

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070815\
 Data File : BF080396.D
 Acq On : 8 Jul 2015 19:20
 Operator : TP/UM
 Sample : G2866-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-6.5-7.0-070115

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-BF070615.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	2.384	24	26	30	rVB	160694	213113	3.13%	0.142%
2	5.356	281	286	289	rBV3	82203	190555	2.80%	0.127%
3	5.402	289	290	292	rBV	273661	328054	4.81%	0.219%
4	5.630	307	310	314	rBV2	131790	187692	2.75%	0.125%
5	5.813	323	326	328	rBV	710102	842944	12.36%	0.562%
6	5.984	339	341	343	rBV2	117122	174736	2.56%	0.116%
7	6.030	343	345	346	rVB	256544	211244	3.10%	0.141%
8	6.076	346	349	353	rVB2	133602	237639	3.49%	0.158%
9	6.236	359	363	365	rBV3	275883	436989	6.41%	0.291%
10	6.270	365	366	368	rBV	133629	178611	2.62%	0.119%
11	6.373	373	375	377	rVB	320821	295689	4.34%	0.197%
12	6.407	377	378	380	rBV	219607	195407	2.87%	0.130%
13	6.464	380	383	388	rBV3	576103	1031247	15.13%	0.687%
14	6.544	388	390	392	rBV2	162147	302617	4.44%	0.202%
15	6.579	392	393	397	rVB2	232484	315943	4.63%	0.211%
16	6.647	397	399	401	rBV2	187841	348515	5.11%	0.232%
17	6.750	405	408	412	rBV2	844924	1257765	18.45%	0.838%
18	6.819	412	414	416	rBV2	761959	1186266	17.40%	0.791%
19	6.865	416	418	419	rVB	334604	230776	3.38%	0.154%
20	6.887	419	420	421	rVB	473882	325083	4.77%	0.217%
21	6.910	421	422	424	rBV	242786	245367	3.60%	0.164%
22	6.967	424	427	432	rVB4	1131090	3081337	45.20%	2.053%
23	7.070	432	436	437	rBV2	559938	984408	14.44%	0.656%
24	7.127	437	441	443	rBV2	454530	712440	10.45%	0.475%
25	7.173	443	445	446	rBV2	635758	785463	11.52%	0.523%
26	7.207	446	448	449	rVB	860422	878945	12.89%	0.586%
27	7.265	449	453	455	rBV3	557308	963098	14.13%	0.642%
28	7.322	455	458	460	rBV3	1283624	2297148	33.69%	1.531%
29	7.356	460	461	463	rBV2	1724890	1988158	29.16%	1.325%
30	7.436	467	468	470	rBV2	781625	1048867	15.38%	0.699%
31	7.493	470	473	474	rVB2	1657685	2134852	31.31%	1.423%
32	7.527	474	476	477	rVB2	203104	205741	3.02%	0.137%
33	7.562	477	479	480	rBV2	843968	1028549	15.09%	0.685%
34	7.619	480	484	485	rBV3	2117045	3034074	44.50%	2.022%

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35	7.699	489	491	493	rBV2	666301	1309030	19.20%	0.872%
36	7.745	493	495	498	rBV3	2779005	5114617	75.02%	3.408%
37	7.790	498	499	501	rBV2	1303709	1369957	20.09%	0.913%
38	7.825	501	502	503	rVB	1320619	905284	13.28%	0.603%
39	7.859	503	505	507	rBV3	2369448	4551533	66.76%	3.033%
40	7.916	507	510	511	rBV2	1416825	2248923	32.99%	1.499%
41	7.962	511	514	515	rBV	815909	1473567	21.61%	0.982%
42	7.985	515	516	517	rBV	1152431	1207767	17.72%	0.805%
43	8.030	518	520	524	rVB3	2701225	4364805	64.02%	2.909%
44	8.099	524	526	527	rBV2	2055289	2940591	43.13%	1.960%
45	8.122	527	528	529	rVB	1411938	967883	14.20%	0.645%
46	8.145	529	530	534	rVB3	2684424	3415787	50.10%	2.276%
47	8.213	534	536	537	rBV	585674	771406	11.31%	0.514%
48	8.248	537	539	543	rVB4	1453922	3240747	47.53%	2.160%
49	8.316	543	545	548	rBV2	1655140	2742779	40.23%	1.828%
50	8.385	548	551	552	rBV2	1374690	2052852	30.11%	1.368%
51	8.408	552	553	555	rBV2	1111358	1612580	23.65%	1.075%
52	8.453	555	557	559	rBV3	855021	1443419	21.17%	0.962%
53	8.499	559	561	563	rBV3	802588	1956833	28.70%	1.304%
54	8.556	565	566	568	rVB	2521680	3410657	50.03%	2.273%
55	8.590	568	569	572	rVB3	1920839	2798163	41.04%	1.865%
56	8.659	572	575	576	rBV3	1561072	2080443	30.52%	1.386%
57	8.716	576	580	584	rBV6	2154693	6817695	100.00%	4.543%
58	8.796	586	587	590	rVB3	1555310	1876157	27.52%	1.250%
59	8.853	590	592	594	rBV3	1056856	1569244	23.02%	1.046%
60	8.888	594	595	597	rVB2	1369326	1454618	21.34%	0.969%
61	8.933	597	599	600	rBV	3914877	5266745	77.25%	3.510%
62	9.013	605	606	608	rBV2	1520628	2166332	31.78%	1.444%
63	9.059	608	610	613	rVV4	1266596	2514173	36.88%	1.675%
64	9.139	616	617	618	rVV	1172106	1258546	18.46%	0.839%
65	9.196	618	622	624	rVB4	1689125	3885477	56.99%	2.589%
66	9.288	629	630	633	rVV3	1514048	3057896	44.85%	2.038%
67	9.333	633	634	637	rVV3	1544582	2713977	39.81%	1.809%
68	9.413	637	641	643	rVV4	1387281	3141124	46.07%	2.093%
69	9.459	643	645	646	rVV2	581238	1032218	15.14%	0.688%
70	9.528	649	651	654	rVV2	3194237	5257433	77.11%	3.503%
71	9.585	654	656	657	rVB	1124514	953556	13.99%	0.635%

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72	9.676	661	664	667	rBV2	1361020	3140516	46.06%	2.093%
73	9.825	675	677	678	rVB	512614	614643	9.02%	0.410%
74	9.848	678	679	682	rVV3	920615	1286875	18.88%	0.858%
75	9.893	682	683	685	rVV2	718127	958273	14.06%	0.639%
76	9.985	689	691	692	rVV	3997101	3931870	57.67%	2.620%
77	10.042	695	696	697	rBV	399559	340793	5.00%	0.227%
78	10.145	703	705	708	rBV4	413280	981773	14.40%	0.654%
79	10.225	711	712	713	rBV	436542	510449	7.49%	0.340%
80	10.305	717	719	723	rVB4	629724	1618333	23.74%	1.078%
81	10.373	723	725	727	rVB2	419171	630154	9.24%	0.420%
82	10.408	727	728	730	rBV2	395309	492907	7.23%	0.328%
83	10.442	730	731	735	rVB3	647126	1334319	19.57%	0.889%
84	10.511	735	737	742	rVB2	1163377	1653346	24.25%	1.102%
85	10.591	742	744	745	rBV2	405877	568922	8.34%	0.379%
86	10.613	745	746	749	rVB2	399335	635661	9.32%	0.424%
87	10.682	749	752	754	rVB3	429872	646506	9.48%	0.431%
88	10.819	761	764	765	rBV3	186397	311408	4.57%	0.208%
89	10.911	769	772	775	rVB	913068	1243117	18.23%	0.828%
90	11.059	783	785	787	rVB	774781	657615	9.65%	0.438%
91	11.174	792	795	799	rVB	1469137	1576211	23.12%	1.050%
92	11.505	822	824	828	rVB3	99885	168649	2.47%	0.112%
93	11.608	831	833	834	rBV	191425	174453	2.56%	0.116%
94	11.642	834	836	840	rVB	539346	523710	7.68%	0.349%
95	11.768	844	847	848	rBV	475133	474189	6.96%	0.316%
96	12.042	869	871	873	rVV	186659	186663	2.74%	0.124%
97	13.437	991	993	996	rVB	1209844	1294312	18.98%	0.863%
98	14.488	1081	1085	1090	rBV4	105160	438501	6.43%	0.292%
99	14.694	1100	1103	1105	rBV	332833	474875	6.97%	0.316%
100	16.511	1259	1262	1265	rVB	283955	369210	5.42%	0.246%

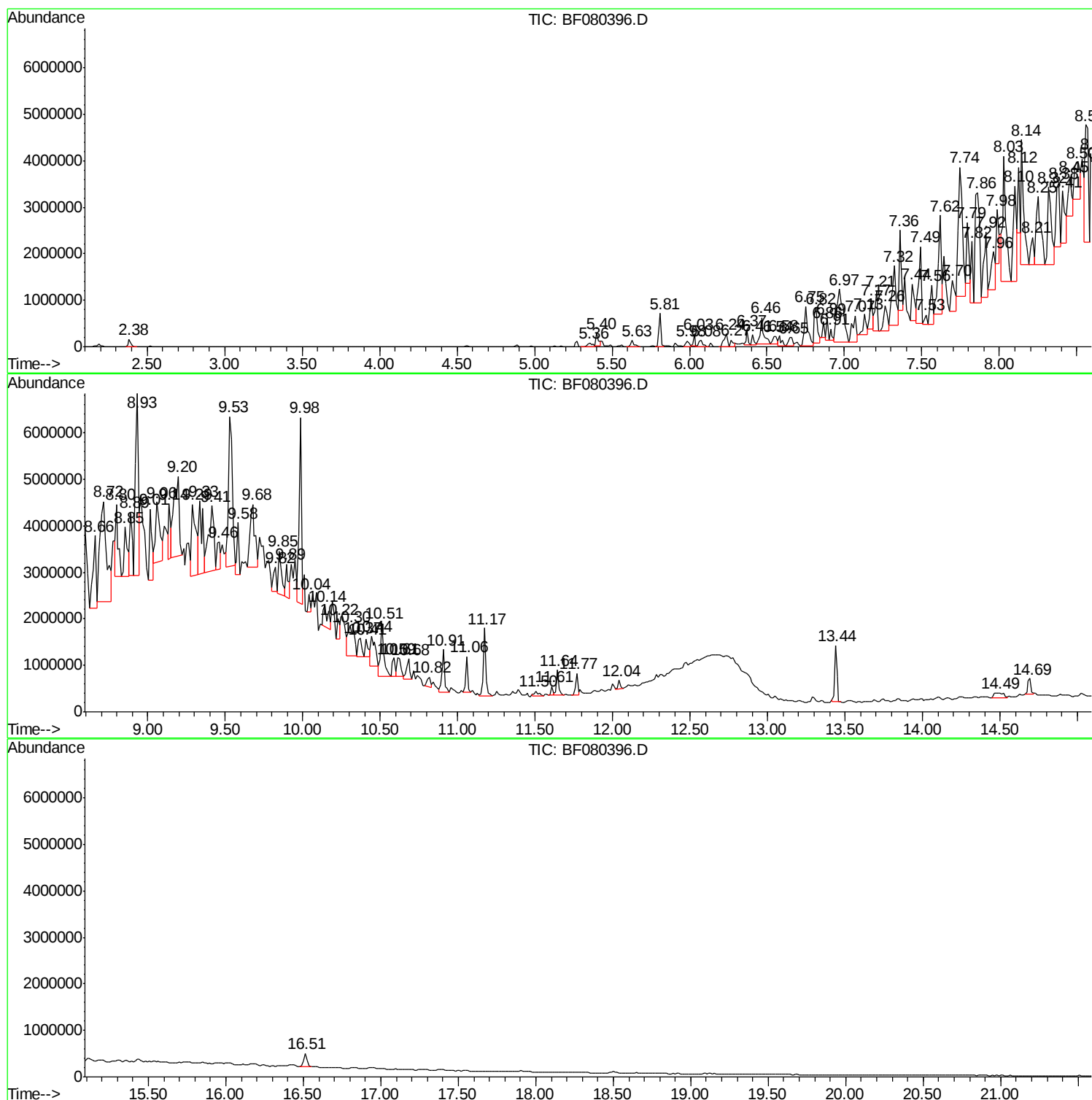
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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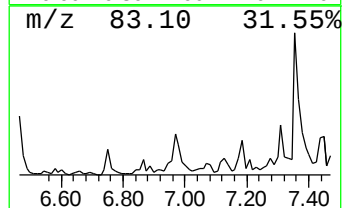
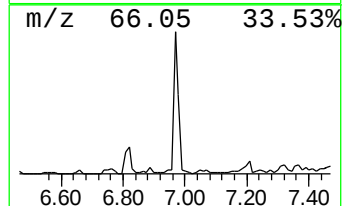
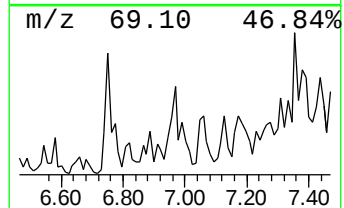
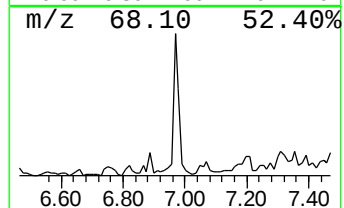
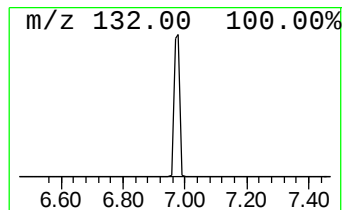
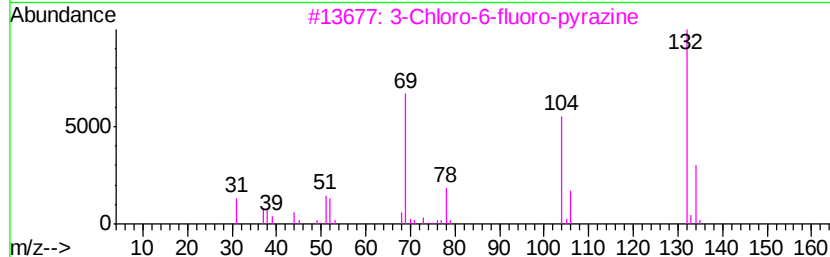
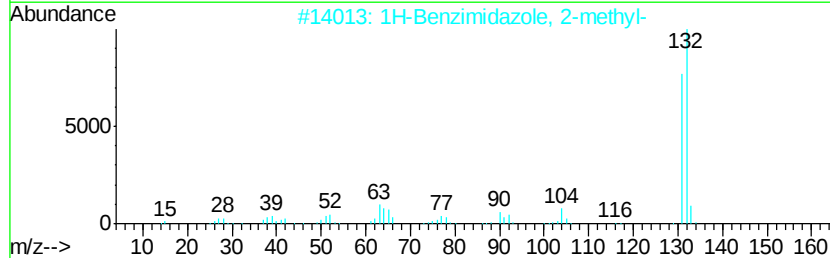
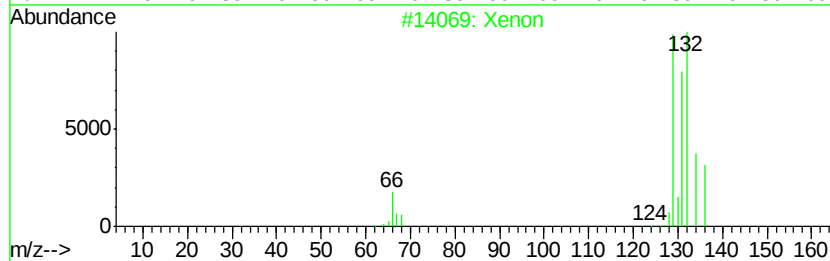
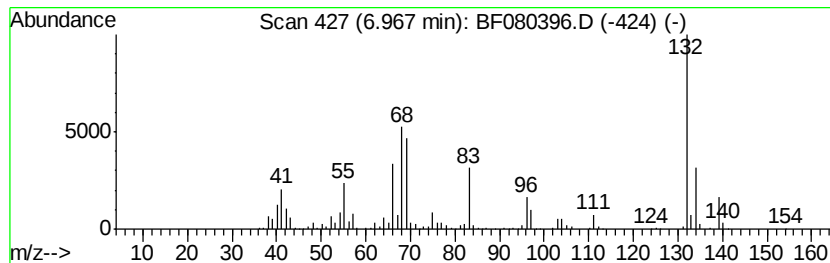
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Xenon Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.97	70.11 ng	3081340	1,4-Dichlorobenzene-d4	7.21

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Xenon		132	Xe	007440-63-3	16
2	1H-Benzimidazole, 2-methyl-		132	C8H8N2	000615-15-6	14
3	3-Chloro-6-fluoro-pyrazine		132	C4H2ClFN2	1000146-10-7	12
4	Methylphosphonothioicchlorofluoride		132	CH3ClFPS	027127-27-1	12
5	5-Fluoro-2-chloropyrimidine		132	C4H2ClFN2	062802-42-0	10



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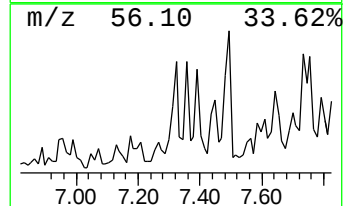
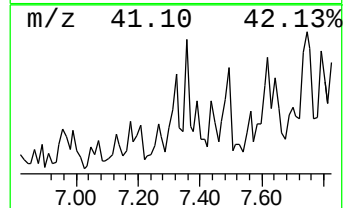
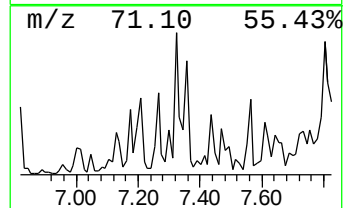
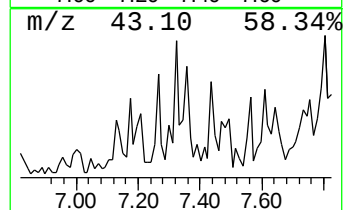
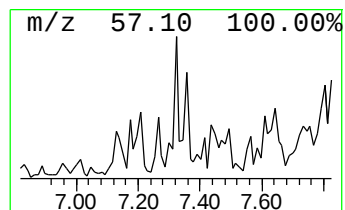
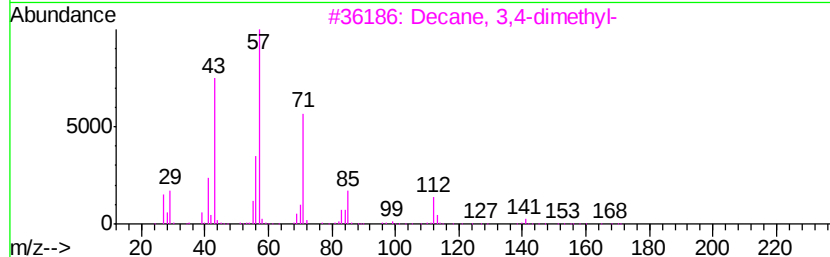
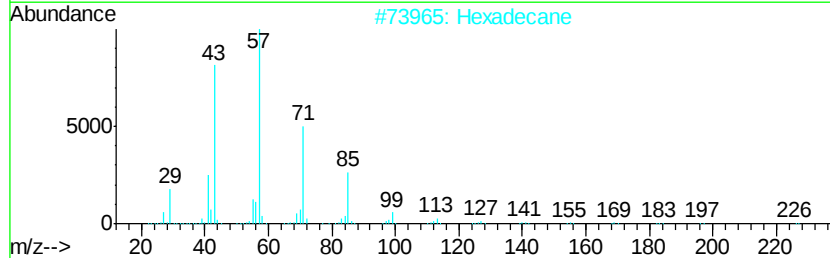
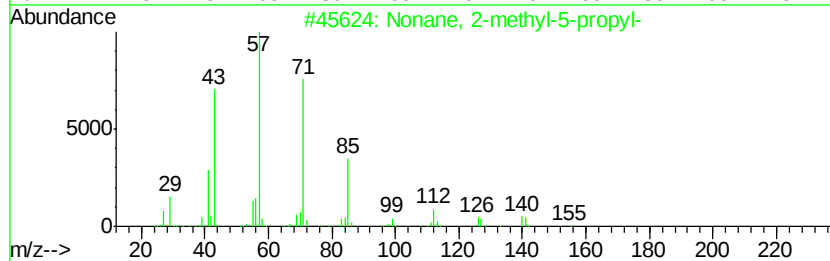
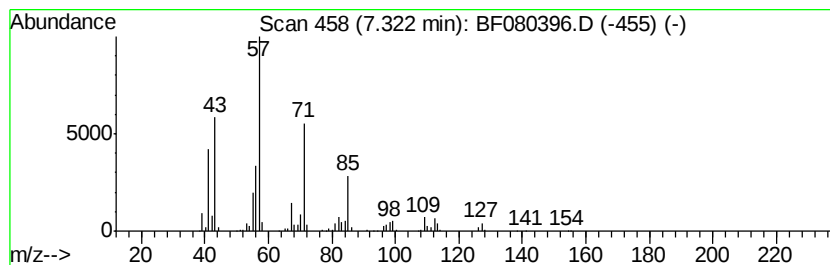
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Peak Number 2 Nonane, 2-methyl-5-propyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.32	52.27 ng	2297150	1,4-Dichlorobenzene-d4	7.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	64
2		Hexadecane	226	C16H34	000544-76-3	59
3		Decane, 3,4-dimethyl-	170	C12H26	017312-45-7	59
4		Nonane, 3-methyl-	142	C10H22	005911-04-6	53
5		Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	53



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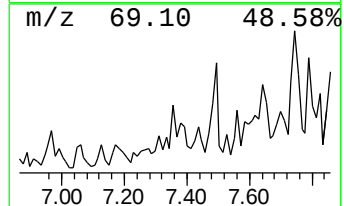
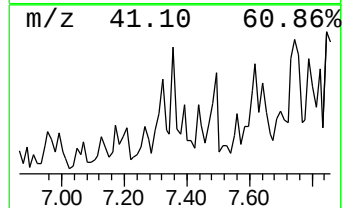
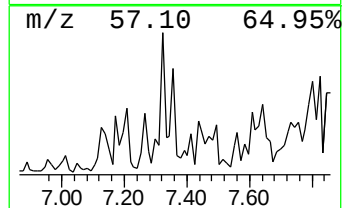
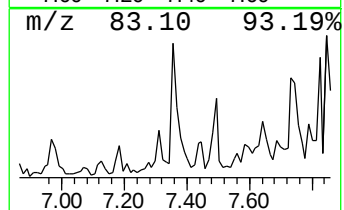
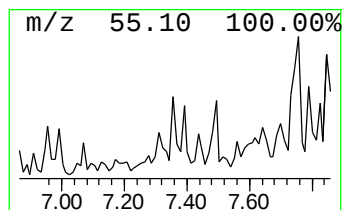
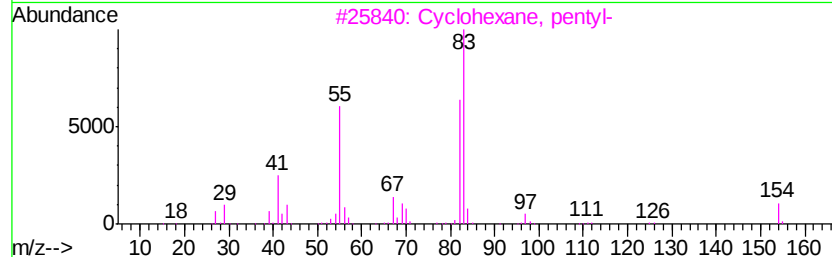
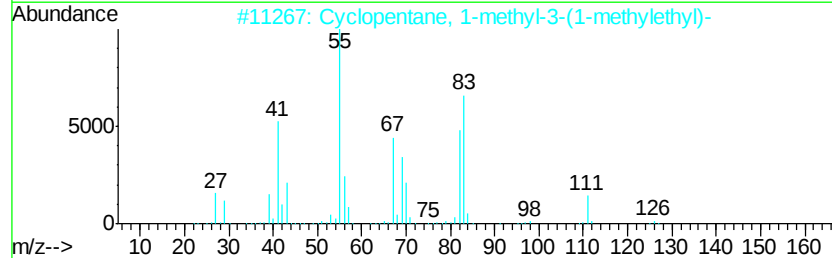
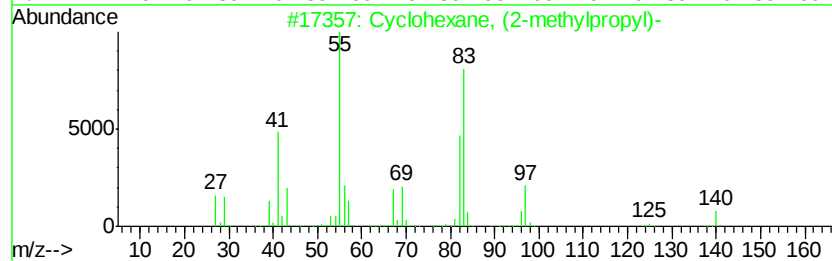
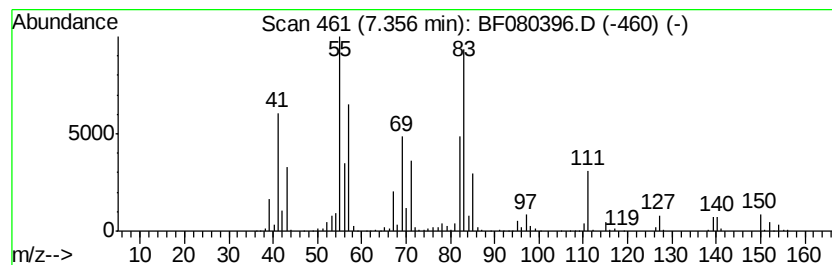
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Peak Number 3 Cyclohexane, (2-methylpropyl)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.36	45.24 ng	1988160	1,4-Dichlorobenzene-d4	7.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	58
2		Cyclopentane, 1-methyl-3-(1-meth...	126	C9H18	053771-88-3	58
3		Cyclohexane, pentyl-	154	C11H22	004292-92-6	52
4		Cyclohexane, butyl-	140	C10H20	001678-93-9	50
5		Cyclohexane, propyl-	126	C9H18	001678-92-8	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070815\
Data File : BF080396.D
Acq On : 8 Jul 2015 19:20
Operator : TP/UM
Sample : G2866-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-02-6.5-7.0-070115

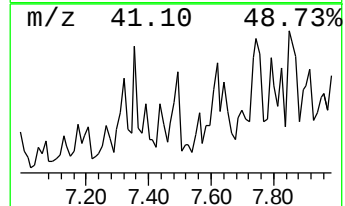
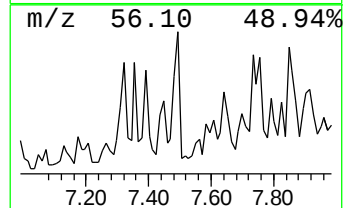
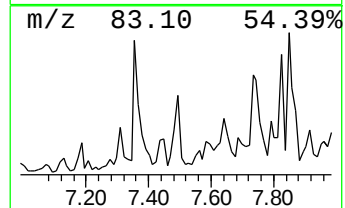
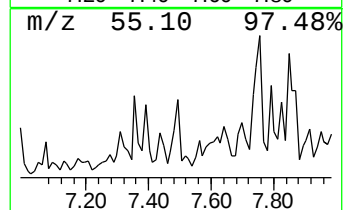
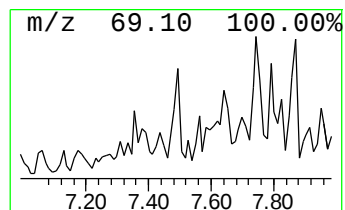
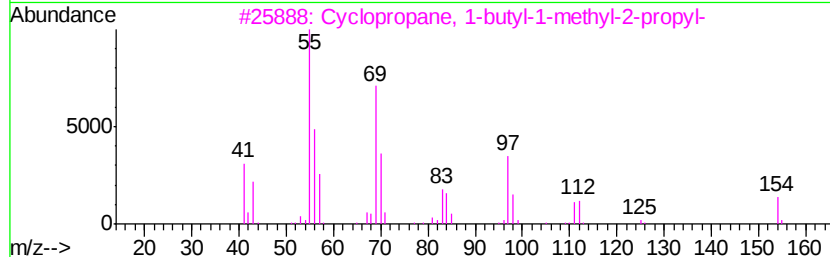
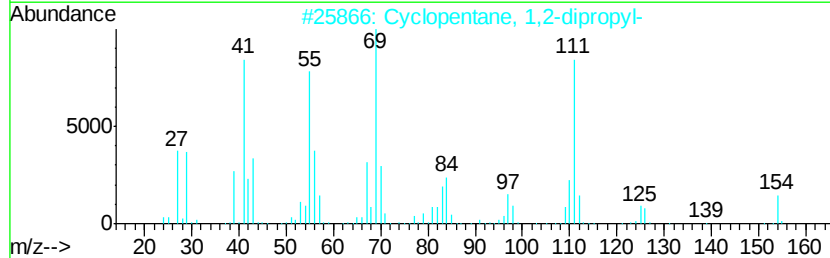
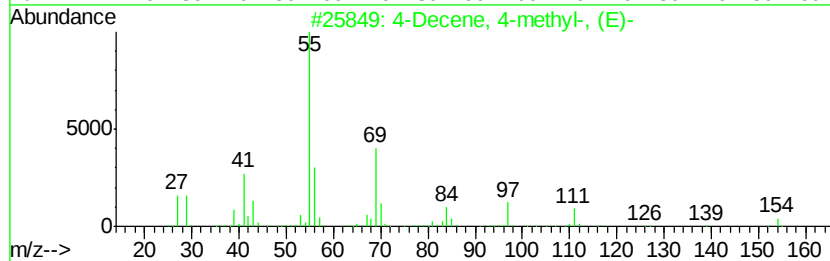
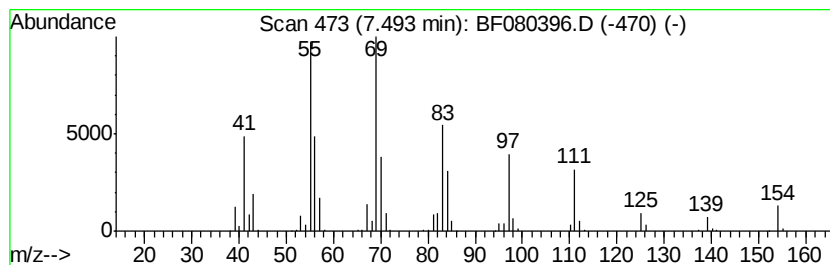
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 4-Decene, 4-methyl-, (E)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.49	48.58 ng	2134850	1,4-Dichlorobenzene-d4	7.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Decene, 4-methyl-, (E)-	154	C11H22	060366-66-7	58
2		Cyclopentane, 1,2-dipropyl-	154	C11H22	091242-57-8	52
3		Cyclopropane, 1-butyl-1-methyl-2...	154	C11H22	041977-34-8	49
4		Nonane, 2-methyl-3-methylene-	154	C11H22	055499-08-6	46
5		2-Decene, 4-methyl-, (Z)-	154	C11H22	074630-30-1	46



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070815\
Data File : BF080396.D
Acq On : 8 Jul 2015 19:20
Operator : TP/UM
Sample : G2866-08
Misc :
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ClientSampleId :
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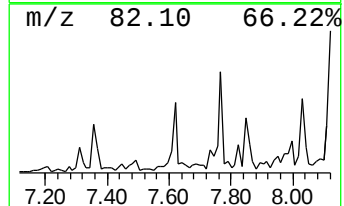
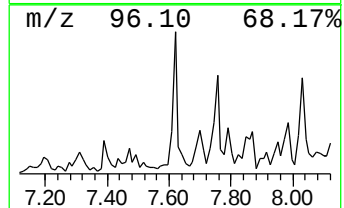
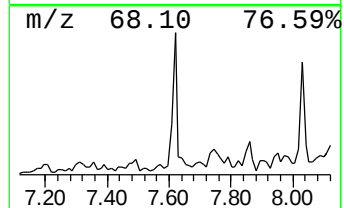
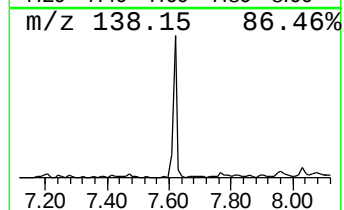
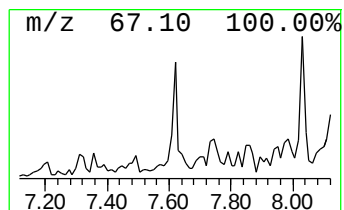
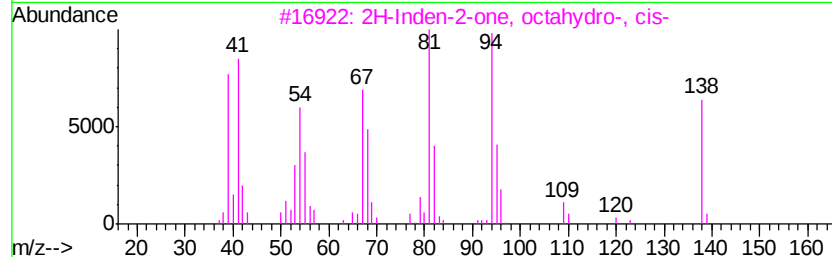
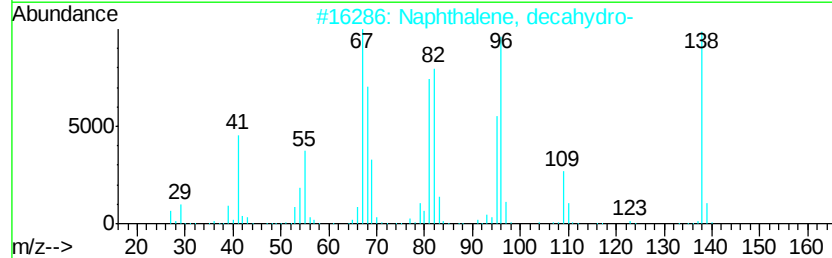
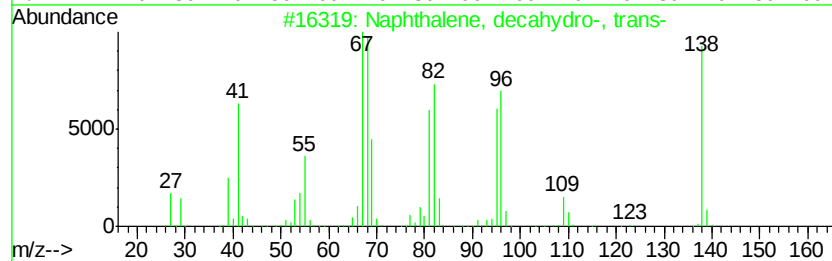
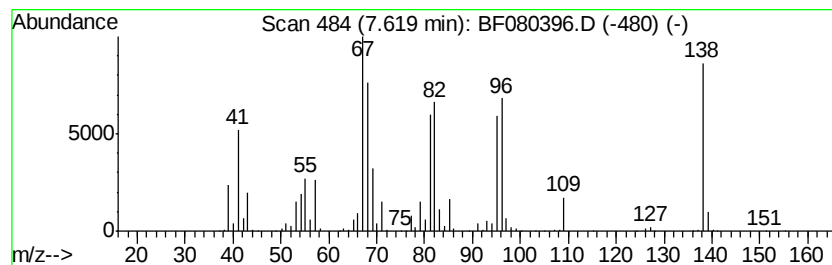
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, decahydro-, tr... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.62	69.04 ng	3034070	1,4-Dichlorobenzene-d4	7.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	98
2		Naphthalene, decahydro-	138	C10H18	000091-17-8	94
3		2H-Inden-2-one, octahydro-, cis-	138	C9H14O	005689-04-3	86
4		Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	76
5		2-Cyclohexen-1-one, 4-(1-methyle...	138	C9H14O	000500-02-7	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070815\
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Acq On : 8 Jul 2015 19:20
Operator : TP/UM
Sample : G2866-08
Misc :
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Instrument :
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ClientSampleId :
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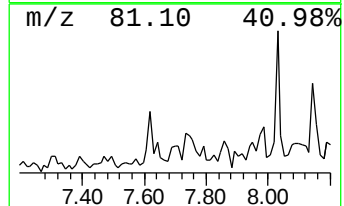
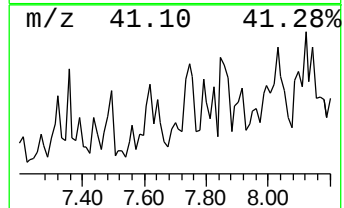
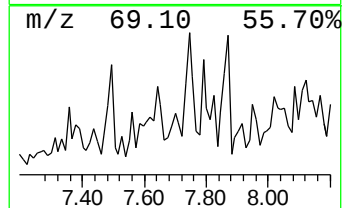
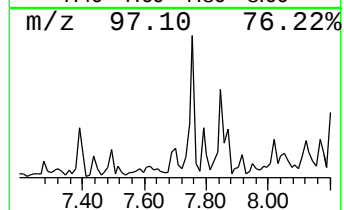
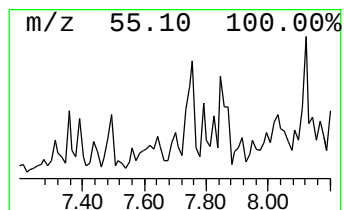
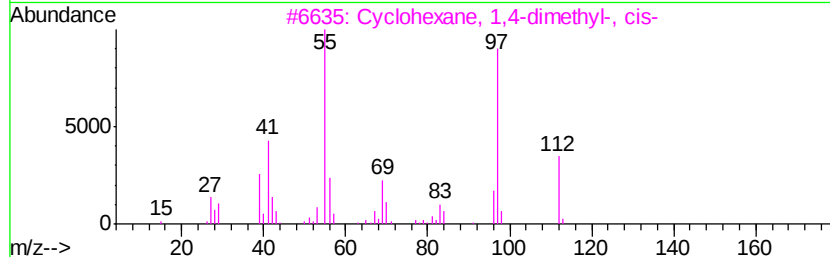
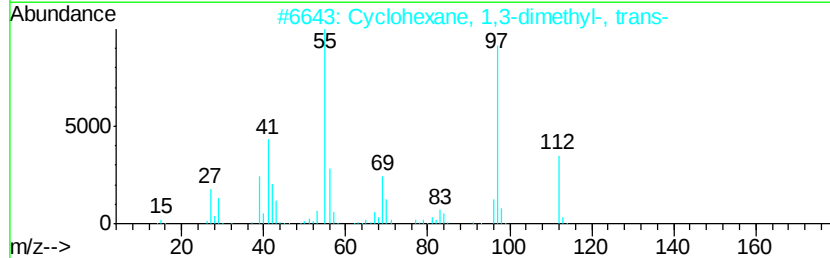
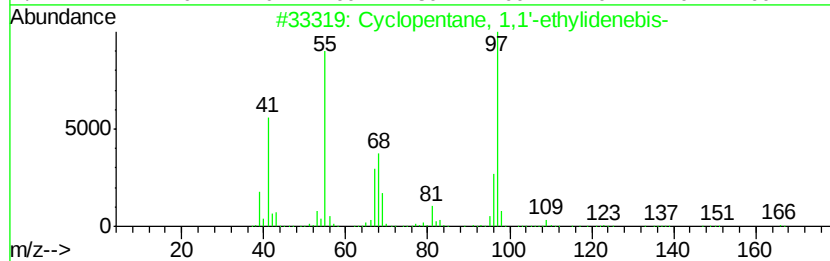
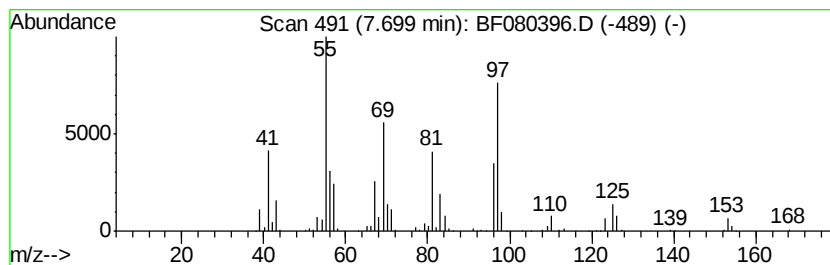
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Cyclopentane, 1,1'-ethylide... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.70	29.79 ng	1309030	1,4-Dichlorobenzene-d4	7.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1,1'-ethylidenebis-	166	C12H22	004413-21-2	64
2		Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	59
3		Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	59
4		Cyclopentane, 1-hydroxymethyl-1,...	128	C8H16O	1000156-73-8	53
5		Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070815\
Data File : BF080396.D
Acq On : 8 Jul 2015 19:20
Operator : TP/UM
Sample : G2866-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

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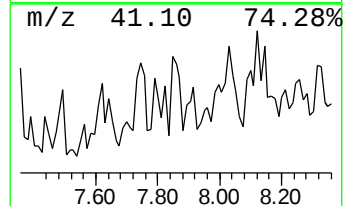
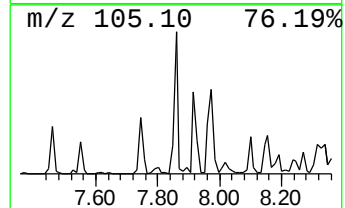
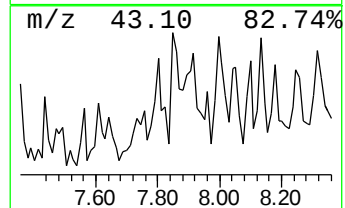
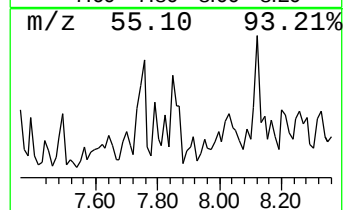
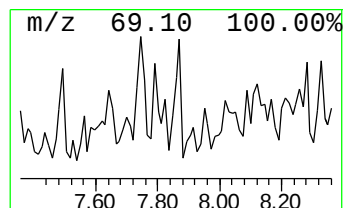
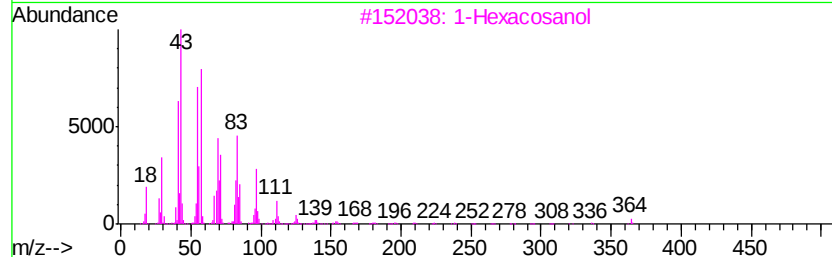
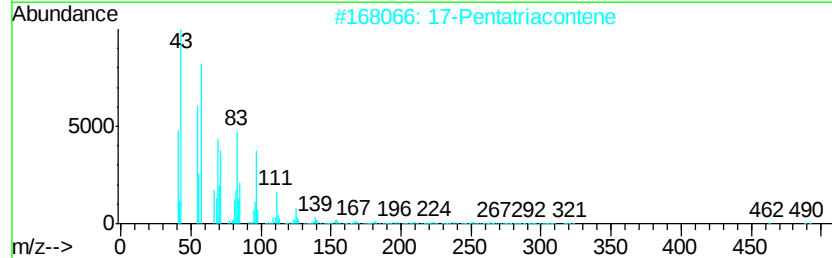
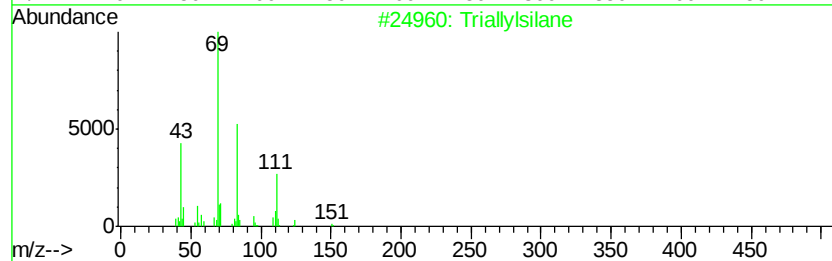
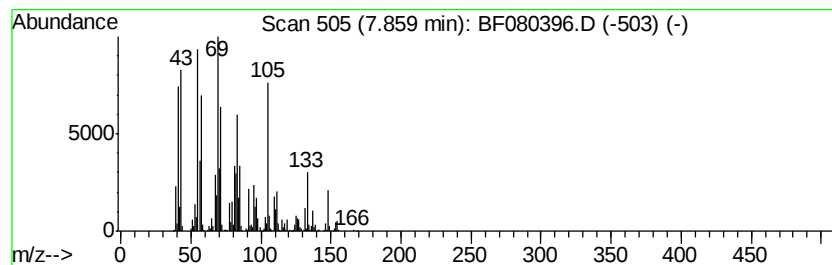
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown7.86 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.86	46.52 ng	4551530	Naphthalene-d8	8.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Triallylsilane	152	C9H16Si	001116-62-7	46
2		17-Pentatriacontene	491	C35H70	006971-40-0	38
3		1-Hexacosanol	382	C26H54O	000506-52-5	38
4		Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	000547-60-4	38
5		Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070815\
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Sample : G2866-08
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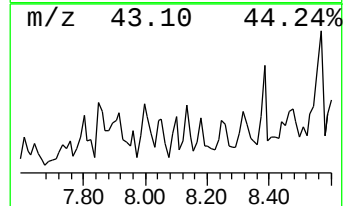
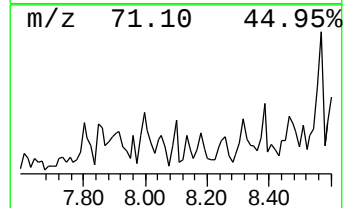
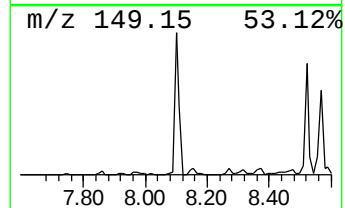
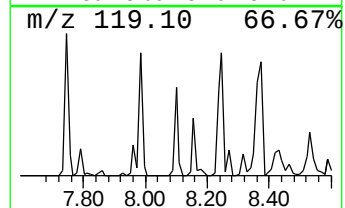
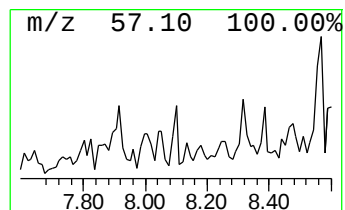
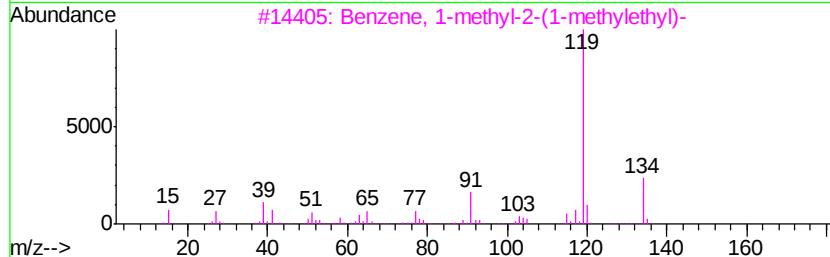
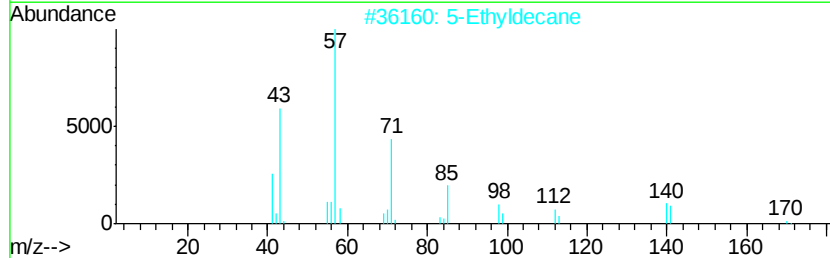
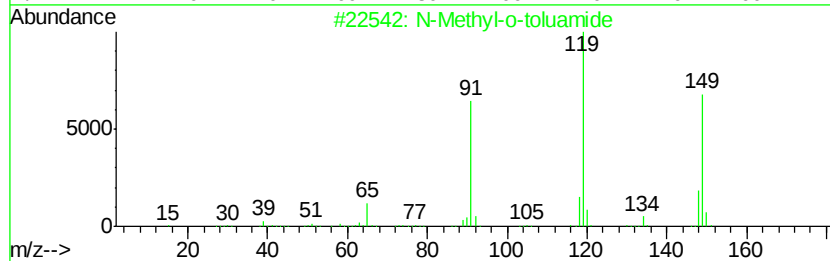
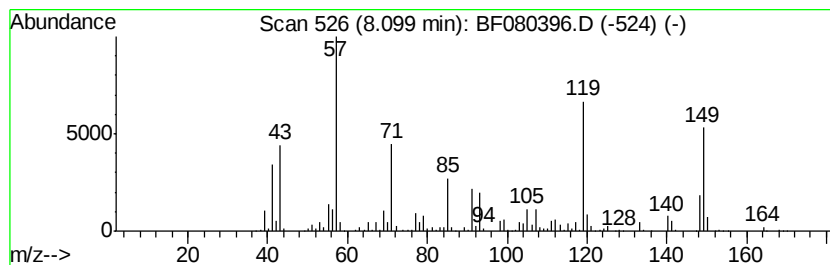
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown8.10 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.10	30.05 ng	2940590	Naphthalene-d8	8.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	N-Methyl-o-toluamide	149	C9H11NO	002170-09-4	35
2		5-Ethyldecane	170	C12H26	017302-36-2	27
3		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	25
4		Pentadecane, 6-methyl-	226	C16H34	010105-38-1	22
5		Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070815\
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Misc :
ALS Vial : 13 Sample Multiplier: 1

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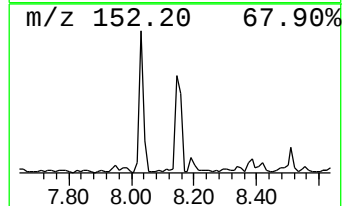
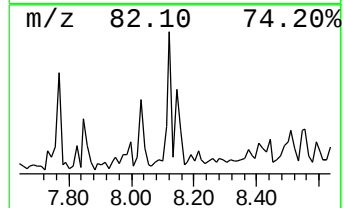
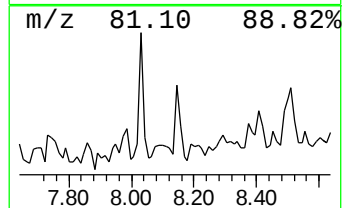
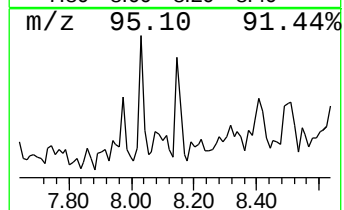
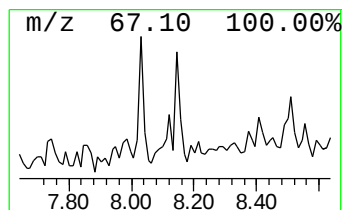
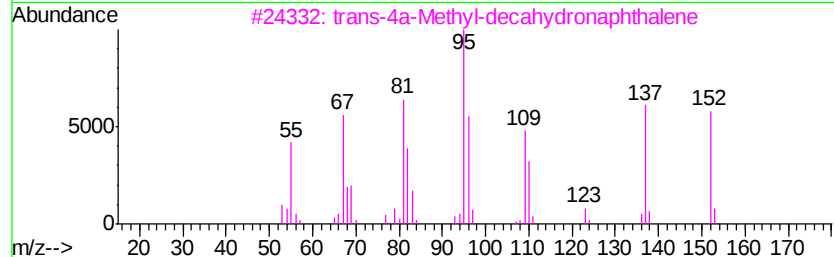
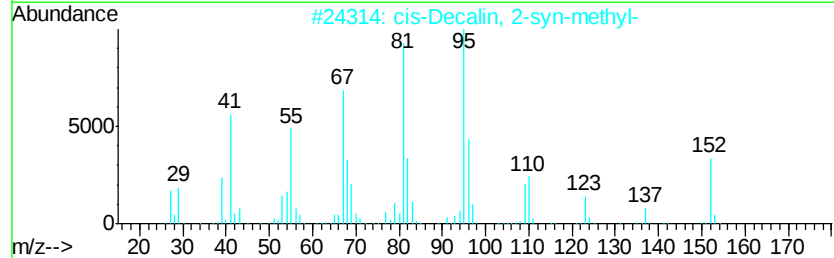
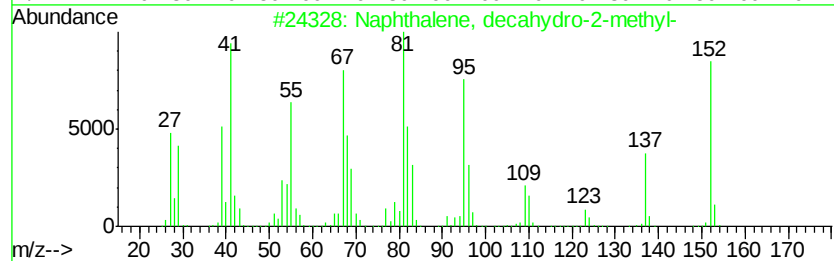
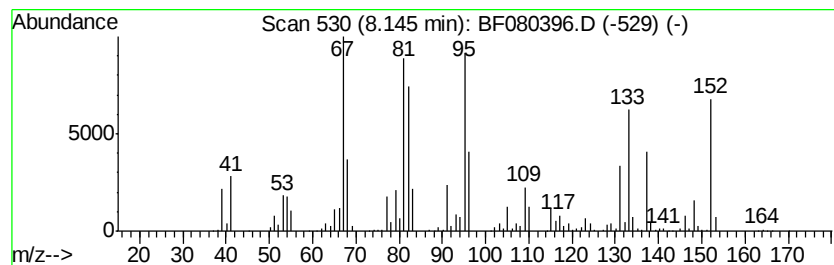
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, decahydro-2-me... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.14	34.91 ng	3415790	Naphthalene-d8	8.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	70
2		cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	58
3		trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	53
4		Cyclohexene, 3-methyl-6-(1-methy...	138	C10H18	005256-65-5	50
5		trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070815\
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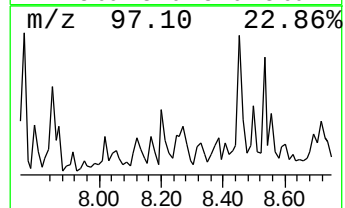
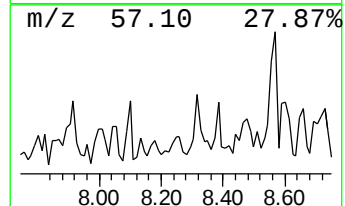
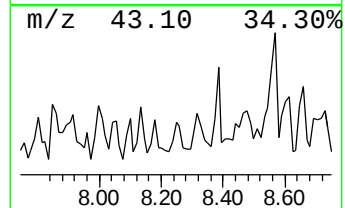
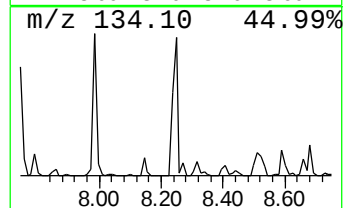
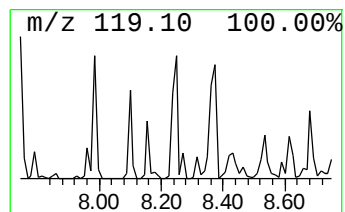
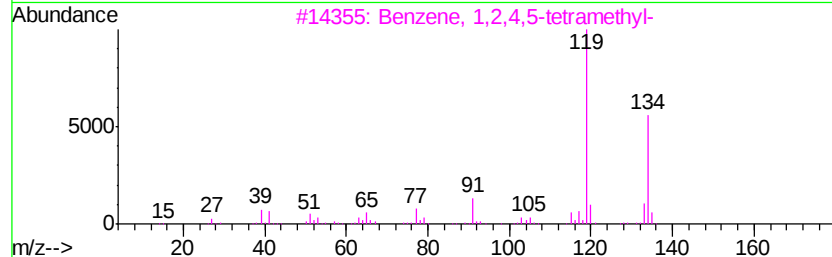
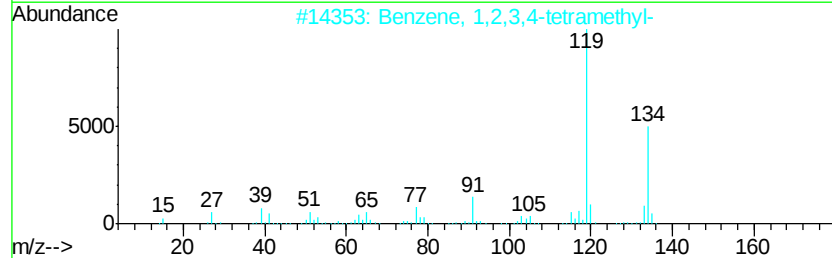
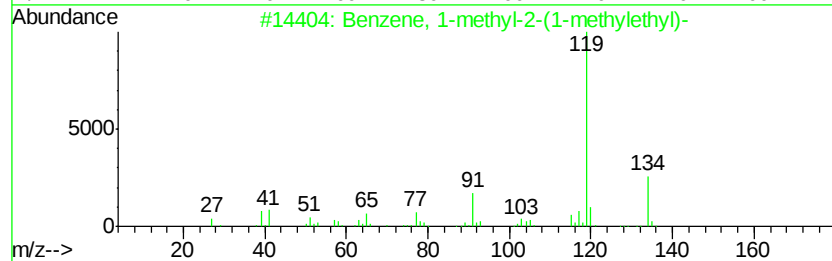
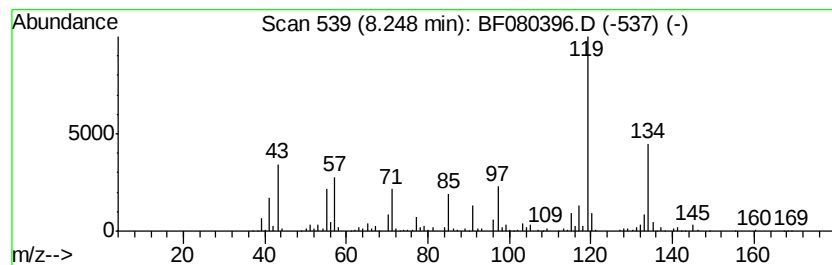
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzene, 1-methyl-2-(1-meth... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.25	33.12 ng	3240750	Napthalene-d8	8.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	94
2		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	93
3		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
4		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	92
5		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	92



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070815\
Data File : BF080396.D
Acq On : 8 Jul 2015 19:20
Operator : TP/UM
Sample : G2866-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-02-6.5-7.0-070115

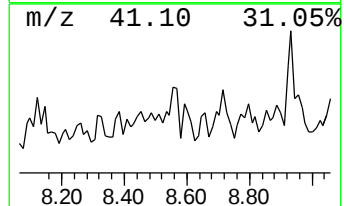
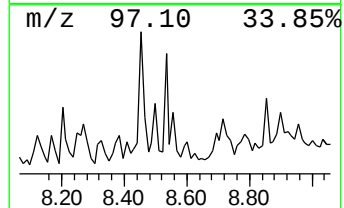
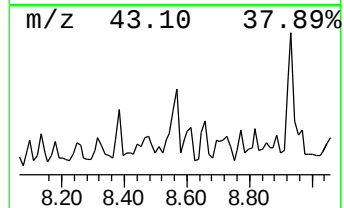
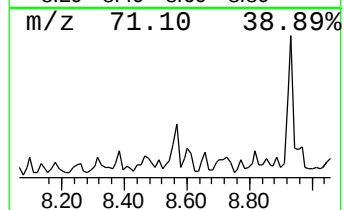
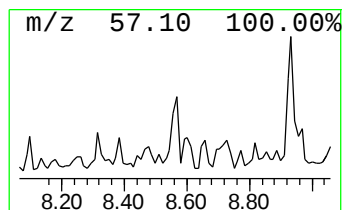
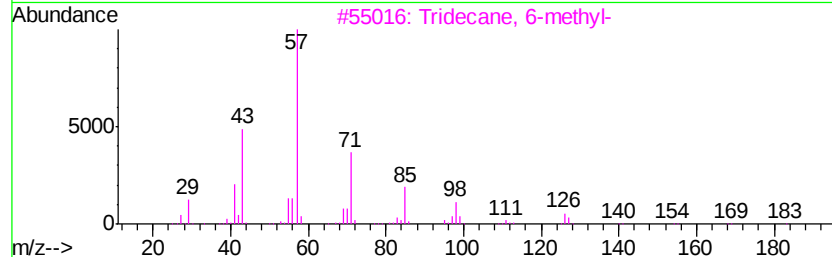
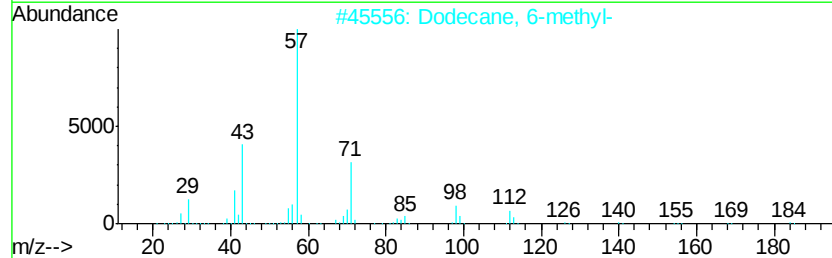
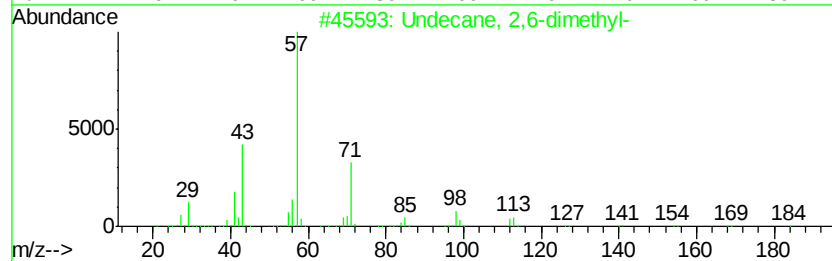
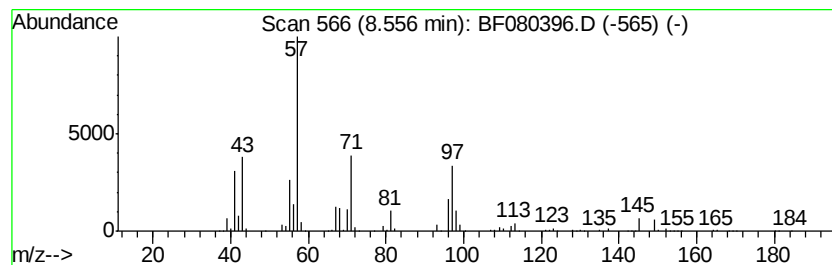
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown8.56 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.56	34.86 ng	3410660	Napthalene-d8	8.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	49
2		Dodecane, 6-methyl-	184	C13H28	006044-71-9	47
3		Tridecane, 6-methyl-	198	C14H30	013287-21-3	47
4		Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	47
5		Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070815\
Data File : BF080396.D
Acq On : 8 Jul 2015 19:20
Operator : TP/UM
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Misc :
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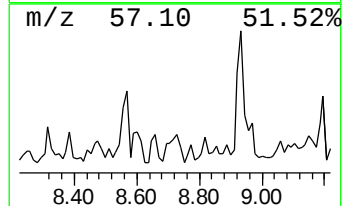
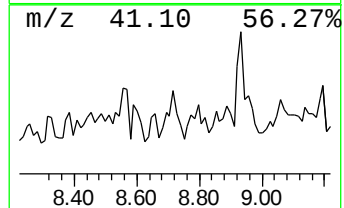
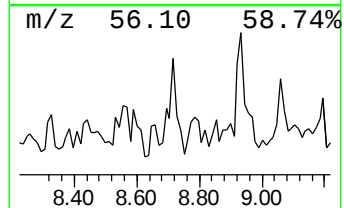
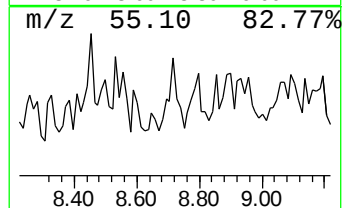
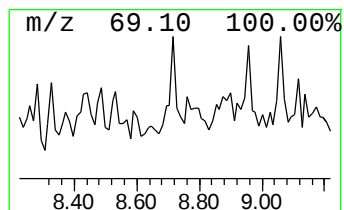
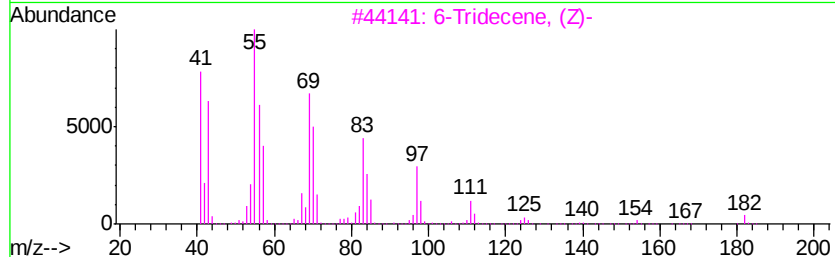
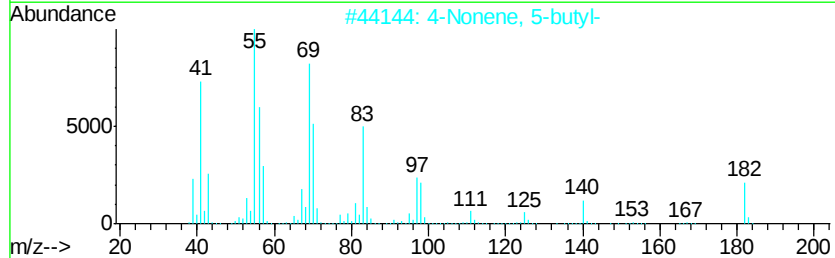
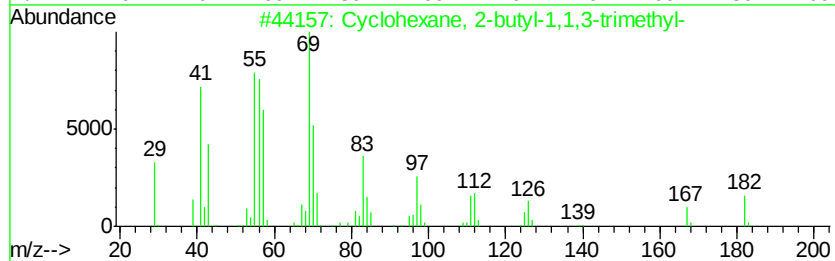
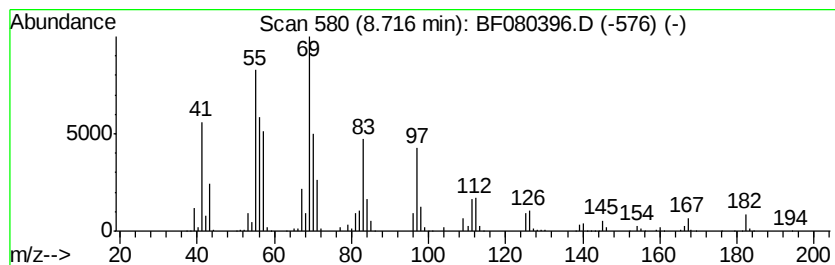
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Cyclohexane, 2-butyl-1,1,3-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.72	69.68 ng	6817700	Napthalene-d8	8.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	94
2		4-Nonene, 5-butyl-	182	C13H26	007367-38-6	74
3		6-Tridecene, (Z)-	182	C13H26	006508-77-6	64
4		Cyclopentane, 1-pentyl-2-propyl-	182	C13H26	062199-51-3	62
5		Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	62



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070815\
Data File : BF080396.D
Acq On : 8 Jul 2015 19:20
Operator : TP/UM
Sample : G2866-08
Misc :
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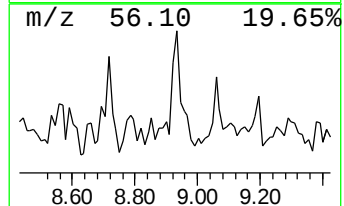
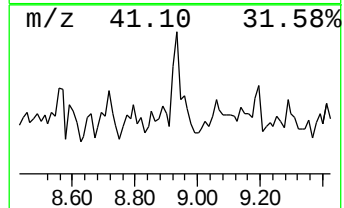
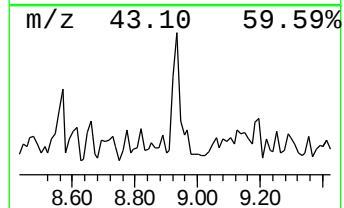
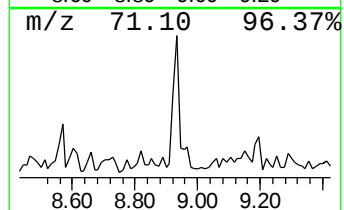
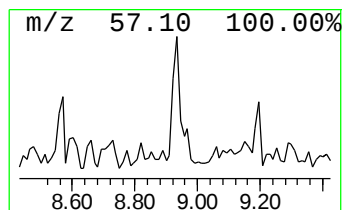
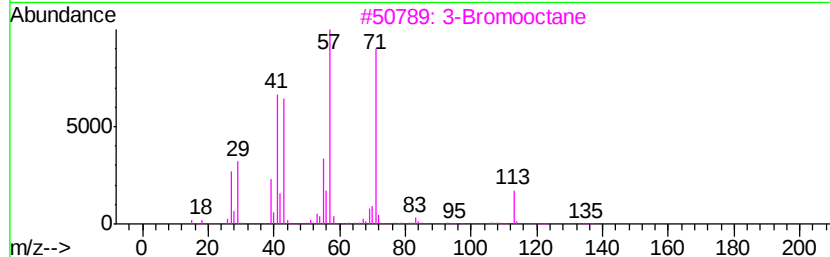
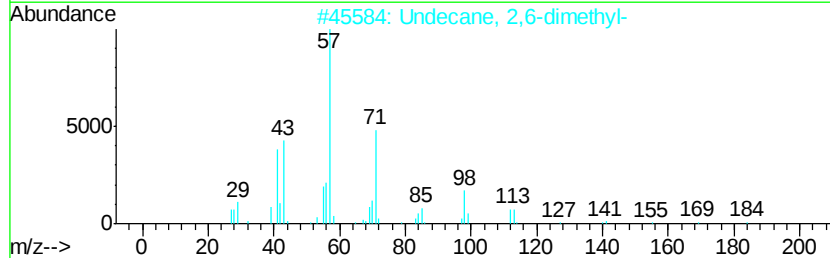
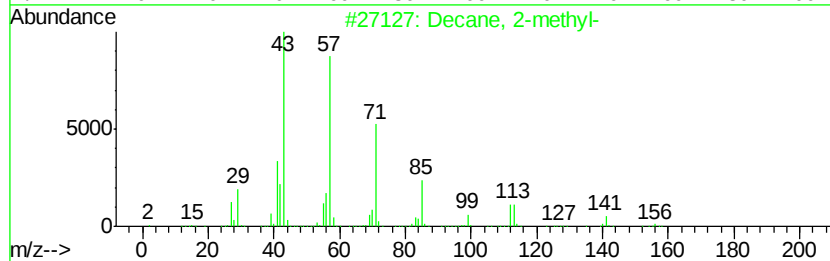
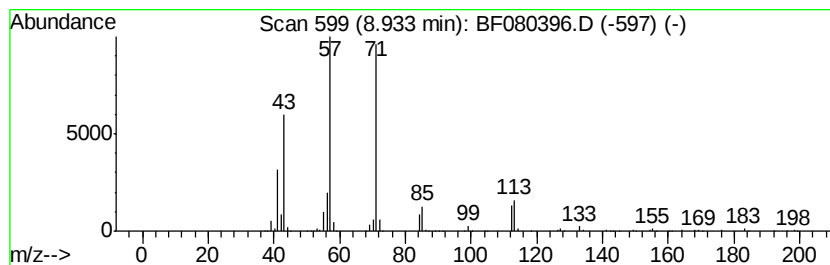
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Decane, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.93	53.83 ng	5266750	Napthalene-d8	8.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2-methyl-	156	C11H24	006975-98-0	78
2		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	78
3		3-Bromooctane	192	C8H17Br	000999-64-4	72
4		Decane, 5,6-dipropyl-	226	C16H34	119209-20-0	72
5		Heptane, 5-ethyl-2-methyl-	142	C10H22	013475-78-0	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070815\
Data File : BF080396.D
Acq On : 8 Jul 2015 19:20
Operator : TP/UM
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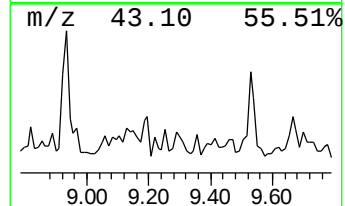
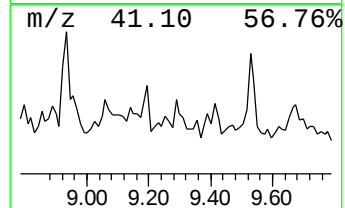
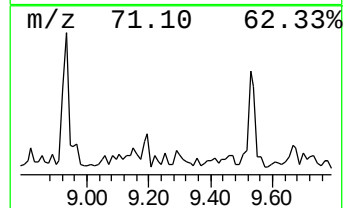
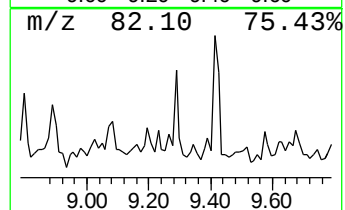
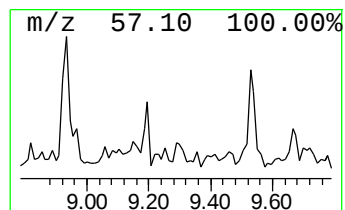
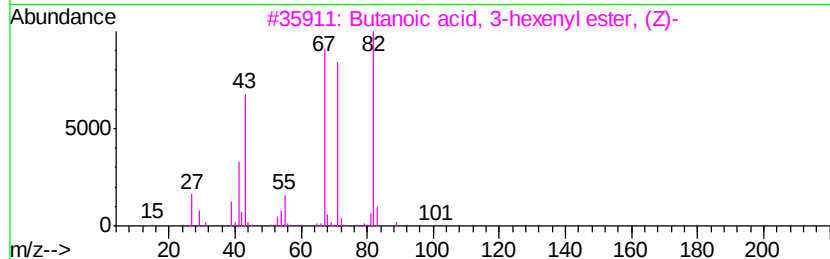
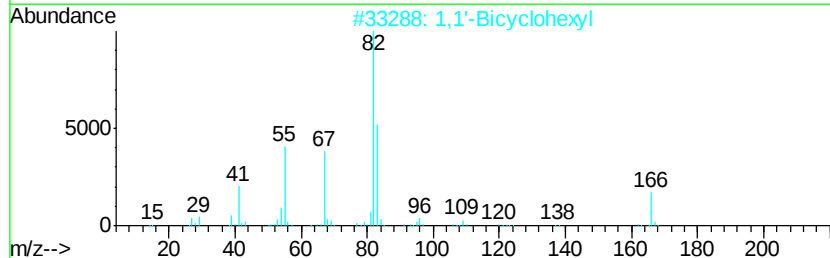
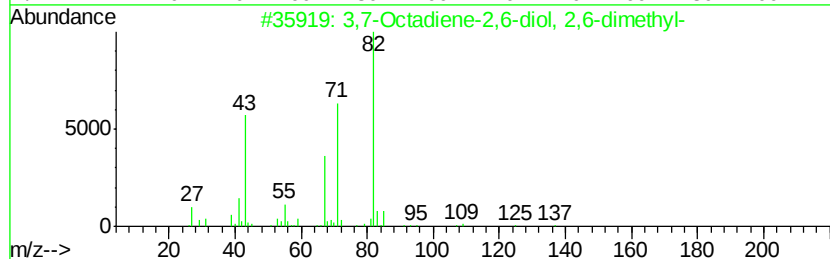
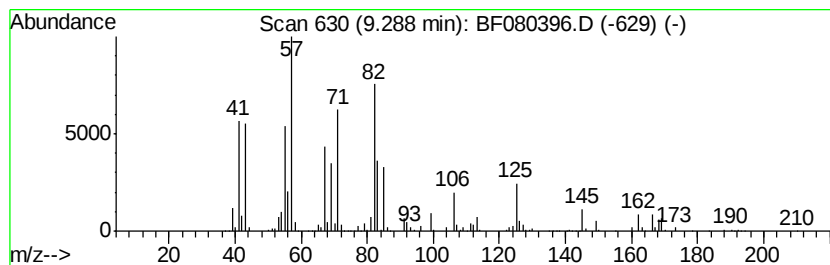
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown9.29 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.29	31.25 ng	3057900	Napthalene-d8	8.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,7-Octadiene-2,6-diol, 2,6-dime...	170	C10H18O2	013741-21-4	47
2		1,1'-Bicyclohexyl	166	C12H22	000092-51-3	43
3		Butanoic acid, 3-hexenyl ester, ...	170	C10H18O2	016491-36-4	43
4		1,5,7-Octatrien-3-ol, 3,7-dimethyl-	152	C10H16O	029957-43-5	35
5		n-Valeric acid cis-3-hexenyl ester	184	C11H20O2	035852-46-1	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070815\
Data File : BF080396.D
Acq On : 8 Jul 2015 19:20
Operator : TP/UM
Sample : G2866-08
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ALS Vial : 13 Sample Multiplier: 1

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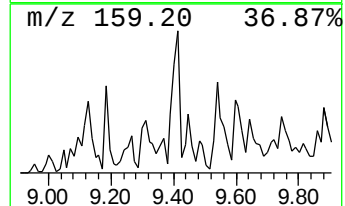
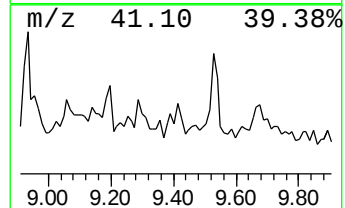
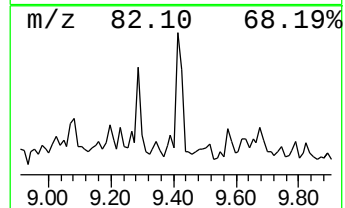
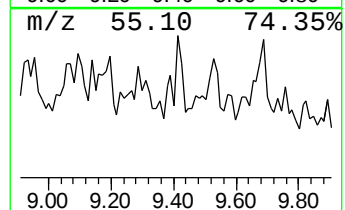
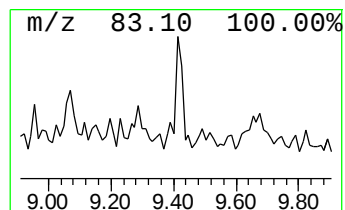
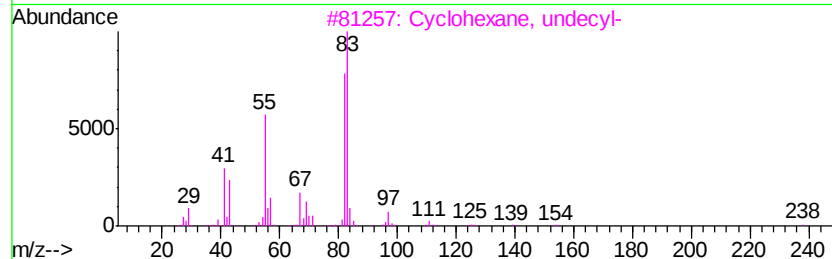
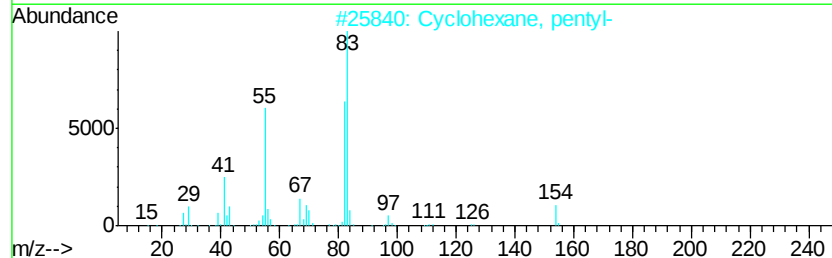
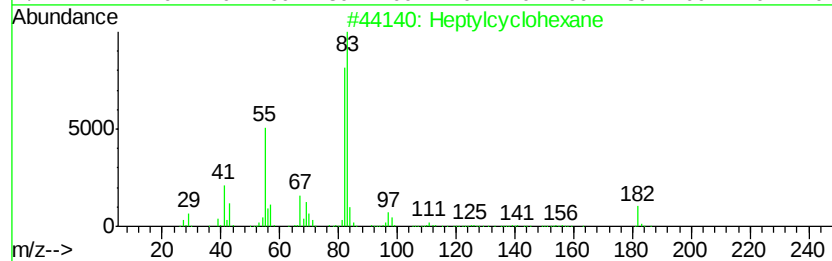
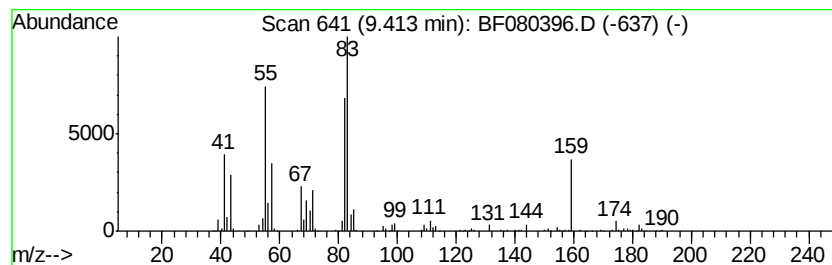
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Heptylcyclohexane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.41	38.82 ng	3141120	Acenaphthene-d10	10.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptylcyclohexane	182	C13H26	005617-41-4	76
2		Cyclohexane, pentyl-	154	C11H22	004292-92-6	70
3		Cyclohexane, undecyl-	238	C17H34	054105-66-7	64
4		n-Amylcyclohexane	154	C11H22	029949-27-7	62
5		Cyclohexane, tetradecyl-	280	C20H40	001795-18-2	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070815\
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ClientSampleId :
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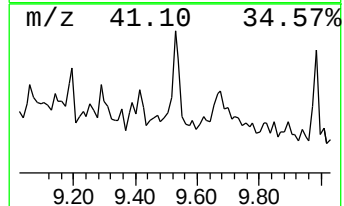
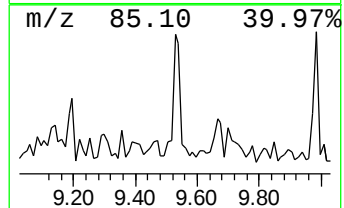
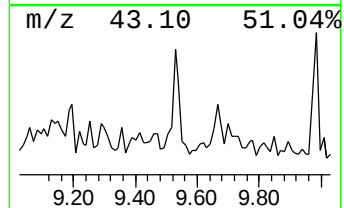
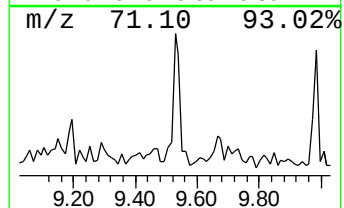
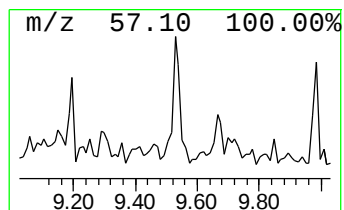
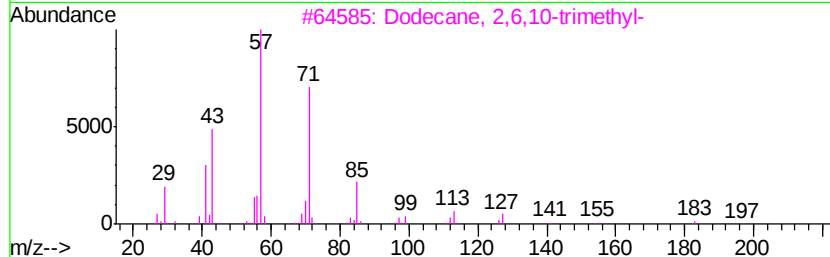
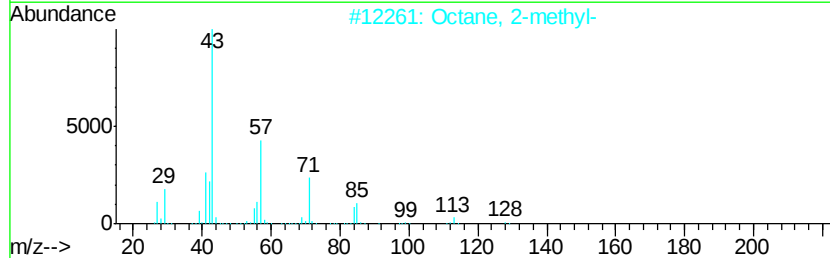
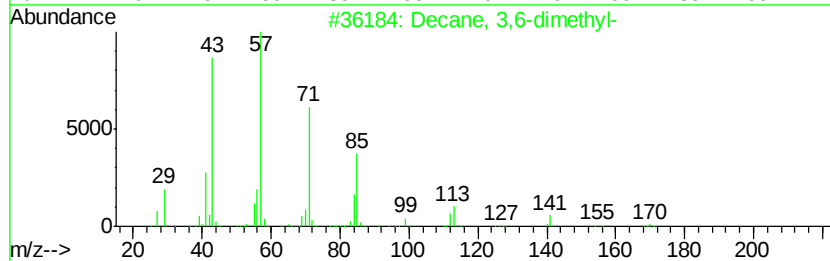
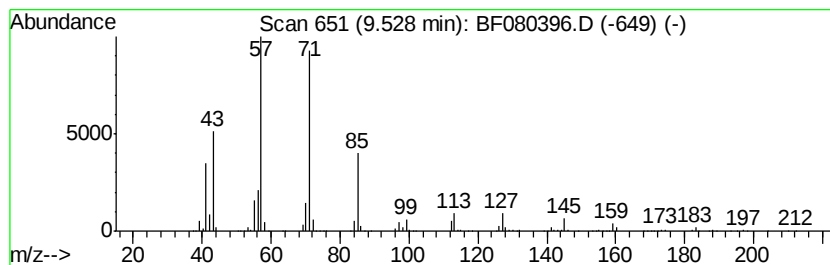
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Decane, 3,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.53	64.97 ng	5257430	Acenaphthene-d10	10.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	90
2		Octane, 2-methyl-	128	C9H20	003221-61-2	87
3		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
4		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
5		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	64



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ClientSampleId :
SB-02-6.5-7.0-070115

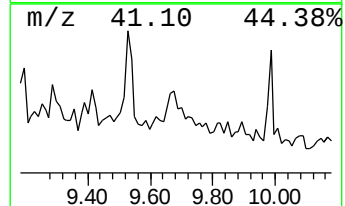
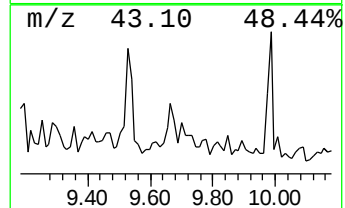
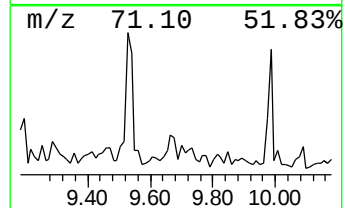
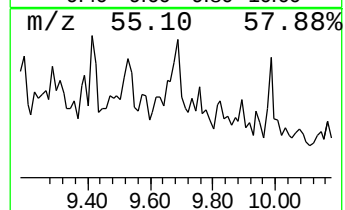
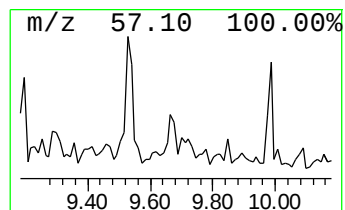
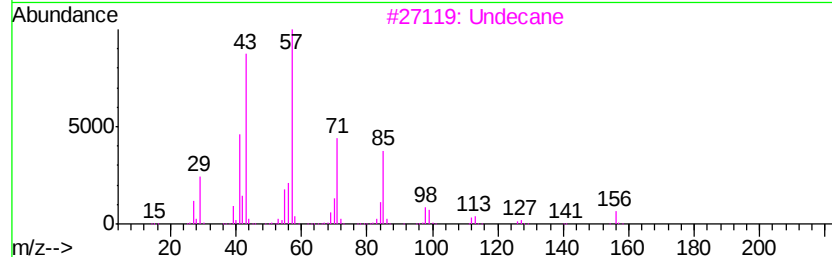
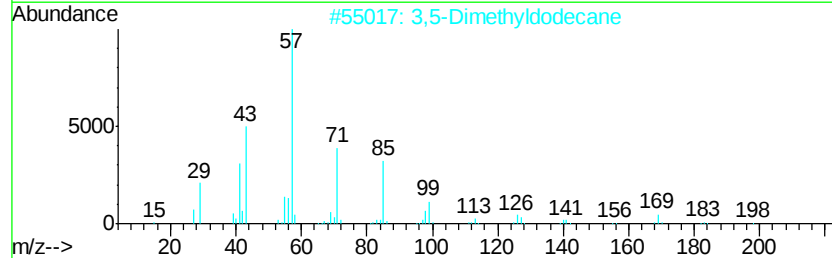
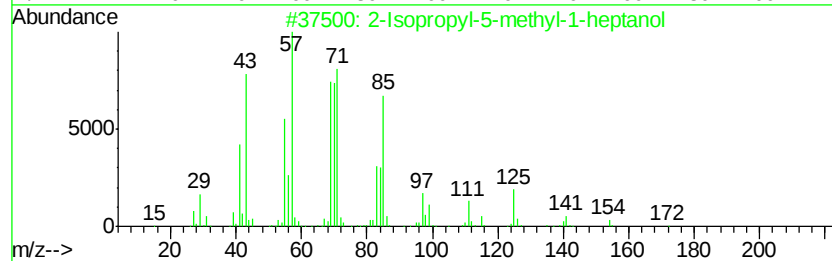
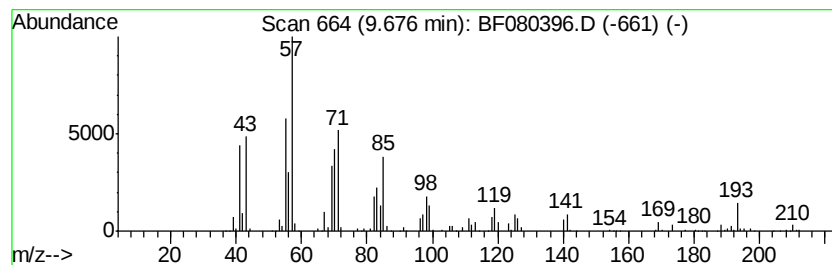
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 2-Isopropyl-5-methyl-1-hept... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.68	38.81 ng	3140520	Acenaphthene-d10	10.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Isopropyl-5-methyl-1-heptanol	172	C11H24O	091337-07-4	59
2		3,5-Dimethyldodecane	198	C14H30	107770-99-0	50
3		Undecane	156	C11H24	001120-21-4	43
4		10-Methylnonadecane	282	C20H42	056862-62-5	43
5		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070815\
Data File : BF080396.D
Acq On : 8 Jul 2015 19:20
Operator : TP/UM
Sample : G2866-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-02-6.5-7.0-070115

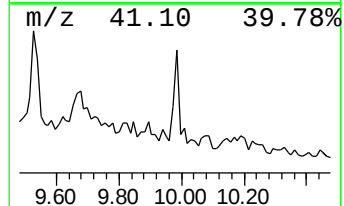
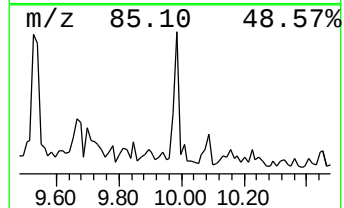
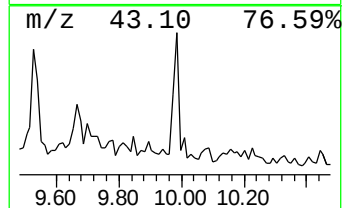
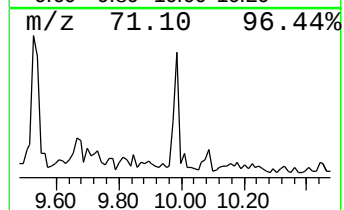
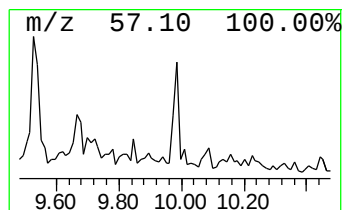
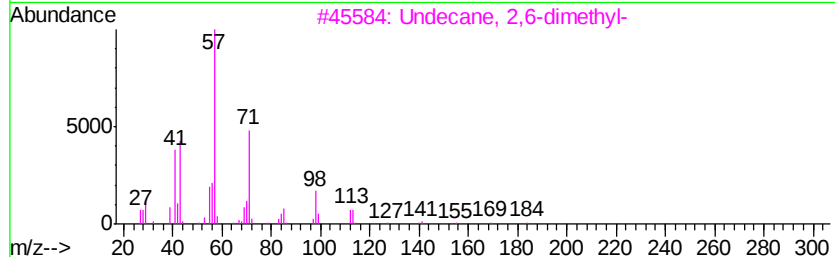
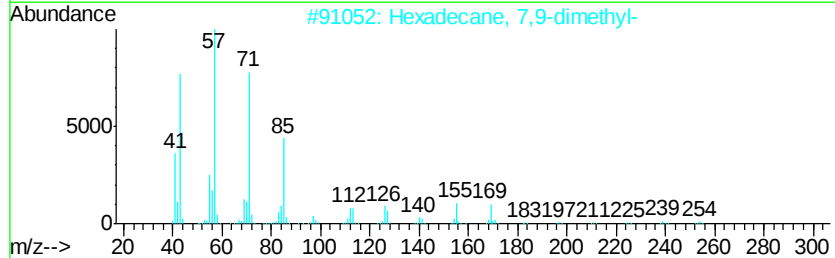
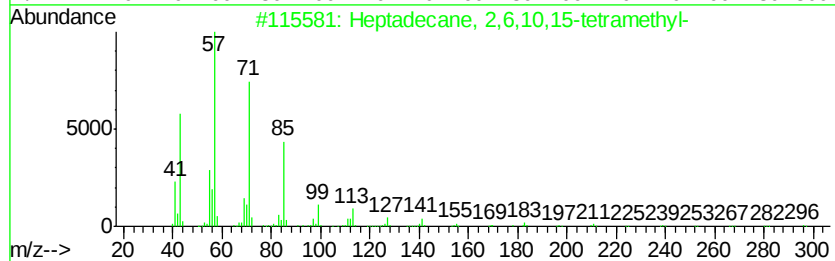
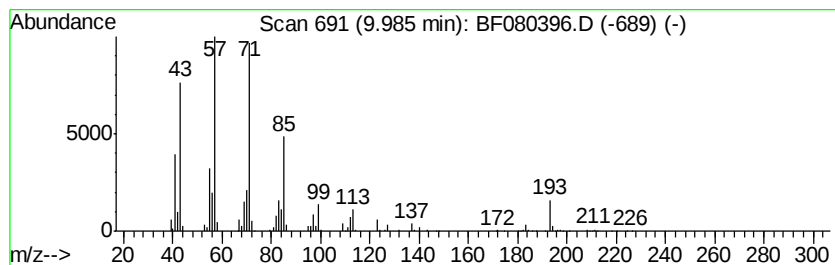
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Heptadecane, 2,6,10,15-tetr... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.98	48.59 ng	3931870	Acenaphthene-d10	10.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
2		Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	72
3		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	72
4		Decane, 5-propyl-	184	C13H28	017312-62-8	68
5		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	68



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070815\
Data File : BF080396.D
Acq On : 8 Jul 2015 19:20
Operator : TP/UM
Sample : G2866-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-02-6.5-7.0-070115

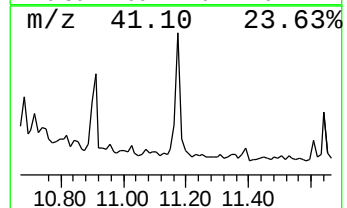
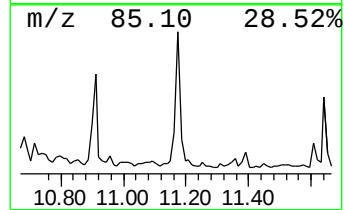
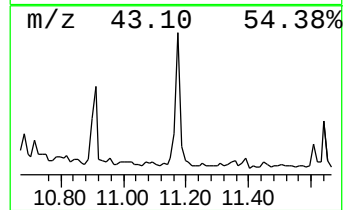
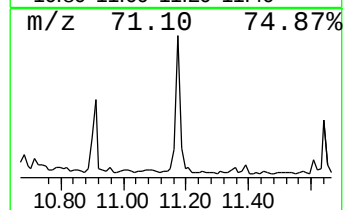
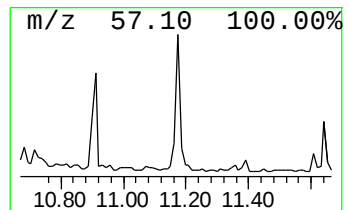
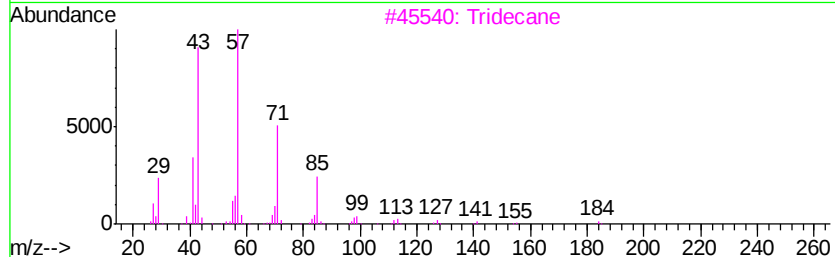
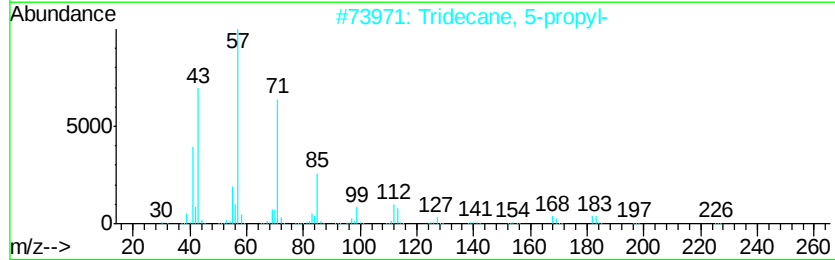
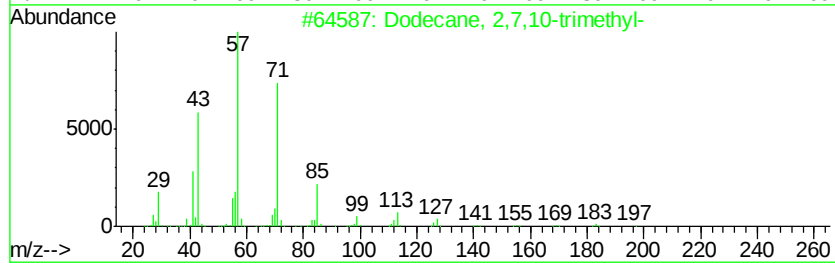
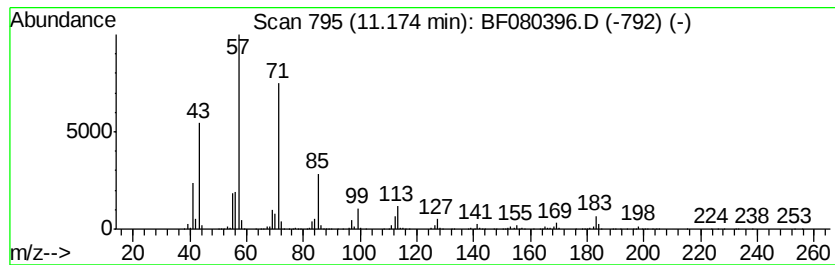
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Dodecane, 2,7,10-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.17	66.48 ng	1576210	Phenanthrene-d10	11.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	90
2		Tridecane, 5-propyl-	226	C16H34	055045-11-9	86
3		Tridecane	184	C13H28	000629-50-5	80
4		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	78
5		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	78



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070815\
 Data File : BF080396.D
 Acq On : 8 Jul 2015 19:20
 Operator : TP/UM
 Sample : G2866-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-6.5-7.0-070115

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070615.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
Xenon	6.97	70.1	ng	3081340	1	7.21	878945	20.0
Nonane, 2-methyl-...	7.32	52.3	ng	2297150	1	7.21	878945	20.0
Cyclohexane, (2-m...	7.36	45.2	ng	1988160	1	7.21	878945	20.0
4-Decene, 4-methy...	7.49	48.6	ng	2134850	1	7.21	878945	20.0
Naphthalene, deca...	7.62	69.0	ng	3034070	1	7.21	878945	20.0
Cyclopentane, 1,1...	7.70	29.8	ng	1309030	1	7.21	878945	20.0
unknown7.86	7.86	46.5	ng	4551530	2	8.50	1956830	20.0
unknown8.10	8.10	30.1	ng	2940590	2	8.50	1956830	20.0
Naphthalene, deca...	8.14	34.9	ng	3415790	2	8.50	1956830	20.0
Benzene, 1-methyl...	8.25	33.1	ng	3240750	2	8.50	1956830	20.0
unknown8.56	8.56	34.9	ng	3410660	2	8.50	1956830	20.0
Cyclohexane, 2-bu...	8.72	69.7	ng	6817700	2	8.50	1956830	20.0
Decane, 2-methyl-	8.93	53.8	ng	5266750	2	8.50	1956830	20.0
unknown9.29	9.29	31.3	ng	3057900	2	8.50	1956830	20.0
Heptylcyclohexane	9.41	38.8	ng	3141120	3	10.27	1618330	20.0
Decane, 3,6-dimet...	9.53	65.0	ng	5257430	3	10.27	1618330	20.0
2-Isopropyl-5-met...	9.68	38.8	ng	3140520	3	10.27	1618330	20.0
Heptadecane, 2,6,...	9.98	48.6	ng	3931870	3	10.27	1618330	20.0
Dodecane, 2,7,10-...	11.17	66.5	ng	1576210	4	11.77	474189	20.0