

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120615\
 Data File : BF083548.D
 Acq On : 7 Dec 2015 7:48
 Operator : UM/IZ
 Sample : G4594-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 K204-6-8

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	48	52	56	rBV	1086713	2182059	14.18%	0.612%
2	2.361	56	59	62	rVV	1446712	2537436	16.49%	0.711%
3	2.464	66	68	71	rVV	892081	1224604	7.96%	0.343%
4	2.590	77	79	82	rVV	395600	711994	4.63%	0.200%
5	3.070	119	121	128	rVB2	443649	801739	5.21%	0.225%
6	3.573	163	165	178	rVB	886223	2205457	14.34%	0.618%
7	4.019	201	204	213	rVB	3936527	5916645	38.46%	1.659%
8	4.236	219	223	233	rBV	5247619	9823597	63.86%	2.755%
9	4.727	264	266	270	rBV2	503689	891308	5.79%	0.250%
10	4.990	283	289	292	rBV4	236669	708672	4.61%	0.199%
11	5.082	292	297	299	rBV3	636069	1782230	11.59%	0.500%
12	5.127	299	301	304	rVB	727418	1092193	7.10%	0.306%
13	5.310	313	317	319	rBV	4604101	8049391	52.32%	2.257%
14	5.356	319	321	325	rVB2	672350	1187599	7.72%	0.333%
15	5.436	325	328	331	rVB	4166028	5571705	36.22%	1.562%
16	5.539	331	337	339	rBV	6997047	14669449	95.36%	4.113%
17	5.584	339	341	346	rVB	4450275	6347451	41.26%	1.780%
18	5.745	352	355	357	rBV2	712643	1182760	7.69%	0.332%
19	5.790	357	359	363	rVB2	728450	1281386	8.33%	0.359%
20	5.962	371	374	375	rBV	3284023	4973834	32.33%	1.395%
21	5.985	375	376	381	rVB2	1660462	2569256	16.70%	0.720%
22	6.110	384	387	392	rBV	3365521	6199504	40.30%	1.738%
23	6.225	395	397	400	rVB2	785866	1294236	8.41%	0.363%
24	6.293	400	403	406	rBV2	661385	959693	6.24%	0.269%
25	6.430	411	415	419	rBV3	585522	1838189	11.95%	0.515%
26	6.510	419	422	423	rBV2	742655	1065368	6.93%	0.299%
27	6.567	423	427	429	rVB3	2223042	5532783	35.97%	1.551%
28	6.602	429	430	432	rVB	848271	1086385	7.06%	0.305%
29	6.670	432	436	439	rBV	2534742	5548932	36.07%	1.556%
30	6.739	439	442	445	rVB3	1776683	3279826	21.32%	0.920%
31	6.842	448	451	453	rBV4	594495	1107356	7.20%	0.310%
32	6.922	453	458	459	rBV3	622848	1922307	12.50%	0.539%
33	6.956	459	461	463	rVB2	1092580	1510840	9.82%	0.424%
34	7.025	463	467	470	rBV2	5158448	10584276	68.80%	2.968%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.093	470	473	477	rVB4	1662165	3066523	19.93%	0.860%
36	7.162	477	479	482	rVB2	1123096	1630507	10.60%	0.457%
37	7.265	483	488	489	rBV2	1696381	4220800	27.44%	1.183%
38	7.288	489	490	492	rVB2	1720809	1604544	10.43%	0.450%
39	7.356	492	496	498	rVB2	3091645	5516251	35.86%	1.547%
40	7.413	498	501	502	rBV4	511229	923837	6.01%	0.259%
41	7.505	506	509	511	rBV2	596111	1358653	8.83%	0.381%
42	7.642	517	521	525	rBV4	2007820	6117999	39.77%	1.715%
43	7.745	527	530	534	rVB4	1680213	3411069	22.17%	0.956%
44	7.848	534	539	542	rBV2	2817869	6184190	40.20%	1.734%
45	7.928	544	546	548	rVB2	801548	1134202	7.37%	0.318%
46	8.008	548	553	554	rBV4	1525451	4005962	26.04%	1.123%
47	8.042	554	556	559	rVB	4520855	5797206	37.68%	1.626%
48	8.122	559	563	565	rBV2	4941930	9415741	61.21%	2.640%
49	8.168	565	567	570	rVB2	1395546	2030204	13.20%	0.569%
50	8.259	573	575	580	rBV4	1007340	2734446	17.77%	0.767%
51	8.430	582	590	592	rBV3	3711446	9279611	60.32%	2.602%
52	8.545	598	600	604	rVB5	1158444	2838568	18.45%	0.796%
53	8.636	604	608	610	rBV4	1010281	3268946	21.25%	0.917%
54	8.716	613	615	617	rVV2	1625481	2853668	18.55%	0.800%
55	8.773	617	620	624	rVV4	1613727	4257267	27.67%	1.194%
56	8.853	626	627	631	rVV3	1133809	1830613	11.90%	0.513%
57	8.945	632	635	637	rVV2	3108935	5444930	35.39%	1.527%
58	8.991	637	639	645	rVB3	1889016	4345393	28.25%	1.218%
59	9.116	646	650	652	rVV3	1040847	2709661	17.61%	0.760%
60	9.162	652	654	656	rVV2	1522525	2364875	15.37%	0.663%
61	9.208	656	658	662	rVB3	715073	1781112	11.58%	0.499%
62	9.276	662	664	666	rBV	1162111	1685958	10.96%	0.473%
63	9.356	668	671	672	rVV3	1126249	2605277	16.94%	0.731%
64	9.402	672	675	677	rVV	5988231	9913158	64.44%	2.780%
65	9.448	677	679	681	rVB3	540499	858702	5.58%	0.241%
66	9.505	681	684	687	rBV2	870491	2124767	13.81%	0.596%
67	9.585	688	691	692	rVV	1300632	2087676	13.57%	0.585%
68	9.642	692	696	698	rVB4	2309791	4434683	28.83%	1.243%
69	9.711	698	702	704	rBV4	992836	2677205	17.40%	0.751%
70	9.756	704	706	709	rVB4	1082565	1958925	12.73%	0.549%
71	9.813	709	711	713	rBV2	613804	933114	6.07%	0.262%

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72	9.859	713	715	717	rBV3	674313	1299163	8.45%	0.364%
73	9.928	719	721	723	rVB2	1293067	1810946	11.77%	0.508%
74	9.996	723	727	729	rBV2	1566839	3607801	23.45%	1.012%
75	10.099	733	736	738	rBV4	2098089	4357571	28.33%	1.222%
76	10.156	738	741	743	rVB	5279107	8158949	53.04%	2.288%
77	10.236	746	748	751	rVB4	1371555	2036139	13.24%	0.571%
78	10.316	752	755	758	rVB4	3222794	5844352	37.99%	1.639%
79	10.419	758	764	766	rBV4	1474400	4850279	31.53%	1.360%
80	10.511	770	772	773	rBV2	700283	1002738	6.52%	0.281%
81	10.728	788	791	793	rVB2	1000740	1277599	8.30%	0.358%
82	10.831	798	800	801	rVB	1314270	1746732	11.35%	0.490%
83	10.888	802	805	806	rBV	1372543	2055857	13.36%	0.576%
84	11.002	810	815	818	rBV5	2567672	6349846	41.28%	1.780%
85	11.151	824	828	831	rBV3	988768	3092587	20.10%	0.867%
86	11.425	850	852	853	rBV2	1226311	1975567	12.84%	0.554%
87	11.619	867	869	870	rBV2	783480	1143013	7.43%	0.320%
88	11.677	870	874	876	rVV	4583998	8120520	52.79%	2.277%
89	11.745	878	880	883	rVB4	1184871	2106084	13.69%	0.591%
90	12.122	908	913	915	rBV	7241342	15383798	100.00%	4.314%
91	12.442	939	941	943	rBV2	900814	1524093	9.91%	0.427%
92	12.648	955	959	960	rBV4	839274	2278400	14.81%	0.639%
93	12.877	974	979	983	rVB3	4781938	10188027	66.23%	2.857%
94	13.437	1026	1028	1031	rBV	1354666	2172690	14.12%	0.609%
95	14.614	1129	1131	1133	rBV2	1105888	2587719	16.82%	0.726%
96	14.843	1149	1151	1153	rVB	1882899	2497154	16.23%	0.700%
97	15.197	1179	1182	1187	rVB	2059599	3738726	24.30%	1.048%
98	15.494	1206	1208	1213	rVB	1691056	3179364	20.67%	0.891%
99	18.317	1453	1455	1464	rVB2	1427922	3629079	23.59%	1.018%
100	19.632	1568	1570	1573	rVB	1088253	1576599	10.25%	0.442%

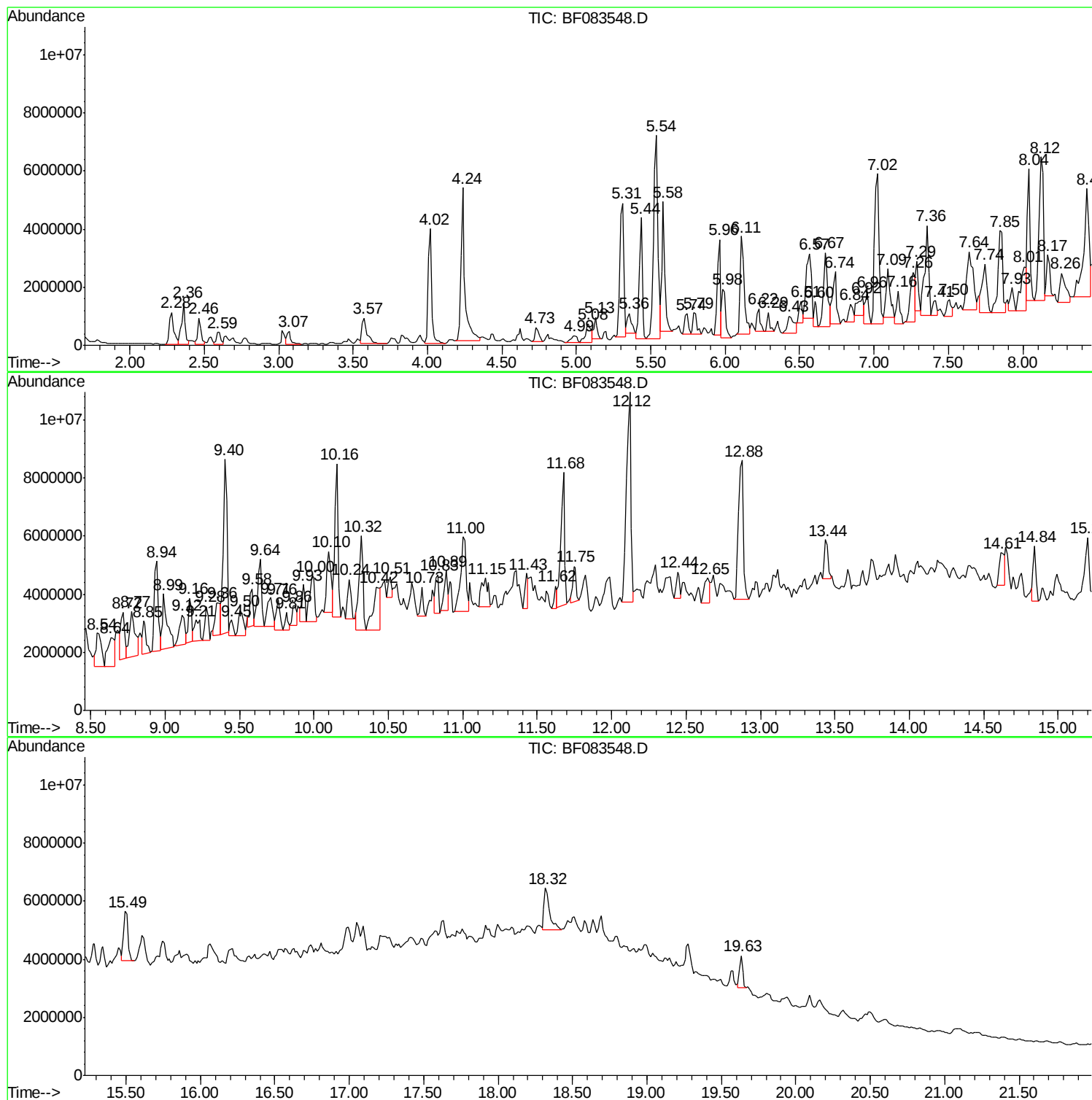
Sum of corrected areas: 356638095

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ClientSampled :
K204-6-8

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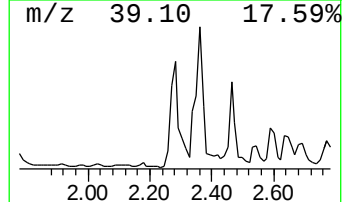
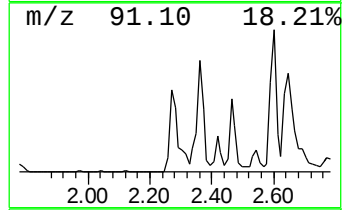
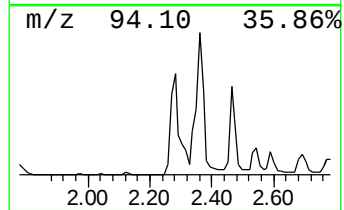
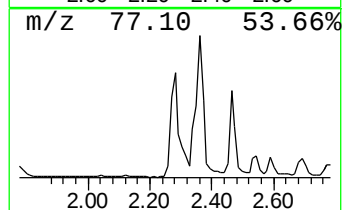
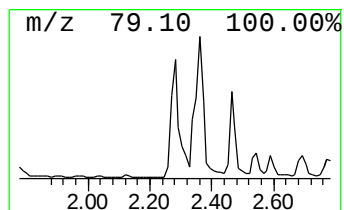
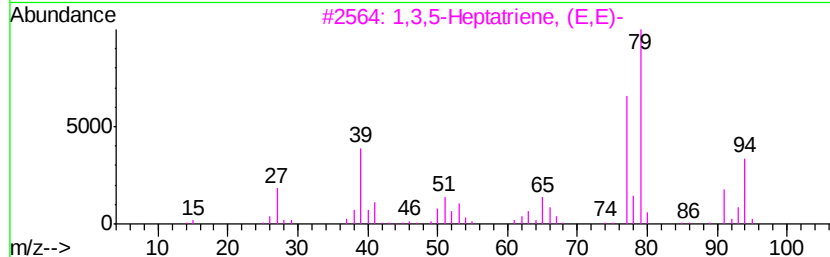
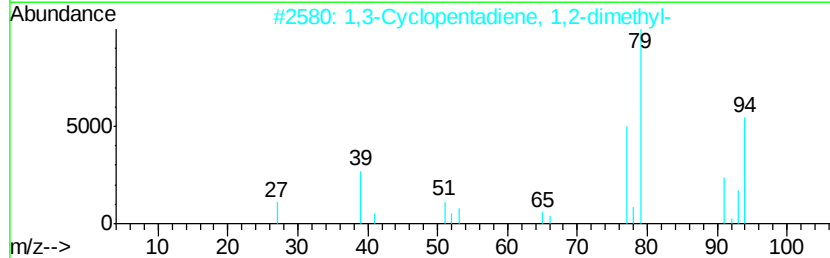
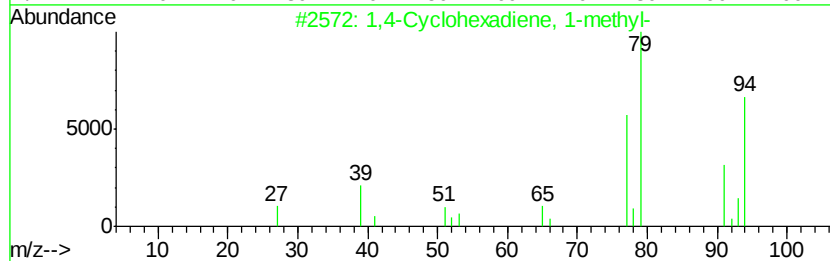
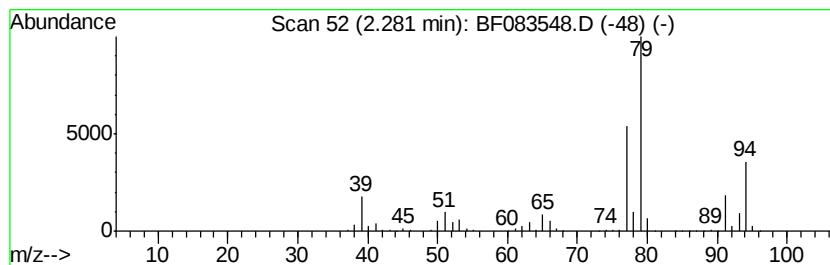
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 1,4-Cyclohexadiene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.28	36.90 ng	2182060	1,4-Dichlorobenzene-d4	5.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,4-Cyclohexadiene, 1-methyl-	94	C7H10	004313-57-9	90
2		1,3-Cyclopentadiene, 1,2-dimethyl-	94	C7H10	004784-86-5	90
3		1,3,5-Heptatriene, (E,E)-	94	C7H10	017679-93-5	90
4		Cyclopropane, (1-methyl-1,2-prop...	94	C7H10	051549-86-1	87
5		1,3,5-Hexatriene, 3-methyl-, (Z)-	94	C7H10	024587-27-7	87



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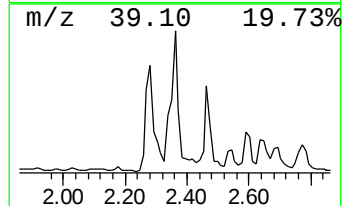
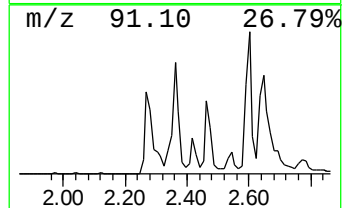
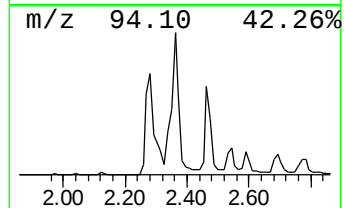
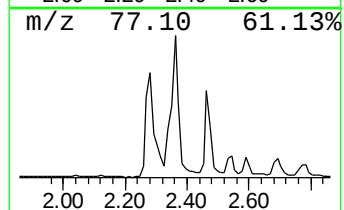
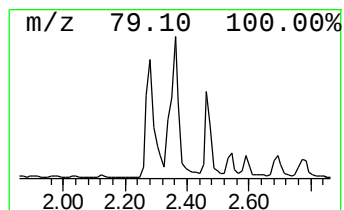
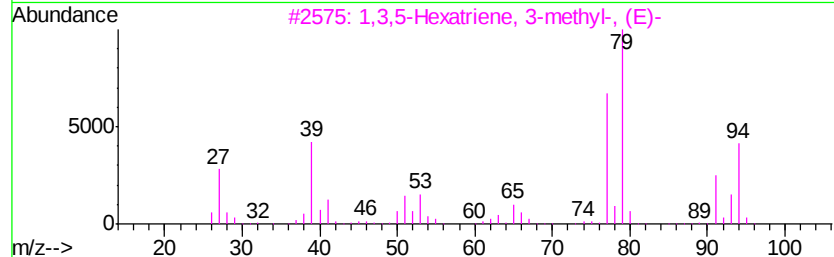
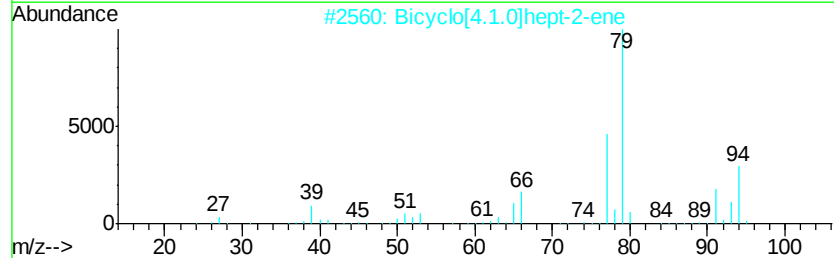
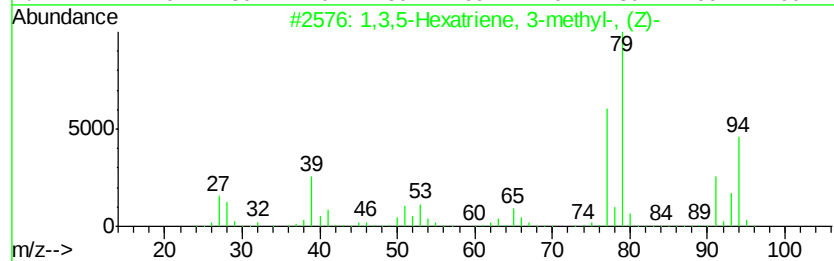
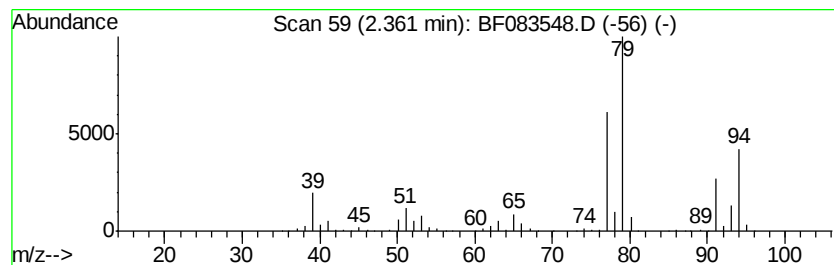
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TIC Integration Parameters: LSCINT.P

Peak Number 2 1,3,5-Hexatriene, 3-methyl-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.36	42.91 ng	2537440	1,4-Dichlorobenzene-d4	5.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3,5-Hexatriene, 3-methyl-, (Z)-	94	C7H10	024587-27-7	94
2		Bicyclo[4.1.0]hept-2-ene	94	C7H10	002566-57-6	91
3		1,3,5-Hexatriene, 3-methyl-, (E)-	94	C7H10	024587-26-6	91
4		1,4-Cyclohexadiene, 1-methyl-	94	C7H10	004313-57-9	91
5		1,3-Cyclopentadiene, 5,5-dimethyl-	94	C7H10	004125-18-2	91



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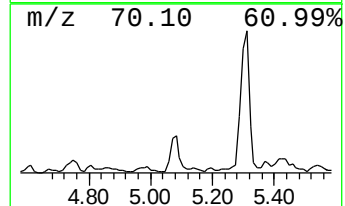
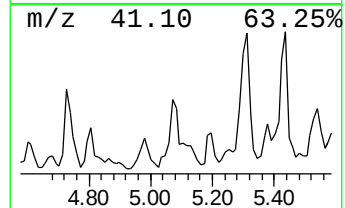
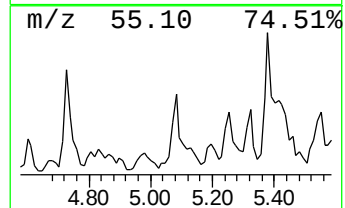
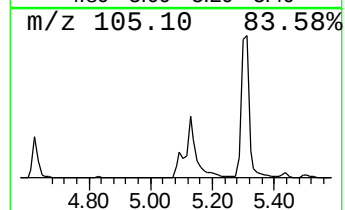
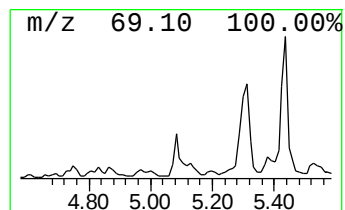
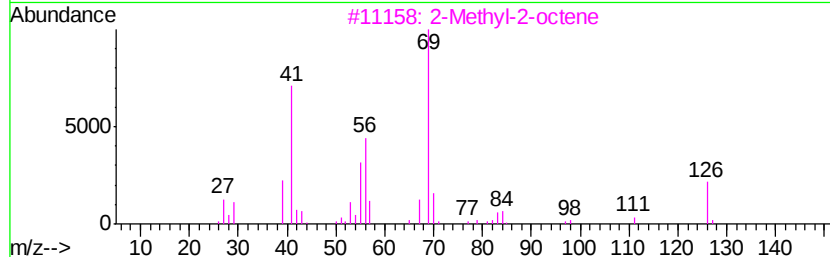
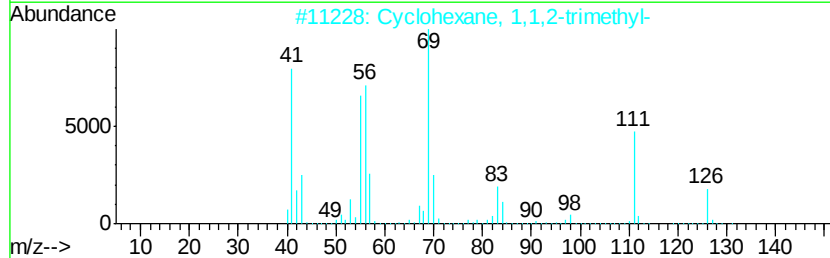
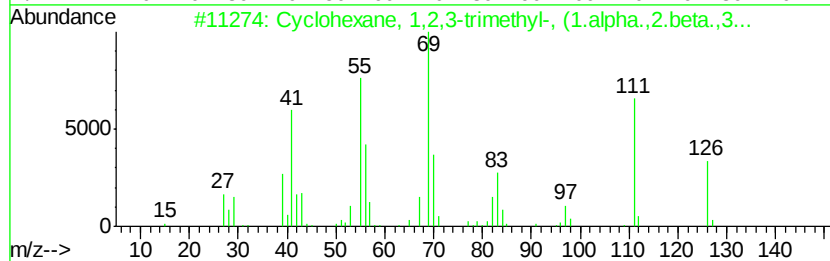
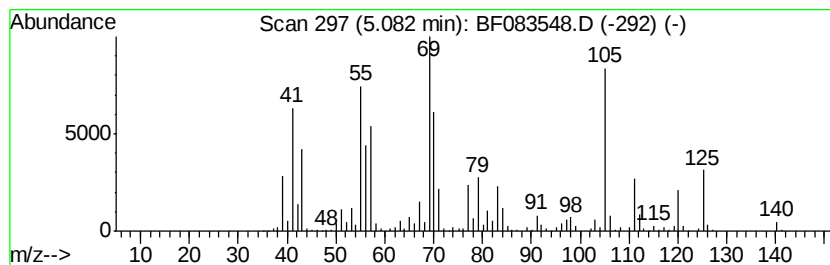
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TIC Integration Parameters: LSCINT.P

Peak Number 5 Cyclohexane, 1,2,3-trimethy... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.08	30.14 ng	1782230	1,4-Dichlorobenzene-d4	5.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,2,3-trimethyl-, (...)	126	C9H18	001678-81-5	52
2		Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	50
3		2-Methyl-2-octene	126	C9H18	016993-86-5	43
4		1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	35
5		Heptane, 4-methylene-	112	C8H16	015918-08-8	35



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Sample : G4594-05
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ClientSampleId :
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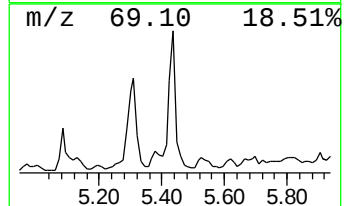
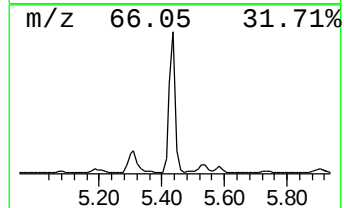
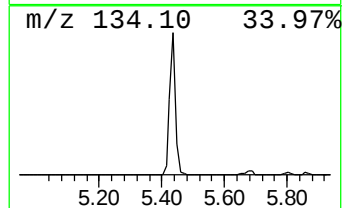
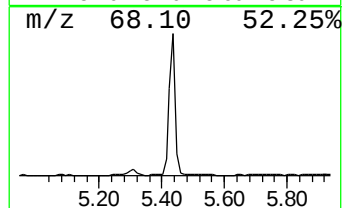
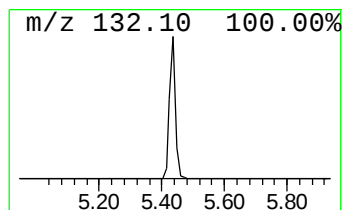
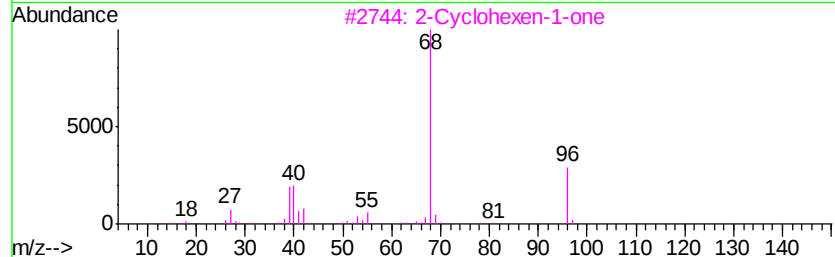
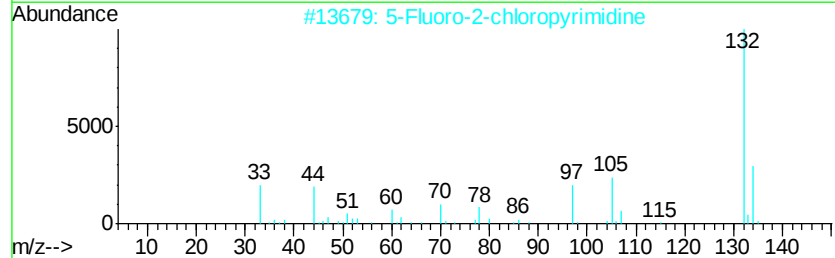
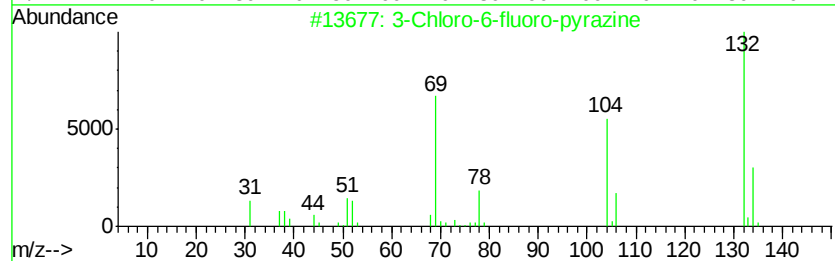
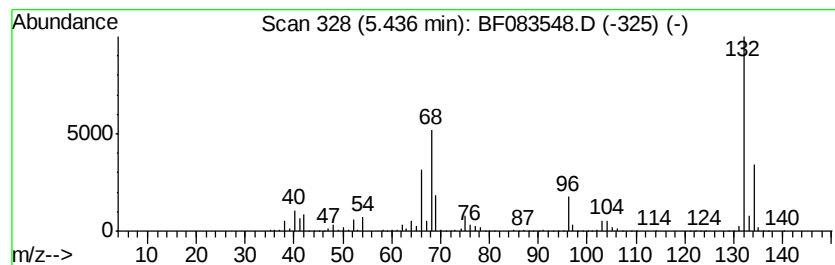
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown5.44 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.44	94.22 ng	5571710	1,4-Dichlorobenzene-d4	5.73

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		2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		Xenon	132	Xe	007440-63-3	9



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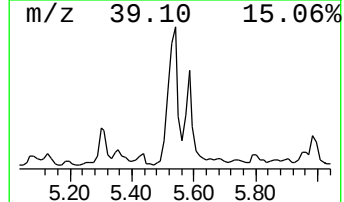
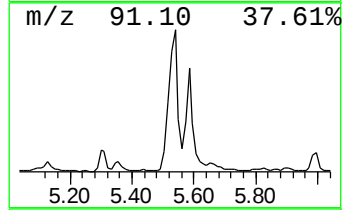
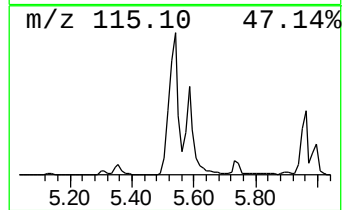
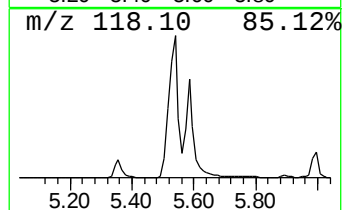
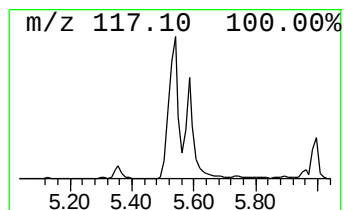
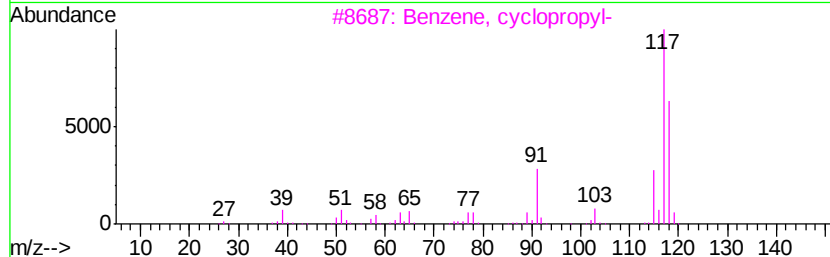
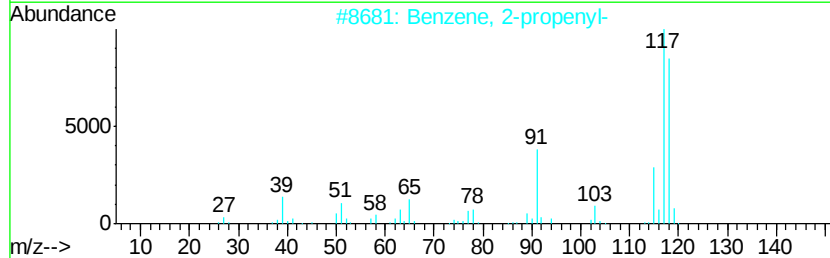
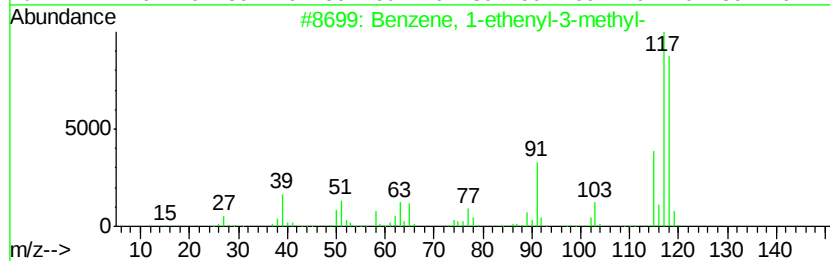
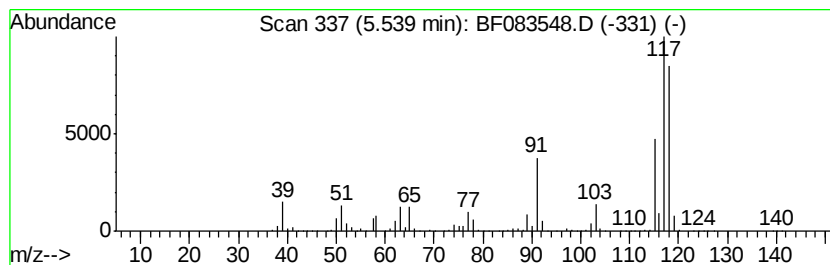
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzene, 1-ethenyl-3-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.54	248.06 ng	14669400	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	97
2		Benzene, 2-propenyl-	118	C9H10	000300-57-2	95
3		Benzene, cyclopropyl-	118	C9H10	000873-49-4	94
4		Benzene, 1-propenyl-	118	C9H10	000637-50-3	94
5		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120615\
Data File : BF083548.D
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Misc :
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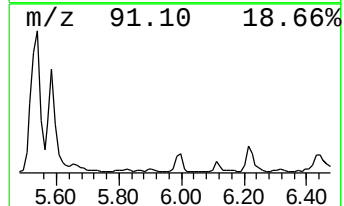
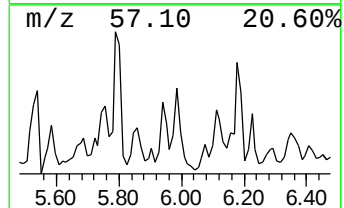
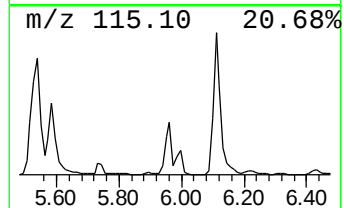
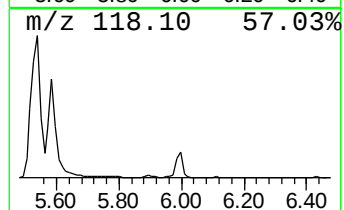
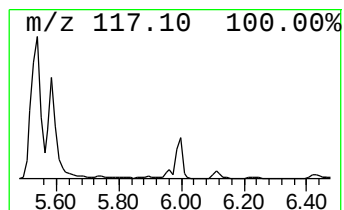
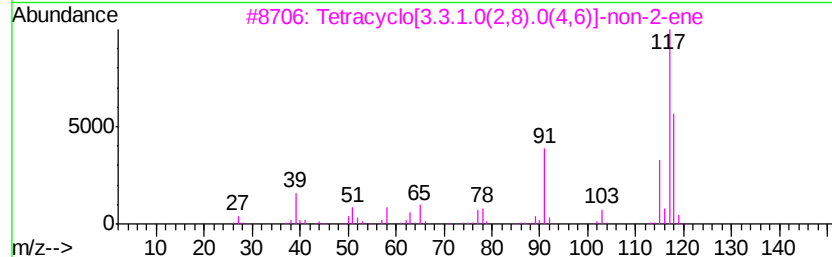
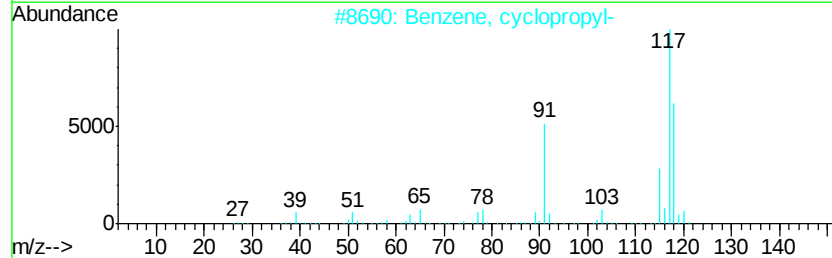
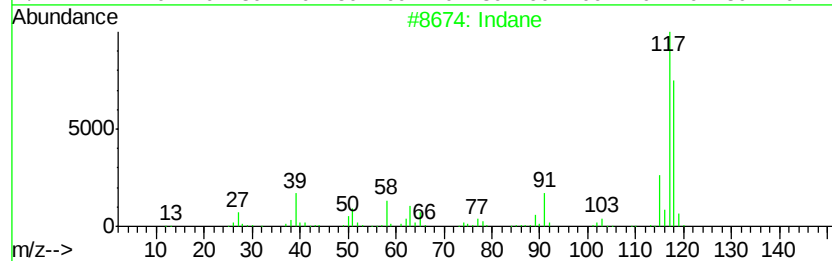
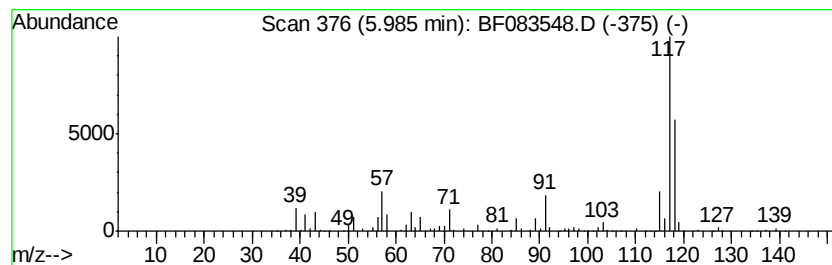
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Indane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.98	43.45 ng	2569260	1,4-Dichlorobenzene-d4	5.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indane	118	C9H10	000496-11-7	94
2		Benzene, cyclopropyl-	118	C9H10	000873-49-4	74
3		Tetracyclo[3.3.1.0(2,8).0(4,6)]-	118	C9H10	1000191-13-7	72
4		Benzene, 1-propenyl-	118	C9H10	000637-50-3	68
5		Benzene, 2-propenyl-	118	C9H10	000300-57-2	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120615\
Data File : BF083548.D
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Misc :
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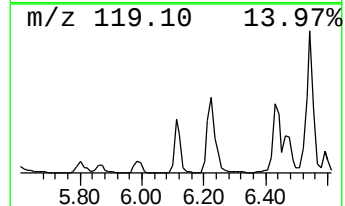
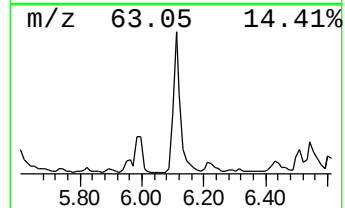
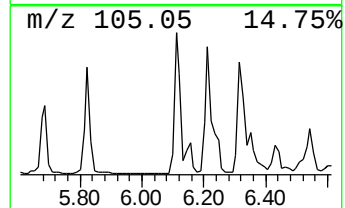
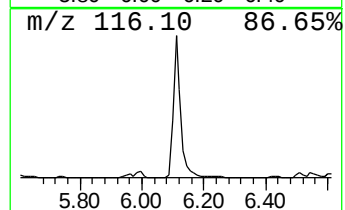
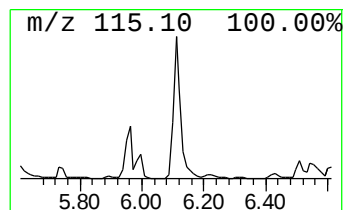
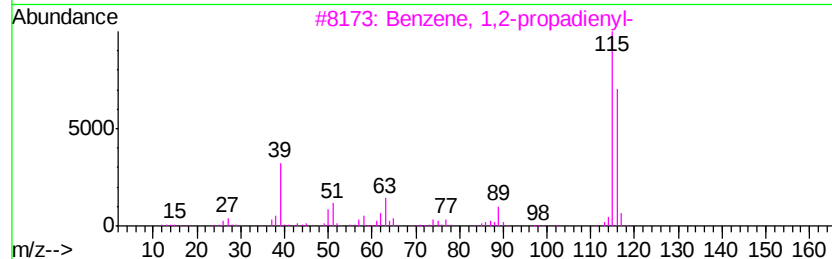
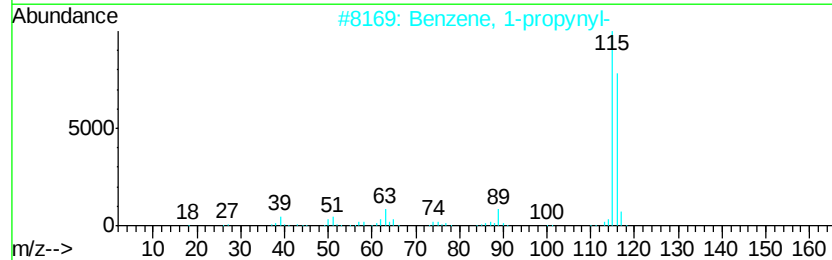
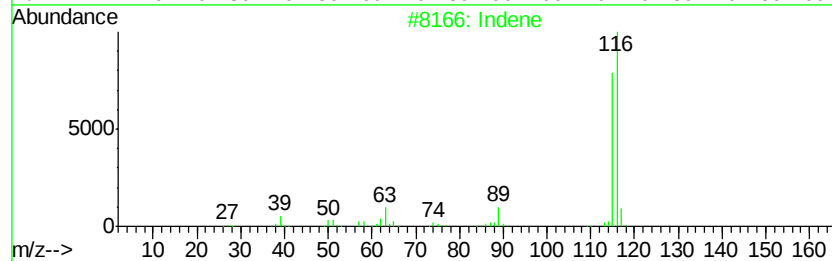
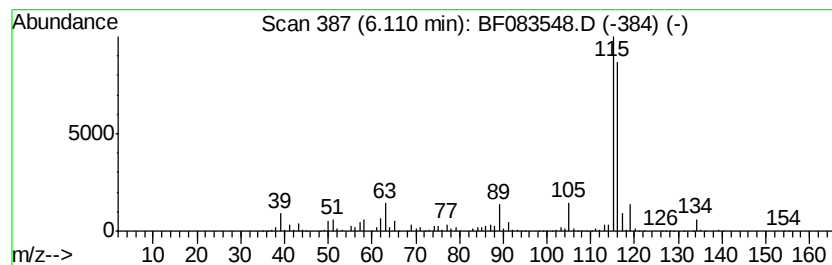
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Indene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.11	104.83 ng	6199500	1,4-Dichlorobenzene-d4	5.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indene	116	C9H8	000095-13-6	95
2		Benzene, 1-propynyl-	116	C9H8	000673-32-5	93
3		Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	87
4		Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	87
5		Benzene,1-ethynyl-2-methyl-	116	C9H8	000766-47-2	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120615\
Data File : BF083548.D
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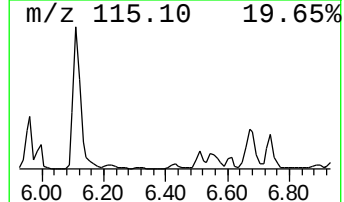
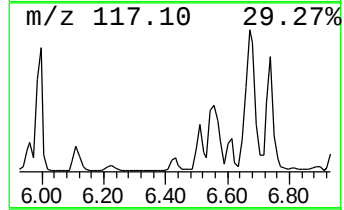
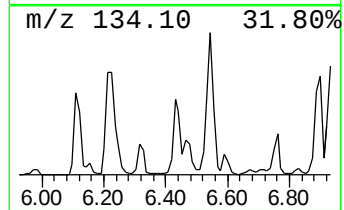
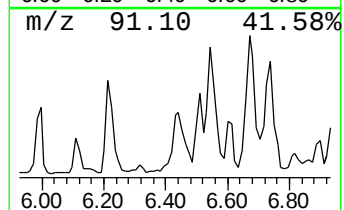
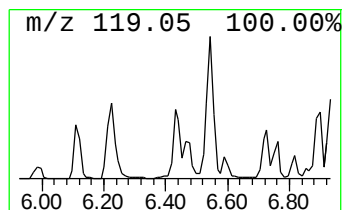
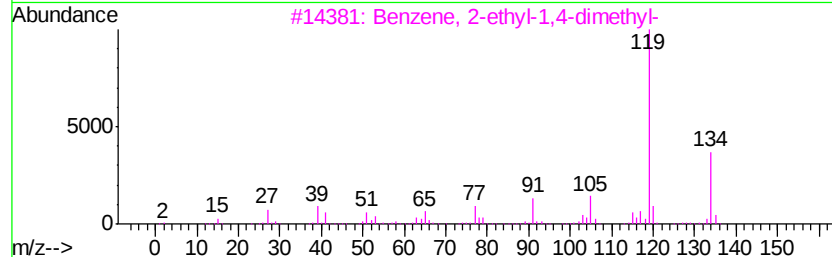
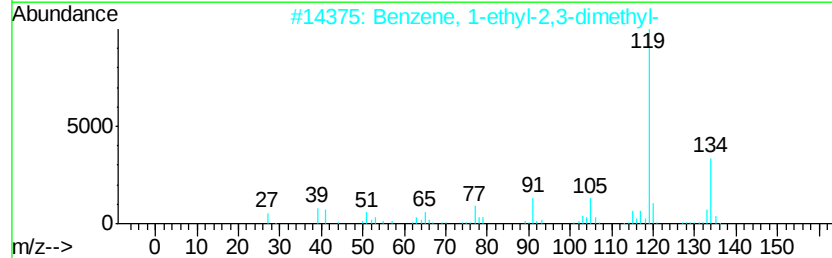
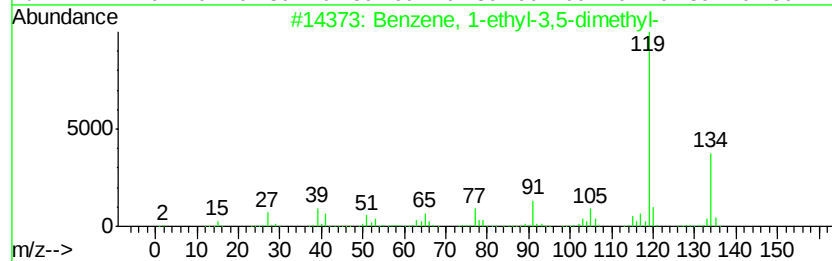
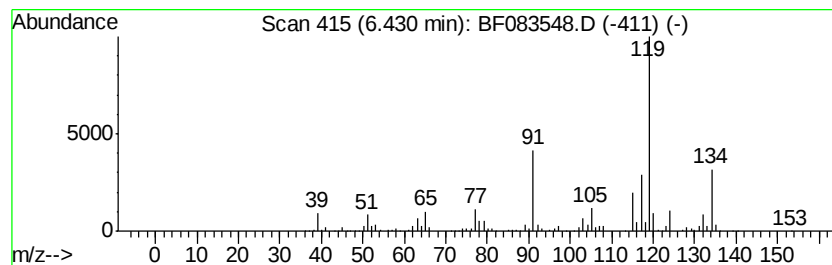
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.43	31.08 ng	1838190	1,4-Dichlorobenzene-d4	5.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	76
2		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	76
3		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	76
4		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	76
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	70



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120615\
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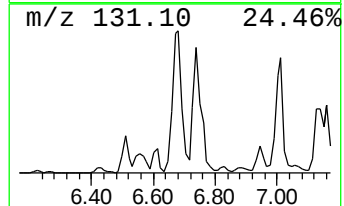
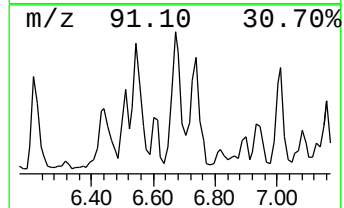
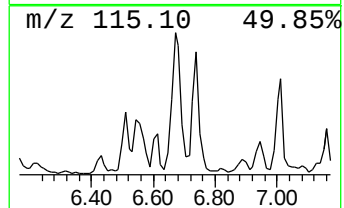
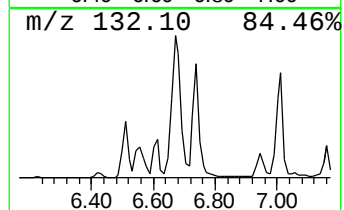
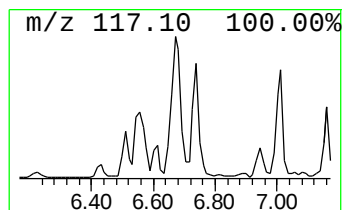
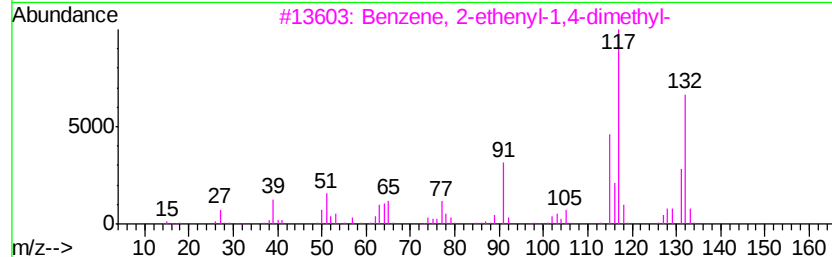
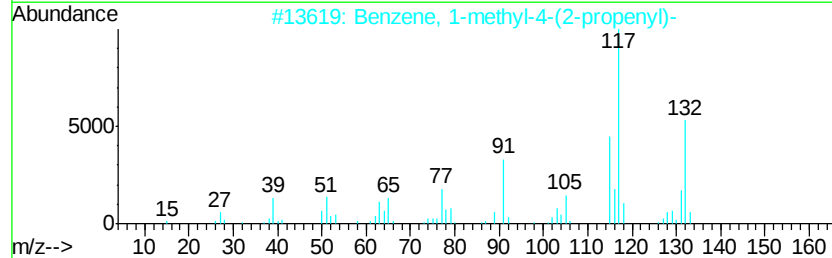
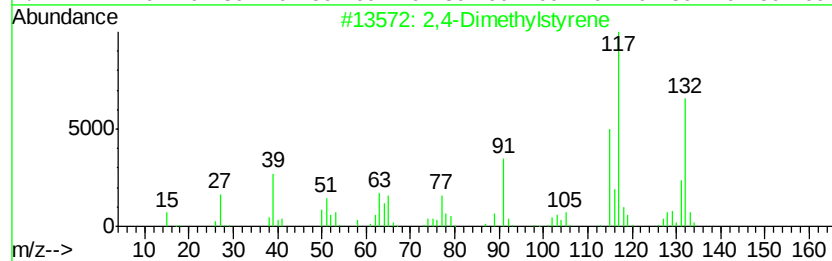
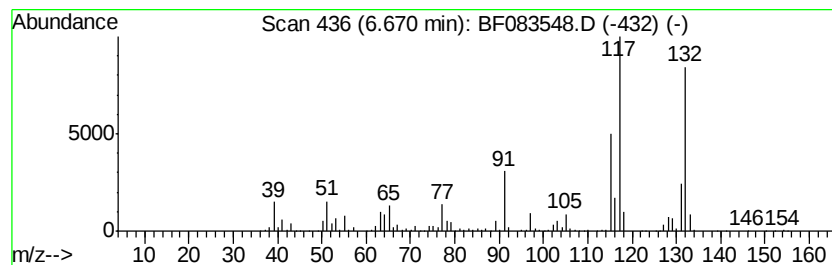
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 2,4-Dimethylstyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	93.83 ng	5548930	1,4-Dichlorobenzene-d4	5.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,4-Dimethylstylene	132	C10H12	002234-20-0	97
2		Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	95
3		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	94
4		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	94
5		Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	94



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120615\
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Acq On : 7 Dec 2015 7:48
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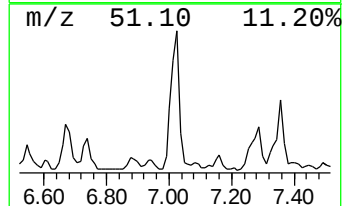
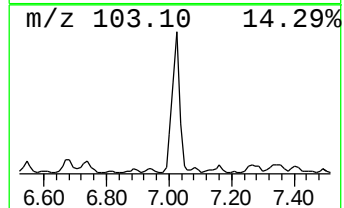
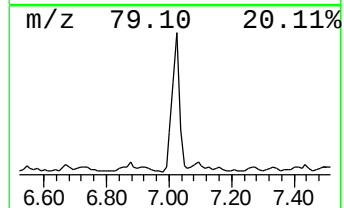
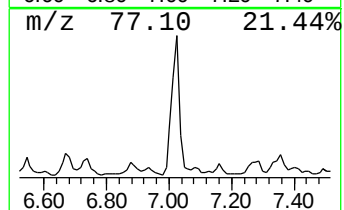
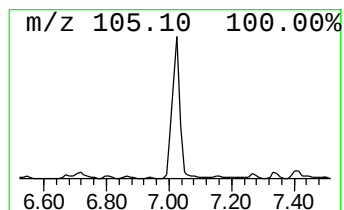
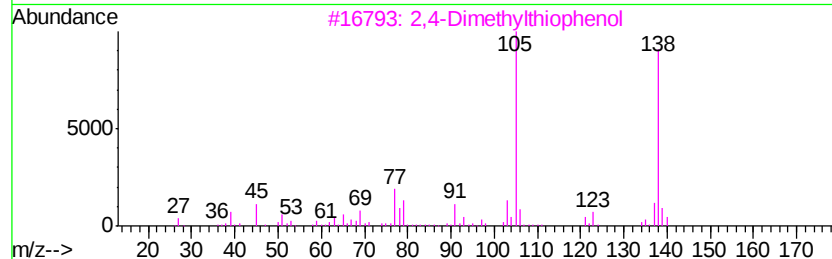
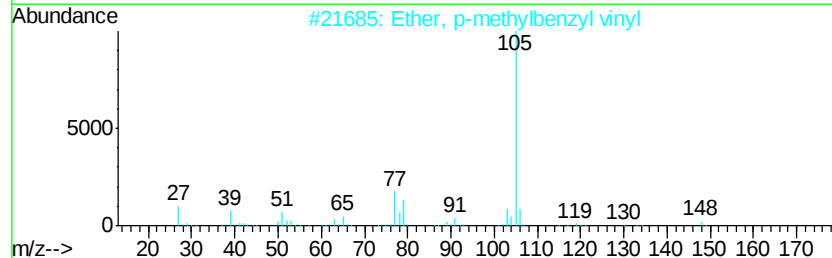
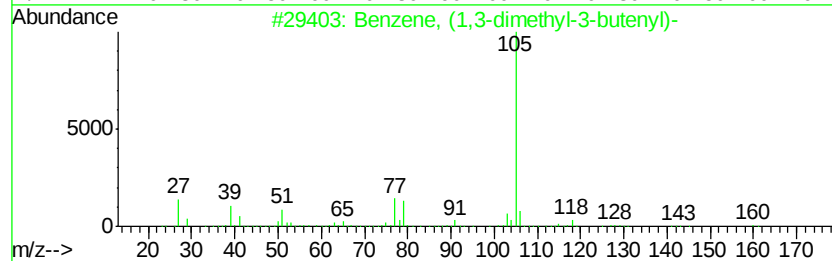
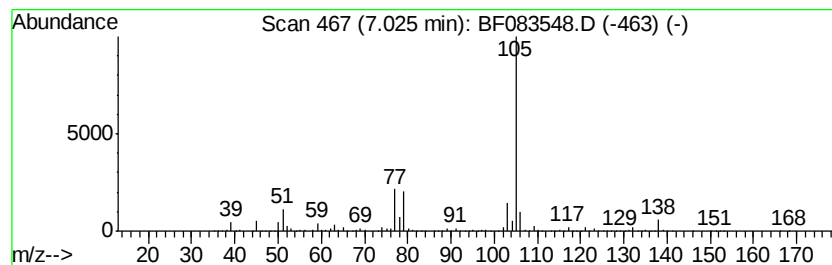
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benzene, (1,3-dimethyl-3-bu... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.02	34.60 ng	10584300	Naphthalene-d8	7.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1,3-dimethyl-3-butenyl)-	160	C12H16	056851-51-5	72
2		Ether, p-methylbenzyl vinyl	148	C10H12O	026437-10-5	72
3		2,4-Dimethylthiophenol	138	C8H10S	013616-82-5	64
4		Benzenemethanethiol, 4-methyl-	138	C8H10S	004498-99-1	64
5		Benzene, (1-nitroethyl)-	151	C8H9NO2	007214-61-1	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120615\
Data File : BF083548.D
Acq On : 7 Dec 2015 7:48
Operator : UM/IZ
Sample : G4594-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
K204-6-8

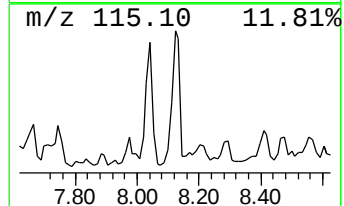
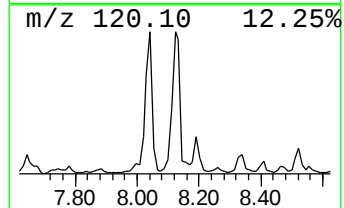
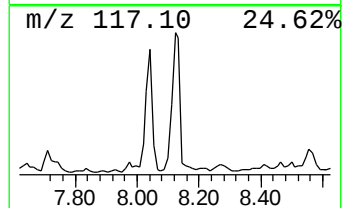
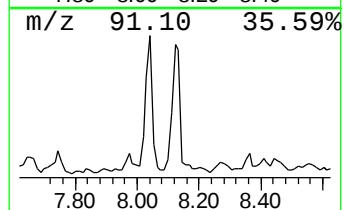
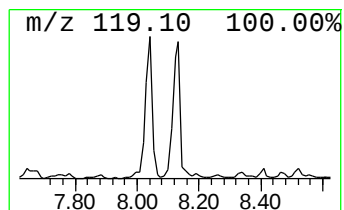
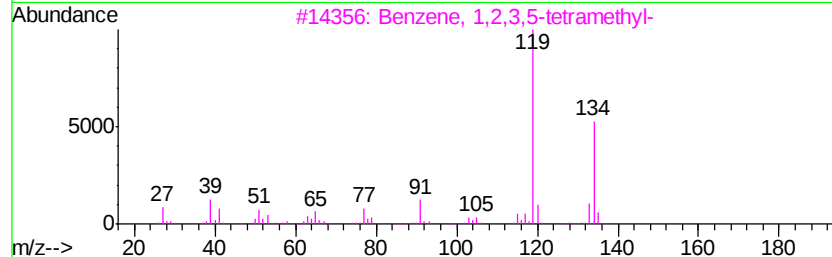
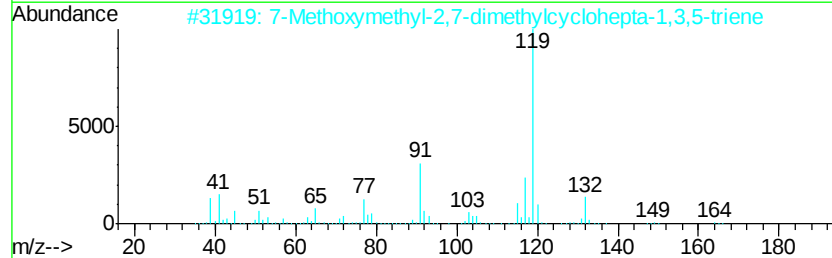
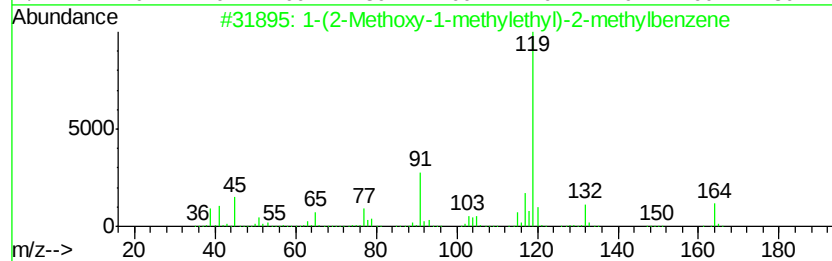
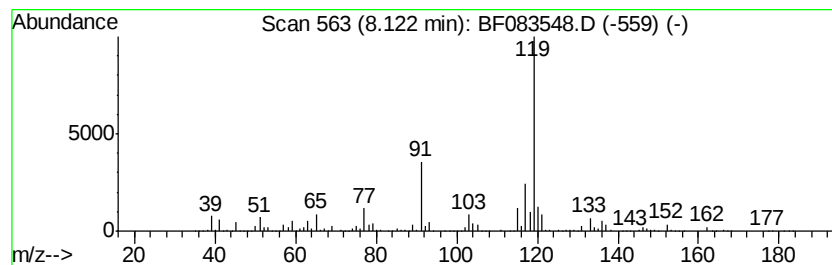
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 1-(2-Methoxy-1-methylethyl)... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.12	30.78 ng	9415740	Napthalene-d8	7.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-(2-Methoxy-1-methylethyl)-2-me...	164	C11H16O	1000210-02-1	64
2		7-Methoxymethyl-2,7-dimethylcyclo...	164	C11H16O	073992-48-0	64
3		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	59
4		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	59
5		3,4-Dimethylbenzyl isothiocyanate	177	C10H11NS	206559-59-3	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120615\
Data File : BF083548.D
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Sample : G4594-05
Misc :
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Instrument :
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ClientSampleId :
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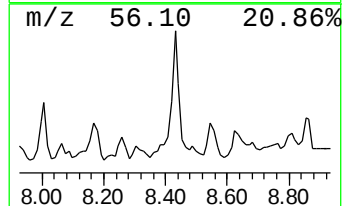
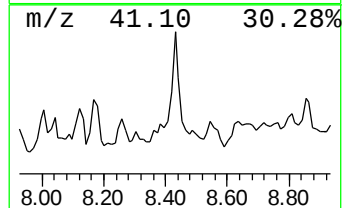
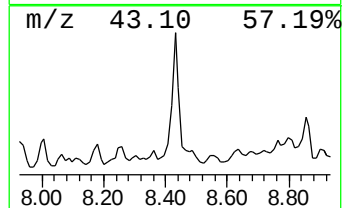
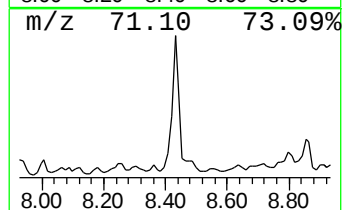
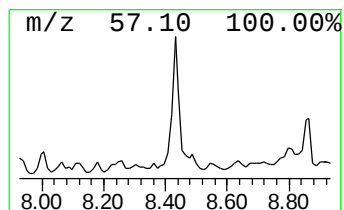
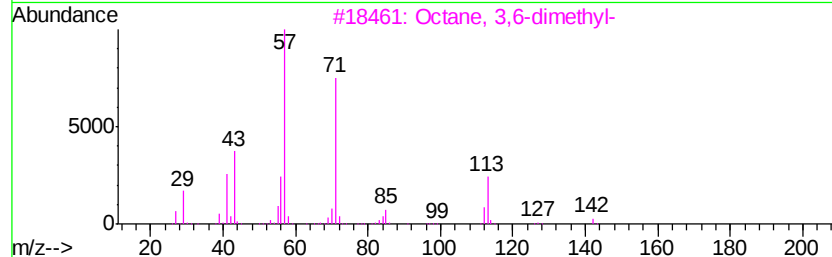
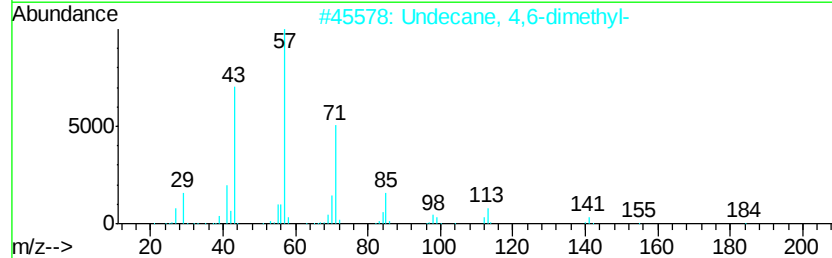
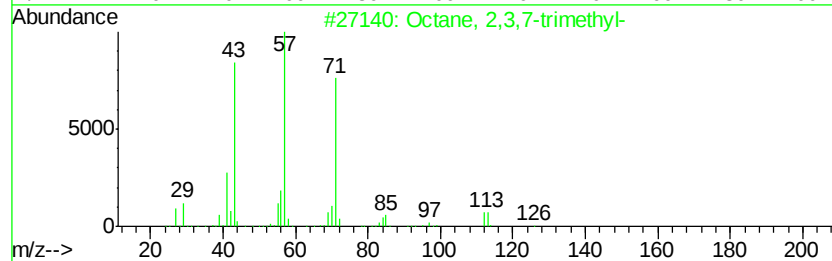
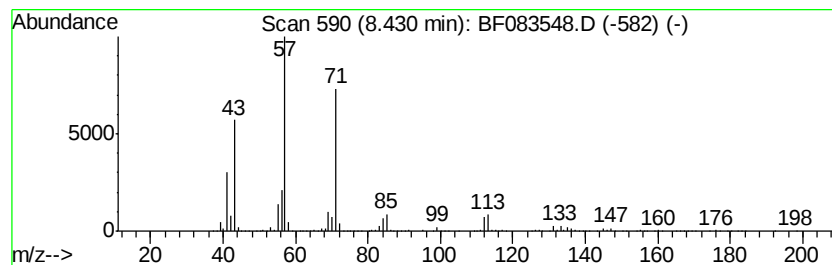
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Octane, 2,3,7-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.43	30.34 ng	9279610	Naphthalene-d8	7.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	78
2		Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	72
3		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
4		Eicosane, 10-methyl-	296	C21H44	054833-23-7	59
5		Hexadecane	226	C16H34	000544-76-3	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120615\
Data File : BF083548.D
Acq On : 7 Dec 2015 7:48
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Sample : G4594-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

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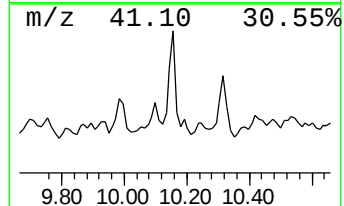
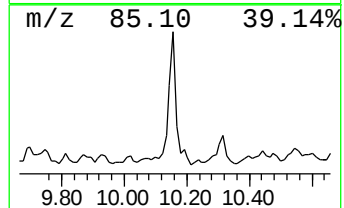
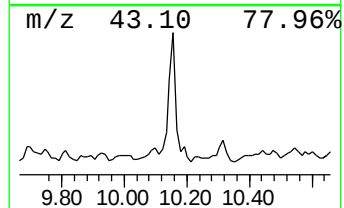
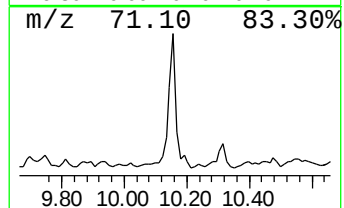
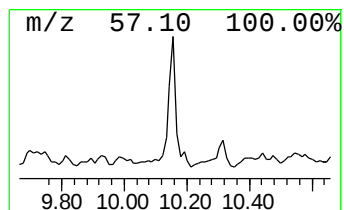
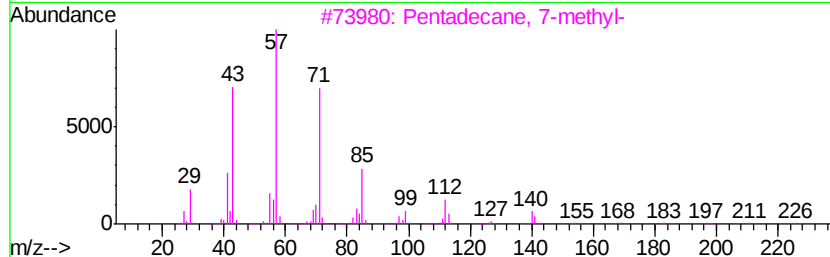
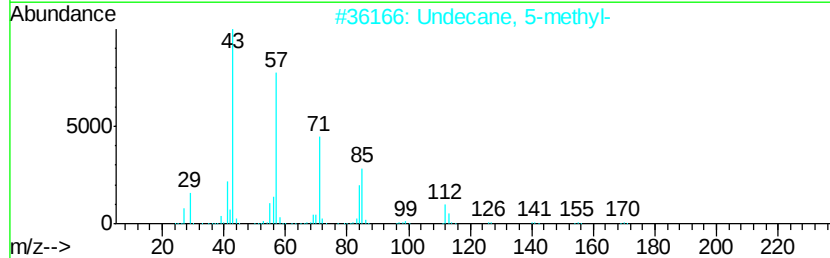
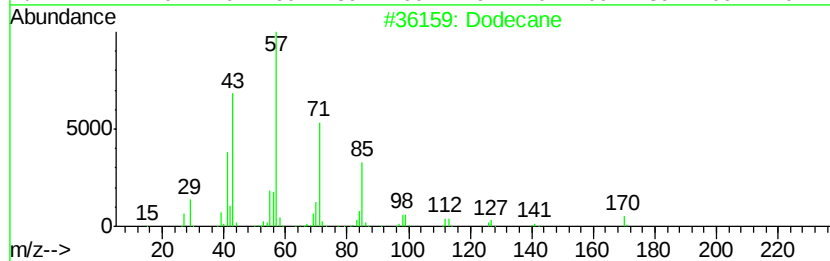
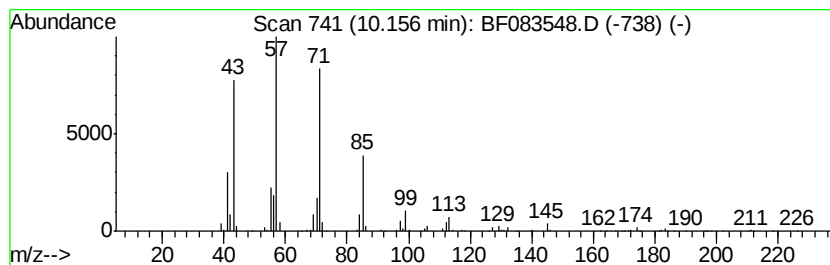
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Dodecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.16	33.64 ng	8158950	Acenaphthene-d10	10.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane	170	C12H26	000112-40-3	87
2		Undecane, 5-methyl-	170	C12H26	001632-70-8	83
3		Pentadecane, 7-methyl-	226	C16H34	006165-40-8	83
4		Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	83
5		Heptacosane	380	C27H56	000593-49-7	78



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120615\
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Acq On : 7 Dec 2015 7:48
Operator : UM/IZ
Sample : G4594-05
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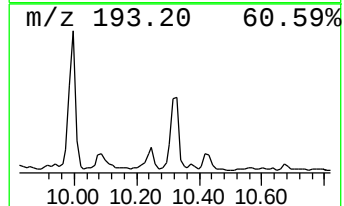
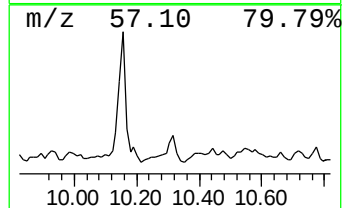
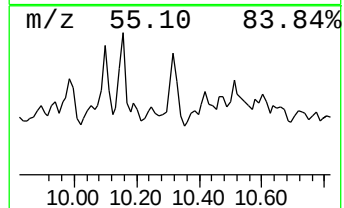
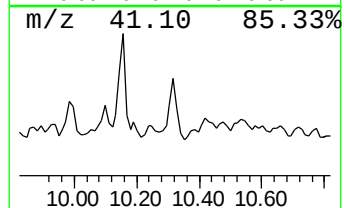
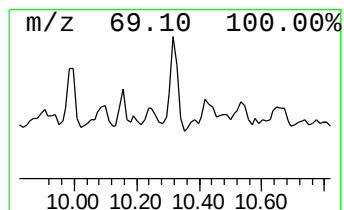
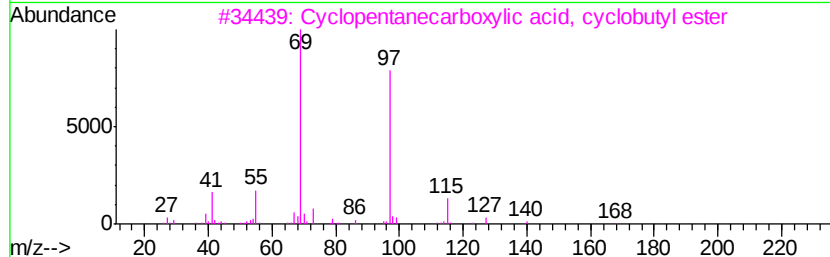
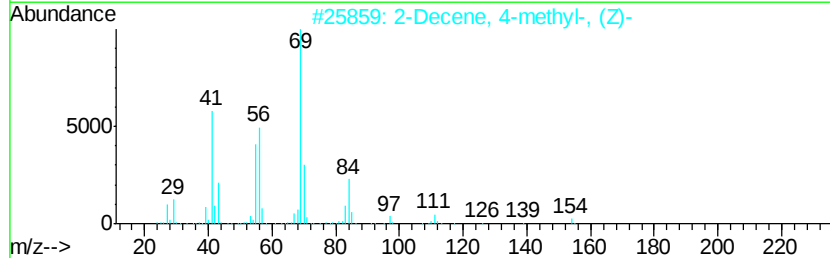
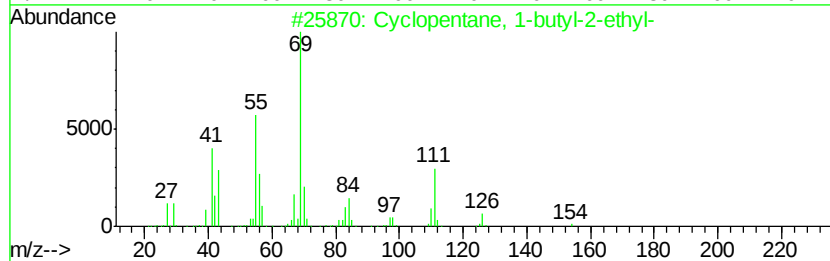
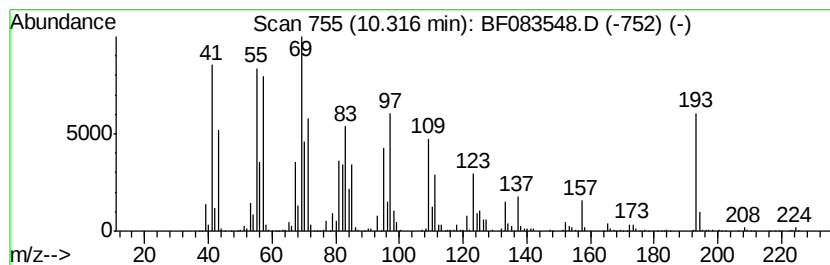
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown10.32 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.32	24.10 ng	5844350	Acenaphthene-d10	10.45
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclopentane, 1-butyl-2-ethyl-	154 C11H22	072993-32-9 25
2		2-Decene, 4-methyl-, (Z)-	154 C11H22	074630-30-1 22
3		Cyclopentanecarboxylic acid, cyclobutyl ester	168 C10H16O2	1000282-76-8 22
4		2,6-Octadienal, 3,7-dimethyl-, (Z)-	152 C10H16O	000106-26-3 22
5		1,4-Hexadiene, 3,3,5-trimethyl-	124 C9H16	074753-00-7 22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120615\
Data File : BF083548.D
Acq On : 7 Dec 2015 7:48
Operator : UM/IZ
Sample : G4594-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

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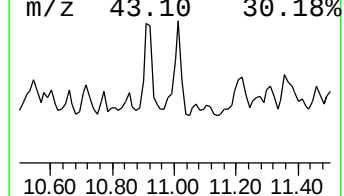
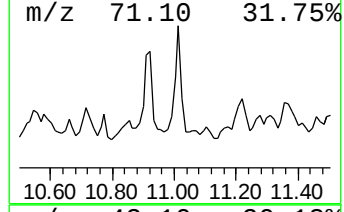
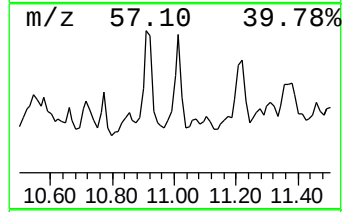
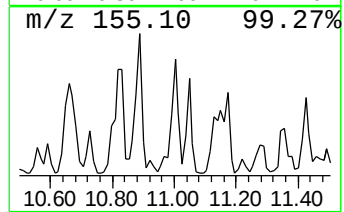
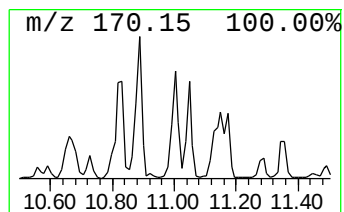
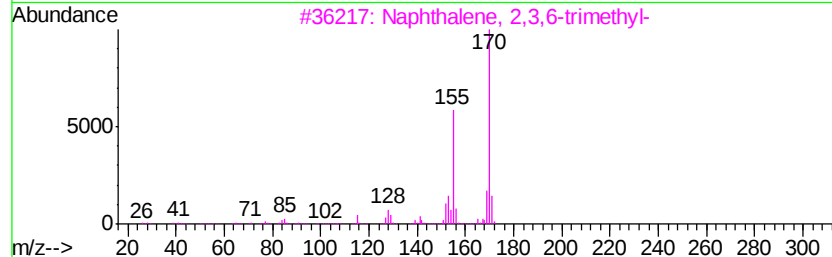
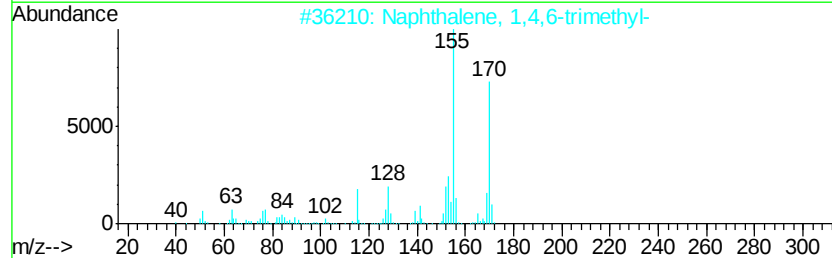
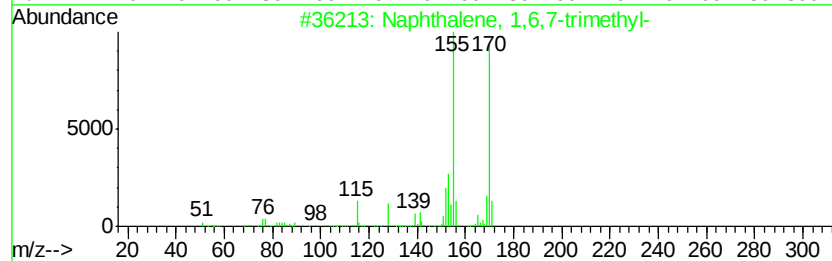
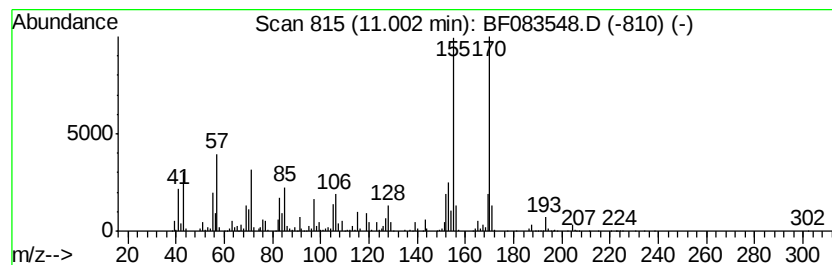
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Naphthalene, 1,6,7-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.00	26.18 ng	6349850	Acenaphthene-d10	10.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
3		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
4		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91
5		1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120615\
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Acq On : 7 Dec 2015 7:48
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ClientSampleId :
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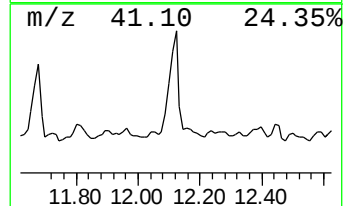
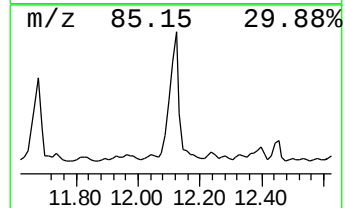
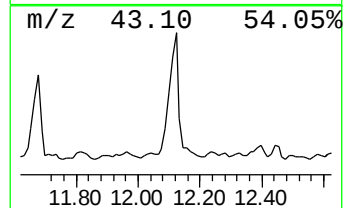
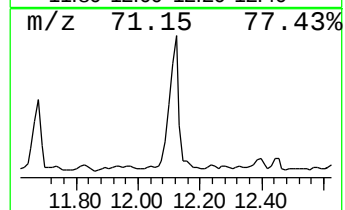
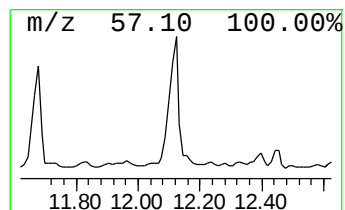
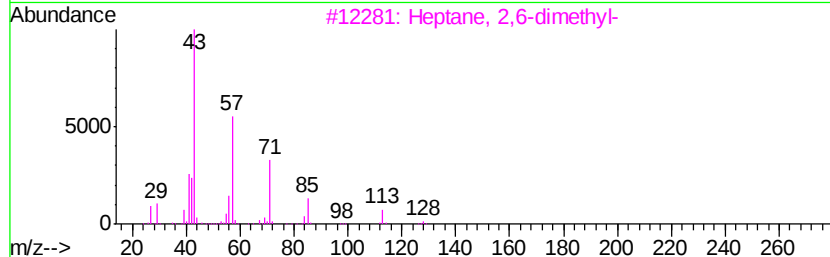
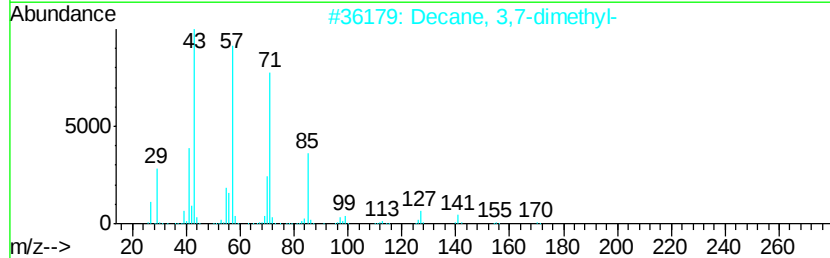
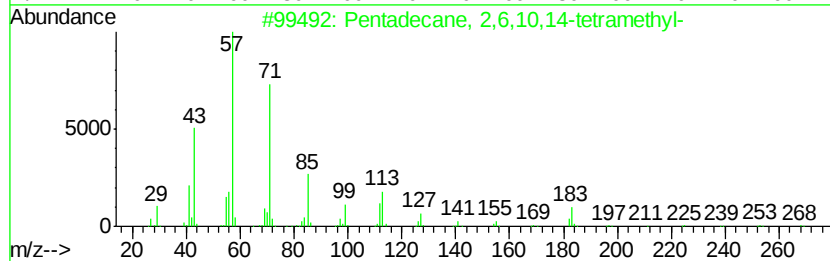
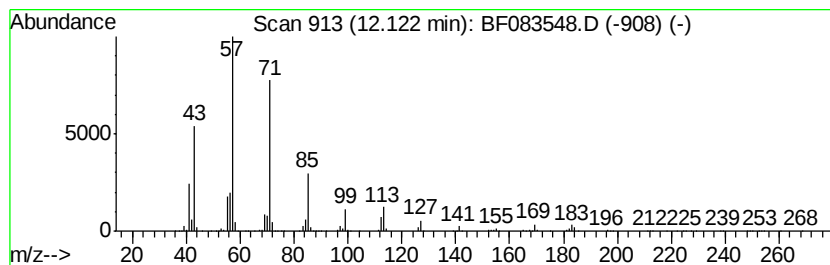
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Pentadecane, 2,6,10,14-tetr... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	30.20 ng	15383800	Phenanthrene-d10	12.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	87
2		Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	83
3		Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	83
4		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
5		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	78



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120615\
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 Acq On : 7 Dec 2015 7:48
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 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 K204-6-8

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
1,4-Cyclohexadien...	2.28	36.9	ng	2182060	1	5.73	1182760	20.0
1,3,5-Hexatriene,...	2.36	42.9	ng	2537440	1	5.73	1182760	20.0
Cyclohexane, 1,2,...	5.08	30.1	ng	1782230	1	5.73	1182760	20.0
unknown5.44	5.44	94.2	ng	5571710	1	5.73	1182760	20.0
Benzene, 1-etheny...	5.54	248.1	ng	14669400	1	5.73	1182760	20.0
Indane	5.98	43.5	ng	2569260	1	5.73	1182760	20.0
Indene	6.11	104.8	ng	6199500	1	5.73	1182760	20.0
Benzene, 1-ethyl-...	6.43	31.1	ng	1838190	1	5.73	1182760	20.0
2,4-Dimethylstyrene	6.67	93.8	ng	5548930	1	5.73	1182760	20.0
Benzene, (1,3-dim...	7.02	34.6	ng	10584300	2	7.64	6118000	20.0
1-(2-Methoxy-1-me...	8.12	30.8	ng	9415740	2	7.64	6118000	20.0
Octane, 2,3,7-tri...	8.43	30.3	ng	9279610	2	7.64	6118000	20.0
Dodecane	10.16	33.6	ng	8158950	3	10.45	4850280	20.0
unknown10.32	10.32	24.1	ng	5844350	3	10.45	4850280	20.0
Naphthalene, 1,6,...	11.00	26.2	ng	6349850	3	10.45	4850280	20.0
Pentadecane, 2,6,...	12.12	30.2	ng	15383800	4	12.85	10188000	20.0