

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042717\
 Data File : BF094678.D
 Acq On : 27 Apr 2017 21:57
 Operator : SJ/MA
 Sample : I2820-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HY-SB434A

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-BF041717.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	3.942	333	341	347	rBV2	298198	495873	14.54%	0.394%
2	4.331	402	407	413	rBV	3001027	2955925	86.65%	2.348%
3	4.954	510	513	520	rVB	793322	970790	28.46%	0.771%
4	5.160	542	548	557	rBV2	303514	654497	19.19%	0.520%
5	5.254	560	564	568	rBV2	377325	478849	14.04%	0.380%
6	5.401	584	589	593	rBV	2820745	3275812	96.03%	2.602%
7	5.484	599	603	606	rBV2	371288	574818	16.85%	0.457%
8	5.525	606	610	613	rVB	3063300	3275159	96.01%	2.602%
9	5.725	637	644	647	rBV3	369127	613065	17.97%	0.487%
10	5.772	649	652	656	rVB	827225	749743	21.98%	0.596%
11	5.948	679	682	686	rBV	2631021	2945155	86.33%	2.340%
12	6.066	697	702	703	rVV3	483488	680986	19.96%	0.541%
13	6.084	703	705	712	rVV3	428167	653066	19.14%	0.519%
14	6.219	726	728	731	rVB	611838	549583	16.11%	0.437%
15	6.401	750	759	761	rBV3	1097307	2157464	63.24%	1.714%
16	6.425	761	763	766	rVV	2160879	2101243	61.59%	1.669%
17	6.531	778	781	786	rVB2	693545	826200	24.22%	0.656%
18	6.672	803	805	808	rVB	608973	601785	17.64%	0.478%
19	6.707	808	811	817	rBV2	948471	1149946	33.71%	0.914%
20	6.778	817	823	826	rVB3	407688	534192	15.66%	0.424%
21	6.836	826	833	838	rBV4	1186969	2251572	66.00%	1.789%
22	6.883	838	841	845	rVB3	595456	608091	17.83%	0.483%
23	6.966	851	855	858	rVB2	937479	1244335	36.48%	0.988%
24	7.013	861	863	868	rVB4	485774	572217	16.77%	0.455%
25	7.078	868	874	878	rBV6	461956	849392	24.90%	0.675%
26	7.166	886	889	896	rVB6	441039	775062	22.72%	0.616%
27	7.225	896	899	900	rBV	535819	549227	16.10%	0.436%
28	7.266	903	906	911	rVB2	1731993	2181816	63.96%	1.733%
29	7.307	911	913	915	rBV2	514991	551869	16.18%	0.438%
30	7.336	915	918	922	rVB2	1079306	1189715	34.87%	0.945%
31	7.395	925	928	934	rVB4	636970	822915	24.12%	0.654%
32	7.513	944	948	950	rBV2	1341573	1391886	40.80%	1.106%
33	7.607	961	964	968	rBV3	671890	1131313	33.16%	0.899%
34	7.648	968	971	974	rVB3	1186110	1211698	35.52%	0.963%

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35	7.683	974	977	982	rBV4	315841	587726	17.23%	0.467%
36	7.731	982	985	986	rBV3	438292	478434	14.02%	0.380%
37	7.748	986	988	992	rVB	930072	823671	24.14%	0.654%
38	7.836	997	1003	1008	rBV3	2527600	3411394	100.00%	2.710%
39	7.889	1008	1012	1015	rBV	1879029	1899558	55.68%	1.509%
40	7.948	1019	1022	1027	rVB4	854079	1276991	37.43%	1.014%
41	7.989	1027	1029	1032	rBV2	751338	761516	22.32%	0.605%
42	8.042	1035	1038	1040	rBV3	442909	442516	12.97%	0.352%
43	8.078	1041	1044	1046	rVB	1130422	1004638	29.45%	0.798%
44	8.125	1049	1052	1059	rVB6	896209	1428215	41.87%	1.135%
45	8.201	1062	1065	1068	rVB4	393088	496721	14.56%	0.395%
46	8.254	1068	1074	1076	rBV2	1990120	2517518	73.80%	2.000%
47	8.283	1076	1079	1083	rBV3	1532143	1413270	41.43%	1.123%
48	8.360	1088	1092	1094	rBV3	460921	582752	17.08%	0.463%
49	8.477	1110	1112	1116	rBV4	427706	542907	15.91%	0.431%
50	8.542	1120	1123	1125	rVV2	776517	1013226	29.70%	0.805%
51	8.572	1125	1128	1130	rVV2	2545384	3220571	94.41%	2.558%
52	8.595	1130	1132	1134	rVV	2978852	2434062	71.35%	1.934%
53	8.619	1134	1136	1138	rVV2	456735	484953	14.22%	0.385%
54	8.683	1142	1147	1149	rBV5	420866	712502	20.89%	0.566%
55	8.707	1149	1151	1155	rVB2	569378	617200	18.09%	0.490%
56	8.777	1160	1163	1166	rVV	1071926	1371118	40.19%	1.089%
57	8.825	1166	1171	1175	rVB2	1227249	1888938	55.37%	1.501%
58	8.919	1182	1187	1193	rBV2	1969617	3354601	98.34%	2.665%
59	9.007	1198	1202	1205	rBV	1898607	2388012	70.00%	1.897%
60	9.036	1205	1207	1210	rVB	2025332	1966272	57.64%	1.562%
61	9.066	1210	1212	1215	rVB3	460918	417889	12.25%	0.332%
62	9.136	1220	1224	1227	rBV2	2240457	2655194	77.83%	2.109%
63	9.248	1240	1243	1247	rVB3	753153	969533	28.42%	0.770%
64	9.389	1264	1267	1268	rBV3	431566	419104	12.29%	0.333%
65	9.413	1268	1271	1274	rVV3	1171276	1576178	46.20%	1.252%
66	9.448	1275	1277	1279	rVV	823245	804004	23.57%	0.639%
67	9.477	1279	1282	1284	rVB2	746650	733926	21.51%	0.583%
68	9.554	1292	1295	1301	rVB	1329729	2257181	66.17%	1.793%
69	9.607	1301	1304	1307	rVB	792619	729360	21.38%	0.579%
70	9.677	1310	1316	1319	rBV2	1386356	2113738	61.96%	1.679%
71	9.724	1319	1324	1328	rVB2	1534779	2181113	63.94%	1.733%

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72	9.789	1331	1335	1337	rBV4	616048	725293	21.26%	0.576%
73	9.819	1337	1340	1343	rBV	1012206	1029006	30.16%	0.817%
74	9.848	1343	1345	1349	rVB2	1176885	1213363	35.57%	0.964%
75	9.924	1352	1358	1360	rBV4	905432	1630758	47.80%	1.295%
76	10.083	1382	1385	1389	rVB2	1164709	1293835	37.93%	1.028%
77	10.130	1389	1393	1395	rBV2	1083099	1469075	43.06%	1.167%
78	10.283	1415	1419	1422	rVB2	2023305	2210349	64.79%	1.756%
79	10.389	1433	1437	1443	rVB4	1448429	2466709	72.31%	1.960%
80	10.442	1443	1446	1451	rBV4	595048	708325	20.76%	0.563%
81	10.554	1462	1465	1468	rVB	678870	713065	20.90%	0.566%
82	10.613	1471	1475	1478	rVV	2520597	3027731	88.75%	2.405%
83	10.642	1478	1480	1483	rVB	522328	453749	13.30%	0.360%
84	10.801	1504	1507	1509	rBV	889227	790077	23.16%	0.628%
85	10.830	1509	1512	1515	rVV3	534413	722070	21.17%	0.574%
86	10.866	1516	1518	1521	rVB	632684	605448	17.75%	0.481%
87	11.095	1555	1557	1561	rVB3	407906	451968	13.25%	0.359%
88	11.183	1568	1572	1575	rVB	1880202	2104199	61.68%	1.672%
89	11.230	1577	1580	1583	rVV	789849	949033	27.82%	0.754%
90	11.260	1583	1585	1588	rVV	784717	698395	20.47%	0.555%
91	11.313	1592	1594	1597	rVB2	436139	424012	12.43%	0.337%
92	11.389	1604	1607	1610	rVB2	414238	411394	12.06%	0.327%
93	11.854	1682	1686	1689	rBV	841882	1017628	29.83%	0.808%
94	11.889	1689	1692	1699	rVB	990041	1140853	33.44%	0.906%
95	11.983	1705	1708	1711	rBV	484529	584420	17.13%	0.464%
96	12.448	1784	1787	1790	rBV	473809	466931	13.69%	0.371%
97	12.536	1798	1802	1805	rVV2	689548	822554	24.11%	0.653%
98	13.207	1910	1916	1919	rVB	2449627	2826587	82.86%	2.245%
99	14.471	2126	2131	2135	rBV	718674	772184	22.64%	0.613%
100	16.095	2403	2407	2417	rBV	513613	600771	17.61%	0.477%

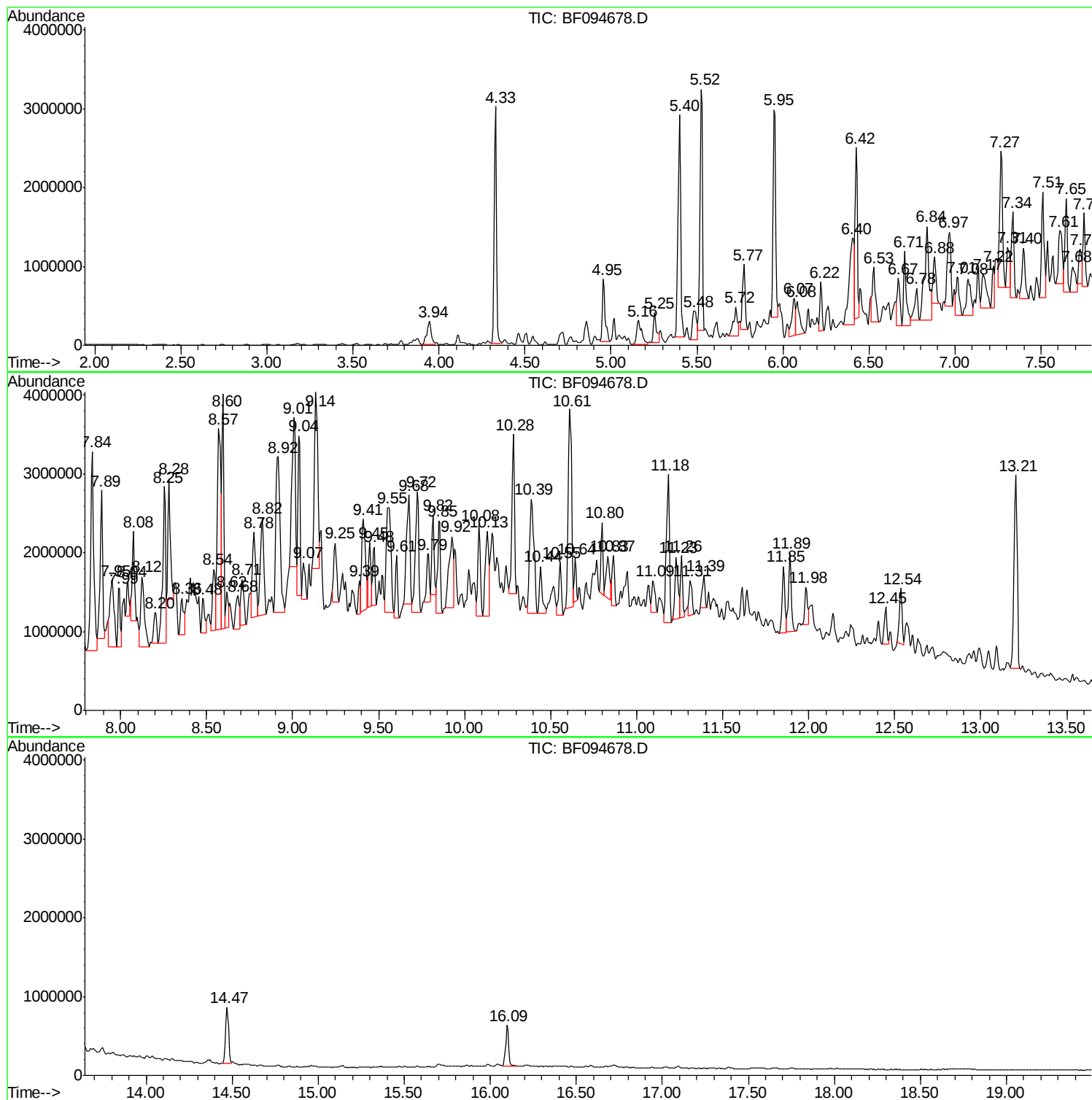
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Instrument :
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ClientSampled :
HY-SB434A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.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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ALS Vial : 15 Sample Multiplier: 1

Instrument :
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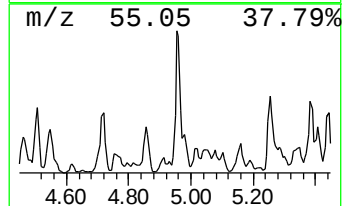
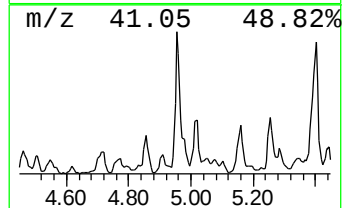
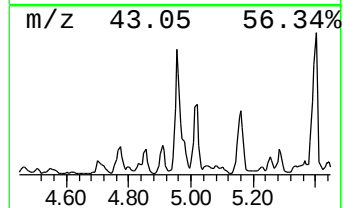
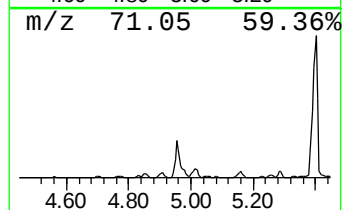
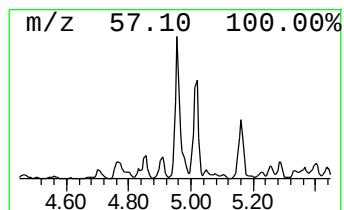
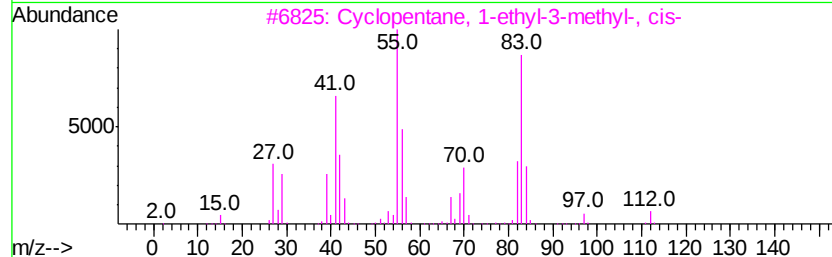
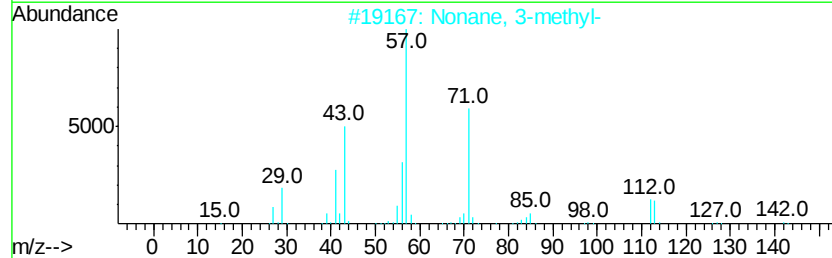
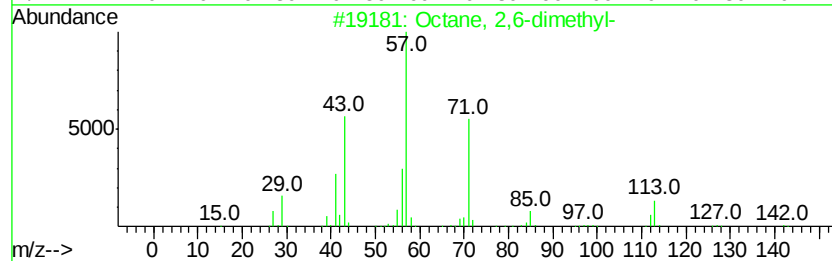
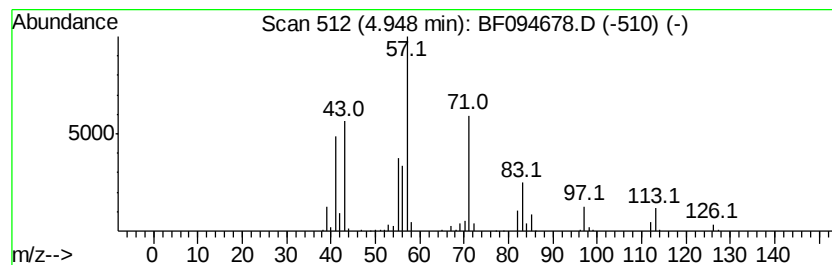
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Octane, 2,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.95	25.90 ng	970790	1,4-Dichlorobenzene-d4	5.77

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	55
2		Nonane, 3-methyl-	142	C10H22	005911-04-6	50
3		Cyclopentane, 1-ethyl-3-methyl-, ...	112	C8H16	002613-66-3	46
4		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	46
5		Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	38



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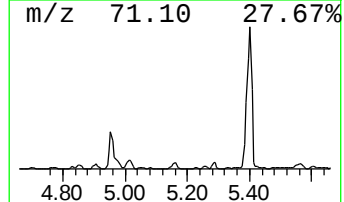
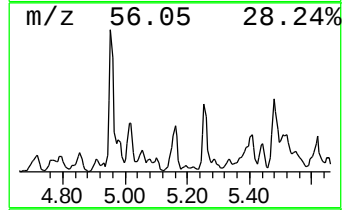
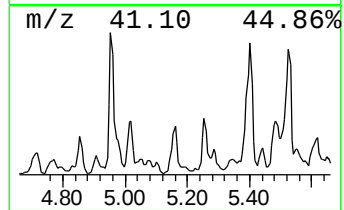
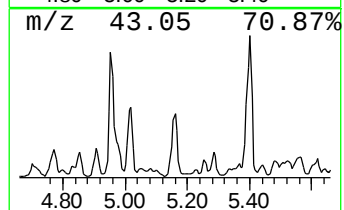
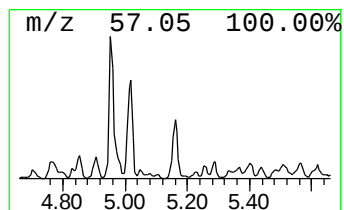
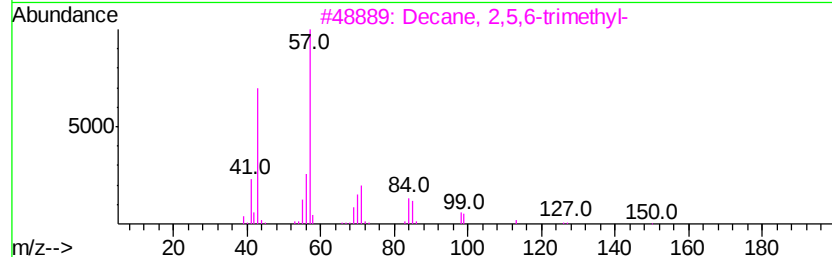
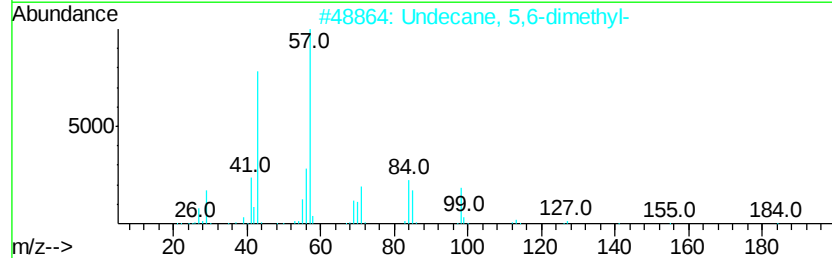
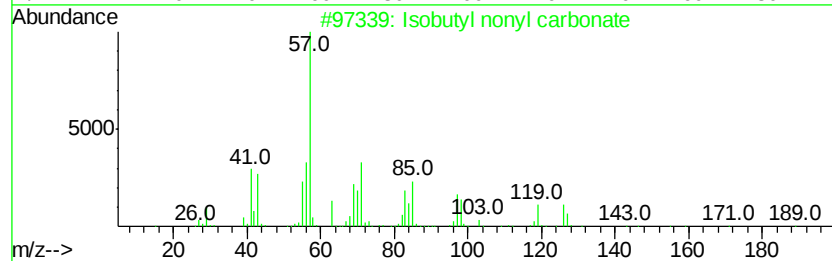
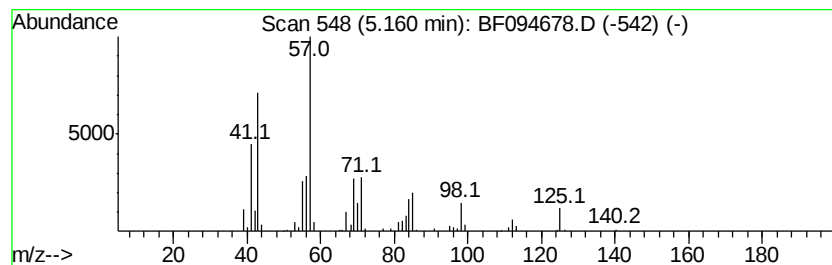
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Isobutyl nonyl carbonate Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.16	17.46 ng	654497	1,4-Dichlorobenzene-d4	5.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Isobutyl nonyl carbonate	244	C14H28O3	959311-27-4	72
2		Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	53
3		Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	53
4		Decane, 5-methyl-	156	C11H24	013151-35-4	50
5		Octane, 4-ethyl-	142	C10H22	015869-86-0	50



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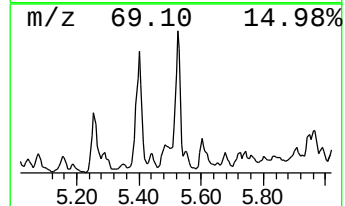
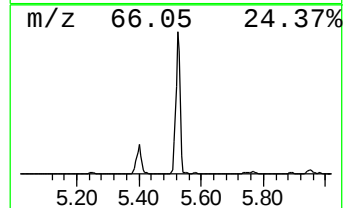
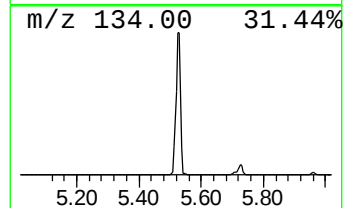
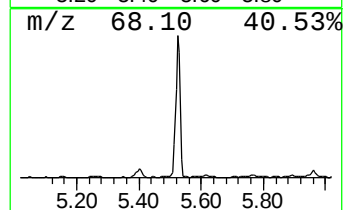
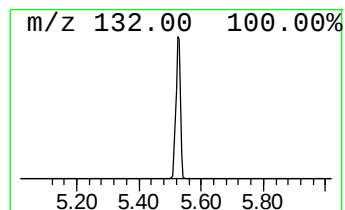
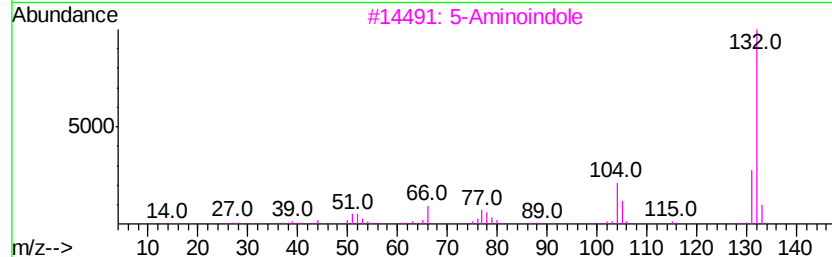
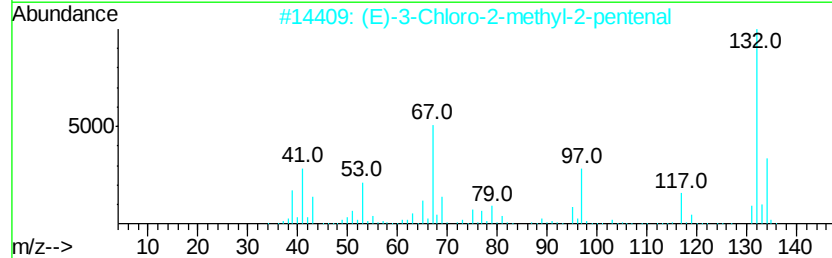
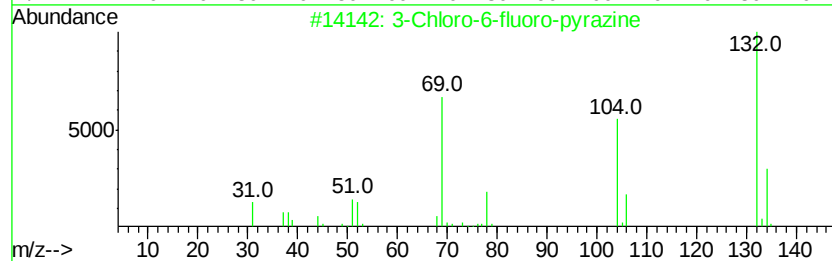
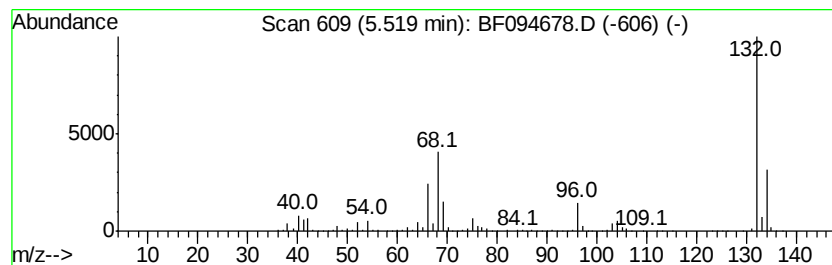
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Peak Number 3 unknown5.52 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.52	87.37 ng	3275160	1,4-Dichlorobenzene-d4	5.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10



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Data File : BF094678.D
Acq On : 27 Apr 2017 21:57
Operator : SJ/MA
Sample : I2820-05
Misc :
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ClientSampleId :
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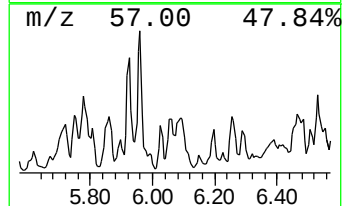
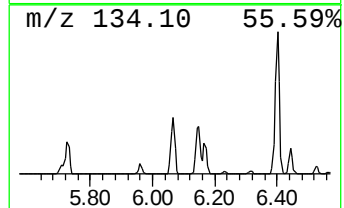
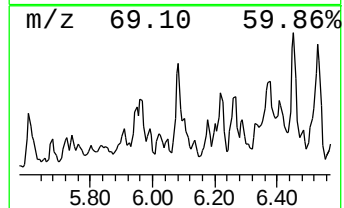
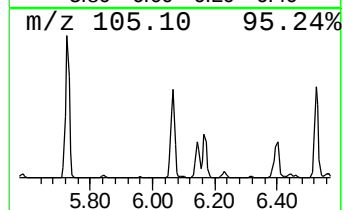
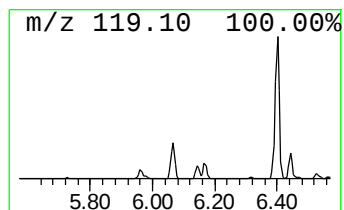
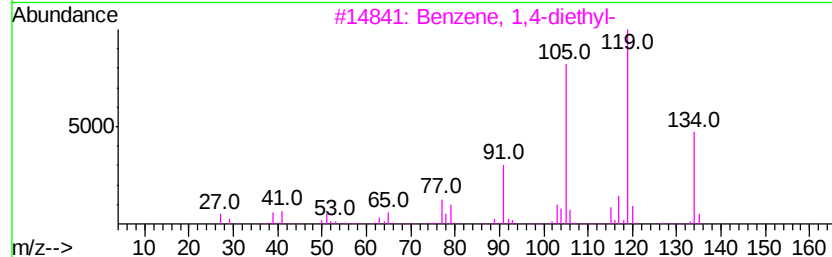
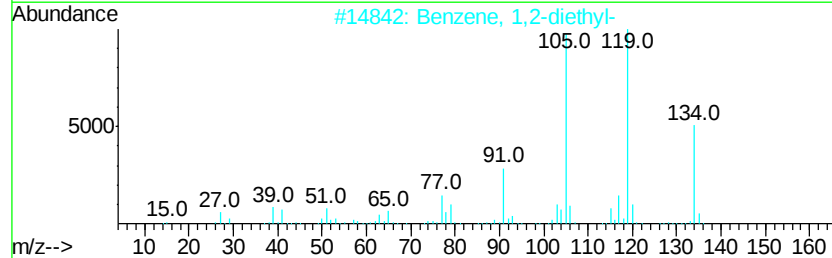
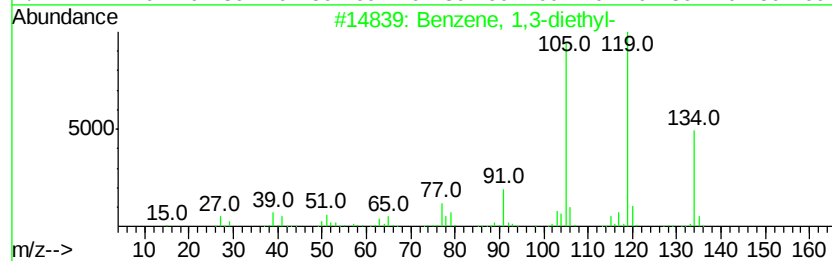
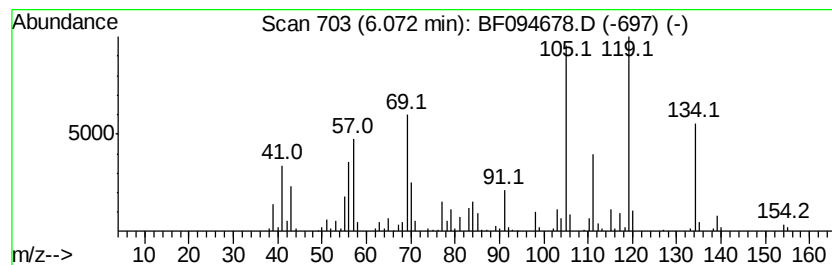
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzene, 1,3-diethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.07	18.17 ng	680986	1,4-Dichlorobenzene-d4	5.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
2		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
4		o-Cymene	134	C10H14	000527-84-4	93
5		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91



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Data File : BF094678.D
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ClientSampleId :
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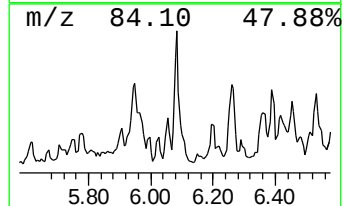
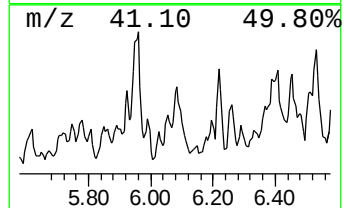
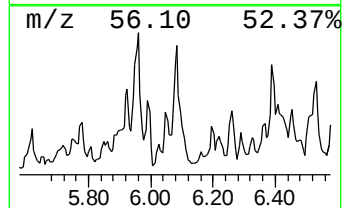
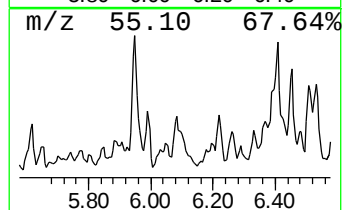
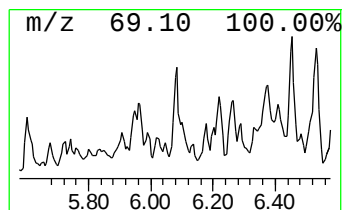
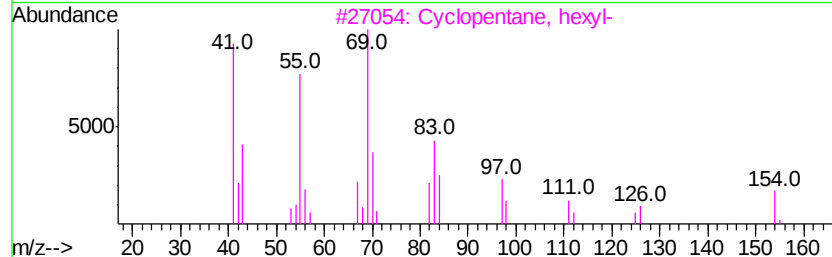
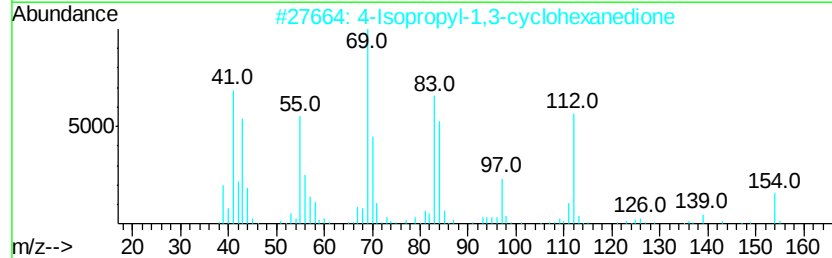
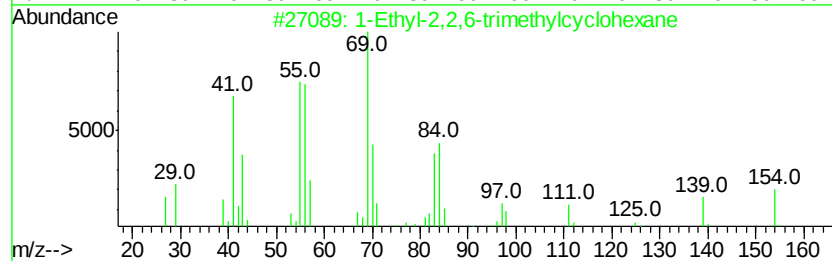
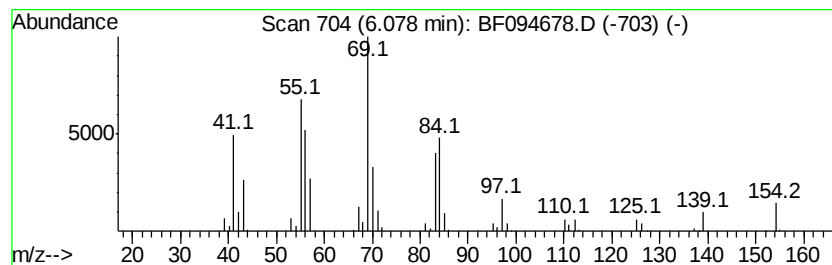
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 1-Ethyl-2,2,6-trimethylcycl... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.08	17.42 ng	653066	1,4-Dichlorobenzene-d4	5.77

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	87
2			4-Isopropyl-1,3-cyclohexanedione	154	C9H14O2	062831-62-3	52
3			Cyclopentane, hexyl-	154	C11H22	004457-00-5	50
4			11-Methyldodecanol	200	C13H28O	085763-57-1	38
5			1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	38



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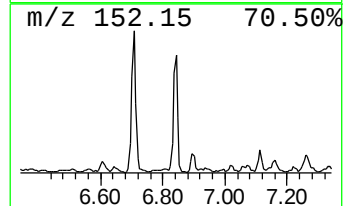
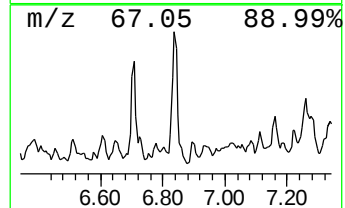
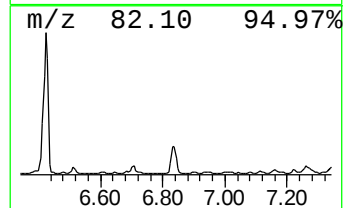
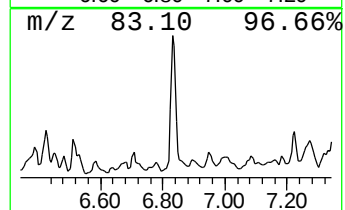
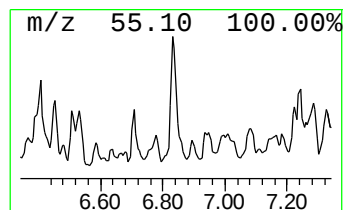
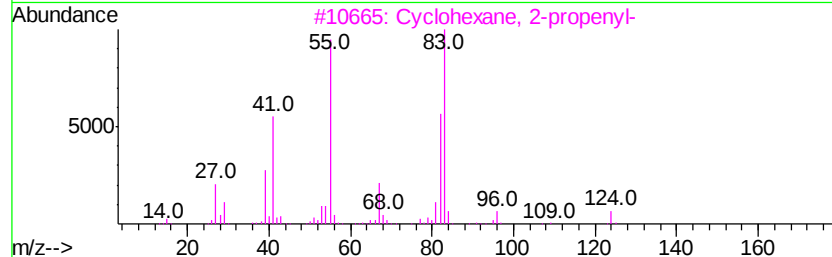
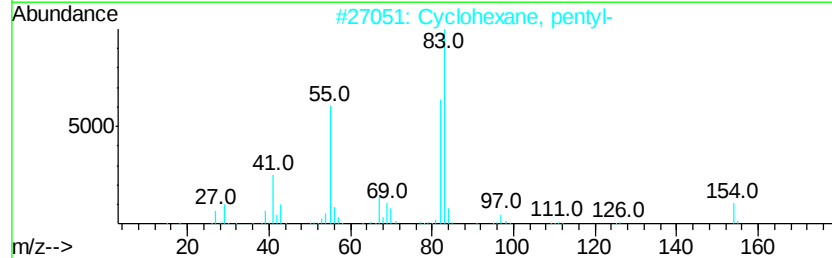
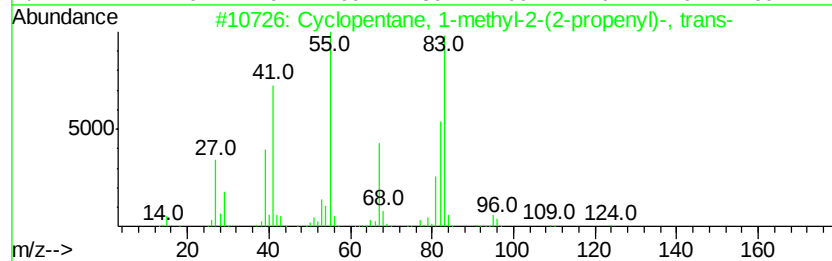
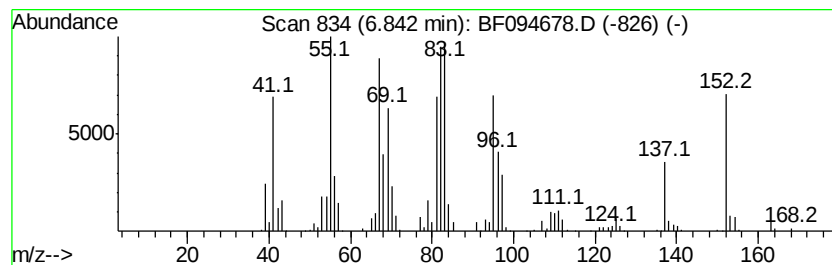
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Cyclopentane, 1-methyl-2-(2... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.84	20.64 ng	2251570	Napthalene-d8	7.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1-methyl-2-(2-prop...	124	C9H16	050746-53-7	64
2		Cyclohexane, pentyl-	154	C11H22	004292-92-6	64
3		Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	52
4		Cyclohexane, undecyl-	238	C17H34	054105-66-7	50
5		Cyclohexane, butyl-	140	C10H20	001678-93-9	50



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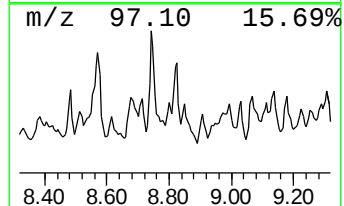
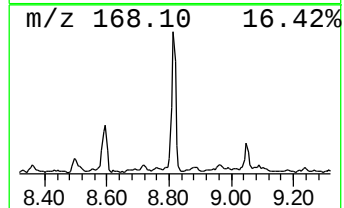
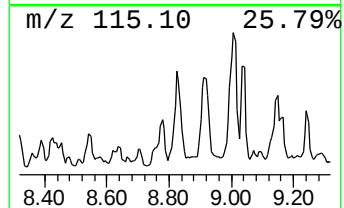
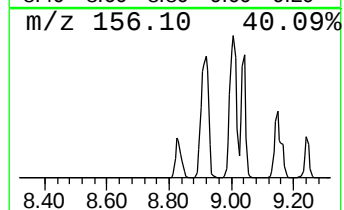
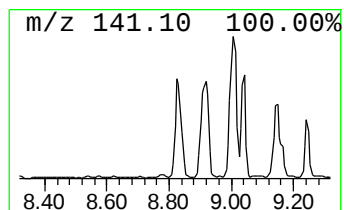
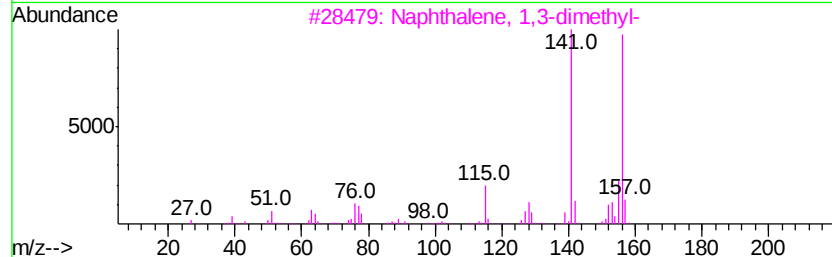
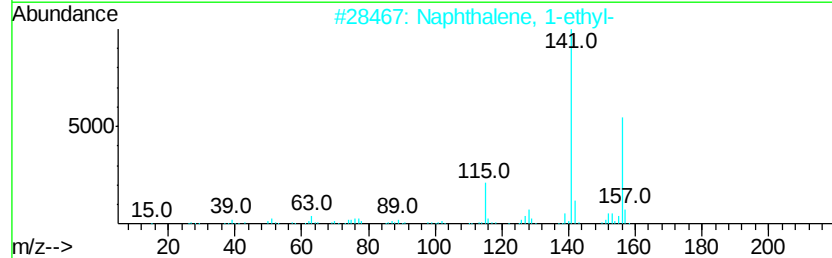
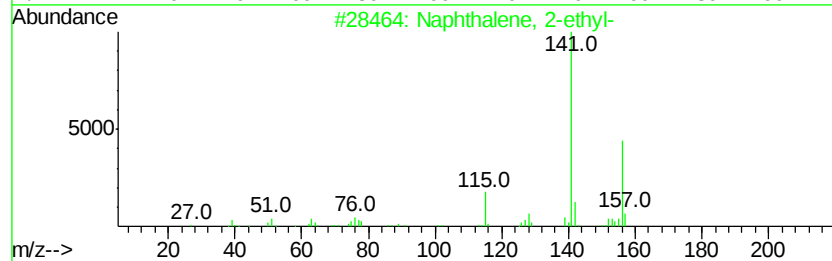
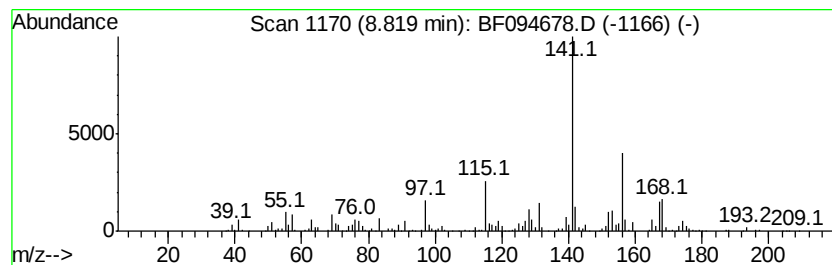
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 2-ethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.82	23.97 ng	1888940	Acenaphthene-d10	9.41
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2-ethyl-	156 C12H12	000939-27-5 96
2		Naphthalene, 1-ethyl-	156 C12H12	001127-76-0 96
3		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 87
4		Naphthalene, 1-propyl-	170 C13H14	002765-18-6 59
5		5-Acetyl-2-amino-4-methylthiazole	156 C6H8N2OS	030748-47-1 53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042717\
Data File : BF094678.D
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ClientSampleId :
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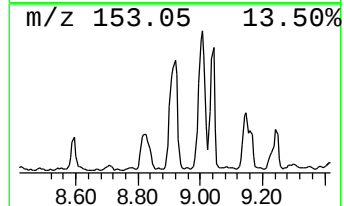
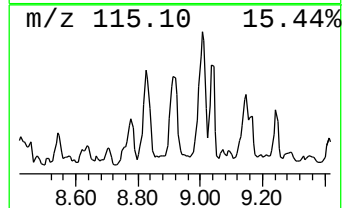
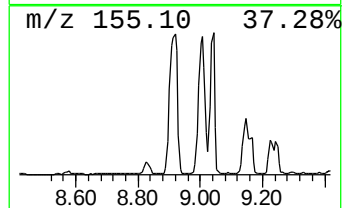
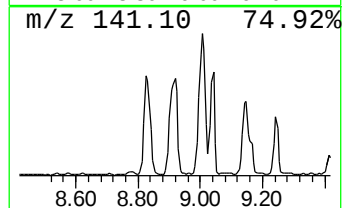
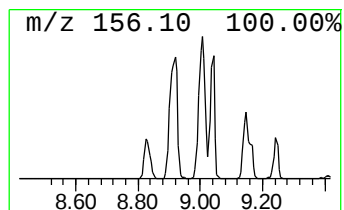
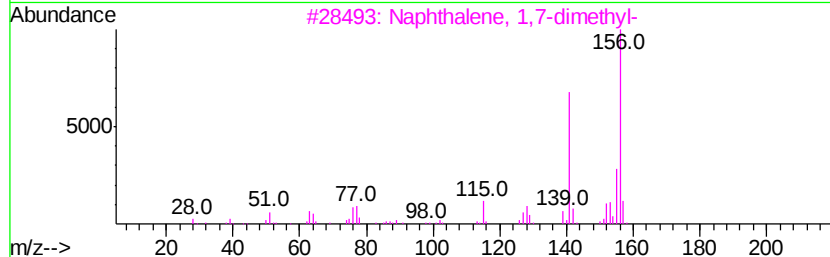
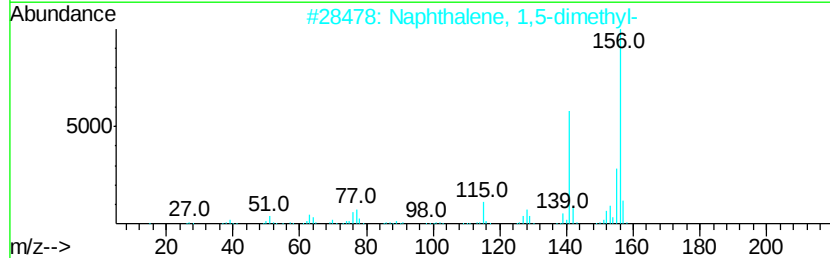
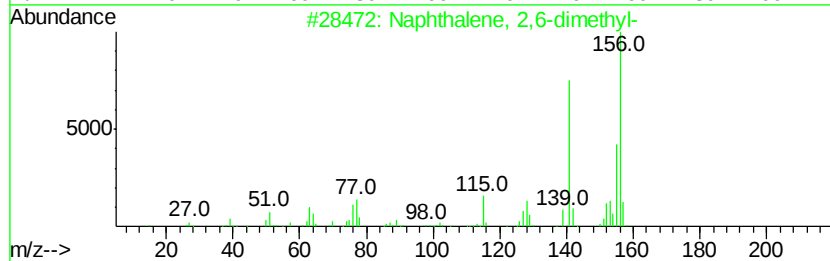
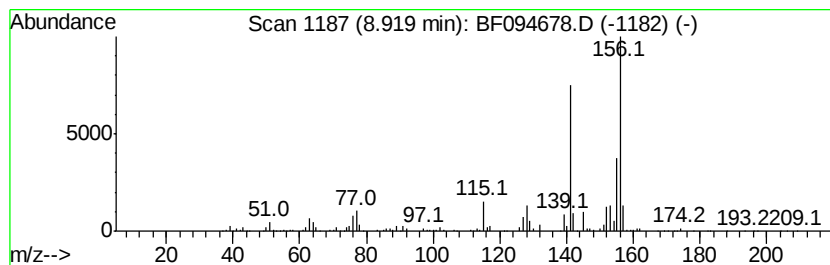
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.92	42.57 ng	3354600	Acenaphthene-d10	9.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042717\
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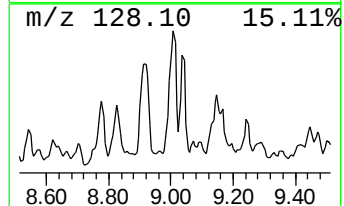
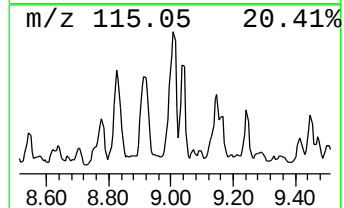
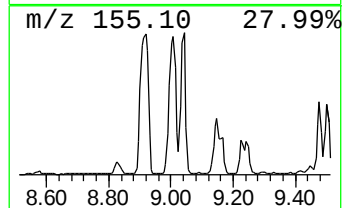
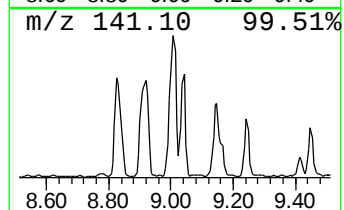
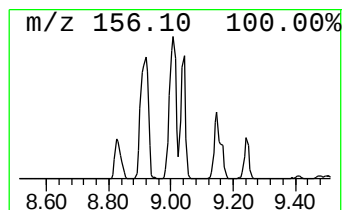
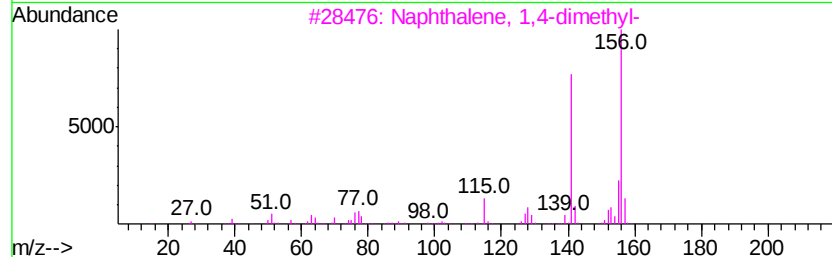
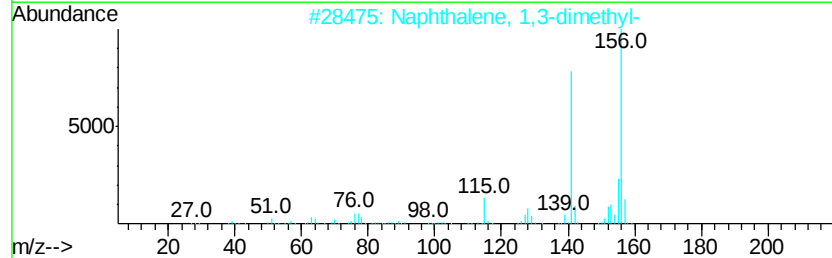
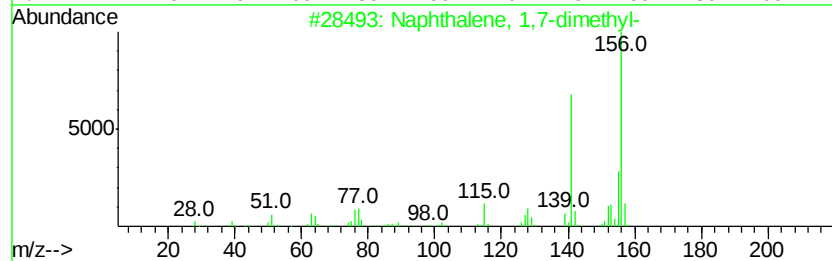
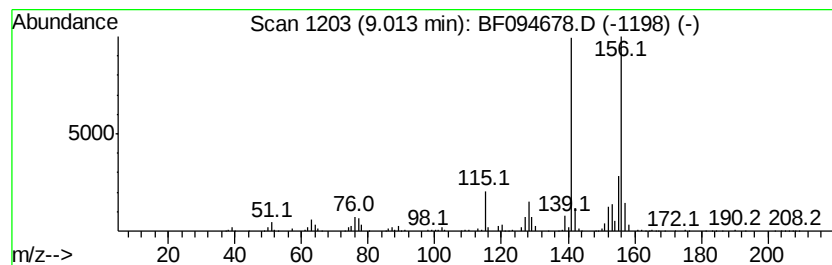
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 1,7-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.01	30.30 ng	2388010	Acenaphthene-d10	9.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042717\
Data File : BF094678.D
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ALS Vial : 15 Sample Multiplier: 1

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ClientSampleId :
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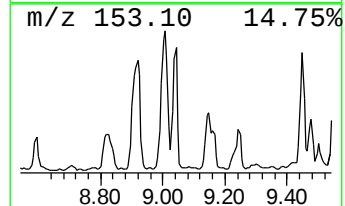
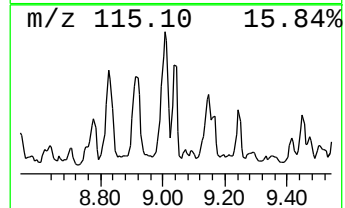
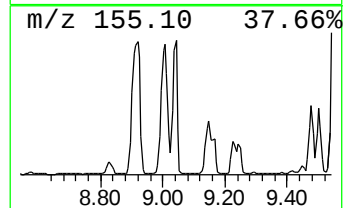
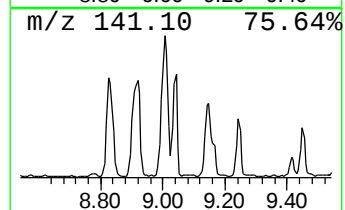
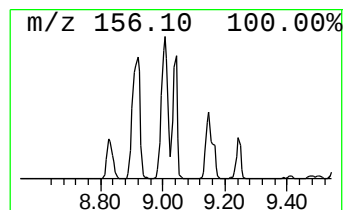
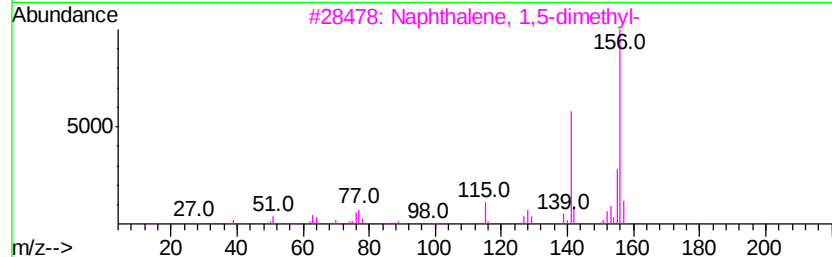
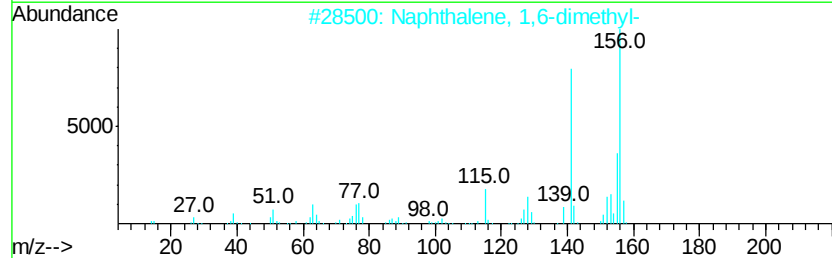
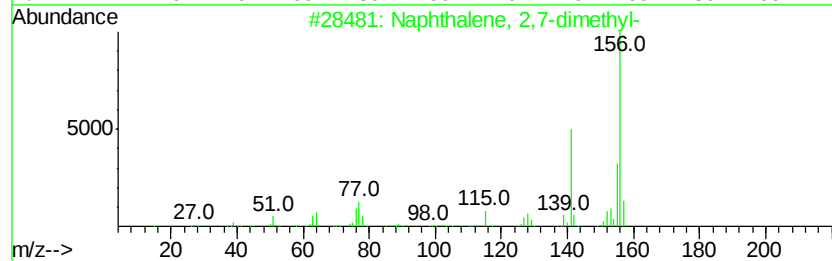
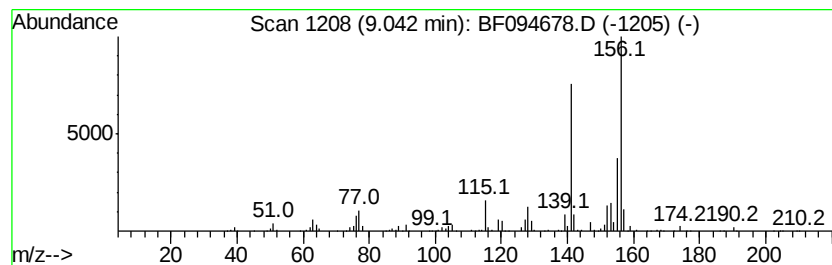
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 2,7-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.04	24.95 ng	1966270	Acenaphthene-d10	9.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042717\
Data File : BF094678.D
Acq On : 27 Apr 2017 21:57
Operator : SJ/MA
Sample : I2820-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HY-SB434A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.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
Octane, 2,6-dimet...	4.95	25.9	ng	970790	1	5.77	749743	20.0
Isobutyl nonyl ca...	5.16	17.5	ng	654497	1	5.77	749743	20.0
unknown5.52	5.52	87.4	ng	3275160	1	5.77	749743	20.0
Benzene, 1,3-diet...	6.07	18.2	ng	680986	1	5.77	749743	20.0
1-Ethyl-2,2,6-tri...	6.08	17.4	ng	653066	1	5.77	749743	20.0
Cyclopentane, 1-m...	6.84	20.6	ng	2251570	2	7.27	2181820	20.0
Naphthalene, 2-et...	8.82	24.0	ng	1888940	3	9.41	1576180	20.0
Naphthalene, 2,6-...	8.92	42.6	ng	3354600	3	9.41	1576180	20.0
Naphthalene, 1,7-...	9.01	30.3	ng	2388010	3	9.41	1576180	20.0
Naphthalene, 2,7-...	9.04	24.9	ng	1966270	3	9.41	1576180	20.0