

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051115\
 Data File : BF079151.D
 Acq On : 12 May 2015 9:59
 Operator : TP/IZ
 Sample : G2176-15
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PS-12A(5-10)

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-BF043015.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	1.438	20	22	25	rVB	3752371	4565952	29.88%	1.867%
2	1.575	31	34	37	rVB	866196	1384323	9.06%	0.566%
3	1.747	47	49	57	rVB2	146470	351349	2.30%	0.144%
4	1.861	57	59	73	rBV	973133	1598055	10.46%	0.654%
5	5.599	384	386	389	rBV	948500	1046192	6.85%	0.428%
6	6.730	483	485	490	rVB2	293496	575911	3.77%	0.236%
7	6.810	490	492	493	rBV	248707	330248	2.16%	0.135%
8	6.867	494	497	498	rBV	1370428	1222660	8.00%	0.500%
9	6.925	500	502	504	rBV	245511	253385	1.66%	0.104%
10	6.982	504	507	508	rBV	879607	1022443	6.69%	0.418%
11	7.016	508	510	512	rVB2	1343378	1690320	11.06%	0.691%
12	7.107	516	518	521	rBV2	924239	1643367	10.75%	0.672%
13	7.165	521	523	524	rBV	438533	596640	3.90%	0.244%
14	7.245	527	530	531	rBV3	592248	1341551	8.78%	0.549%
15	7.302	531	535	536	rBV	1289369	1921780	12.57%	0.786%
16	7.336	536	538	540	rVB	3785071	3978558	26.03%	1.627%
17	7.382	540	542	547	rBV5	1214949	2944110	19.26%	1.204%
18	7.496	547	552	554	rBV2	3838681	9853224	64.47%	4.030%
19	7.530	554	555	557	rVB	2098296	2025699	13.25%	0.829%
20	7.576	557	559	561	rBV3	1387160	2862386	18.73%	1.171%
21	7.668	561	567	569	rVV3	3637065	8087522	52.92%	3.308%
22	7.702	569	570	572	rVB	3547442	4703882	30.78%	1.924%
23	7.748	572	574	576	rBV2	5577867	9971574	65.24%	4.078%
24	7.793	576	578	583	rVV2	5980772	13505095	88.36%	5.524%
25	7.862	583	584	586	rVV2	854109	1114232	7.29%	0.456%
26	7.908	586	588	590	rVB2	1250806	1638125	10.72%	0.670%
27	7.988	590	595	597	rBV2	4075519	8761834	57.33%	3.584%
28	8.033	597	599	601	rVV	3444301	4638317	30.35%	1.897%
29	8.079	601	603	605	rVV2	4967597	9702798	63.49%	3.968%
30	8.125	605	607	609	rVB2	3135714	4642449	30.38%	1.899%
31	8.170	609	611	613	rBV2	2047293	4054829	26.53%	1.658%
32	8.216	613	615	617	rVV2	3881895	6743819	44.12%	2.758%
33	8.262	617	619	621	rVV2	3413937	5193094	33.98%	2.124%
34	8.308	621	623	626	rVV2	5773497	11361478	74.34%	4.647%

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35	8.388	626	630	631	rVV2	2439721	4191235	27.42%	1.714%
36	8.456	631	636	639	rVV6	5260741	15283461	100.00%	6.251%
37	8.536	639	643	645	rVV3	4546909	11350459	74.27%	4.642%
38	8.582	645	647	648	rVV	3676466	5369806	35.13%	2.196%
39	8.628	648	651	653	rVB2	5166646	9464045	61.92%	3.871%
40	8.673	653	655	659	rBV2	4472205	7895622	51.66%	3.229%
41	8.730	659	660	662	rBV	1970976	2169823	14.20%	0.887%
42	8.776	662	664	666	rVV2	2578385	4341884	28.41%	1.776%
43	8.856	669	671	672	rVV	2163692	3538155	23.15%	1.447%
44	8.902	672	675	677	rVB3	4630855	7790783	50.98%	3.186%
45	8.959	677	680	682	rBV4	2068266	4436912	29.03%	1.815%
46	9.005	682	684	685	rBV	4283648	5012905	32.80%	2.050%
47	9.108	692	693	695	rVB	1578953	1089662	7.13%	0.446%
48	9.153	695	697	698	rBV2	437501	651927	4.27%	0.267%
49	9.268	703	707	708	rBV3	2453671	4030873	26.37%	1.649%
50	9.302	708	710	712	rVV	1730078	2047361	13.40%	0.837%
51	9.336	712	713	715	rVB	1311876	1028227	6.73%	0.421%
52	9.382	715	717	720	rVB	2278278	2417481	15.82%	0.989%
53	9.439	720	722	727	rVB	3056481	4889304	31.99%	2.000%
54	9.565	731	733	734	rVB	247178	302579	1.98%	0.124%
55	9.599	734	736	738	rBV2	166253	178571	1.17%	0.073%
56	9.668	738	742	743	rBV4	411306	779878	5.10%	0.319%
57	9.691	743	744	747	rVB2	758286	822801	5.38%	0.337%
58	9.828	754	756	759	rBV3	643208	877912	5.74%	0.359%
59	9.873	759	760	762	rVB	311516	298274	1.95%	0.122%
60	10.022	771	773	774	rBV	246426	287017	1.88%	0.117%
61	10.056	774	776	778	rVB2	392886	537775	3.52%	0.220%
62	10.102	778	780	783	rBV4	128064	312472	2.04%	0.128%
63	10.171	783	786	788	rBV3	293787	495205	3.24%	0.203%
64	10.228	788	791	792	rBV	954043	1309375	8.57%	0.536%
65	10.582	817	822	823	rBV3	69721	177090	1.16%	0.072%
66	10.731	833	835	841	rVB2	114119	205942	1.35%	0.084%
67	11.051	861	863	866	rVB	574310	551839	3.61%	0.226%
68	12.034	946	949	952	rVB	964216	952426	6.23%	0.390%
69	12.891	1022	1024	1026	rBV	413589	546533	3.58%	0.224%
70	14.891	1196	1199	1202	rBV	1495878	1517809	9.93%	0.621%
71	16.068	1299	1302	1307	rBV	126865	193959	1.27%	0.079%

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72	16.206	1311	1314	1316	rVB	492562	639175	4.18%	0.261%
73	16.503	1333	1340	1347	rBV3	49042	268953	1.76%	0.110%
74	18.000	1468	1471	1473	rBV	522615	650645	4.26%	0.266%
75	18.149	1480	1484	1490	rVB	83390	265667	1.74%	0.109%

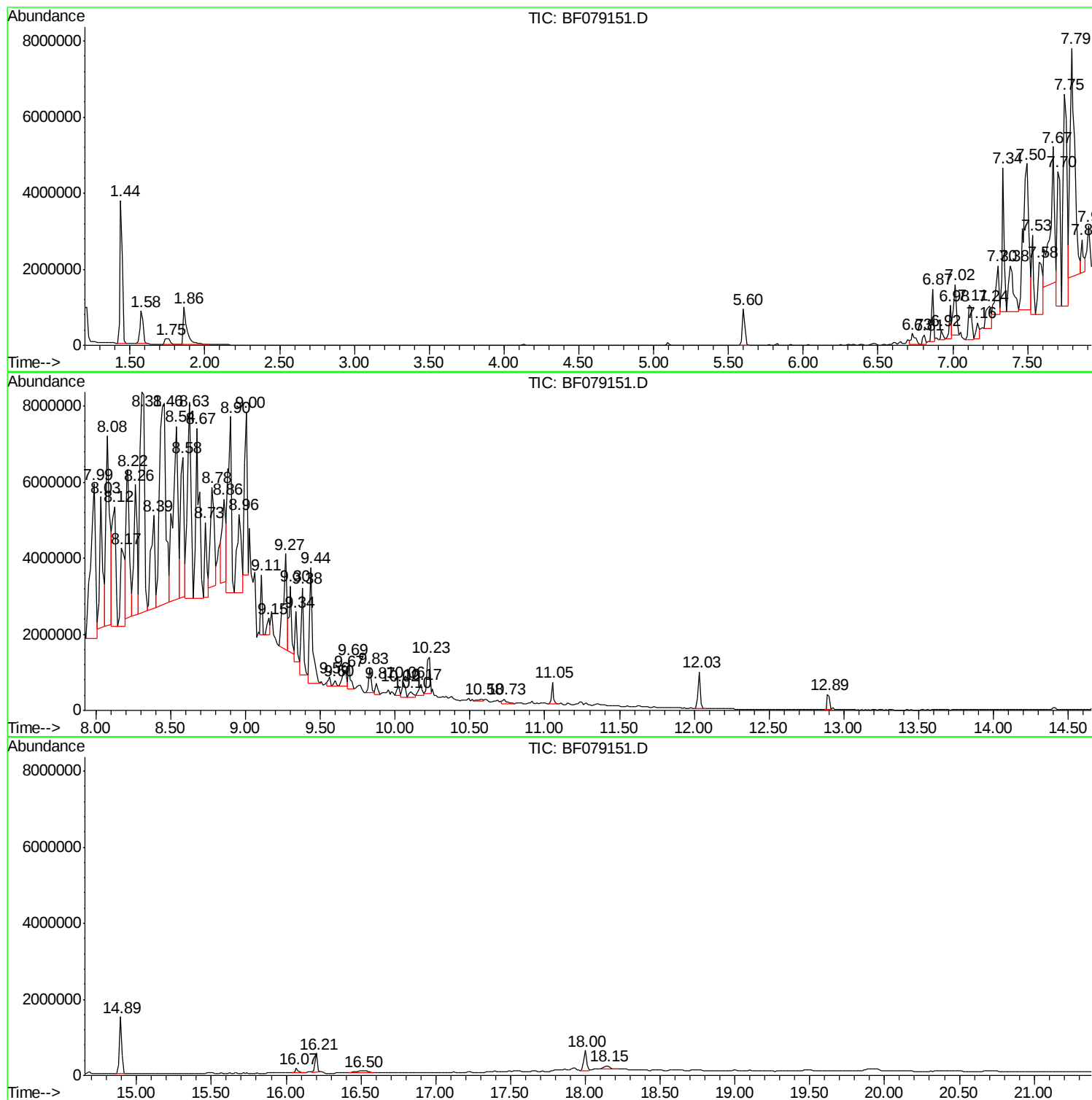
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Instrument :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Instrument :
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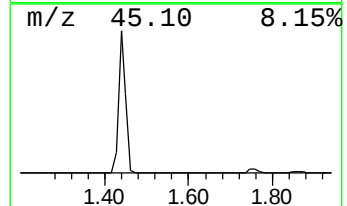
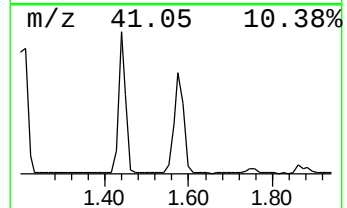
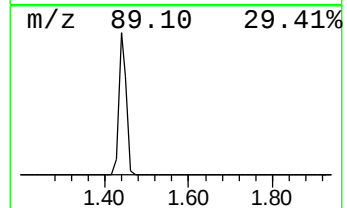
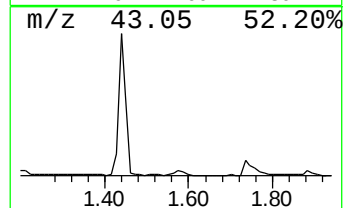
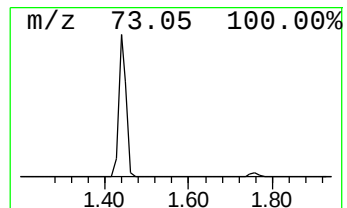
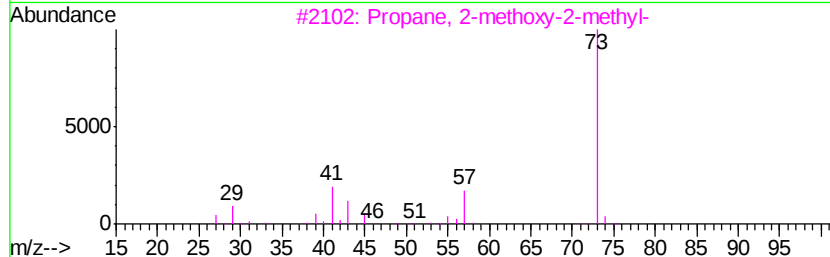
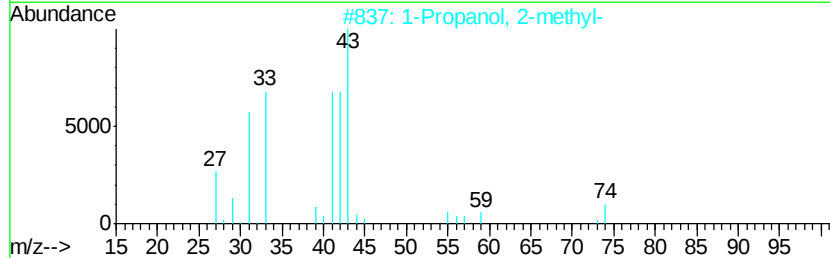
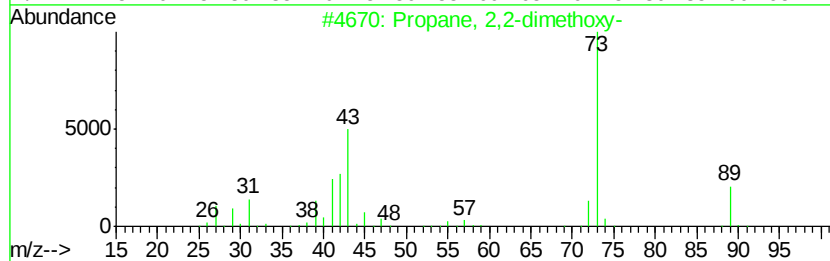
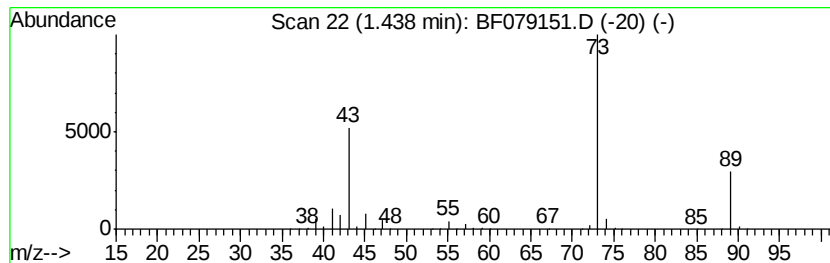
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.44	47.52 ng	4565950	1,4-Dichlorobenzene-d4	7.30

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	72
2			1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
3			Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
4			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
5			Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	9



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PS-12A(5-10)

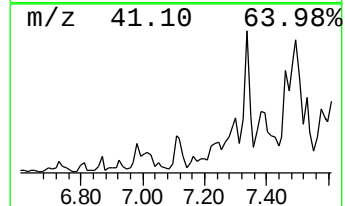
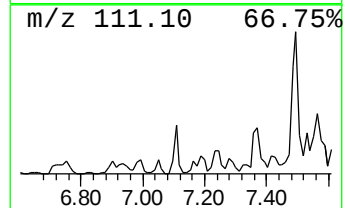
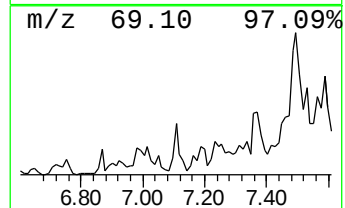
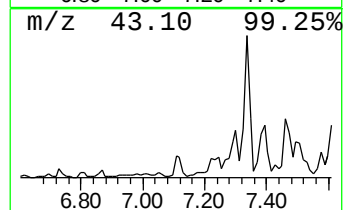
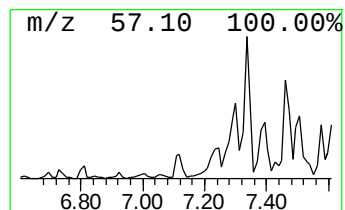
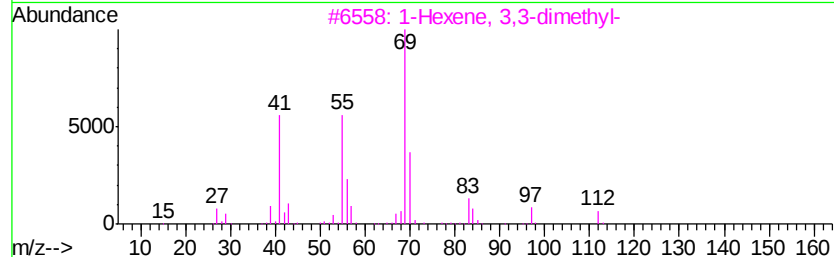
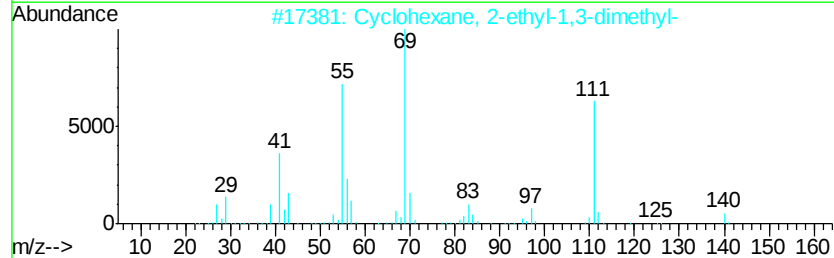
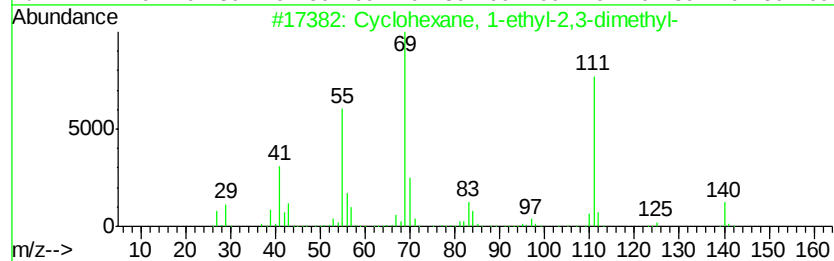
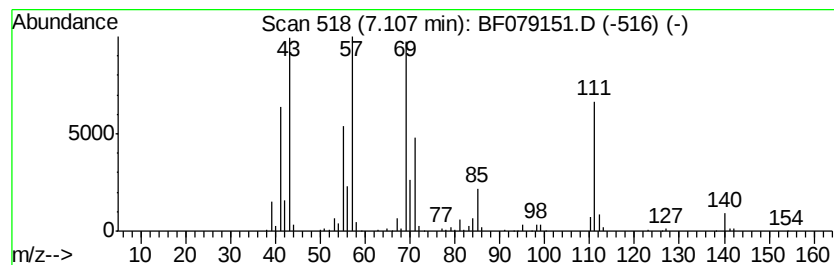
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Cyclohexane, 1-ethyl-2,3-di... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.11	17.10 ng	1643370	1,4-Dichlorobenzene-d4	7.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-ethyl-2,3-dimethyl-	140	C10H20	007058-05-1	64
2		Cyclohexane, 2-ethyl-1,3-dimethyl-	140	C10H20	007045-67-2	58
3		1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	43
4		Decane	142	C10H22	000124-18-5	30
5		Heptane, 4-methylene-	112	C8H16	015918-08-8	27



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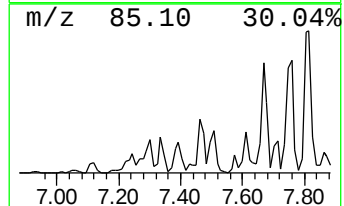
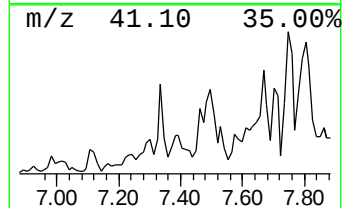
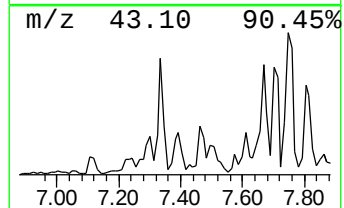
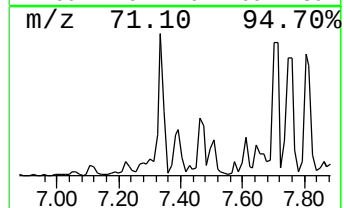
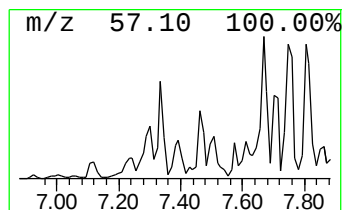
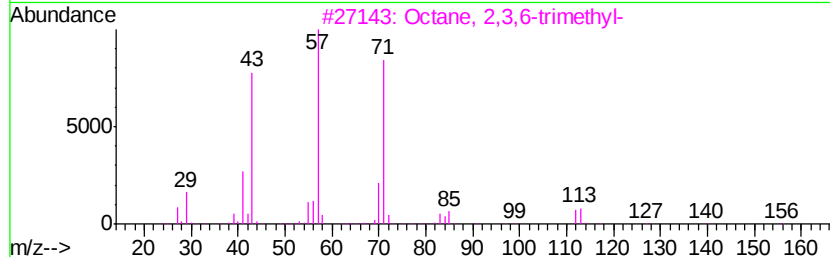
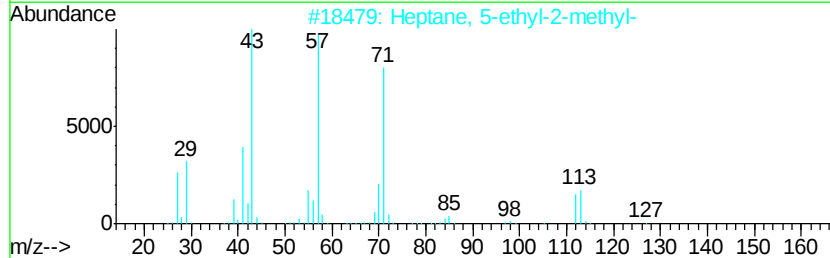
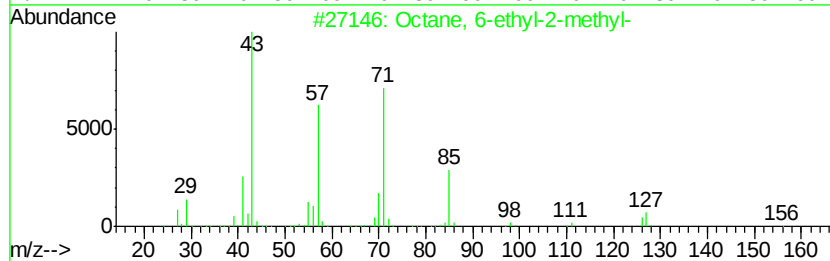
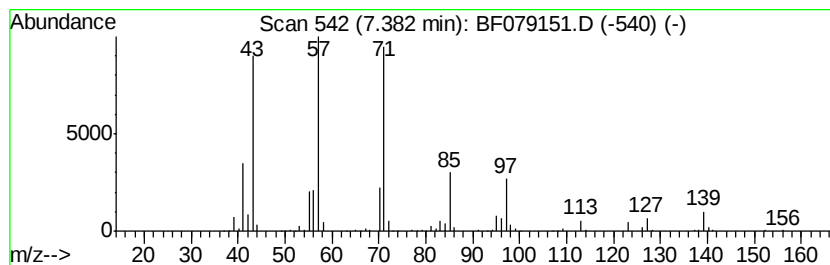
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Octane, 6-ethyl-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.38	30.64 ng	2944110	1,4-Dichlorobenzene-d4	7.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 6-ethyl-2-methyl-	156	C11H24	062016-19-7	53
2		Heptane, 5-ethyl-2-methyl-	142	C10H22	013475-78-0	50
3		Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	50
4		Heptane, 2,5,5-trimethyl-	142	C10H22	001189-99-7	47
5		Undecane, 4-methyl-	170	C12H26	002980-69-0	47



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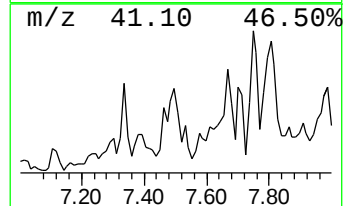
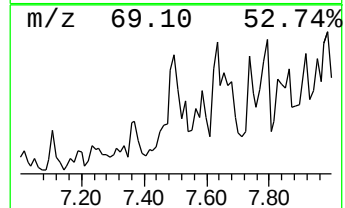
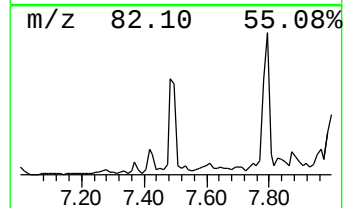
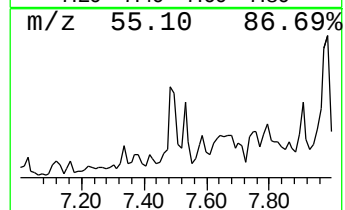
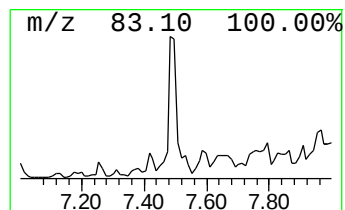
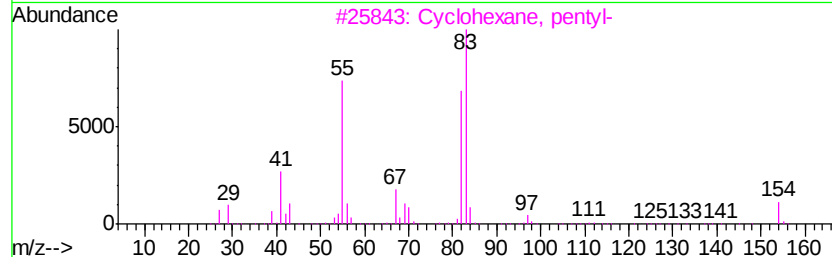
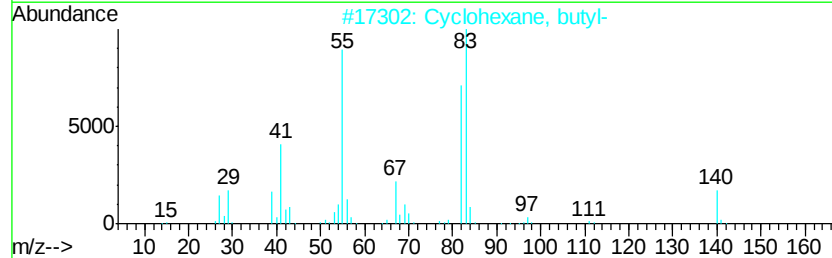
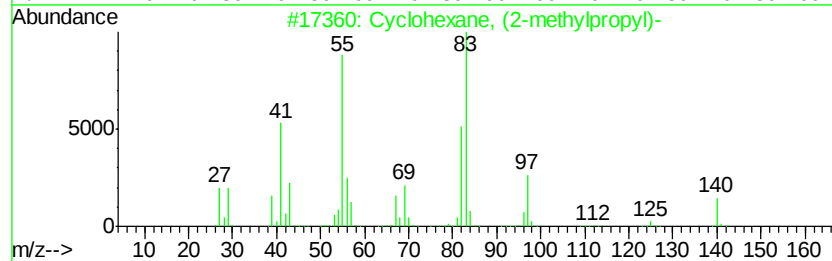
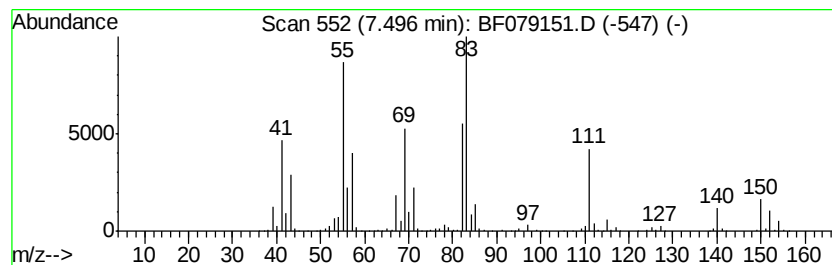
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Cyclohexane, (2-methylpropyl)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.50	102.54 ng	9853220	1,4-Dichlorobenzene-d4	7.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	64
2		Cyclohexane, butyl-	140	C10H20	001678-93-9	60
3		Cyclohexane, pentyl-	154	C11H22	004292-92-6	55
4		Cyclopentane, 1,1,3,4-tetramethy...	126	C9H18	053907-60-1	53
5		Cyclohexanecarboxylic acid, ethe...	154	C9H14O2	004840-76-0	46



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051115\
Data File : BF079151.D
Acq On : 12 May 2015 9:59
Operator : TP/IZ
Sample : G2176-15
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PS-12A(5-10)

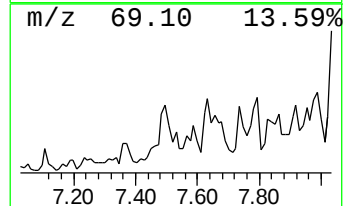
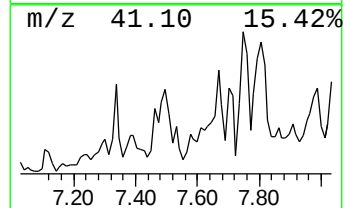
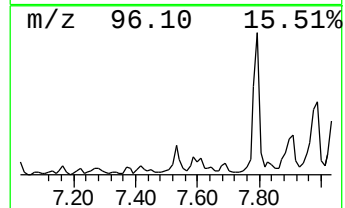
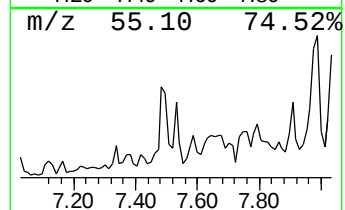
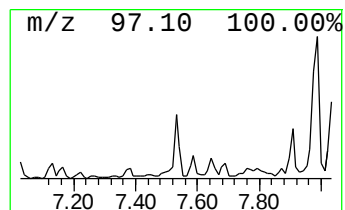
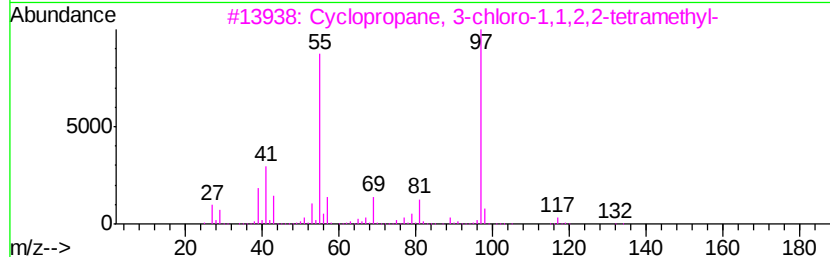
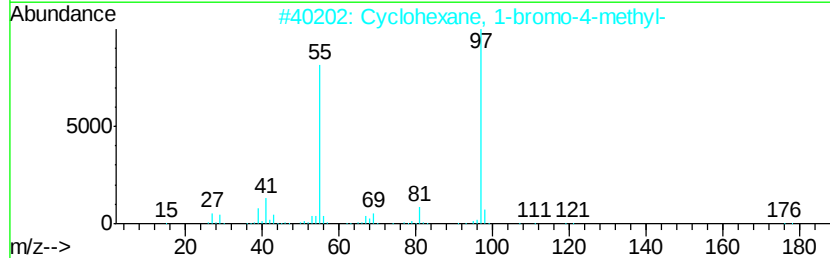
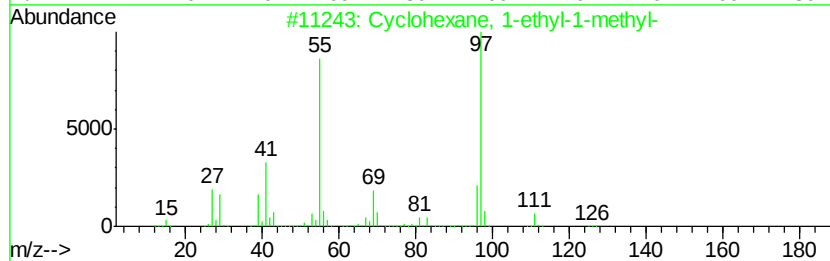
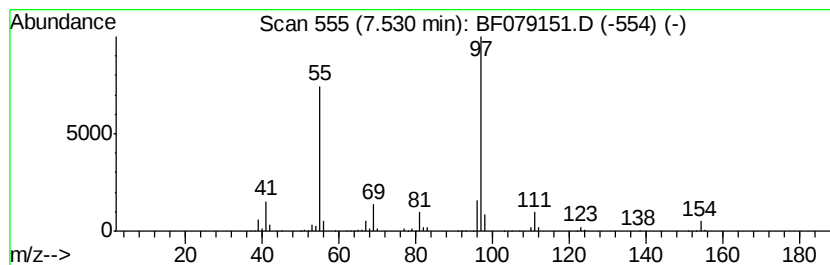
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Cyclohexane, 1-ethyl-1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.53	21.08 ng	2025700	1,4-Dichlorobenzene-d4	7.30

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	72
2			Cyclohexane, 1-bromo-4-methyl-	176	C7H13Br	006294-40-2	64
3			Cyclopropane, 3-chloro-1,1,2,2-t...	132	C7H13Cl	014123-41-2	64
4			Cyclohexane, 1-bromo-3-methyl-	176	C7H13Br	013905-48-1	59
5			Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	56



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051115\
Data File : BF079151.D
Acq On : 12 May 2015 9:59
Operator : TP/IZ
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Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PS-12A(5-10)

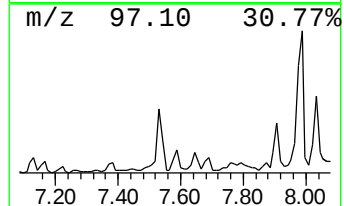
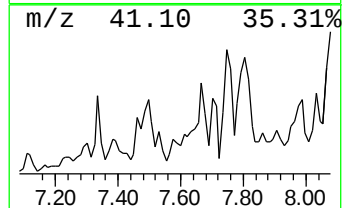
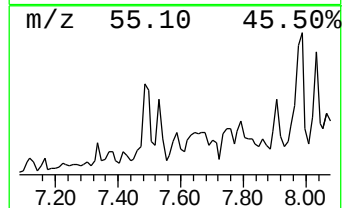
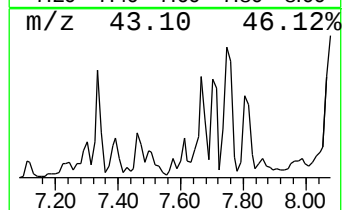
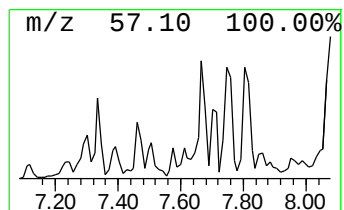
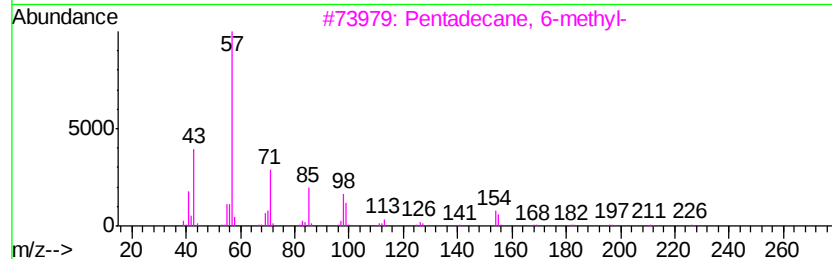
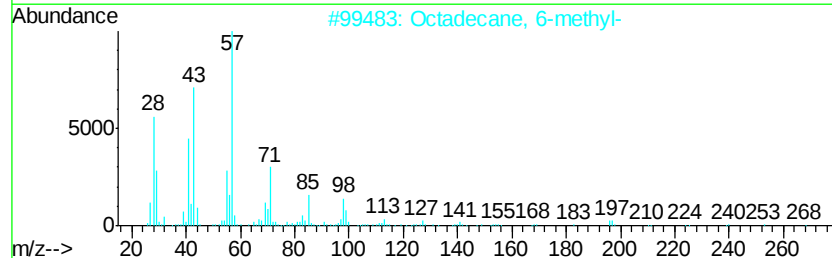
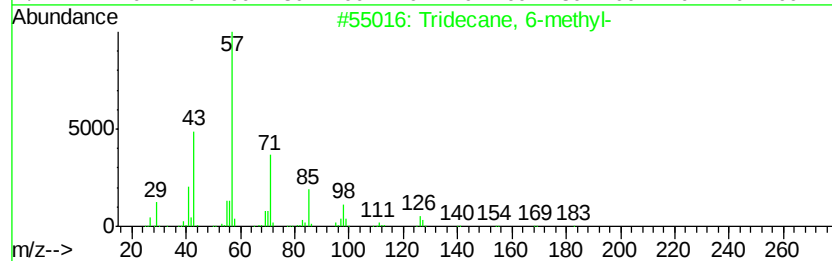
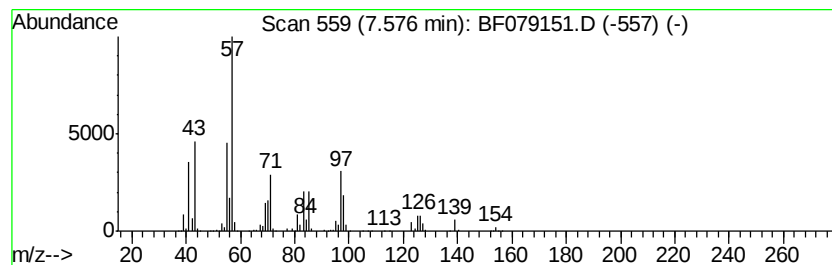
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown7.58 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	29.79 ng	2862390	1,4-Dichlorobenzene-d4	7.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	47
2		Octadecane, 6-methyl-	268	C19H40	010544-96-4	47
3		Pentadecane, 6-methyl-	226	C16H34	010105-38-1	43
4		Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	38
5		Nonadecane	268	C19H40	000629-92-5	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051115\
Data File : BF079151.D
Acq On : 12 May 2015 9:59
Operator : TP/IZ
Sample : G2176-15
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PS-12A(5-10)

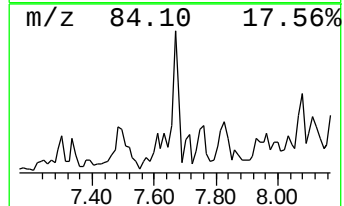
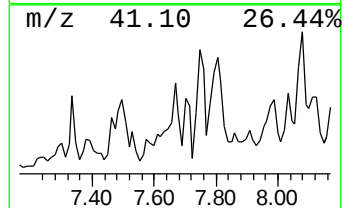
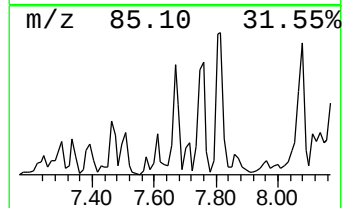
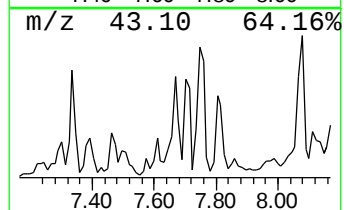
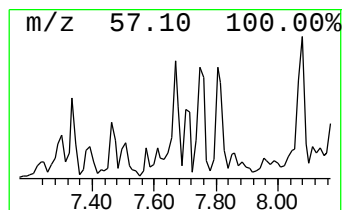
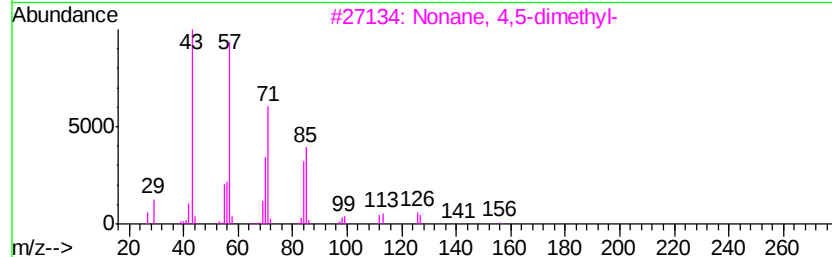
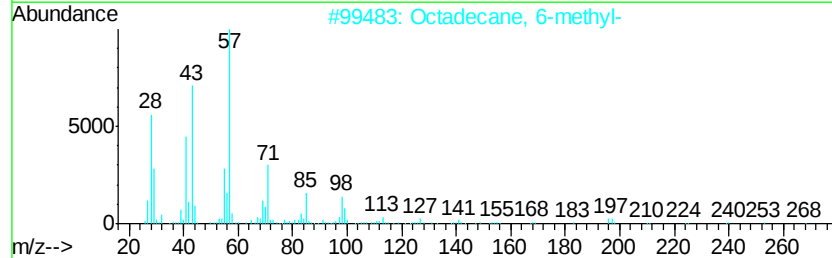
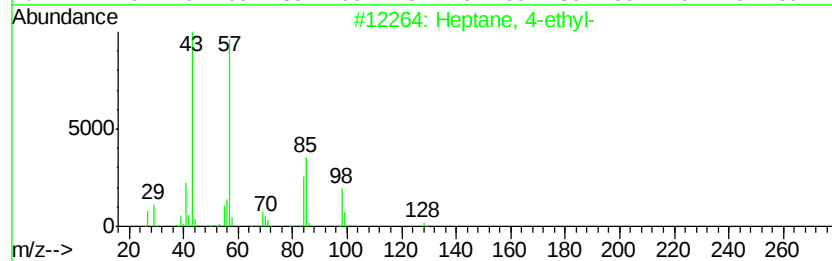
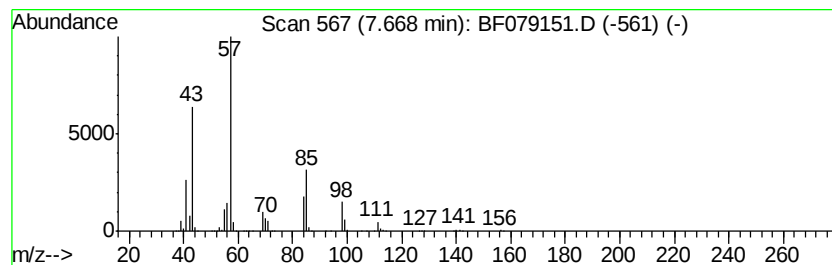
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heptane, 4-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.67	84.17 ng	8087520	1,4-Dichlorobenzene-d4	7.30

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 4-ethyl-	128	C9H20		002216-32-2	87
2	Octadecane, 6-methyl-	268	C19H40		010544-96-4	53
3	Nonane, 4,5-dimethyl-	156	C11H24		017302-23-7	52
4	Hexane, 3-ethyl-3-methyl-	128	C9H20		003074-76-8	50
5	Tetradecane, 5-methyl-	212	C15H32		025117-32-2	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051115\
Data File : BF079151.D
Acq On : 12 May 2015 9:59
Operator : TP/IZ
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Misc :
ALS Vial : 40 Sample Multiplier: 1

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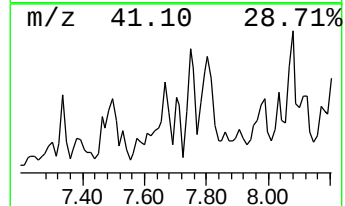
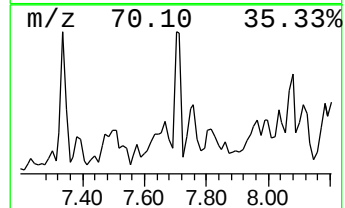
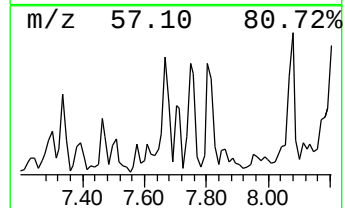
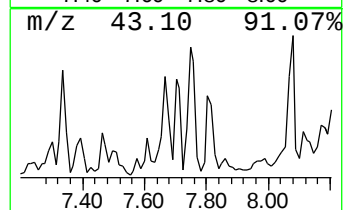
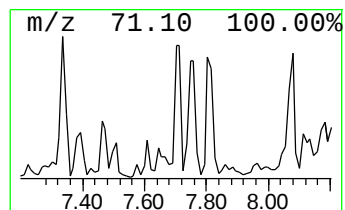
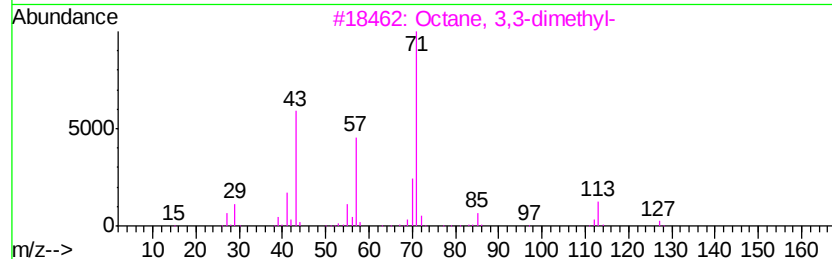
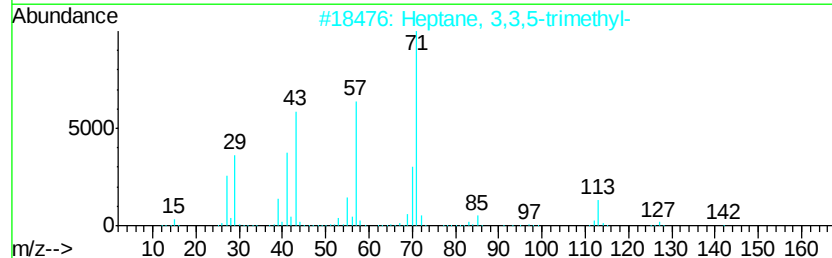
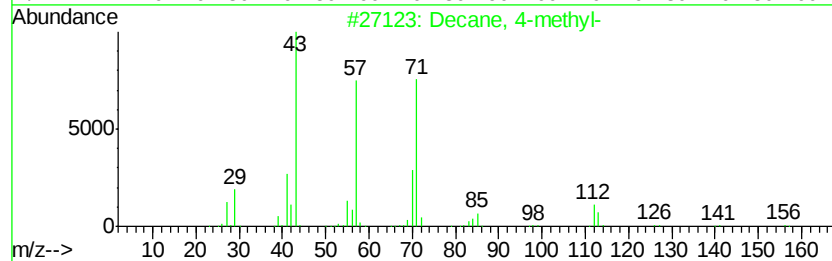
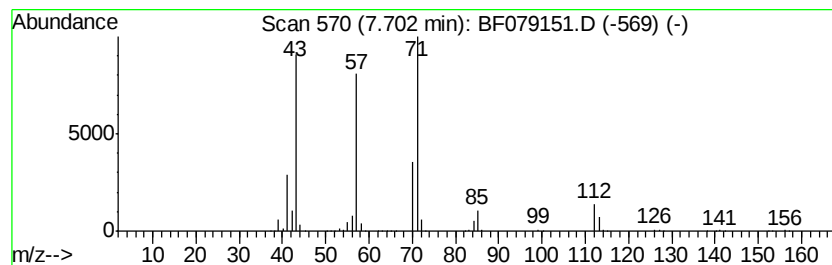
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Decane, 4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.70	48.95 ng	4703880	1,4-Dichlorobenzene-d4	7.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 4-methyl-	156	C11H24	002847-72-5	90
2		Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	72
3		Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	72
4		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
5		2,2'-Bifuran, octahydro-	142	C8H14O2	001592-33-2	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051115\
Data File : BF079151.D
Acq On : 12 May 2015 9:59
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Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PS-12A(5-10)

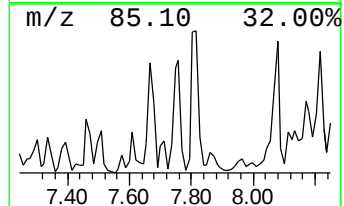
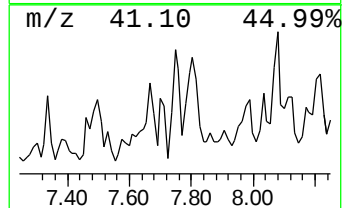
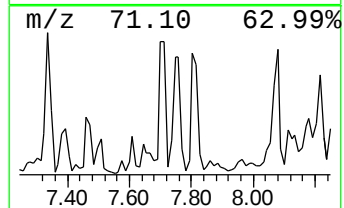
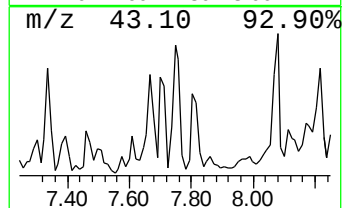
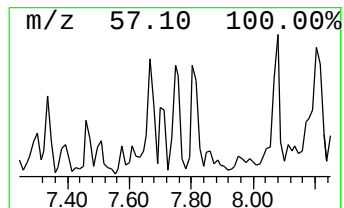
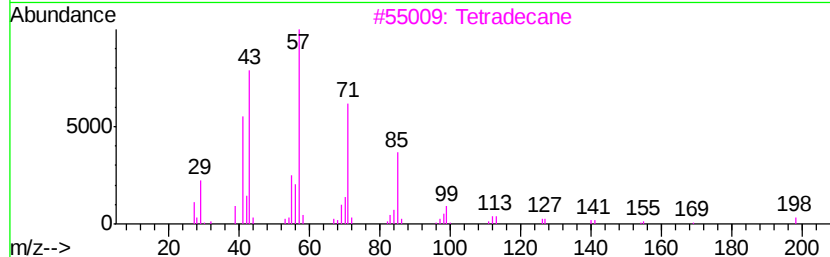
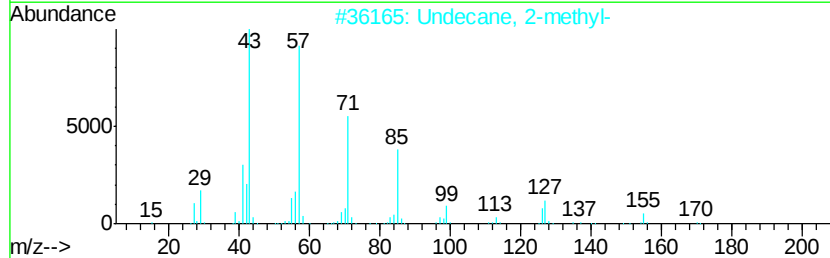
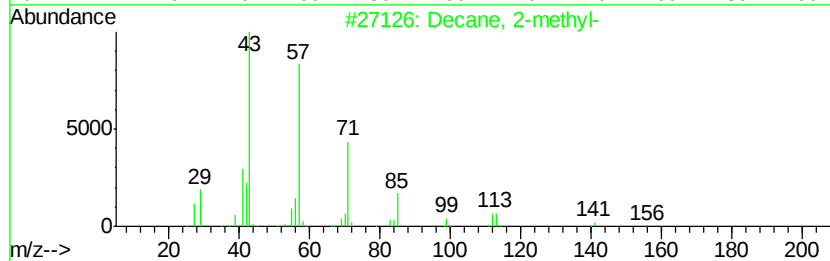
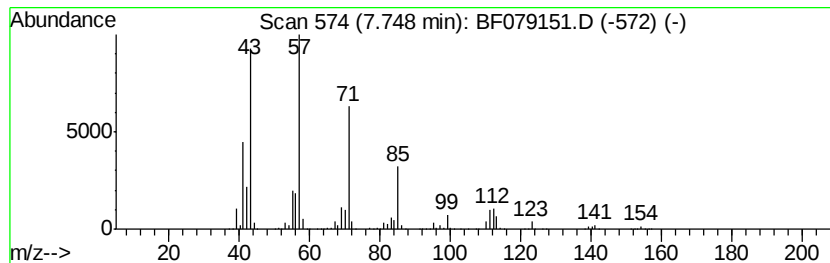
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Decane, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.75	103.77 ng	9971570	1,4-Dichlorobenzene-d4	7.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2-methyl-	156	C11H24	006975-98-0	81
2		Undecane, 2-methyl-	170	C12H26	007045-71-8	59
3		Tetradecane	198	C14H30	000629-59-4	53
4		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	53
5		Pentadecane	212	C15H32	000629-62-9	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051115\
Data File : BF079151.D
Acq On : 12 May 2015 9:59
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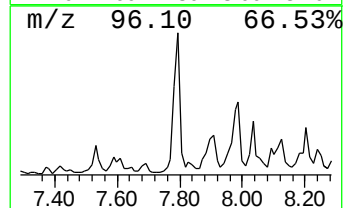
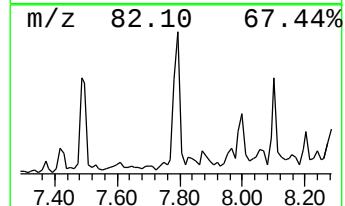
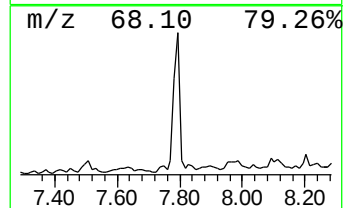
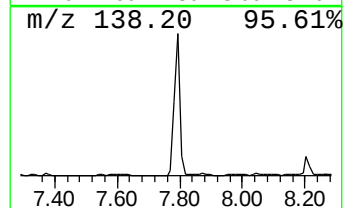
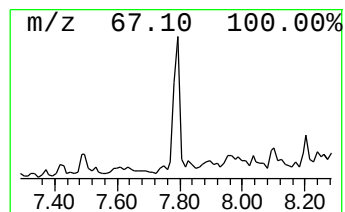
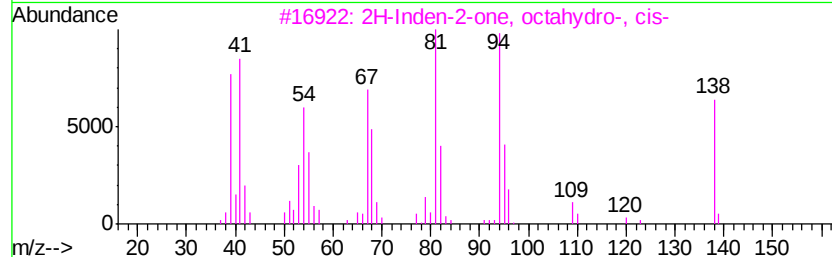
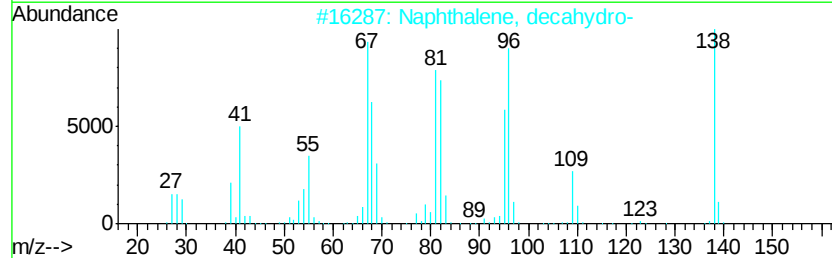
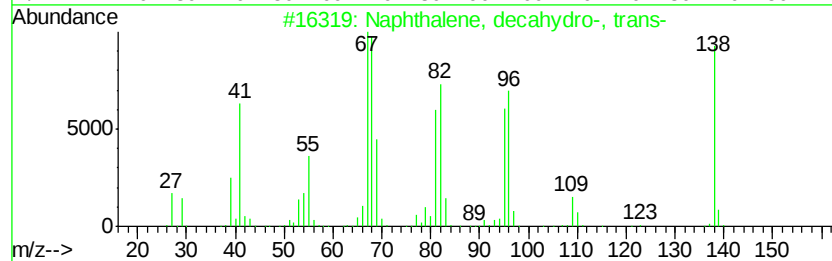
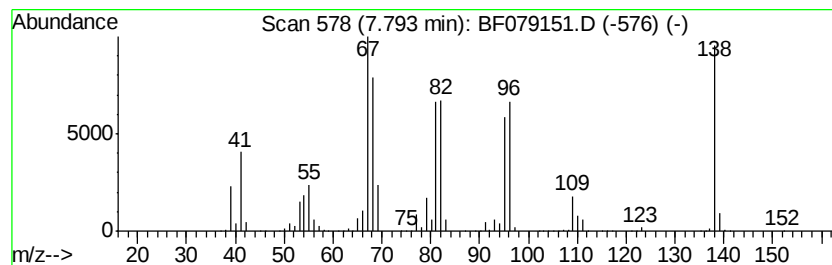
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, decahydro-, tr... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.79	140.55 ng	13505100	1,4-Dichlorobenzene-d4	7.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	95
2		Naphthalene, decahydro-	138	C10H18	000091-17-8	94
3		2H-Inden-2-one, octahydro-, cis-	138	C9H14O	005689-04-3	86
4		Cyclohexene, 1-methyl-4-(1-methyl-...	138	C10H18	001195-31-9	74
5		Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	74



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051115\
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Acq On : 12 May 2015 9:59
Operator : TP/IZ
Sample : G2176-15
Misc :
ALS Vial : 40 Sample Multiplier: 1

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ClientSampleId :
PS-12A(5-10)

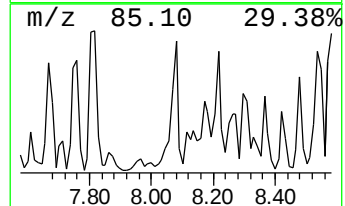
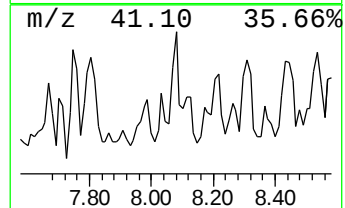
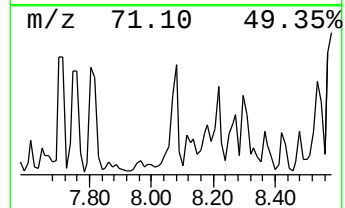
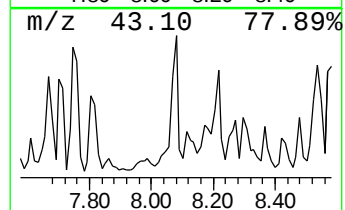
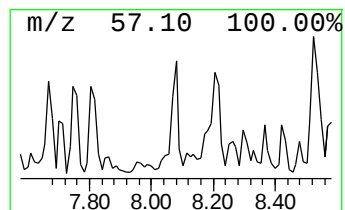
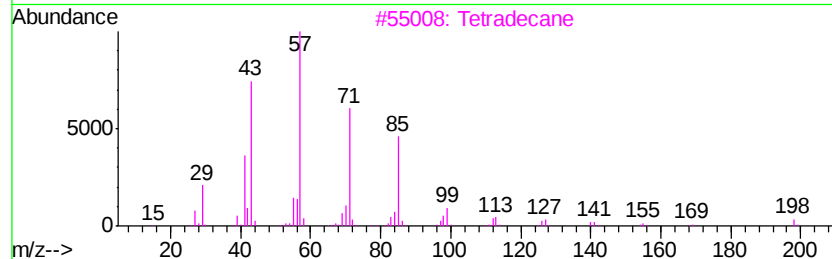
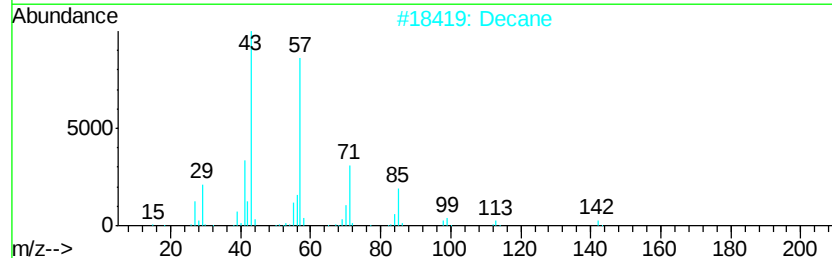
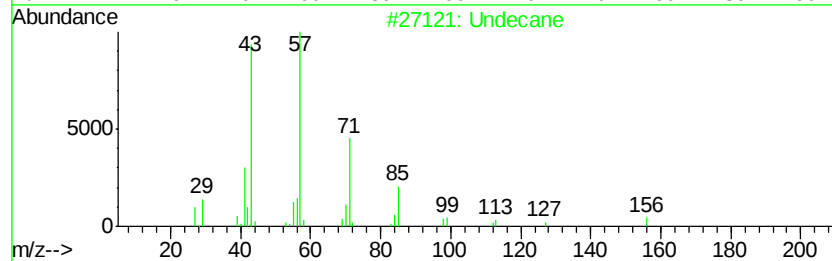
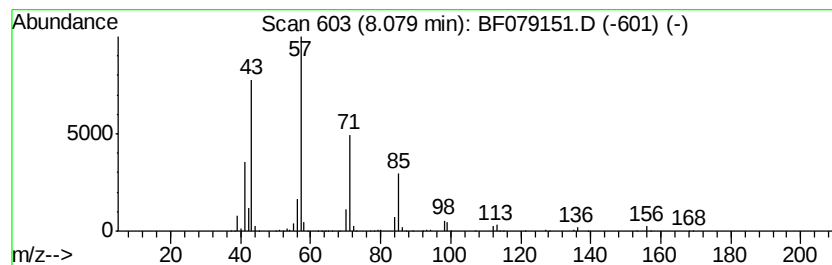
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Undecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.08	100.98 ng	9702800	1,4-Dichlorobenzene-d4	7.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane	156	C11H24	001120-21-4	91
2		Decane	142	C10H22	000124-18-5	90
3		Tetradecane	198	C14H30	000629-59-4	90
4		Tridecane	184	C13H28	000629-50-5	86
5		Hexatriacontane	507	C36H74	000630-06-8	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051115\
Data File : BF079151.D
Acq On : 12 May 2015 9:59
Operator : TP/IZ
Sample : G2176-15
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
PS-12A(5-10)

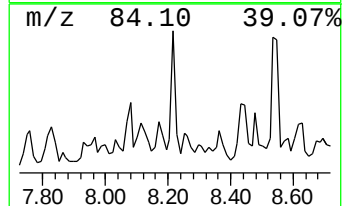
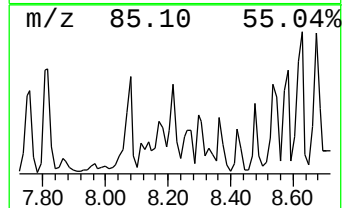
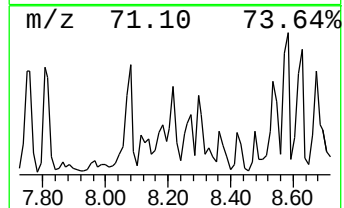
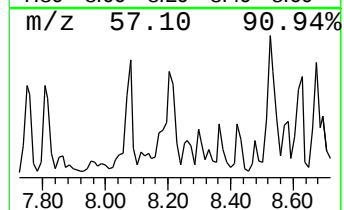
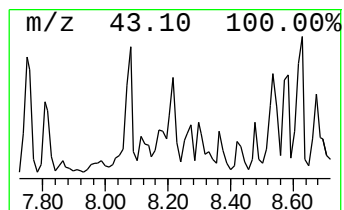
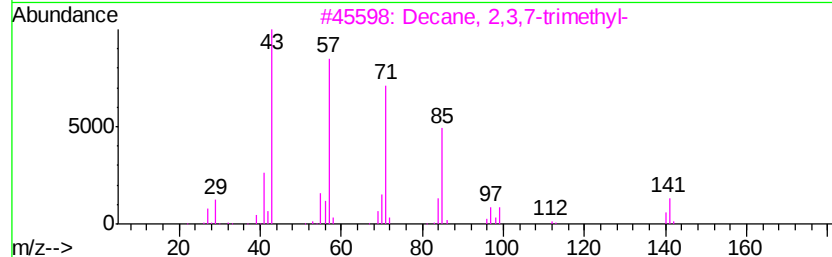
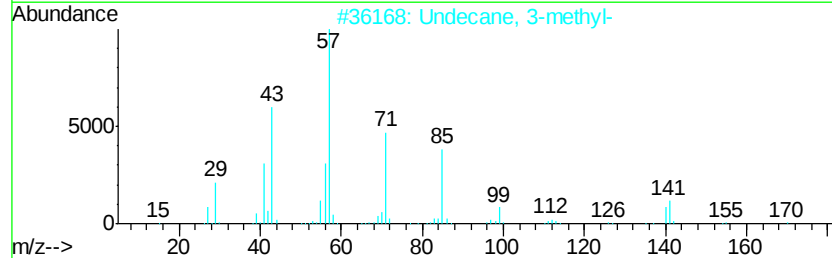
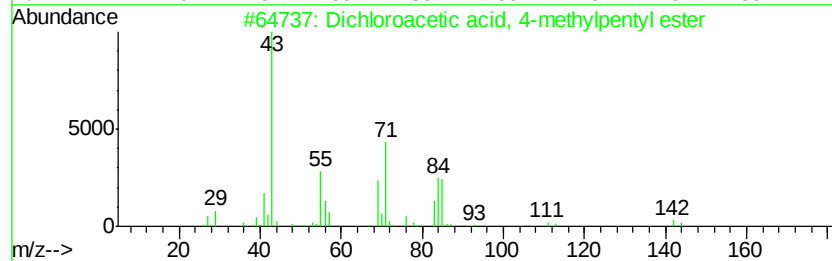
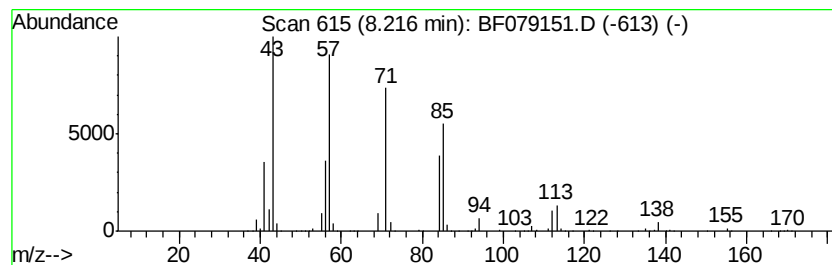
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Dichloroacetic acid, 4-meth... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.22	17.31 ng	6743820	Naphthalene-d8	8.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dichloroacetic acid, 4-methylpen...	212	C8H14Cl2O2	1000282-43-7	59
2		Undecane, 3-methyl-	170	C12H26	001002-43-3	53
3		Decane, 2,3,7-trimethyl-	184	C13H28	062238-13-5	53
4		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	50
5		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051115\
Data File : BF079151.D
Acq On : 12 May 2015 9:59
Operator : TP/IZ
Sample : G2176-15
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PS-12A(5-10)

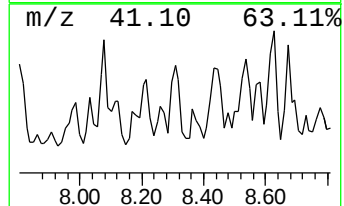
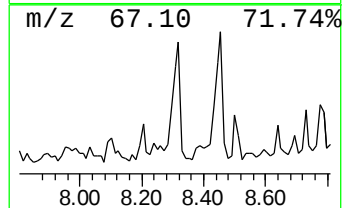
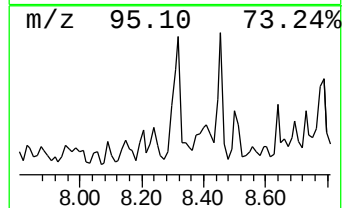
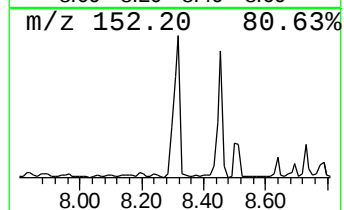
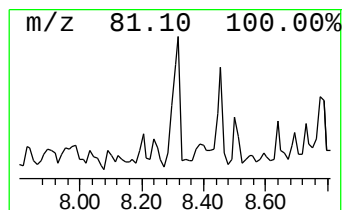
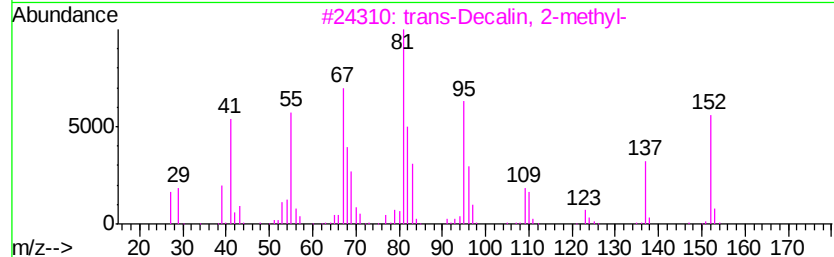
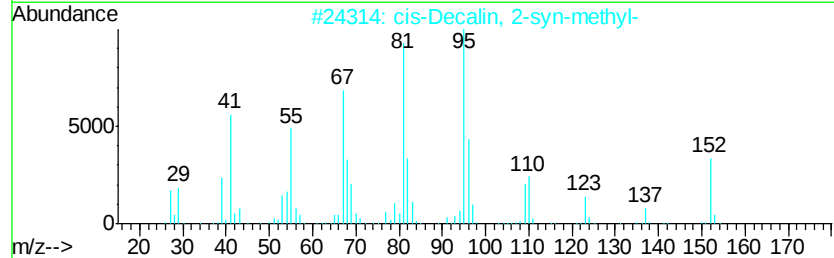
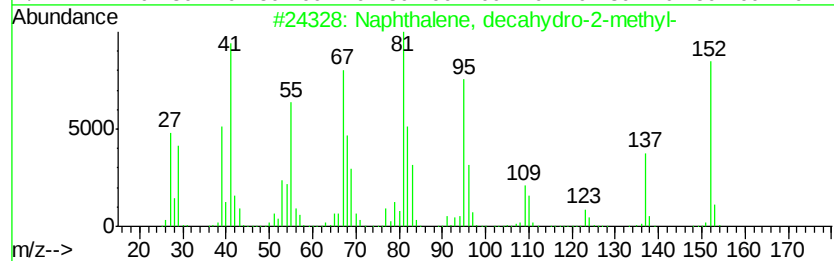
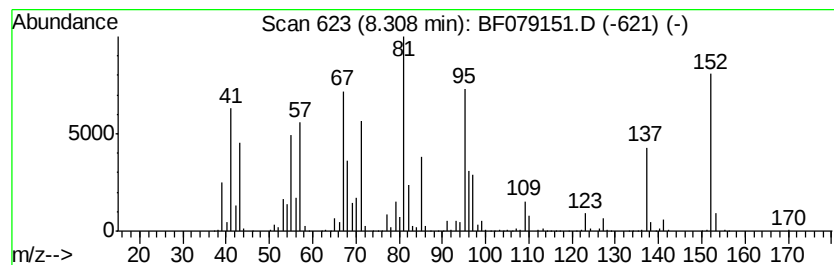
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, decahydro-2-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.31	29.17 ng	11361500	Naphthalene-d8	8.89

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	70
3		trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	62
4		Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	000529-00-0	45
5		Cyclohexene, 1-pentyl-	152	C11H20	015232-85-6	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051115\
Data File : BF079151.D
Acq On : 12 May 2015 9:59
Operator : TP/IZ
Sample : G2176-15
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PS-12A(5-10)

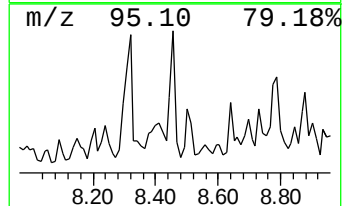
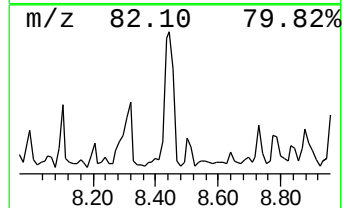
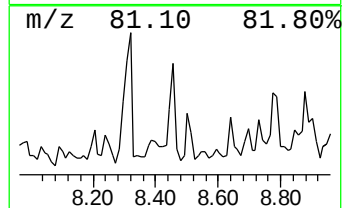
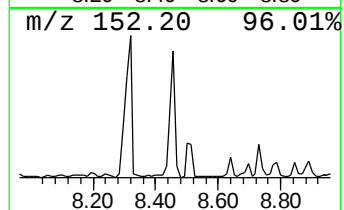
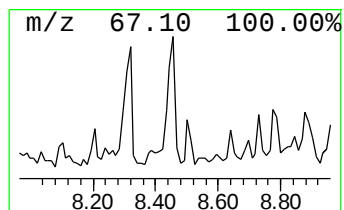
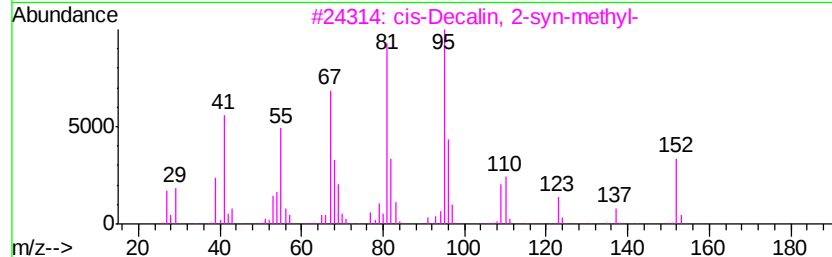
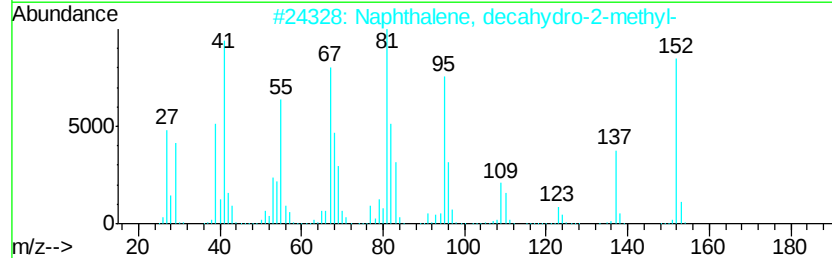
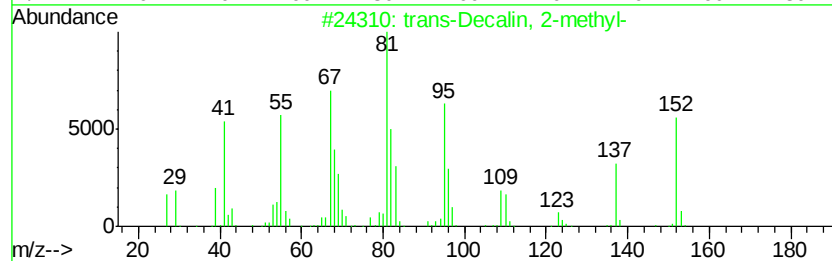
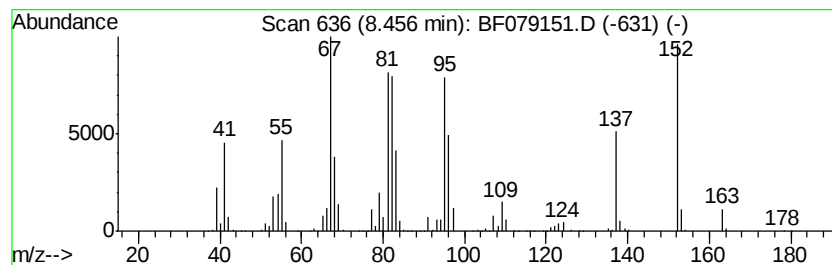
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 trans-Decalin, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.46	39.23 ng	15283500	Naphthalene-d8	8.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	89
2		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	68
3		cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	58
4		Cyclopentylcyclohexane	152	C11H20	001606-08-2	46
5		4,5-Nonadiene, 2-methyl-	138	C10H18	055956-32-6	45



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051115\
Data File : BF079151.D
Acq On : 12 May 2015 9:59
Operator : TP/IZ
Sample : G2176-15
Misc :
ALS Vial : 40 Sample Multiplier: 1

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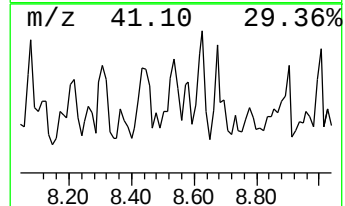
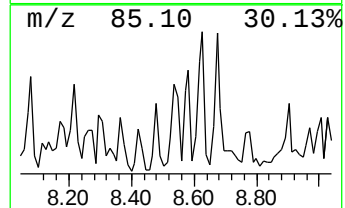
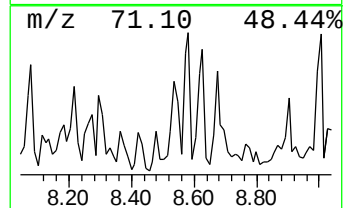
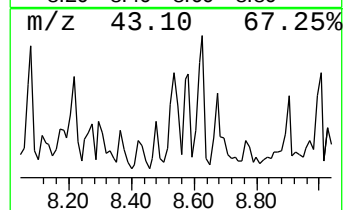
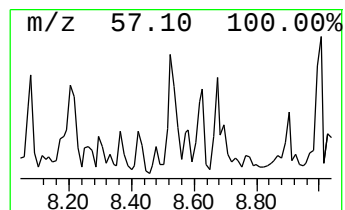
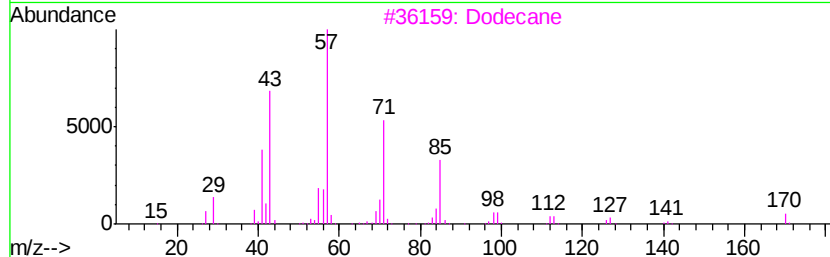
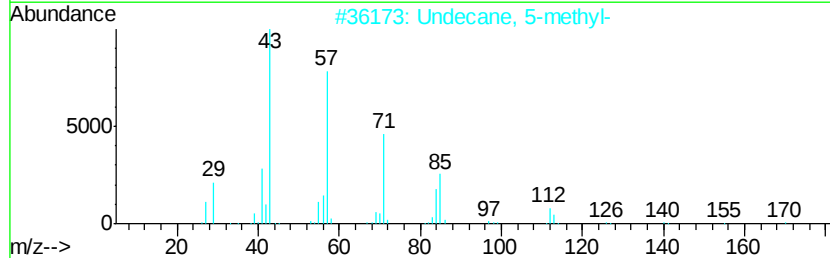
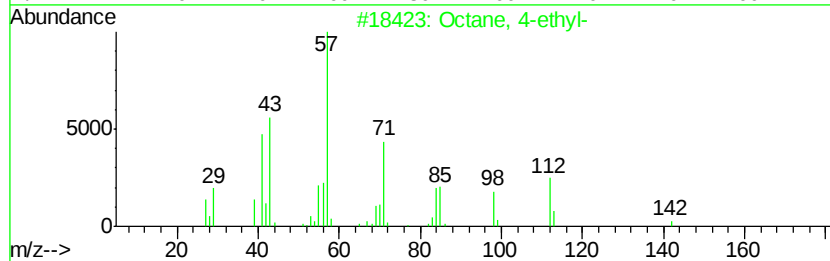
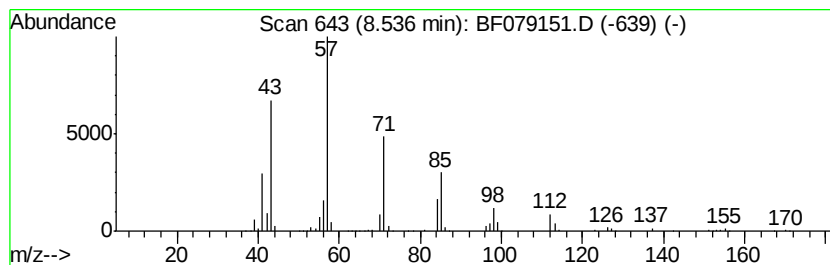
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Octane, 4-ethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.54	29.14 ng	11350500	Naphthalene-d8	8.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 4-ethyl-	142	C10H22	015869-86-0	80
2		Undecane, 5-methyl-	170	C12H26	001632-70-8	74
3		Dodecane	170	C12H26	000112-40-3	72
4		Tetradecane	198	C14H30	000629-59-4	64
5		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051115\
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Acq On : 12 May 2015 9:59
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Sample : G2176-15
Misc :
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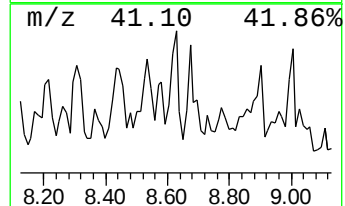
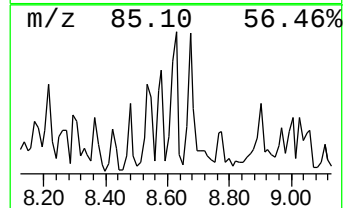
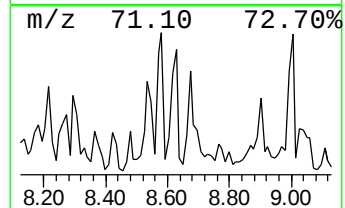
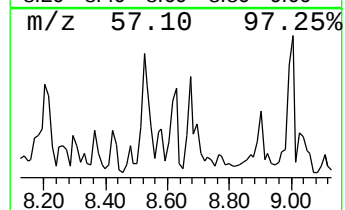
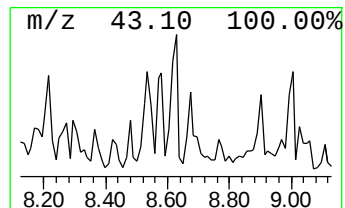
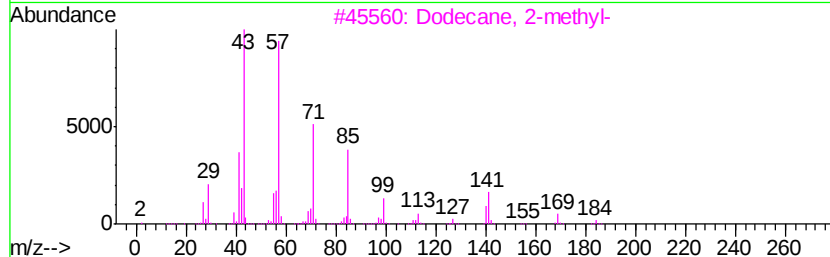
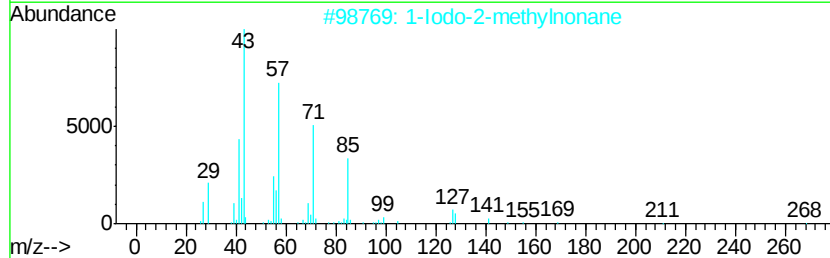
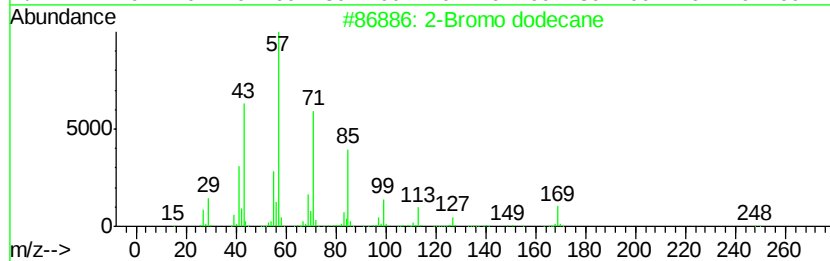
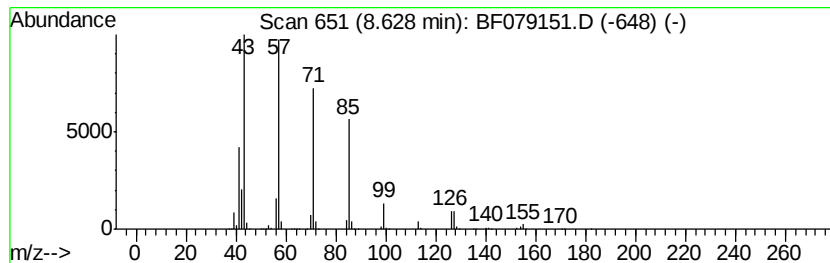
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 2-Bromo dodecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.63	24.30 ng	9464050	Napthalene-d8	8.89	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	64
2	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	64
3	Dodecane, 2-methyl-	184	C13H28	001560-97-0	59
4	Undecane, 2-methyl-	170	C12H26	007045-71-8	59
5	Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051115\
Data File : BF079151.D
Acq On : 12 May 2015 9:59
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Misc :
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PS-12A(5-10)

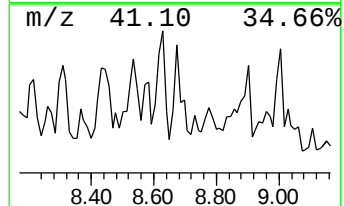
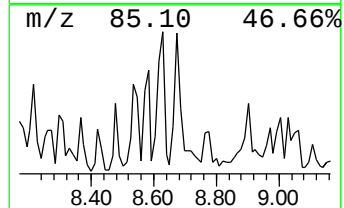
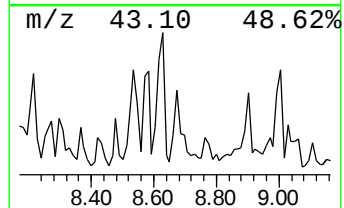
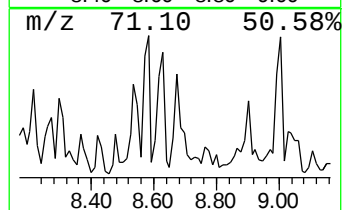
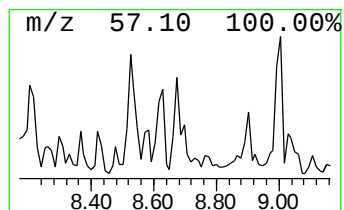
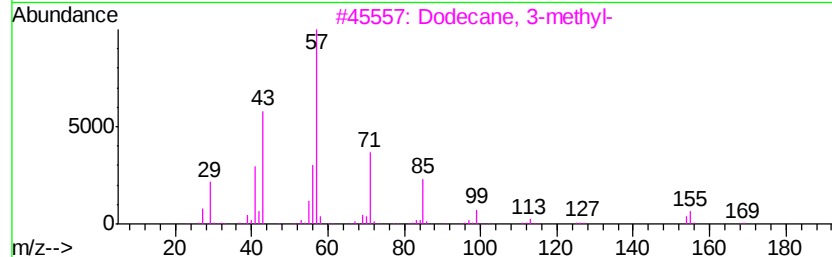
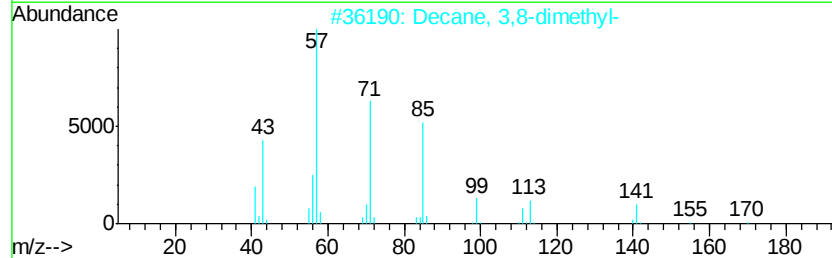
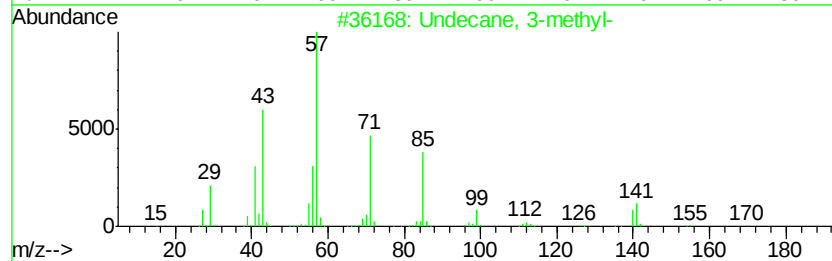
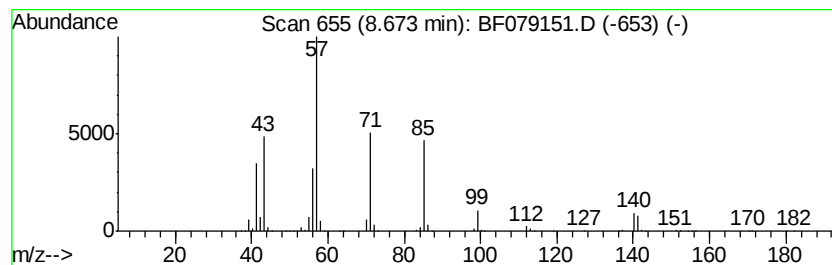
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Undecane, 3-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.67	20.27 ng	7895620	Naphthalene-d8	8.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 3-methyl-	170	C12H26	001002-43-3	83
2		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	59
3		Dodecane, 3-methyl-	184	C13H28	017312-57-1	53
4		Nonane, 3-methyl-	142	C10H22	005911-04-6	49
5		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	46



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051115\
Data File : BF079151.D
Acq On : 12 May 2015 9:59
Operator : TP/IZ
Sample : G2176-15
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PS-12A(5-10)

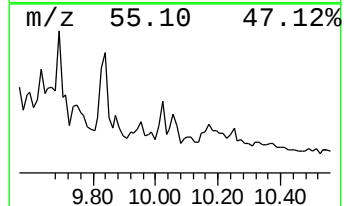
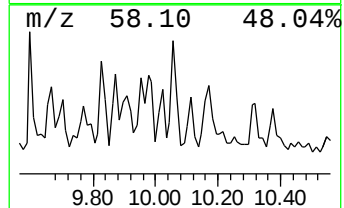
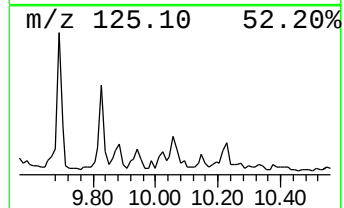
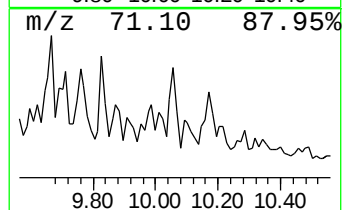
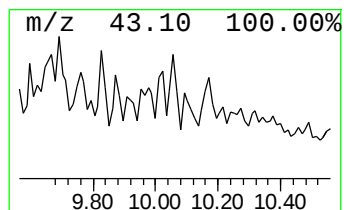
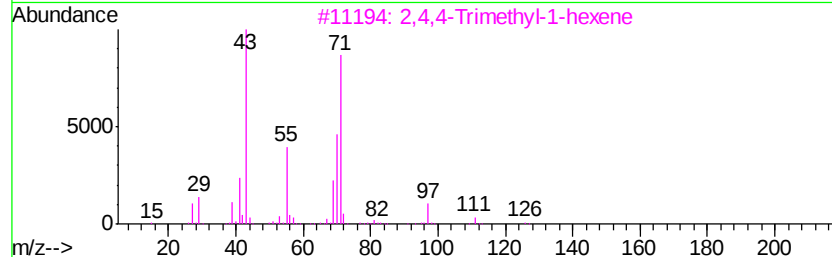
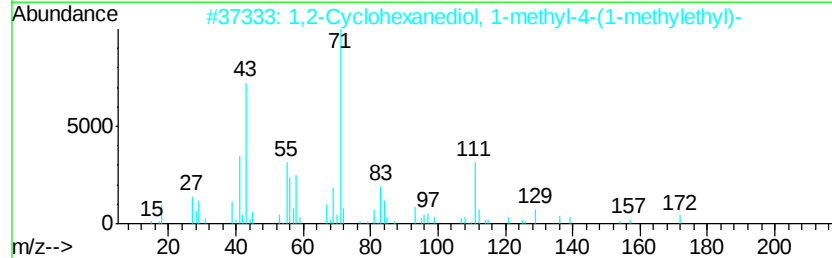
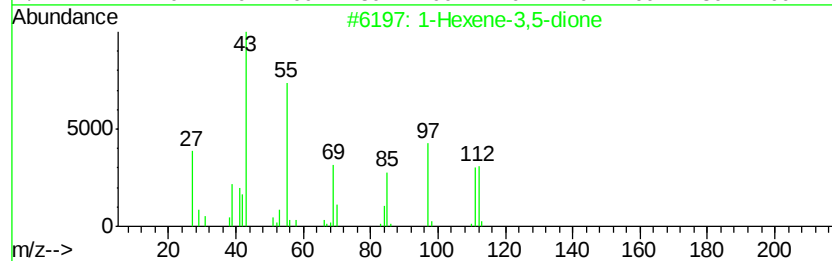
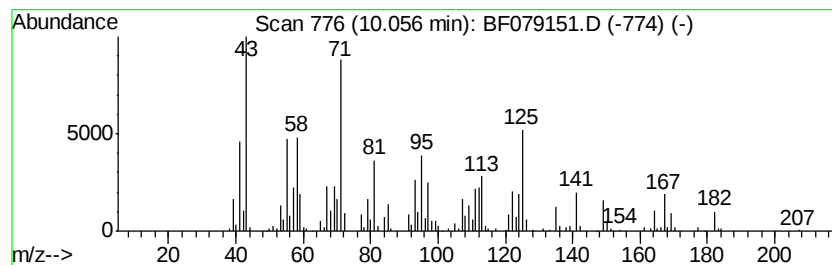
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown10.06 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.06	19.49 ng	537775	Acenaphthene-d10	11.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Hexene-3,5-dione	112	C6H8O2	052204-69-0	25
2		1,2-Cyclohexanediol, 1-methyl-4-...	172	C10H20O2	033669-76-0	22
3		2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	22
4		2-Decanone, 5,9-dimethyl-	184	C12H24O	033933-82-3	20
5		7-Oxabicyclo[4.1.0]heptane, 1,5-...	126	C8H14O	162239-52-3	18



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051115\
Data File : BF079151.D
Acq On : 12 May 2015 9:59
Operator : TP/IZ
Sample : G2176-15
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PS-12A(5-10)

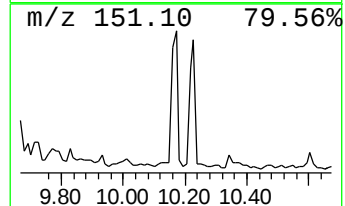
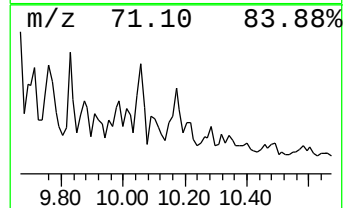
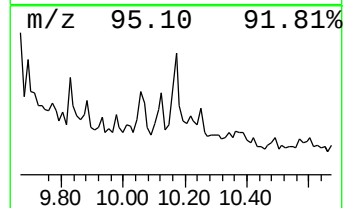
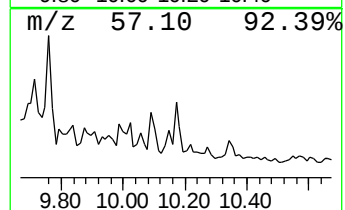
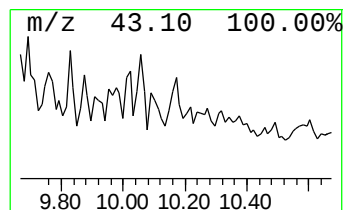
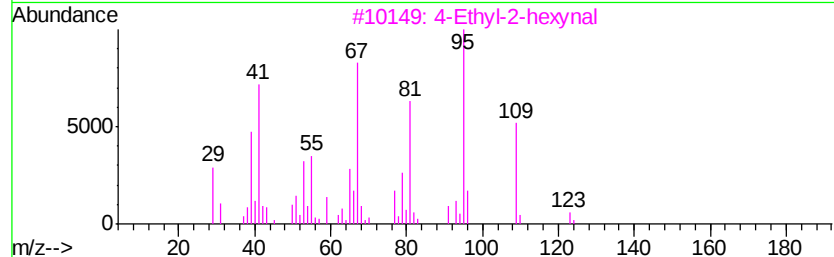
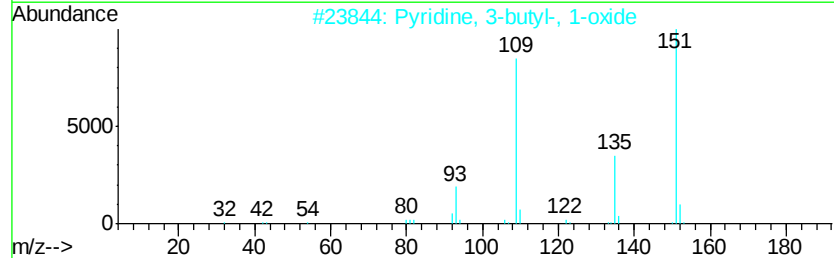
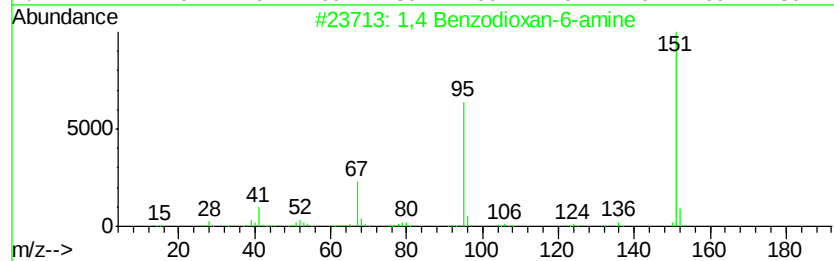
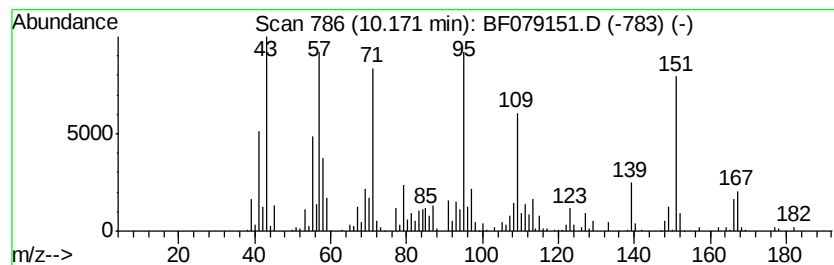
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown10.17 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.17	17.95 ng	495205	Acenaphthene-d10	11.05

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,4 Benzodioxan-6-amine	151	C8H9NO2	022013-33-8	35
2			Pyridine, 3-butyl-, 1-oxide	151	C9H13NO	031396-33-5	25
3			4-Ethyl-2-hexynal	124	C8H12O	071932-97-3	18
4			Bicyclo[3.3.1]nonan-3-one, 7-(am...	167	C10H17NO	056701-31-6	18
5			1H-Imidazo[4,5-b]pyridine-2-thiol	151	C6H5N3S	029448-81-5	11



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051115\
 Data File : BF079151.D
 Acq On : 12 May 2015 9:59
 Operator : TP/IZ
 Sample : G2176-15
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PS-12A(5-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.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
Propane, 2,2-dime...	1.44	47.5	ng	4565950	1	7.30	1921780	20.0
Cyclohexane, 1-et...	7.11	17.1	ng	1643370	1	7.30	1921780	20.0
Octane, 6-ethyl-2...	7.38	30.6	ng	2944110	1	7.30	1921780	20.0
Cyclohexane, (2-m...	7.50	102.5	ng	9853220	1	7.30	1921780	20.0
Cyclohexane, 1-et...	7.53	21.1	ng	2025700	1	7.30	1921780	20.0
unknown7.58	7.58	29.8	ng	2862390	1	7.30	1921780	20.0
Heptane, 4-ethyl-	7.67	84.2	ng	8087520	1	7.30	1921780	20.0
Decane, 4-methyl-	7.70	49.0	ng	4703880	1	7.30	1921780	20.0
Decane, 2-methyl-	7.75	103.8	ng	9971570	1	7.30	1921780	20.0
Naphthalene, deca...	7.79	140.6	ng	13505100	1	7.30	1921780	20.0
Undecane	8.08	101.0	ng	9702800	1	7.30	1921780	20.0
Dichloroacetic ac...	8.22	17.3	ng	6743820	2	8.89	7790780	20.0
Naphthalene, deca...	8.31	29.2	ng	11361500	2	8.89	7790780	20.0
trans-Decalin, 2-...	8.46	39.2	ng	15283500	2	8.89	7790780	20.0
Octane, 4-ethyl-	8.54	29.1	ng	11350500	2	8.89	7790780	20.0
2-Bromo dodecane	8.63	24.3	ng	9464050	2	8.89	7790780	20.0
Undecane, 3-methyl-	8.67	20.3	ng	7895620	2	8.89	7790780	20.0
unknown10.06	10.06	19.5	ng	537775	3	11.05	551839	20.0
unknown10.17	10.17	17.9	ng	495205	3	11.05	551839	20.0