

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120615\
 Data File : BF083547.D
 Acq On : 7 Dec 2015 7:18
 Operator : UM/IZ
 Sample : G4594-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 K1204-0-2

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-BF120415.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	2.293	50	53	57	rBV	283536	536132	6.72%	0.303%
2	2.384	57	61	63	rVV	254384	486347	6.09%	0.275%
3	3.573	163	165	172	rVB	698472	1282237	16.07%	0.724%
4	4.018	201	204	212	rVB	2819317	4089097	51.23%	2.309%
5	4.236	220	223	233	rBV	2772496	4781542	59.91%	2.700%
6	5.299	313	316	319	rVV	2837624	4325962	54.20%	2.443%
7	5.424	325	327	330	rVV	2846509	4022367	50.40%	2.271%
8	5.516	330	335	338	rVV	3771829	6293492	78.85%	3.554%
9	5.573	338	340	352	rVV	1990290	3422565	42.88%	1.933%
10	5.733	352	354	357	rVB	871187	985976	12.35%	0.557%
11	5.950	370	373	376	rBV	2550184	3021094	37.85%	1.706%
12	6.099	383	386	394	rBV	865239	1568214	19.65%	0.886%
13	6.556	422	426	429	rVV2	1683826	3398341	42.58%	1.919%
14	6.659	432	435	438	rBV	1380705	2499348	31.32%	1.411%
15	6.727	438	441	445	rVB	813170	1332123	16.69%	0.752%
16	7.002	461	465	471	rBV2	2421258	4878811	61.13%	2.755%
17	7.276	485	489	491	rBV	508938	1083488	13.58%	0.612%
18	7.344	491	495	505	rVB2	866579	2229558	27.94%	1.259%
19	7.504	505	509	512	rBV4	246708	690408	8.65%	0.390%
20	7.630	517	520	522	rVV	967050	1541417	19.31%	0.870%
21	7.665	522	523	525	rVV	576420	659420	8.26%	0.372%
22	8.019	551	554	557	rBV	2106330	2754589	34.51%	1.555%
23	8.099	557	561	564	rVV2	2222873	3229478	40.46%	1.824%
24	8.385	581	586	589	rVV2	236699	590872	7.40%	0.334%
25	8.453	590	592	596	rVV2	278848	495738	6.21%	0.280%
26	8.602	602	605	607	rVV3	330712	599709	7.51%	0.339%
27	8.762	616	619	621	rBV2	427603	644958	8.08%	0.364%
28	8.910	629	632	635	rBV	780808	1234621	15.47%	0.697%
29	9.082	644	647	654	rBV2	460683	997146	12.49%	0.563%
30	9.253	659	662	665	rVB	668627	830514	10.41%	0.469%
31	9.333	665	669	671	rBV2	284360	613274	7.68%	0.346%
32	9.379	671	673	676	rVV	2703037	3771417	47.25%	2.130%
33	9.562	685	689	691	rBV	759296	1386660	17.37%	0.783%
34	9.836	711	713	716	rBV2	346472	568322	7.12%	0.321%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.008	725	728	731	rVB	837094	1166557	14.62%	0.659%
36	10.065	731	733	735	rBV	650361	955725	11.97%	0.540%
37	10.202	742	745	750	rVB	1906635	2825396	35.40%	1.595%
38	10.373	755	760	761	rBV2	238286	493478	6.18%	0.279%
39	10.431	761	765	771	rBV4	848493	2131107	26.70%	1.203%
40	10.933	807	809	810	rBV	588917	741956	9.30%	0.419%
41	11.162	827	829	831	rVV	423549	512035	6.42%	0.289%
42	11.265	835	838	841	rVV2	469735	923700	11.57%	0.522%
43	11.333	841	844	847	rVB2	284383	617580	7.74%	0.349%
44	11.608	864	868	869	rBV2	246420	478885	6.00%	0.270%
45	11.711	875	877	886	rVB2	1345665	2454408	30.75%	1.386%
46	12.065	904	908	912	rBV3	423042	1362384	17.07%	0.769%
47	12.819	972	974	976	rVV	863344	1268504	15.89%	0.716%
48	12.865	976	978	980	rVB	1508537	2038600	25.54%	1.151%
49	12.945	980	985	988	rBV	1176277	1772545	22.21%	1.001%
50	13.357	1017	1021	1023	rVB3	285326	664706	8.33%	0.375%
51	13.482	1029	1032	1036	rVB4	245650	563645	7.06%	0.318%
52	13.654	1044	1047	1049	rVV	558196	856171	10.73%	0.483%
53	13.699	1049	1051	1053	rVV	625960	881586	11.05%	0.498%
54	13.768	1055	1057	1059	rVV	440814	611494	7.66%	0.345%
55	13.814	1059	1061	1064	rVV2	1095431	2225398	27.88%	1.257%
56	13.859	1064	1065	1066	rVV	698623	765173	9.59%	0.432%
57	13.894	1066	1068	1071	rVB2	599964	866477	10.86%	0.489%
58	14.145	1087	1090	1092	rVV2	510917	929909	11.65%	0.525%
59	14.557	1123	1126	1128	rBV	1147750	1981180	24.82%	1.119%
60	14.602	1128	1130	1133	rVV2	666409	1396309	17.50%	0.788%
61	14.694	1135	1138	1142	rVB2	718858	1562840	19.58%	0.882%
62	14.808	1143	1148	1150	rVB	3186288	5788760	72.53%	3.269%
63	14.911	1154	1157	1158	rBV	427076	607193	7.61%	0.343%
64	14.945	1158	1160	1165	rVV2	716268	1117252	14.00%	0.631%
65	15.060	1168	1170	1174	rVV4	261592	556727	6.98%	0.314%
66	15.162	1174	1179	1182	rVV	4140456	7981123	100.00%	4.507%
67	15.242	1184	1186	1189	rVB2	398660	729510	9.14%	0.412%
68	15.300	1189	1191	1194	rBV	410588	615533	7.71%	0.348%
69	15.460	1203	1205	1208	rVB	1523987	2055260	25.75%	1.161%
70	15.540	1209	1212	1221	rVB3	644465	1648227	20.65%	0.931%
71	15.677	1221	1224	1226	rBV	716409	1858587	23.29%	1.049%

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72	15.871	1238	1241	1247	rVV2	1212784	1939155	24.30%	1.095%
73	16.020	1251	1254	1256	rVV	1093251	1632603	20.46%	0.922%
74	16.065	1256	1258	1263	rVB	823458	1183635	14.83%	0.668%
75	16.523	1293	1298	1303	rVB2	680618	1568629	19.65%	0.886%
76	16.671	1308	1311	1312	rBV	700630	1192462	14.94%	0.673%
77	16.831	1323	1325	1328	rBV	372625	631354	7.91%	0.357%
78	16.968	1334	1337	1338	rBV3	263354	505987	6.34%	0.286%
79	17.025	1338	1342	1344	rVV2	2957067	5900201	73.93%	3.332%
80	17.071	1344	1346	1348	rVV	2907090	4630587	58.02%	2.615%
81	17.163	1351	1354	1356	rVV3	442233	680146	8.52%	0.384%
82	17.243	1358	1361	1362	rVV	662872	1022506	12.81%	0.577%
83	17.277	1362	1364	1366	rVV3	296079	480015	6.01%	0.271%
84	17.551	1385	1388	1390	rVV	1256270	2052450	25.72%	1.159%
85	17.597	1390	1392	1394	rVV	714685	870640	10.91%	0.492%
86	17.666	1397	1398	1400	rVV	545063	530044	6.64%	0.299%
87	17.711	1400	1402	1404	rVB2	466141	680568	8.53%	0.384%
88	18.134	1437	1439	1441	rVB2	537164	767180	9.61%	0.433%
89	18.294	1449	1453	1458	rBV2	2599180	6350615	79.57%	3.586%
90	18.386	1459	1461	1464	rVB	706317	887852	11.12%	0.501%
91	18.454	1464	1467	1469	rBV2	375004	726487	9.10%	0.410%
92	18.557	1474	1476	1479	rVV	1753156	2782245	34.86%	1.571%
93	18.626	1479	1482	1484	rVV	2076504	3482199	43.63%	1.966%
94	18.671	1484	1486	1487	rVV	371808	554822	6.95%	0.313%
95	18.694	1487	1488	1492	rVB2	759749	943323	11.82%	0.533%
96	19.128	1523	1526	1532	rVB2	1637105	2823648	35.38%	1.594%
97	19.746	1578	1580	1585	rBV2	218943	591404	7.41%	0.334%
98	19.917	1591	1595	1598	rBV	1279640	2408413	30.18%	1.360%
99	20.283	1623	1627	1630	rVB	906931	1883254	23.60%	1.063%
100	20.466	1641	1643	1649	rVB2	223940	544191	6.82%	0.307%

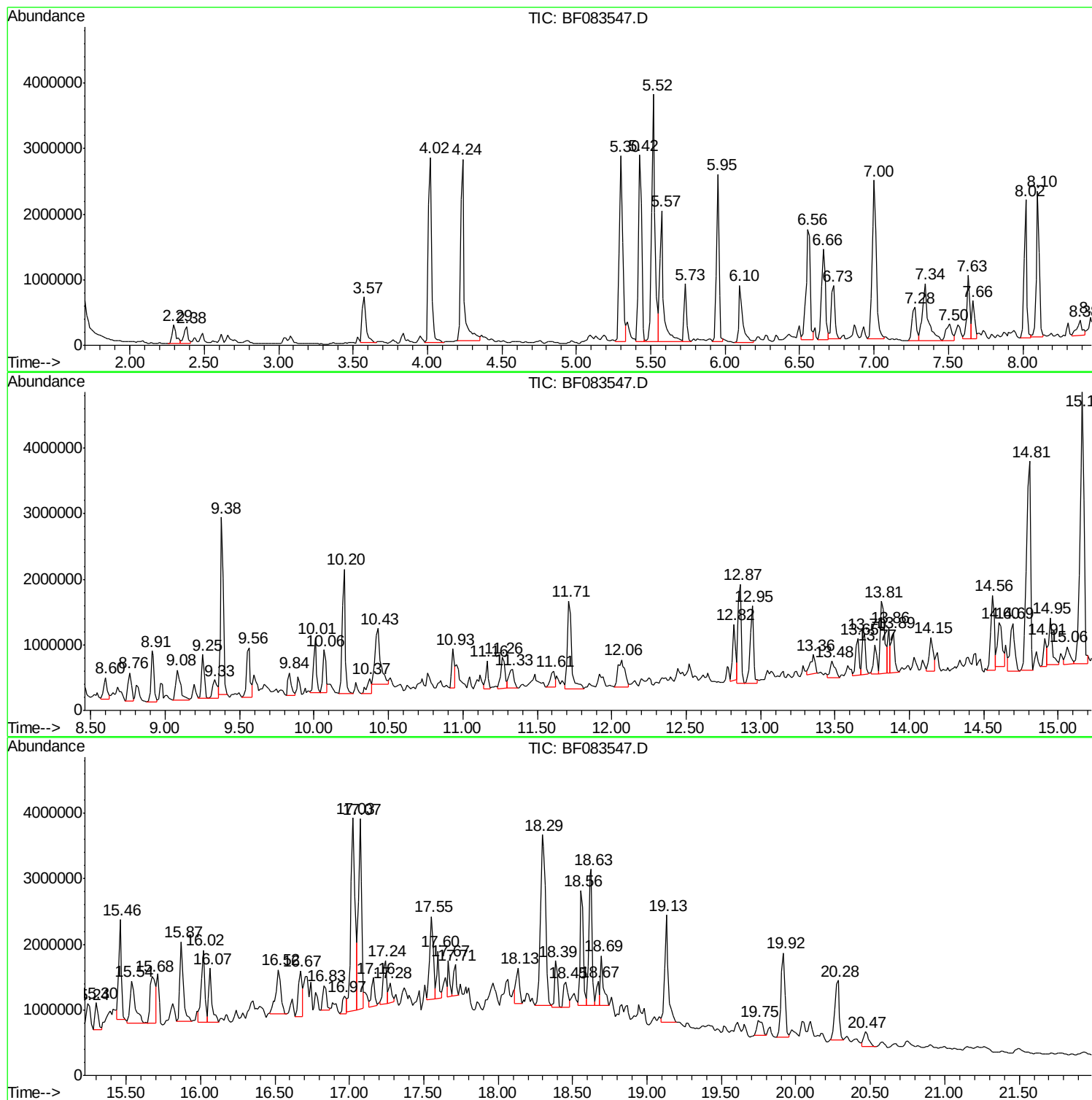
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Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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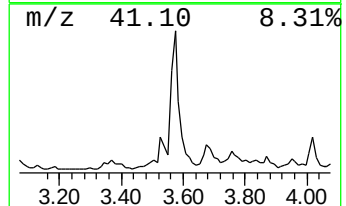
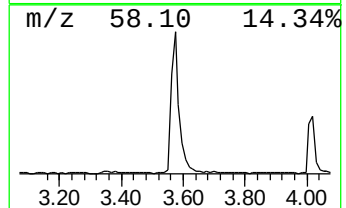
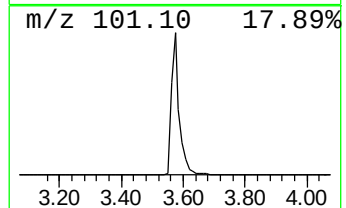
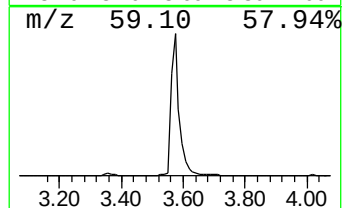
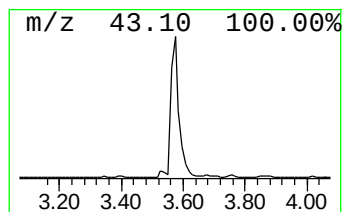
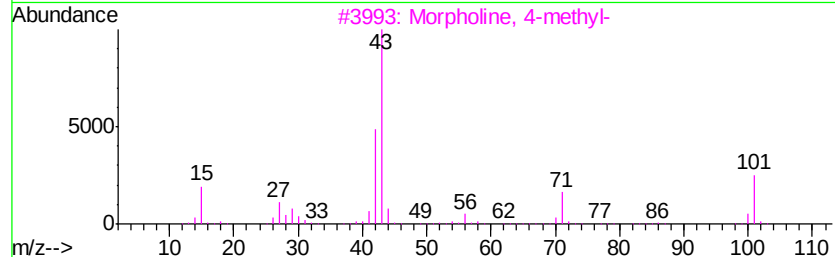
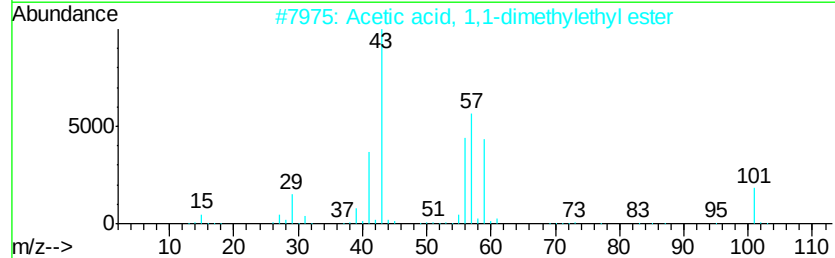
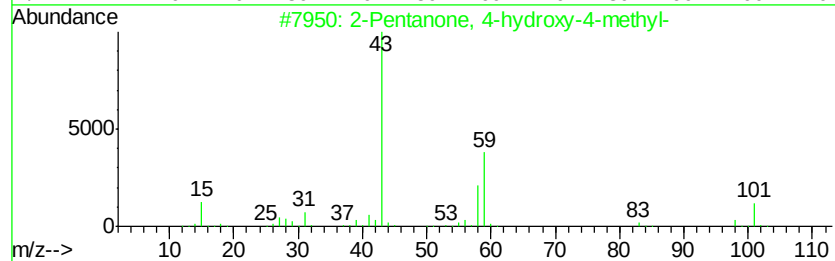
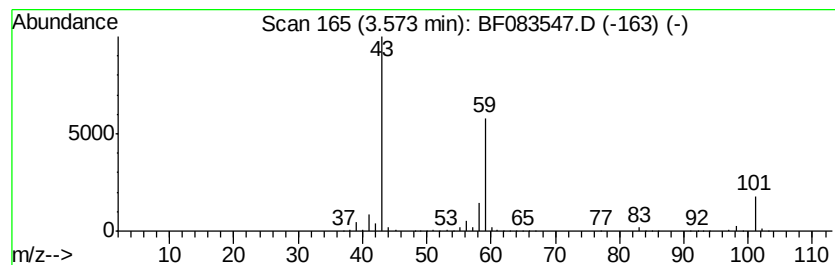
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.57	26.01 ng	1282240	1,4-Dichlorobenzene-d4	5.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5		4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	9



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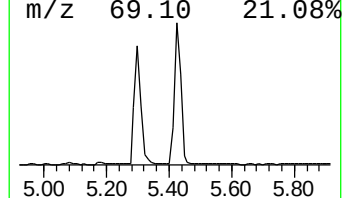
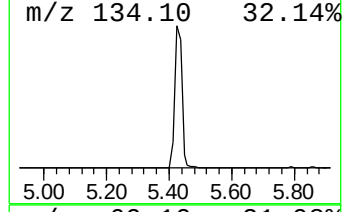
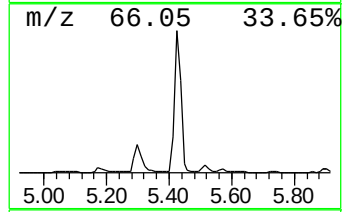
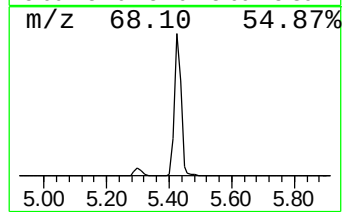
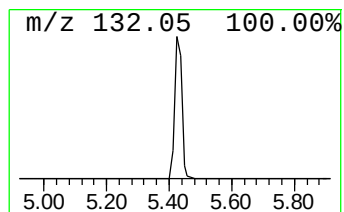
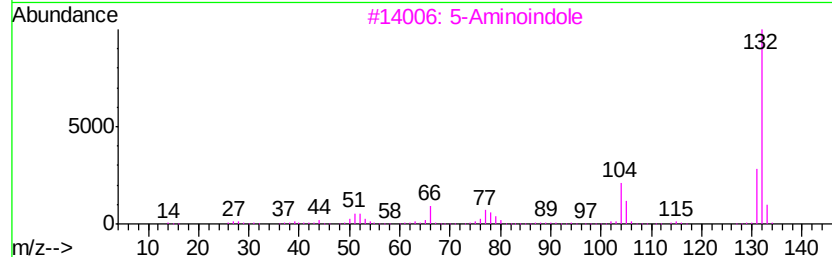
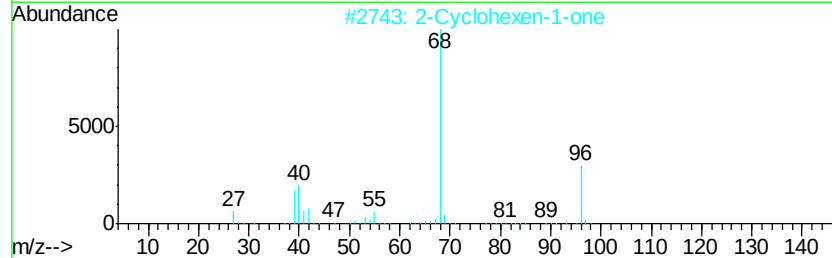
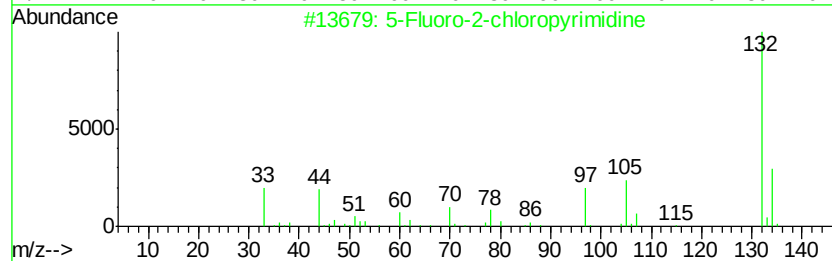
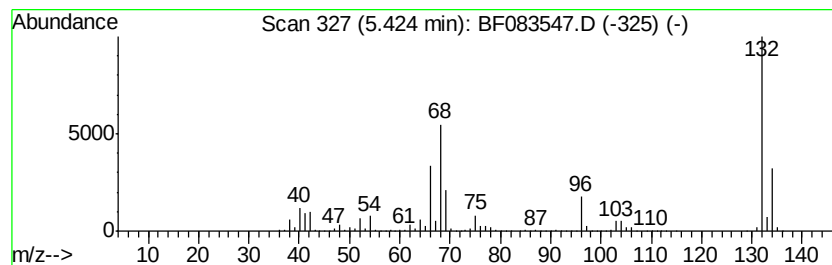
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown5.42 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.42	81.59 ng	4022370	1,4-Dichlorobenzene-d4	5.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
2		2-Cyclohexen-1-one	96	C6H8O	000930-68-7	11
3		5-Aminoindole	132	C8H8N2	005192-03-0	10
4		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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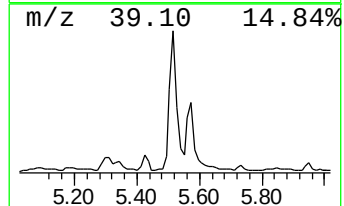
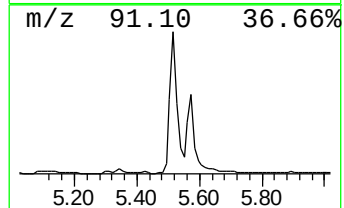
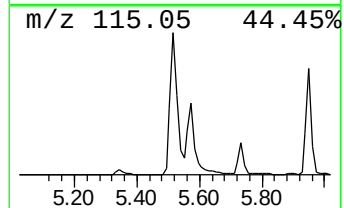
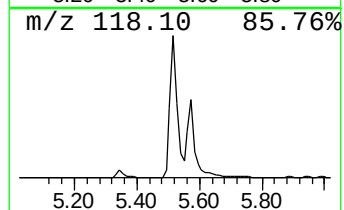
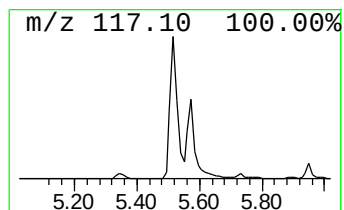
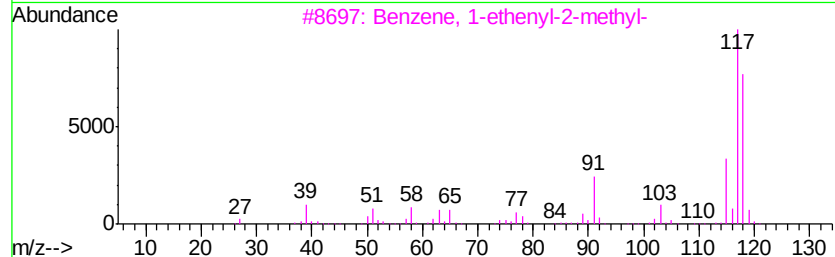
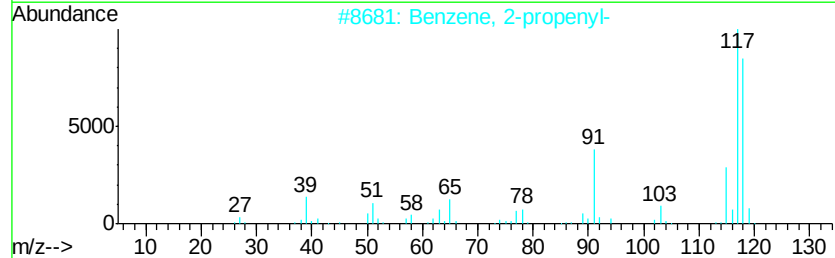
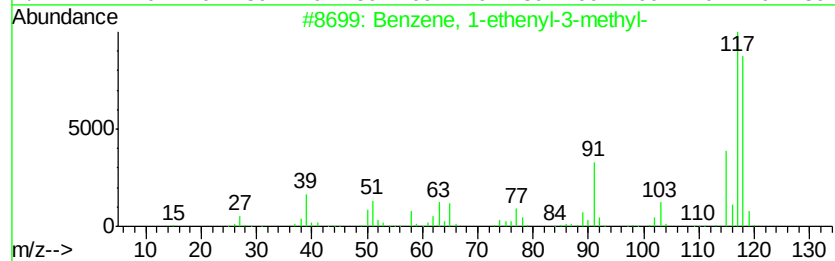
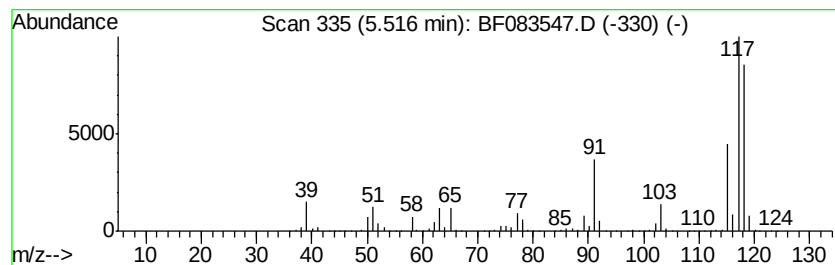
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.52	127.66 ng	6293490	1,4-Dichlorobenzene-d4	5.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
2		Benzene, 2-propenyl-	118	C9H10	000300-57-2	95
3		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94
4		Benzene, cyclopropyl-	118	C9H10	000873-49-4	94
5		Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120615\
Data File : BF083547.D
Acq On : 7 Dec 2015 7:18
Operator : UM/IZ
Sample : G4594-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

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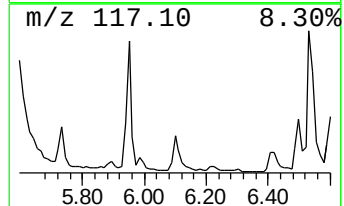
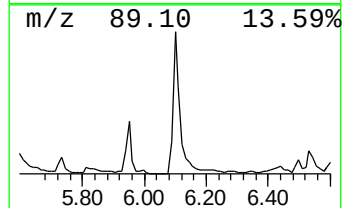
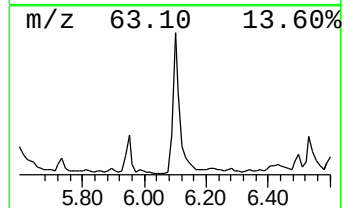
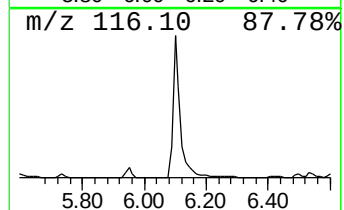
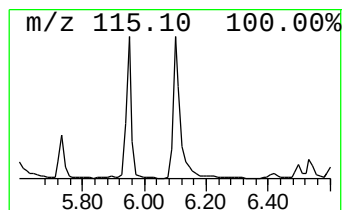
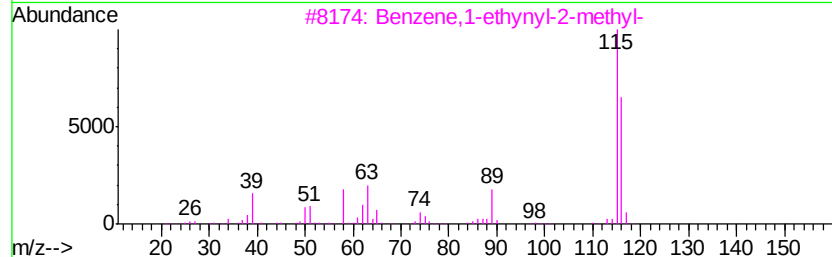
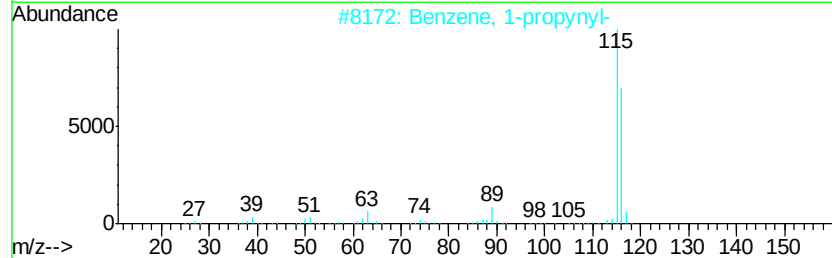
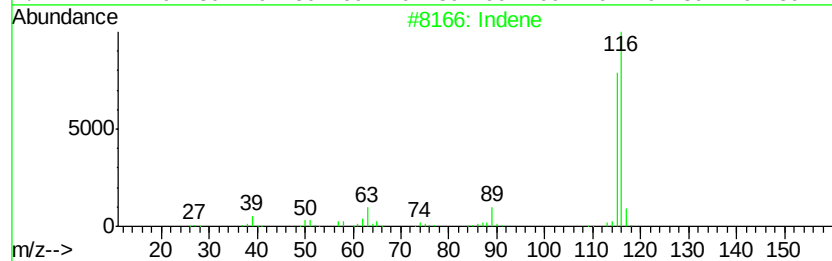
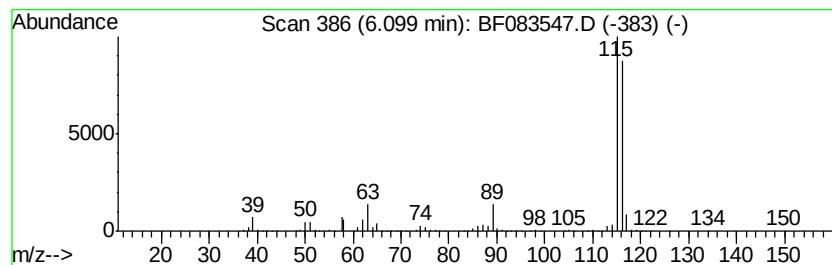
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Indene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.10	31.81 ng	1568210	1,4-Dichlorobenzene-d4	5.73

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene		116	C9H8	000095-13-6	97
2	Benzene, 1-propynyl-		116	C9H8	000673-32-5	94
3	Benzene, 1-ethynyl-2-methyl-		116	C9H8	000766-47-2	91
4	Benzene, 1-ethynyl-4-methyl-		116	C9H8	000766-97-2	90
5	Benzene, 1,2-propadienyl-		116	C9H8	002327-99-3	83



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120615\
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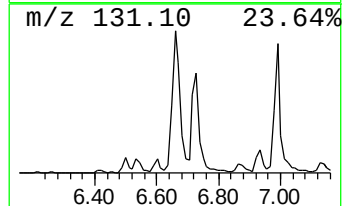
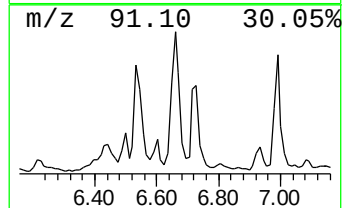
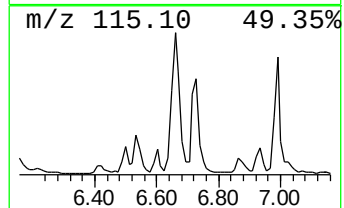
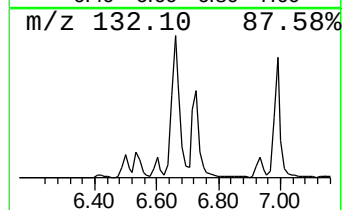
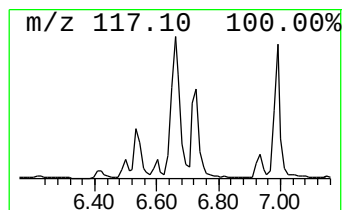
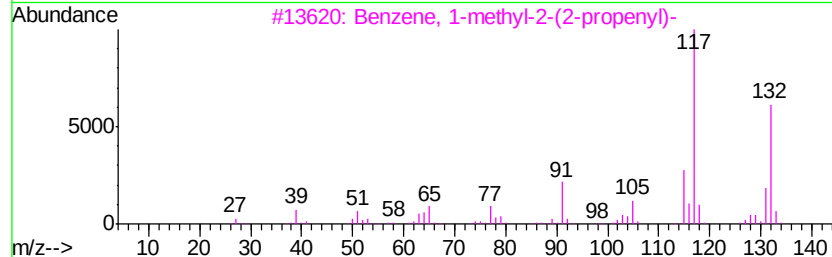
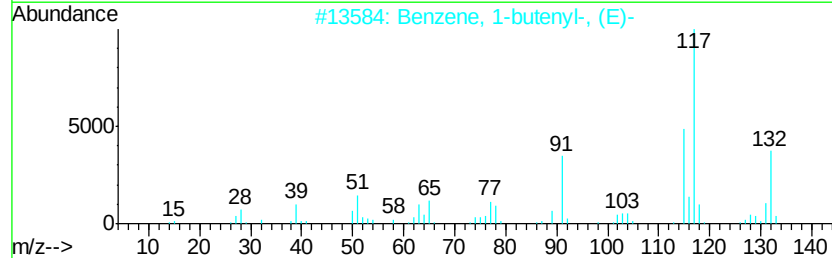
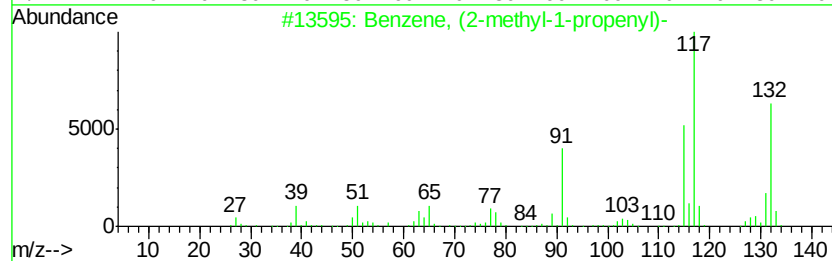
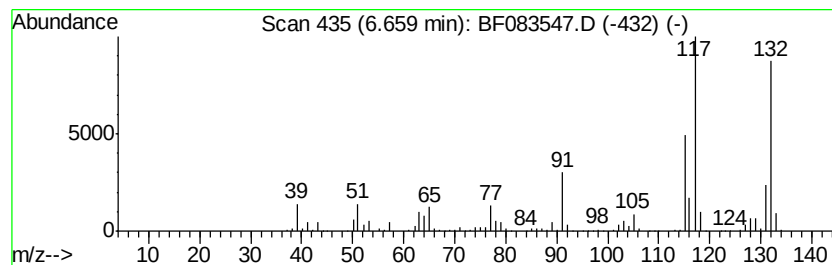
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzene, (2-methyl-1-propen... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	50.70 ng	2499350	1,4-Dichlorobenzene-d4	5.73

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	95	
2	Benzene, 1-butenyl-, (E)-	132	C10H12	001005-64-7	95	
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	95	
4	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	95	
5	Benzene, (1-methyl-1-propenyl)-, ...	132	C10H12	000768-00-3	94	



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120615\
Data File : BF083547.D
Acq On : 7 Dec 2015 7:18
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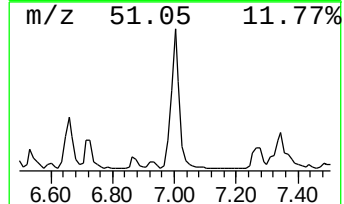
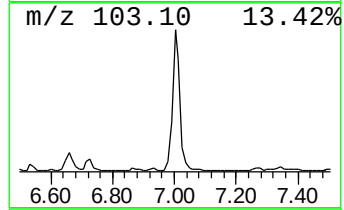
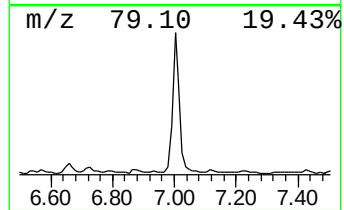
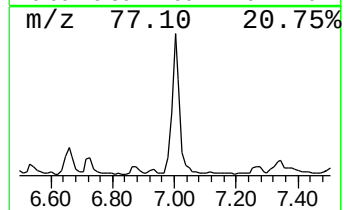
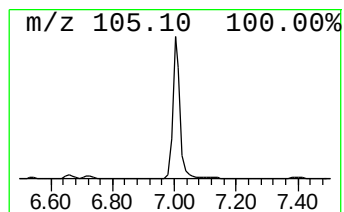
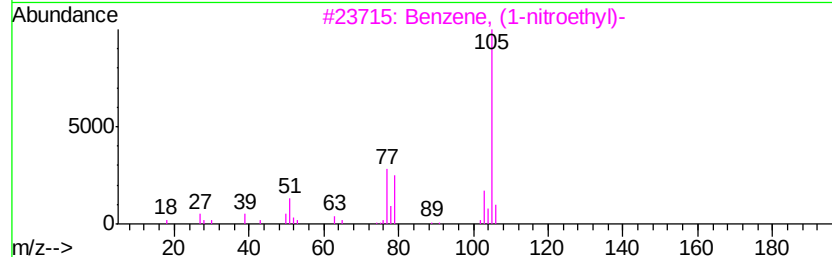
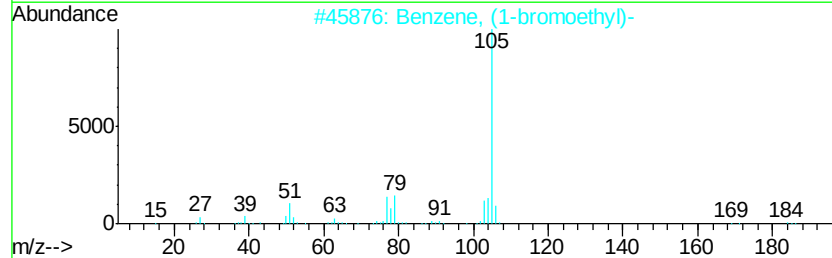
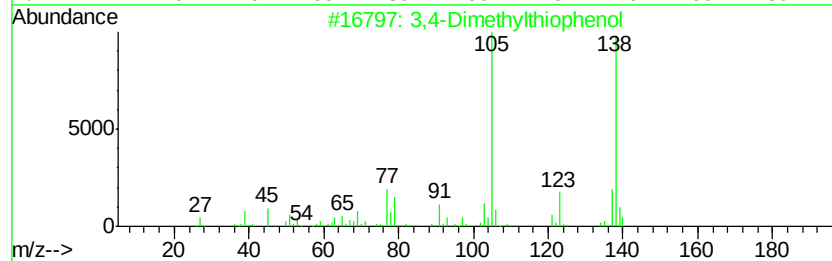
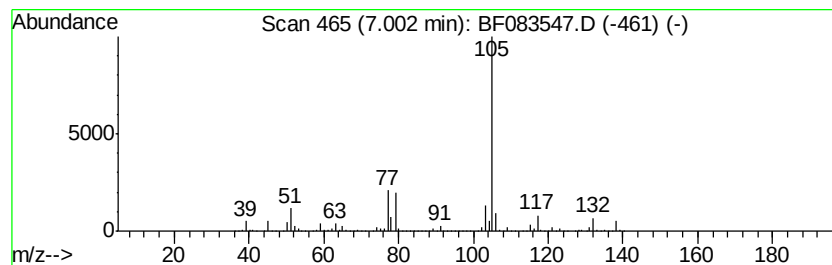
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 3,4-Dimethylthiophenol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.00	63.30 ng	4878810	Napthalene-d8	7.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,4-Dimethylthiophenol	138	C8H10S	018800-53-8	72
2		Benzene, (1-bromoethyl)-	184	C8H9Br	000585-71-7	59
3		Benzene, (1-nitroethyl)-	151	C8H9NO2	007214-61-1	53
4		Phenol, o-[(.alpha.-methylbenzyl...]	262	C14H14O3S	029634-38-6	45
5		Benzene, 1,1'-(oxydiethylidene)bis-	226	C16H18O	000093-96-9	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120615\
Data File : BF083547.D
Acq On : 7 Dec 2015 7:18
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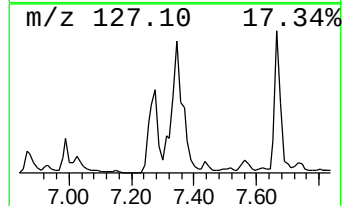
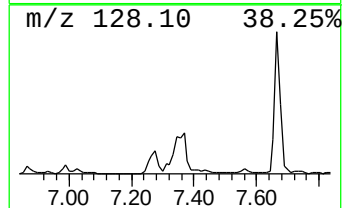
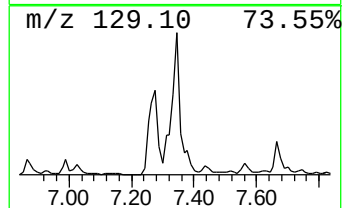
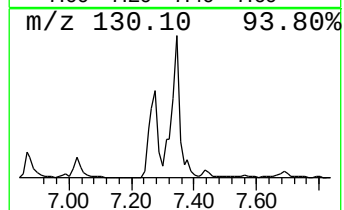
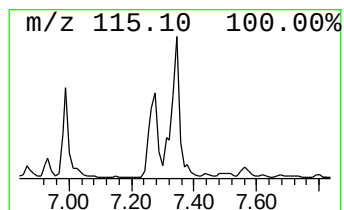
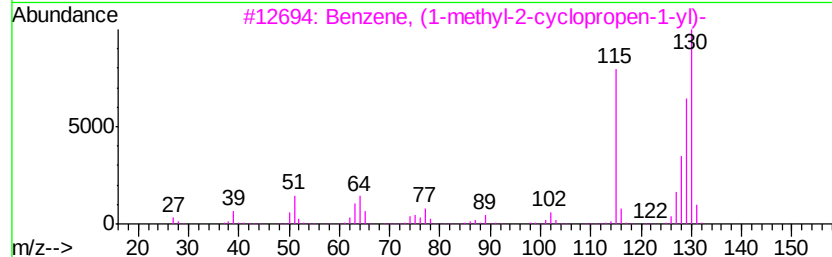
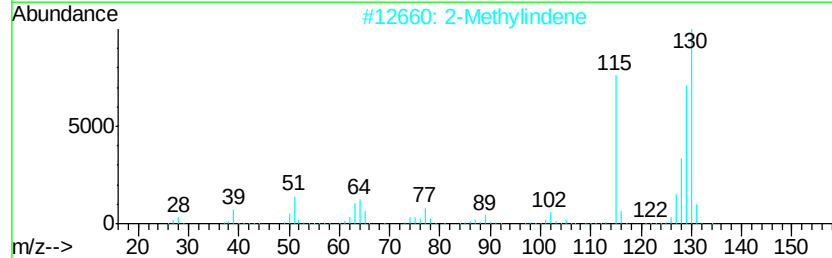
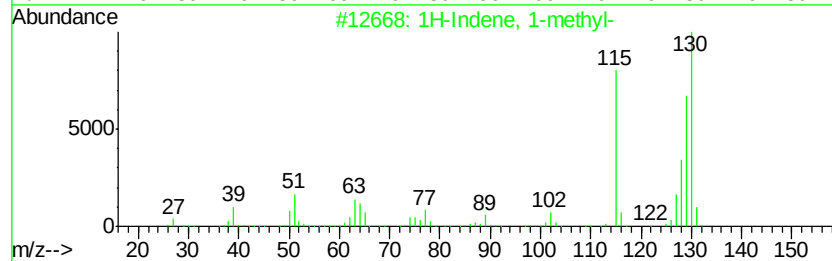
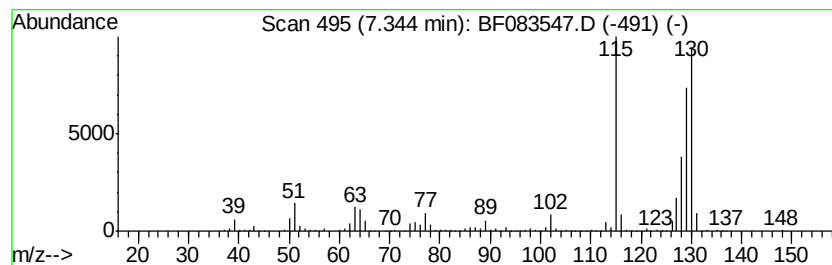
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1H-Indene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.34	28.93 ng	2229560	Naphthalene-d8	7.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
2		2-Methylindene	130	C10H10	002177-47-1	96
3		Benzene, (1-methyl-2-cyclopropen-1-yl)-	130	C10H10	065051-83-4	95
4		Benzene, 1-butylnyl-	130	C10H10	000622-76-4	95
5		1H-Indene, 3-methyl-	130	C10H10	000767-60-2	95



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120615\
Data File : BF083547.D
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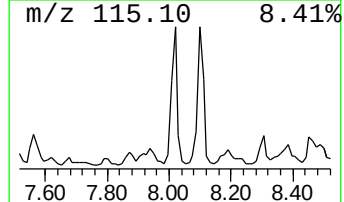
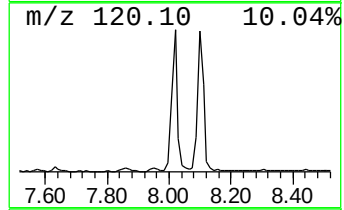
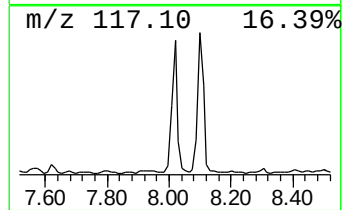
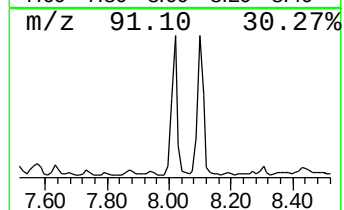
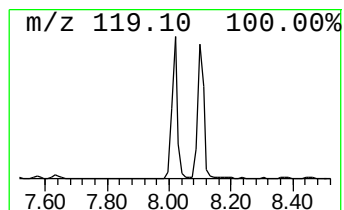
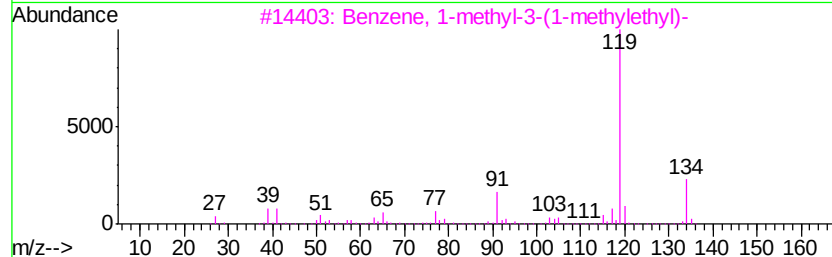
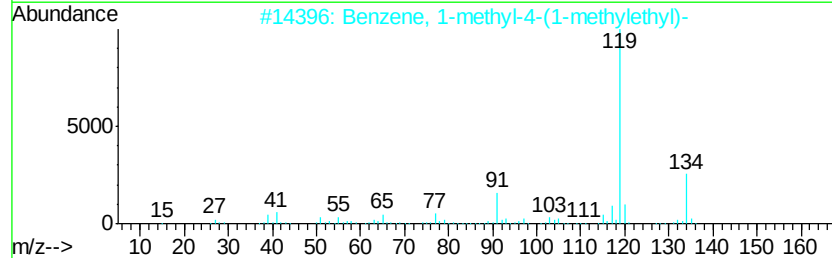
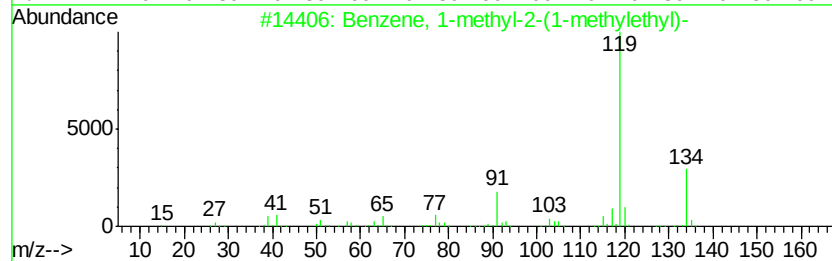
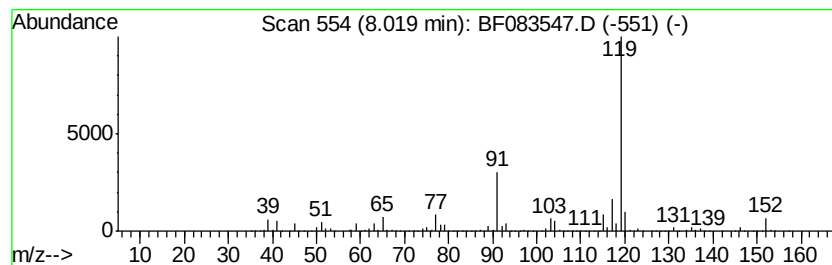
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzene, 1-methyl-2-(1-meth... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.02	35.74 ng	2754590	Napthalene-d8	7.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	87
2		Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	80
3		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	80
4		2,4,6-Trimethylbenzenethiol	152	C9H12S	001541-10-2	78
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120615\
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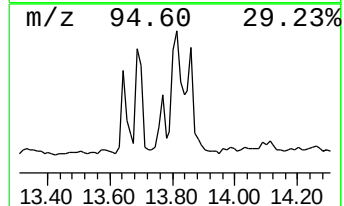
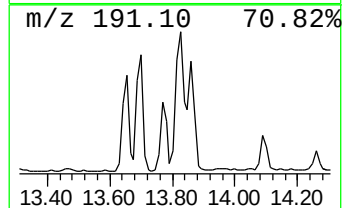
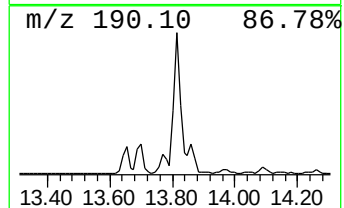
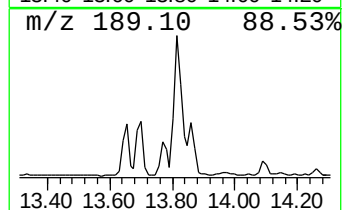
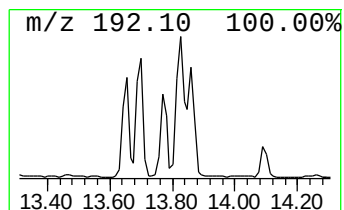
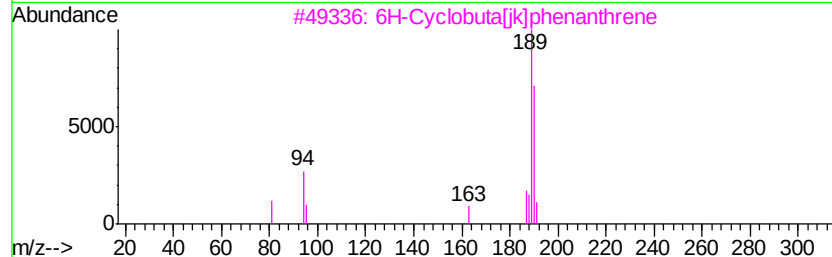
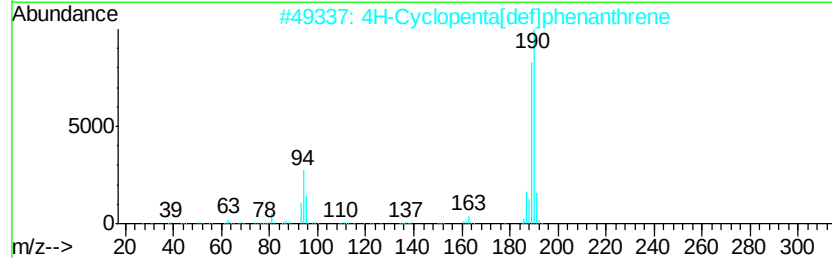
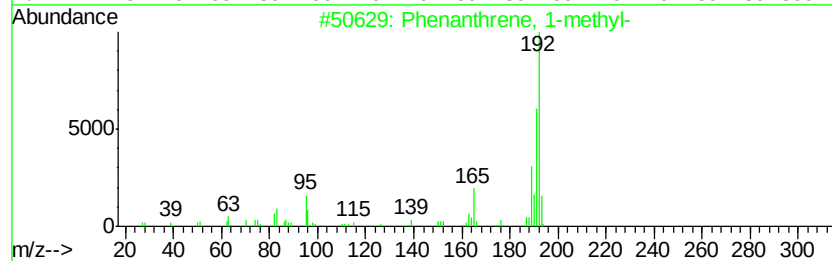
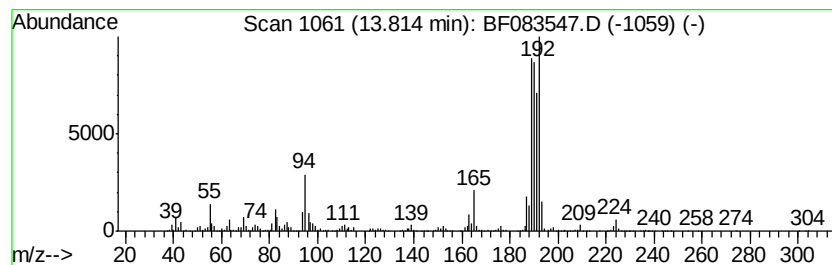
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Phenanthrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.81	35.09 ng	2225400	Phenanthrene-d10	12.82	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	86
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3	6H-Cyclobuta[fik]phenanthrene	190	C15H10	083469-43-6	49
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	46
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	46



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120615\
Data File : BF083547.D
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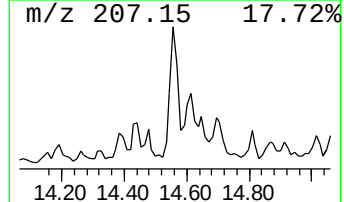
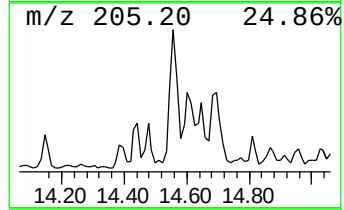
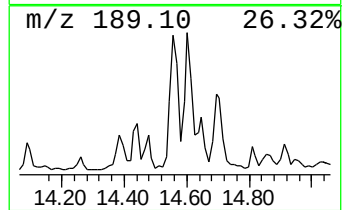
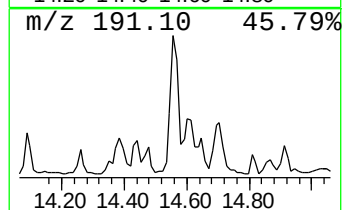
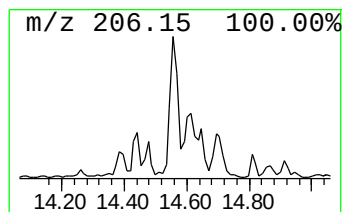
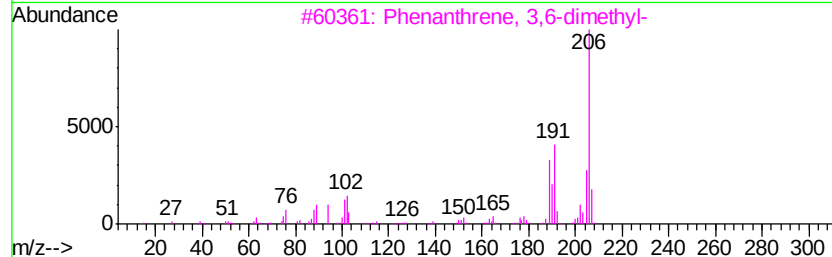
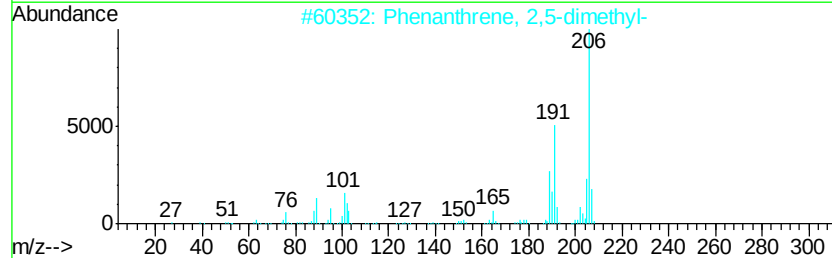
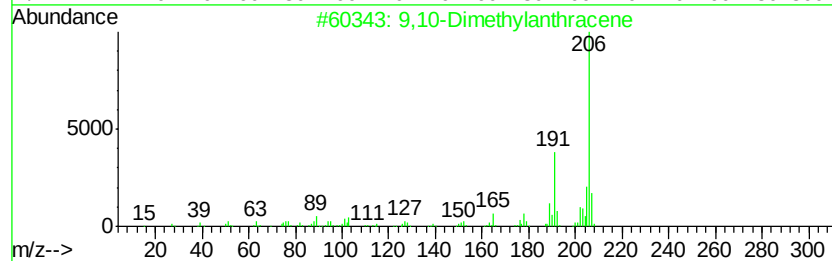
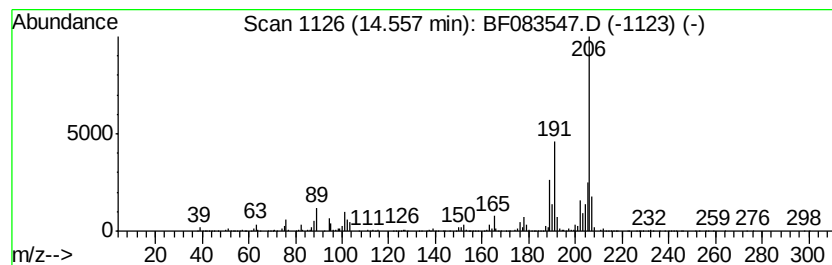
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 9,10-Dimethylantracene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	31.24 ng	1981180	Phenanthrene-d10	12.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Dimethylantracene	206	C16H14	000781-43-1	95
2		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
3		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
4		Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
5		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120615\
Data File : BF083547.D
Acq On : 7 Dec 2015 7:18
Operator : UM/IZ
Sample : G4594-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
K1204-0-2

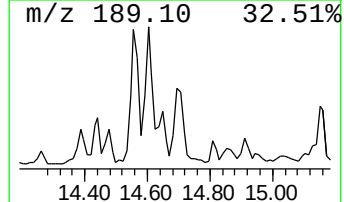
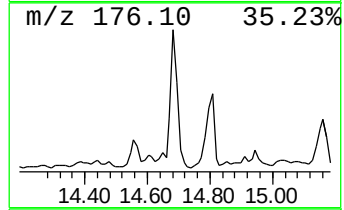
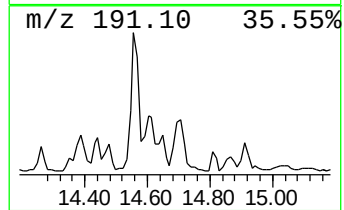
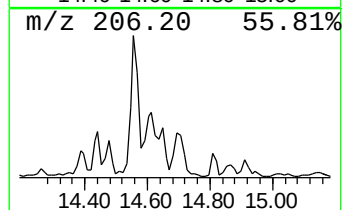
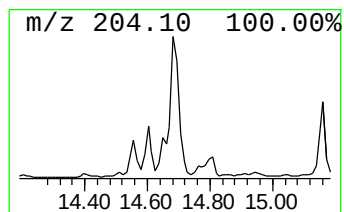
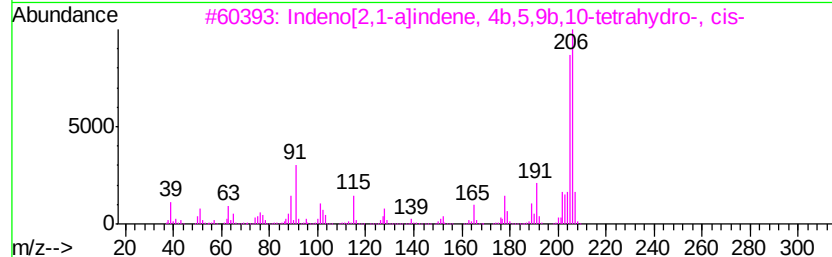
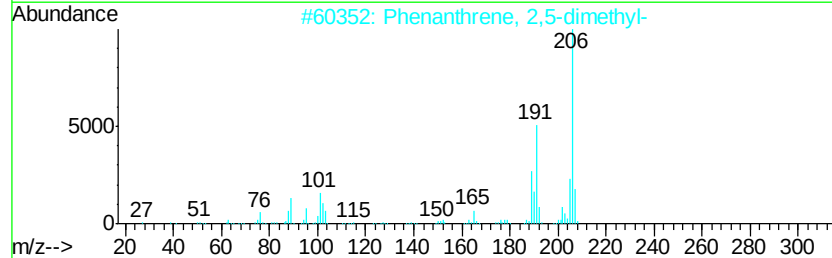
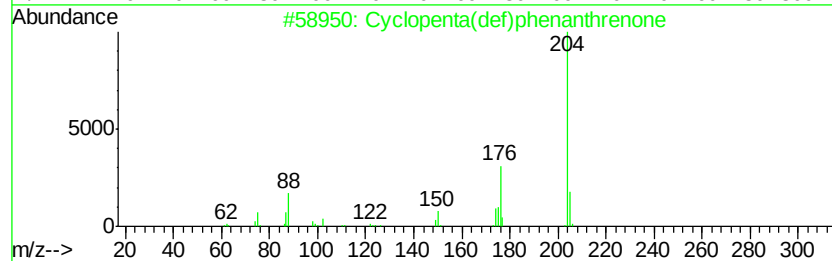
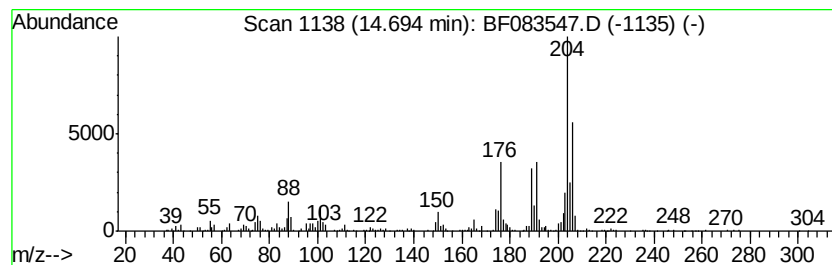
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Cyclopenta(def)phenanthrenone Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	24.64 ng	1562840	Phenanthrene-d10	12.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	94
2		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	42
3		Indeno[2,1-a]indene, 4b,5,9b,10-...	206	C16H14	016293-79-1	41
4		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	41
5		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	41



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120615\
Data File : BF083547.D
Acq On : 7 Dec 2015 7:18
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ClientSampleId :
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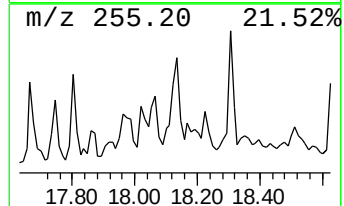
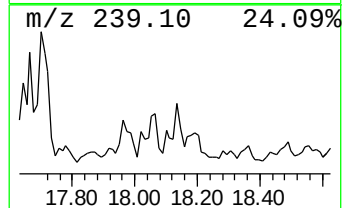
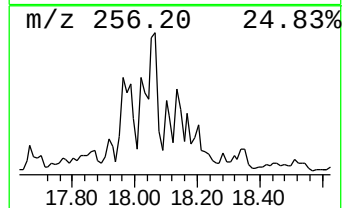
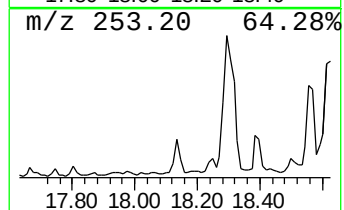
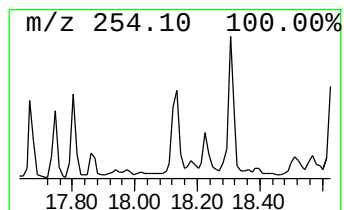
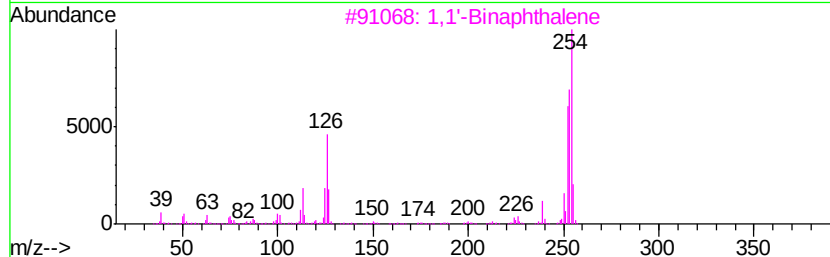
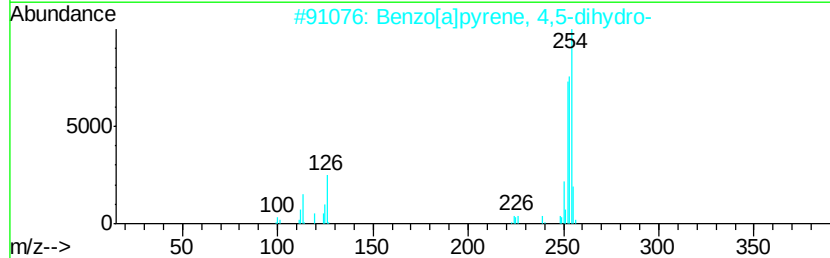
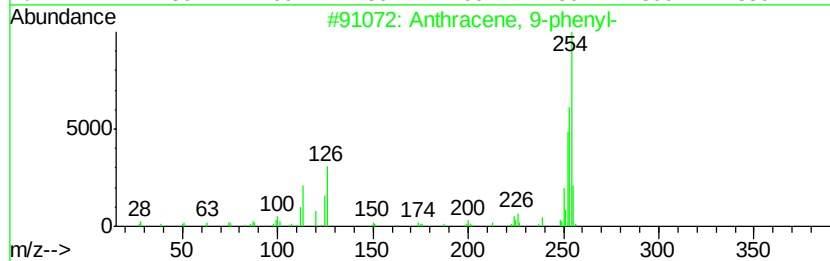
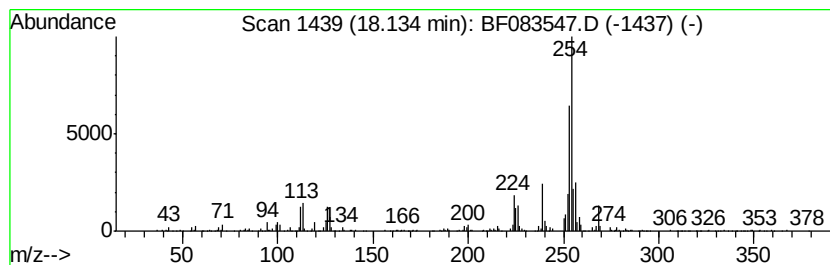
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Anthracene, 9-phenyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.13	27.66 ng	767180	Perylene-d12	18.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 9-phenyl-	254	C20H14	000602-55-1	70
2		Benzo[a]pyrene, 4,5-dihydro-	254	C20H14	057652-66-1	58
3		1,1'-Binaphthalene	254	C20H14	000604-53-5	58
4		1,2'-Binaphthalene	254	C20H14	004325-74-0	58
5		5,8-Dimethoxy-1,4-dihydro-2,3-qu...	254	C10H10N2O2S2	001790-96-1	52



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120615\
Data File : BF083547.D
Acq On : 7 Dec 2015 7:18
Operator : UM/IZ
Sample : G4594-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

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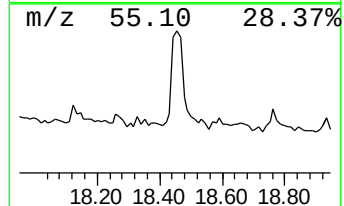
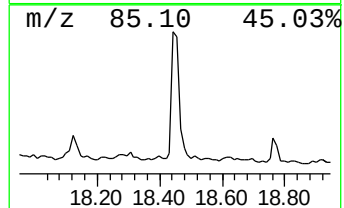
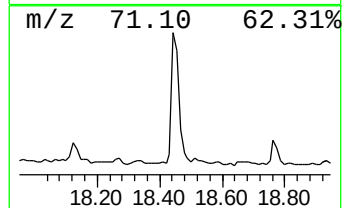
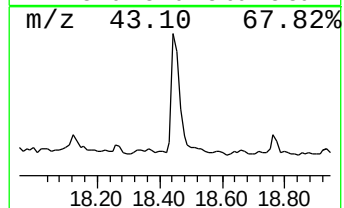
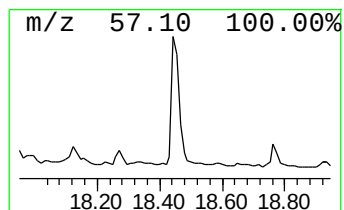
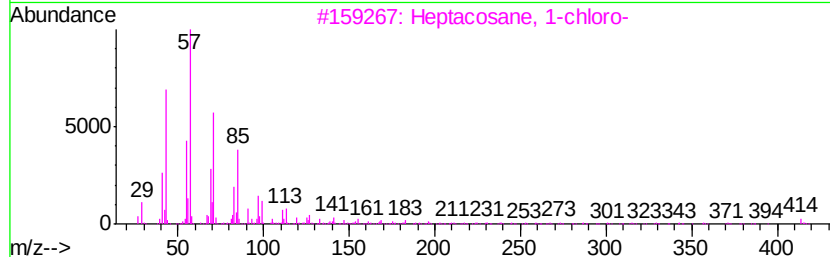
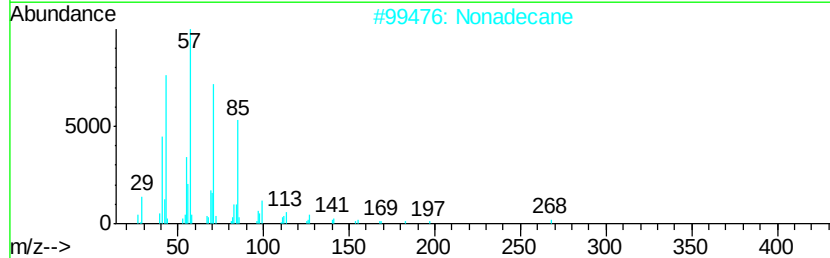
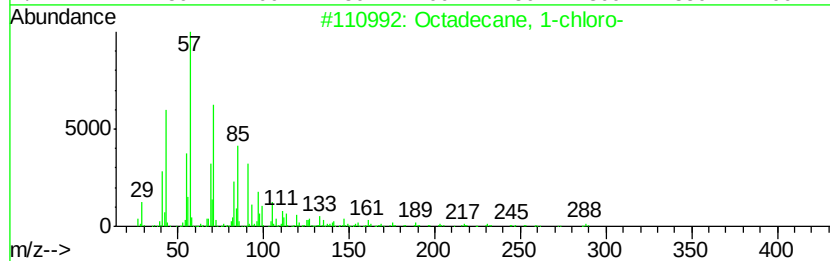
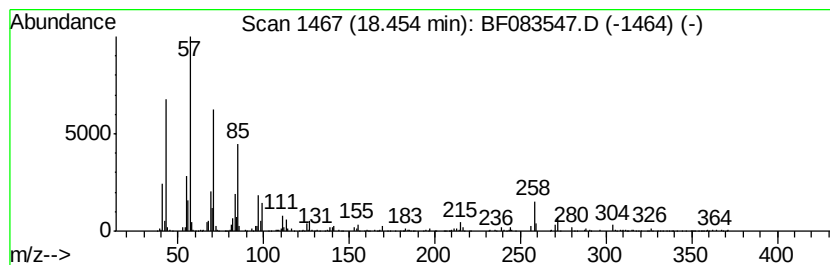
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Octadecane, 1-chloro- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.45	26.19 ng	726487	Perylene-d12	18.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	91
2		Nonadecane	268	C19H40	000629-92-5	89
3		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	80
4		Tritetracontane	605	C43H88	007098-21-7	80
5		10-Methylnonadecane	282	C20H42	056862-62-5	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120615\
Data File : BF083547.D
Acq On : 7 Dec 2015 7:18
Operator : UM/IZ
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Misc :
ALS Vial : 21 Sample Multiplier: 1

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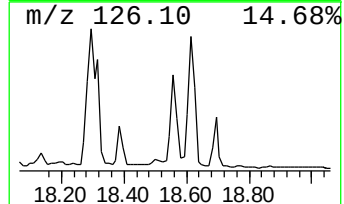
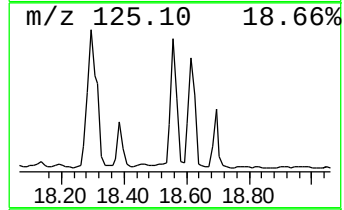
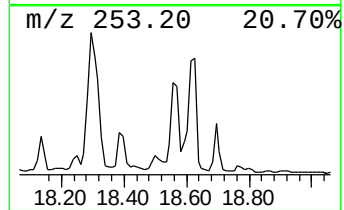
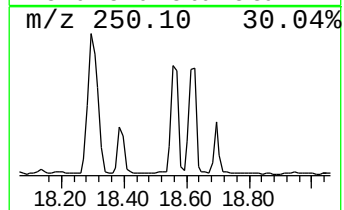
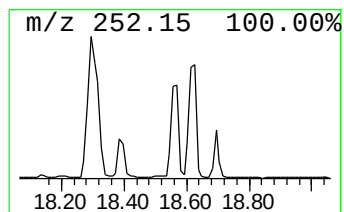
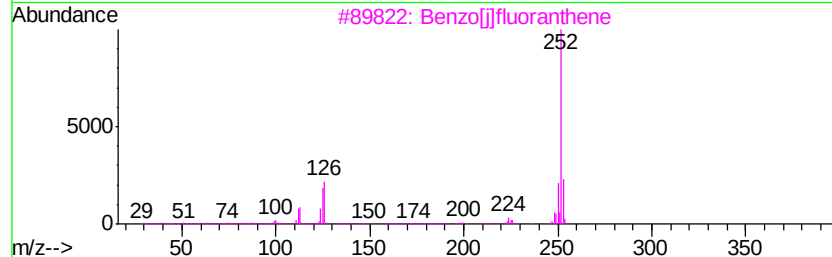
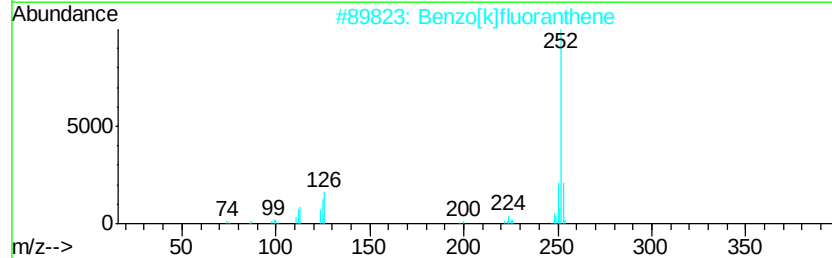
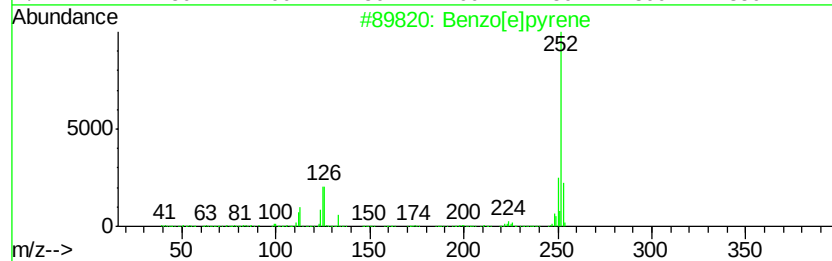
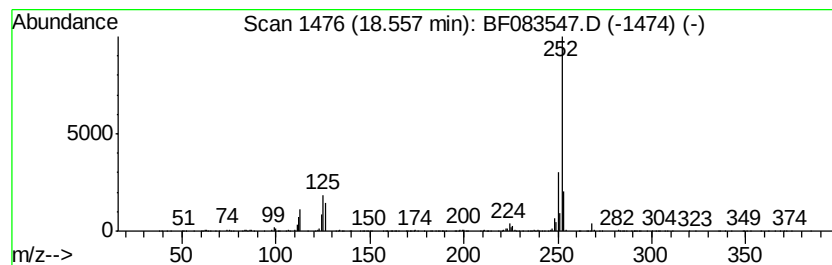
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.56	100.29 ng	2782250	Perylene-d12	18.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
3		Benzo[i]fluoranthene	252	C20H12	000205-82-3	94
4		Perylene	252	C20H12	000198-55-0	94
5		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120615\
Data File : BF083547.D
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Misc :
ALS Vial : 21 Sample Multiplier: 1

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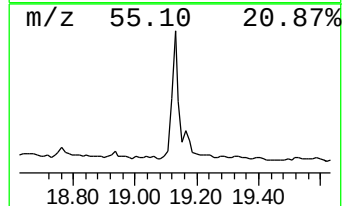
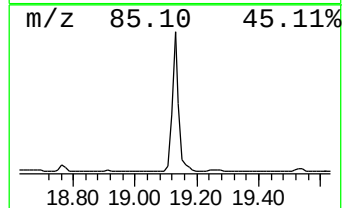
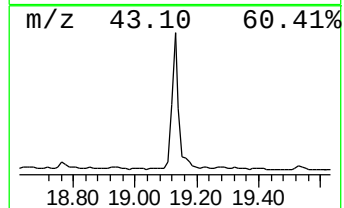
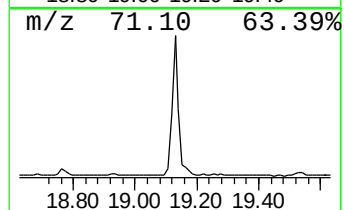
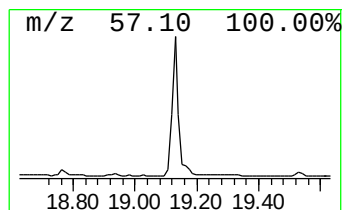
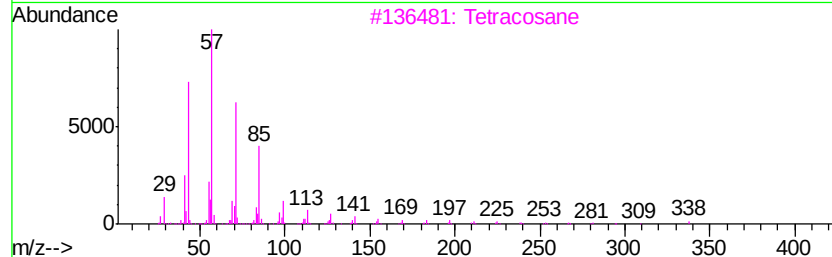
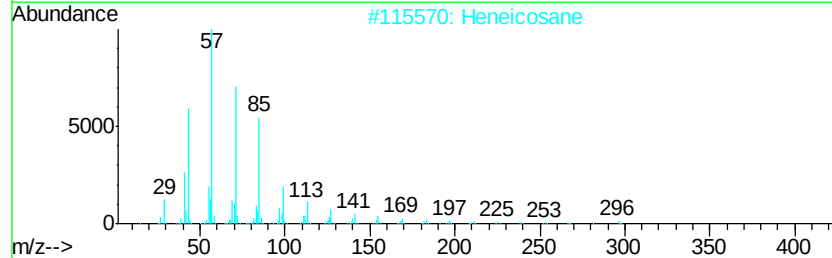
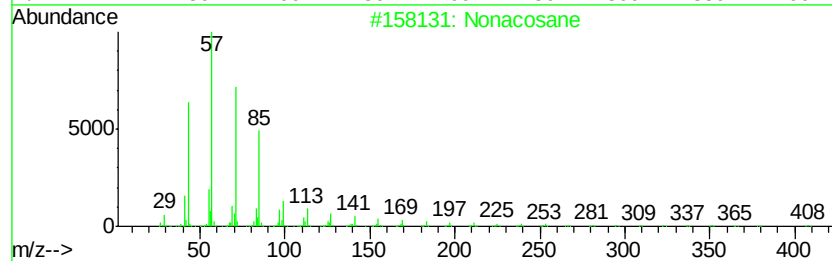
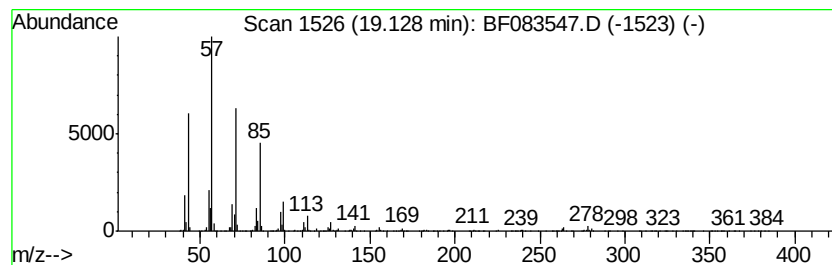
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Nonacosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.13	101.79 ng	2823650	Perylene-d12	18.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonacosane	408	C29H60	000630-03-5	87
2		Heneicosane	296	C21H44	000629-94-7	86
3		Tetracosane	338	C24H50	000646-31-1	86
4		Heptacosane	380	C27H56	000593-49-7	80
5		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120615\
 Data File : BF083547.D
 Acq On : 7 Dec 2015 7:18
 Operator : UM/IZ
 Sample : G4594-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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unknown5.42	5.42	81.6	ng	4022370	1	5.73	985976	20.0
Benzene, 1-etheny...	5.52	127.7	ng	6293490	1	5.73	985976	20.0
Indene	6.10	31.8	ng	1568210	1	5.73	985976	20.0
Benzene, (2-methy...	6.66	50.7	ng	2499350	1	5.73	985976	20.0
3,4-Dimethylthiop...	7.00	63.3	ng	4878810	2	7.63	1541420	20.0
1H-Indene, 1-methyl-	7.34	28.9	ng	2229560	2	7.63	1541420	20.0
Benzene, 1-methyl...	8.02	35.7	ng	2754590	2	7.63	1541420	20.0
Phenanthrene, 1-m...	13.81	35.1	ng	2225400	4	12.82	1268500	20.0
9,10-Dimethylanth...	14.56	31.2	ng	1981180	4	12.82	1268500	20.0
Cyclopenta(def)ph...	14.69	24.6	ng	1562840	4	12.82	1268500	20.0
Anthracene, 9-phe...	18.13	27.7	ng	767180	6	18.67	554822	20.0
Octadecane, 1-chl...	18.45	26.2	ng	726487	6	18.67	554822	20.0
Benzo[e]pyrene	18.56	100.3	ng	2782250	6	18.67	554822	20.0
Nonacosane	19.13	101.8	ng	2823650	6	18.67	554822	20.0