

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102617\
 Data File : BF099862.D
 Acq On : 26 Oct 2017 15:34
 Operator : SJ/JU
 Sample : I6068-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-04

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-BF102317.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	5.410	562	565	578	rVV	1122554	1243053	26.95%	1.221%
2	6.310	715	718	725	rBV	410072	426813	9.25%	0.419%
3	6.440	736	740	744	rBV	1295965	1322010	28.66%	1.298%
4	6.569	758	762	766	rVB	1558914	1442392	31.27%	1.417%
5	6.616	766	770	773	rBV	726611	676845	14.67%	0.665%
6	6.792	798	800	805	rVV2	691916	594418	12.89%	0.584%
7	6.845	805	809	812	rVB2	344013	299663	6.50%	0.294%
8	6.951	824	827	835	rVB	1164214	1293208	28.04%	1.270%
9	7.063	843	846	848	rVB2	619058	534595	11.59%	0.525%
10	7.110	852	854	860	rVB2	609489	882019	19.12%	0.866%
11	7.181	860	866	869	rBV2	449904	695483	15.08%	0.683%
12	7.257	876	879	881	rBV	352972	317520	6.88%	0.312%
13	7.322	885	890	894	rBV	739465	848685	18.40%	0.834%
14	7.363	894	897	904	rVB2	1211412	1249231	27.08%	1.227%
15	7.434	904	909	912	rBV4	509541	689324	14.94%	0.677%
16	7.475	912	916	918	rBV2	332253	472145	10.24%	0.464%
17	7.563	929	931	933	rBV	737107	582671	12.63%	0.572%
18	7.587	933	935	939	rVB2	824420	759775	16.47%	0.746%
19	7.687	945	952	955	rBV5	520303	1071248	23.22%	1.052%
20	7.751	960	963	966	rVB2	549280	658971	14.29%	0.647%
21	7.787	966	969	971	rBV2	521177	503385	10.91%	0.494%
22	7.816	971	974	977	rBV2	734968	684819	14.85%	0.673%
23	7.892	984	987	989	rVB3	371165	419089	9.09%	0.412%
24	7.945	993	996	999	rBV2	445658	398531	8.64%	0.391%
25	8.022	1004	1009	1012	rBV5	417875	761600	16.51%	0.748%
26	8.063	1012	1016	1017	rBV4	418991	411531	8.92%	0.404%
27	8.081	1017	1019	1021	rVV	389217	368768	7.99%	0.362%
28	8.134	1024	1028	1030	rVB2	1390444	1541166	33.41%	1.514%
29	8.163	1030	1033	1035	rBV3	567632	590713	12.81%	0.580%
30	8.228	1040	1044	1045	rBV4	296690	291849	6.33%	0.287%
31	8.275	1049	1052	1054	rVB3	362721	341506	7.40%	0.335%
32	8.363	1063	1067	1074	rVB4	822873	1155544	25.05%	1.135%
33	8.416	1074	1076	1080	rVB4	574371	562760	12.20%	0.553%
34	8.457	1080	1083	1086	rBV3	532767	646722	14.02%	0.635%

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35	8.498	1086	1090	1092	rBV	1627409	1671224	36.23%	1.641%
36	8.581	1101	1104	1107	rBV2	471147	419645	9.10%	0.412%
37	8.610	1107	1109	1112	rVV5	230155	309085	6.70%	0.304%
38	8.669	1116	1119	1123	rVV4	417582	682128	14.79%	0.670%
39	8.710	1123	1126	1128	rVV5	441328	681311	14.77%	0.669%
40	8.763	1132	1135	1138	rVB2	709505	851225	18.45%	0.836%
41	8.798	1138	1141	1144	rBV	1104700	919203	19.93%	0.903%
42	8.851	1148	1150	1153	rBV4	262191	382076	8.28%	0.375%
43	8.898	1156	1158	1161	rVV2	1101493	996282	21.60%	0.979%
44	8.951	1164	1167	1169	rVV3	607006	620395	13.45%	0.609%
45	8.986	1171	1173	1174	rVV2	752856	649480	14.08%	0.638%
46	9.028	1177	1180	1185	rVV4	388659	481165	10.43%	0.473%
47	9.075	1185	1188	1190	rVV3	542111	506571	10.98%	0.498%
48	9.104	1190	1193	1198	rVV	1668363	1708306	37.04%	1.678%
49	9.157	1199	1202	1207	rVB	1339885	1296536	28.11%	1.273%
50	9.245	1212	1217	1220	rBV3	552998	886003	19.21%	0.870%
51	9.281	1220	1223	1225	rVV3	327859	301256	6.53%	0.296%
52	9.310	1226	1228	1231	rVB3	478158	460719	9.99%	0.453%
53	9.357	1233	1236	1242	rVB	572167	551357	11.95%	0.542%
54	9.428	1245	1248	1252	rBV2	1214675	1671988	36.25%	1.642%
55	9.475	1253	1256	1257	rBV2	294315	272689	5.91%	0.268%
56	9.510	1257	1262	1264	rBV4	1361934	2043817	44.31%	2.007%
57	9.563	1264	1271	1273	rVB3	2259113	3438244	74.54%	3.377%
58	9.586	1273	1275	1278	rVB3	383251	321014	6.96%	0.315%
59	9.622	1278	1281	1283	rBV2	803708	704870	15.28%	0.692%
60	9.704	1292	1295	1298	rBV3	668819	668327	14.49%	0.656%
61	9.745	1299	1302	1306	rVB3	606786	667155	14.46%	0.655%
62	9.810	1311	1313	1315	rBV	577367	606573	13.15%	0.596%
63	9.951	1333	1337	1341	rVB2	879881	1142106	24.76%	1.122%
64	9.998	1341	1345	1349	rBV4	677268	1321503	28.65%	1.298%
65	10.033	1349	1351	1352	rVV	702307	587262	12.73%	0.577%
66	10.051	1352	1354	1358	rVB3	970452	1075459	23.32%	1.056%
67	10.092	1358	1361	1370	rVB3	1483501	2265536	49.12%	2.225%
68	10.169	1370	1374	1377	rBV2	844132	1091389	23.66%	1.072%
69	10.198	1377	1379	1380	rBV	697649	569001	12.34%	0.559%
70	10.257	1385	1389	1391	rBV4	819450	1230733	26.68%	1.209%
71	10.304	1394	1397	1399	rBV2	439016	471665	10.23%	0.463%

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72	10.328	1399	1401	1405	rBV4	386533	406001	8.80%	0.399%
73	10.392	1410	1412	1415	rBV3	333101	366661	7.95%	0.360%
74	10.498	1425	1430	1435	rVB	1885165	2745858	59.53%	2.697%
75	10.545	1436	1438	1440	rBV2	324856	277950	6.03%	0.273%
76	10.651	1452	1456	1458	rBV3	530615	625192	13.55%	0.614%
77	10.769	1471	1476	1481	rBV3	2742885	4612577	100.00%	4.530%
78	10.827	1481	1486	1489	rVV	1928149	3320399	71.99%	3.261%
79	10.869	1489	1493	1496	rVV2	2458846	4385491	95.08%	4.307%
80	10.904	1496	1499	1501	rVV3	2540458	3346415	72.55%	3.287%
81	10.927	1501	1503	1505	rVV	1891699	1737937	37.68%	1.707%
82	10.963	1505	1509	1511	rVV2	1657489	2954505	64.05%	2.902%
83	11.016	1514	1518	1521	rVV3	2147421	3353340	72.70%	3.294%
84	11.057	1521	1525	1526	rVV	2346964	2973116	64.46%	2.920%
85	11.092	1529	1531	1540	rVB3	1983335	2382452	51.65%	2.340%
86	11.233	1551	1555	1557	rVB2	1544694	1548997	33.58%	1.521%
87	11.275	1560	1562	1568	rVB3	564971	815473	17.68%	0.801%
88	11.333	1568	1572	1574	rBV2	435442	642096	13.92%	0.631%
89	11.539	1605	1607	1609	rBV	408919	305695	6.63%	0.300%
90	11.575	1610	1613	1616	rVB2	501250	466855	10.12%	0.459%
91	11.851	1657	1660	1663	rBV	470909	573669	12.44%	0.563%
92	11.880	1663	1665	1669	rVB2	422712	368263	7.98%	0.362%
93	12.404	1751	1754	1757	rBV2	396462	403045	8.74%	0.396%
94	12.592	1784	1786	1789	rVB3	312466	266035	5.77%	0.261%
95	12.898	1835	1838	1840	rBV2	262660	310049	6.72%	0.305%
96	12.927	1840	1843	1846	rVB	1305544	1207113	26.17%	1.186%
97	13.345	1911	1914	1917	rBV4	184115	285479	6.19%	0.280%
98	13.392	1920	1922	1925	rVB	283009	264999	5.75%	0.260%
99	13.951	2014	2017	2021	rBV	1132342	1205873	26.14%	1.184%
100	13.992	2022	2024	2028	rVB	379403	401316	8.70%	0.394%

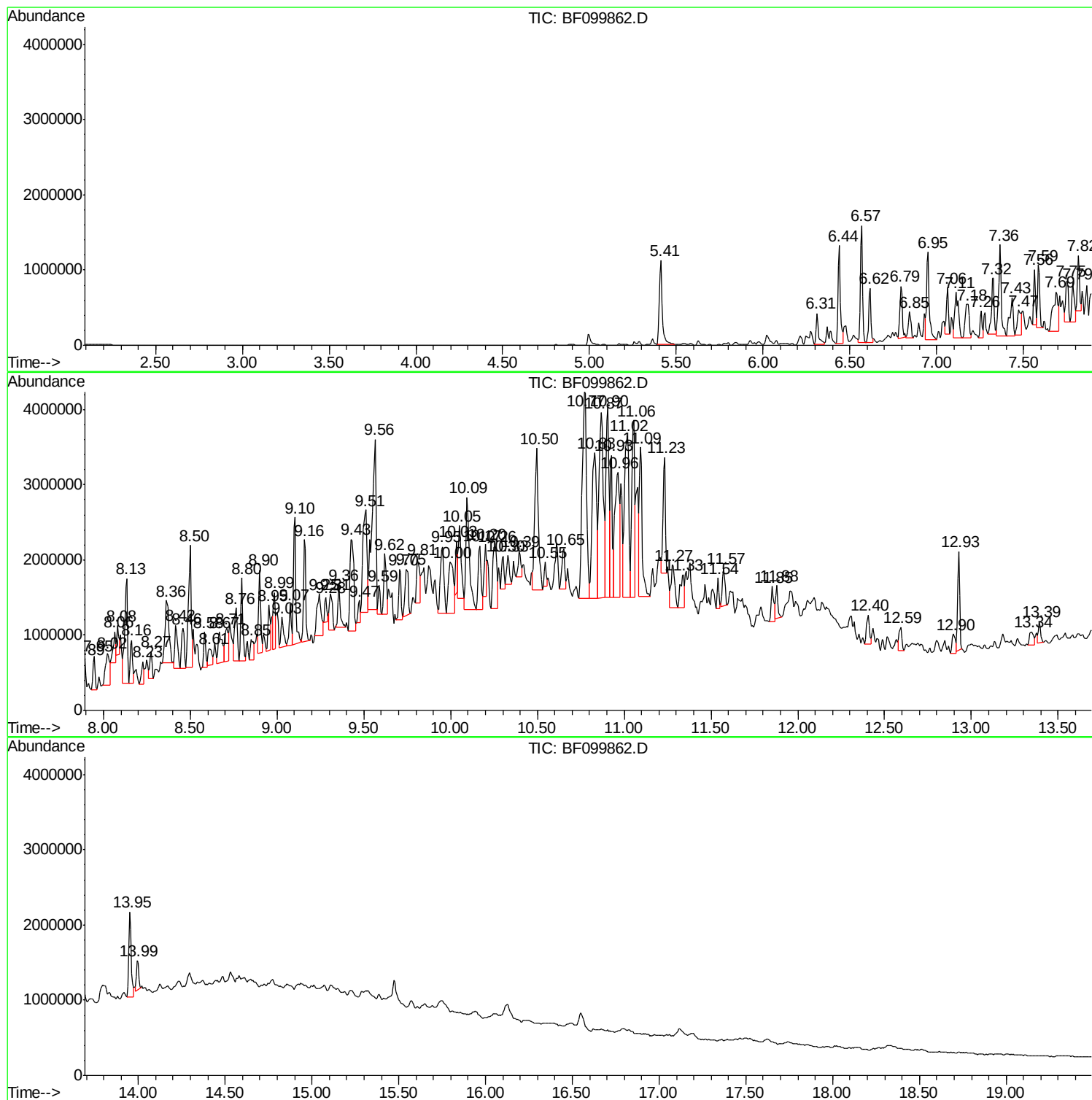
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ClientSampled :
SB-04

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.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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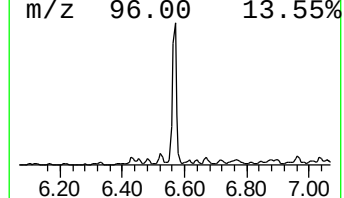
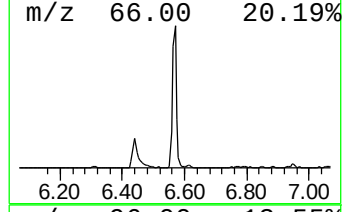
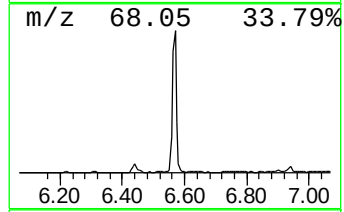
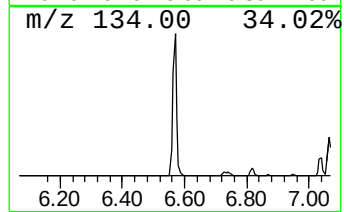
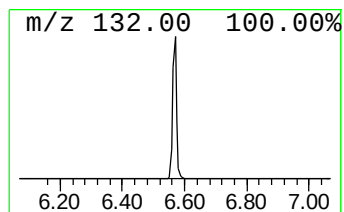
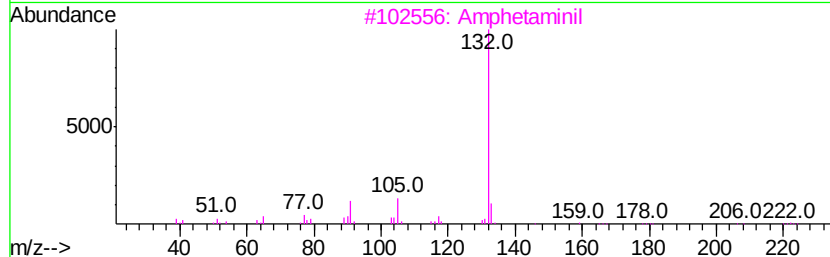
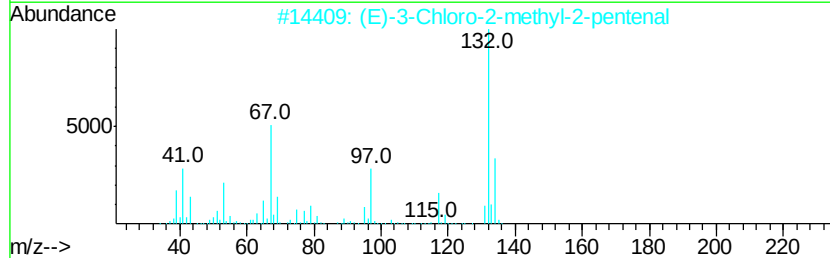
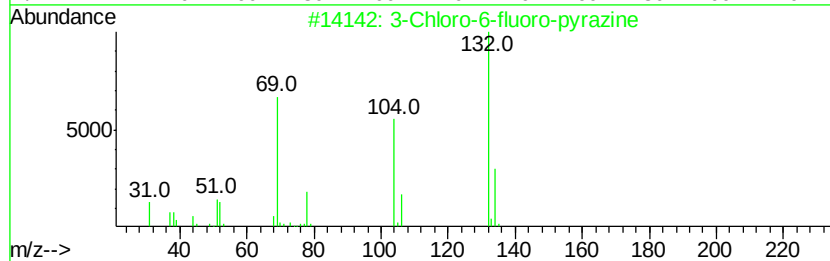
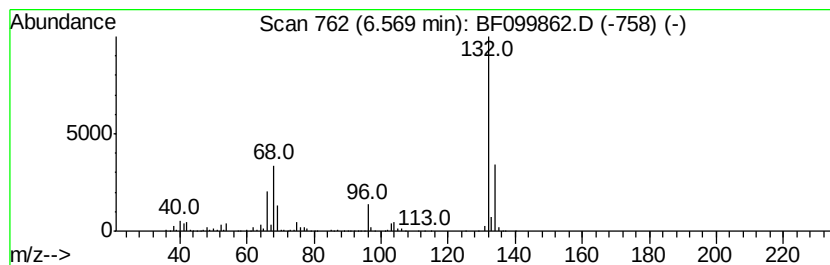
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.57 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	48.53 ng	1442390	1,4-Dichlorobenzene-d4	6.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35
3		Amphetaminil	250	C17H18N2	017590-01-1	12
4		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9



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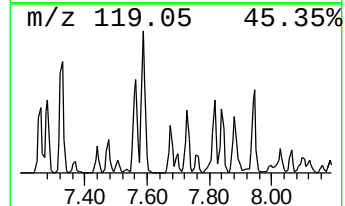
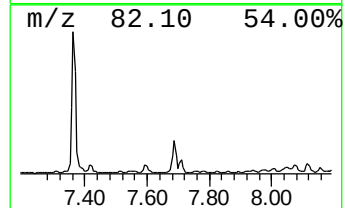
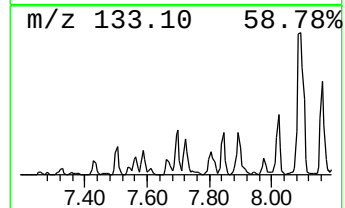
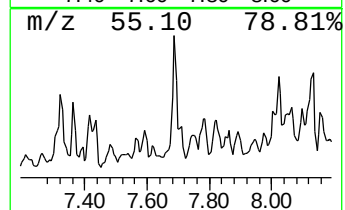
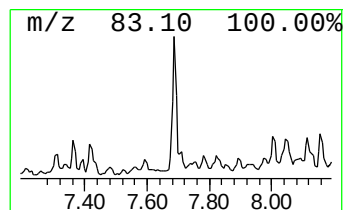
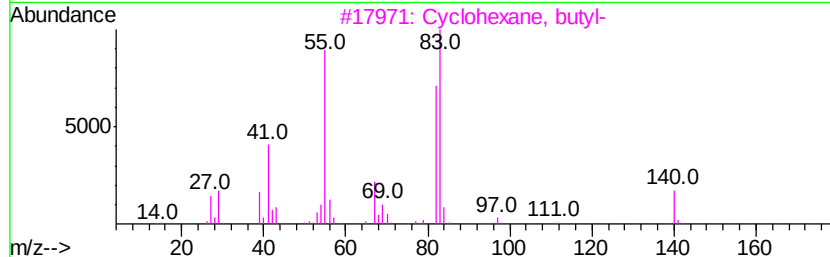
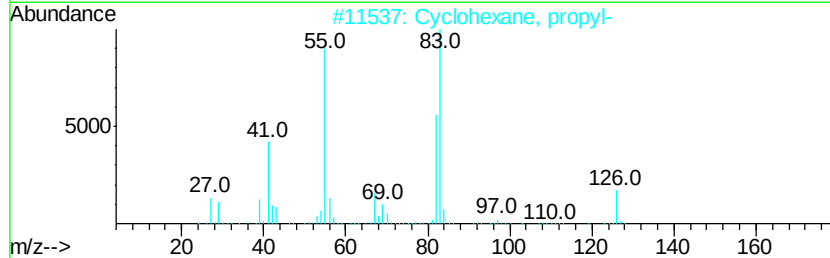
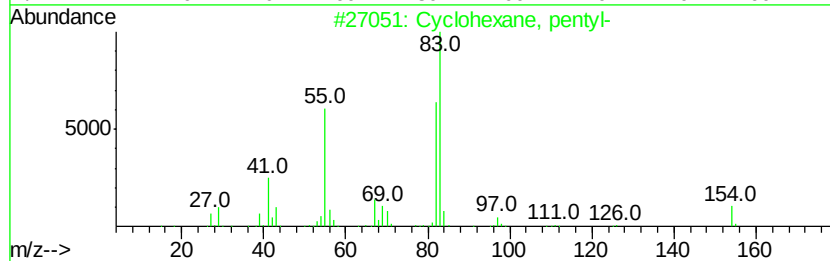
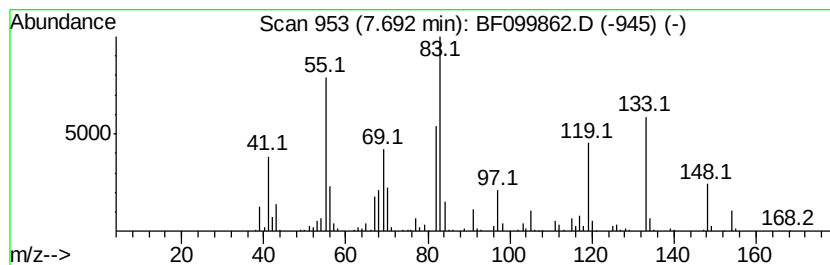
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Cyclohexane, pentyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	58.10 ng	1071250	Naphthalene-d8	8.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	87
2		Cyclohexane, propyl-	126	C9H18	001678-92-8	72
3		Cyclohexane, butyl-	140	C10H20	001678-93-9	64
4		Cyclohexane, ethyl-	112	C8H16	001678-91-7	59
5		Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	59



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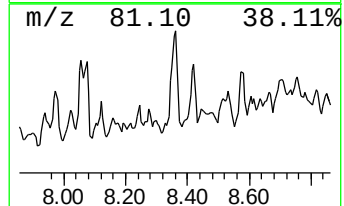
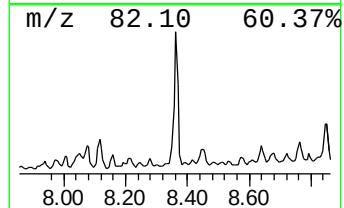
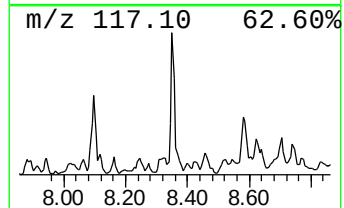
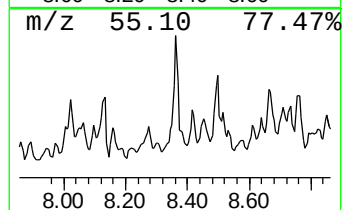
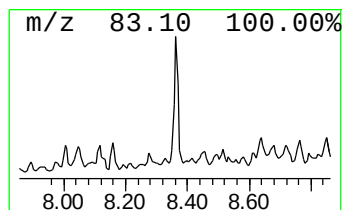
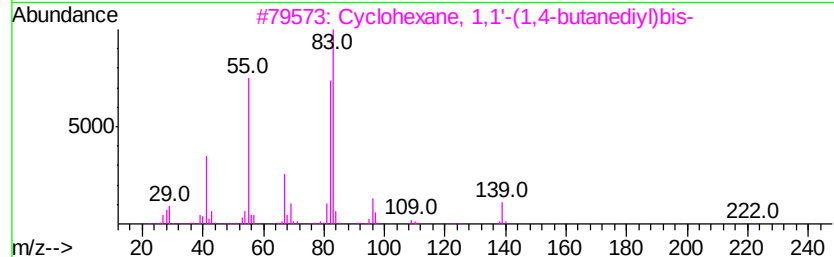
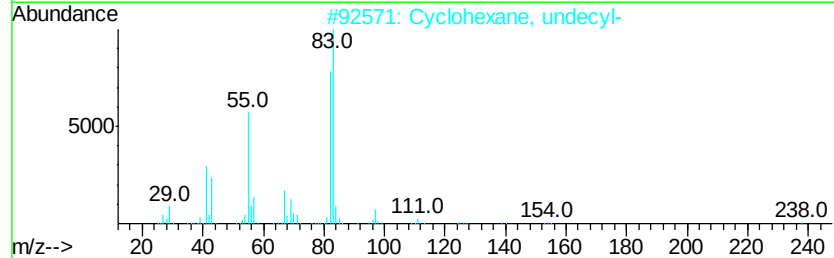
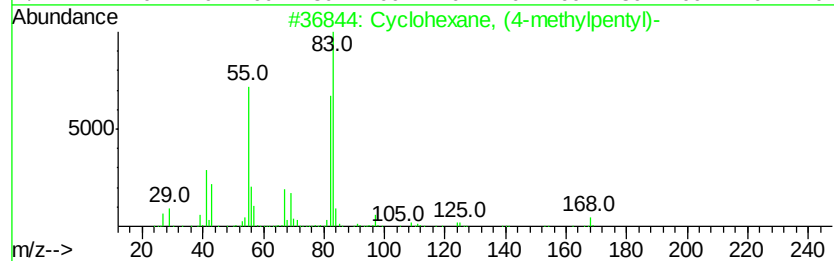
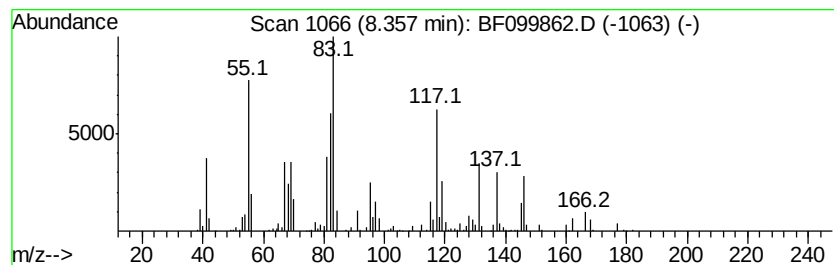
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Peak Number 3 Cyclohexane, (4-methylpentyl)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.36	62.67 ng	1155540	Napthalene-d8	8.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	64
2		Cyclohexane, undecyl-	238	C17H34	054105-66-7	59
3		Cyclohexane, 1,1'-(1,4-butanediyl)-	222	C16H30	006165-44-2	59
4		Cyclohexane, hexyl-	168	C12H24	004292-75-5	59
5		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	59



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Operator : SJ/JU
Sample : I6068-04
Misc :
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ClientSampleId :
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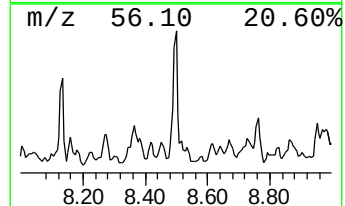
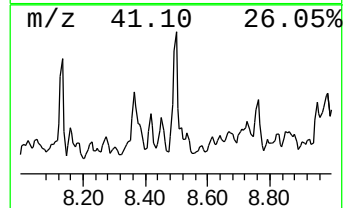
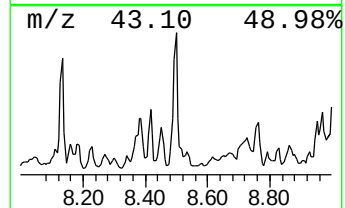
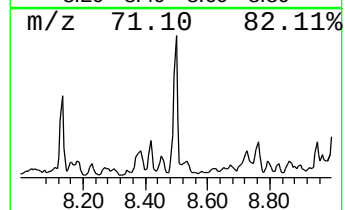
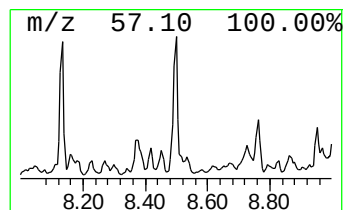
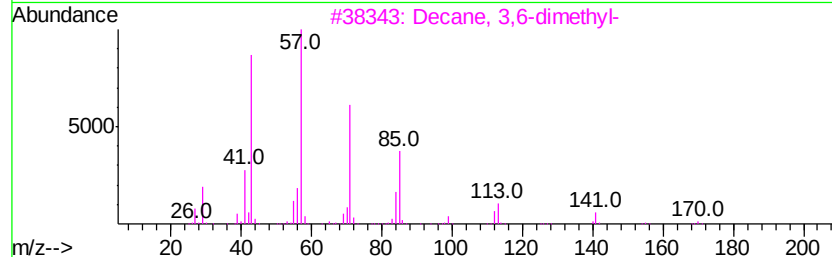
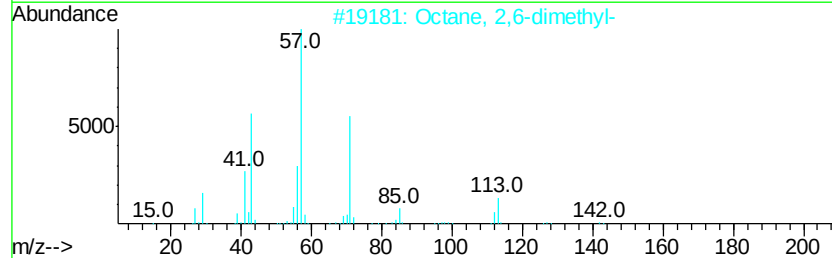
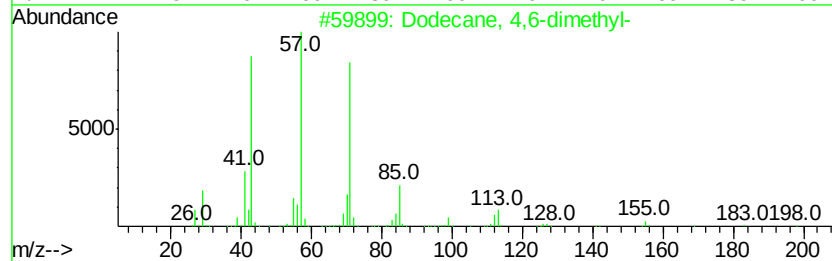
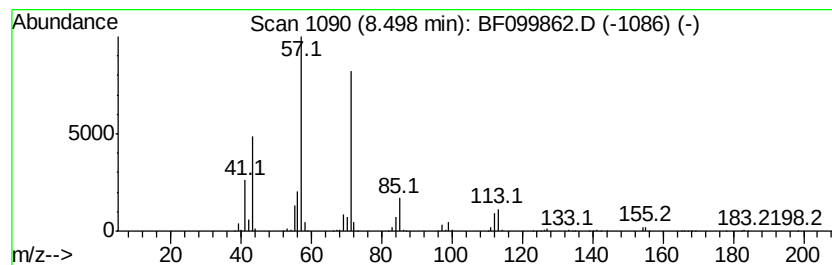
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Dodecane, 4,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.50	90.64 ng	1671220	Napthalene-d8	8.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	87
2		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	83
3		Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	78
4		Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	72
5		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102617\
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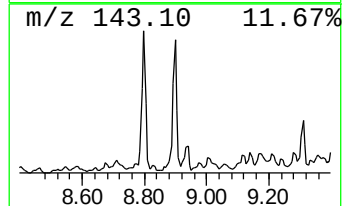
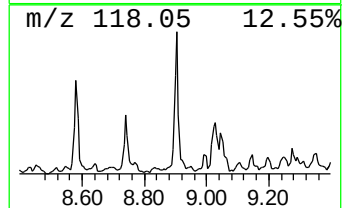
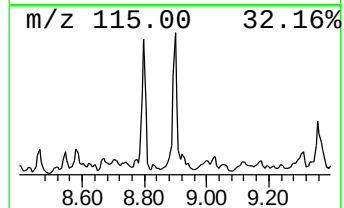
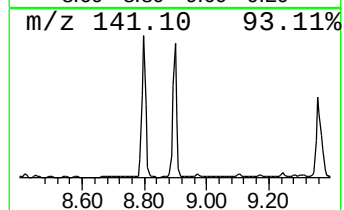
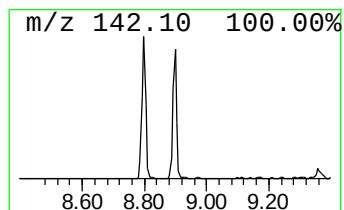
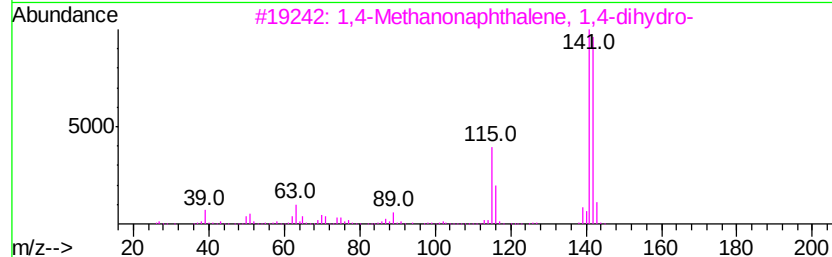
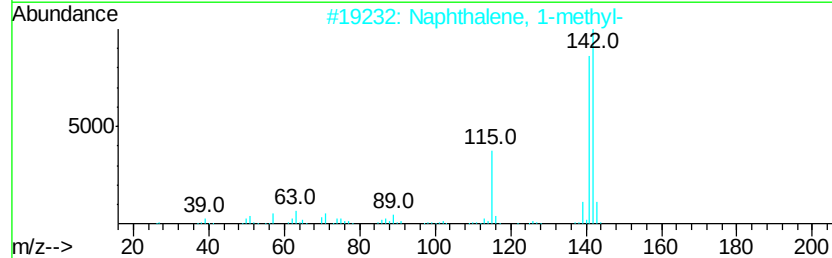
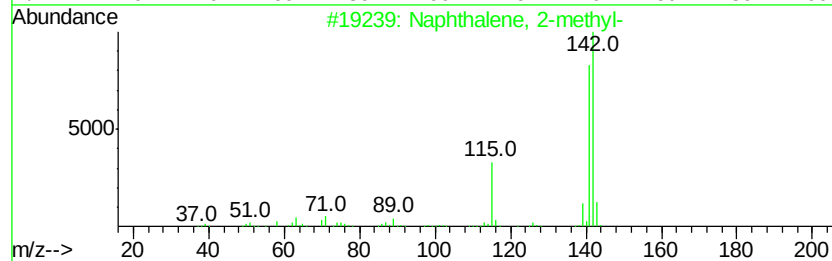
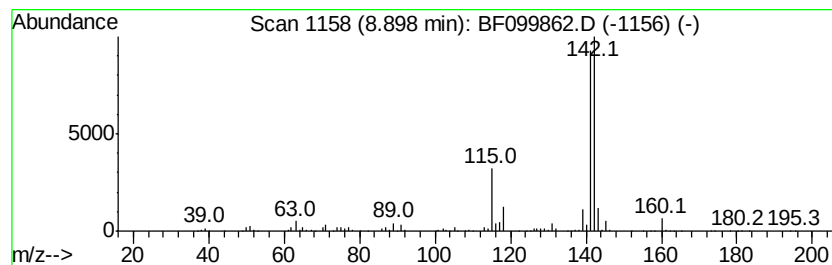
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Naphthalene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.90	54.03 ng	996282	Naphthalene-d8	8.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
3		1,4-Methanonaphthalene, 1,4-dihv...	142	C11H10	004453-90-1	87
4		Benzocycloheptatriene	142	C11H10	000264-09-5	87
5		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	74



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102617\
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Sample : I6068-04
Misc :
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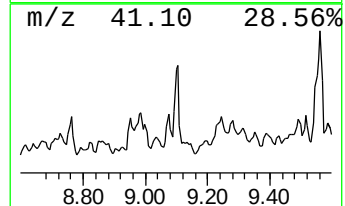
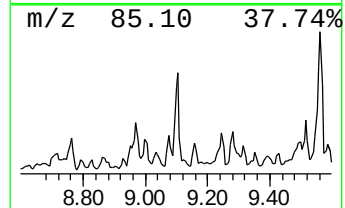
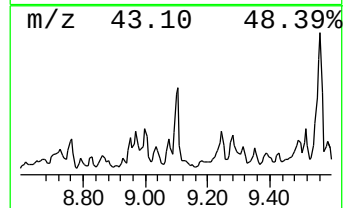
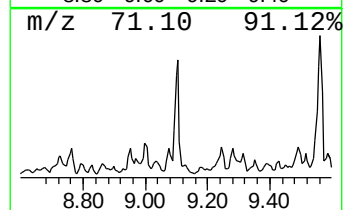
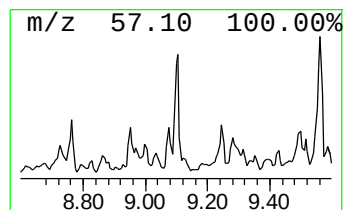
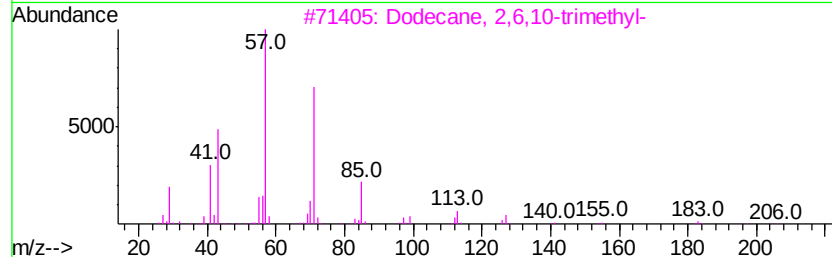
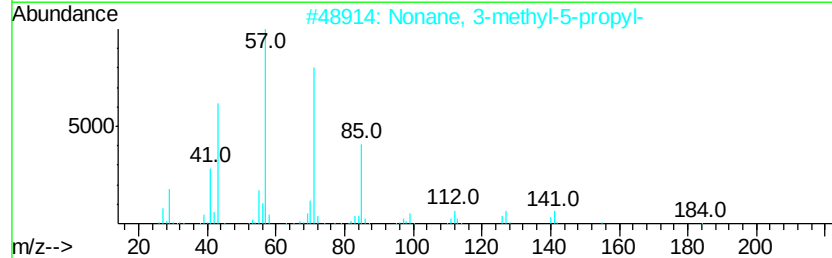
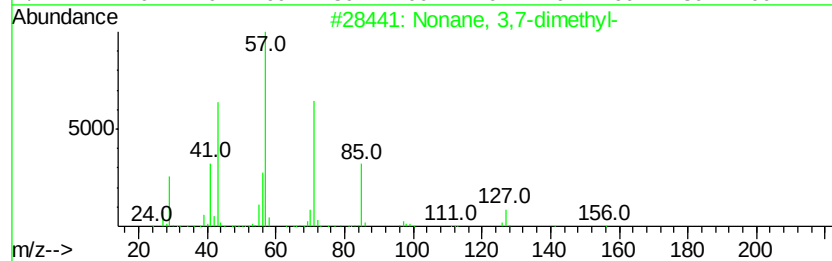
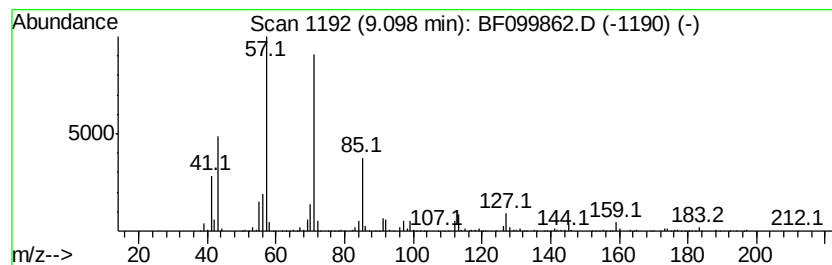
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Nonane, 3,7-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.10	56.33 ng	1708310	Acenaphthene-d10	9.85
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Nonane, 3,7-dimethyl-	156 C11H24	017302-32-8	87
2	Nonane, 3-methyl-5-propyl-	184 C13H28	031081-18-2	86
3	Dodecane, 2,6,10-trimethyl-	212 C15H32	003891-98-3	80
4	Dodecane, 2,6,11-trimethyl-	212 C15H32	031295-56-4	78
5	Nonane, 5-butyl-	184 C13H28	017312-63-9	74



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102617\
Data File : BF099862.D
Acq On : 26 Oct 2017 15:34
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Misc :
ALS Vial : 8 Sample Multiplier: 1

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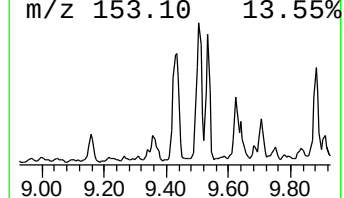
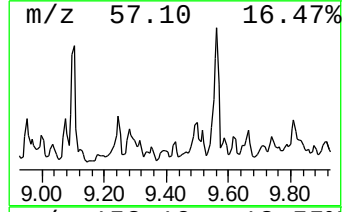
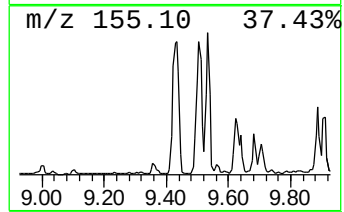
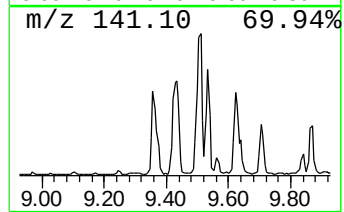
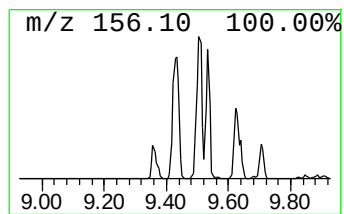
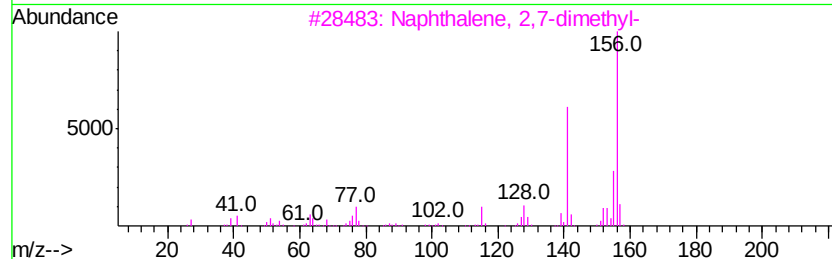
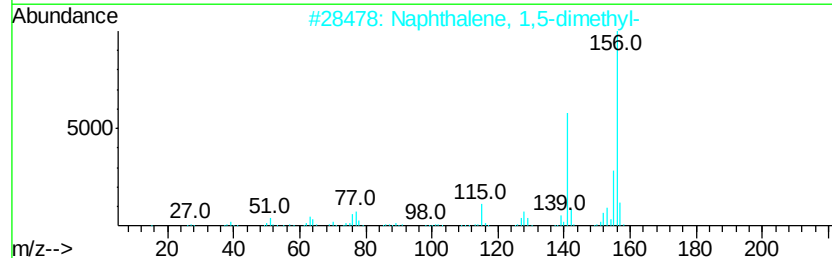
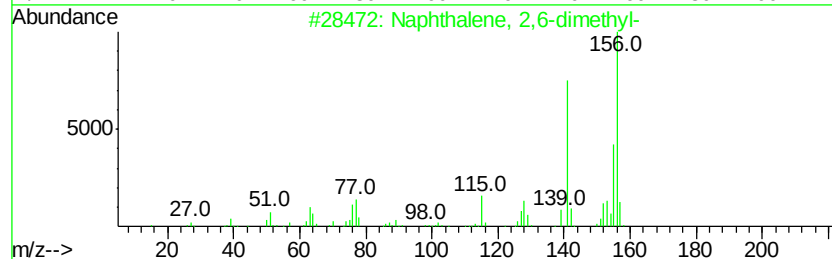
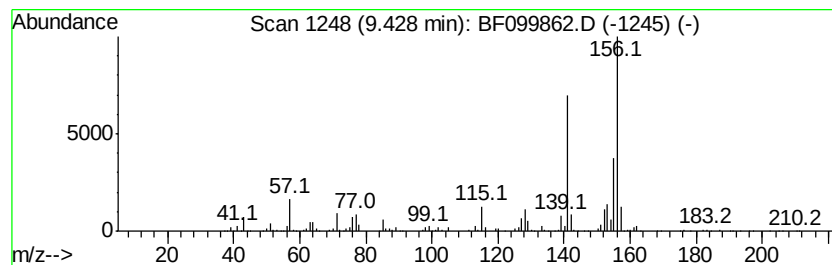
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Naphthalene, 2,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.43	55.13 ng	1671990	Acenaphthene-d10	9.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102617\
Data File : BF099862.D
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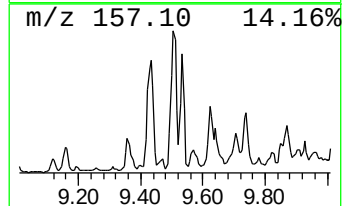
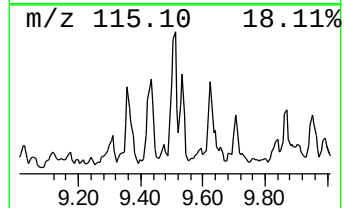
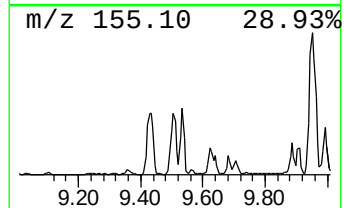
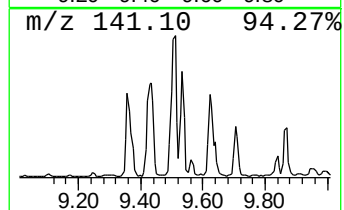
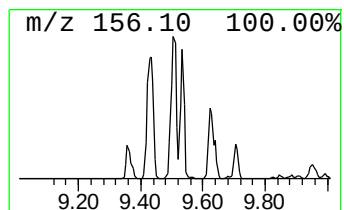
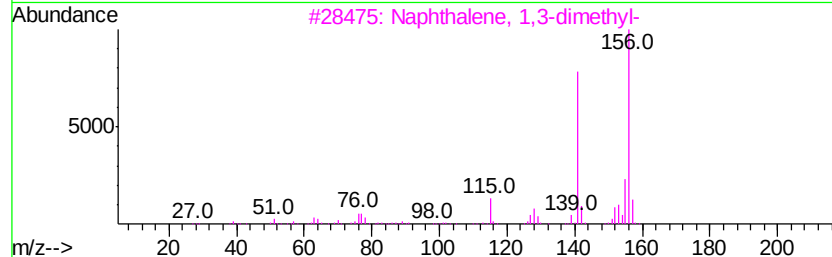
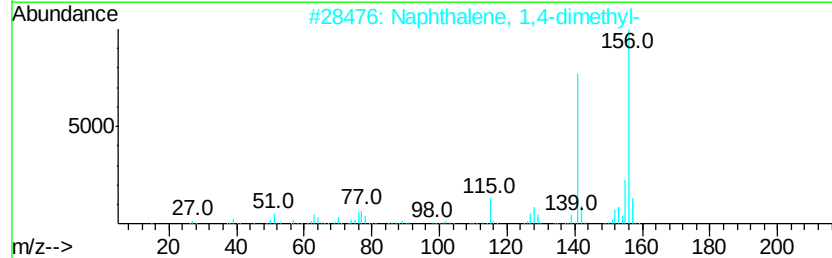
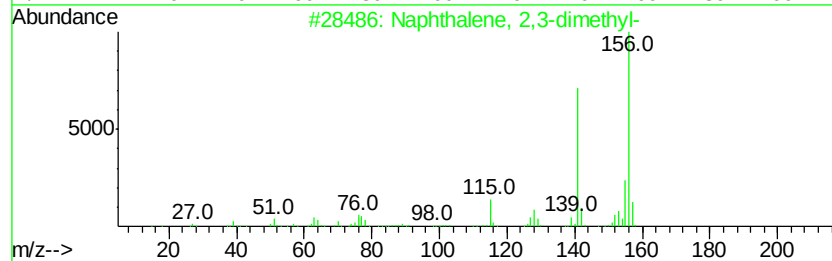
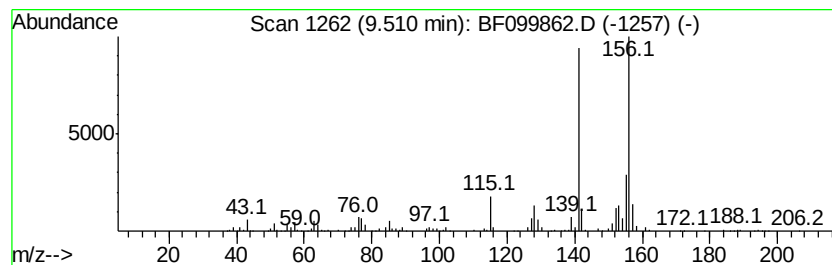
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 2,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.51	67.39 ng	2043820	Acenaphthene-d10	9.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102617\
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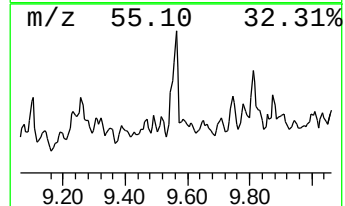
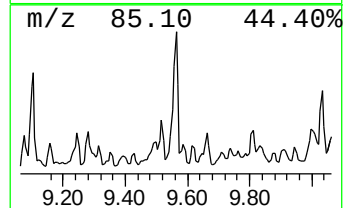
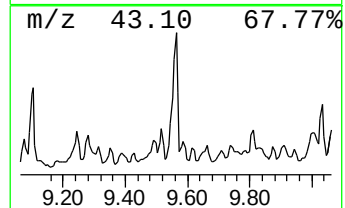
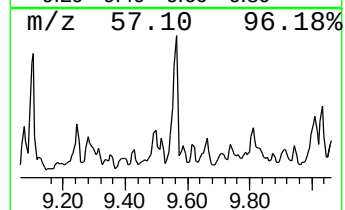
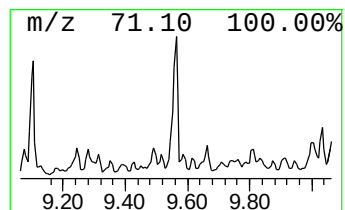
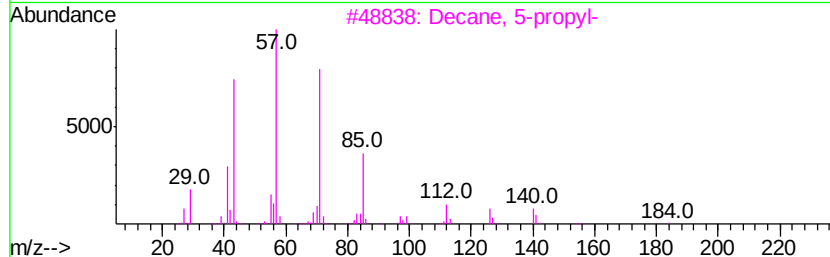
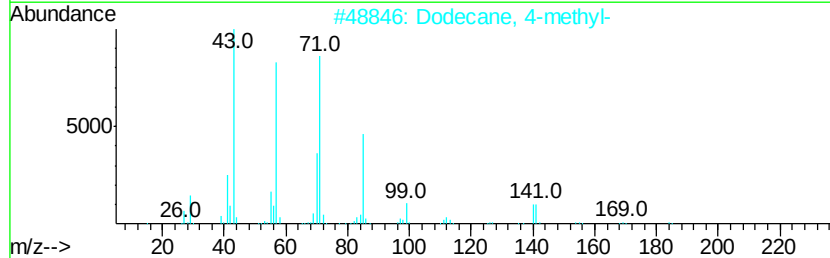
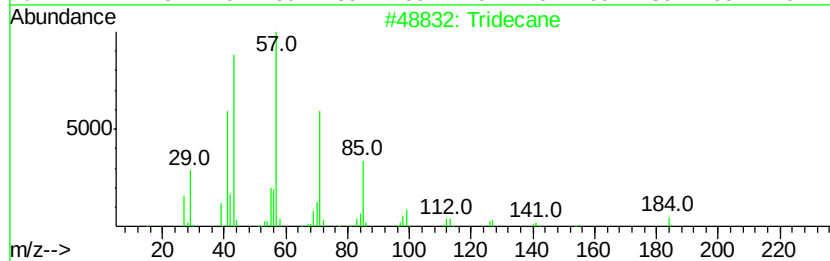
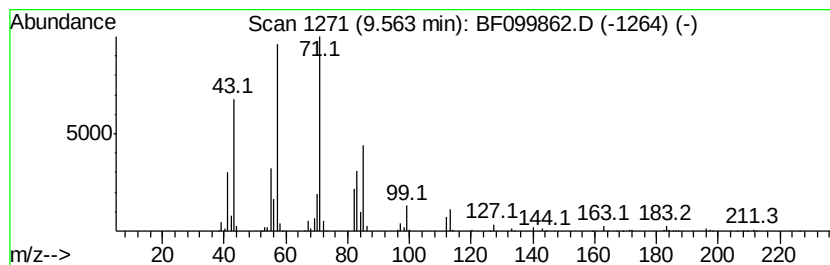
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tridecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.56	113.37 ng	3438240	Acenaphthene-d10	9.85
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Tridecane	184 C13H28	000629-50-5	72
2	Dodecane, 4-methyl-	184 C13H28	006117-97-1	58
3	Decane, 5-propyl-	184 C13H28	017312-62-8	58
4	Dodecane, 2,7,10-trimethyl-	212 C15H32	074645-98-0	47
5	1-Octanol, 2,2-dimethyl-	158 C10H22O	002370-14-1	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102617\
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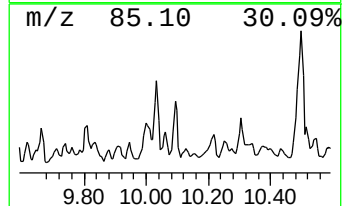
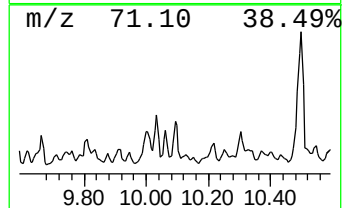
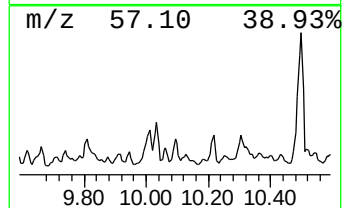
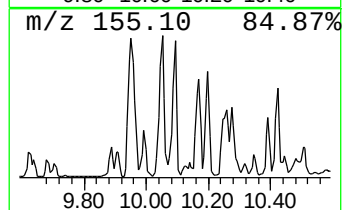
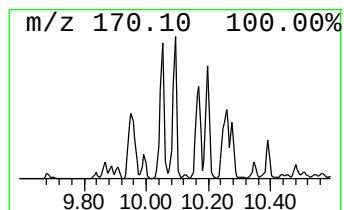
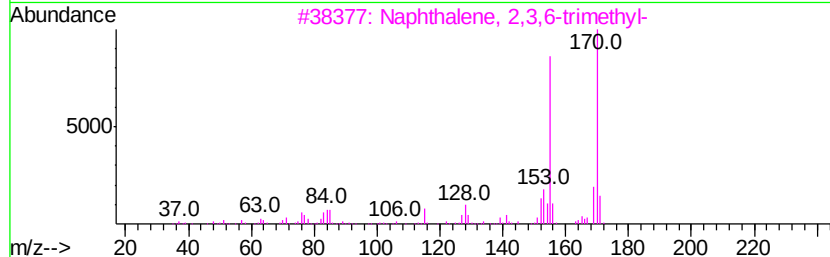
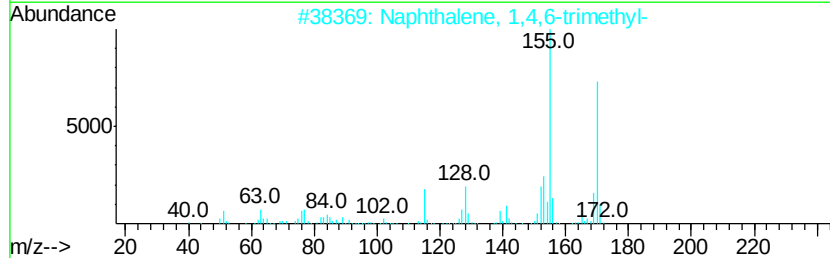
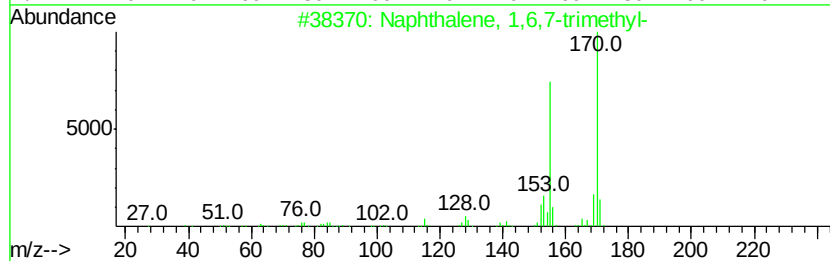
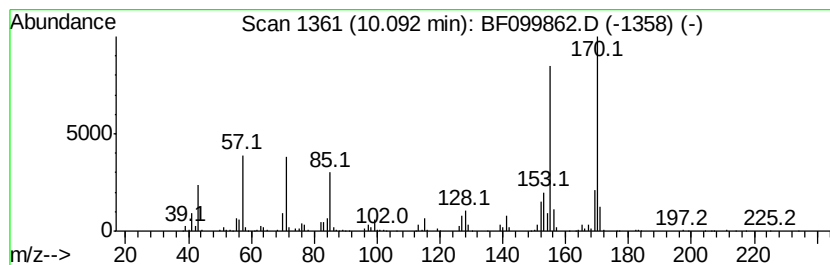
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Naphthalene, 1,6,7-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.09	74.70 ng	2265540	Acenaphthene-d10	9.85

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	93
4		3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	89
5		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	76



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102617\
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Acq On : 26 Oct 2017 15:34
Operator : SJ/JU
Sample : I6068-04
Misc :
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Instrument :
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ClientSampleId :
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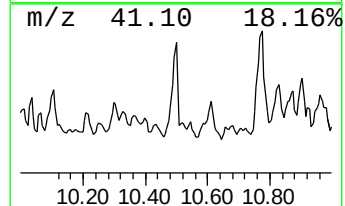
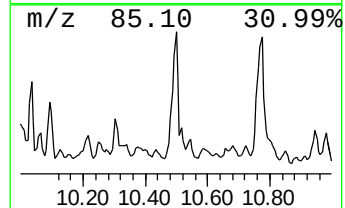
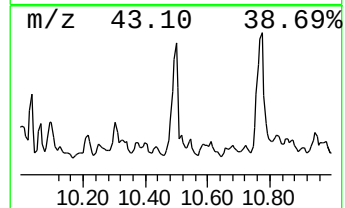
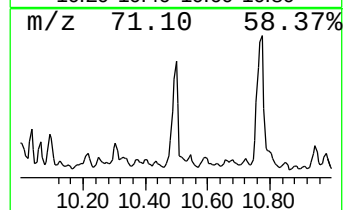
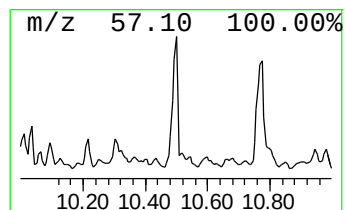
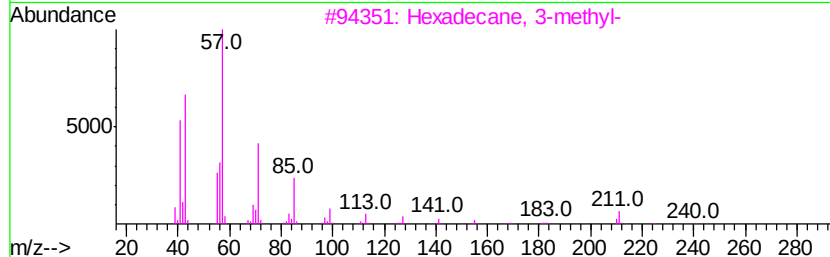
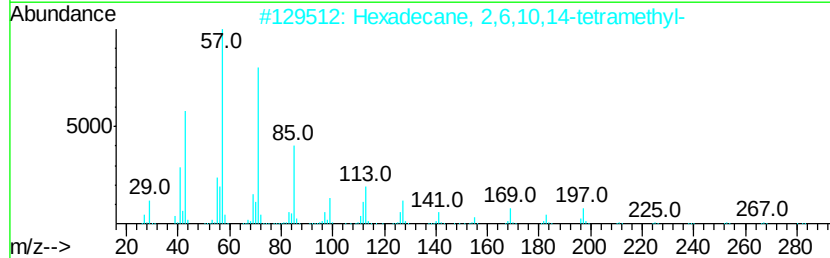
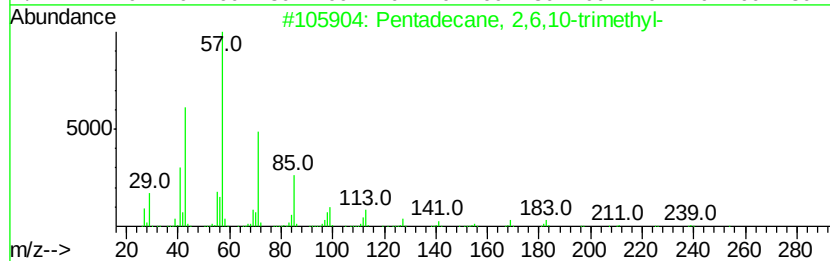
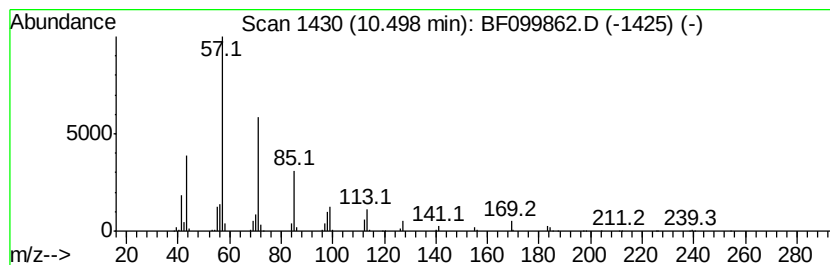
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Pentadecane, 2,6,10-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.50	90.54 ng	2745860	Acenaphthene-d10	9.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
3		Hexadecane, 3-methyl-	240	C17H36	006418-43-5	72
4		Tridecane	184	C13H28	000629-50-5	64
5		Hexadecane	226	C16H34	000544-76-3	64



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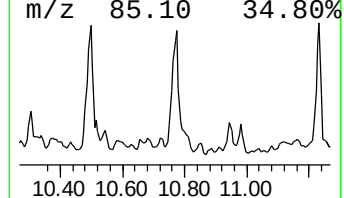
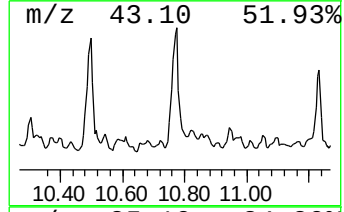
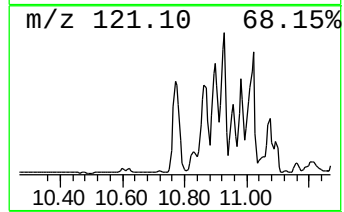
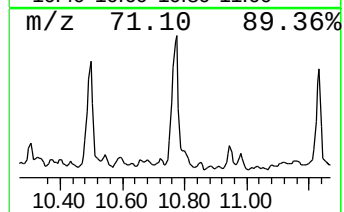
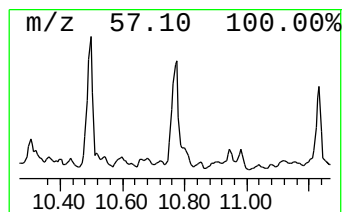
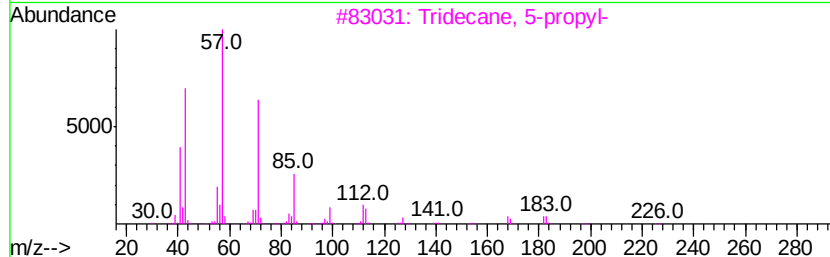
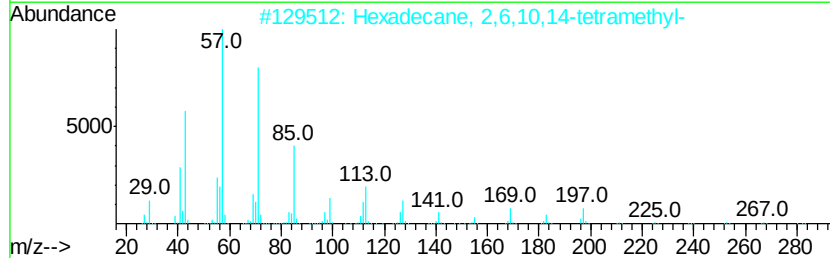
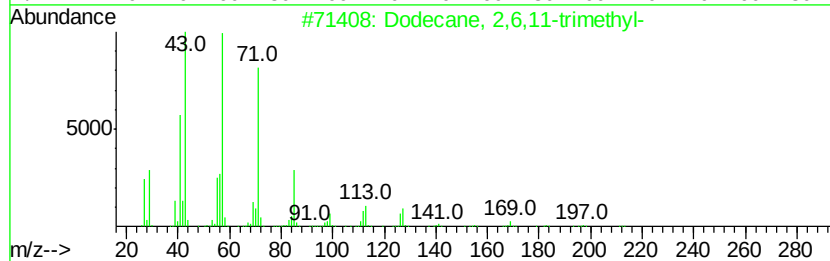
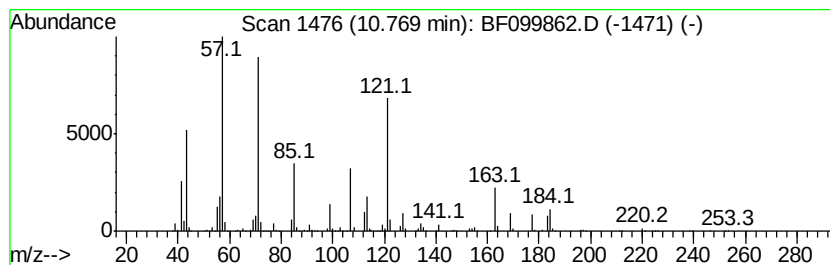
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Dodecane, 2,6,11-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	143.67 ng	4612580	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
2		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	53
3		Tridecane, 5-propyl-	226	C16H34	055045-11-9	53
4		Tetradecane, 4,11-dimethyl-	226	C16H34	055045-12-0	46
5		Undecane, 4-methyl-	170	C12H26	002980-69-0	46



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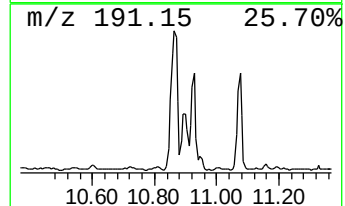
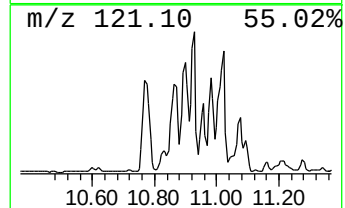
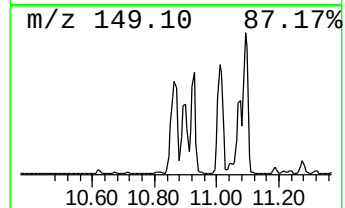
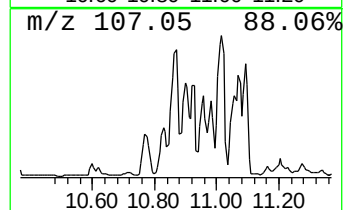
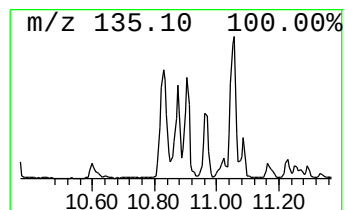
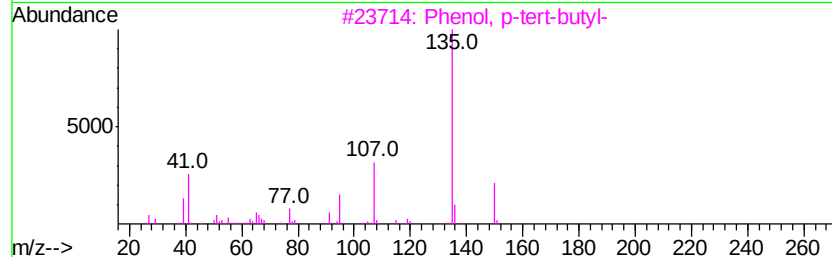
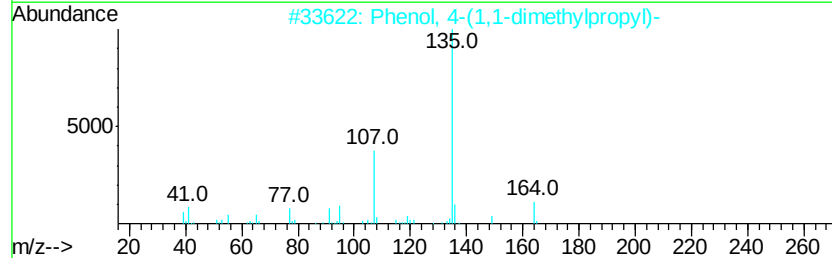
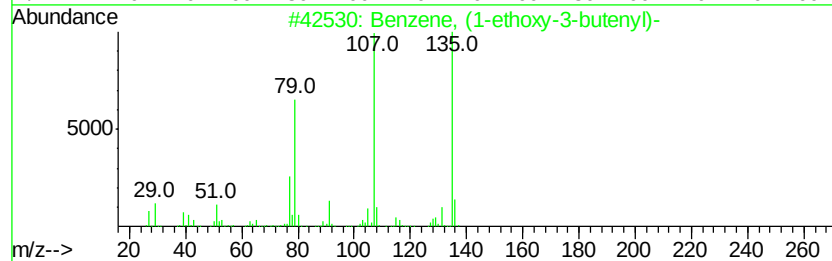
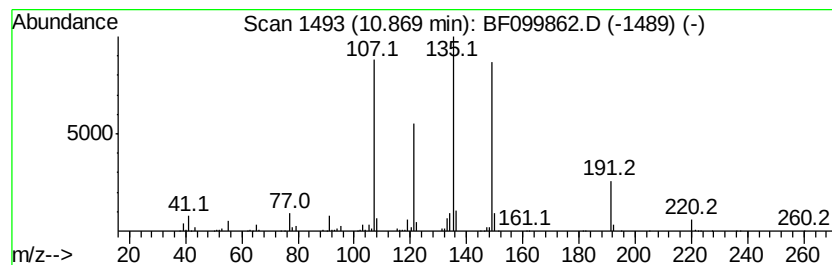
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown10.87 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	136.60 ng	4385490	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1-ethoxy-3-butenyl)-	176	C12H16O	054703-48-9	43
2		Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	43
3		Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	35
4		((1,2-Diethylethylene)bis(p-phen...	354	C22H26O4	004547-76-6	35
5		4-Butoxy-2-hydroxybenzonitrile	191	C11H13NO2	144105-12-4	22



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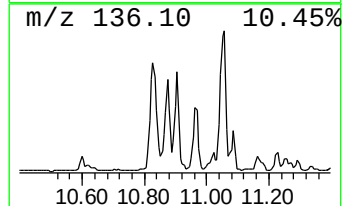
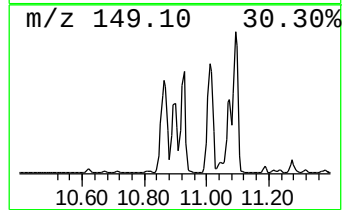
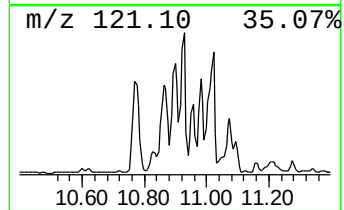
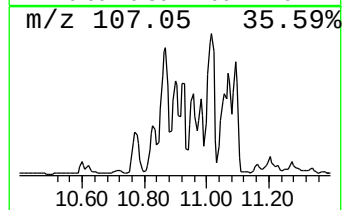
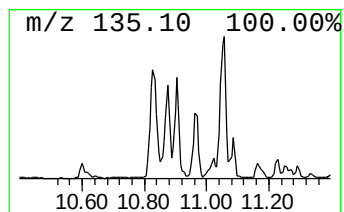
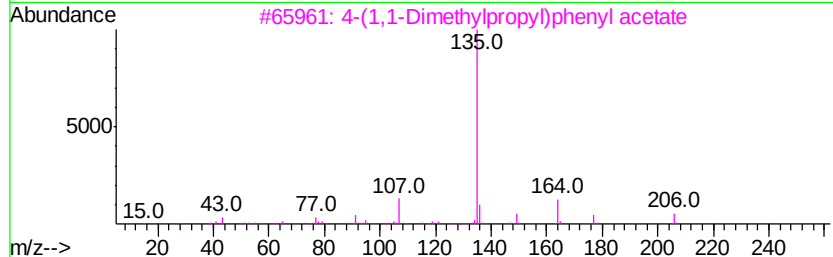
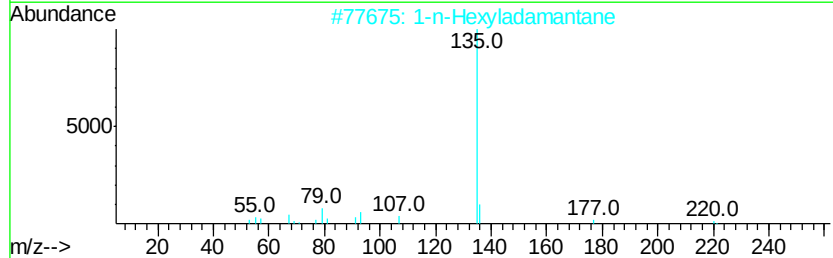
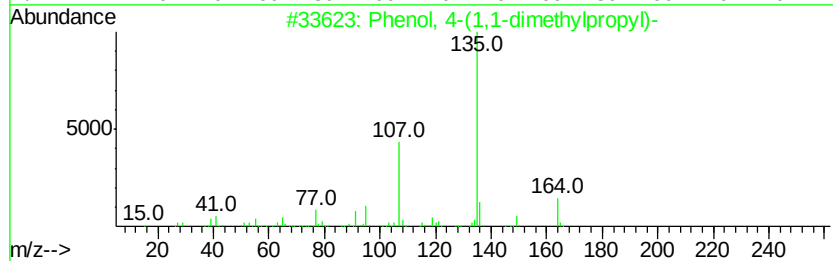
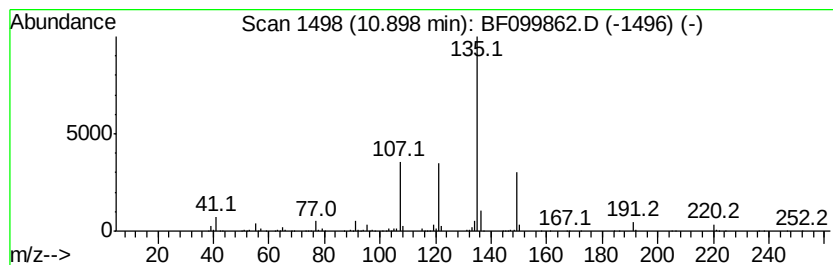
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Phenol, 4-(1,1-dimethylprop... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	104.23 ng	3346420	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	72
2		1-n-Hexyladamantane	220	C16H28	022458-75-9	59
3		4-(1,1-Dimethylpropyl)phenyl ace...	206	C13H18O2	1000373-45-3	56
4		1-Adamantanecarboxylic acid, 2-p...	220	C14H20O2	107144-95-6	53
5		Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102617\
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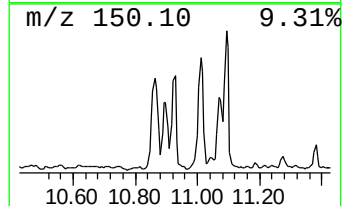
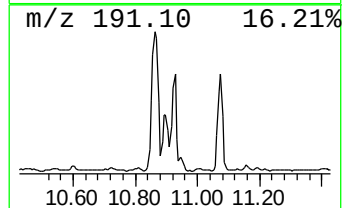
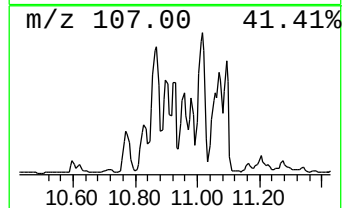
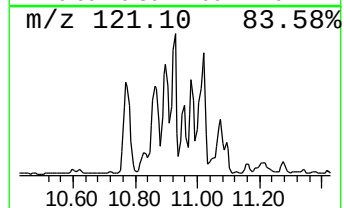
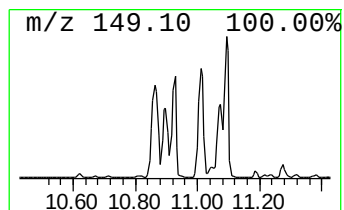
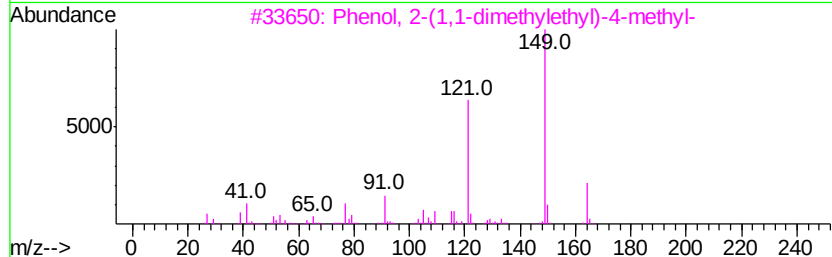
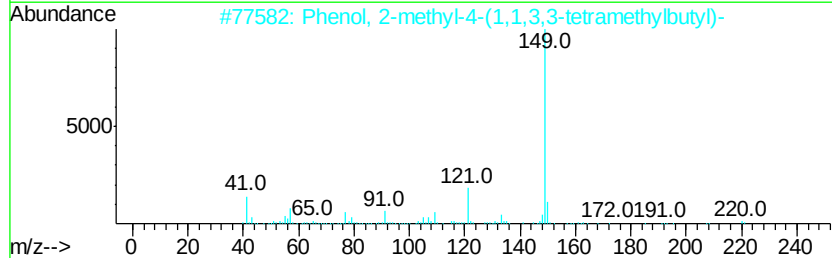
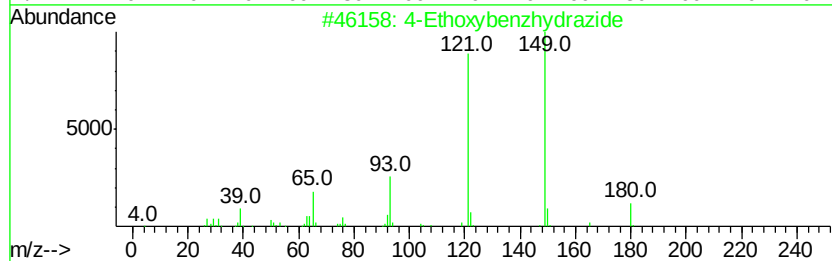
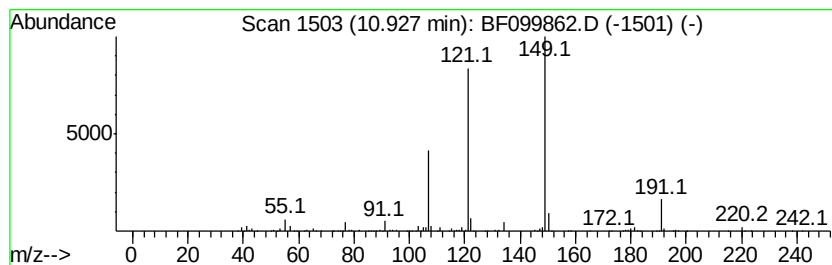
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown10.93 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.93	54.13 ng	1737940	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Ethoxybenzhydrazide	180	C9H12N2O2	058586-81-5	42
2		Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	39
3		Phenol, 2-(1,1-dimethylethyl)-4-...	164	C11H16O	002409-55-4	38
4		Phthalic acid, hept-4-yl propyl ...	306	C18H26O4	1000356-78-2	35
5		Phthalic acid, cyclobutyl propyl...	262	C15H18O4	1000315-41-2	25



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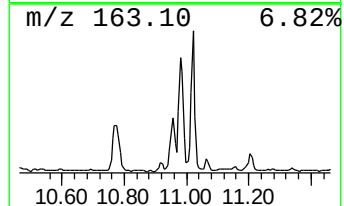
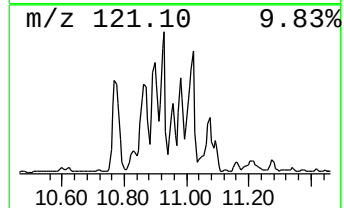
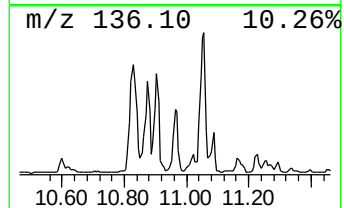
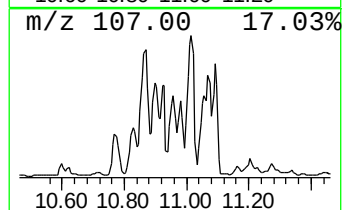
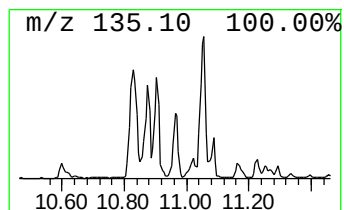
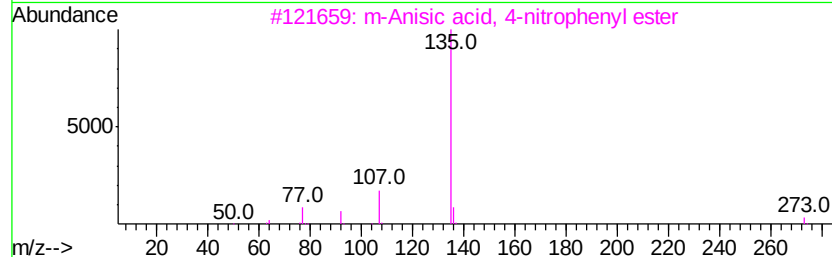
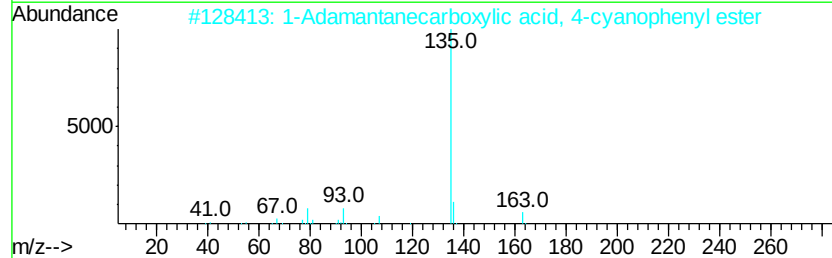
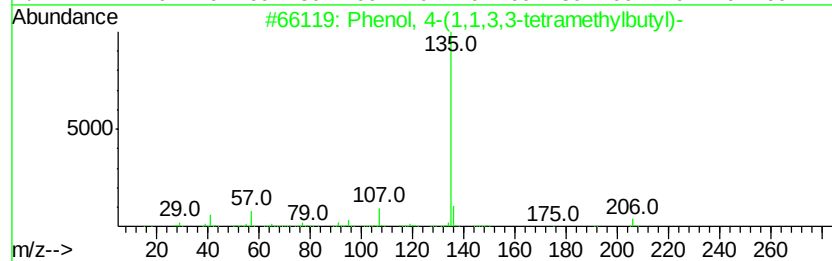
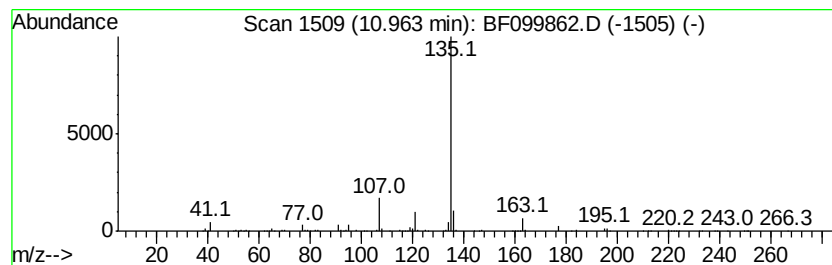
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.96	92.03 ng	2954510	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	64
2		1-Adamantanecarboxylic acid, 4-c...	281	C18H19NO2	1000307-66-3	53
3		m-Anisic acid, 4-nitrophenyl ester	273	C14H11NO5	1000307-80-4	45
4		1-Adamantanecarboxylic acid, 4-n...	301	C17H19NO4	1000307-66-5	45
5		m-Anisic acid, 3,4-dichloropheny...	296	C14H10Cl2O3	1000307-80-3	45



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102617\
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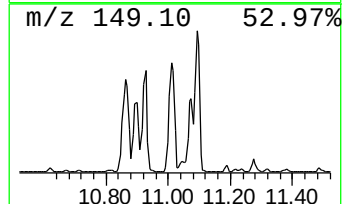
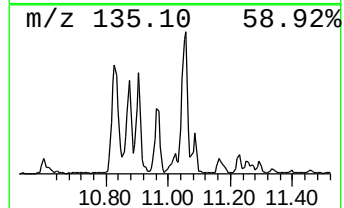
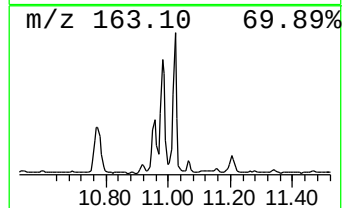
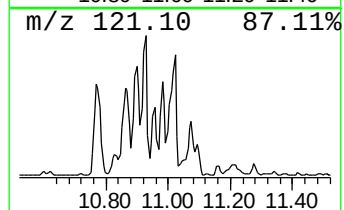
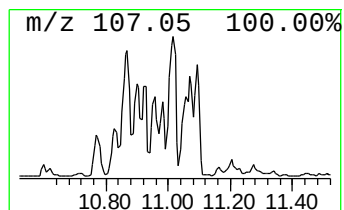
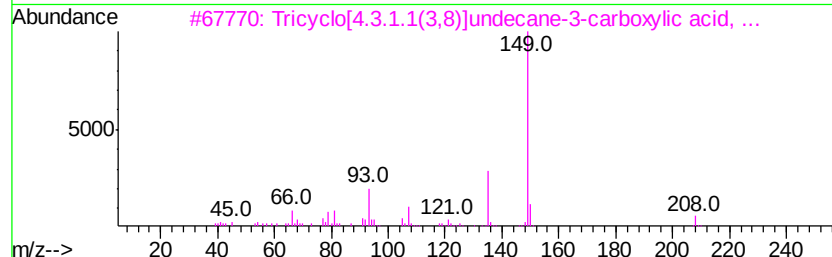
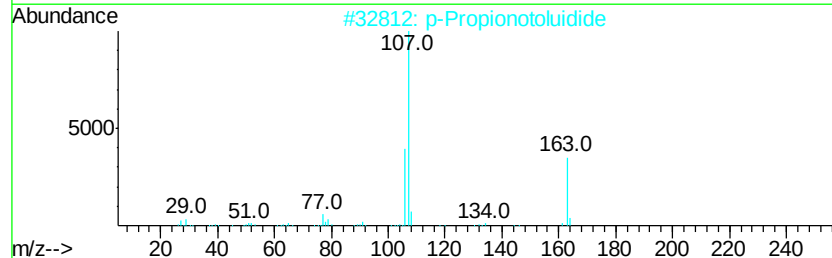
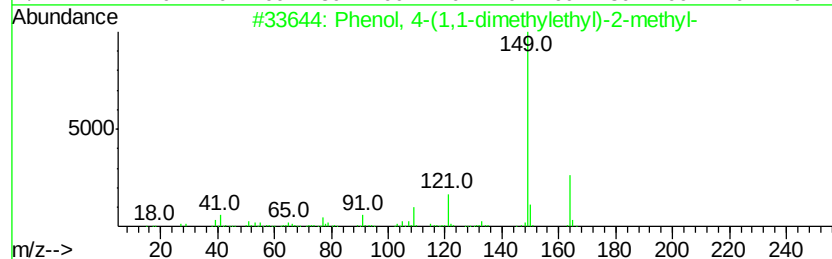
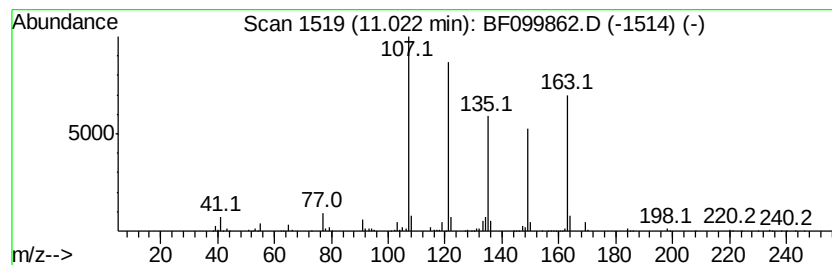
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown11.02 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.02	104.45 ng	3353340	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 4-(1,1-dimethylethyl)-2-...	164	C11H16O	000098-27-1	35
2		p-Propionotoluidide	163	C10H13NO	002759-55-9	27
3		Tricyclo[4.3.1.1(3,8)]undecane-3...	208	C13H20O2	031061-61-7	23
4		Phenol, 4-butyl-	150	C10H14O	001638-22-8	22
5		Propanamide, N-(3-methylphenyl)-...	177	C11H15NO	1000307-32-0	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102617\
Data File : BF099862.D
Acq On : 26 Oct 2017 15:34
Operator : SJ/JU
Sample : I6068-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
SB-04

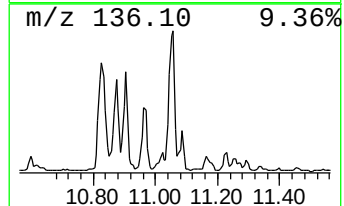
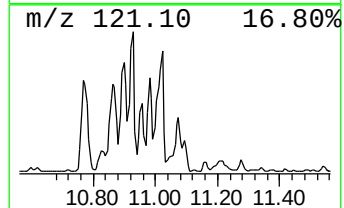
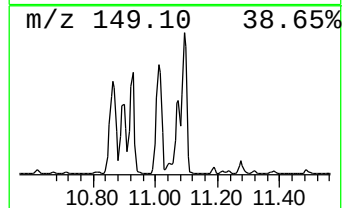
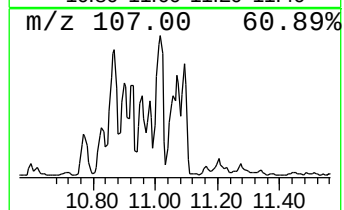
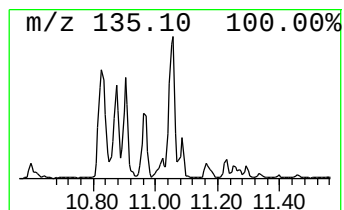
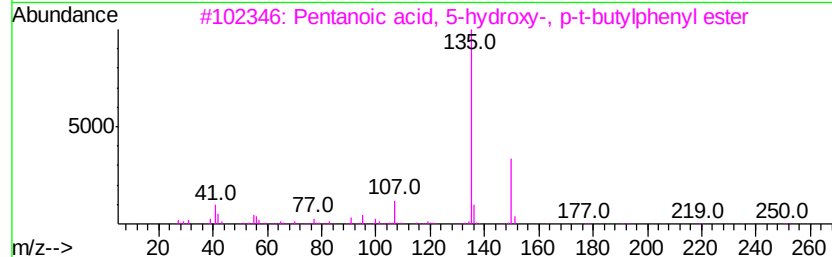
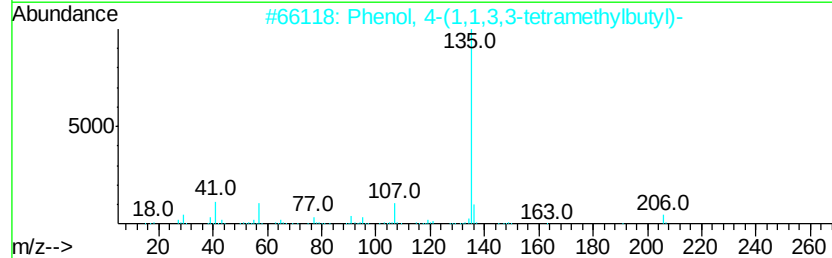
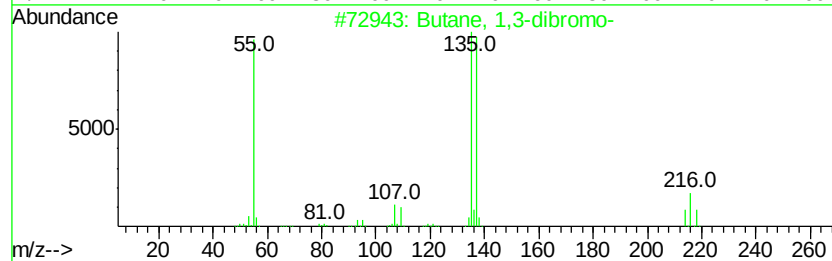
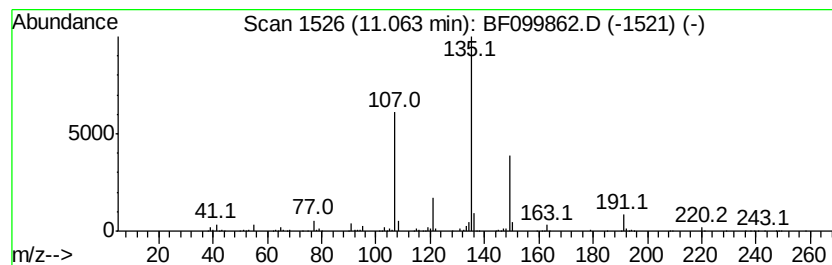
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Butane, 1,3-dibromo- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.06	92.61 ng	2973120	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 1,3-dibromo-	214	C4H8Br2	000107-80-2	83
2		Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
3		Pentanoic acid, 5-hydroxy-, p-t-...	250	C15H22O3	166273-37-6	72
4		4-(1,1-Dimethylpropyl)phenyl ace...	206	C13H18O2	1000373-45-3	64
5		4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102617\
Data File : BF099862.D
Acq On : 26 Oct 2017 15:34
Operator : SJ/JU
Sample : I6068-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-04

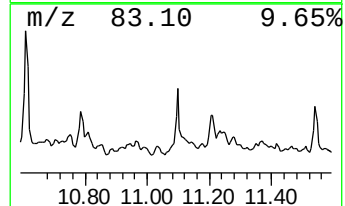
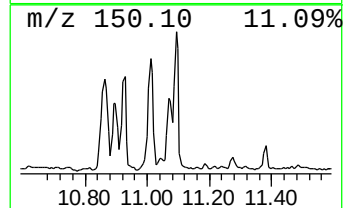
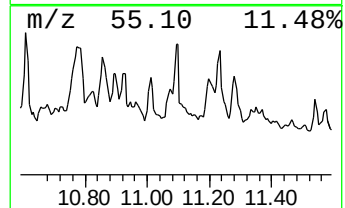
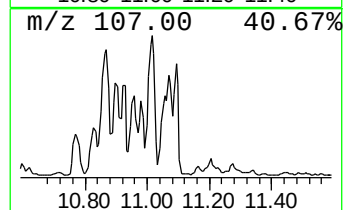
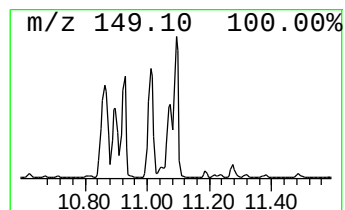
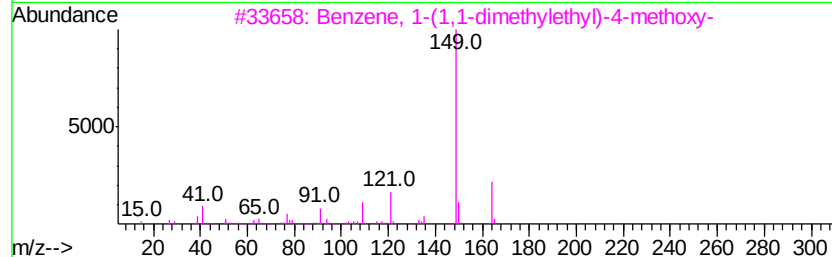
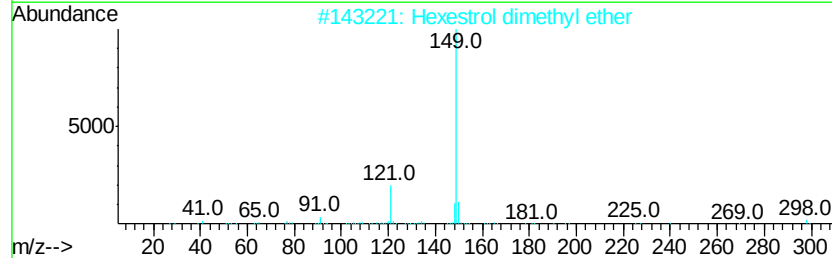
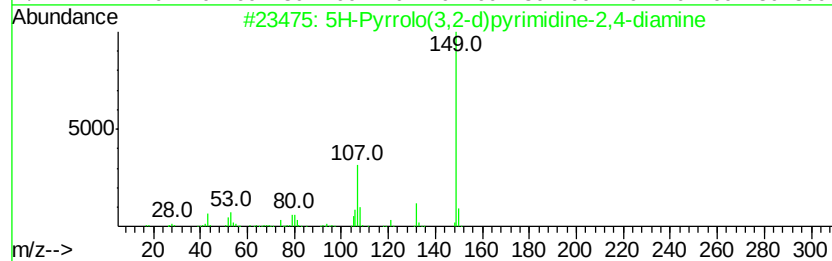
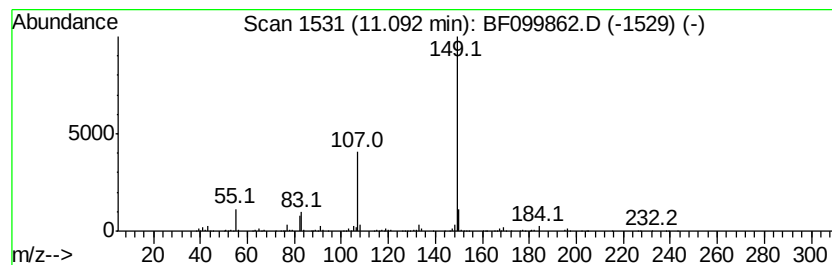
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 5H-Pyrrolo(3,2-d)pyrimidine... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.09	74.21 ng	2382450	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5H-Pyrrolo(3,2-d)pyrimidine-2,4-...	149	C6H7N5	1000244-21-4	72
2		Hexestrol dimethyl ether	298	C20H26O2	000130-78-9	43
3		Benzene, 1-(1,1-dimethylethyl)-4...	164	C11H16O	005396-38-3	37
4		Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	37
5		Phthalic acid, 2-pentyl propyl e...	278	C16H22O4	1000315-47-5	37



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102617\
 Data File : BF099862.D
 Acq On : 26 Oct 2017 15:34
 Operator : SJ/JU
 Sample : I6068-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-04

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.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
unknown6.57	6.57	48.5	ng	1442390	1	6.79	594418	20.0
Cyclohexane, pentyl-	7.69	58.1	ng	1071250	2	8.08	368768	20.0
Cyclohexane, (4-m...	8.36	62.7	ng	1155540	2	8.08	368768	20.0
Dodecane, 4,6-dim...	8.50	90.6	ng	1671220	2	8.08	368768	20.0
Naphthalene, 1-me...	8.90	54.0	ng	996282	2	8.08	368768	20.0
Nonane, 3,7-dimet...	9.10	56.3	ng	1708310	3	9.85	606573	20.0
Naphthalene, 2,6-...	9.43	55.1	ng	1671990	3	9.85	606573	20.0
Naphthalene, 2,3-...	9.51	67.4	ng	2043820	3	9.85	606573	20.0
Tridecane	9.56	113.4	ng	3438240	3	9.85	606573	20.0
Naphthalene, 1,6,...	10.09	74.7	ng	2265540	3	9.85	606573	20.0
Pentadecane, 2,6,...	10.50	90.5	ng	2745860	3	9.85	606573	20.0
Dodecane, 2,6,11-...	10.77	143.7	ng	4612580	4	11.36	642096	20.0
unknown10.87	10.87	136.6	ng	4385490	4	11.36	642096	20.0
Phenol, 4-(1,1-di...	10.90	104.2	ng	3346420	4	11.36	642096	20.0
unknown10.93	10.93	54.1	ng	1737940	4	11.36	642096	20.0
Phenol, 4-(1,1,3,...	10.96	92.0	ng	2954510	4	11.36	642096	20.0
unknown11.02	11.02	104.5	ng	3353340	4	11.36	642096	20.0
Butane, 1,3-dibromo-	11.06	92.6	ng	2973120	4	11.36	642096	20.0
5H-Pyrrolo(3,2-d)...	11.09	74.2	ng	2382450	4	11.36	642096	20.0