

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120615\
 Data File : BF083544.D
 Acq On : 7 Dec 2015 5:49
 Operator : UM/IZ
 Sample : G4594-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 K204-0-2

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	2.281	49	52	54	rBV	289057	443432	7.22%	0.271%
2	3.561	162	164	171	rVB	734250	1391530	22.65%	0.851%
3	4.007	201	203	212	rVV	3513839	4437352	72.23%	2.712%
4	4.224	219	222	233	rVV	2847845	4454147	72.51%	2.722%
5	5.299	313	316	319	rVV	3251671	4817048	78.42%	2.944%
6	5.344	319	320	325	rVV	329780	456769	7.44%	0.279%
7	5.424	325	327	330	rVV	3421024	4422101	71.99%	2.703%
8	5.516	330	335	338	rVV	3795547	5811187	94.60%	3.552%
9	5.573	338	340	351	rVV	1695219	2855820	46.49%	1.745%
10	5.733	351	354	357	rVB	912123	1059473	17.25%	0.648%
11	5.950	370	373	376	rBV	2800448	3357846	54.66%	2.052%
12	6.099	383	386	394	rBV	861376	1416226	23.05%	0.866%
13	6.556	422	426	429	rVV2	1846793	3637659	59.22%	2.223%
14	6.659	432	435	438	rBV	1268572	2250609	36.64%	1.376%
15	6.716	438	440	445	rVB	723130	1202418	19.57%	0.735%
16	6.876	448	454	457	rBV2	194427	446854	7.27%	0.273%
17	7.002	461	465	471	rVB2	2528367	4490698	73.10%	2.745%
18	7.276	485	489	491	rBV	448415	1002397	16.32%	0.613%
19	7.345	491	495	497	rBV	730454	1397924	22.76%	0.854%
20	7.505	505	509	512	rBV3	260526	675956	11.00%	0.413%
21	7.562	512	514	517	rVV3	213568	445322	7.25%	0.272%
22	7.630	517	520	522	rVV	1092612	1675673	27.28%	1.024%
23	7.665	522	523	525	rVV	562519	617013	10.04%	0.377%
24	8.019	551	554	557	rBV	1953734	2679843	43.62%	1.638%
25	8.099	557	561	564	rBV2	2325202	3069342	49.97%	1.876%
26	8.385	581	586	589	rBV3	195700	489778	7.97%	0.299%
27	8.602	601	605	608	rBV2	288961	494765	8.05%	0.302%
28	8.762	616	619	621	rBV2	433228	683444	11.13%	0.418%
29	8.910	629	632	635	rBV	784373	1182130	19.24%	0.723%
30	9.082	644	647	651	rBV2	429502	855939	13.93%	0.523%
31	9.253	659	662	665	rVB	665635	822560	13.39%	0.503%
32	9.379	670	673	676	rVB	2922251	4282287	69.71%	2.617%
33	9.550	686	688	691	rBV	646620	1070120	17.42%	0.654%
34	9.836	711	713	716	rBV2	292983	475608	7.74%	0.291%

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

35	10.008	725	728	731	rVB	617233	908641	14.79%	0.555%
36	10.065	731	733	735	rBV	705422	933688	15.20%	0.571%
37	10.191	742	744	750	rVB	1303006	2208617	35.95%	1.350%
38	10.419	761	764	767	rBV2	845282	1772996	28.86%	1.084%
39	10.933	807	809	810	rBV	587439	746538	12.15%	0.456%
40	11.265	835	838	840	rVV2	370970	665887	10.84%	0.407%
41	11.322	840	843	847	rVB3	237229	573820	9.34%	0.351%
42	11.711	874	877	883	rVB	1575765	2418416	39.37%	1.478%
43	12.065	904	908	913	rBV4	325372	1112567	18.11%	0.680%
44	12.522	945	948	950	rVV3	240212	456570	7.43%	0.279%
45	12.819	972	974	976	rVV	1000512	1463219	23.82%	0.894%
46	12.865	976	978	980	rVB	1543921	2162053	35.20%	1.321%
47	12.945	980	985	987	rBV	804859	1307237	21.28%	0.799%
48	13.357	1017	1021	1024	rVB2	219027	520268	8.47%	0.318%
49	13.654	1044	1047	1048	rBV	429424	605235	9.85%	0.370%
50	13.688	1048	1050	1053	rVB	474929	670410	10.91%	0.410%
51	13.814	1059	1061	1063	rVV2	858237	1388661	22.61%	0.849%
52	13.859	1063	1065	1066	rVV	517384	765086	12.45%	0.468%
53	13.894	1066	1068	1071	rVB	786649	1074745	17.50%	0.657%
54	14.145	1088	1090	1092	rVV	349651	434637	7.08%	0.266%
55	14.557	1123	1126	1128	rBV	888598	1530497	24.91%	0.935%
56	14.602	1128	1130	1132	rVV2	445215	765061	12.45%	0.468%
57	14.682	1135	1137	1142	rVB2	484259	1082232	17.62%	0.661%
58	14.797	1142	1147	1150	rBV	2981938	4761355	77.51%	2.910%
59	14.911	1154	1157	1158	rBV2	393947	576907	9.39%	0.353%
60	14.945	1158	1160	1165	rVB2	471604	689463	11.22%	0.421%
61	15.151	1174	1178	1181	rBV	3289612	6142947	100.00%	3.755%
62	15.242	1183	1186	1189	rVB2	309201	602557	9.81%	0.368%
63	15.300	1189	1191	1194	rBV	554092	850888	13.85%	0.520%
64	15.460	1202	1205	1208	rVB	1837108	2575137	41.92%	1.574%
65	15.540	1209	1212	1215	rBV2	413326	946430	15.41%	0.578%
66	15.677	1220	1224	1225	rBV	514007	1121646	18.26%	0.686%
67	15.871	1238	1241	1244	rBV2	755183	1233987	20.09%	0.754%
68	16.008	1251	1253	1256	rVV	666575	930511	15.15%	0.569%
69	16.054	1256	1257	1259	rVB	331345	449736	7.32%	0.275%
70	16.523	1296	1298	1302	rVB2	528875	925063	15.06%	0.565%
71	16.660	1308	1310	1312	rBV2	464522	900013	14.65%	0.550%

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72	16.705	1312	1314	1315	rVV2	463541	694335	11.30%	0.424%
73	16.831	1322	1325	1328	rBV2	352248	546662	8.90%	0.334%
74	16.957	1334	1336	1339	rBV3	390339	996903	16.23%	0.609%
75	17.025	1339	1342	1343	rVV	2201171	4172002	67.92%	2.550%
76	17.071	1343	1346	1348	rVV	2280533	3777586	61.49%	2.309%
77	17.151	1351	1353	1356	rVB3	269171	455891	7.42%	0.279%
78	17.231	1358	1360	1362	rBV	473067	532632	8.67%	0.326%
79	17.506	1382	1384	1385	rBV	290760	430783	7.01%	0.263%
80	17.551	1385	1388	1390	rVV	1212664	1994651	32.47%	1.219%
81	17.586	1390	1391	1393	rVV	600383	839179	13.66%	0.513%
82	17.631	1393	1395	1396	rVV2	373041	608363	9.90%	0.372%
83	17.666	1396	1398	1399	rVV	545552	717377	11.68%	0.438%
84	17.700	1399	1401	1404	rVV2	501255	1087283	17.70%	0.665%
85	17.780	1406	1408	1413	rVB3	499129	998684	16.26%	0.610%
86	18.123	1434	1438	1441	rBV3	431197	874597	14.24%	0.535%
87	18.294	1449	1453	1457	rBV	2349527	5312392	86.48%	3.247%
88	18.386	1459	1461	1464	rVV	722621	711240	11.58%	0.435%
89	18.454	1464	1467	1470	rVV2	1239480	2254682	36.70%	1.378%
90	18.557	1474	1476	1479	rVV	1986129	2600894	42.34%	1.590%
91	18.614	1479	1481	1484	rVV2	2330186	3129132	50.94%	1.913%
92	18.660	1484	1485	1487	rVV	584055	930349	15.14%	0.569%
93	18.694	1487	1488	1489	rVV	628806	556775	9.06%	0.340%
94	19.140	1523	1527	1533	rVB	3115251	6020855	98.01%	3.680%
95	19.746	1577	1580	1585	rBV2	233007	681021	11.09%	0.416%
96	19.906	1591	1594	1598	rBV	1117606	2198723	35.79%	1.344%
97	19.997	1598	1602	1604	rBV2	203103	529387	8.62%	0.324%
98	20.054	1604	1607	1609	rVV	229960	482770	7.86%	0.295%
99	20.272	1622	1626	1630	rBV	963923	1859061	30.26%	1.136%
100	20.466	1641	1643	1650	rVB2	198605	473771	7.71%	0.290%

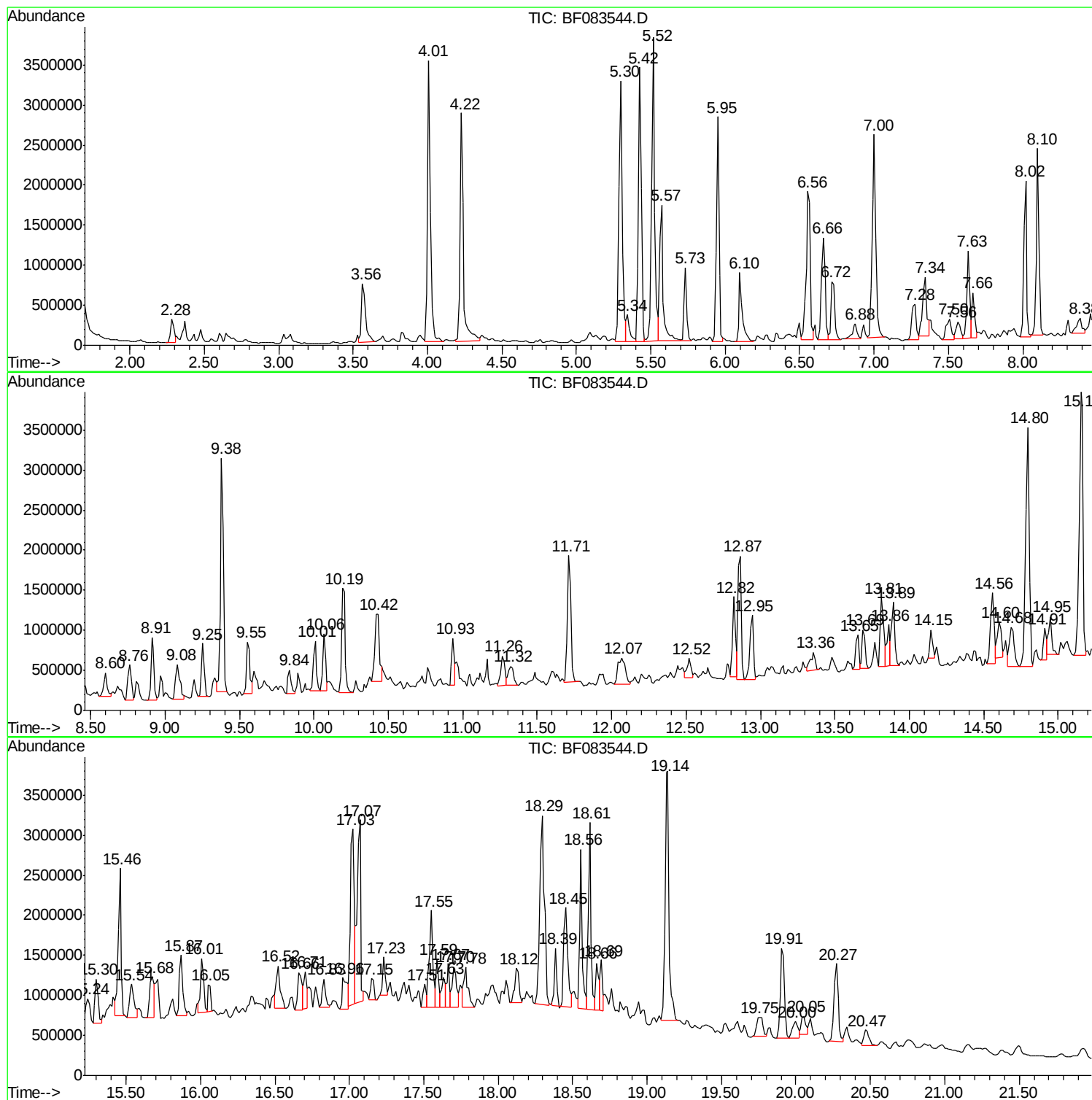
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Instrument :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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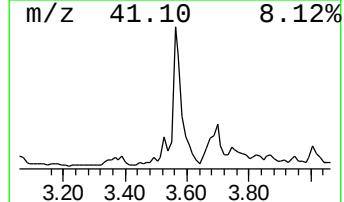
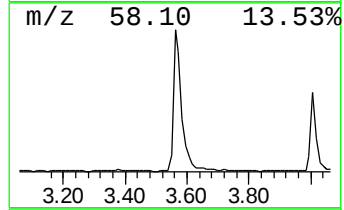
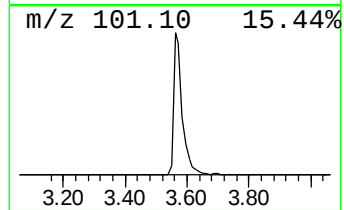
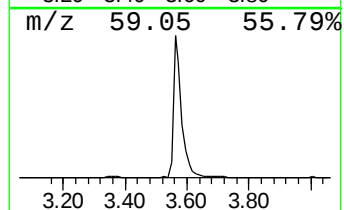
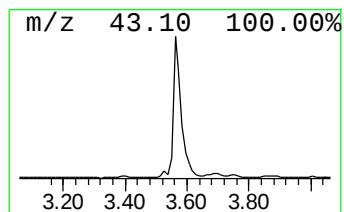
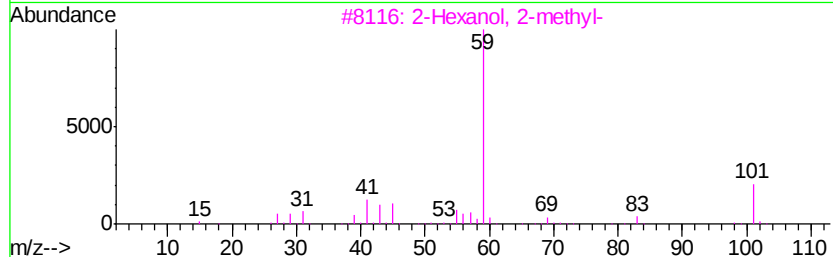
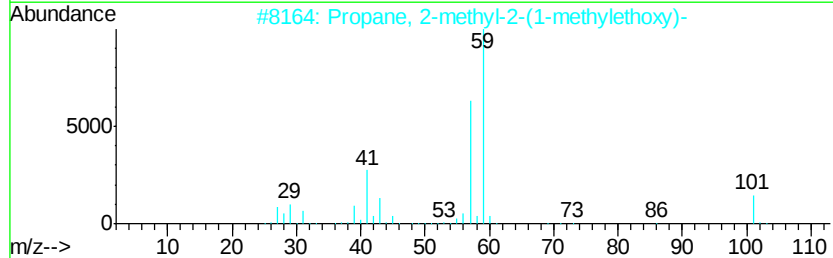
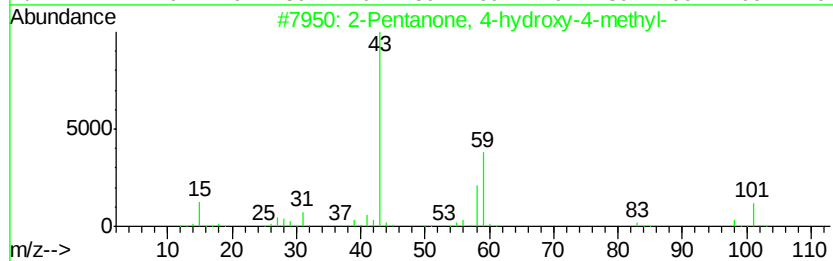
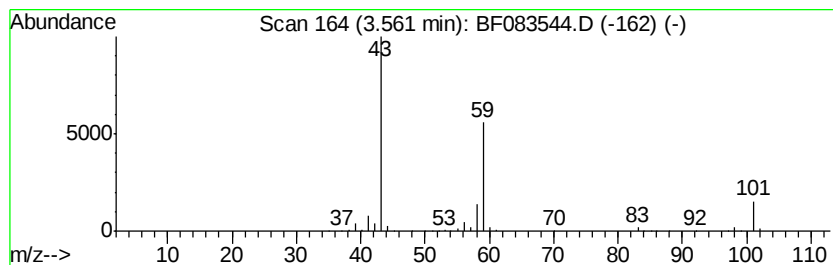
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.56	26.27 ng	1391530	1,4-Dichlorobenzene-d4	5.73

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
3			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	40
4			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



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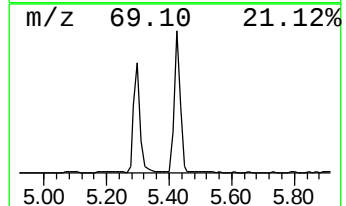
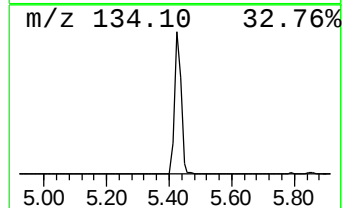
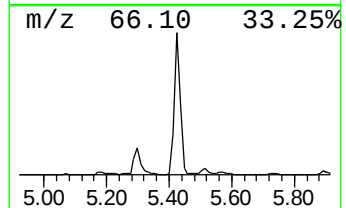
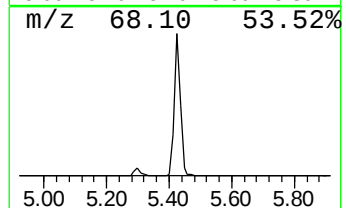
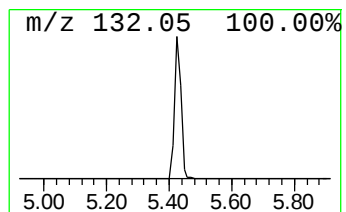
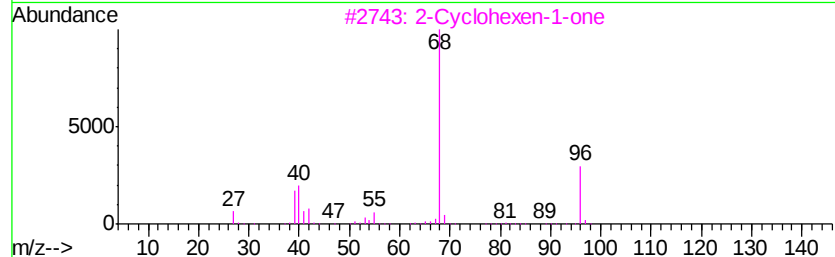
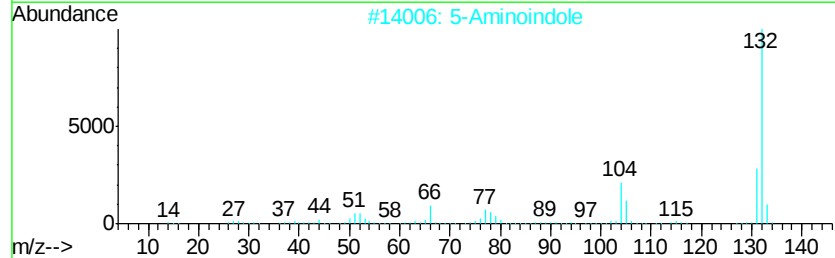
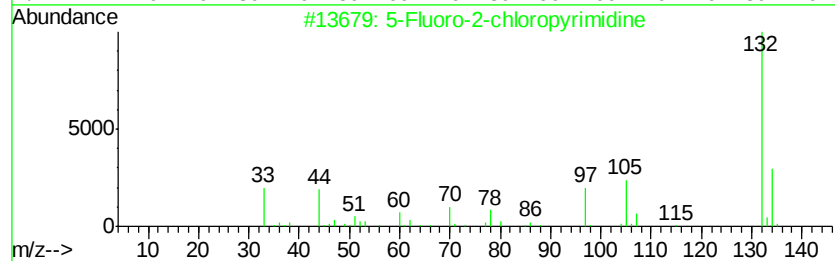
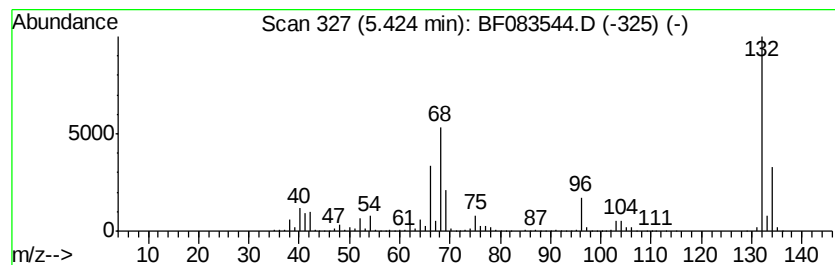
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown5.42 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.42	83.48 ng	4422100	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	27
2		5-Aminoindole	132	C8H8N2	005192-03-0	22
3		2-Cyclohexen-1-one	96	C6H8O	000930-68-7	11
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10



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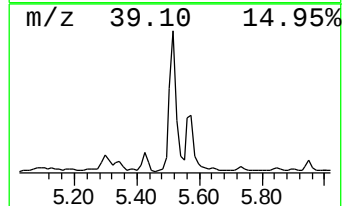
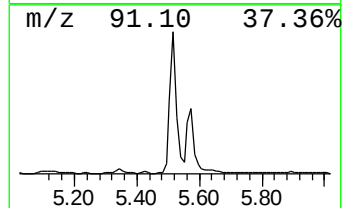
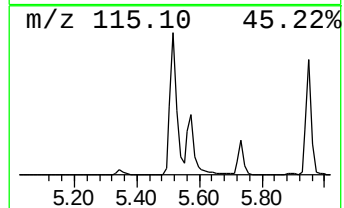
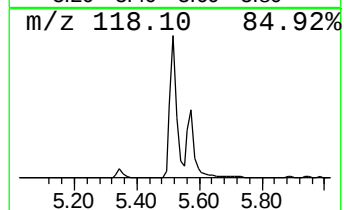
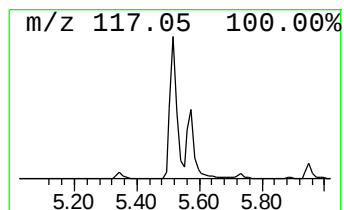
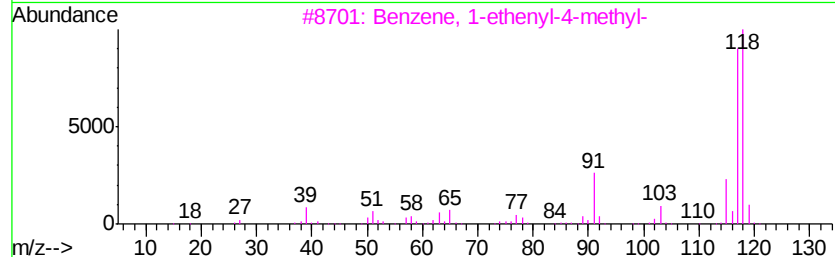
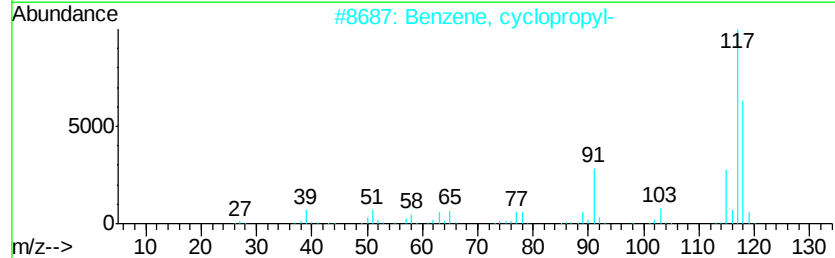
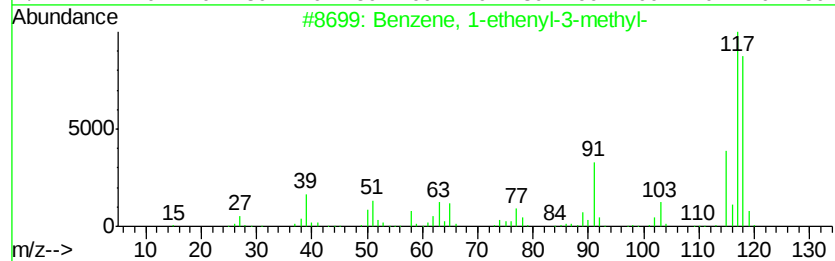
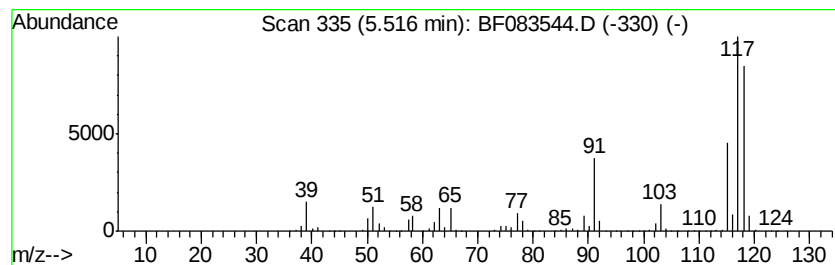
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1-ethenyl-3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.52	109.70 ng	5811190	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, cyclopropyl-	118	C9H10	000873-49-4	94
3		Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	93
4		Benzene, 1-propenyl-	118	C9H10	000637-50-3	93
5		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120615\
Data File : BF083544.D
Acq On : 7 Dec 2015 5:49
Operator : UM/IZ
Sample : G4594-01
Misc :
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Instrument :
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ClientSampleId :
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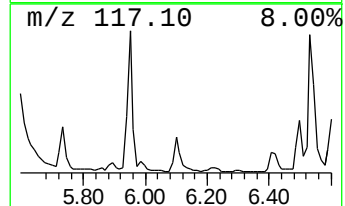
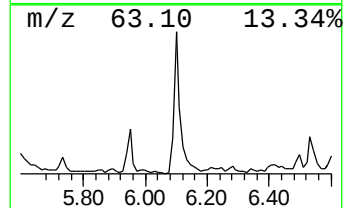
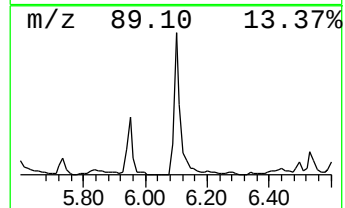
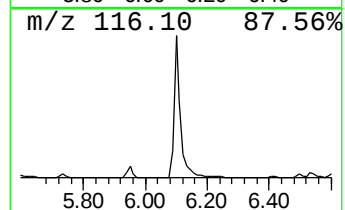
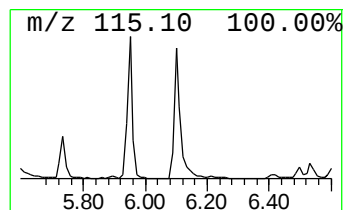
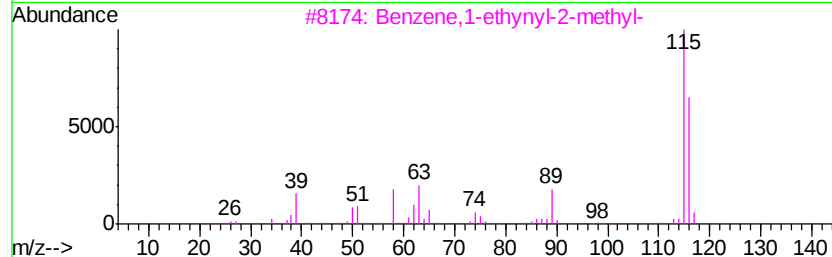
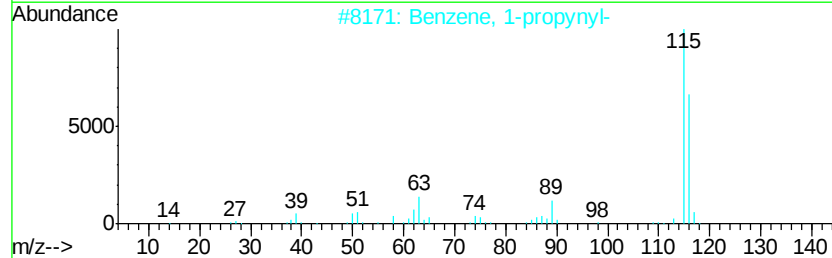
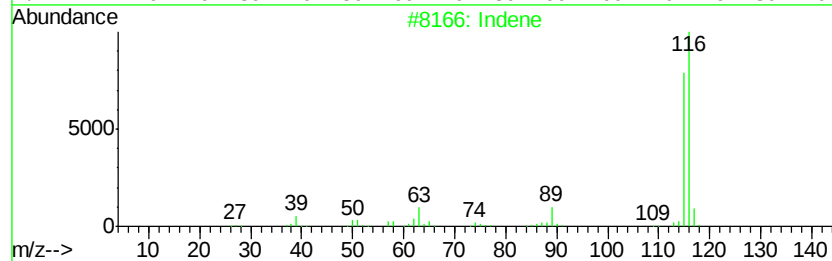
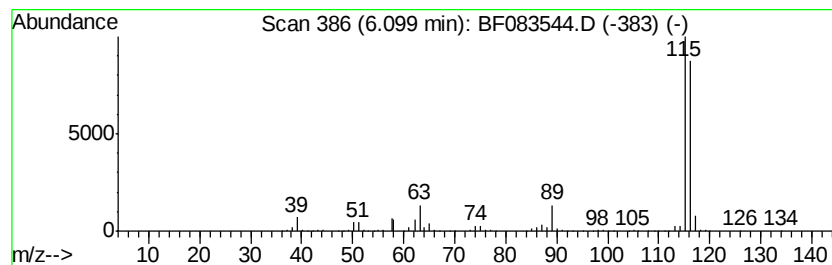
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Indene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.10	26.73 ng	1416230	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, 1,2-propadienyl-		116	C9H8	002327-99-3	91
5	Benzene, 1-ethynyl-4-methyl-		116	C9H8	000766-97-2	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120615\
Data File : BF083544.D
Acq On : 7 Dec 2015 5:49
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ClientSampleId :
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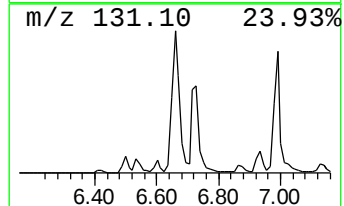
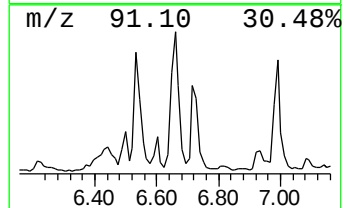
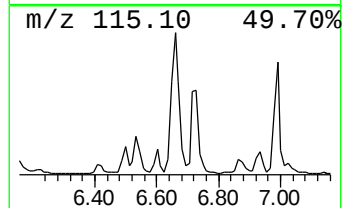
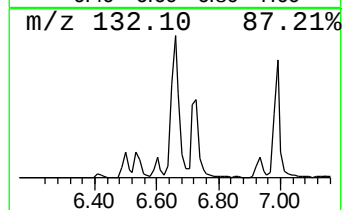
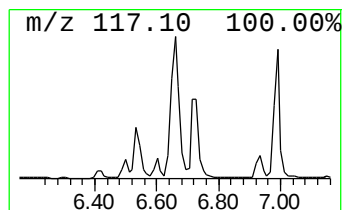
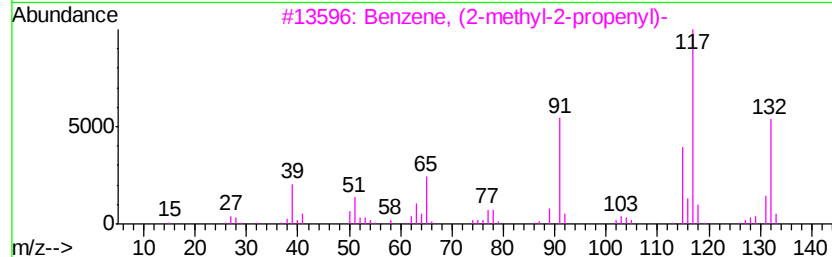
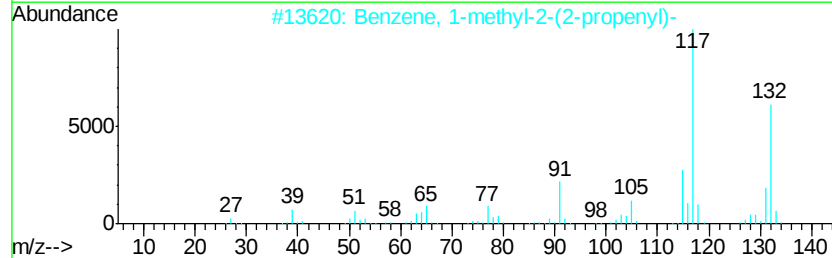
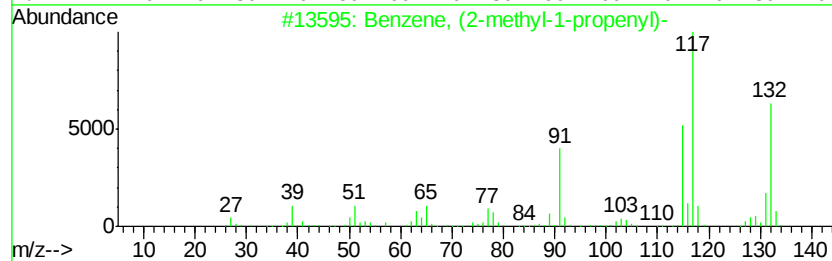
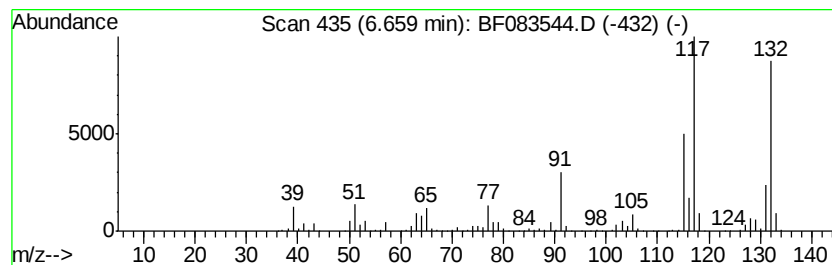
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzene, (2-methyl-1-propen... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	42.49 ng	2250610	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	96	
2	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	95	
3	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	95	
4	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	95	
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	94	



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120615\
Data File : BF083544.D
Acq On : 7 Dec 2015 5:49
Operator : UM/IZ
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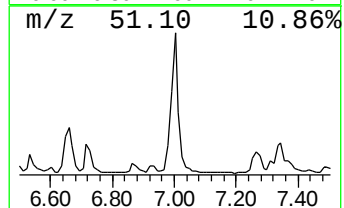
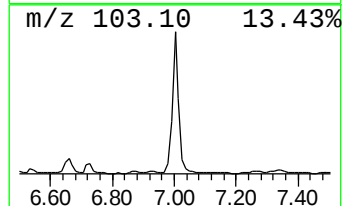
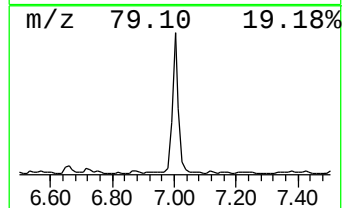
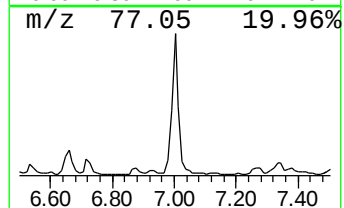
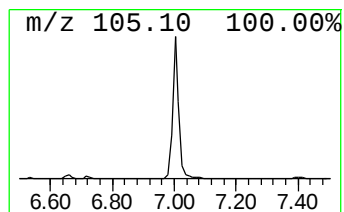
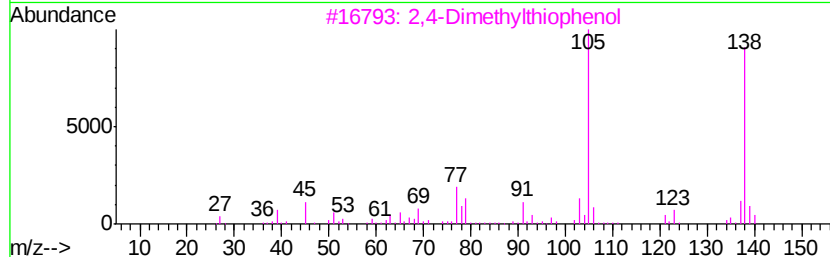
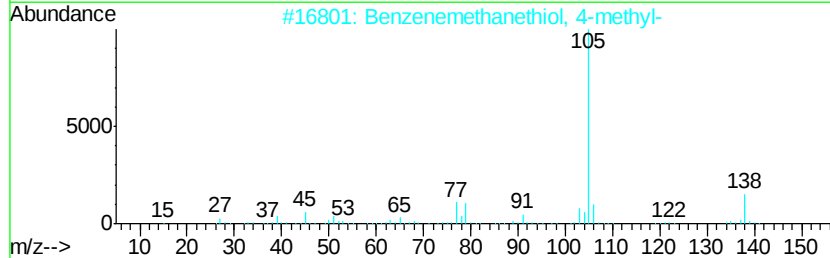
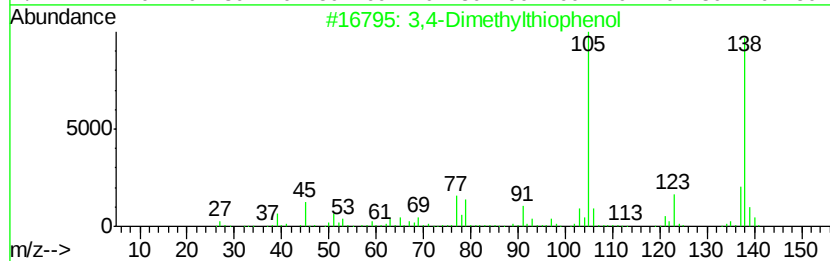
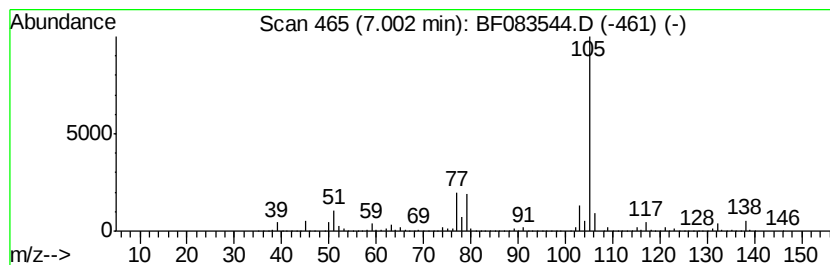
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 3,4-Dimethylthiophenol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.00	53.60 ng	4490700	Napthalene-d8	7.63

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethylthiophenol		138	C8H10S	018800-53-8	72
2	Benzenemethanethiol, 4-methyl-		138	C8H10S	004498-99-1	72
3	2,4-Dimethylthiophenol		138	C8H10S	013616-82-5	72
4	Benzene, (1-bromoethyl)-		184	C8H9Br	000585-71-7	59
5	Benzene, (1-nitroethyl)-		151	C8H9NO2	007214-61-1	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120615\
Data File : BF083544.D
Acq On : 7 Dec 2015 5:49
Operator : UM/IZ
Sample : G4594-01
Misc :
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ClientSampleId :
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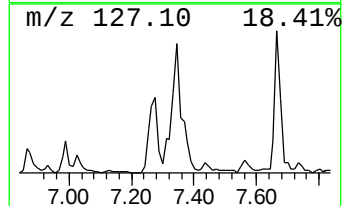
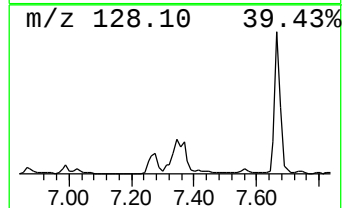
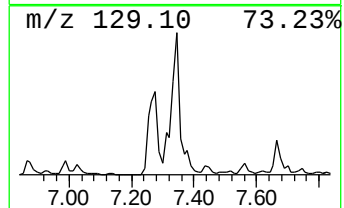
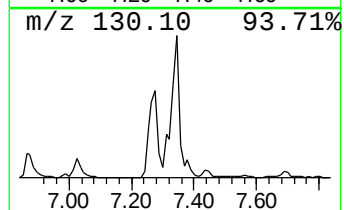
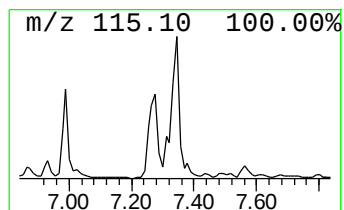
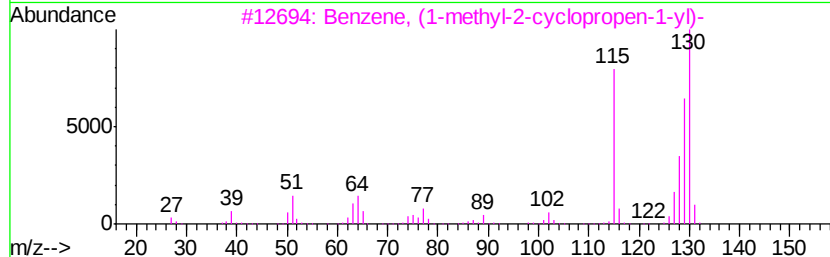
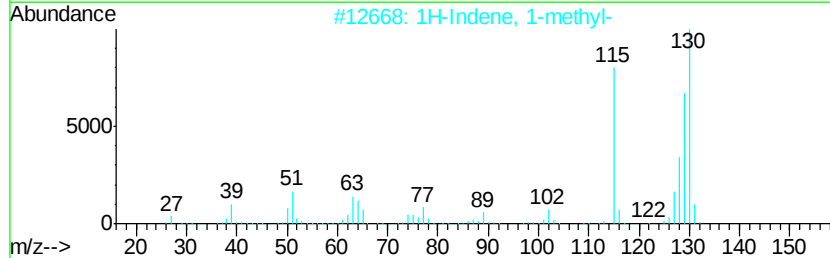
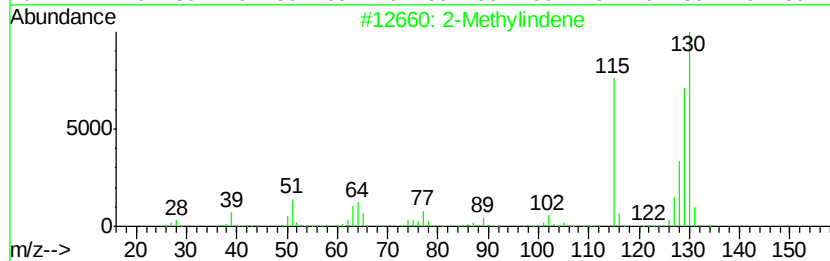
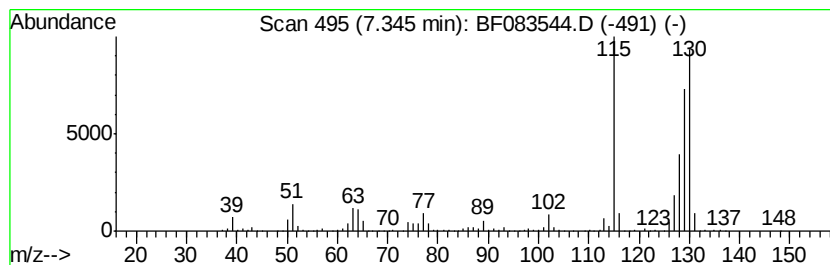
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 2-Methylindene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.34	16.68 ng	1397920	Naphthalene-d8	7.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Methylindene	130	C10H10	002177-47-1	97
2		1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
3		Benzene, (1-methyl-2-cyclopropen-1-yl)-	130	C10H10	065051-83-4	95
4		Benzene, 1-butynyl-	130	C10H10	000622-76-4	94
5		Benzene, 1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120615\
Data File : BF083544.D
Acq On : 7 Dec 2015 5:49
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Misc :
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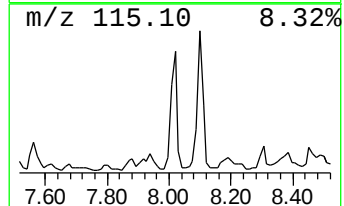
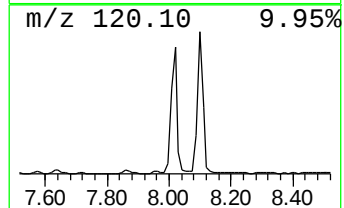
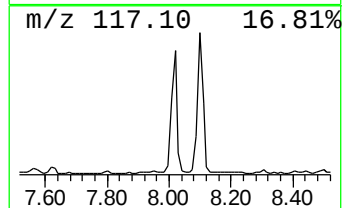
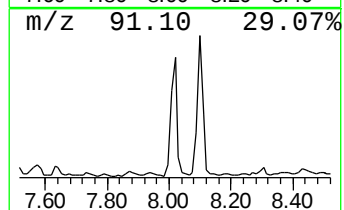
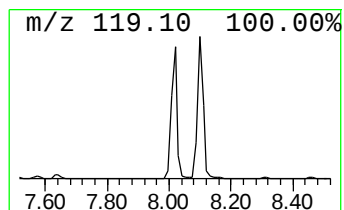
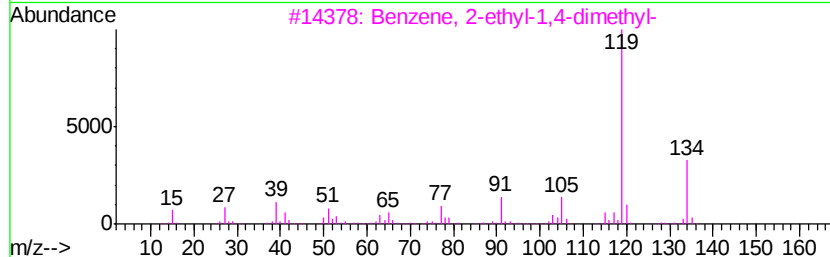
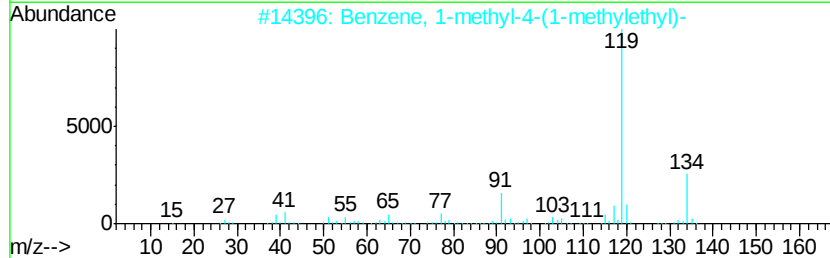
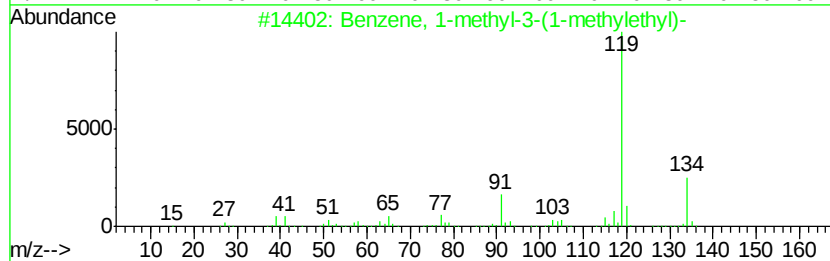
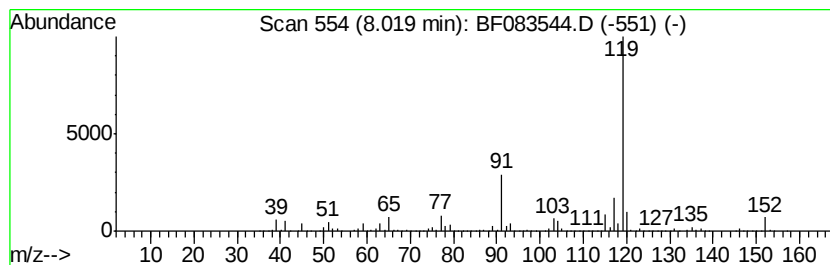
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzene, 1-methyl-3-(1-meth... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.02	31.99 ng	2679840	Naphthalene-d8	7.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	83
2		Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	80
3		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	72
4		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	72
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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Acq On : 7 Dec 2015 5:49
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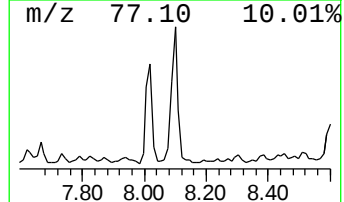
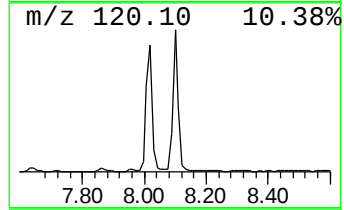
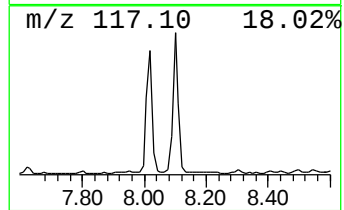
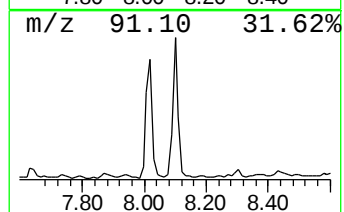
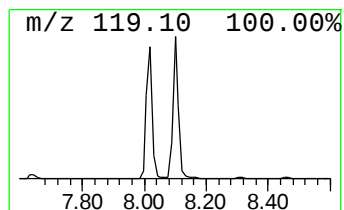
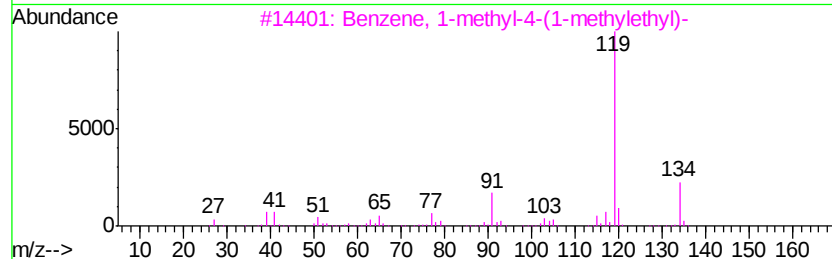
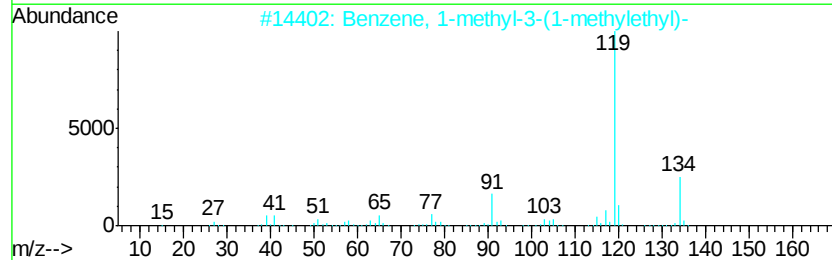
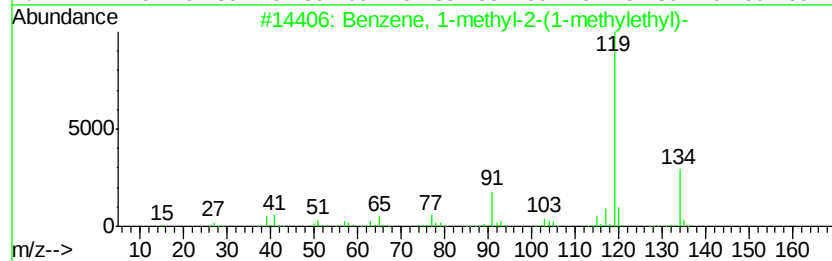
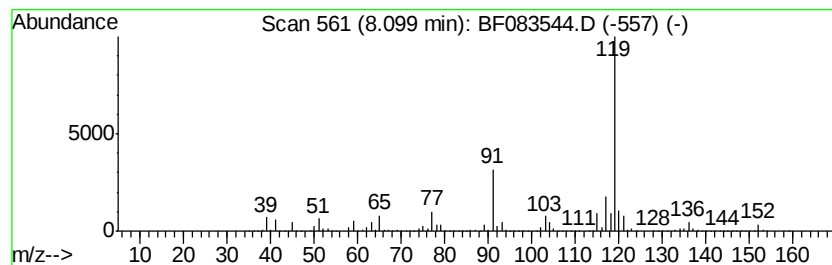
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benzene, 1-methyl-2-(1-meth... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.10	36.63 ng	3069340	Naphthalene-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-3-(1-methyleth...	134	C10H14	000535-77-3	83
3		Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	81
4		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	72
5		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120615\
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Acq On : 7 Dec 2015 5:49
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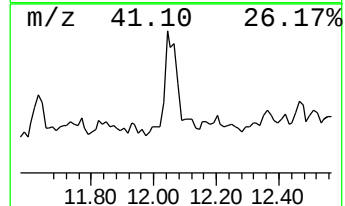
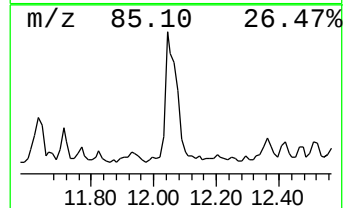
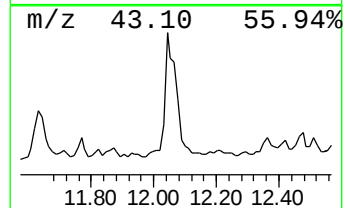
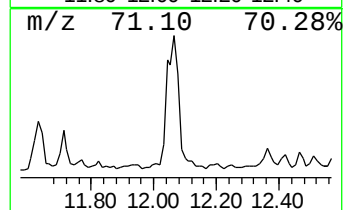
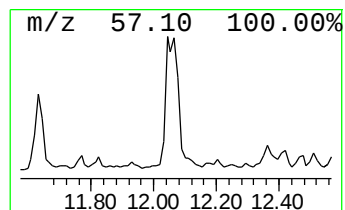
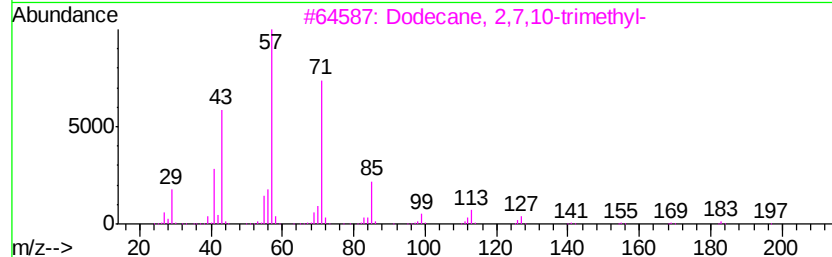
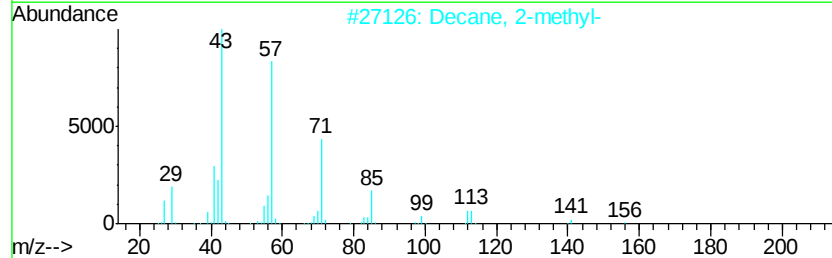
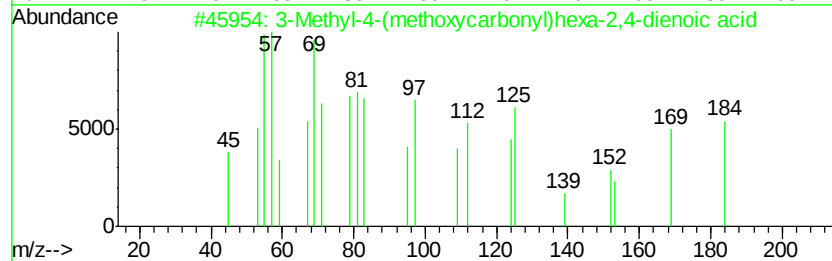
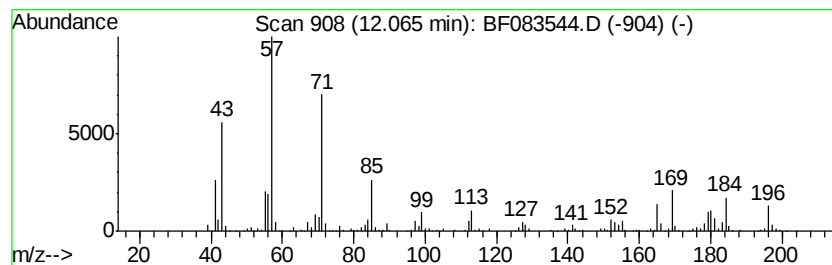
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 3-Methyl-4-(methoxycarbonyl... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	15.21 ng	1112570	Phenanthrene-d10	12.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1000104-10-8	60
2		Decane, 2-methyl-	156	C11H24	006975-98-0	45
3		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	43
4		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	43
5		2,6-Dimethyldecane	170	C12H26	013150-81-7	41



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120615\
Data File : BF083544.D
Acq On : 7 Dec 2015 5:49
Operator : UM/IZ
Sample : G4594-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
K204-0-2

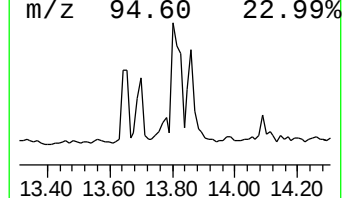
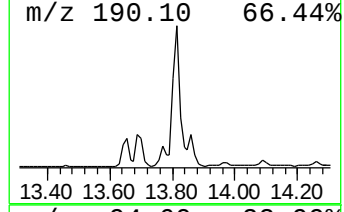
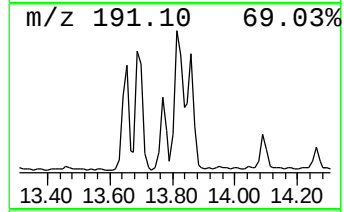
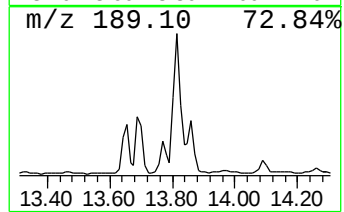
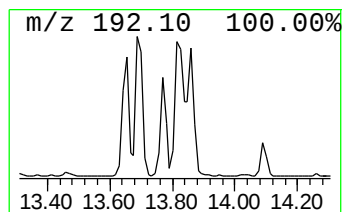
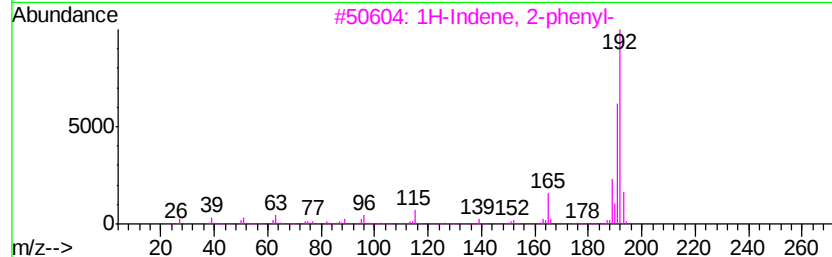
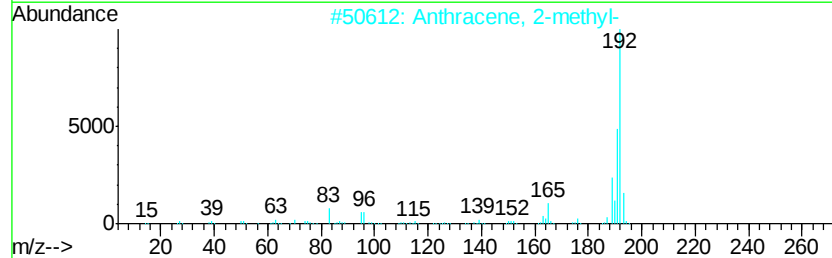
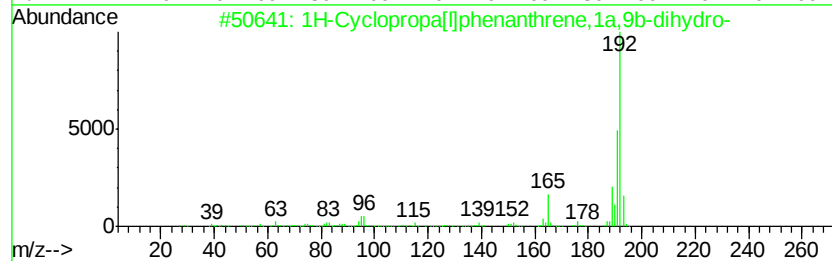
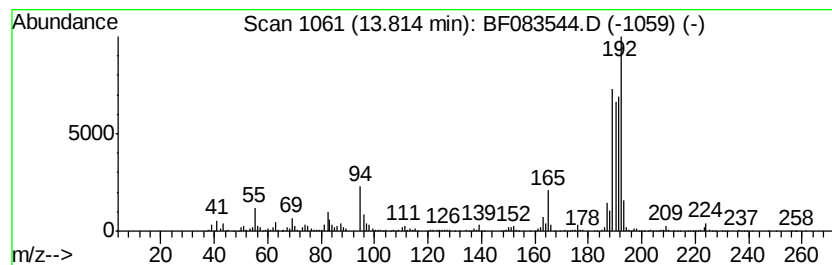
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 1H-Cyclopropa[l]phenanthren... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	18.98 ng	1388660	Phenanthrene-d10	12.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	91
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
3		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	60
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	60
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	55



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120615\
Data File : BF083544.D
Acq On : 7 Dec 2015 5:49
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Misc :
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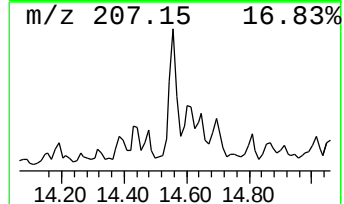
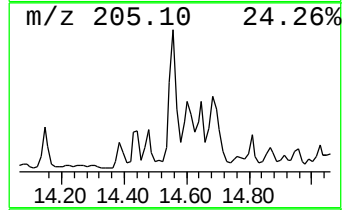
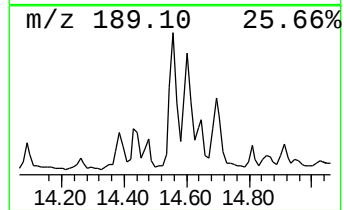
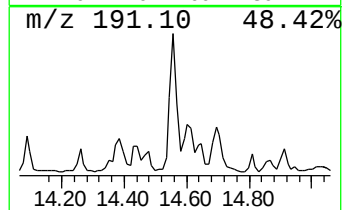
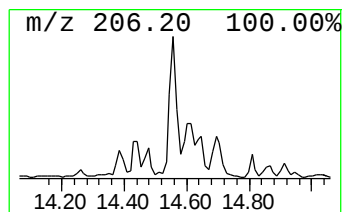
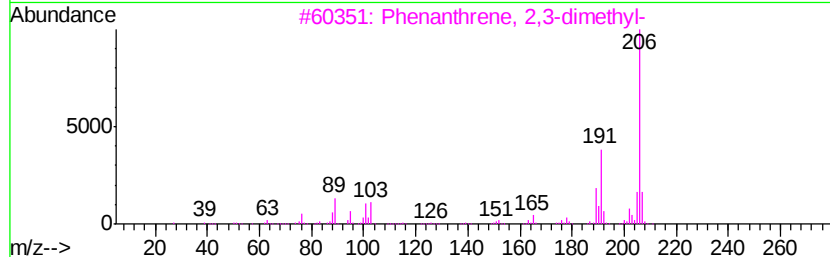
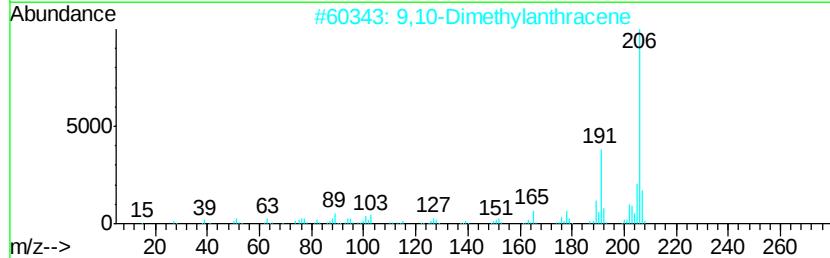
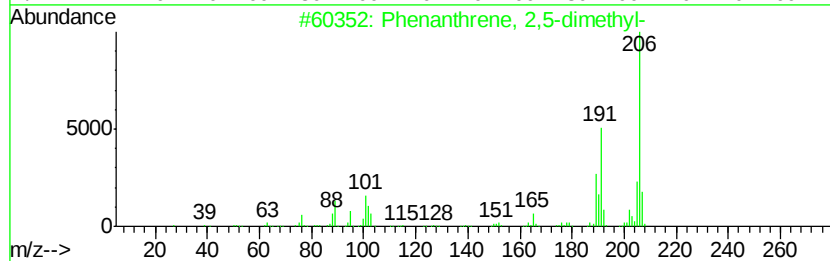
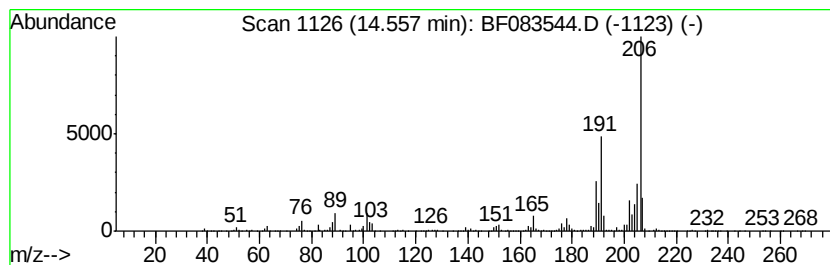
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Phenanthrene, 2,5-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	20.92 ng	1530500	Phenanthrene-d10	12.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	98
2		9,10-Dimethylantracene	206	C16H14	000781-43-1	96
3		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
5		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120615\
Data File : BF083544.D
Acq On : 7 Dec 2015 5:49
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Sample : G4594-01
Misc :
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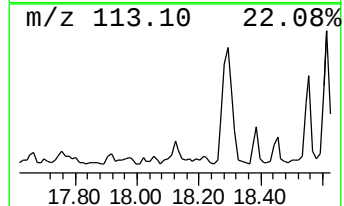
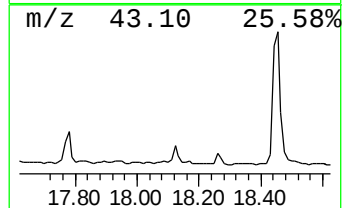
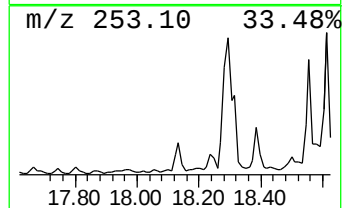
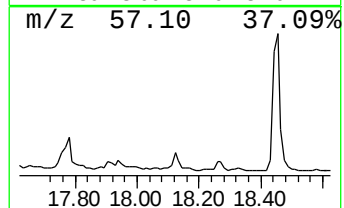
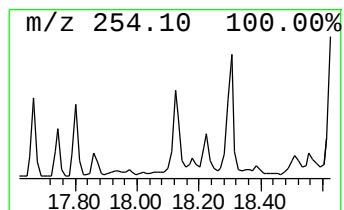
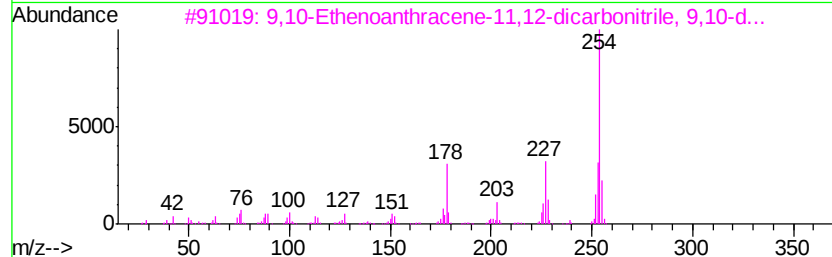
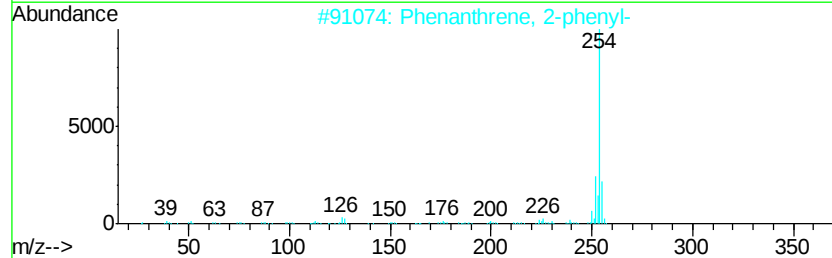
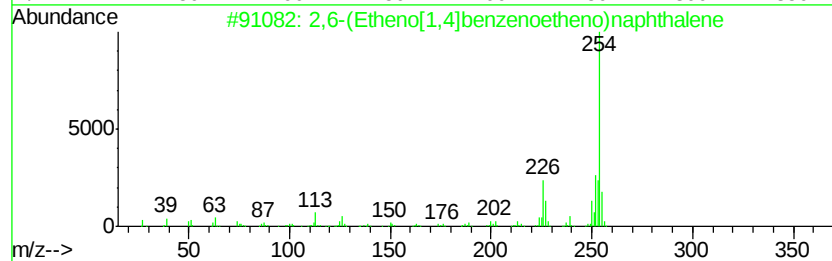
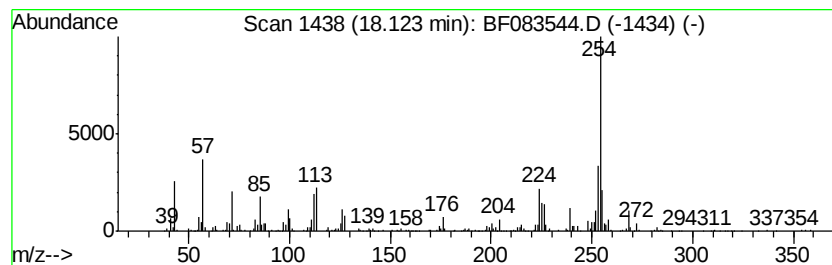
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 2,6-(Etheno[1,4]benzenoethe... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.12	18.80 ng	874597	Perylene-d12	18.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,6-(Etheno[1,4]benzenoetheno)na...	254	C20H14	117054-70-3	58
2		Phenanthrene, 2-phenyl-	254	C20H14	004325-77-3	52
3		9,10-Ethenoanthracene-11,12-dica...	254	C18H10N2	019067-49-3	52
4		9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	50
5		1H-Pyrazole, 3-(4-chlorophenyl)-...	254	C15H11ClN2	033064-19-6	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120615\
Data File : BF083544.D
Acq On : 7 Dec 2015 5:49
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Misc :
ALS Vial : 18 Sample Multiplier: 1

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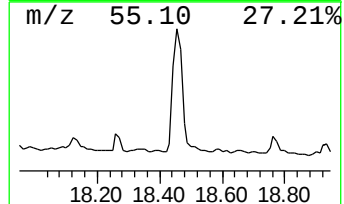
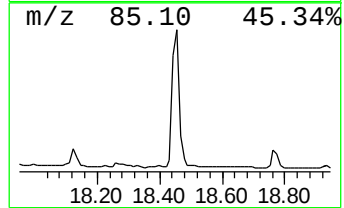
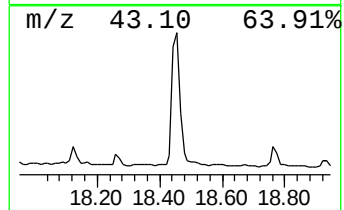
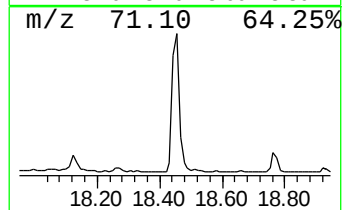
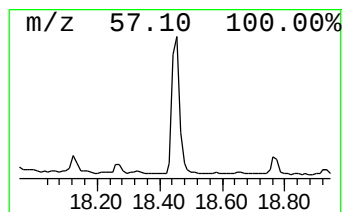
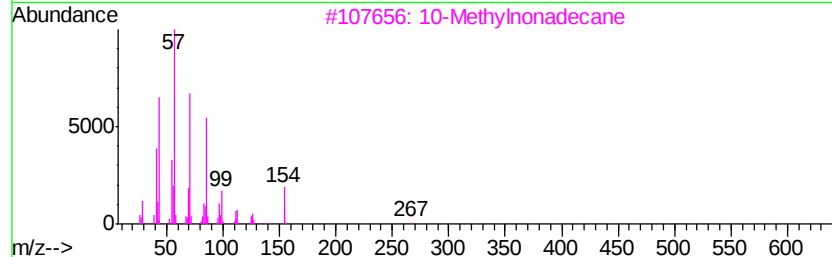
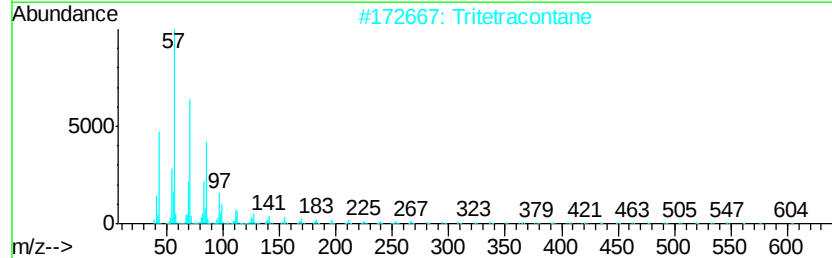
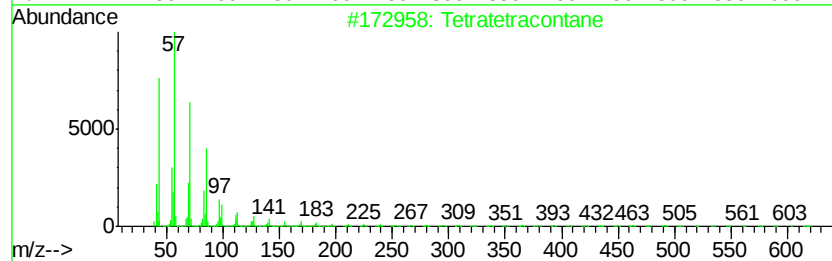
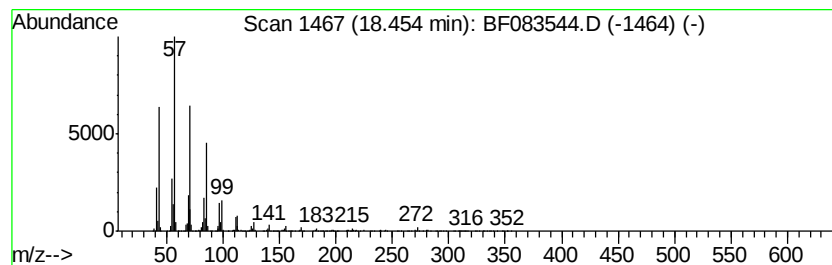
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Tetratetracontane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.45	48.47 ng	2254680	Perylene-d12	18.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	91
2		Tritetracontane	605	C43H88	007098-21-7	91
3		10-Methylnonadecane	282	C20H42	056862-62-5	91
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
5		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120615\
Data File : BF083544.D
Acq On : 7 Dec 2015 5:49
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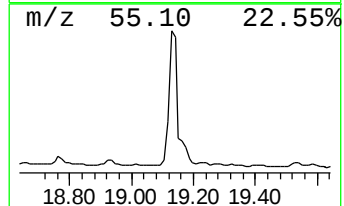
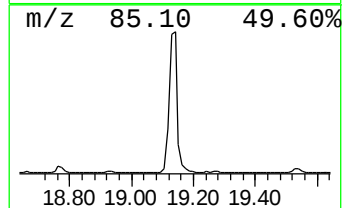
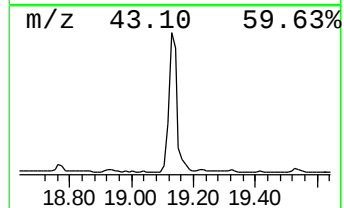
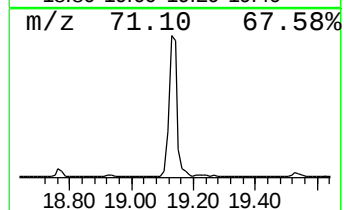
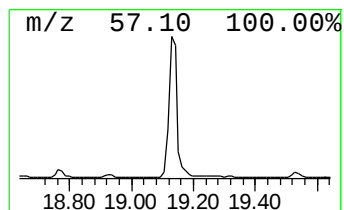
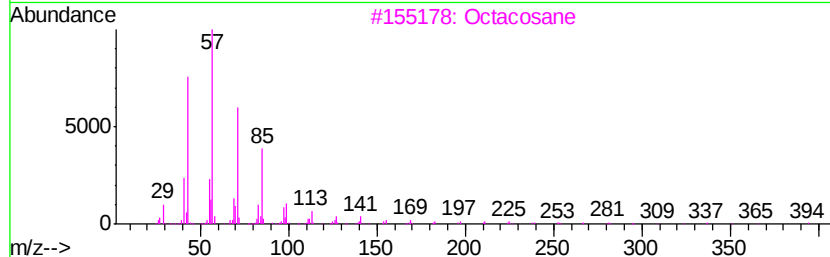
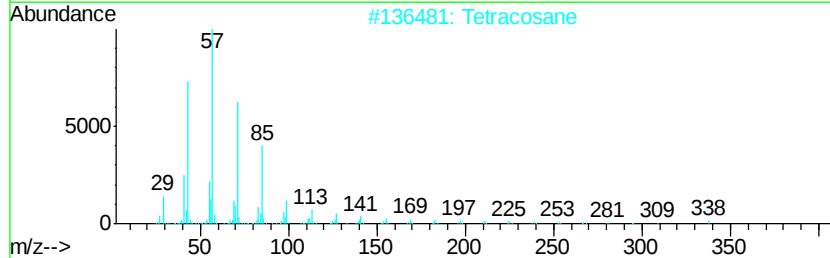
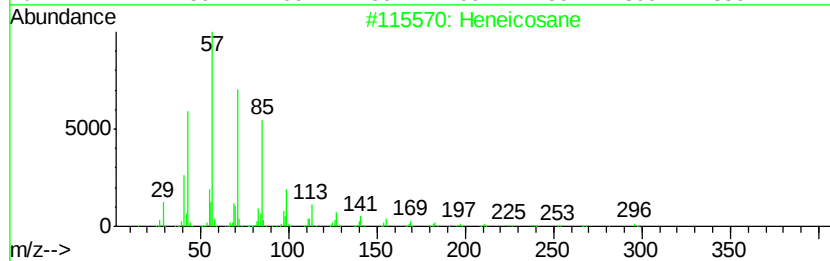
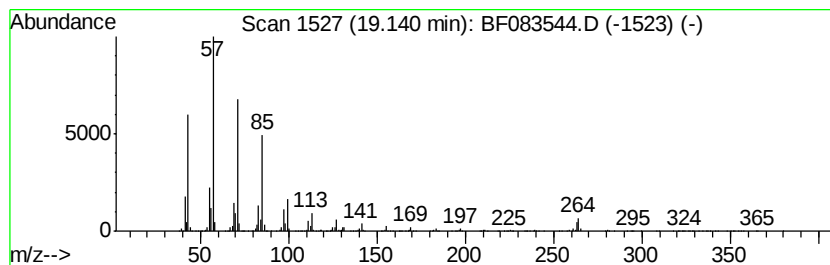
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Heneicosane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.14	129.43 ng	6020860	Perylene-d12	18.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	87
2		Tetracosane	338	C24H50	000646-31-1	87
3		Octacosane	394	C28H58	000630-02-4	87
4		Pentacosane	352	C25H52	000629-99-2	86
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120615\
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 Acq On : 7 Dec 2015 5:49
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 Sample : G4594-01
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 ALS Vial : 18 Sample Multiplier: 1

Instrument :
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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	83.5	ng	4422100	1	5.73	1059470	20.0
Benzene, 1-etheny...	5.52	109.7	ng	5811190	1	5.73	1059470	20.0
Indene	6.10	26.7	ng	1416230	1	5.73	1059470	20.0
Benzene, (2-methy...	6.66	42.5	ng	2250610	1	5.73	1059470	20.0
3,4-Dimethylthiop...	7.00	53.6	ng	4490700	2	7.63	1675670	20.0
2-Methylindene	7.34	16.7	ng	1397920	2	7.63	1675670	20.0
Benzene, 1-methyl...	8.02	32.0	ng	2679840	2	7.63	1675670	20.0
Benzene, 1-methyl...	8.10	36.6	ng	3069340	2	7.63	1675670	20.0
3-Methyl-4-(metho...	12.07	15.2	ng	1112570	4	12.82	1463220	20.0
1H-Cyclopropa[1]p...	13.81	19.0	ng	1388660	4	12.82	1463220	20.0
Phenanthrene, 2,5...	14.56	20.9	ng	1530500	4	12.82	1463220	20.0
2,6-(Etheno[1,4]b...	18.12	18.8	ng	874597	6	18.66	930349	20.0
Tetratetracontane	18.45	48.5	ng	2254680	6	18.66	930349	20.0
Heneicosane	19.14	129.4	ng	6020860	6	18.66	930349	20.0