

Data Path : Z:\HPCHEM1\BNA F\Data\BF032618\
 Data File : BF103922.D
 Acq On : 26 Mar 2018 13:31
 Operator : JU/SJ
 Sample : J1994-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP-031918

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-BF031518.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	2.316	33	39	45	rBV	383159	495715	10.83%	0.951%
2	2.728	100	109	119	rVB3	45160	118819	2.60%	0.228%
3	2.952	141	147	153	rVB3	27357	59978	1.31%	0.115%
4	3.787	278	289	293	rBV3	26418	58122	1.27%	0.111%
5	3.916	303	311	316	rBV2	35648	62423	1.36%	0.120%
6	4.175	350	355	367	rVB2	45411	77021	1.68%	0.148%
7	4.669	434	439	443	rBV2	35980	57172	1.25%	0.110%
8	4.763	449	455	460	rBV3	92932	127466	2.79%	0.244%
9	5.204	527	530	538	rBV2	151790	180850	3.95%	0.347%
10	5.598	592	597	600	rBV	1959433	1965884	42.96%	3.770%
11	6.004	660	666	668	rBV	46151	50494	1.10%	0.097%
12	6.146	686	690	694	rBV	1066674	898670	19.64%	1.723%
13	6.434	730	739	742	rBV	219520	200563	4.38%	0.385%
14	6.593	761	766	770	rBV	1309309	1203159	26.29%	2.307%
15	6.657	773	777	781	rVB	98082	92364	2.02%	0.177%
16	6.745	787	792	795	rBV	3512221	3381083	73.89%	6.484%
17	6.922	814	822	826	rBV2	145832	170559	3.73%	0.327%
18	6.975	827	831	834	rVV	991762	862379	18.85%	1.654%
19	7.028	837	840	845	rVB	546263	442401	9.67%	0.848%
20	7.134	853	858	860	rBV	3396810	3388045	74.04%	6.498%
21	7.151	860	861	868	rVB	1216964	885981	19.36%	1.699%
22	7.216	868	872	875	rBV	386661	335118	7.32%	0.643%
23	7.287	880	884	886	rBV	228068	217488	4.75%	0.417%
24	7.304	886	887	891	rVB	171214	117874	2.58%	0.226%
25	7.363	894	897	901	rBV2	85888	94888	2.07%	0.182%
26	7.504	916	921	923	rBV	510617	523734	11.45%	1.004%
27	7.540	923	927	930	rVV	3054469	3232170	70.64%	6.199%
28	7.604	934	938	943	rVB4	175549	202814	4.43%	0.389%
29	7.651	943	946	952	rVB3	169539	193664	4.23%	0.371%
30	7.716	952	957	958	rBV2	59653	65971	1.44%	0.127%
31	7.734	958	960	963	rVB	212872	163092	3.56%	0.313%
32	7.781	963	968	971	rVB5	36314	53615	1.17%	0.103%
33	7.816	971	974	976	rBV	58810	53018	1.16%	0.102%
34	7.851	976	980	984	rVB	119644	121951	2.67%	0.234%

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35	7.898	984	988	990	rBV2	234741	249445	5.45%	0.478%
36	7.922	990	992	998	rVB	444152	418380	9.14%	0.802%
37	7.992	998	1004	1007	rBV	2056387	1947526	42.56%	3.735%
38	8.063	1012	1016	1018	rVV4	75286	89252	1.95%	0.171%
39	8.092	1018	1021	1023	rVV	227338	187001	4.09%	0.359%
40	8.116	1023	1025	1028	rVB	69122	55685	1.22%	0.107%
41	8.210	1032	1041	1043	rBV6	174365	282441	6.17%	0.542%
42	8.257	1043	1049	1053	rVV2	1367687	1891650	41.34%	3.628%
43	8.292	1053	1055	1059	rVV	365963	370085	8.09%	0.710%
44	8.334	1059	1062	1065	rVB2	52412	62989	1.38%	0.121%
45	8.375	1065	1069	1071	rBV2	82015	88231	1.93%	0.169%
46	8.404	1071	1074	1076	rVV2	154407	147950	3.23%	0.284%
47	8.445	1079	1081	1085	rVV	296648	276457	6.04%	0.530%
48	8.498	1086	1090	1093	rVV2	255450	321567	7.03%	0.617%
49	8.528	1093	1095	1101	rVV3	177477	213935	4.68%	0.410%
50	8.575	1101	1103	1107	rVV2	51180	65534	1.43%	0.126%
51	8.634	1110	1113	1117	rVB	249362	205971	4.50%	0.395%
52	8.716	1123	1127	1131	rBV	226811	208766	4.56%	0.400%
53	8.757	1131	1134	1139	rVB2	562942	493616	10.79%	0.947%
54	8.810	1139	1143	1146	rBV2	119098	105740	2.31%	0.203%
55	8.839	1146	1148	1152	rVV3	111760	127036	2.78%	0.244%
56	8.910	1156	1160	1163	rVV	465019	446901	9.77%	0.857%
57	8.939	1163	1165	1168	rVV	86122	79867	1.75%	0.153%
58	8.969	1168	1170	1172	rVB	131741	95097	2.08%	0.182%
59	9.034	1177	1181	1182	rBV	55139	60605	1.32%	0.116%
60	9.069	1182	1187	1190	rVV	1104528	963154	21.05%	1.847%
61	9.092	1190	1191	1197	rVB2	134818	167535	3.66%	0.321%
62	9.192	1202	1208	1210	rVB3	78083	119613	2.61%	0.229%
63	9.216	1210	1212	1214	rVB	87363	53573	1.17%	0.103%
64	9.334	1226	1232	1235	rBV	4562198	4575865	100.00%	8.776%
65	9.481	1251	1257	1258	rBV3	103460	112662	2.46%	0.216%
66	9.528	1263	1265	1270	rVB	168273	198947	4.35%	0.382%
67	9.598	1270	1277	1282	rBV	414341	574214	12.55%	1.101%
68	9.669	1285	1289	1291	rVV	544513	574211	12.55%	1.101%
69	9.698	1291	1294	1296	rVV3	246879	283096	6.19%	0.543%
70	9.716	1296	1297	1302	rVV	179545	134517	2.94%	0.258%
71	9.786	1305	1309	1311	rBV	237276	239633	5.24%	0.460%

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72	9.804	1311	1312	1314	rVB	129117	60750	1.33%	0.117%
73	9.869	1321	1323	1328	rVB	117947	103535	2.26%	0.199%
74	9.928	1330	1333	1337	rVB	90510	68663	1.50%	0.132%
75	9.992	1341	1344	1345	rBV	115805	118269	2.58%	0.227%
76	10.016	1345	1348	1352	rVV	1473787	1317456	28.79%	2.527%
77	10.045	1352	1353	1356	rVV	93847	79644	1.74%	0.153%
78	10.098	1359	1362	1363	rVV2	53541	58181	1.27%	0.112%
79	10.110	1363	1364	1369	rVB3	73648	77890	1.70%	0.149%
80	10.216	1378	1382	1385	rVB2	116535	134002	2.93%	0.257%
81	10.251	1385	1388	1392	rBV3	77907	85220	1.86%	0.163%
82	10.328	1398	1401	1404	rBV3	85328	87752	1.92%	0.168%
83	10.404	1409	1414	1415	rBV2	61115	56854	1.24%	0.109%
84	10.428	1415	1418	1422	rVB2	123524	128304	2.80%	0.246%
85	10.563	1437	1441	1448	rVB3	66000	88511	1.93%	0.170%
86	10.645	1448	1455	1458	rBV4	47272	69228	1.51%	0.133%
87	10.722	1462	1468	1473	rBV6	28585	53778	1.18%	0.103%
88	10.810	1478	1483	1486	rBV	2681870	2880051	62.94%	5.523%
89	10.898	1496	1498	1508	rVB	87821	120418	2.63%	0.231%
90	11.351	1572	1575	1577	rBV	59969	47007	1.03%	0.090%
91	11.510	1598	1602	1605	rBV	1494744	1280647	27.99%	2.456%
92	12.057	1693	1695	1703	rVB2	46391	53220	1.16%	0.102%
93	13.104	1867	1873	1876	rBV	3940339	4574307	99.97%	8.773%
94	13.974	2017	2021	2030	rBV	276357	270679	5.92%	0.519%
95	14.163	2049	2053	2061	rVB	1255723	1156571	25.28%	2.218%
96	14.604	2124	2128	2140	rBV	1289406	1302543	28.47%	2.498%
97	14.921	2178	2182	2188	rBV4	69584	103008	2.25%	0.198%
98	15.016	2195	2198	2203	rVB	62866	65084	1.42%	0.125%
99	15.710	2310	2316	2325	rBV	709426	953184	20.83%	1.828%
100	18.886	2850	2856	2870	rVB7	31294	104492	2.28%	0.200%

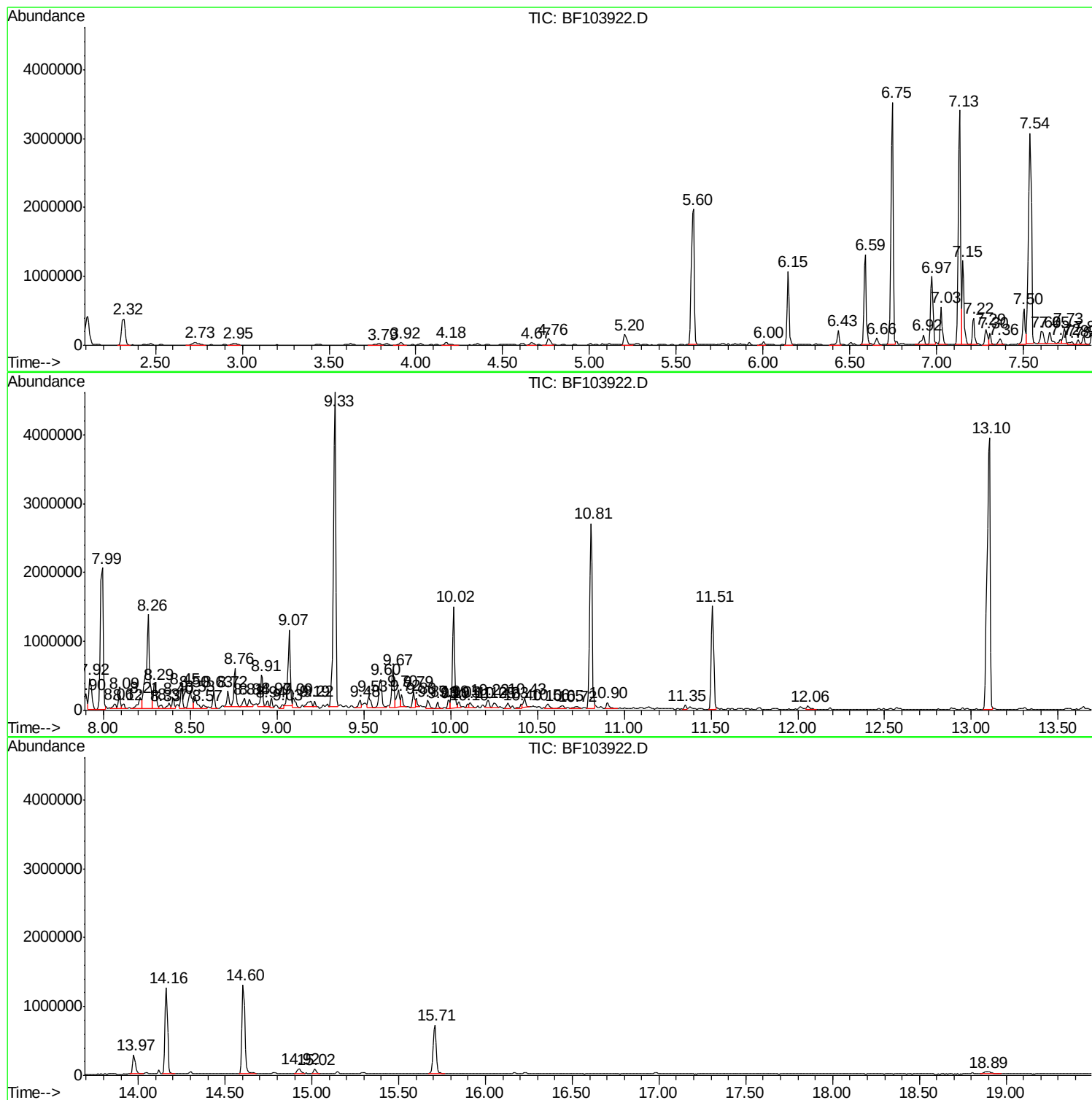
Sum of corrected areas: 52142540

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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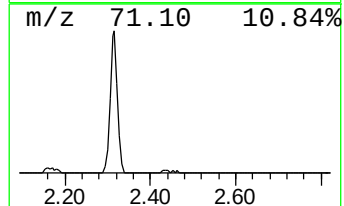
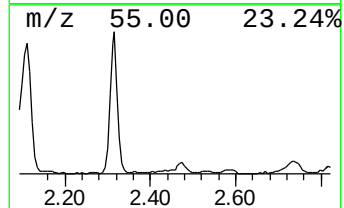
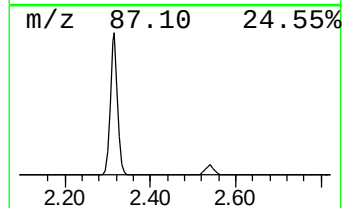
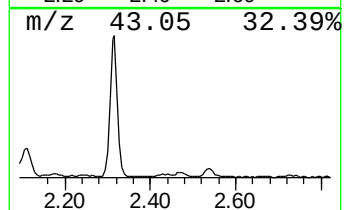
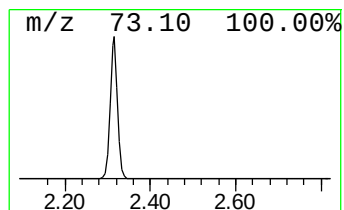
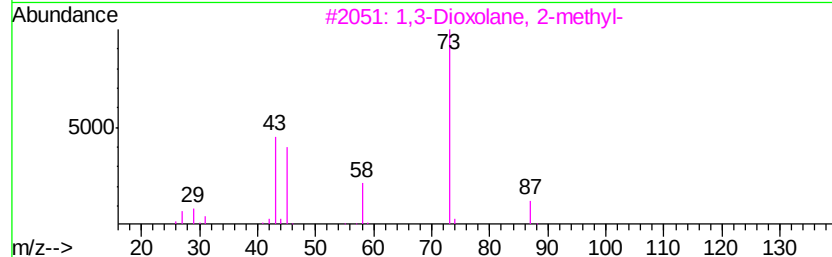
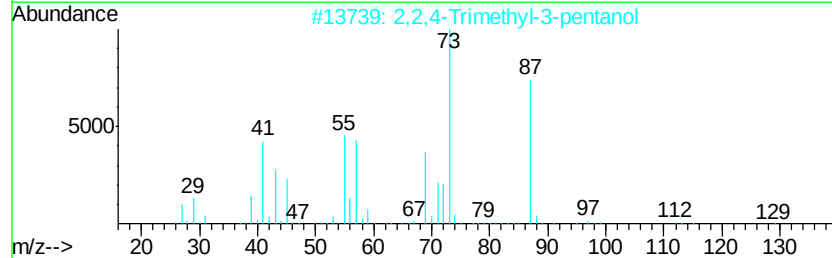
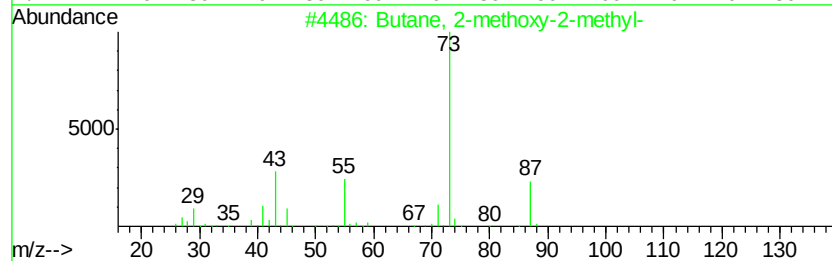
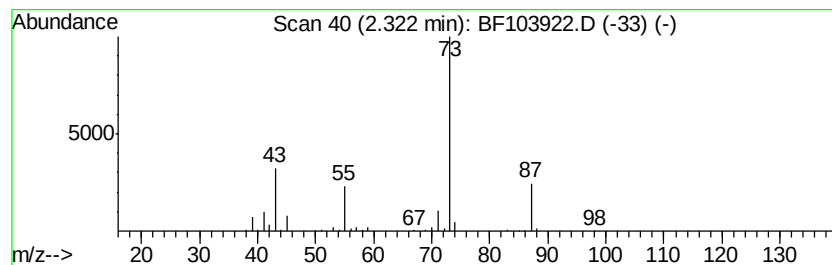
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.32	11.50 ng	495715	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	17



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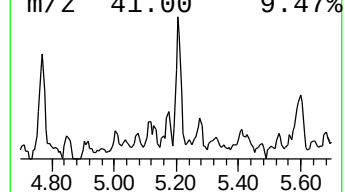
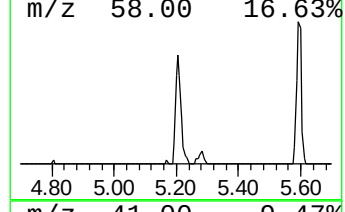
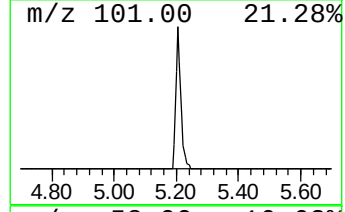
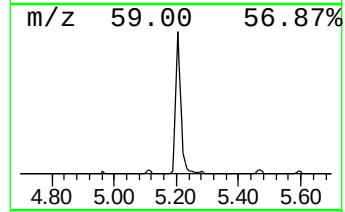
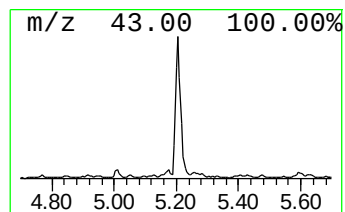
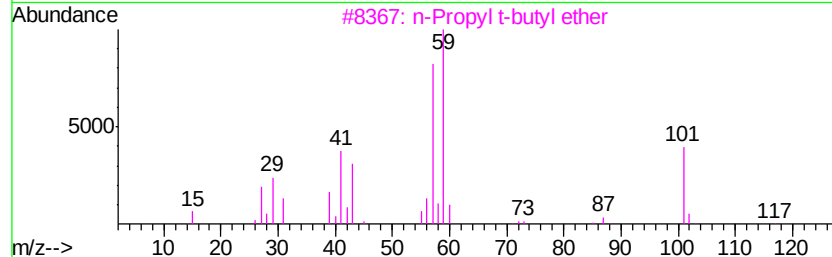
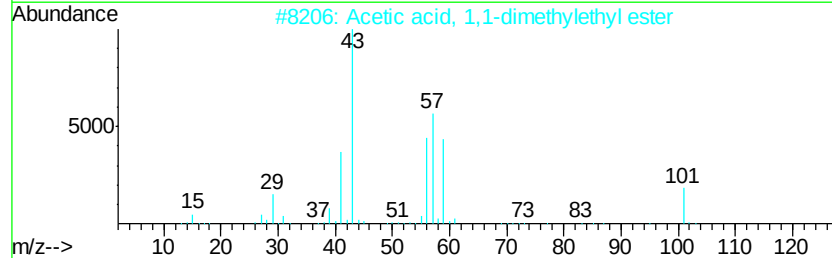
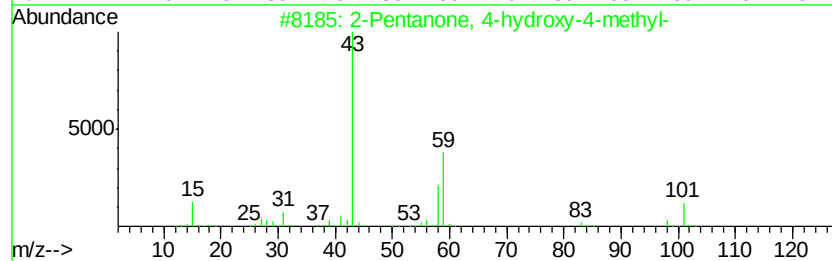
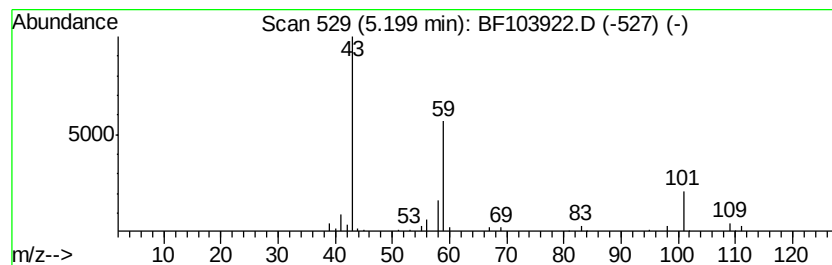
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	4.19 ng	180850	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3		n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	28
4		1-Cyclohexylethanol, methyl ether	142	C9H18O	1000365-12-8	17
5		Butanamide, 2-hydroxy-2,N-dimethyl-	117	C5H11NO2	039961-72-3	17



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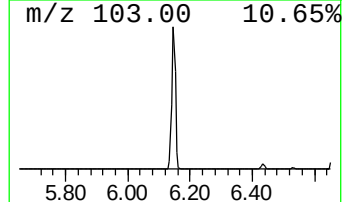
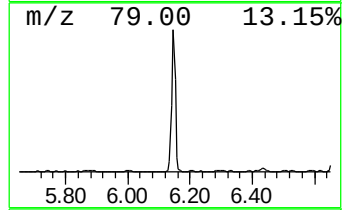
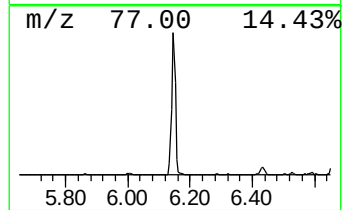
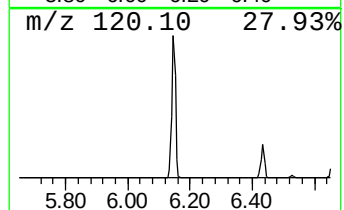
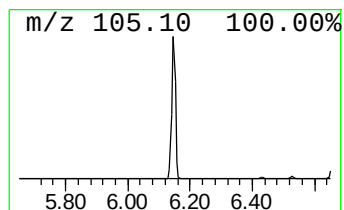
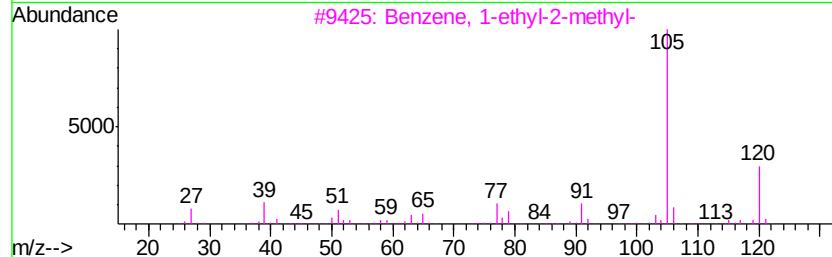
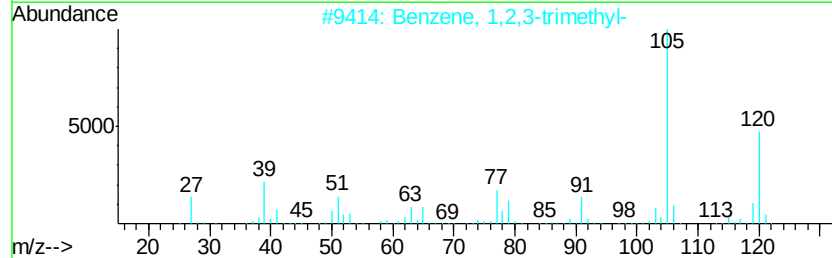
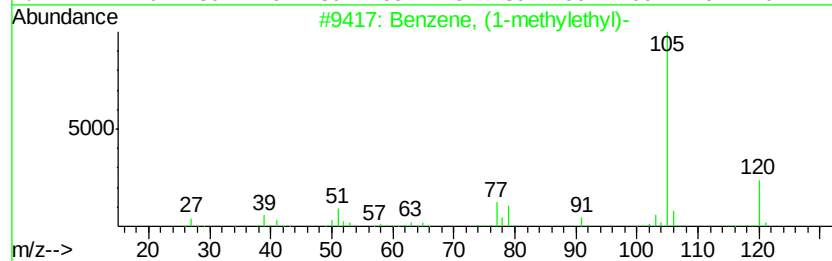
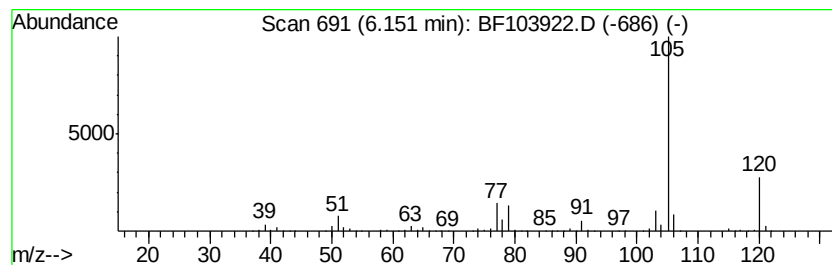
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, (1-methylethyl)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.15	20.84 ng	898670	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	94
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	86
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	86
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	80



Data Path : Z:\HPCHEM1\BNA F\Data\BF032618\
Data File : BF103922.D
Acq On : 26 Mar 2018 13:31
Operator : JU/SJ
Sample : J1994-04
Misc :
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Instrument :
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ClientSampleId :
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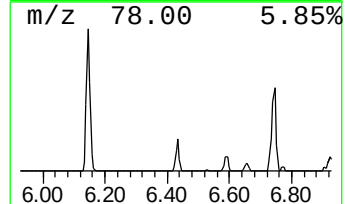
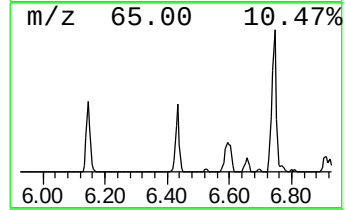
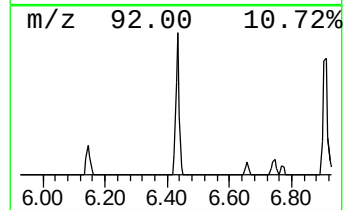
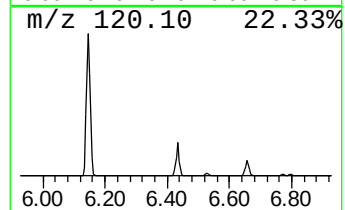
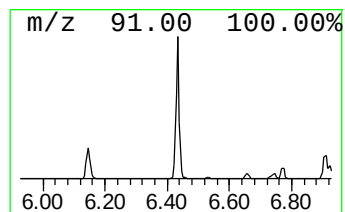
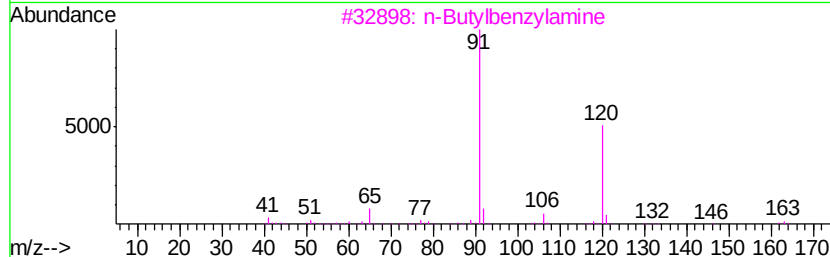
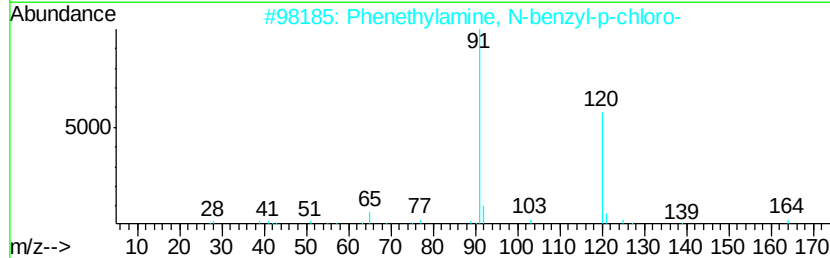
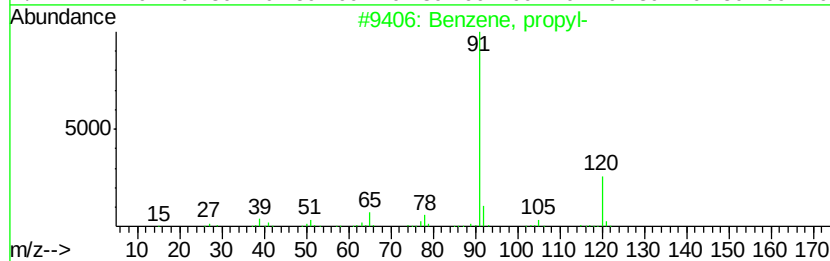
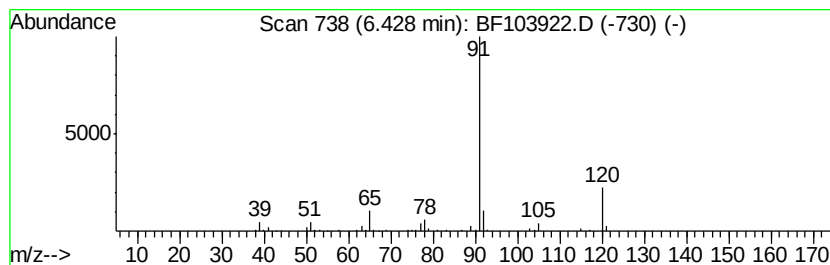
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Benzene, propyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.43	4.65 ng	200563	1,4-Dichlorobenzene-d4	6.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, propyl-	120	C9H12	000103-65-1	90
2			Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	78
3			n-Butylbenzylamine	163	C11H17N	002403-22-7	72
4			N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	59
5			2,4,6-Cycloheptatrien-1-one, 4-m...	120	C8H8O	1000327-34-9	59



Data Path : Z:\HPCHEM1\BNA F\Data\BF032618\
Data File : BF103922.D
Acq On : 26 Mar 2018 13:31
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Misc :
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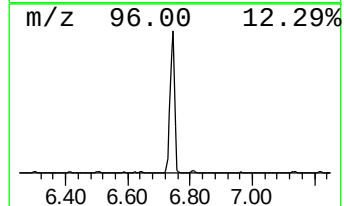
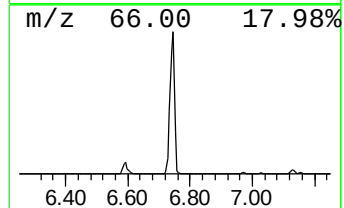
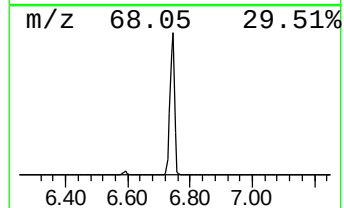
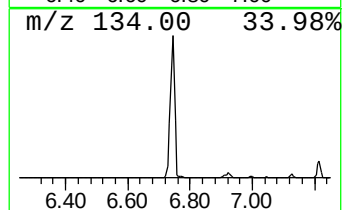
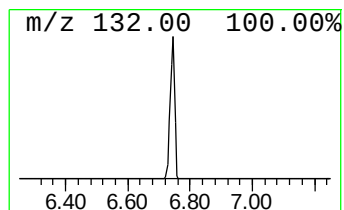
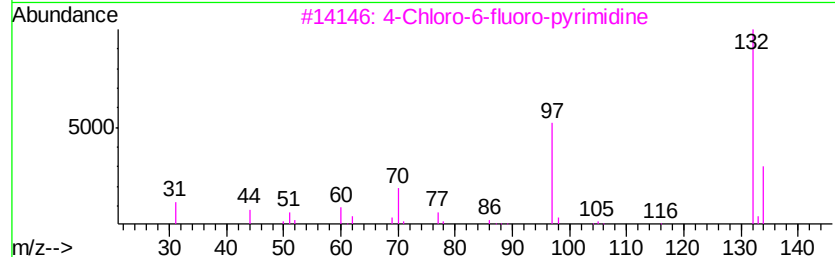
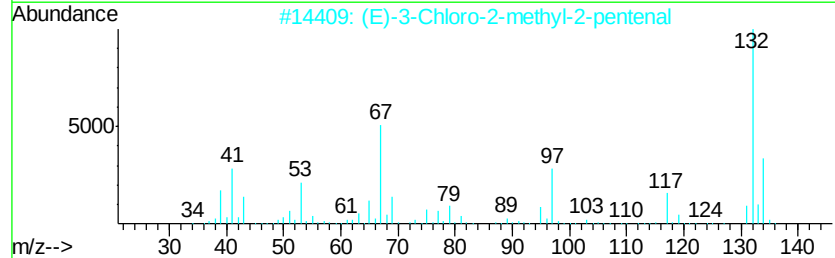
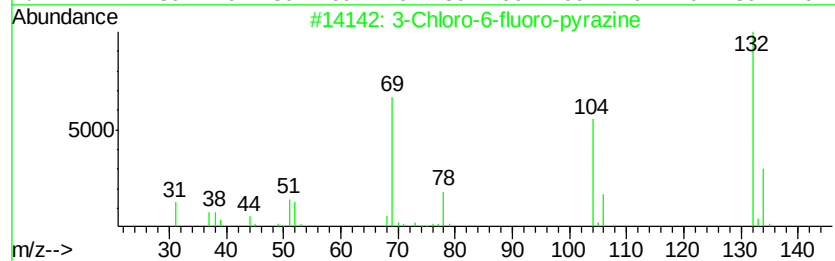
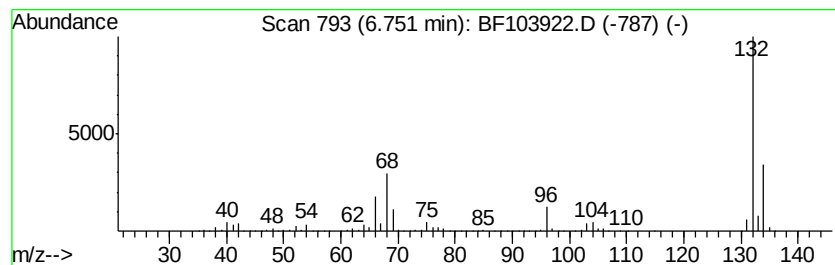
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown6.75 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	78.41 ng	3381080	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
4		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5		5-Aminoindole	132	C8H8N2	005192-03-0	9



Data Path : Z:\HPCHEM1\BNA F\Data\BF032618\
Data File : BF103922.D
Acq On : 26 Mar 2018 13:31
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Sample : J1994-04
Misc :
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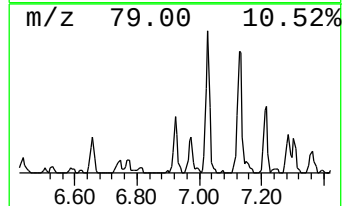
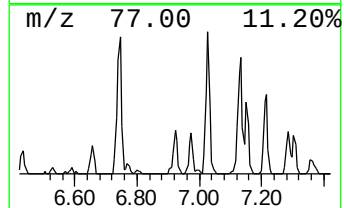
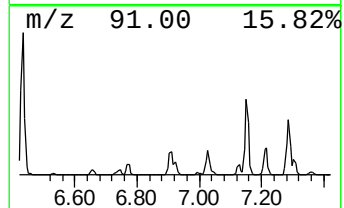
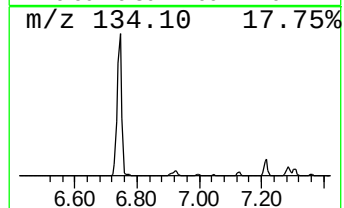
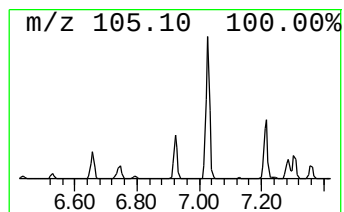
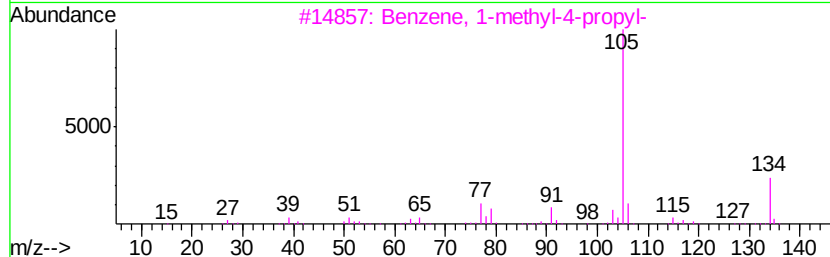
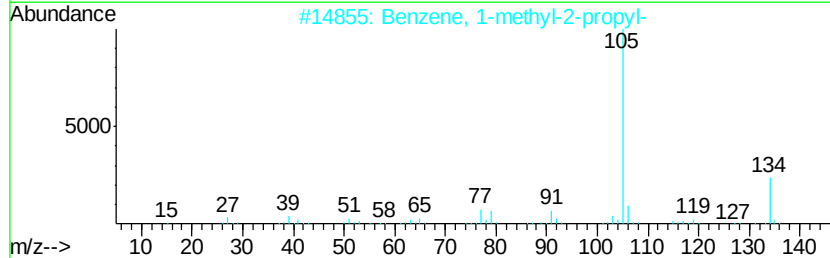
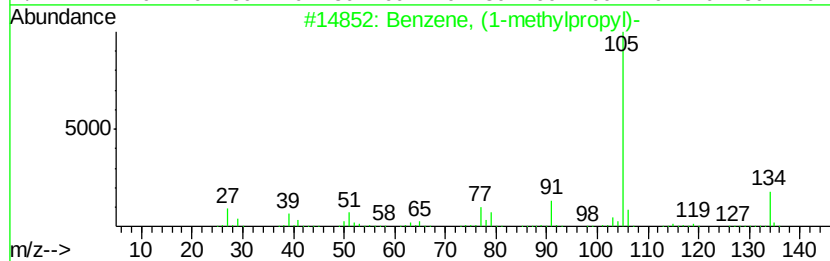
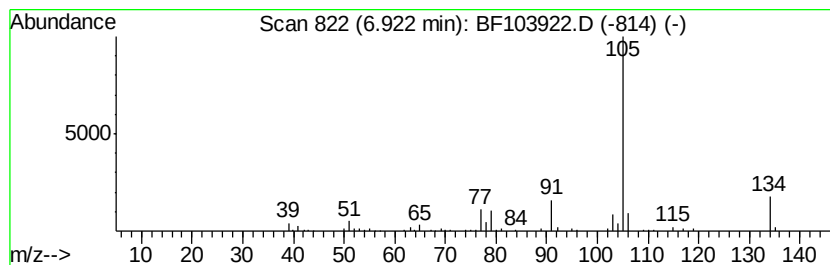
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzene, (1-methylpropyl)- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.92	3.96 ng	170559	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
2		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
3		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
4		Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	90
5		Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	90



Data Path : Z:\HPCHEM1\BNA F\Data\BF032618\
Data File : BF103922.D
Acq On : 26 Mar 2018 13:31
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Misc :
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ClientSampleId :
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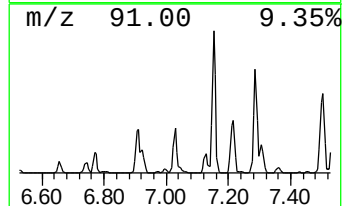
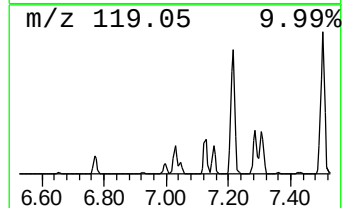
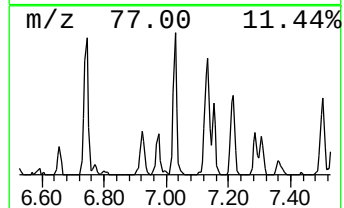
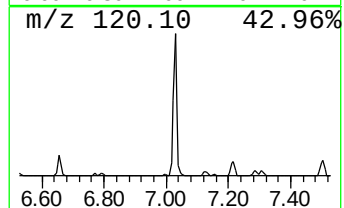
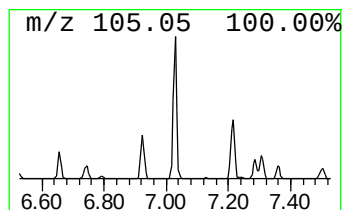
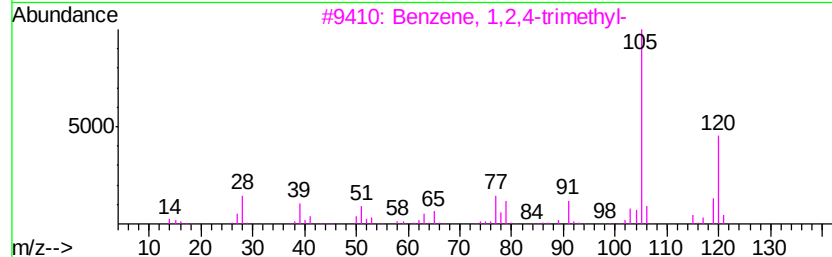
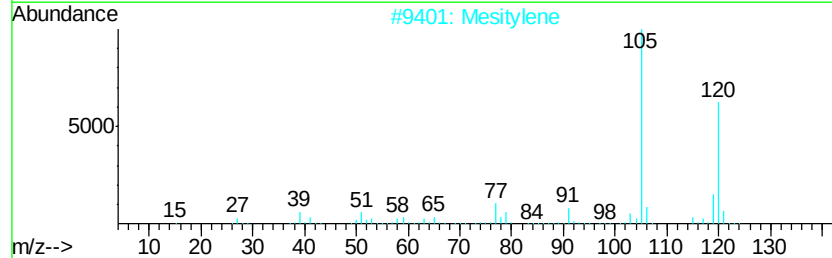
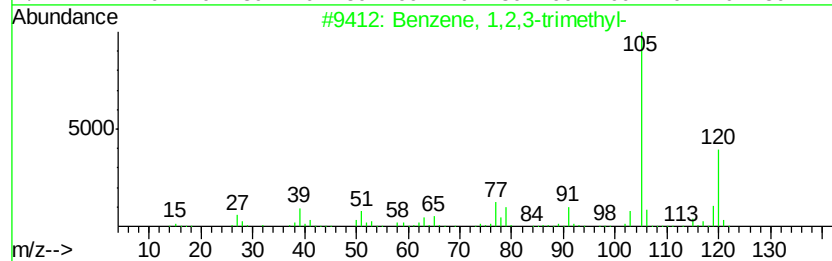
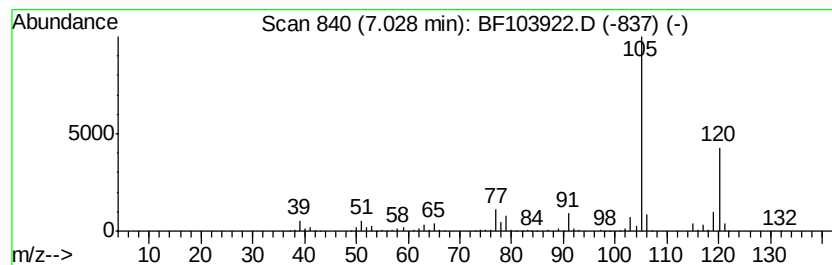
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzene, 1,2,3-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	10.26 ng	442401	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2		Mesitylene	120	C9H12	000108-67-8	94
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90



Data Path : Z:\HPCHEM1\BNA_F\Data\BF032618\
Data File : BF103922.D
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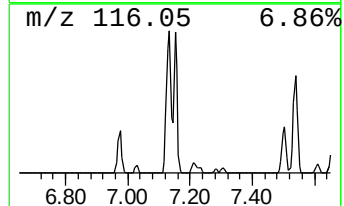
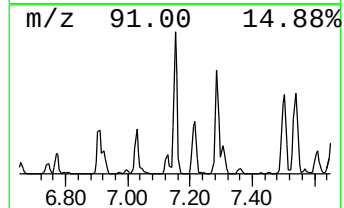
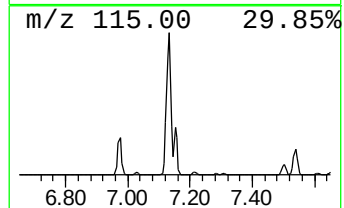
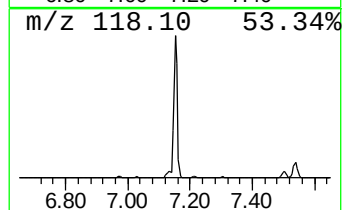
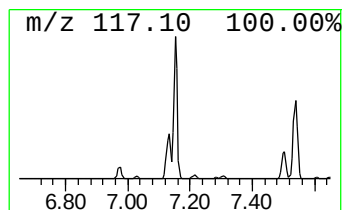
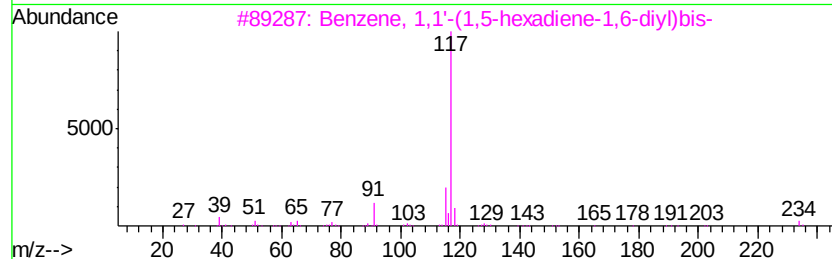
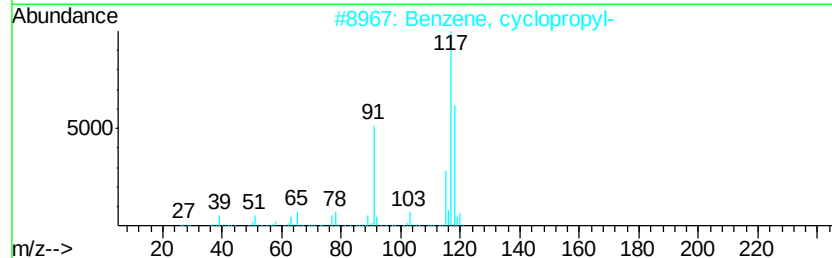
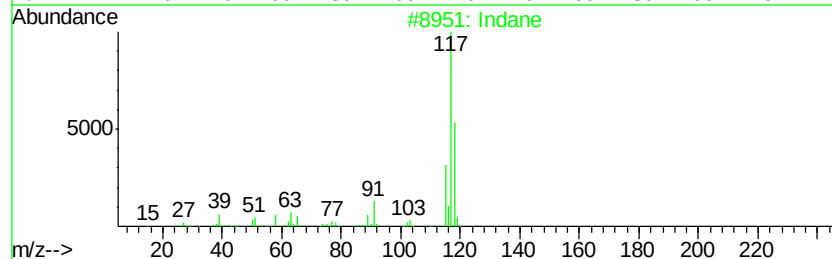
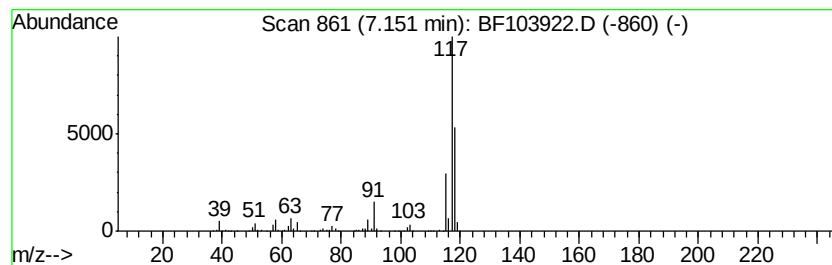
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Indane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.15	20.55 ng	885981	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	87
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	80
3	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	50
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	49
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	47



Data Path : Z:\HPCHEM1\BNA F\Data\BF032618\
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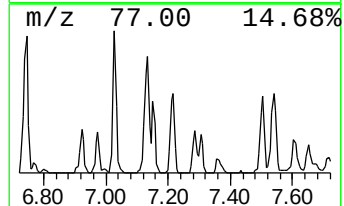
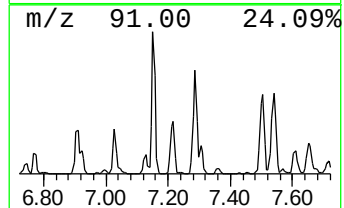
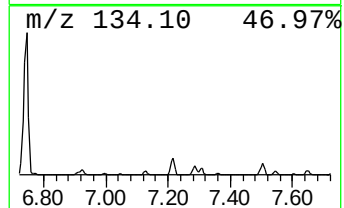
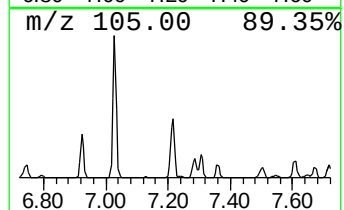
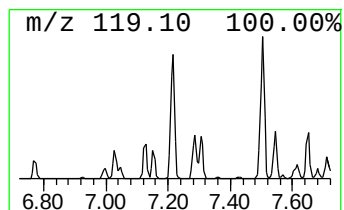
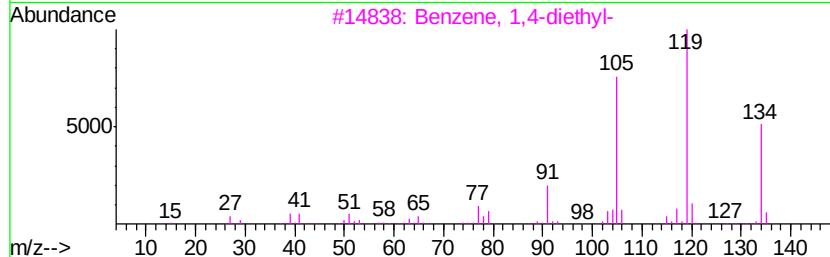
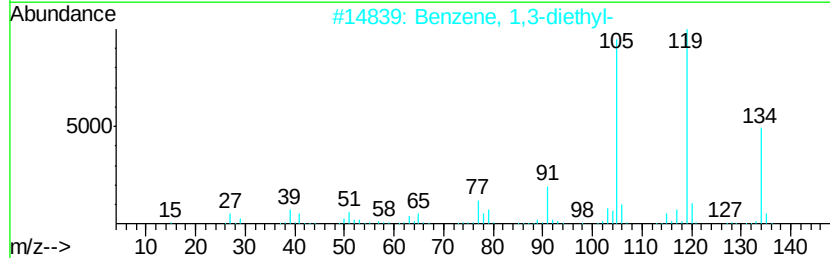
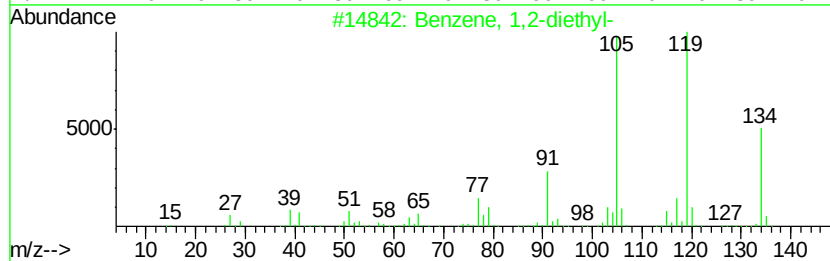
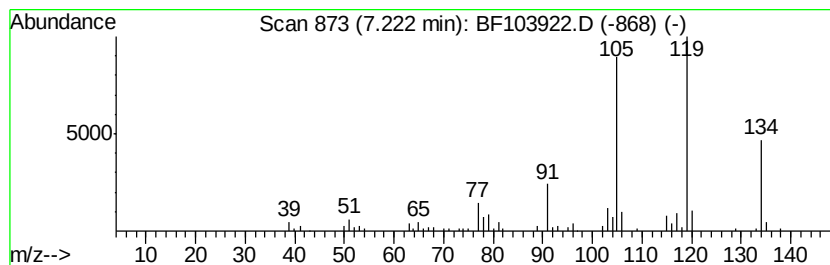
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzene, 1,2-diethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	7.77 ng	335118	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
2		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
3		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
5		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	87



Data Path : Z:\HPCHEM1\BNA F\Data\BF032618\
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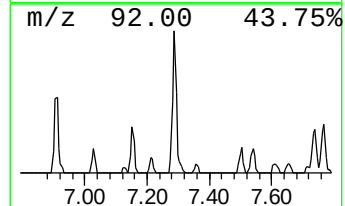
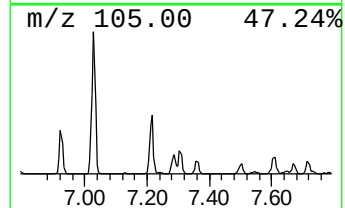
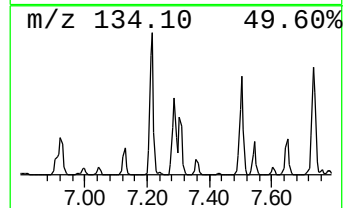
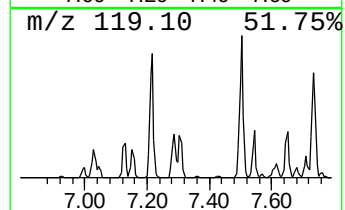
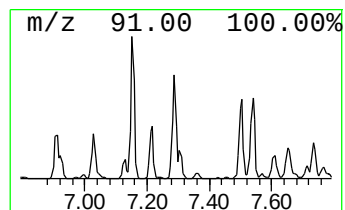
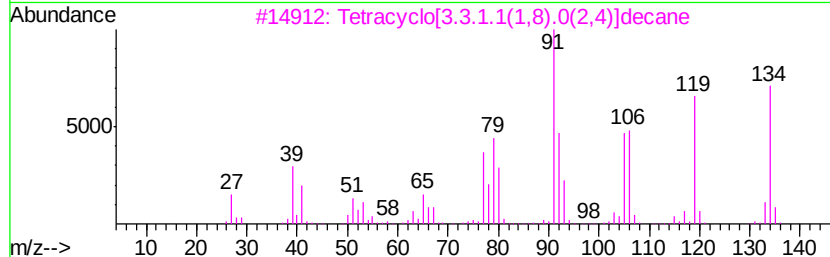
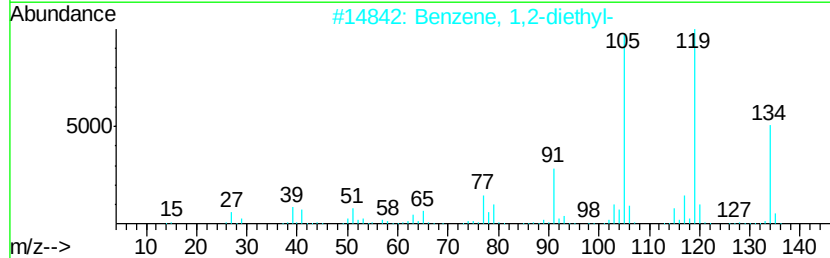
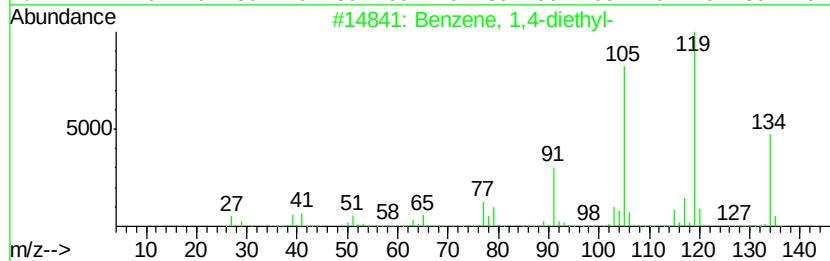
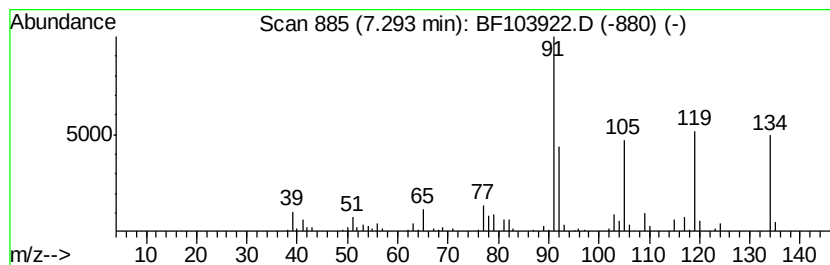
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Benzene, 1,4-diethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.29	5.04 ng	217488	1,4-Dichlorobenzene-d4	6.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	92
2			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	92
3			Tetracyclo[3.3.1.1(1,8).0(2,4)]d...	134	C10H14	1000185-58-7	83
4			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	81
5			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	81



Data Path : Z:\HPCHEM1\BNA F\Data\BF032618\
Data File : BF103922.D
Acq On : 26 Mar 2018 13:31
Operator : JU/SJ
Sample : J1994-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DUP-031918

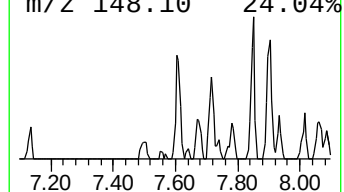
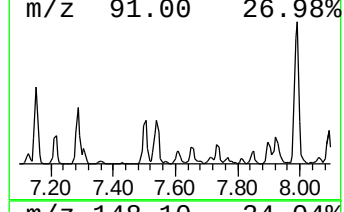
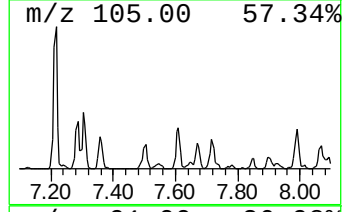
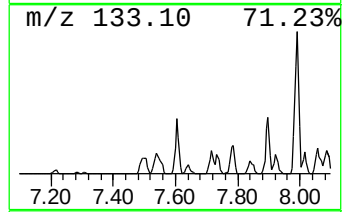
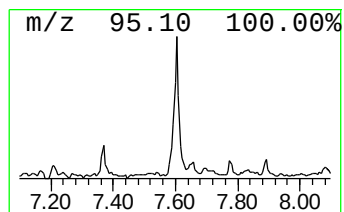
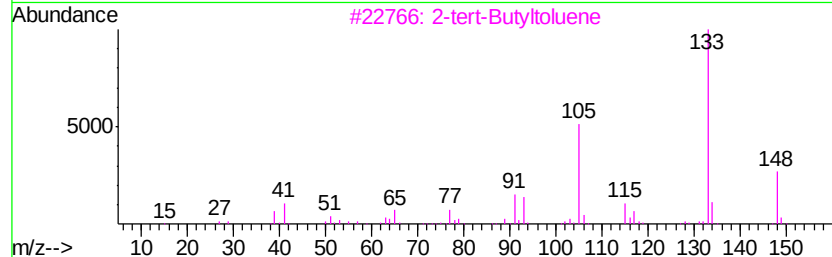
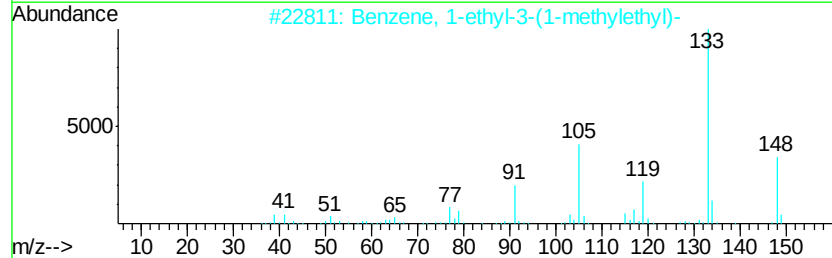
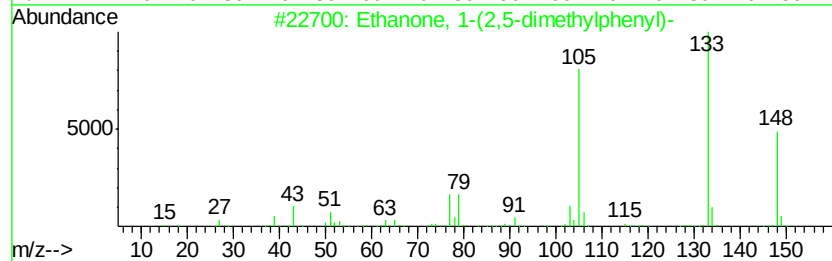
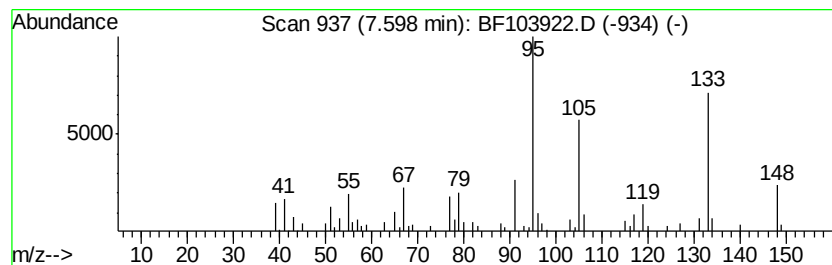
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Ethanone, 1-(2,5-dimethylph... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	4.70 ng	202814	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanone, 1-(2,5-dimethylphenyl)-	148	C10H12O	002142-73-6	86
2		Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	83
3		2-tert-Butyltoluene	148	C11H16	001074-92-6	55
4		Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	49
5		Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	49



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Sample : J1994-04
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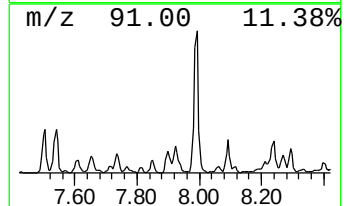
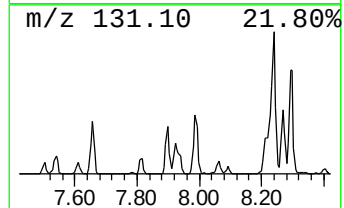
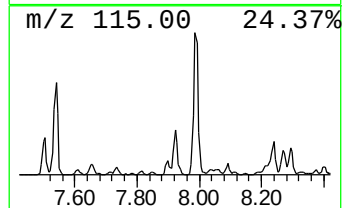
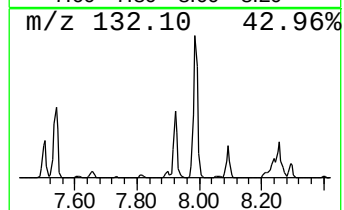
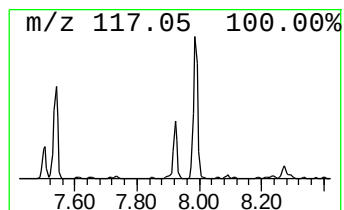
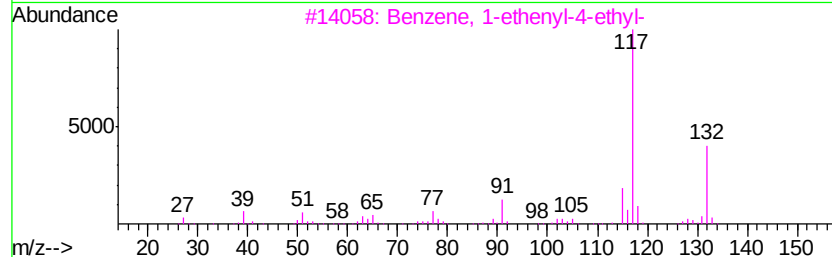
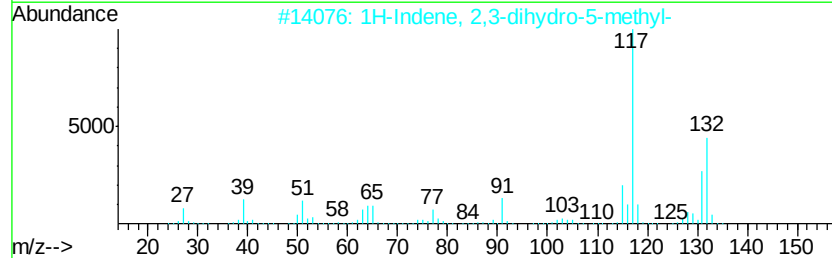
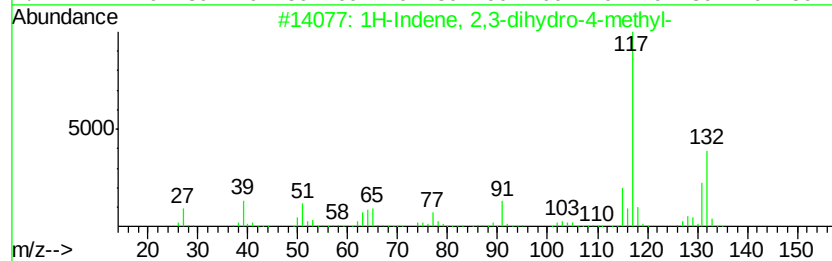
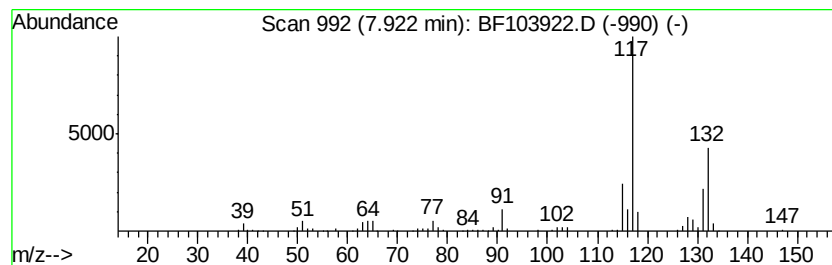
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.92	4.42 ng	418380	Napthalene-d8	8.26

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	94
2			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
3			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	90
4			Indan, 1-methyl-	132	C10H12	000767-58-8	90
5			Benzene, 2-butenyl-	132	C10H12	001560-06-1	83



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Sample : J1994-04
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ALS Vial : 11 Sample Multiplier: 1

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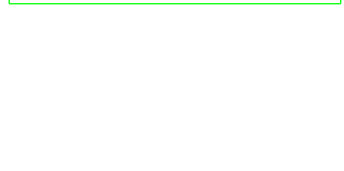
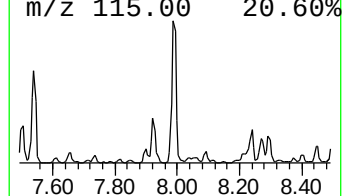
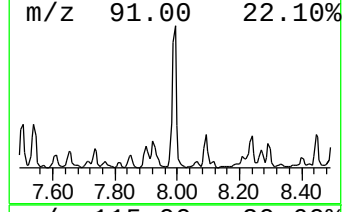
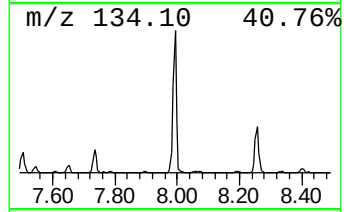
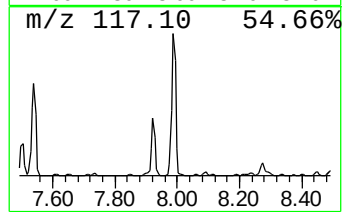
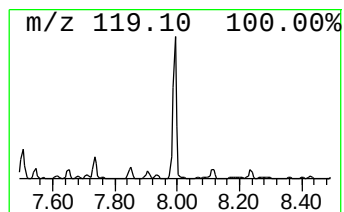
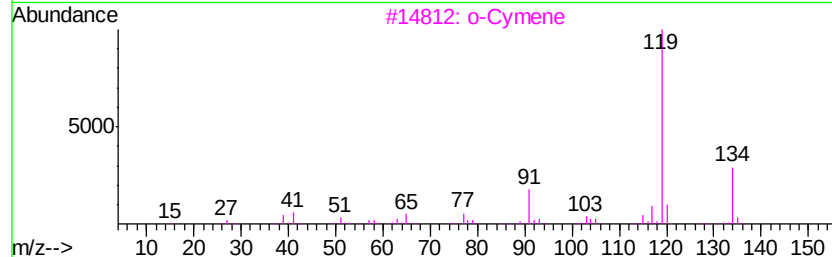
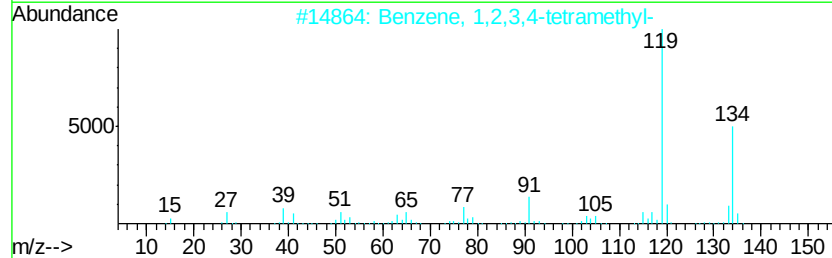
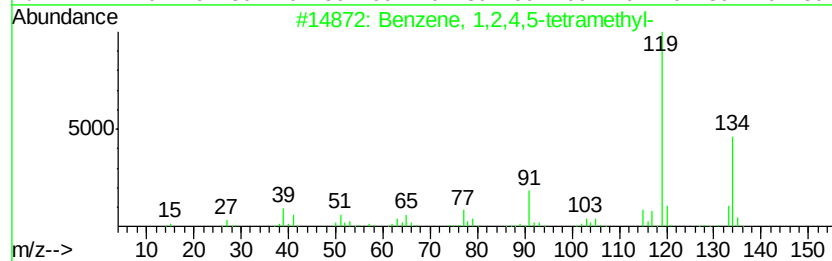
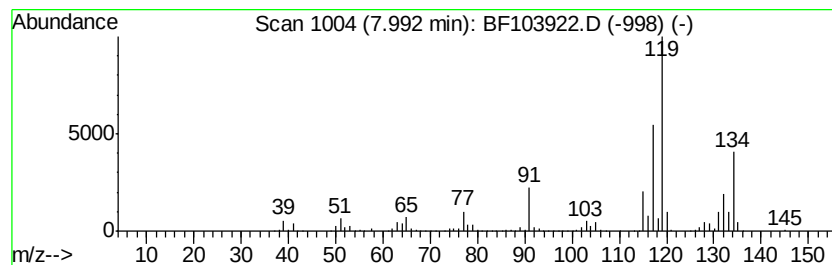
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.99	20.59 ng	1947530	Napthalene-d8	8.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
2		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	64
3		o-Cymene	134	C10H14	000527-84-4	60
4		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	60
5		p-Cymene	134	C10H14	000099-87-6	60



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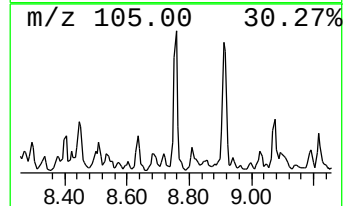
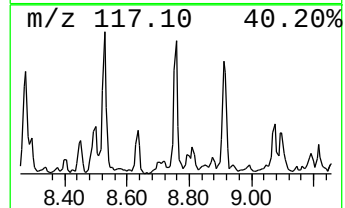
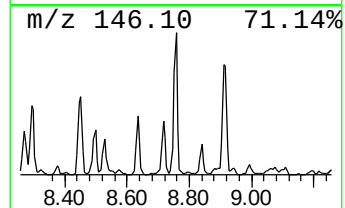
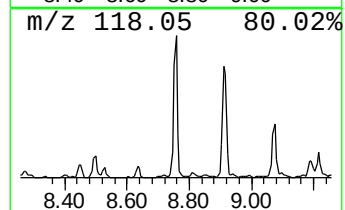
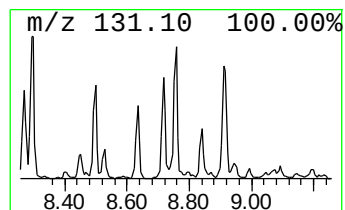
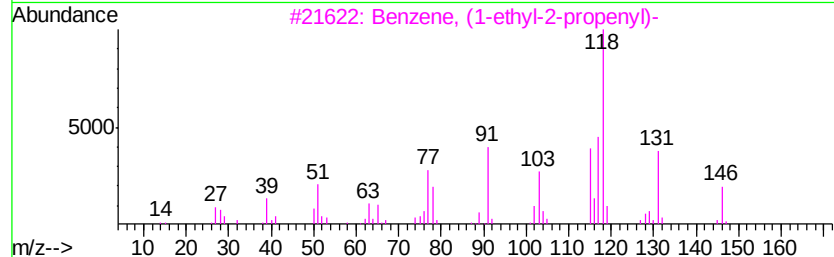
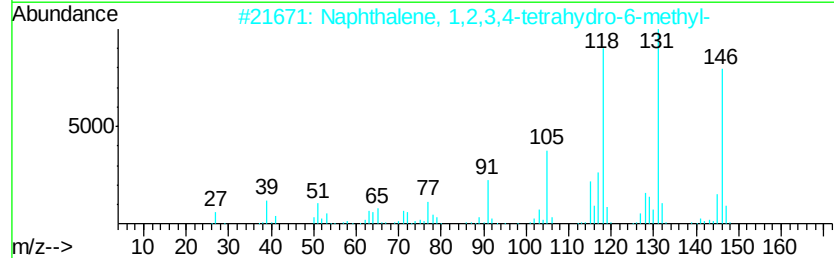
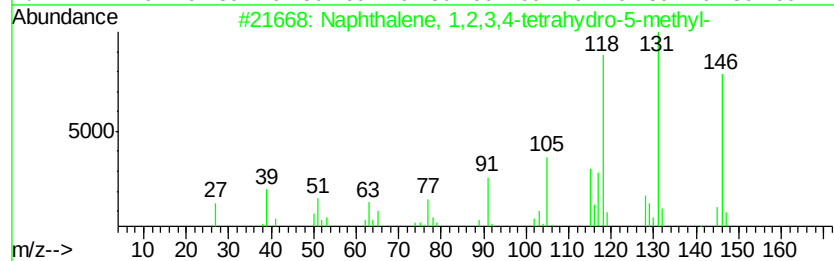
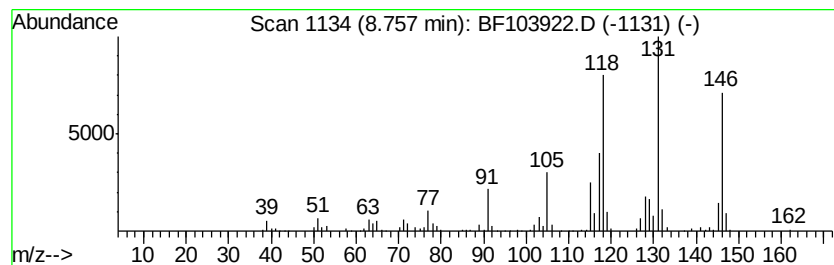
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Naphthalene, 1,2,3,4-tetra... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.76	5.22 ng	493616	Naphthalene-d8	8.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	97
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	96
3		Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	90
4		Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	78
5		2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	74



Data Path : Z:\HPCHEM1\BNA F\Data\BF032618\
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ClientSampleId :
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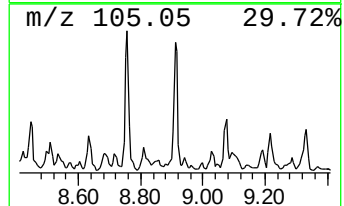
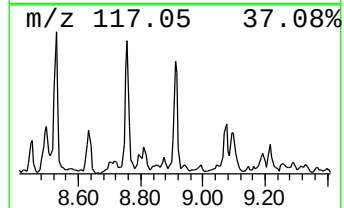
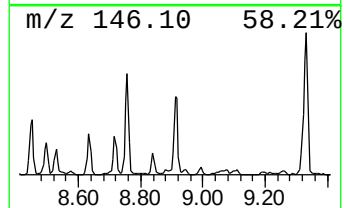
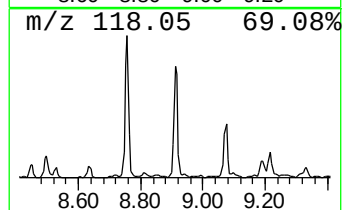
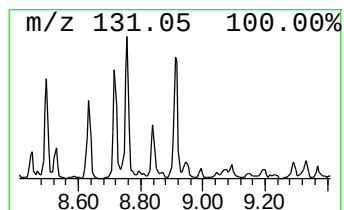
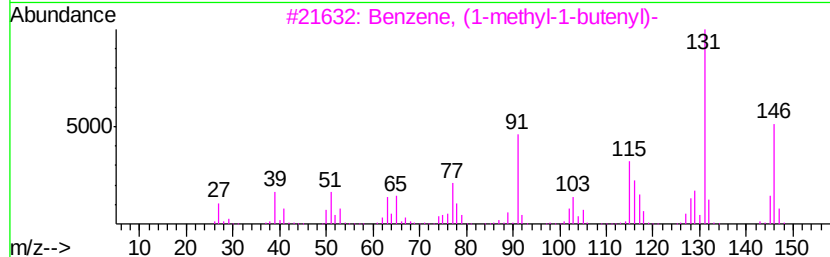
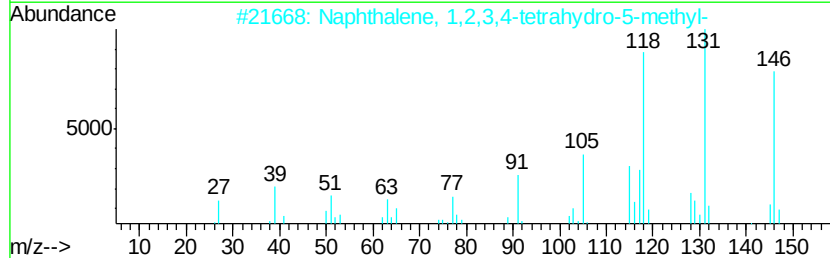
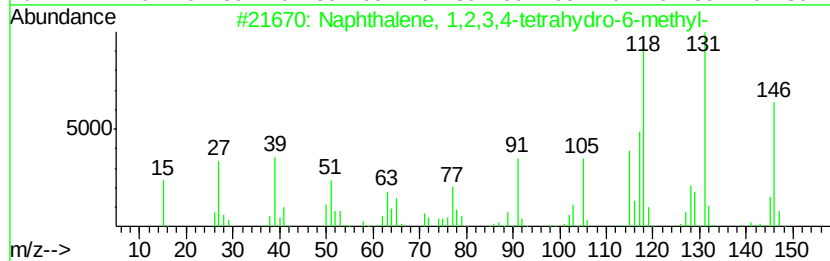
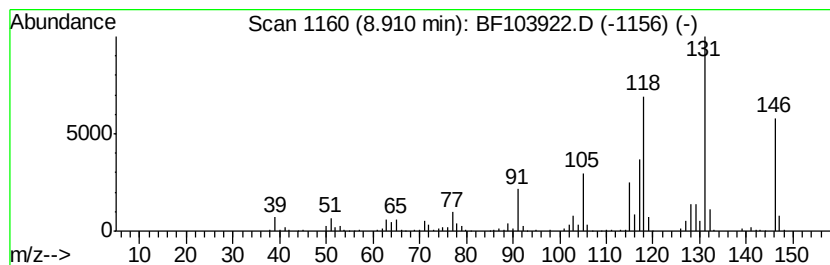
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Naphthalene, 1,2,3,4-tetra... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.91	4.72 ng	446901	Naphthalene-d8	8.26

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	96
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	95
3			Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	76
4			Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	76
5			1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	70



Data Path : Z:\HPCHEM1\BNA F\Data\BF032618\
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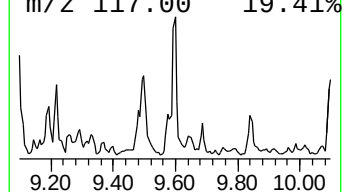
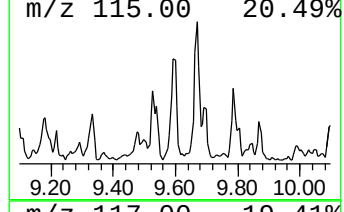
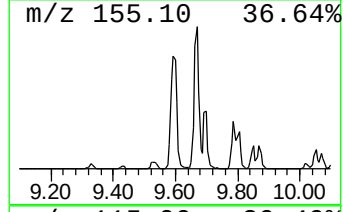
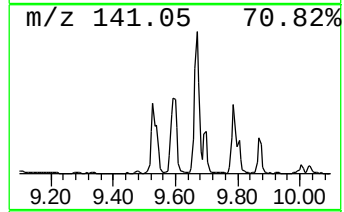
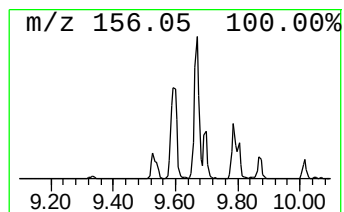
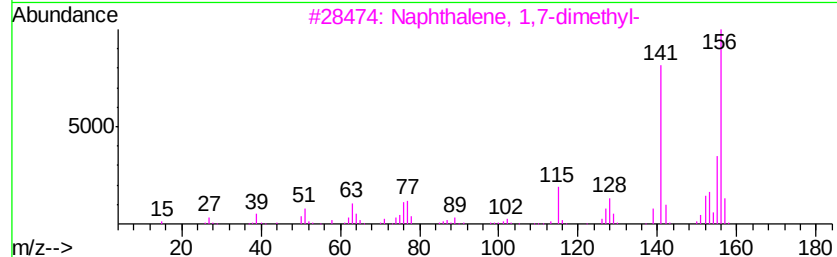
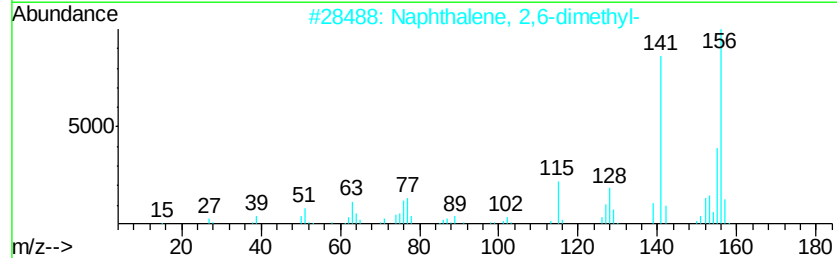
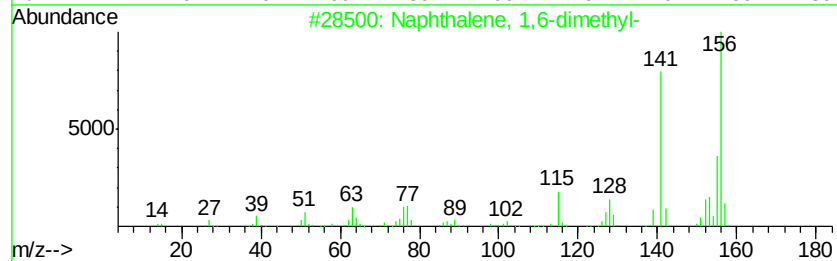
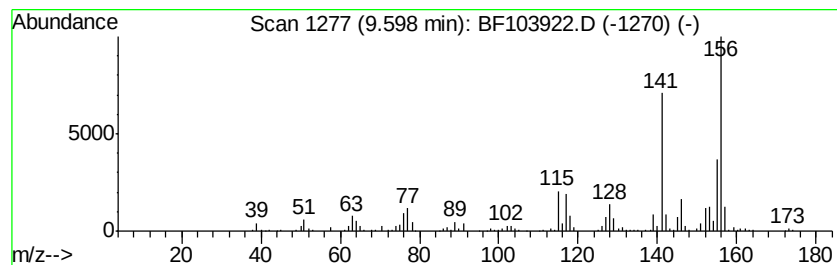
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Naphthalene, 1,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.60	8.72 ng	574214	Acenaphthene-d10	10.02

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



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Sample : J1994-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

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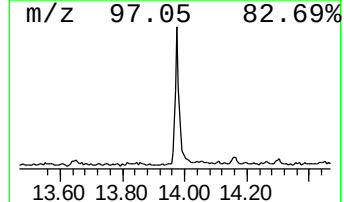
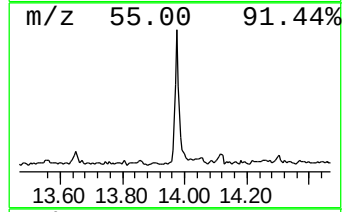
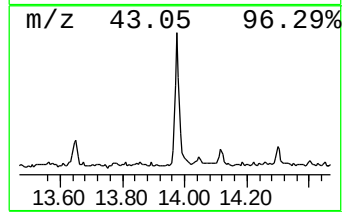
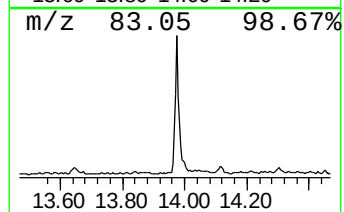
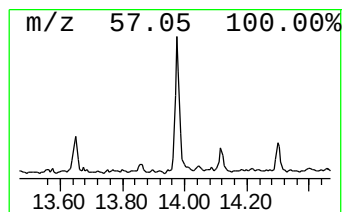
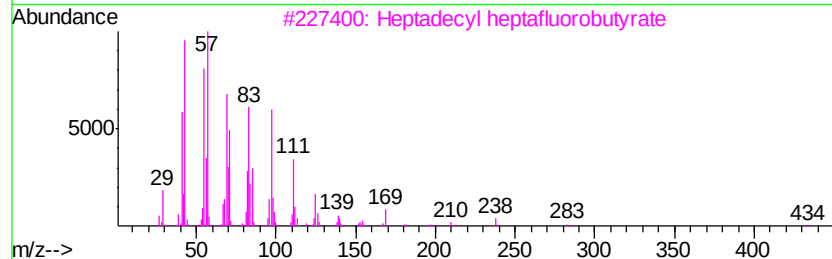
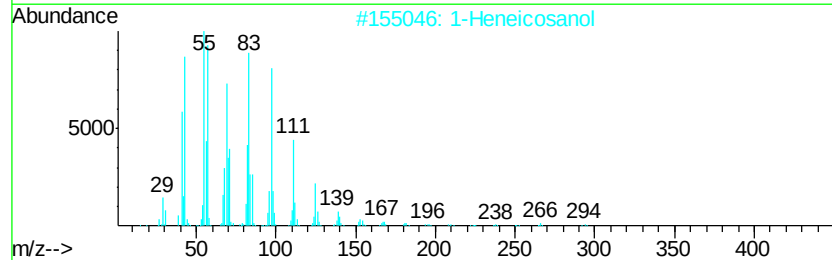
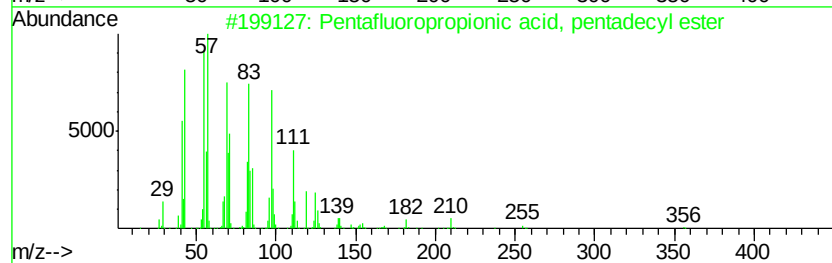
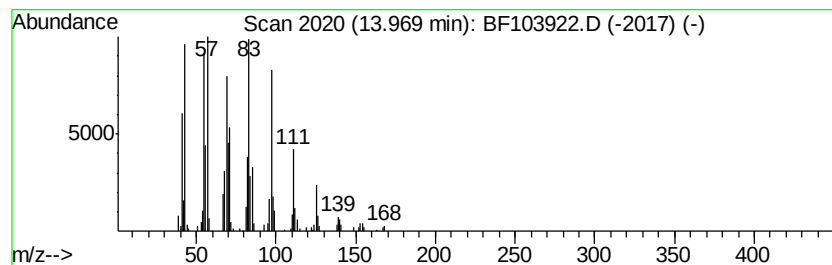
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Pentafluoropropionic acid, ... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	4.68 ng	270679	Chrysene-d12	14.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
2			1-Heneicosanol	312	C21H44O	015594-90-8	93
3			Heptadecyl heptafluorobutvrate	452	C21H35F7O2	959085-66-6	93
4			Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	92
5			Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	92



Data Path : Z:\HPCHEM1\BNA F\Data\BF032618\
Data File : BF103922.D
Acq On : 26 Mar 2018 13:31
Operator : JU/SJ
Sample : J1994-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP-031918

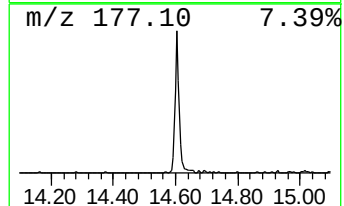
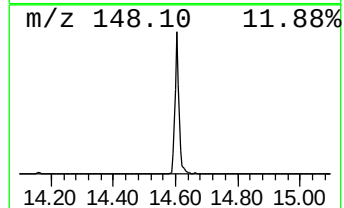
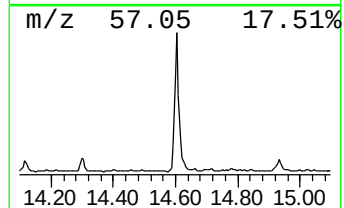
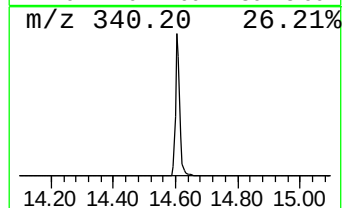
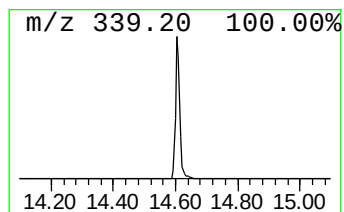
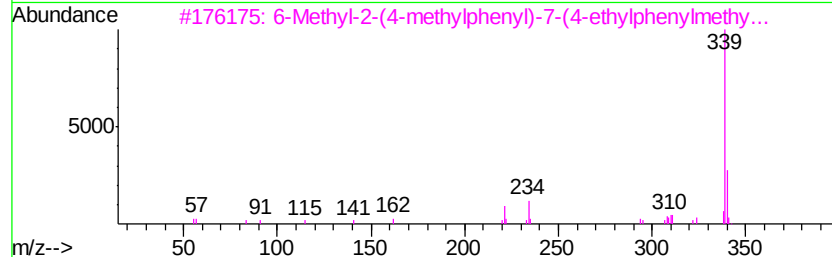
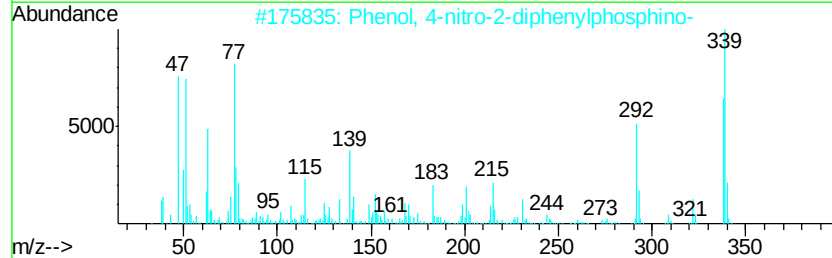
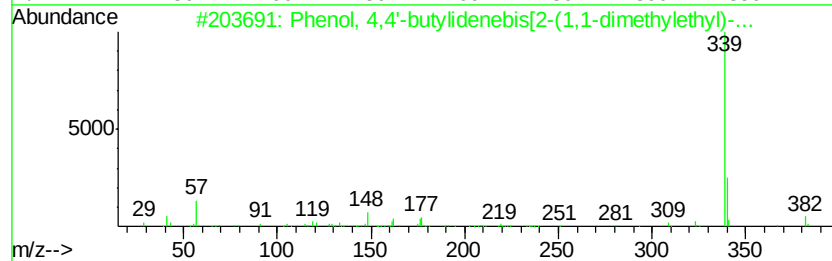
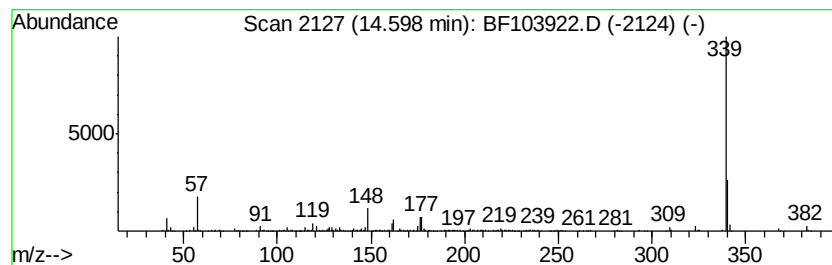
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Phenol, 4,4'-butylidenebis[... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	22.52 ng	1302540	Chrysene-d12	14.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 4,4'-butylidenebis[2-(1,...	382	C26H38O2	000085-60-9	99
2		Phenol, 4-nitro-2-diphenylphosph...	339	C18H14NO4P	309279-63-8	53
3		6-Methyl-2-(4-methylphenyl)-7-(4...	339	C25H25N	080193-45-9	50
4		1-(2,6-Dimethylphenyl)iminomethyl...	339	C23H17NO2	129086-91-5	50
5		4-Phenyl-2-(2-hydroxyphenyl)-6-(...	339	C22H17N3O	1000070-58-2	50



Data Path : Z:\HPCHEM1\BNA_F\Data\BF032618\
 Data File : BF103922.D
 Acq On : 26 Mar 2018 13:31
 Operator : JU/SJ
 Sample : J1994-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP-031918

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	2.32	11.5	ng	495715	1	6.97	862379	20.0
2-Pentanone, 4-hy...	5.20	4.2	ng	180850	1	6.97	862379	20.0
Benzene, (1-methy...	6.15	20.8	ng	898670	1	6.97	862379	20.0
Benzene, propyl-	6.43	4.7	ng	200563	1	6.97	862379	20.0
unknown6.75	6.75	78.4	ng	3381080	1	6.97	862379	20.0
Benzene, (1-methy...	6.92	4.0	ng	170559	1	6.97	862379	20.0
Benzene, 1,2,3-tr...	7.03	10.3	ng	442401	1	6.97	862379	20.0
Indane	7.15	20.6	ng	885981	1	6.97	862379	20.0
Benzene, 1,2-diet...	7.22	7.8	ng	335118	1	6.97	862379	20.0
Benzene, 1,4-diet...	7.29	5.0	ng	217488	1	6.97	862379	20.0
Ethanone, 1-(2,5-...	7.60	4.7	ng	202814	1	6.97	862379	20.0
1H-Indene, 2,3-di...	7.92	4.4	ng	418380	2	8.26	1891650	20.0
Benzene, 1,2,4,5-...	7.99	20.6	ng	1947530	2	8.26	1891650	20.0
Naphthalene, 1,2,...	8.76	5.2	ng	493616	2	8.26	1891650	20.0
Naphthalene, 1,2,...	8.91	4.7	ng	446901	2	8.26	1891650	20.0
Naphthalene, 1,6-...	9.60	8.7	ng	574214	3	10.02	1317460	20.0
Pentafluoropropio...	13.97	4.7	ng	270679	5	14.16	1156570	20.0
Phenol, 4,4'-buty...	14.60	22.5	ng	1302540	5	14.16	1156570	20.0