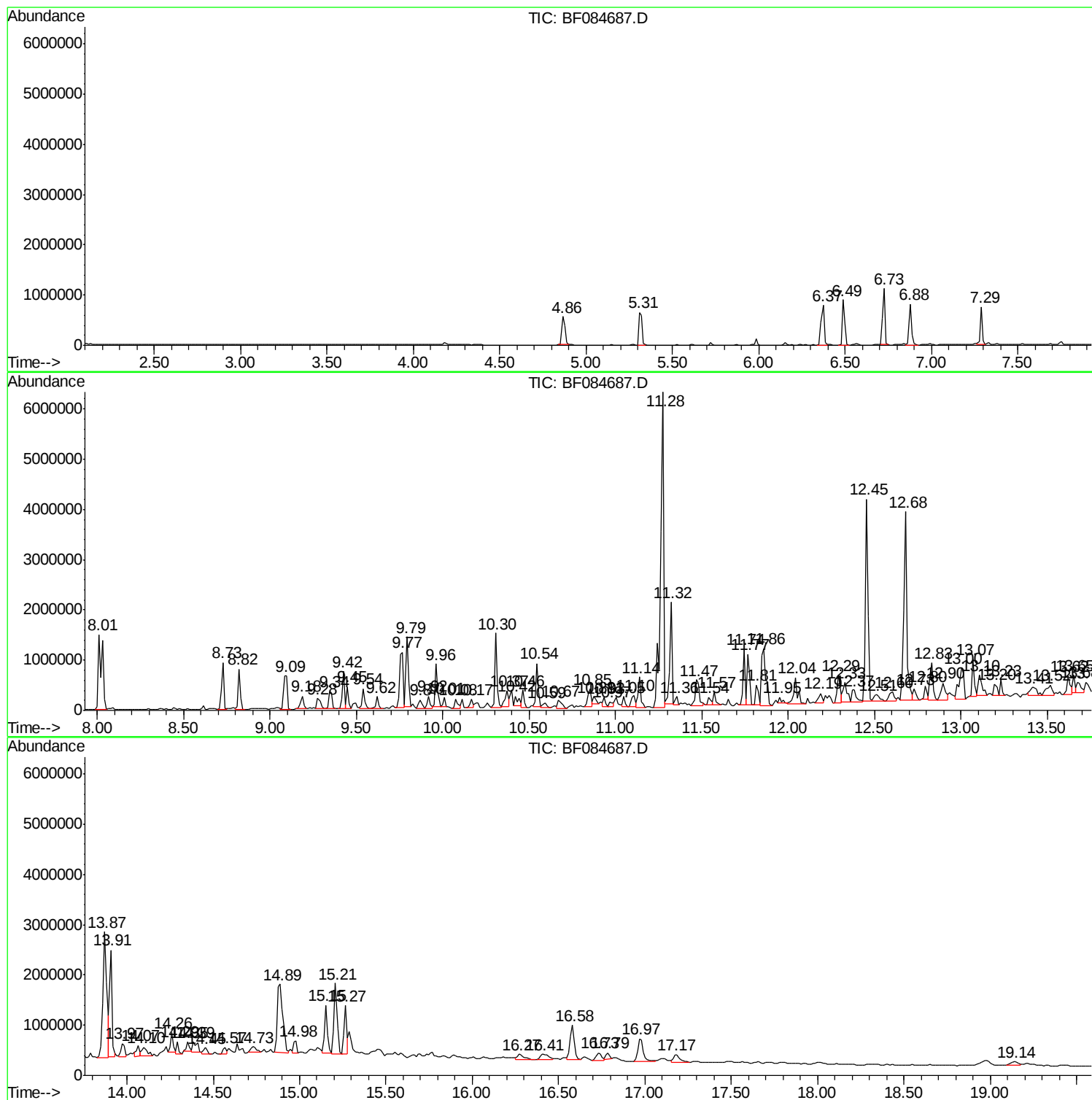
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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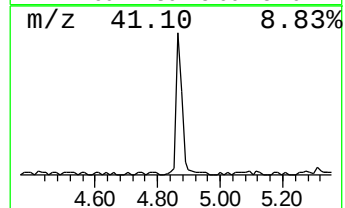
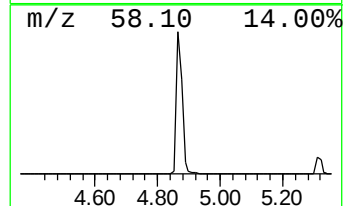
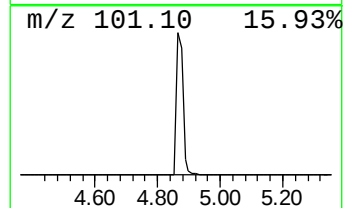
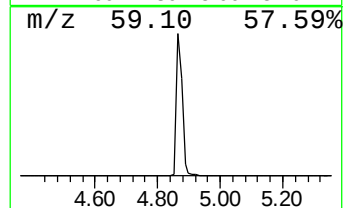
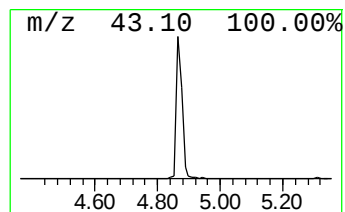
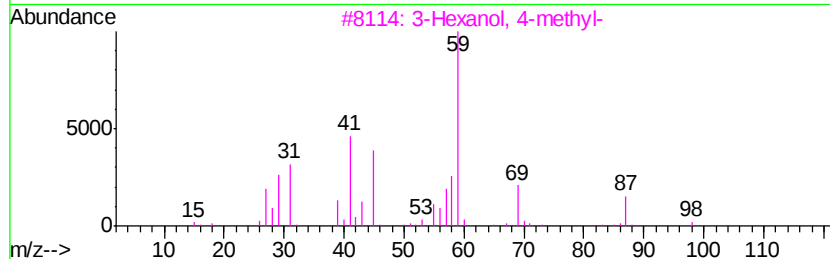
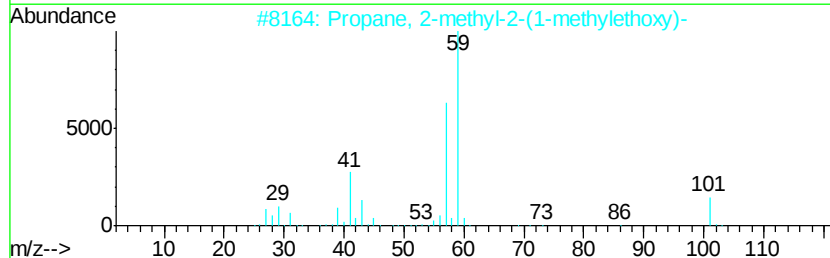
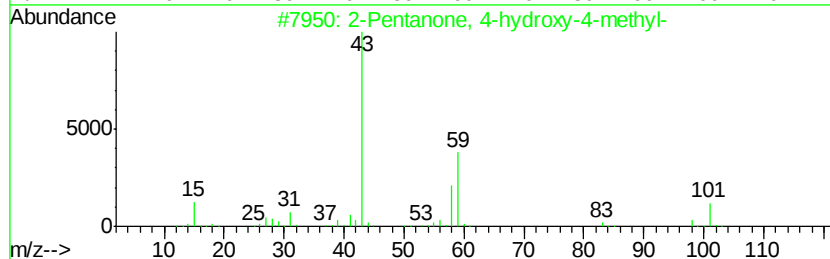
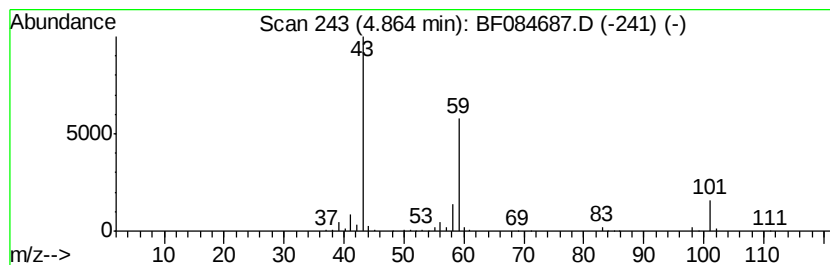
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.86	11.72 ng	682484	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2		Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
3		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
5		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23



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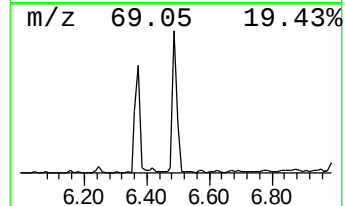
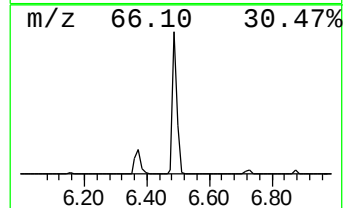
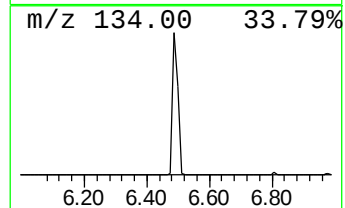
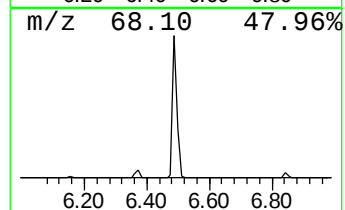
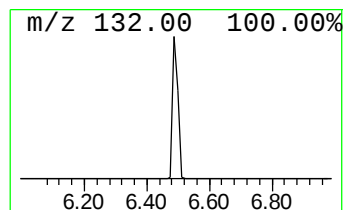
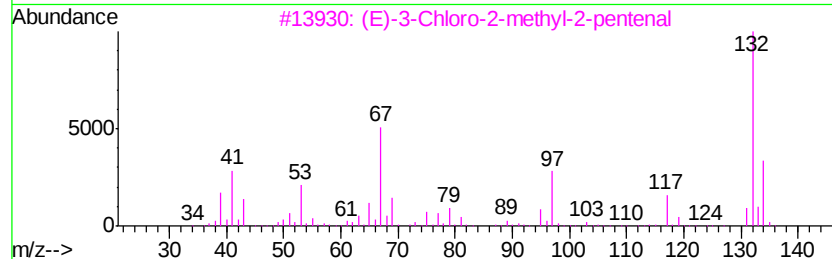
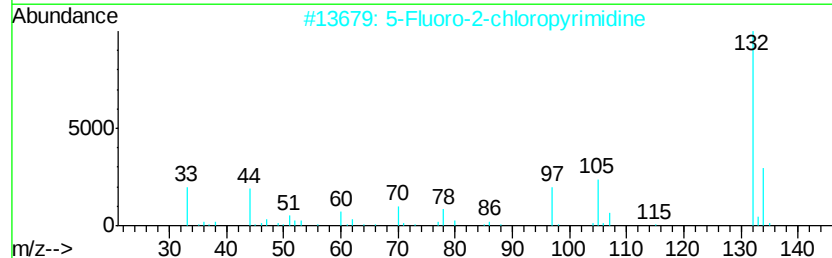
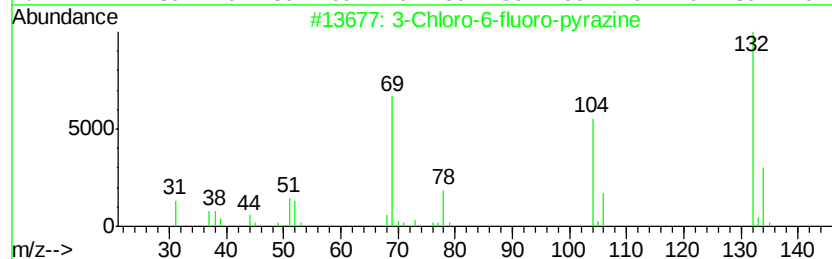
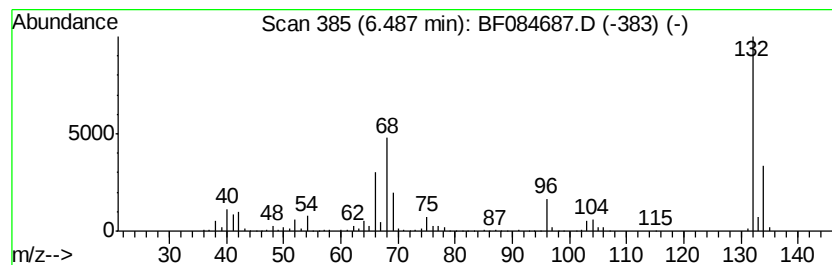
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.49 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	15.60 ng	908357	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9



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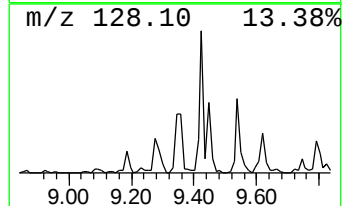
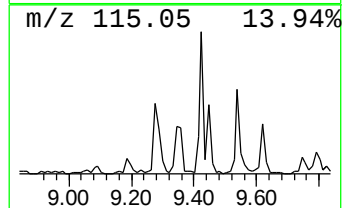
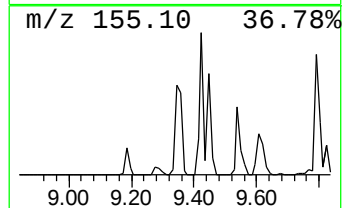
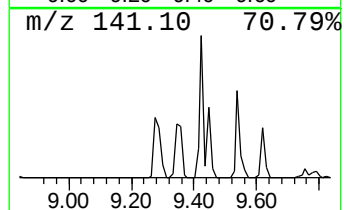
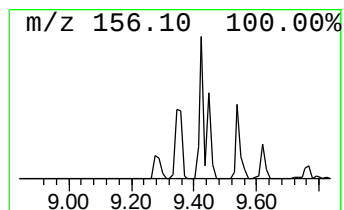
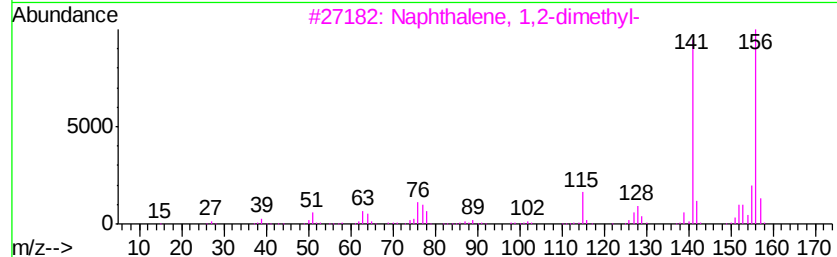
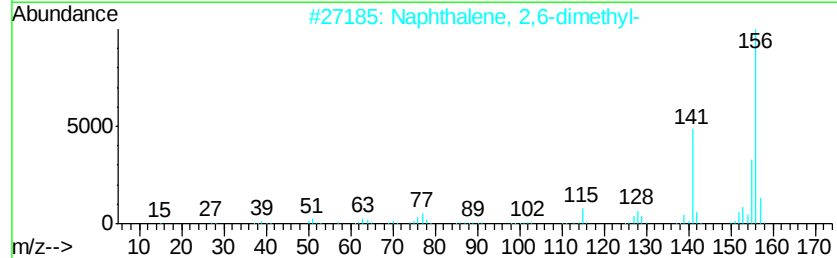
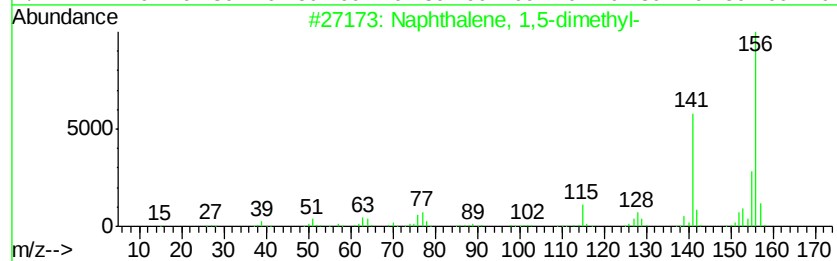
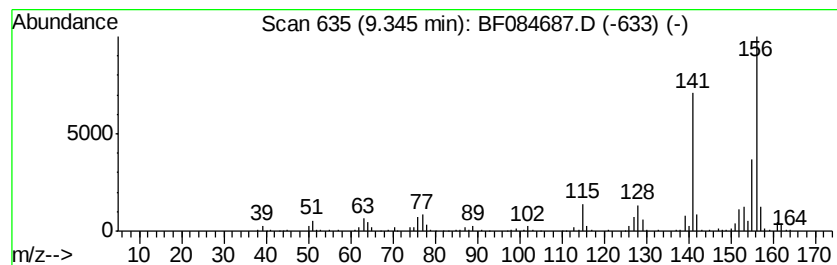
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Naphthalene, 1,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.		
9.34	6.08 ng	508554	Acenaphthene-d10	9.77		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
4		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013016\
Data File : BF084687.D
Acq On : 30 Jan 2016 15:45
Operator : SJ/IZ
Sample : H1272-07 5X
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-B013(16-18)

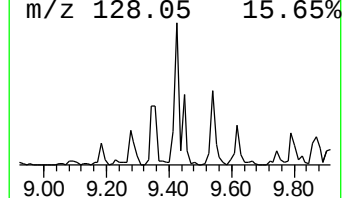
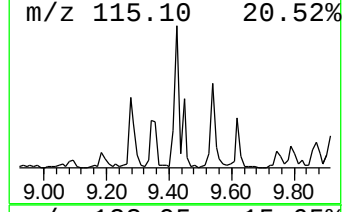
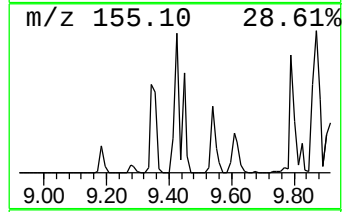
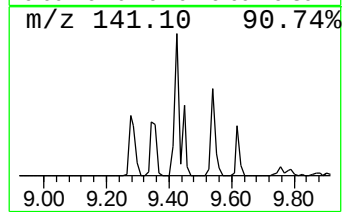
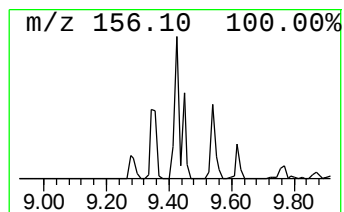
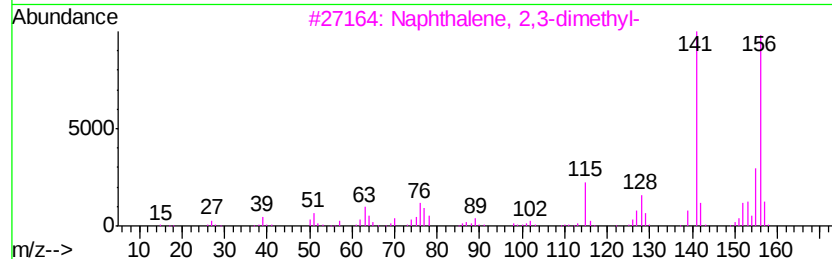
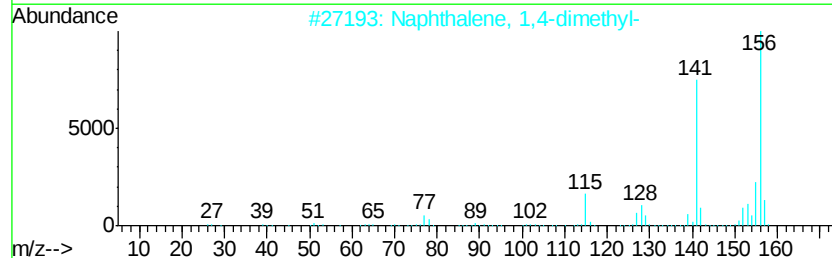
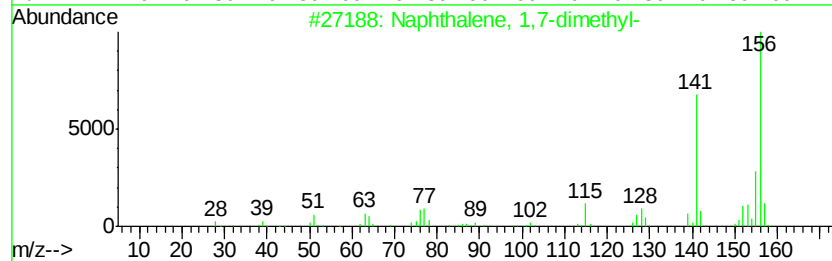
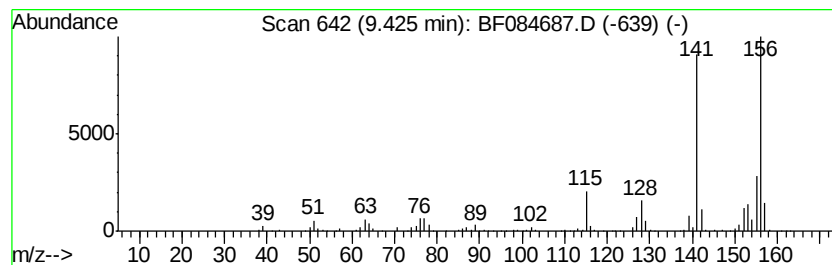
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 1,7-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.42	8.07 ng	674995	Acenaphthene-d10	9.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96



Data Path : Z:\HPCHEM1\BNA F\DATA\BF013016\
Data File : BF084687.D
Acq On : 30 Jan 2016 15:45
Operator : SJ/IZ
Sample : H1272-07 5X
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-B013(16-18)

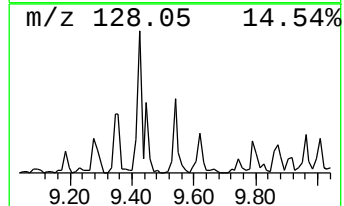
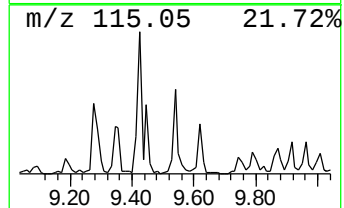
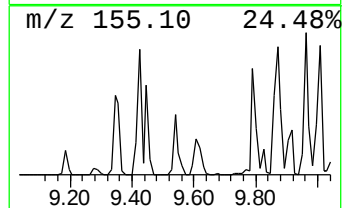
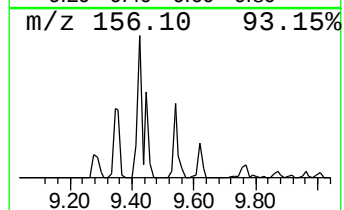
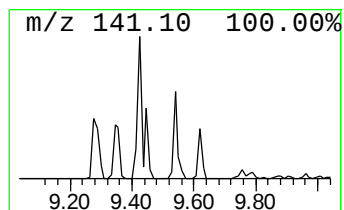
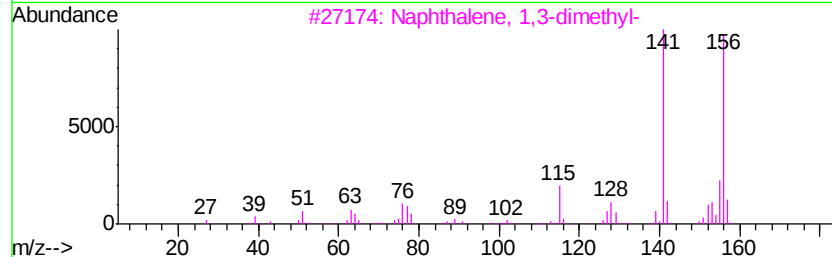
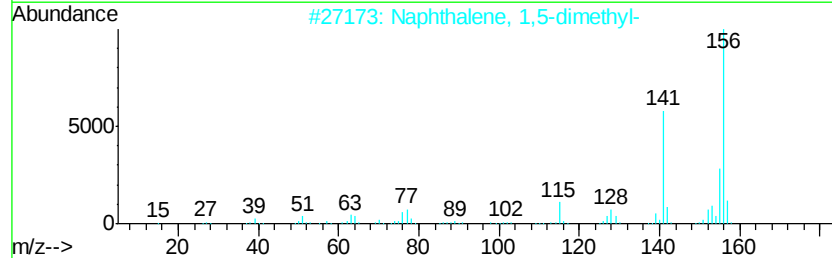
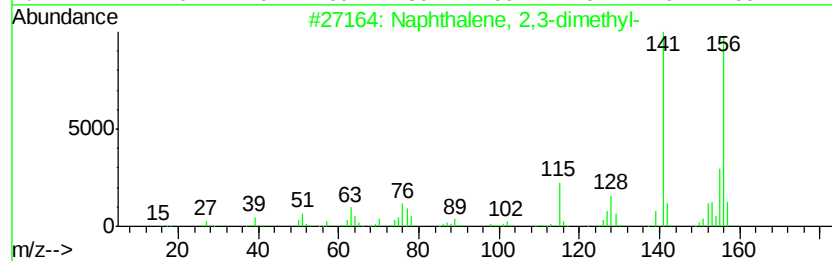
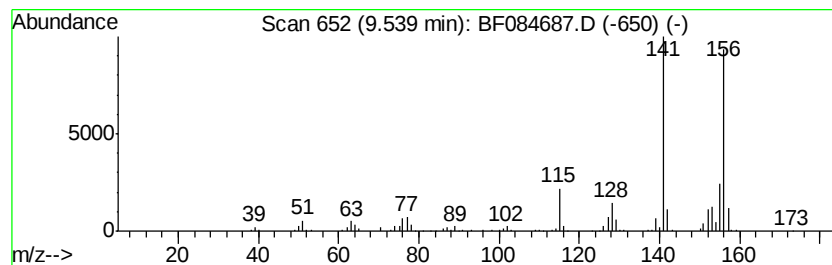
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 2,3-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.54	5.05 ng	422249	Acenaphthene-d10	9.77

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96



Data Path : Z:\HPCHEM1\BNA F\DATA\BF013016\
Data File : BF084687.D
Acq On : 30 Jan 2016 15:45
Operator : SJ/IZ
Sample : H1272-07 5X
Misc :
ALS Vial : 48 Sample Multiplier: 1

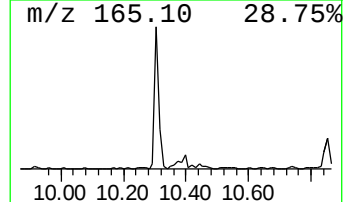
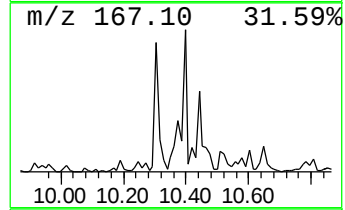
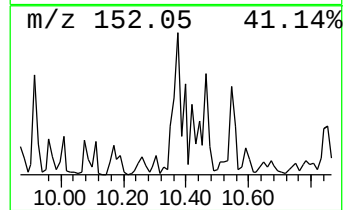
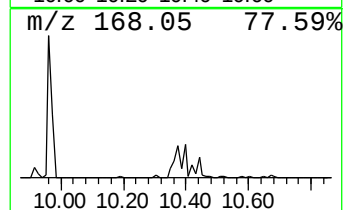
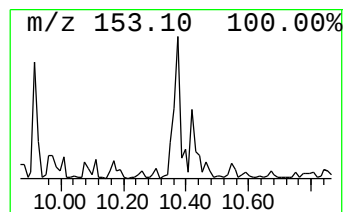
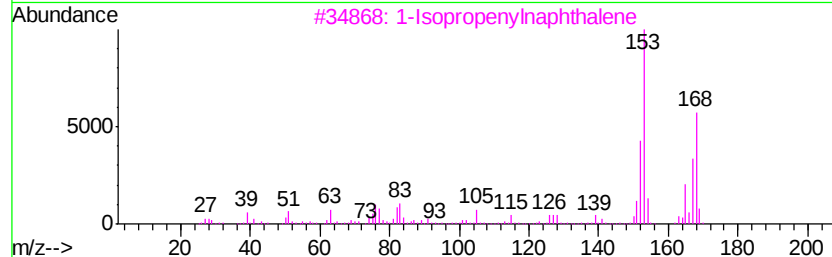
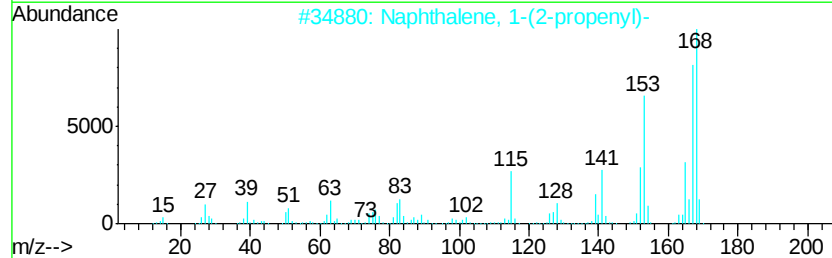
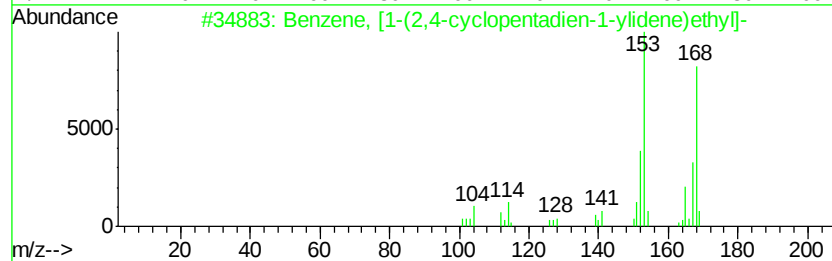
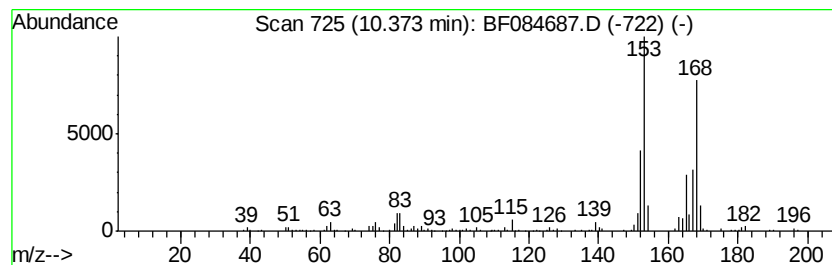
Instrument :
BNA_F
ClientSampleId :
SUP-B013(16-18)

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzene, [1-(2,4-cyclopenta... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.37	6.11 ng	511468	Acenaphthene-d10	9.77	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	90
2	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	74
3	1-Isopropenvlnaphthalene	168	C13H12	001855-47-6	72
4	Naphthalene, 2-(1-methvlethenyl)-	168	C13H12	003710-23-4	59
5	1,2,4-Trimethoxybenzene	168	C9H12O3	000135-77-3	40



Data Path : Z:\HPCHEM1\BNA F\DATA\BF013016\
Data File : BF084687.D
Acq On : 30 Jan 2016 15:45
Operator : SJ/IZ
Sample : H1272-07 5X
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SUP-B013(16-18)

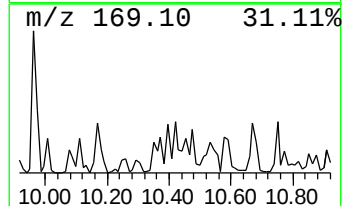
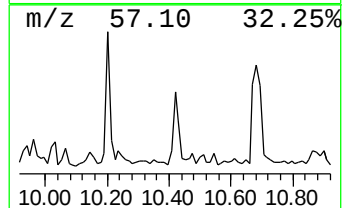
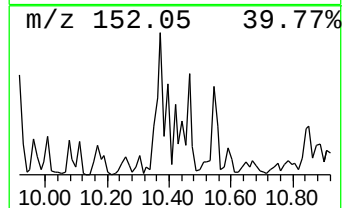
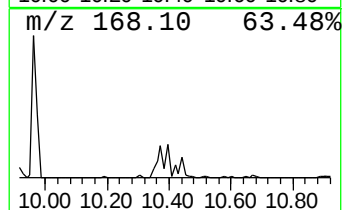
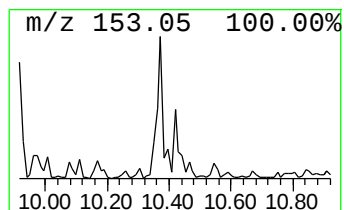
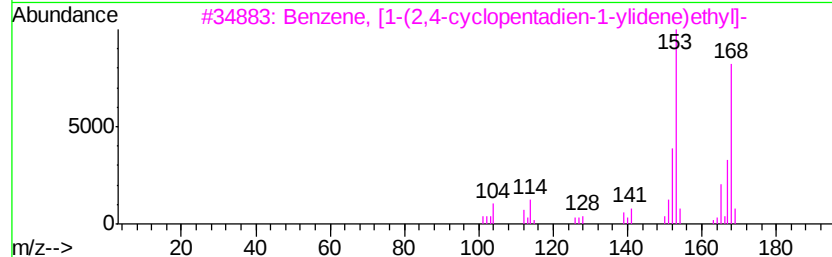
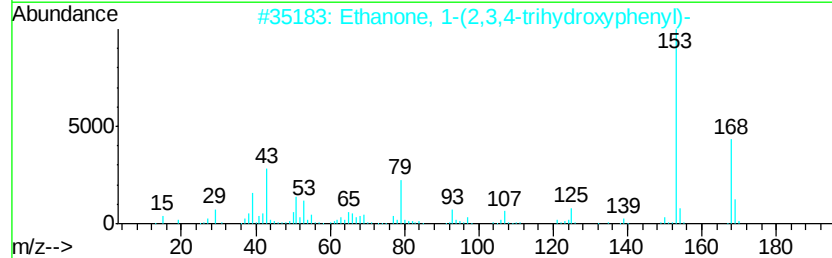
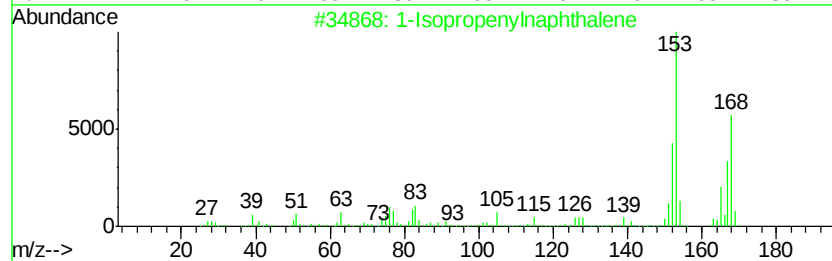
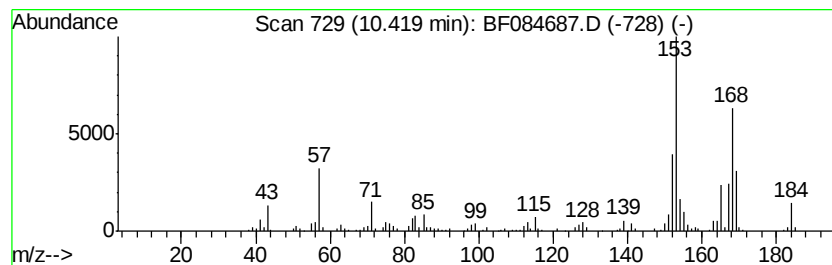
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1-Isopropenylnaphthalene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.42	3.96 ng	331053	Acenaphthene-d10	9.77

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Isopropenylnaphthalene	168	C13H12	001855-47-6	53
2			Ethanone, 1-(2,3,4-trihydroxyphe...	168	C8H8O4	000528-21-2	46
3			Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	43
4			Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	43
5			Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	36



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013016\
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Operator : SJ/IZ
Sample : H1272-07 5X
Misc :
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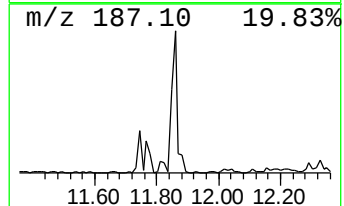
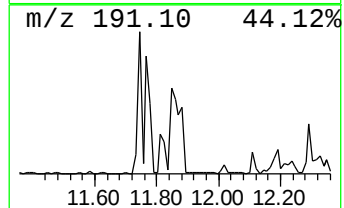
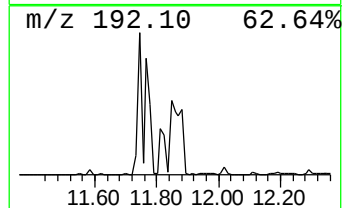
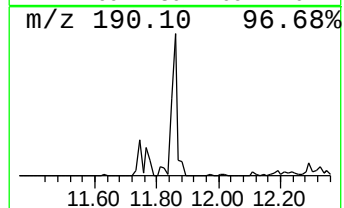
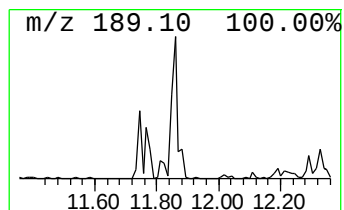
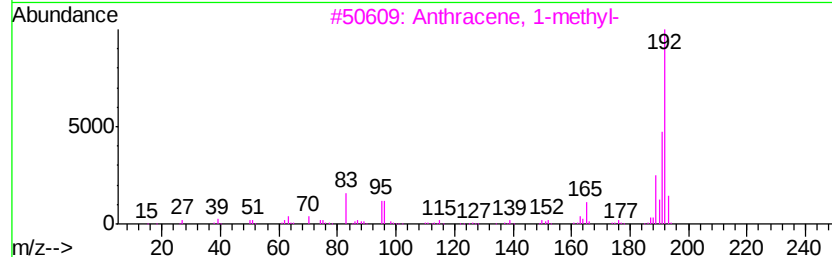
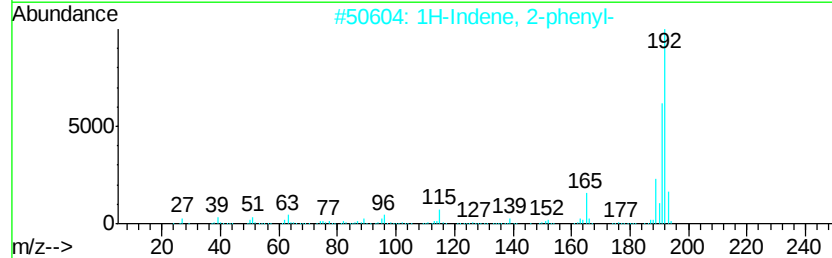
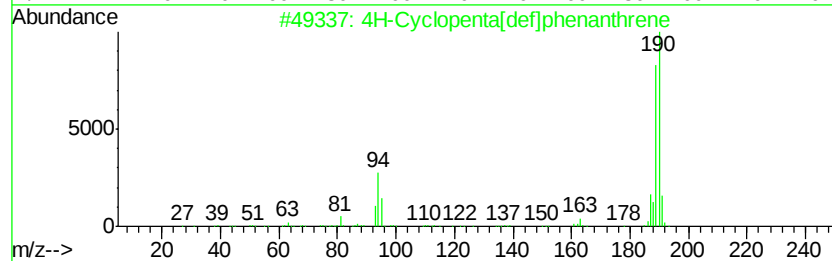
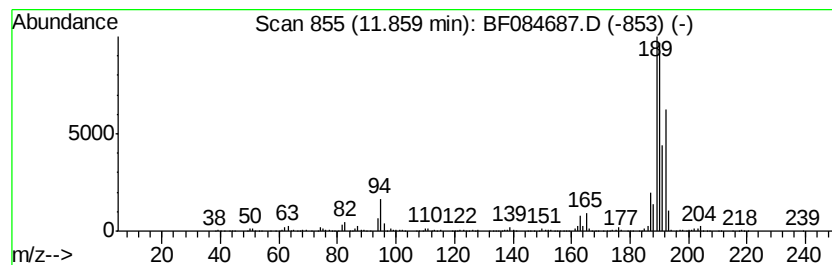
Instrument :
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ClientSampleId :
SUP-B013(16-18)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.86	5.17 ng	2142040	Phenanthrene-d10	11.24	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	30
4	3-Bromo-2-furoic acid	190	C5H3BrO3	014903-90-3	27
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	25



Data Path : Z:\HPCHEM1\BNA F\DATA\BF013016\
Data File : BF084687.D
Acq On : 30 Jan 2016 15:45
Operator : SJ/IZ
Sample : H1272-07 5X
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SUP-B013(16-18)

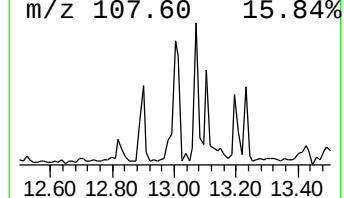
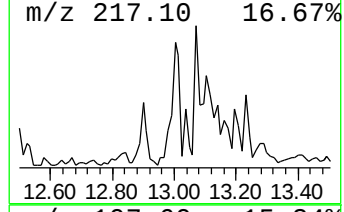
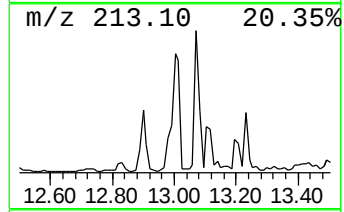
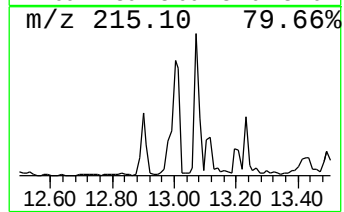
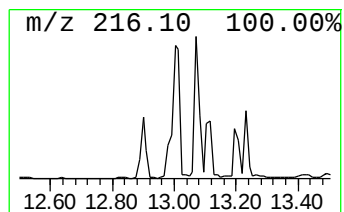
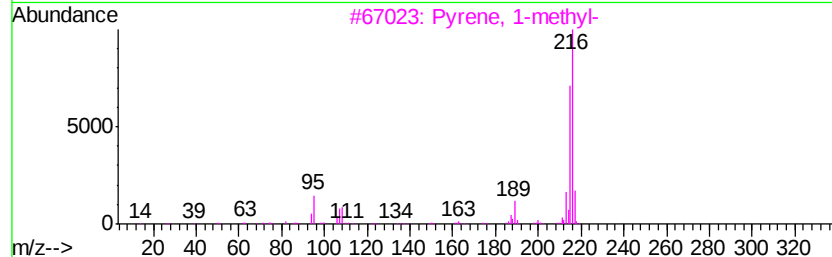
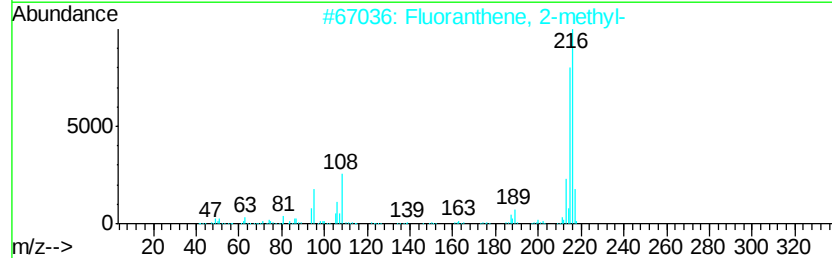
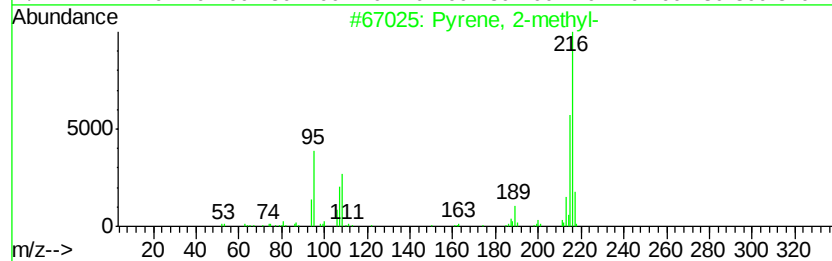
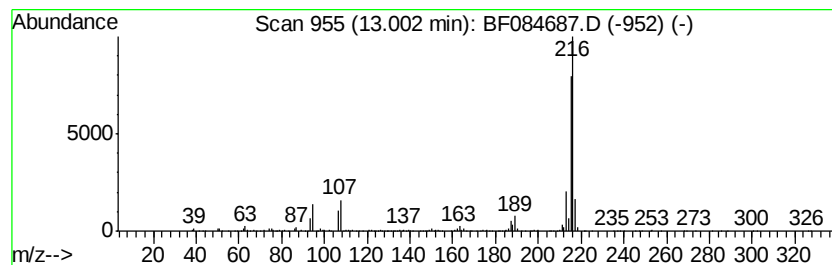
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Pyrene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	5.45 ng	1144080	Chrysene-d12	13.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 2-methyl-	216	C17H12	003442-78-2	95
2			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
3			Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
4			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
5			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013016\
Data File : BF084687.D
Acq On : 30 Jan 2016 15:45
Operator : SJ/IZ
Sample : H1272-07 5X
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SUP-B013(16-18)

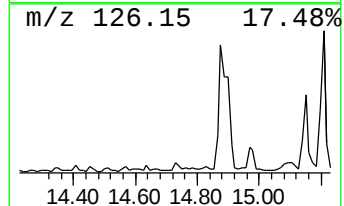
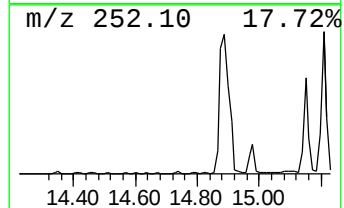
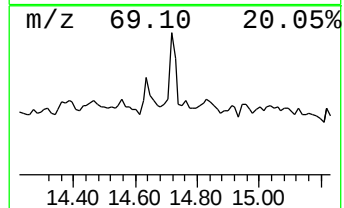
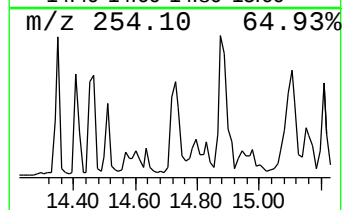
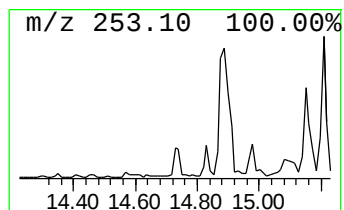
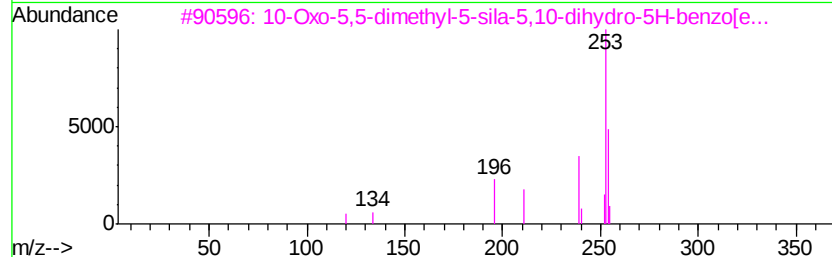
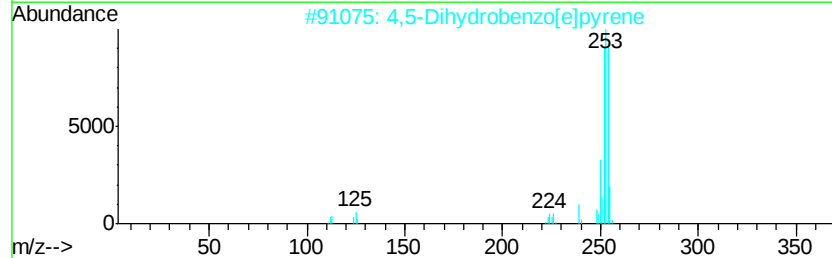
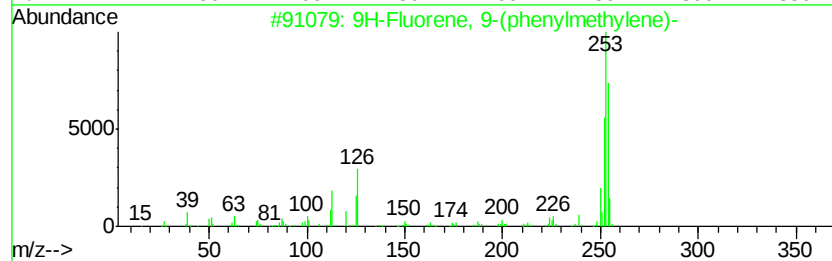
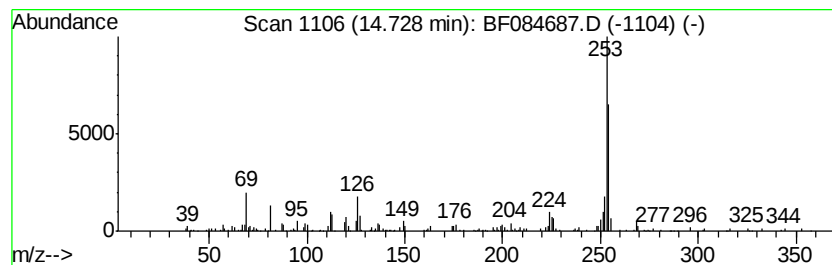
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 9H-Fluorene, 9-(phenylmethy... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	4.20 ng	231323	Perylene-d12	15.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 9-(phenylmethylen)-	254	C20H14	001836-87-9	74
2		4,5-Dihydrobenzo[el]pyrene	254	C20H14	095676-42-9	64
3		10-Oxo-5,5-dimethyl-5-sila-5,10-...	254	C14H14N2OSi	089052-45-9	59
4		1,2'-Binaphthalene	254	C20H14	004325-74-0	53
5		1,1'-Binaphthalene	254	C20H14	000604-53-5	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013016\
Data File : BF084687.D
Acq On : 30 Jan 2016 15:45
Operator : SJ/IZ
Sample : H1272-07 5X
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-B013(16-18)

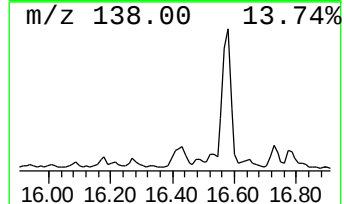
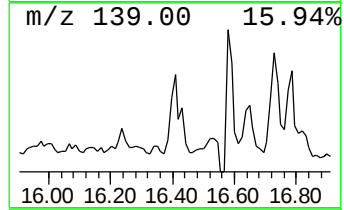
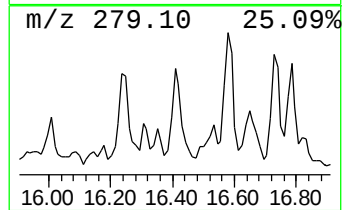
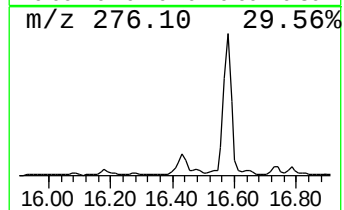
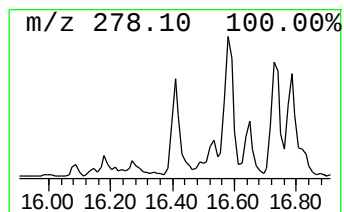
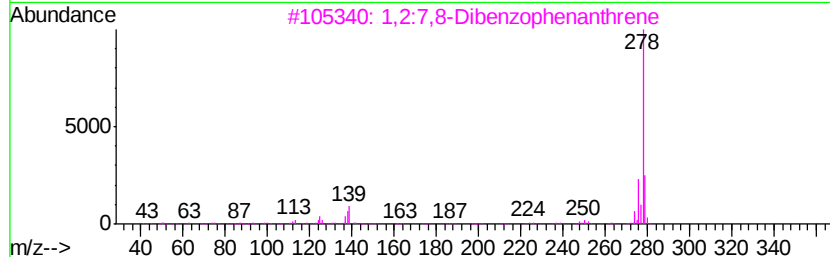
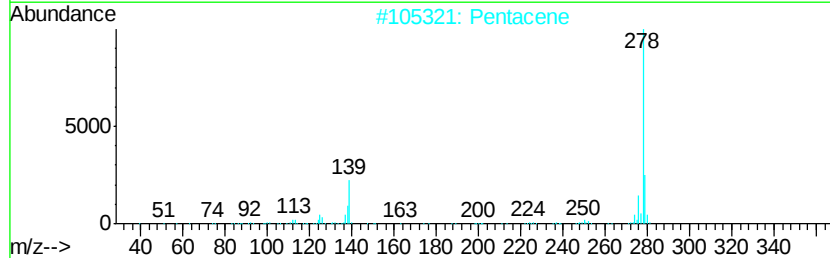
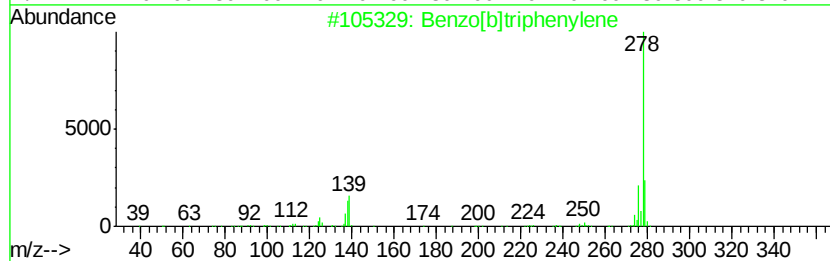
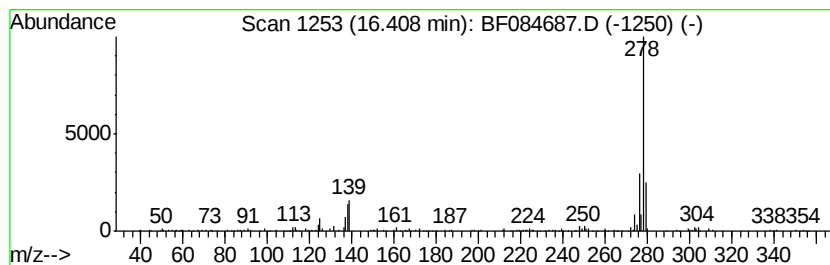
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzo[b]triphenylene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.41	5.87 ng	323660	Perylene-d12	15.27

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]triphenylene	278	C22H14	000215-58-7	93
2			Pentacene	278	C22H14	000135-48-8	93
3			1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	93
4			Benzo[a]naphthacene	278	C22H14	000226-88-0	91
5			Dibenz[a,h]anthracene	278	C22H14	000053-70-3	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013016\
Data File : BF084687.D
Acq On : 30 Jan 2016 15:45
Operator : SJ/IZ
Sample : H1272-07 5X
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-B013(16-18)

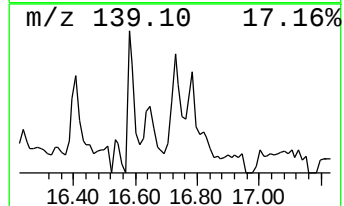
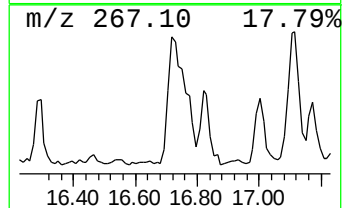
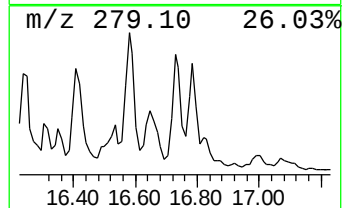
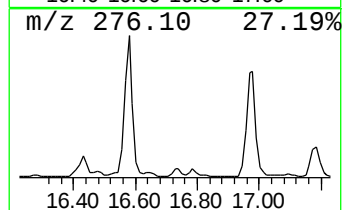
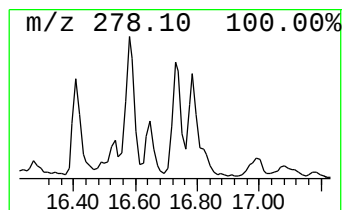
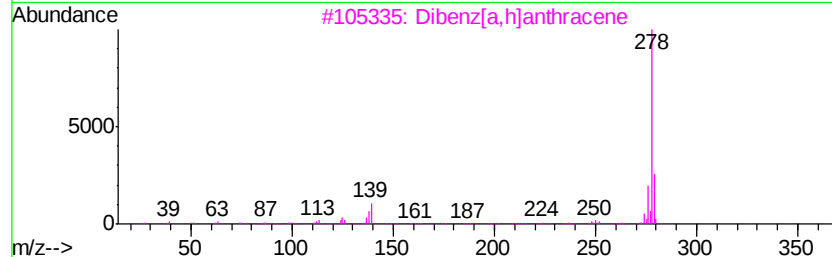
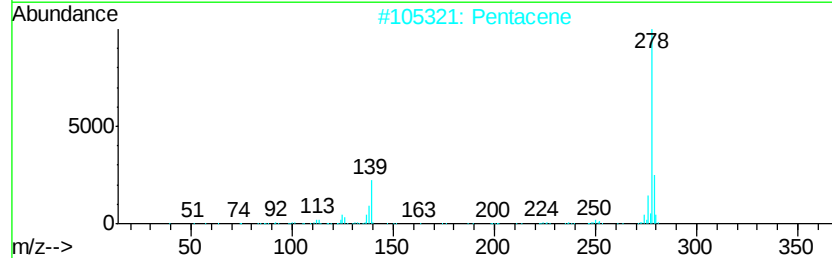
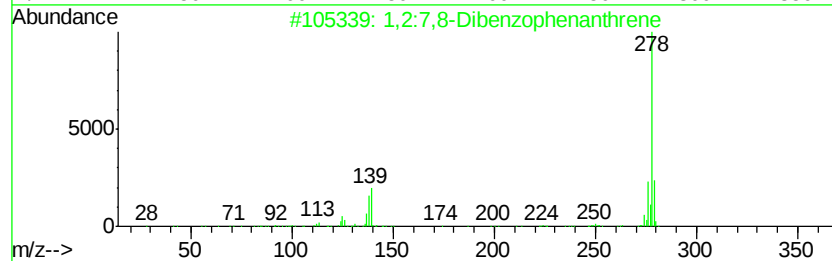
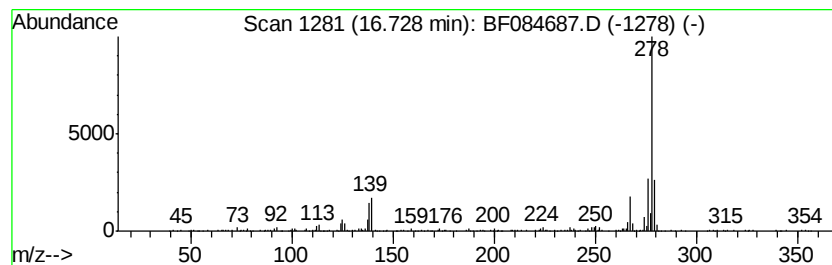
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 1,2:7,8-Dibenzophenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.73	6.30 ng	347128	Perylene-d12	15.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	98
2		Pentacene	278	C22H14	000135-48-8	97
3		Dibenz[<i>a,h</i>]anthracene	278	C22H14	000053-70-3	97
4		Benzo[<i>b</i>]triphenylene	278	C22H14	000215-58-7	96
5		Benzo[<i>a</i>]naphthacene	278	C22H14	000226-88-0	93



Data Path : Z:\HPCHEM1\BNA F\DATA\BF013016\
Data File : BF084687.D
Acq On : 30 Jan 2016 15:45
Operator : SJ/IZ
Sample : H1272-07 5X
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SUP-B013(16-18)

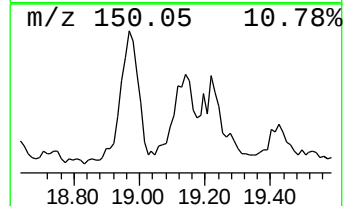
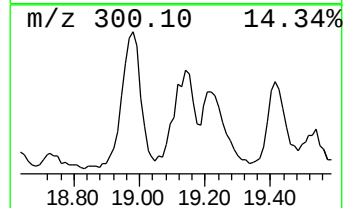
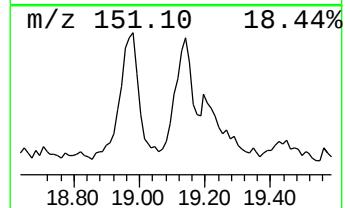
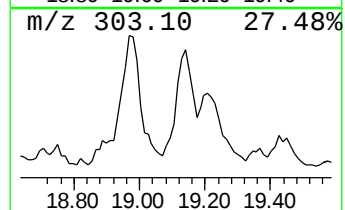
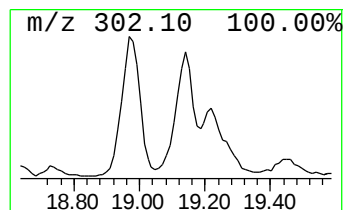
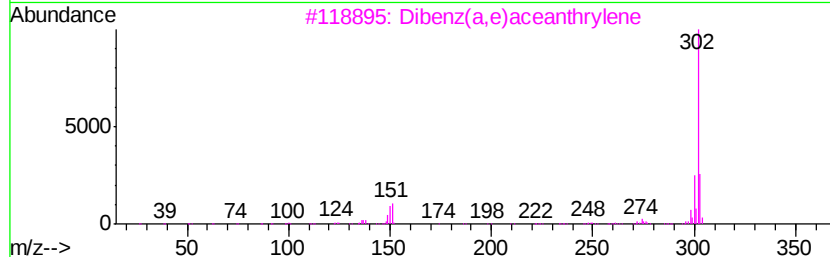
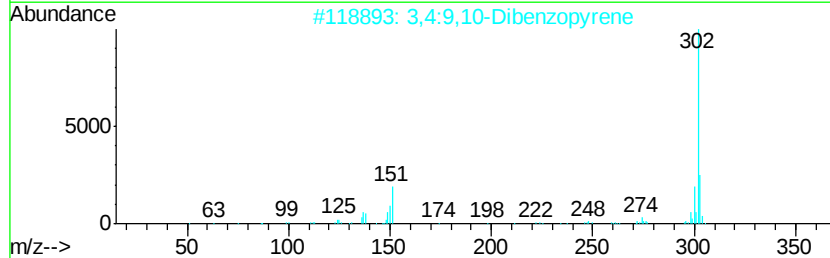
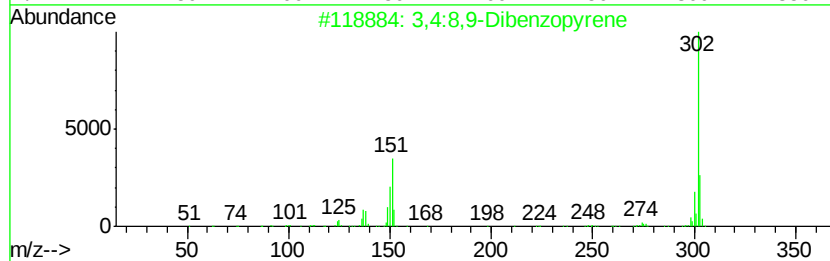
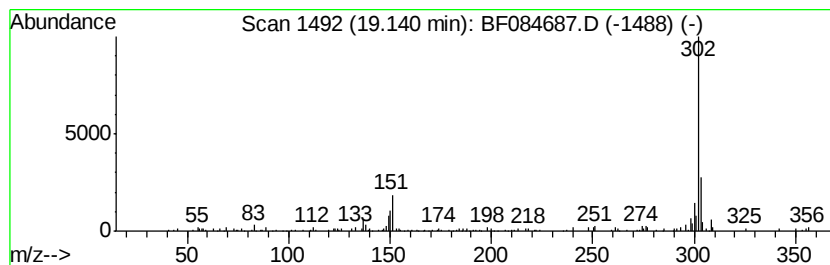
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 3,4:8,9-Dibenzopyrene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.14	4.06 ng	223970	Perylene-d12	15.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	95
2		3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	93
3		Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	91
4		1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	91
5		Dibenzo[fg,op]naphthacene	302	C24H14	000192-51-8	74



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013016\
 Data File : BF084687.D
 Acq On : 30 Jan 2016 15:45
 Operator : SJ/IZ
 Sample : H1272-07 5X
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B013(16-18)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.86	11.7	ng	682484	1	6.73	1164750	20.0
unknown6.49	6.49	15.6	ng	908357	1	6.73	1164750	20.0
Naphthalene, 1,5-...	9.34	6.1	ng	508554	3	9.77	1673620	20.0
Naphthalene, 1,7-...	9.42	8.1	ng	674995	3	9.77	1673620	20.0
Naphthalene, 2,3-...	9.54	5.0	ng	422249	3	9.77	1673620	20.0
Benzene, [1-(2,4-...	10.37	6.1	ng	511468	3	9.77	1673620	20.0
1-Isopropenyl naph...	10.42	4.0	ng	331053	3	9.77	1673620	20.0
4H-Cyclopenta[def...	11.86	5.2	ng	2142040	4	11.24	8281780	20.0
Pyrene, 2-methyl-	13.00	5.5	ng	1144080	5	13.88	4195370	20.0
9H-Fluorene, 9-(p...	14.73	4.2	ng	231323	6	15.27	1102430	20.0
Benzo[b]triphenylene	16.41	5.9	ng	323660	6	15.27	1102430	20.0
1,2:7,8-Dibenzoph...	16.73	6.3	ng	347128	6	15.27	1102430	20.0
3,4:8,9-Dibenzopy...	19.14	4.1	ng	223970	6	15.27	1102430	20.0