

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
 Data File : BF077078.D
 Acq On : 27 Jan 2015 7:41
 Operator : TP/IZ
 Sample : G1137-03
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 104B2

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-BF011415.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	2.664	133	138	145	rVB	319602	764742	2.29%	0.160%
2	3.613	217	221	227	rVV2	221387	757824	2.27%	0.158%
3	4.607	304	308	313	rVV	945267	3038429	9.11%	0.635%
4	4.687	313	315	320	rVB	441658	932954	2.80%	0.195%
5	4.801	320	325	332	rBV	310808	793904	2.38%	0.166%
6	5.167	353	357	370	rVB2	825605	2320733	6.96%	0.485%
7	5.430	370	380	383	rBV	1352714	3407474	10.22%	0.712%
8	5.819	409	414	419	rBV4	258963	867411	2.60%	0.181%
9	6.093	432	438	441	rBV2	570193	1577108	4.73%	0.330%
10	6.196	441	447	451	rVB	836327	2305930	6.91%	0.482%
11	6.299	451	456	459	rBV	553691	1407719	4.22%	0.294%
12	6.573	475	480	482	rBV	406215	942286	2.82%	0.197%
13	6.756	491	496	498	rBV	1766103	4225050	12.67%	0.883%
14	6.802	498	500	504	rVB2	1179496	2549763	7.64%	0.533%
15	6.882	504	507	509	rBV2	601213	1206525	3.62%	0.252%
16	6.939	509	512	514	rVB	949659	1740692	5.22%	0.364%
17	7.007	514	518	522	rVB2	1018520	2288495	6.86%	0.478%
18	7.099	522	526	531	rVB	1182250	2717425	8.15%	0.568%
19	7.236	531	538	544	rBV3	729486	3759224	11.27%	0.786%
20	7.442	549	556	559	rBV	3119012	7630657	22.88%	1.594%
21	7.613	565	571	574	rBV	2927535	7644174	22.92%	1.597%
22	7.727	576	581	584	rVB	492905	1266639	3.80%	0.265%
23	7.933	596	599	602	rBV2	1910493	4124322	12.36%	0.862%
24	8.013	602	606	610	rVB2	1573423	3270774	9.81%	0.683%
25	8.173	617	620	623	rBV	1194651	2506608	7.51%	0.524%
26	8.230	623	625	628	rVB2	486921	924039	2.77%	0.193%
27	8.299	628	631	635	rVB4	450382	1149880	3.45%	0.240%
28	8.436	640	643	646	rBV3	559809	1182954	3.55%	0.247%
29	8.505	646	649	654	rBV	1284297	2949489	8.84%	0.616%
30	8.630	654	660	664	rBV3	2683034	7520135	22.55%	1.571%
31	8.699	664	666	668	rVB	663140	1068960	3.20%	0.223%
32	8.779	668	673	680	rVB2	1130842	4175959	12.52%	0.873%
33	8.893	680	683	685	rBV	697239	1329307	3.99%	0.278%
34	8.950	685	688	690	rBV	656734	1558555	4.67%	0.326%

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35	8.996	690	692	698	rVB2	1132735	2826723	8.47%	0.591%
36	9.110	698	702	709	rBV2	2151275	5599592	16.79%	1.170%
37	9.419	722	729	737	rVV3	3071823	12765992	38.27%	2.668%
38	9.648	744	749	752	rBV3	966765	3372986	10.11%	0.705%
39	9.705	752	754	761	rVB	1393738	3608309	10.82%	0.754%
40	9.876	766	769	773	rVB4	585881	1292977	3.88%	0.270%
41	10.025	773	782	791	rBV6	1133018	7872095	23.60%	1.645%
42	10.162	791	794	796	rBV2	978243	2258537	6.77%	0.472%
43	10.208	796	798	800	rVV2	581254	844659	2.53%	0.176%
44	10.253	800	802	804	rVV	413694	754195	2.26%	0.158%
45	10.379	808	813	816	rBV3	926825	3149550	9.44%	0.658%
46	10.813	839	851	858	rBV5	2556214	18066370	54.16%	3.775%
47	10.951	858	863	866	rBV2	908825	3618560	10.85%	0.756%
48	11.236	881	888	895	rBV2	1350859	6452115	19.34%	1.348%
49	11.362	896	899	905	rVB3	853426	3047055	9.14%	0.637%
50	11.511	906	912	917	rBV2	570641	2931385	8.79%	0.613%
51	12.516	981	1000	1005	rBV3	5282236	33355753	100.00%	6.970%
52	12.722	1010	1018	1021	rBV2	2729900	11242862	33.71%	2.349%
53	12.825	1022	1027	1030	rVB5	1288577	4335276	13.00%	0.906%
54	13.557	1083	1091	1097	rVB2	2521383	11312268	33.91%	2.364%
55	13.854	1108	1117	1121	rBV3	1690050	10485717	31.44%	2.191%
56	14.025	1126	1132	1139	rVB	2652595	14834750	44.47%	3.100%
57	14.219	1139	1149	1152	rBV	4178131	22356549	67.02%	4.671%
58	14.277	1152	1154	1159	rVB2	3888298	9620584	28.84%	2.010%
59	14.471	1165	1171	1174	rBV2	1928513	7851497	23.54%	1.641%
60	14.642	1180	1186	1188	rBV2	2928400	10521494	31.54%	2.199%
61	15.020	1214	1219	1221	rBV2	1286959	4413115	13.23%	0.922%
62	15.282	1236	1242	1247	rVB4	2141672	8841141	26.51%	1.847%
63	15.614	1266	1271	1275	rVB	2653103	8218108	24.64%	1.717%
64	15.762	1276	1284	1287	rBV2	3103268	14201164	42.57%	2.967%
65	15.820	1287	1289	1292	rVV4	2999385	6649615	19.94%	1.389%
66	15.900	1293	1296	1298	rVV	2049523	5519267	16.55%	1.153%
67	15.957	1298	1301	1306	rVB5	2362151	7307586	21.91%	1.527%
68	16.163	1316	1319	1322	rBV3	896302	2162001	6.48%	0.452%
69	16.265	1323	1328	1329	rBV3	2936261	6714299	20.13%	1.403%
70	16.654	1358	1362	1367	rBV2	3280937	10830044	32.47%	2.263%
71	16.745	1367	1370	1371	rBV2	1085323	2134303	6.40%	0.446%

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72	16.860	1377	1380	1381	rBV	854156	1851535	5.55%	0.387%
73	17.020	1391	1394	1395	rBV	1036585	2069219	6.20%	0.432%
74	17.134	1398	1404	1407	rBV	6282116	19817296	59.41%	4.141%
75	17.317	1418	1420	1421	rBV	691659	968983	2.90%	0.202%
76	17.386	1424	1426	1428	rVV2	2024798	3115135	9.34%	0.651%
77	17.431	1428	1430	1432	rVB2	969410	1414383	4.24%	0.296%
78	17.546	1436	1440	1442	rBV3	2055792	5279170	15.83%	1.103%
79	17.763	1455	1459	1461	rBV	2305572	5368311	16.09%	1.122%
80	17.820	1461	1464	1468	rVB	4526563	9425464	28.26%	1.969%
81	17.968	1472	1477	1479	rBV5	1347034	4802323	14.40%	1.003%
82	18.208	1495	1498	1500	rBV2	1057657	2139542	6.41%	0.447%
83	18.311	1504	1507	1510	rVB3	2007669	4163030	12.48%	0.870%
84	18.380	1510	1513	1515	rBV	1696995	3067490	9.20%	0.641%
85	18.460	1518	1520	1522	rVV	1886220	3573336	10.71%	0.747%
86	18.506	1522	1524	1526	rVV	2444035	3776495	11.32%	0.789%
87	18.608	1530	1533	1534	rVV2	1575683	3341182	10.02%	0.698%
88	18.643	1534	1536	1538	rVB	1974411	2873239	8.61%	0.600%
89	18.917	1558	1560	1562	rVB2	1411308	1883792	5.65%	0.394%
90	19.077	1571	1574	1575	rBV2	1057379	1729644	5.19%	0.361%
91	19.111	1575	1577	1582	rVB	1794248	4141762	12.42%	0.865%
92	19.214	1583	1586	1588	rBV	2148125	4458773	13.37%	0.932%
93	19.317	1593	1595	1598	rVV2	1335375	1947906	5.84%	0.407%
94	19.409	1601	1603	1605	rVB2	765110	1178462	3.53%	0.246%
95	19.660	1623	1625	1629	rVB2	1084955	1923538	5.77%	0.402%
96	19.751	1631	1633	1635	rVV2	935582	1632732	4.89%	0.341%
97	19.797	1635	1637	1640	rVV2	1058737	1666523	5.00%	0.348%
98	19.877	1643	1644	1646	rVV	840378	1040422	3.12%	0.217%
99	19.911	1646	1647	1654	rVB	889024	1669208	5.00%	0.349%
100	21.157	1752	1756	1762	rVB3	396028	979767	2.94%	0.205%

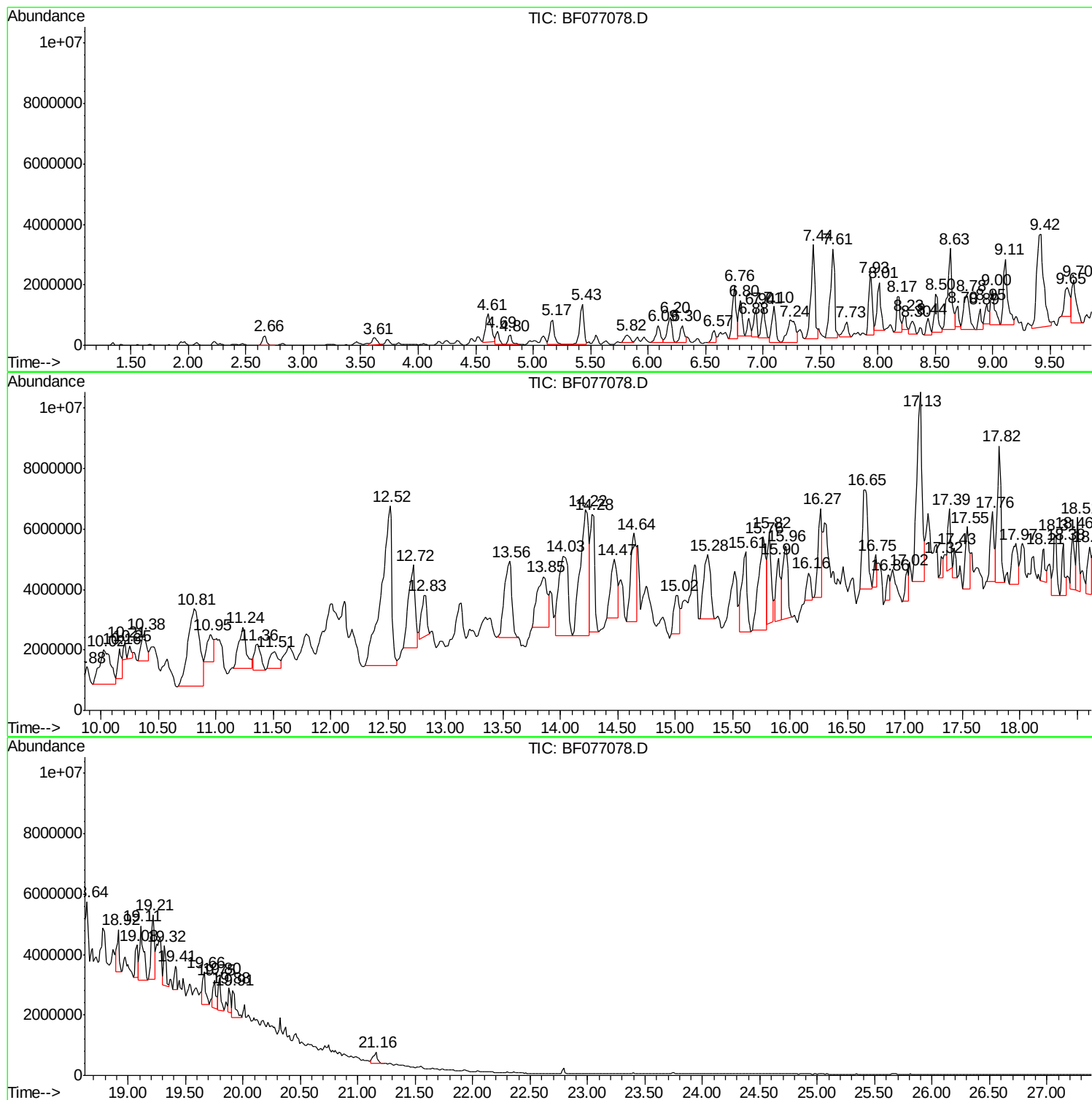
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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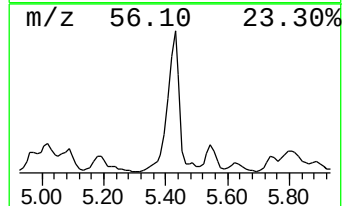
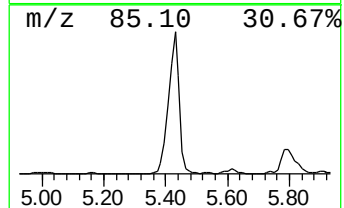
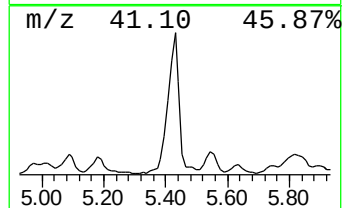
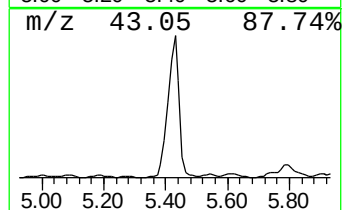
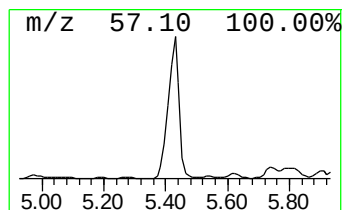
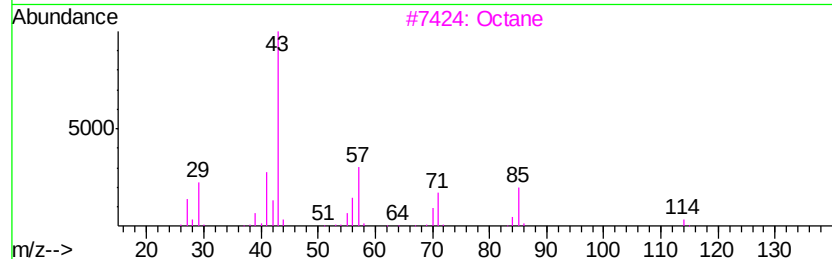
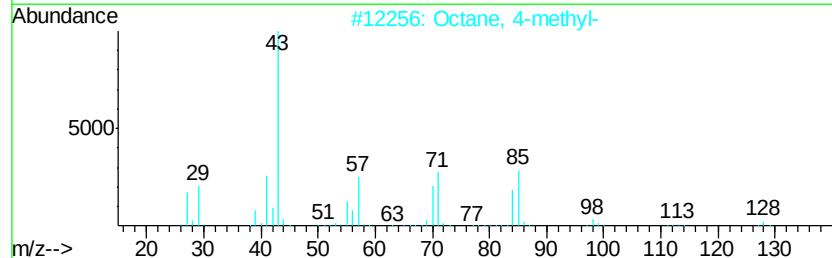
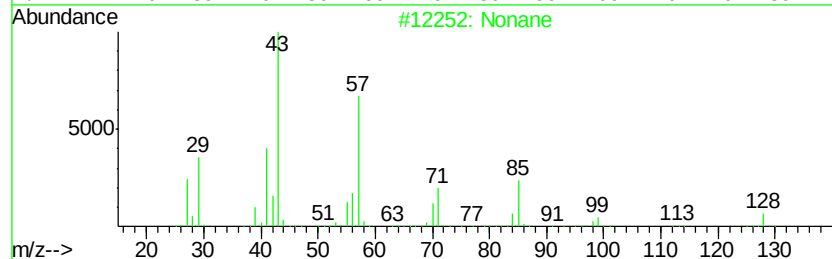
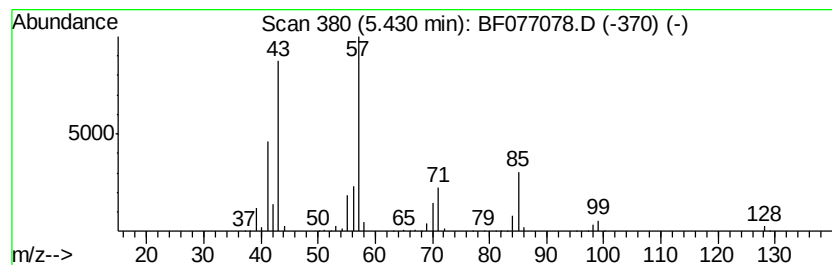
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Nonane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.43	53.80 ng	3407470	1,4-Dichlorobenzene-d4	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane	128	C9H20	000111-84-2	90
2		Octane, 4-methyl-	128	C9H20	002216-34-4	64
3		Octane	114	C8H18	000111-65-9	64
4		1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	59
5		Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	59



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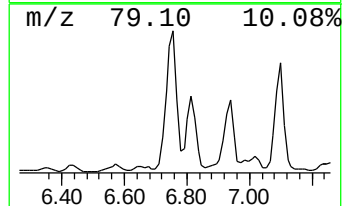
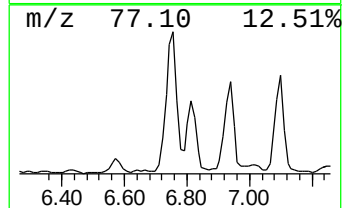
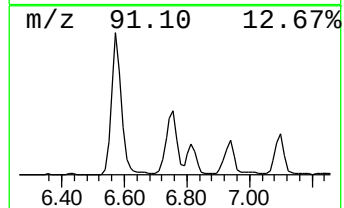
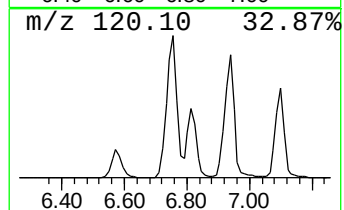
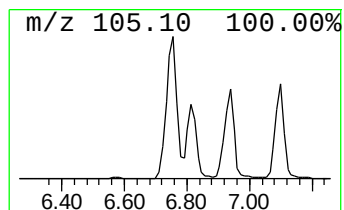
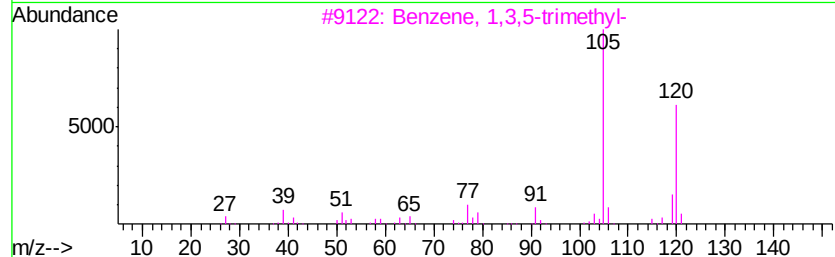
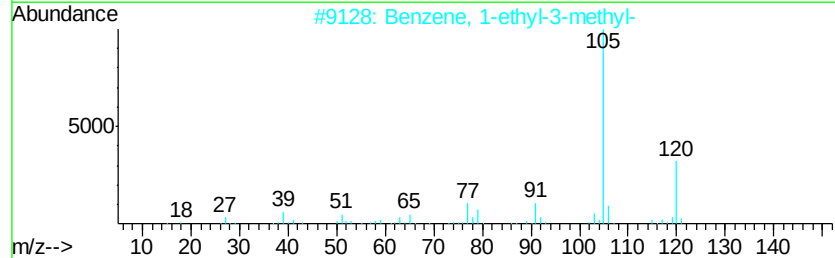
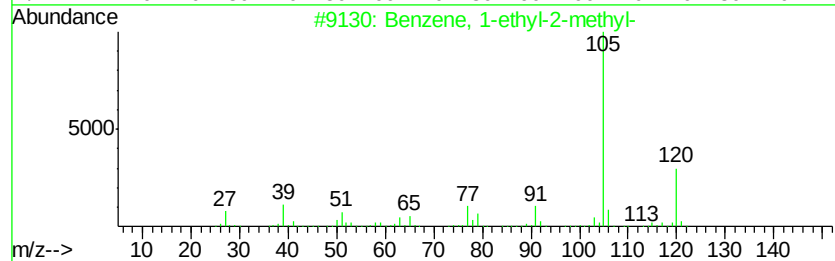
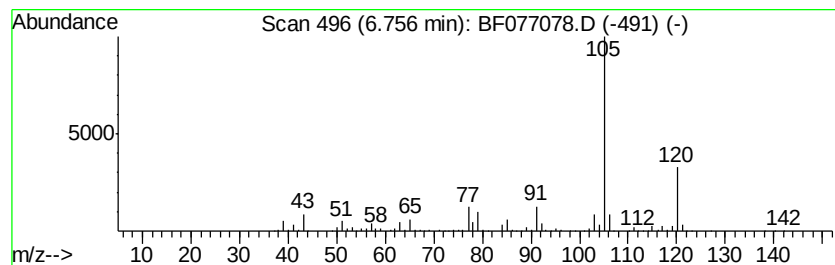
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.76	66.71 ng	4225050	1,4-Dichlorobenzene-d4	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
4		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90



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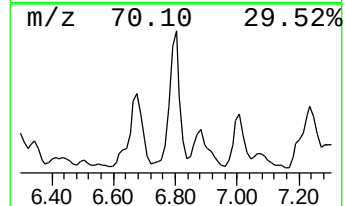
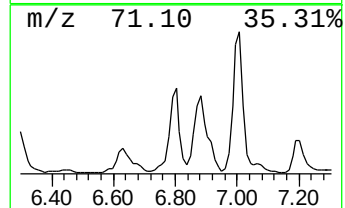
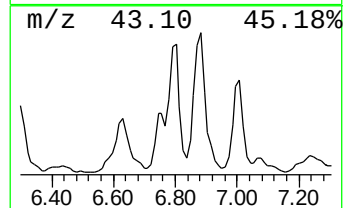
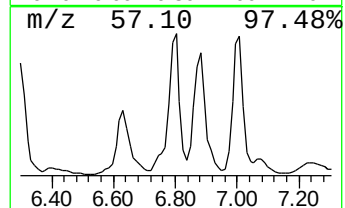
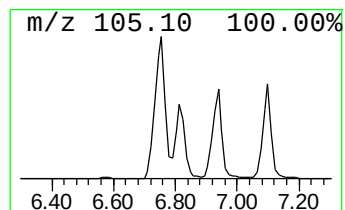
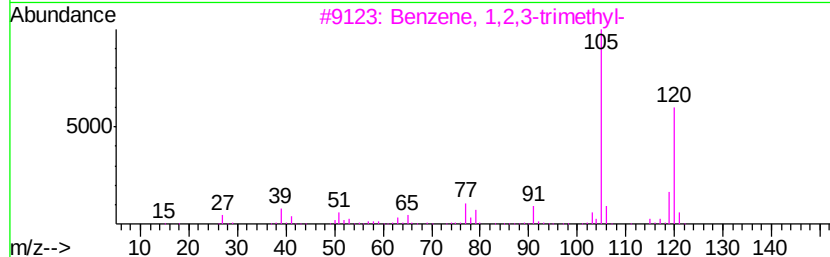
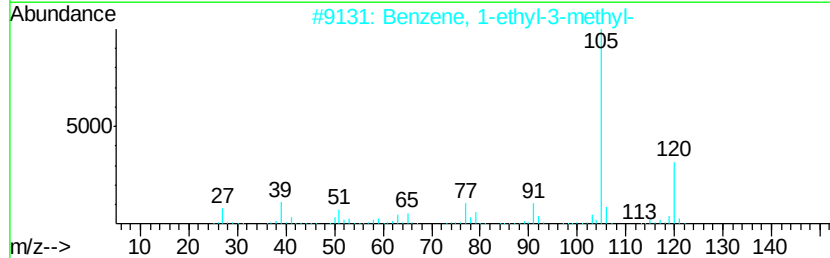
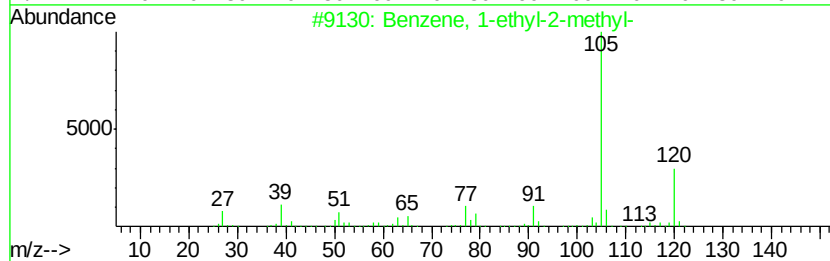
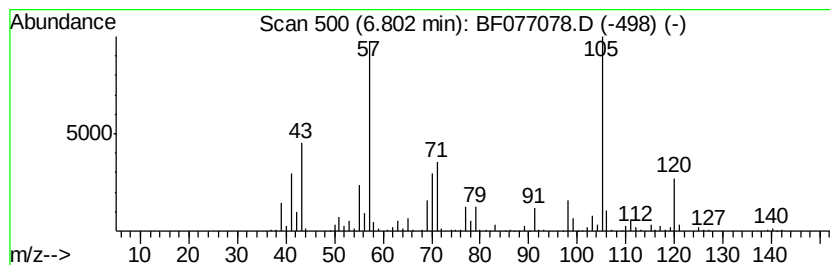
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Peak Number 4 Benzene, 1-ethyl-3-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.80	40.26 ng	2549760	1,4-Dichlorobenzene-d4	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	83
2		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	46
3		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	46
4		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	42
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	42



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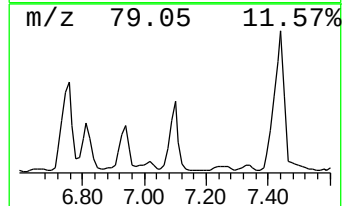
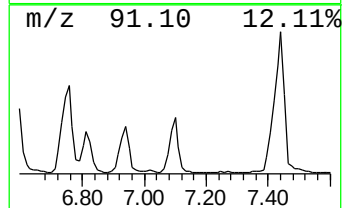
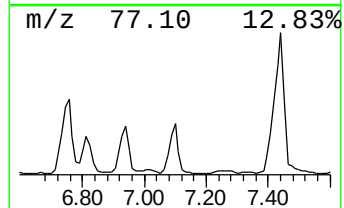
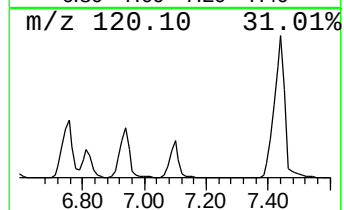
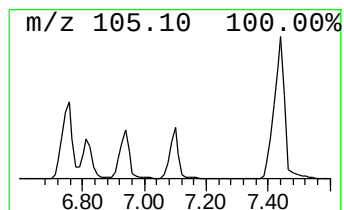
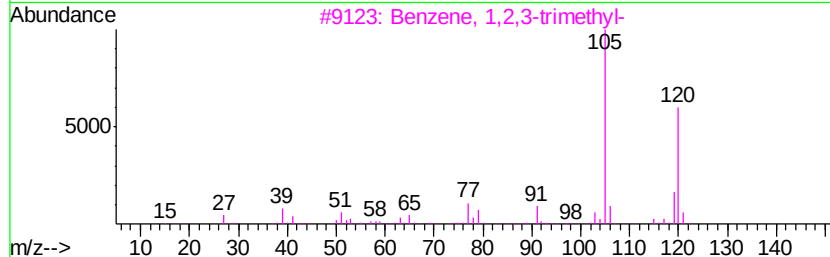
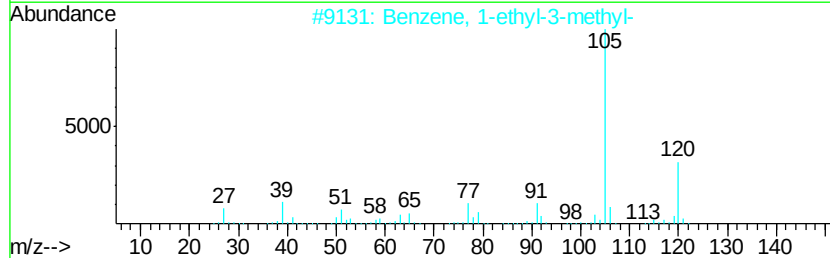
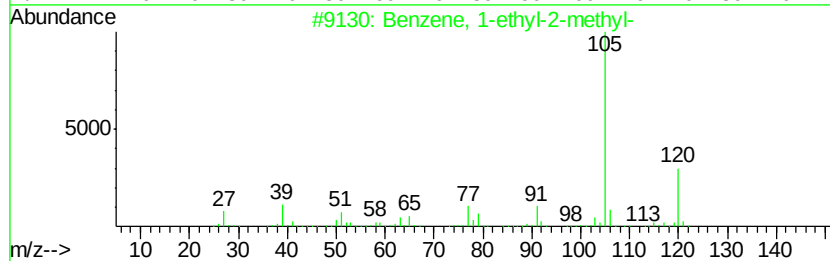
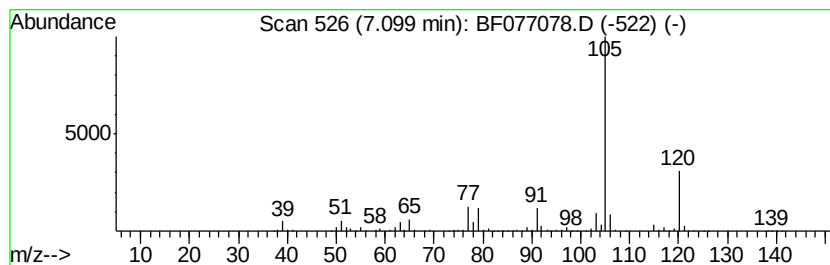
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzene, 1,2,3-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	42.91 ng	2717430	1,4-Dichlorobenzene-d4	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
3		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
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Acq On : 27 Jan 2015 7:41
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ClientSampleId :
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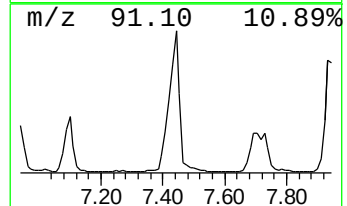
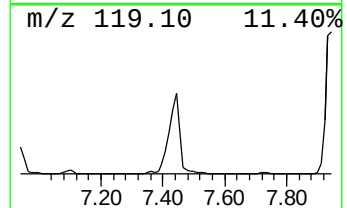
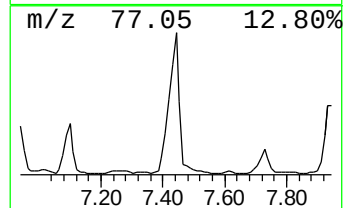
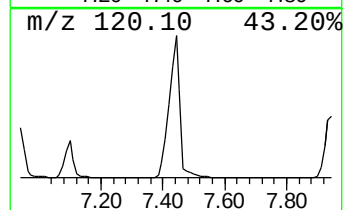
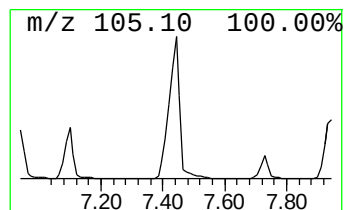
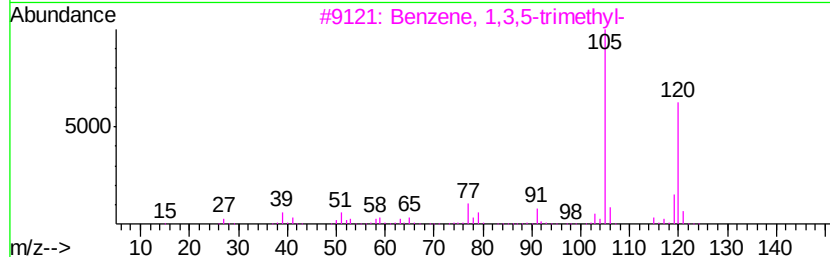
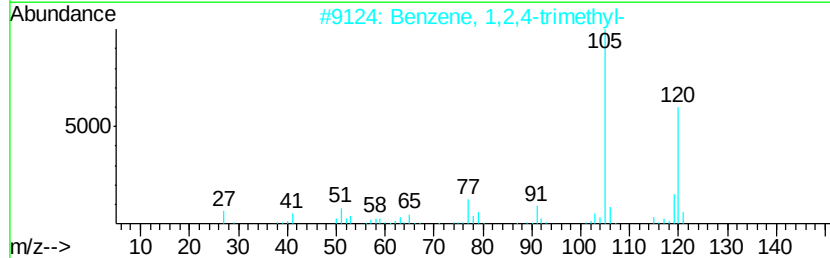
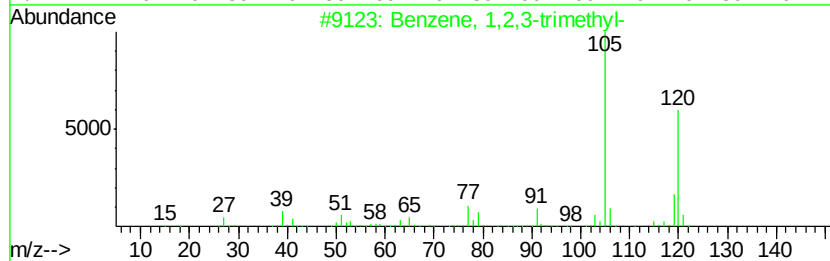
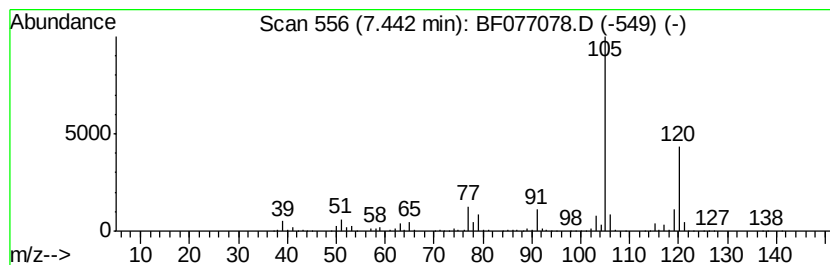
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzene, 1,3,5-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.44	120.49 ng	7630660	1,4-Dichlorobenzene-d4	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	94
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
Data File : BF077078.D
Acq On : 27 Jan 2015 7:41
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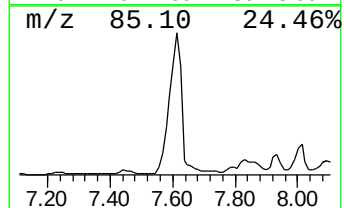
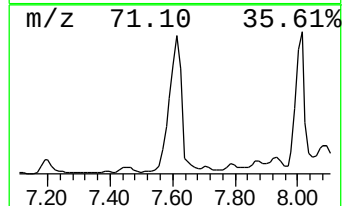
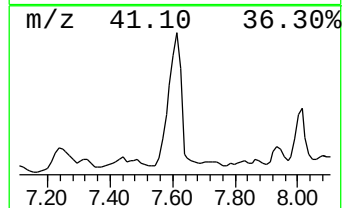
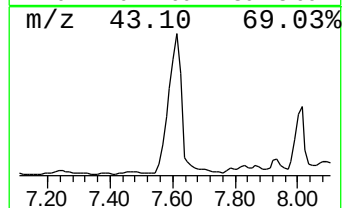
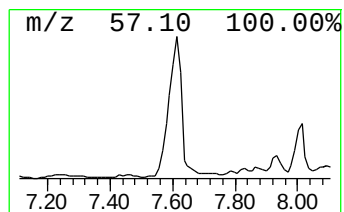
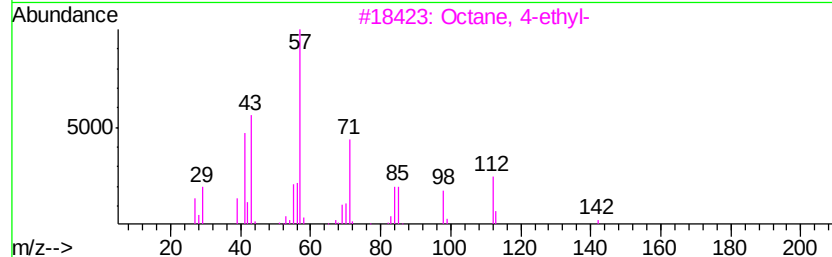
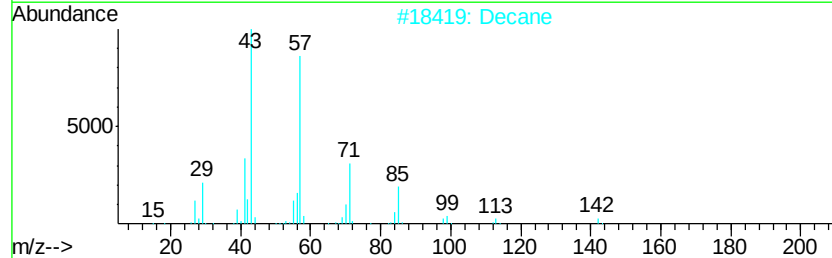
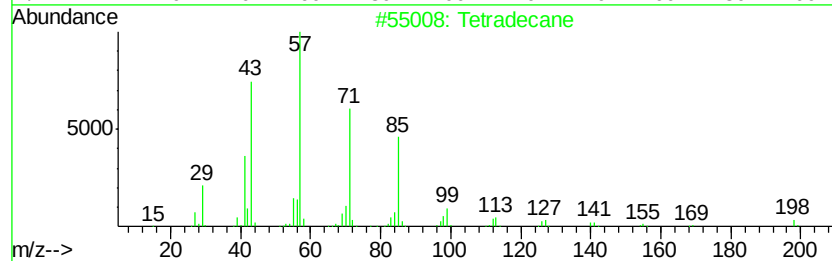
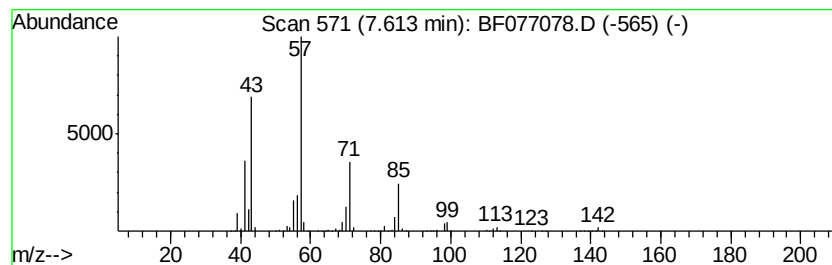
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tetradecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	120.70 ng	7644170	1,4-Dichlorobenzene-d4	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	83
2		Decane	142	C10H22	000124-18-5	72
3		Octane, 4-ethyl-	142	C10H22	015869-86-0	72
4		Tridecane	184	C13H28	000629-50-5	72
5		Hexadecane	226	C16H34	000544-76-3	72



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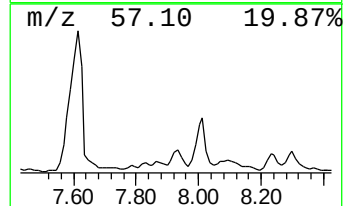
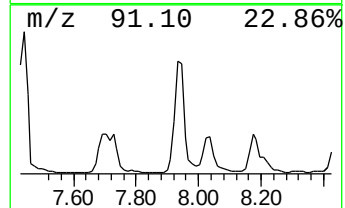
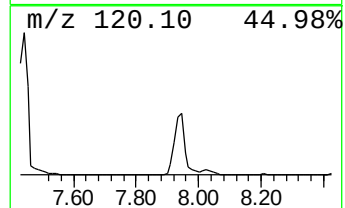
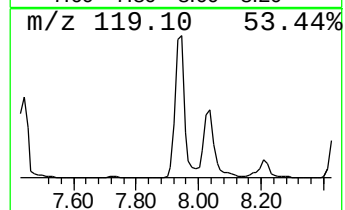
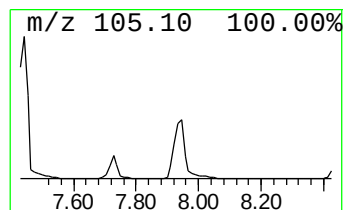
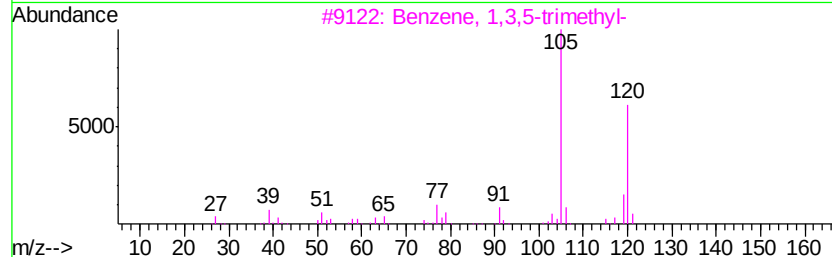
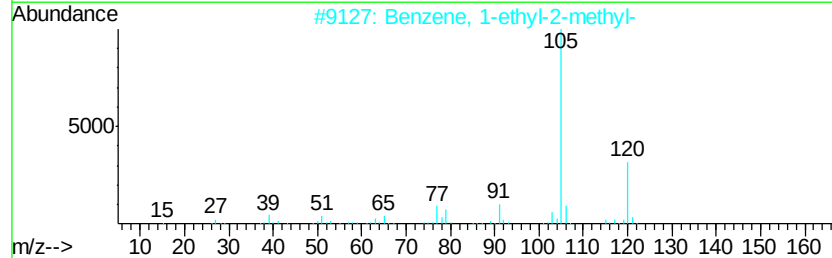
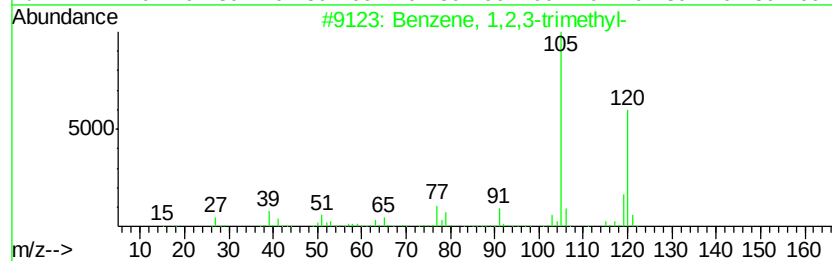
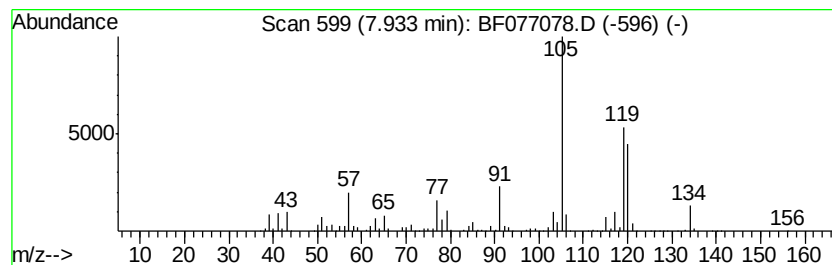
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Benzene, 1-ethyl-4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.93	65.12 ng	4124320	1,4-Dichlorobenzene-d4	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	64
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	60
3		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	58
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	55
5		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	55



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
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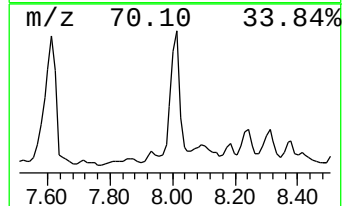
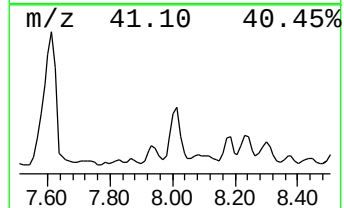
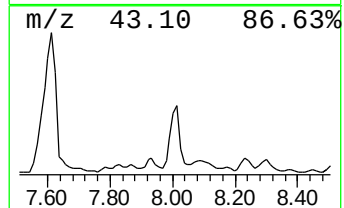
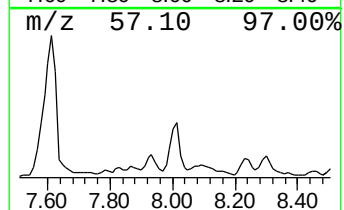
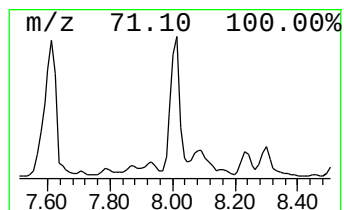
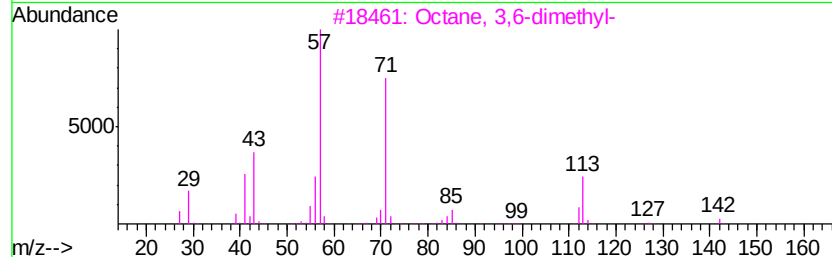
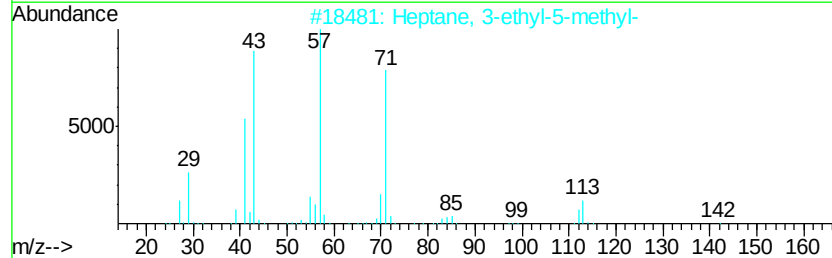
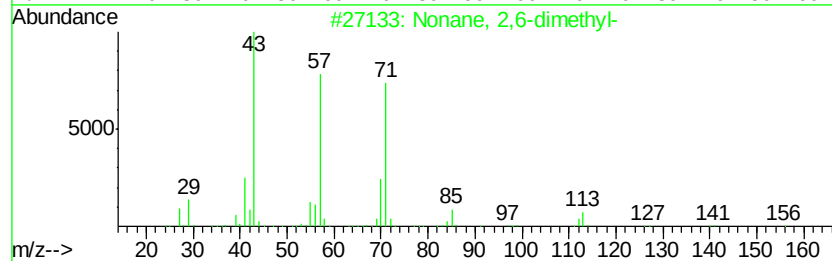
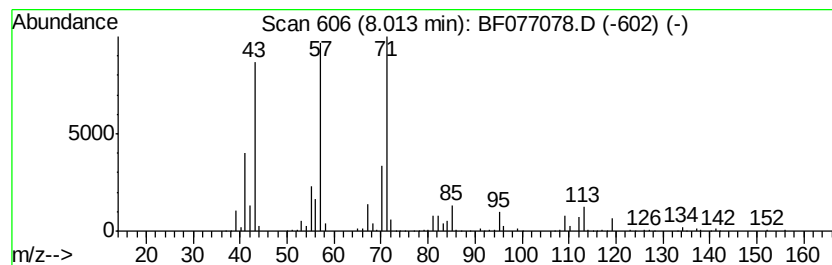
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Nonane, 2,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.01	51.64 ng	3270770	1,4-Dichlorobenzene-d4	7.80

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	87	
2	Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	74	
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64	
4	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	64	
5	Octane, 3-ethyl-	142	C10H22	005881-17-4	64	



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
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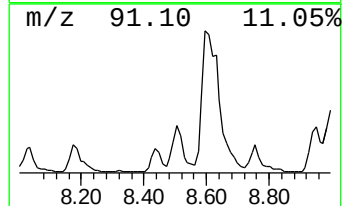
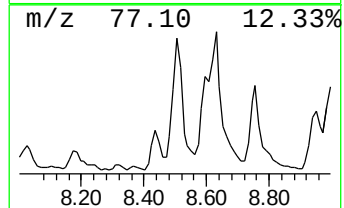
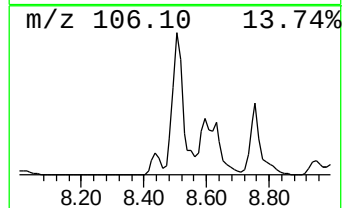
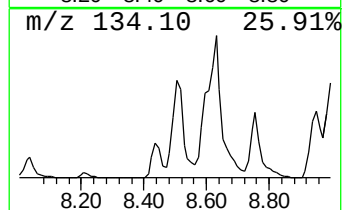
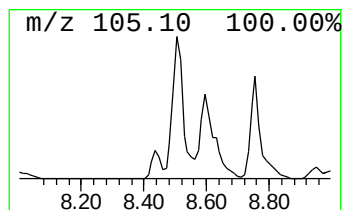
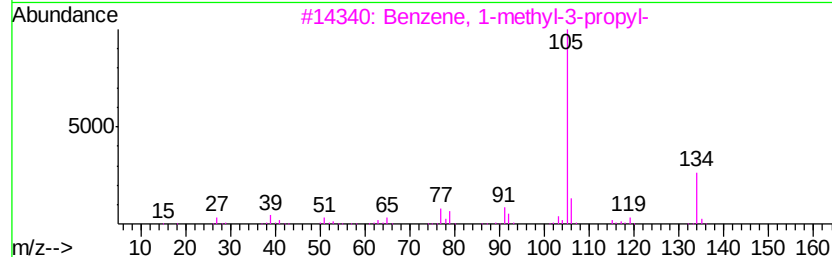
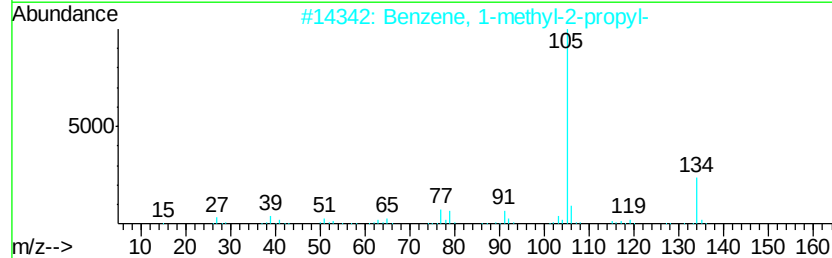
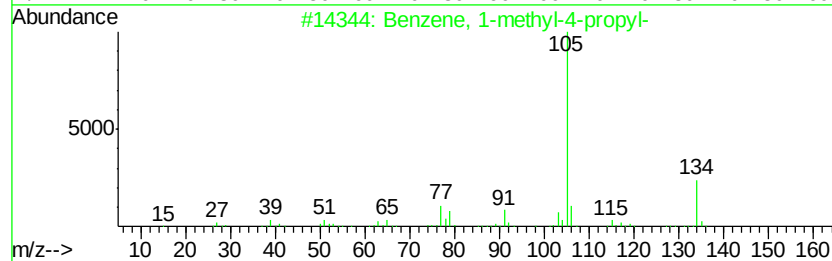
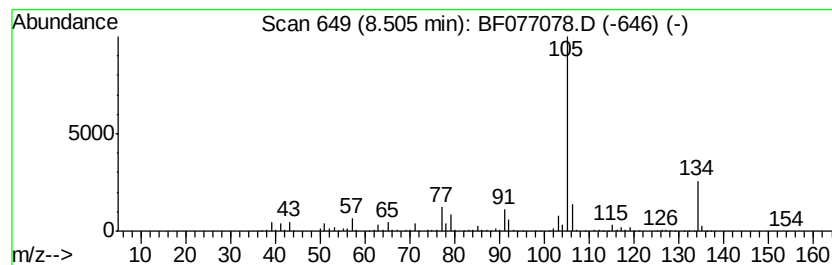
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Benzene, 1-methyl-4-propyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.50	46.57 ng	2949490	1,4-Dichlorobenzene-d4	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
2		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
3		Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91
4		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
5		2-Tolylloxirane	134	C9H10O	002783-26-8	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
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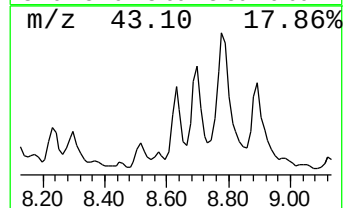
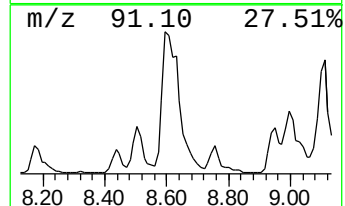
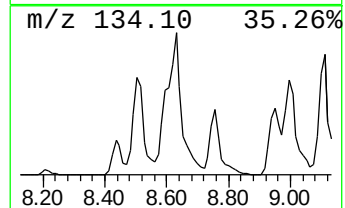
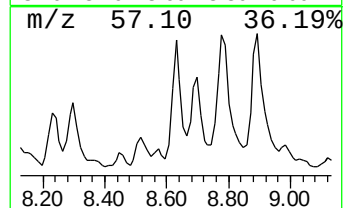
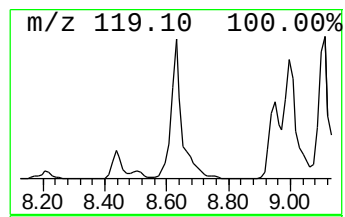
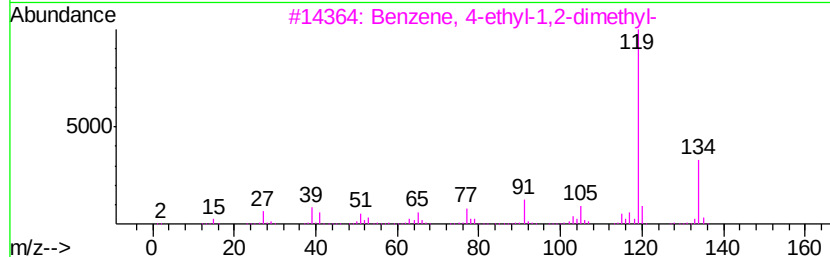
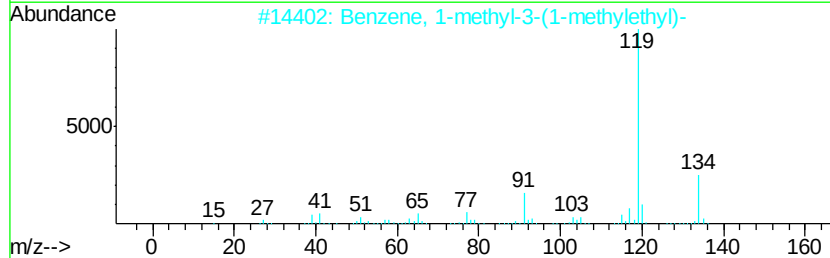
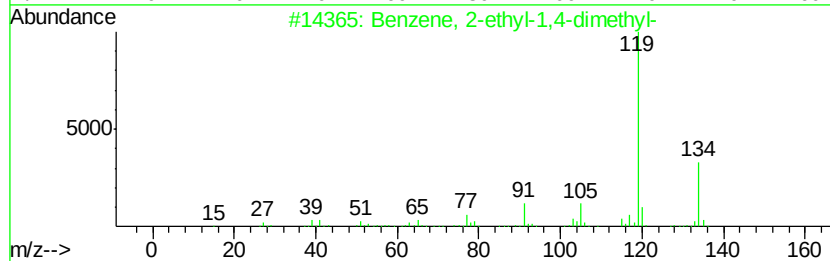
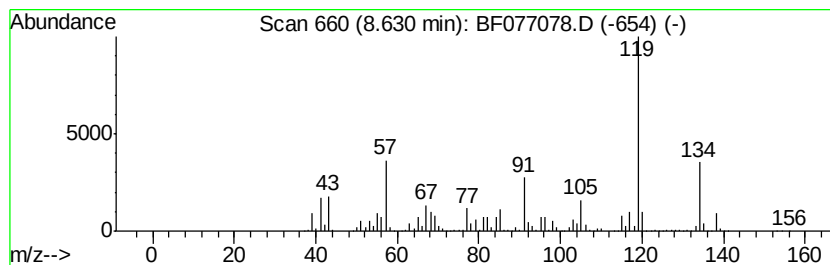
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.63	118.74 ng	7520140	1,4-Dichlorobenzene-d4	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
3		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
4		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	93
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
Data File : BF077078.D
Acq On : 27 Jan 2015 7:41
Operator : TP/IZ
Sample : G1137-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

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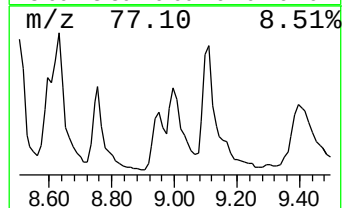
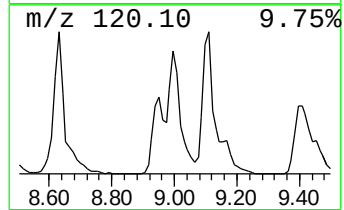
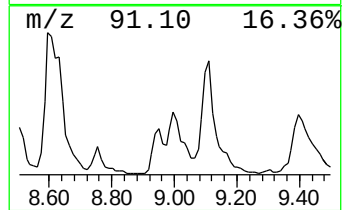
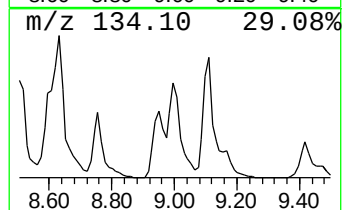
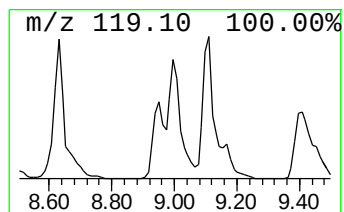
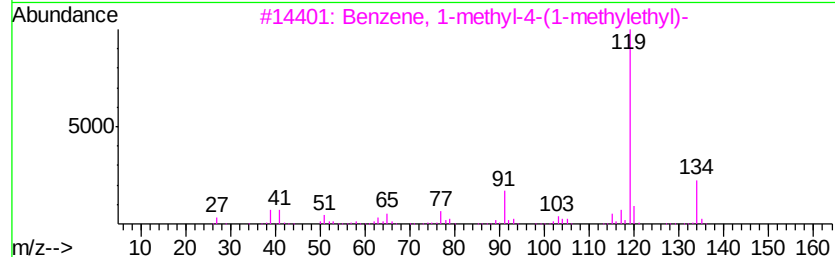
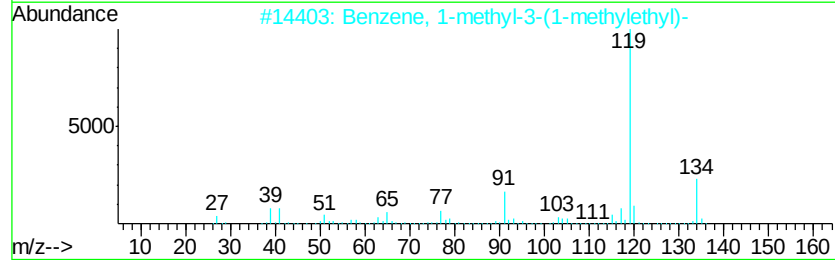
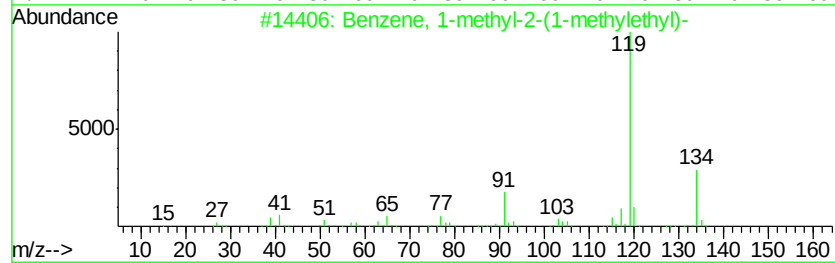
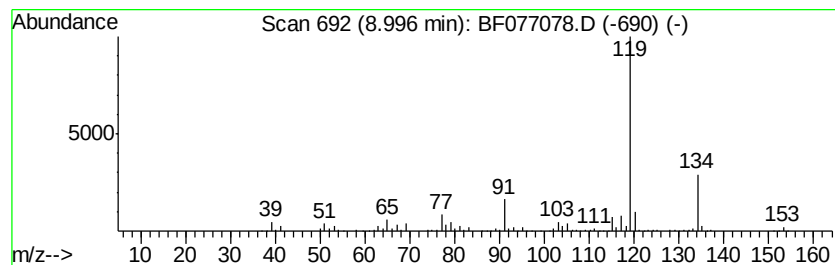
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benzene, 1-methyl-2-(1-meth... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.00	44.63 ng	2826720	1,4-Dichlorobenzene-d4	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	94
2		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
3		Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	94
4		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
5		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91



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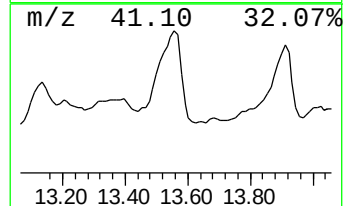
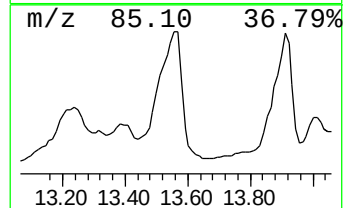
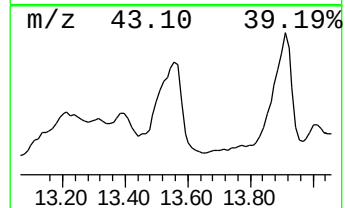
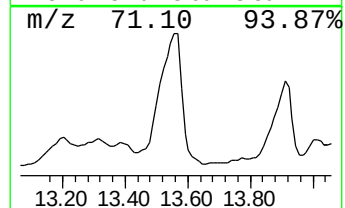
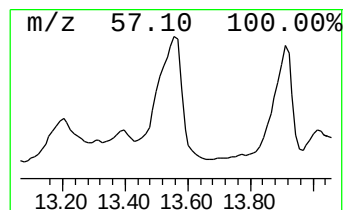
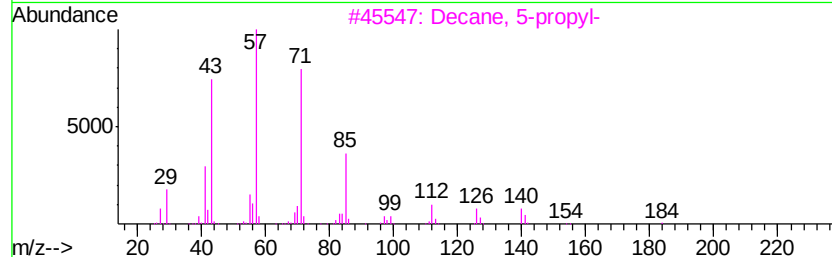
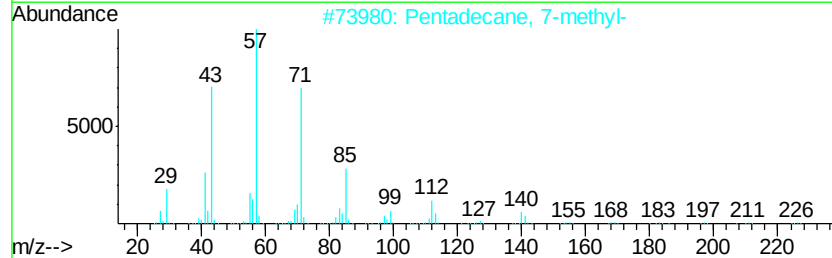
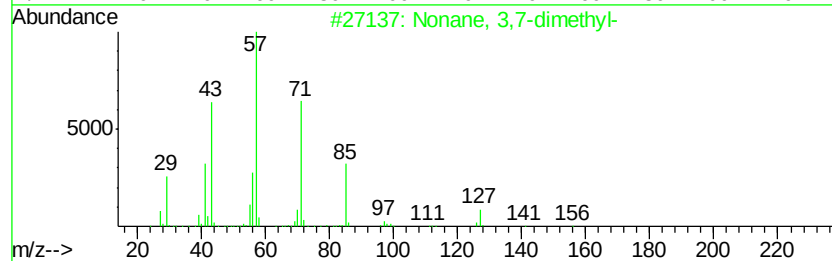
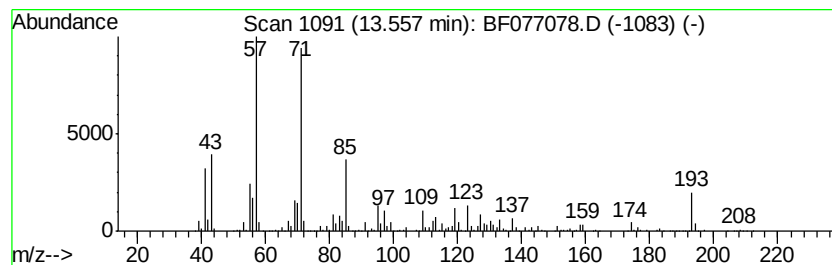
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Nonane, 3,7-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.56	51.27 ng	11312300	Acenaphthene-d10	14.92
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Nonane, 3,7-dimethyl-	156 C11H24	017302-32-8 53
2		Pentadecane, 7-methyl-	226 C16H34	006165-40-8 50
3		Decane, 5-propyl-	184 C13H28	017312-62-8 50
4		Dodecane, 2,6,10-trimethyl-	212 C15H32	003891-98-3 49
5		Dodecane, 2,7,10-trimethyl-	212 C15H32	074645-98-0 49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
Data File : BF077078.D
Acq On : 27 Jan 2015 7:41
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Sample : G1137-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

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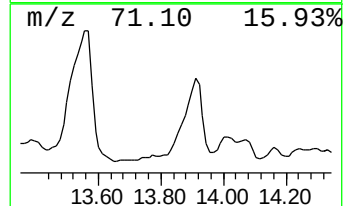
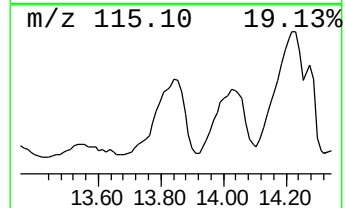
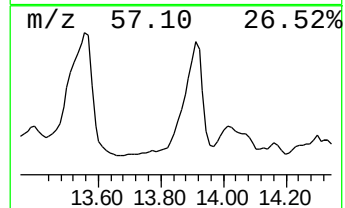
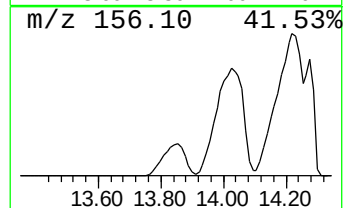
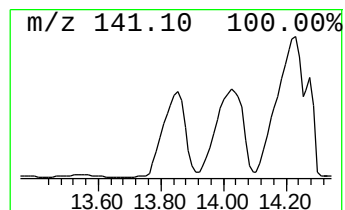
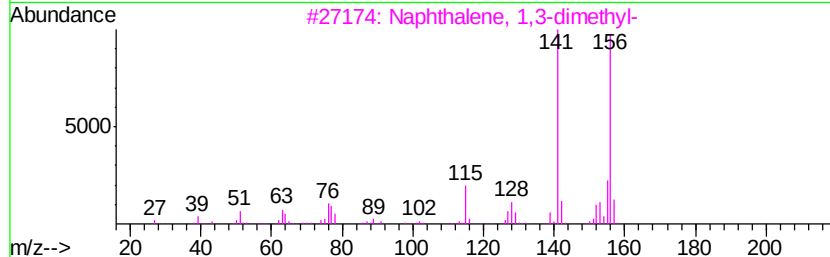
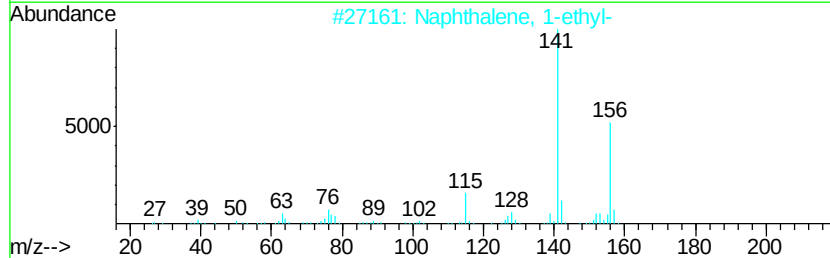
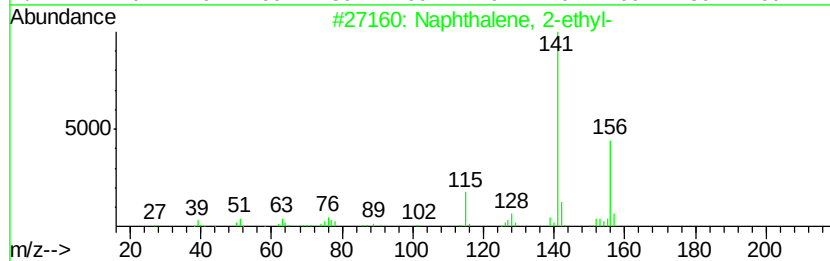
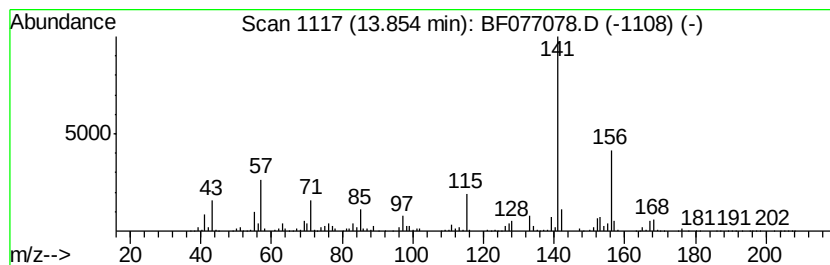
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, 2-ethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	47.52 ng	10485700	Acenaphthene-d10	14.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
2		Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
3		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	80
4		Trimethyl-2-thienylsilane	156	C7H12SSi	018245-28-8	59
5		Butethal	212	C10H16N2O3	000077-28-1	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
Data File : BF077078.D
Acq On : 27 Jan 2015 7:41
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Misc :
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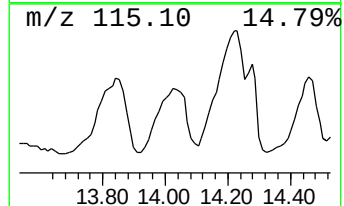
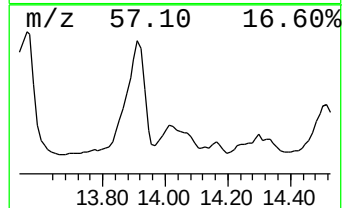
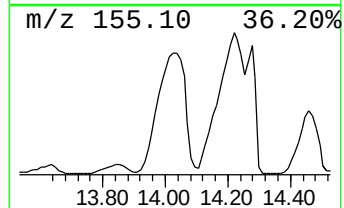
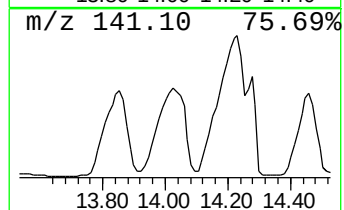
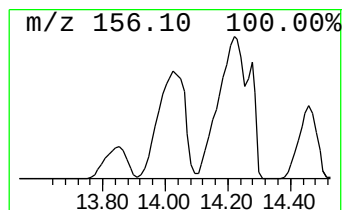
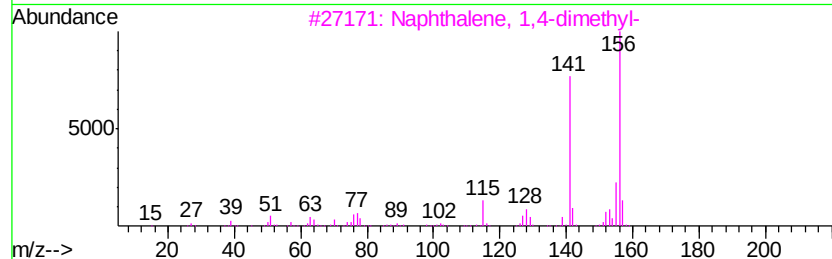
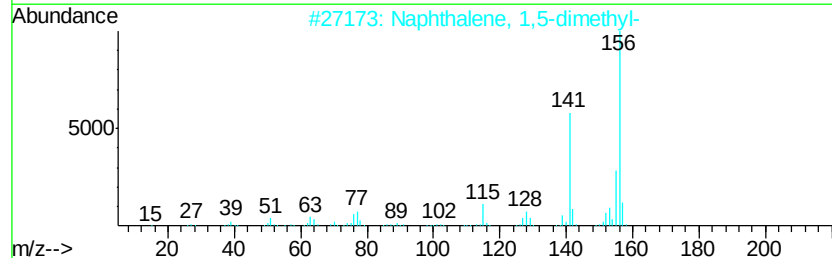
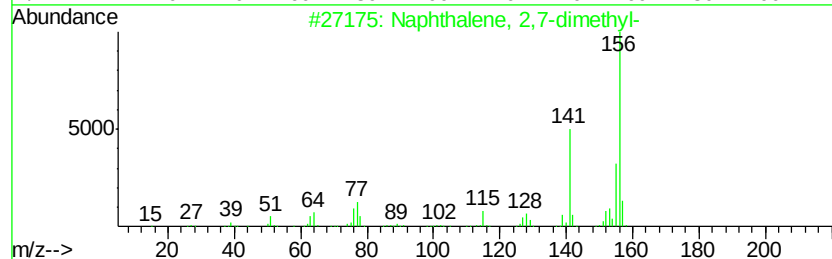
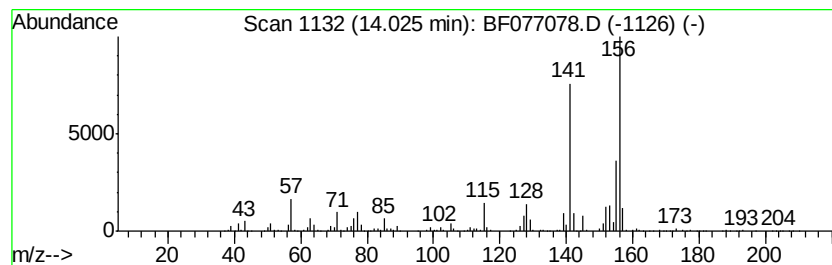
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Naphthalene, 2,7-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.03	67.23 ng	14834800	Acenaphthene-d10	14.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
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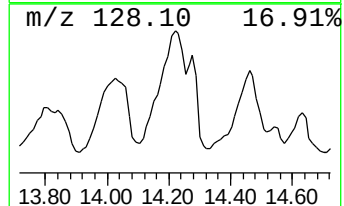
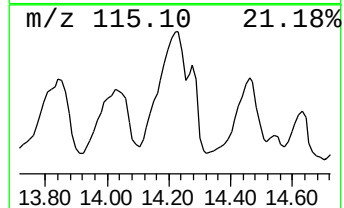
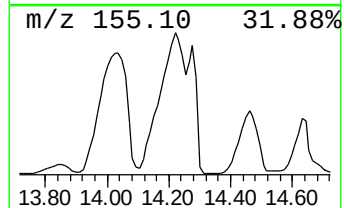
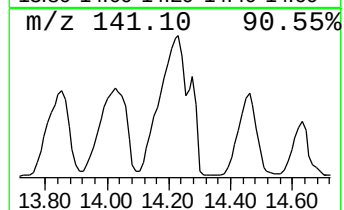
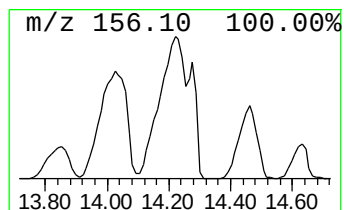
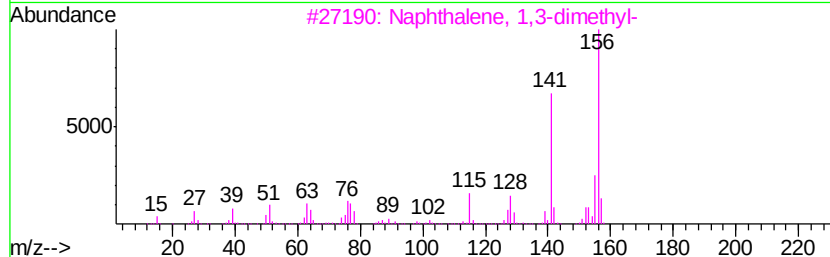
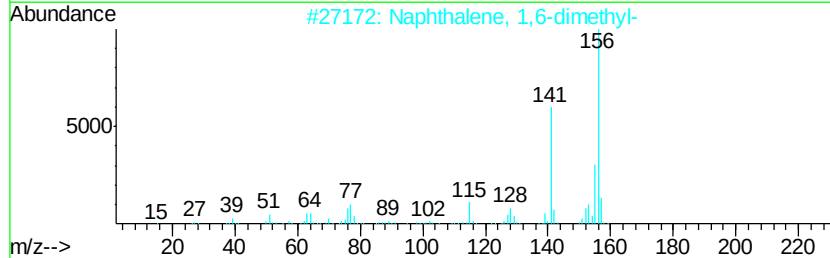
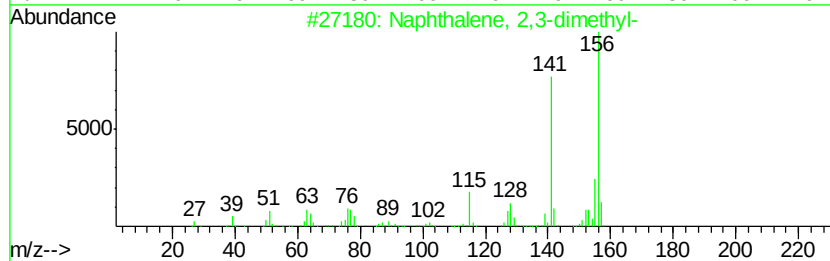
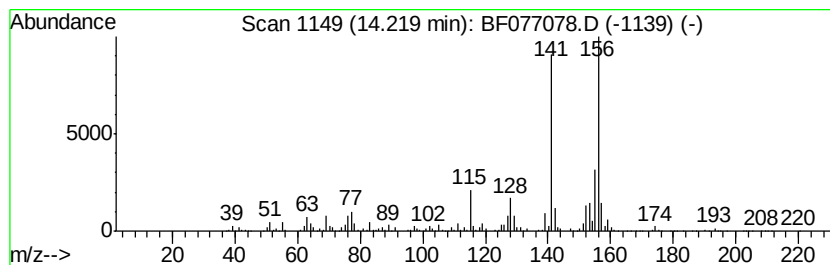
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Naphthalene, 2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.22	101.32 ng	22356500	Acenaphthene-d10	14.92
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97
2		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 97
3		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 97
4		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 97
5		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 97



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
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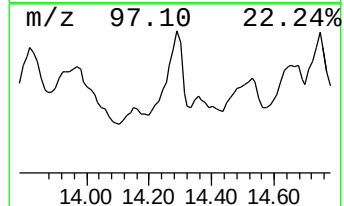
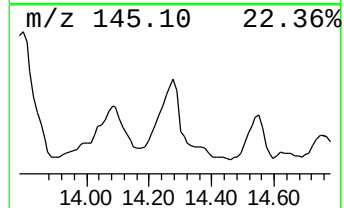
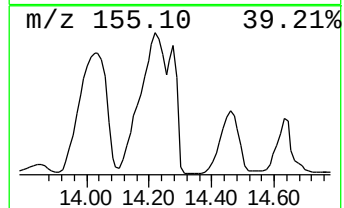
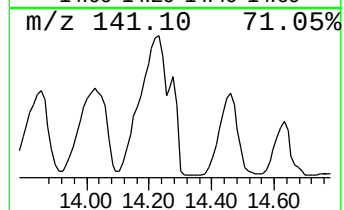
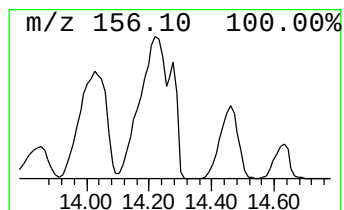
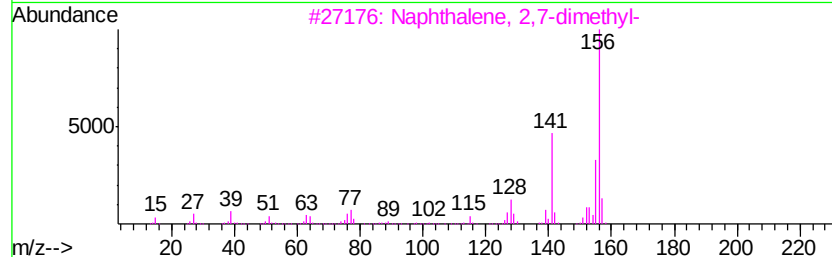
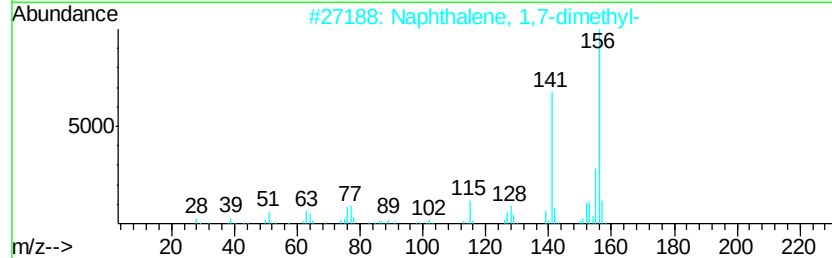
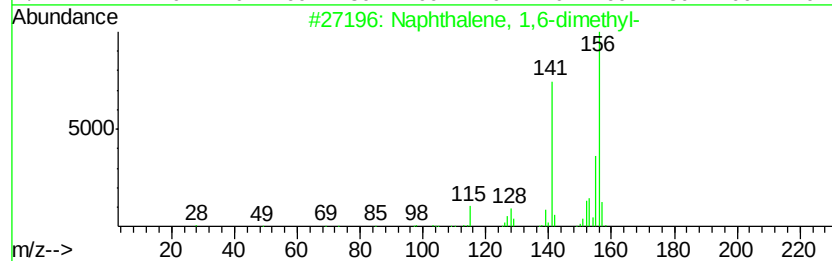
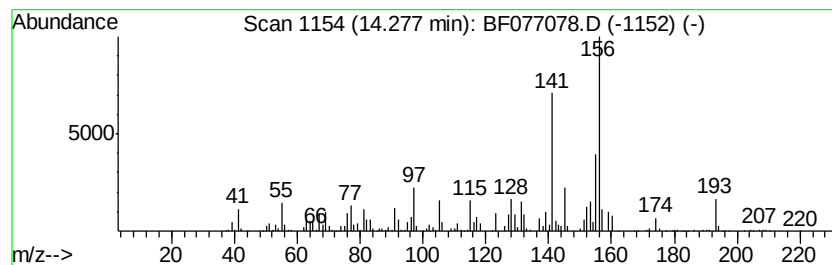
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Naphthalene, 1,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.28	43.60 ng	9620580	Acenaphthene-d10	14.92
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 95
2		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 93
3		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 92
4		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 91
5		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
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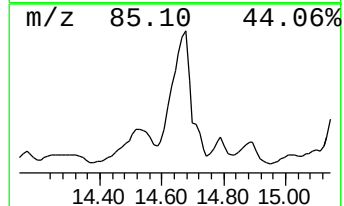
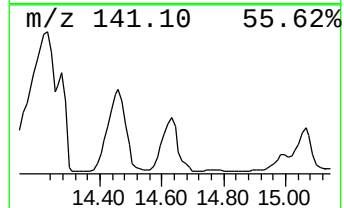
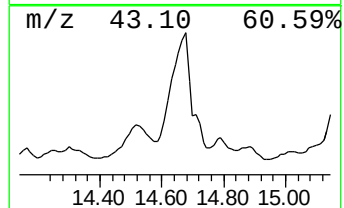
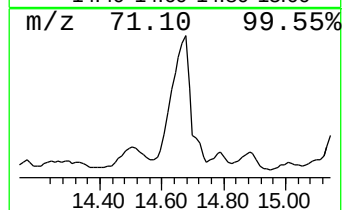
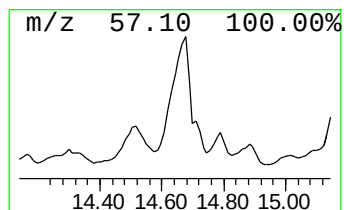
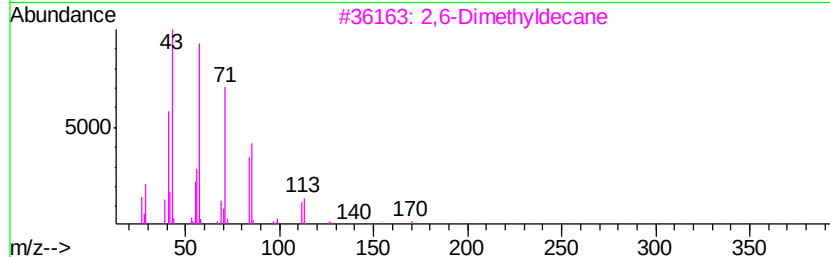
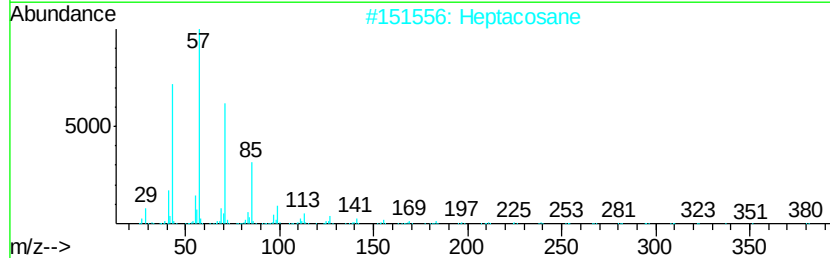
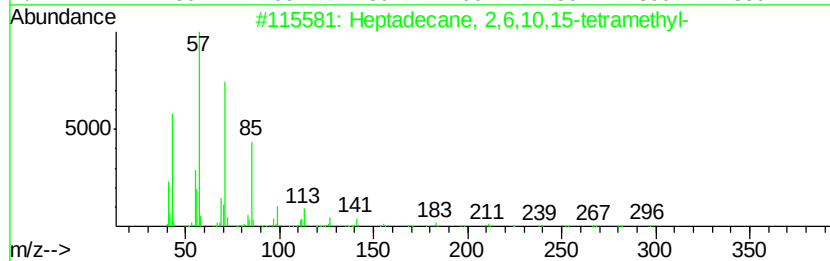
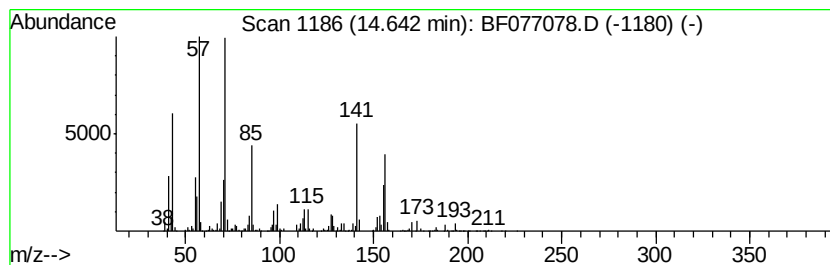
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown14.64 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	47.68 ng	10521500	Acenaphthene-d10	14.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	49
2		Heptacosane	380	C27H56	000593-49-7	49
3		2,6-Dimethyldecane	170	C12H26	013150-81-7	43
4		Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	43
5		Eicosane	282	C20H42	000112-95-8	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
Data File : BF077078.D
Acq On : 27 Jan 2015 7:41
Operator : TP/IZ
Sample : G1137-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
104B2

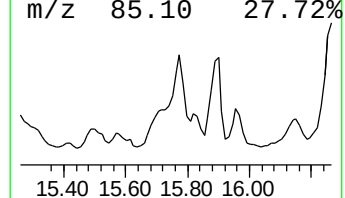
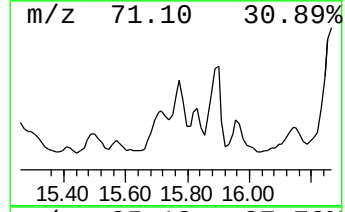
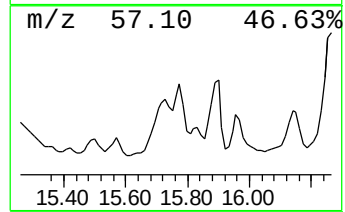
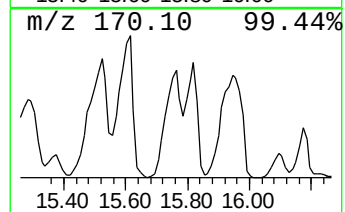
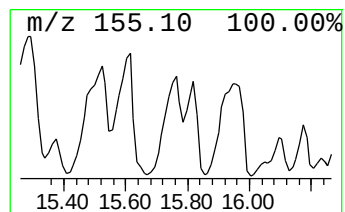
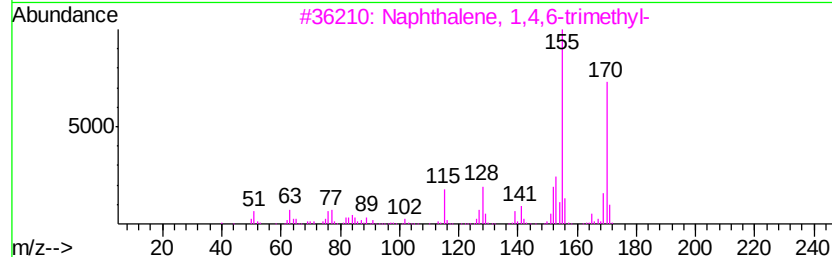
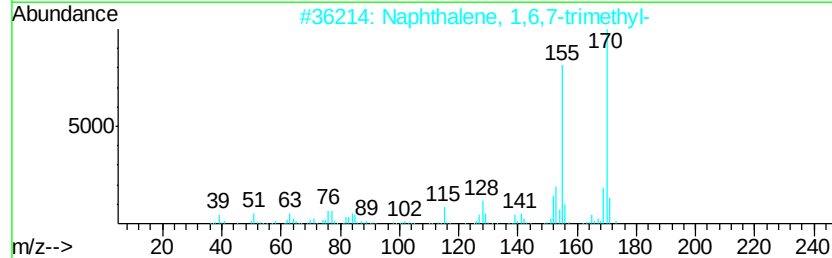
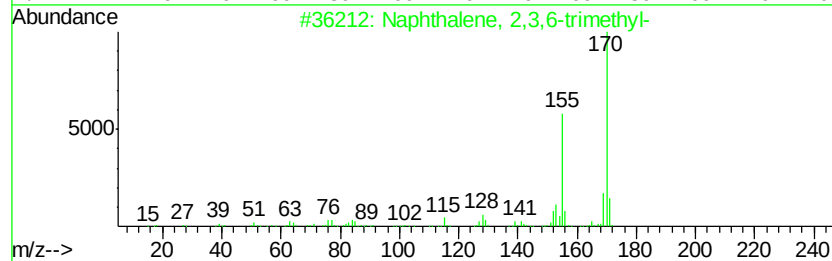
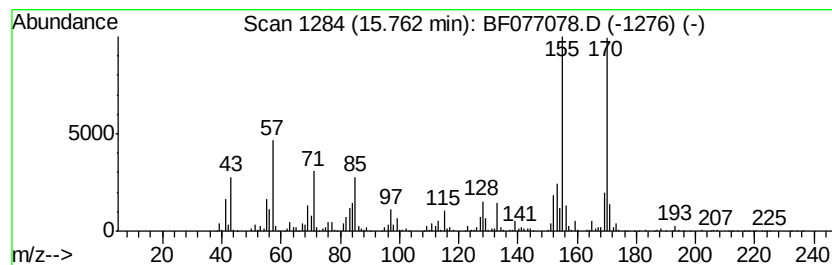
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Naphthalene, 2,3,6-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.76	64.36 ng	14201200	Acenaphthene-d10	14.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	91
4		Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	91
5		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
Data File : BF077078.D
Acq On : 27 Jan 2015 7:41
Operator : TP/IZ
Sample : G1137-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
104B2

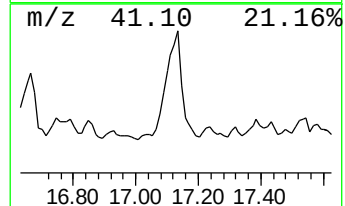
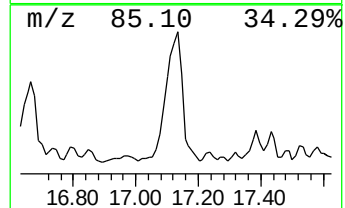
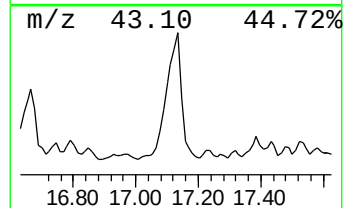
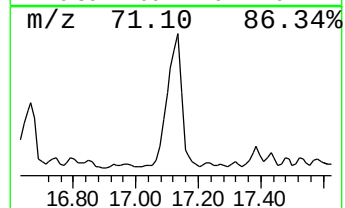
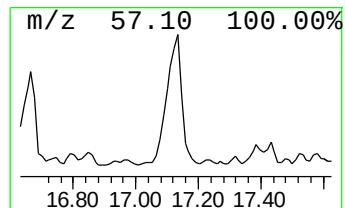
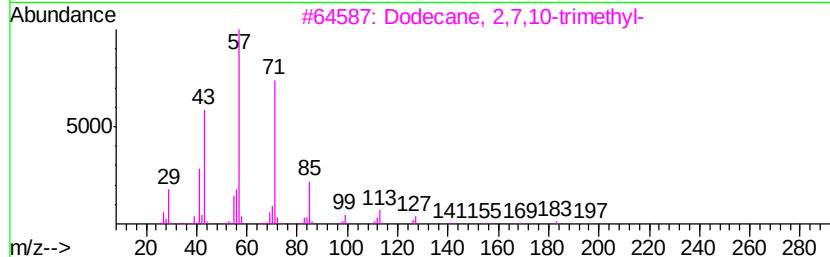
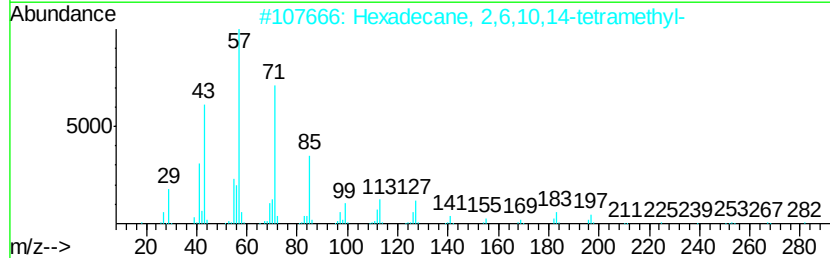
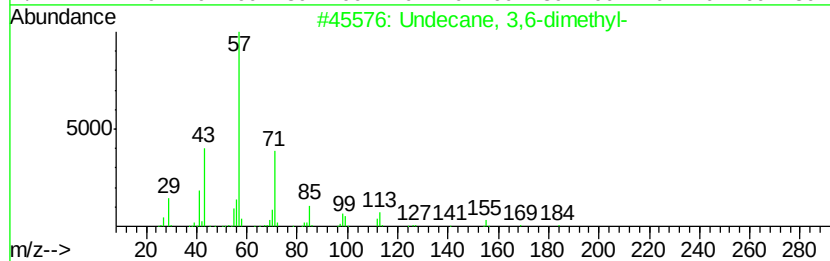
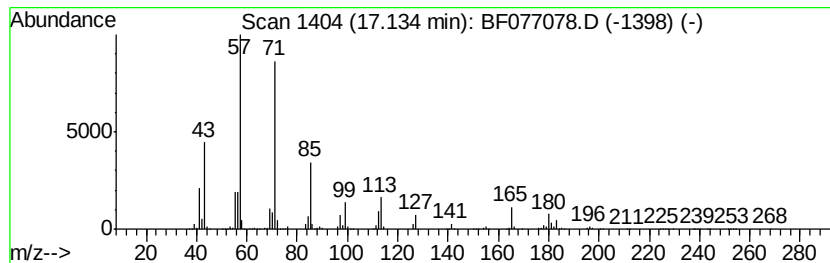
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Undecane, 3,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.13	73.83 ng	19817300	Phenanthrene-d10	17.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	87
2		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	78
3		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
4		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	72
5		Decane, 5-propyl-	184	C13H28	017312-62-8	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
 Data File : BF077078.D
 Acq On : 27 Jan 2015 7:41
 Operator : TP/IZ
 Sample : G1137-03
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 104B2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Nonane	5.43	53.8	ng	3407470	1	7.80	1266640	20.0
Benzene, 1-ethyl-...	6.76	66.7	ng	4225050	1	7.80	1266640	20.0
Benzene, 1-ethyl-...	6.80	40.3	ng	2549760	1	7.80	1266640	20.0
Benzene, 1,2,3-tr...	7.10	42.9	ng	2717430	1	7.80	1266640	20.0
Benzene, 1,3,5-tr...	7.44	120.5	ng	7630660	1	7.80	1266640	20.0
Tetradecane	7.61	120.7	ng	7644170	1	7.80	1266640	20.0
Benzene, 1-ethyl-...	7.93	65.1	ng	4124320	1	7.80	1266640	20.0
Nonane, 2,6-dimet...	8.01	51.6	ng	3270770	1	7.80	1266640	20.0
Benzene, 1-methyl...	8.50	46.6	ng	2949490	1	7.80	1266640	20.0
Benzene, 2-ethyl-...	8.63	118.7	ng	7520140	1	7.80	1266640	20.0
Benzene, 1-methyl...	9.00	44.6	ng	2826720	1	7.80	1266640	20.0
Nonane, 3,7-dimet...	13.56	51.3	ng	11312300	3	14.92	4413120	20.0
Naphthalene, 2-et...	13.85	47.5	ng	10485700	3	14.92	4413120	20.0
Naphthalene, 2,7-...	14.03	67.2	ng	14834800	3	14.92	4413120	20.0
Naphthalene, 2,3-...	14.22	101.3	ng	22356500	3	14.92	4413120	20.0
Naphthalene, 1,6-...	14.28	43.6	ng	9620580	3	14.92	4413120	20.0
unknown14.64	14.64	47.7	ng	10521500	3	14.92	4413120	20.0
Naphthalene, 2,3,...	15.76	64.4	ng	14201200	3	14.92	4413120	20.0
Undecane, 3,6-dim...	17.13	73.8	ng	19817300	4	17.72	5368310	20.0