

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093015\
 Data File : BF081915.D
 Acq On : 30 Sep 2015 21:50
 Operator : UM/IZ
 Sample : G3868-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-02(EAST)

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-BF092815.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	2.617	39	42	54	rBV	364279	555601	18.18%	1.405%
2	3.680	132	135	142	rVB	16148	31477	1.03%	0.080%
3	5.097	255	259	268	rBV	933137	1278493	41.83%	3.233%
4	5.497	292	294	297	rBV	1577026	2113800	69.15%	5.345%
5	6.423	374	375	379	rBV	19175	30773	1.01%	0.078%
6	6.526	382	384	387	rBV	1517790	2172922	71.09%	5.495%
7	6.674	394	397	399	rBV	2202086	2494725	81.62%	6.309%
8	6.903	415	417	421	rBV	496172	618312	20.23%	1.564%
9	7.063	428	431	433	rBV	2029893	1976772	64.67%	4.999%
10	7.177	438	441	443	rVB	43627	62347	2.04%	0.158%
11	7.246	445	447	448	rBV	31167	38984	1.28%	0.099%
12	7.292	448	451	453	rBV3	30641	47728	1.56%	0.121%
13	7.326	453	454	457	rVB3	26127	32105	1.05%	0.081%
14	7.440	460	464	465	rBV3	49141	94966	3.11%	0.240%
15	7.474	465	467	469	rBV	1264579	1412213	46.20%	3.571%
16	7.543	471	473	475	rVB2	67237	109940	3.60%	0.278%
17	7.612	475	479	481	rBV	44833	94649	3.10%	0.239%
18	7.680	484	485	486	rBV	70500	57835	1.89%	0.146%
19	7.714	486	488	489	rVB2	43055	56843	1.86%	0.144%
20	7.829	493	498	500	rBV4	76326	145602	4.76%	0.368%
21	7.863	500	501	503	rVB2	43975	53158	1.74%	0.134%
22	7.932	505	507	509	rBV2	37469	55306	1.81%	0.140%
23	8.012	512	514	516	rVB	39214	55568	1.82%	0.141%
24	8.057	516	518	520	rBV	68979	102244	3.34%	0.259%
25	8.126	522	524	525	rBV2	23724	41122	1.35%	0.104%
26	8.194	525	530	532	rBV	668734	865367	28.31%	2.188%
27	8.252	533	535	536	rVB	239494	323612	10.59%	0.818%
28	8.274	536	537	541	rVB3	94988	135195	4.42%	0.342%
29	8.343	541	543	544	rBV2	47666	57273	1.87%	0.145%
30	8.389	546	547	551	rVB2	129636	122087	3.99%	0.309%
31	8.480	551	555	557	rBV4	123168	244138	7.99%	0.617%
32	8.526	557	559	561	rBV2	44798	75701	2.48%	0.191%
33	8.572	561	563	564	rVB	73459	70914	2.32%	0.179%
34	8.606	564	566	567	rBV	457271	392832	12.85%	0.993%

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 Sampling : 1
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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.697	572	574	575 rBV2	46504	59256	1.94%	0.150%
36	8.732	575	577	580 rBV3	78647	161372	5.28%	0.408%
37	8.777	580	581	583 rBV	43437	78189	2.56%	0.198%
38	8.869	588	589	591 rVB2	136610	181997	5.95%	0.460%
39	8.937	593	595	596 rVB2	67795	59343	1.94%	0.150%
40	8.972	596	598	600 rBV3	84634	189173	6.19%	0.478%
41	9.063	605	606	607 rBV	85171	84338	2.76%	0.213%
42	9.097	607	609	611 rVB3	88871	95370	3.12%	0.241%
43	9.132	611	612	615 rBV3	65179	93589	3.06%	0.237%
44	9.212	617	619	621 rBV	484173	541081	17.70%	1.368%
45	9.269	621	624	626 rBV	2924281	2781525	91.00%	7.034%
46	9.349	628	631	633 rVV2	200198	279173	9.13%	0.706%
47	9.406	633	636	639 rVB5	80117	203924	6.67%	0.516%
48	9.463	639	641	644 rBV2	47890	62228	2.04%	0.157%
49	9.532	646	647	650 rVV3	83324	112487	3.68%	0.284%
50	9.600	652	653	656 rVV3	91181	163554	5.35%	0.414%
51	9.657	656	658	660 rVV	858971	1182593	38.69%	2.991%
52	9.692	660	661	662 rVV	86948	68172	2.23%	0.172%
53	9.737	662	665	669 rVB4	96719	243010	7.95%	0.615%
54	9.806	669	671	673 rBV3	143582	148994	4.87%	0.377%
55	9.852	673	675	677 rBV3	123176	130066	4.26%	0.329%
56	9.943	681	683	685 rVV	881828	929071	30.39%	2.349%
57	9.977	685	686	688 rVV2	75957	114521	3.75%	0.290%
58	10.046	691	692	694 rBV2	105367	154492	5.05%	0.391%
59	10.092	694	696	698 rVB2	40231	44612	1.46%	0.113%
60	10.137	698	700	703 rBV2	150936	243328	7.96%	0.615%
61	10.195	703	705	709 rVB4	186249	310702	10.16%	0.786%
62	10.263	709	711	712 rBV	247177	266013	8.70%	0.673%
63	10.343	717	718	722 rVB	1149449	1492581	48.83%	3.774%
64	10.435	724	726	728 rVB3	73238	105476	3.45%	0.267%
65	10.480	728	730	732 rBV3	87562	188601	6.17%	0.477%
66	10.595	737	740	743 rVB	578208	728258	23.83%	1.842%
67	10.640	743	744	747 rVB3	81265	142201	4.65%	0.360%
68	10.732	750	752	755 rBV2	1183379	1485023	48.58%	3.755%
69	10.858	761	763	767 rVB	1215489	1193683	39.05%	3.019%
70	10.926	767	769	774 rBV3	90494	261140	8.54%	0.660%
71	11.040	776	779	780 rVV2	97170	205456	6.72%	0.520%

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72	11.075	780	782	788	rVB6	167559	371893	12.17%	0.940%
73	11.189	790	792	795	rVB2	73161	128439	4.20%	0.325%
74	11.326	802	804	807	rVB	641314	747059	24.44%	1.889%
75	11.429	811	813	820	rBV	742643	1013341	33.15%	2.563%
76	11.543	821	823	826	rBV4	51080	82547	2.70%	0.209%
77	11.669	832	834	837	rBV2	167337	215249	7.04%	0.544%
78	11.761	840	842	848	rVB4	101555	230505	7.54%	0.583%
79	11.932	856	857	862	rBV3	50065	128864	4.22%	0.326%
80	12.046	865	867	871	rVV3	67681	131448	4.30%	0.332%
81	12.161	875	877	879	rVB2	27610	33166	1.09%	0.084%
82	12.412	897	899	903	rVB2	62991	94191	3.08%	0.238%
83	12.481	903	905	907	rBV	61340	60784	1.99%	0.154%
84	12.652	918	920	925	rVB3	40012	69755	2.28%	0.176%
85	12.892	937	941	943	rBV2	24581	45681	1.49%	0.116%
86	13.018	950	952	965	rVB	2567880	3056658	100.00%	7.730%
87	13.909	1028	1030	1040	rBV	60609	177200	5.80%	0.448%
88	14.046	1040	1042	1043	rVV	86458	114624	3.75%	0.290%
89	14.069	1043	1044	1056	rVB	617210	804099	26.31%	2.033%
90	14.698	1097	1099	1101	rBV	679093	638540	20.89%	1.615%
91	15.521	1169	1171	1182	rBV	320336	595678	19.49%	1.506%

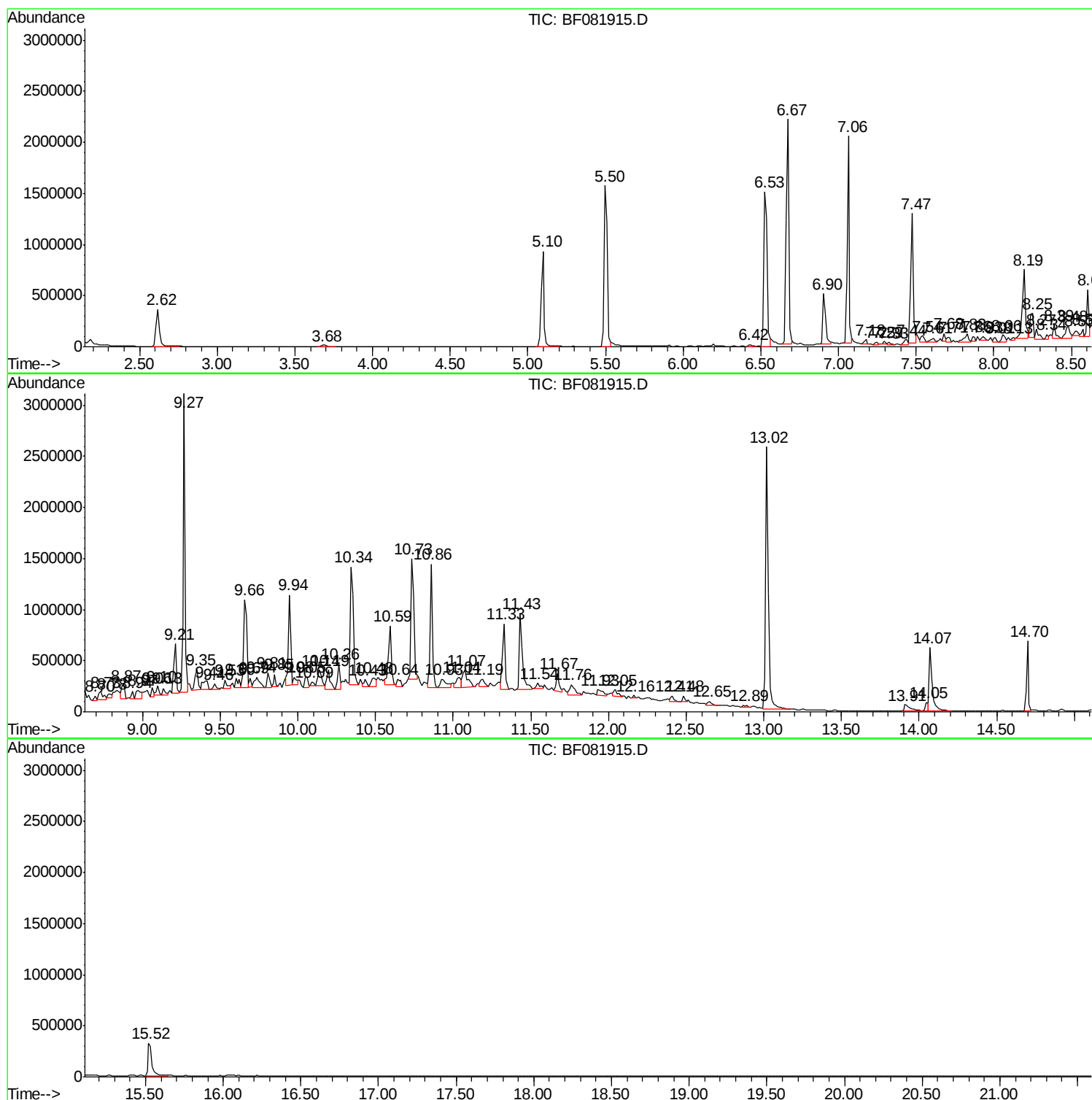
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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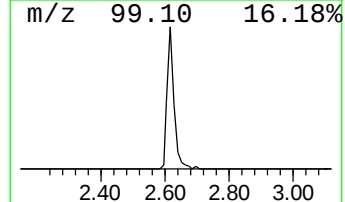
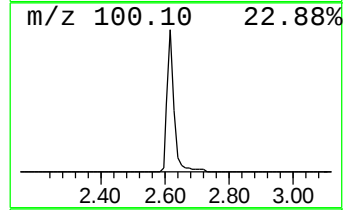
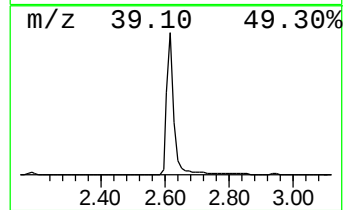
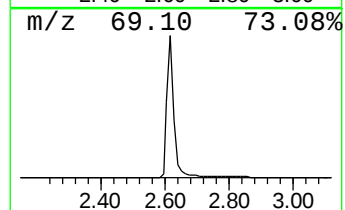
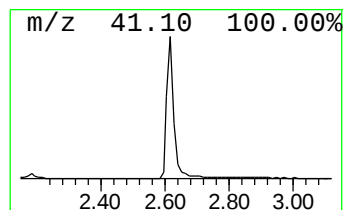
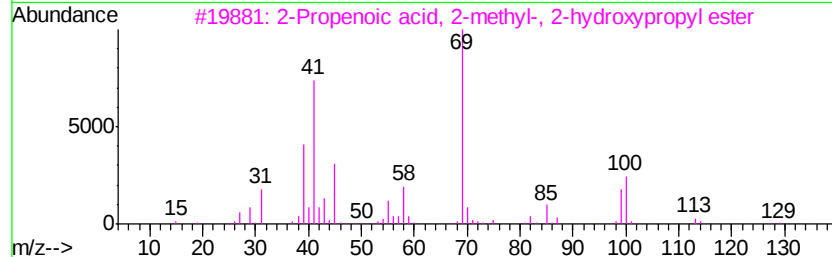
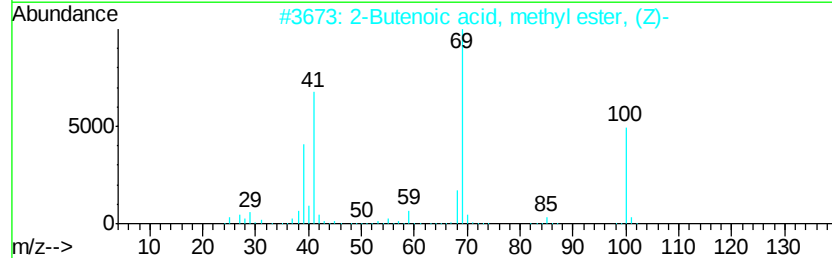
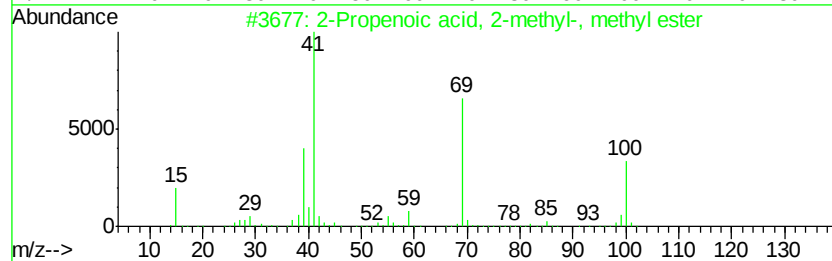
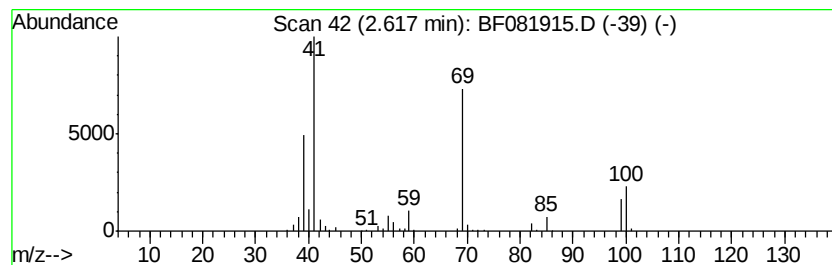
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Propenoic acid, 2-methyl-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.62	17.97 ng	555601	1,4-Dichlorobenzene-d4	6.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Propenoic acid, 2-methyl-, met...	100	C5H8O2	000080-62-6	80
2		2-Butenoic acid, methyl ester, (Z)-	100	C5H8O2	004358-59-2	64
3		2-Propenoic acid, 2-methyl-, 2-h...	144	C7H12O3	000923-26-2	56
4		2-Butenoic acid, methyl ester, (E)-	100	C5H8O2	000623-43-8	50
5		Cyclopropanecarboxylic acid, met...	100	C5H8O2	002868-37-3	33



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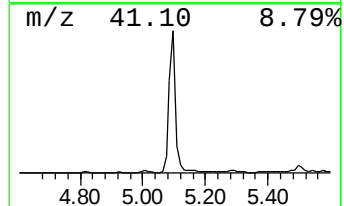
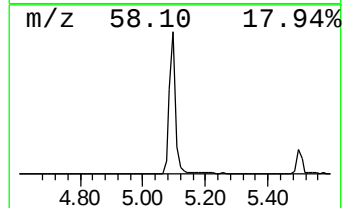
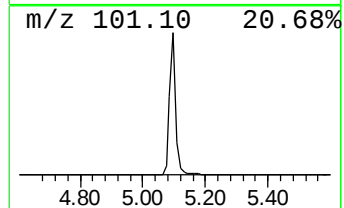
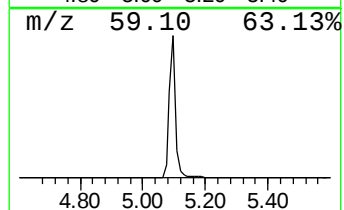
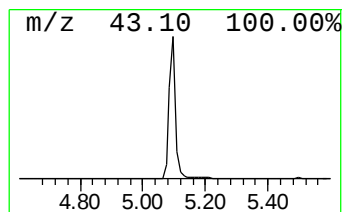
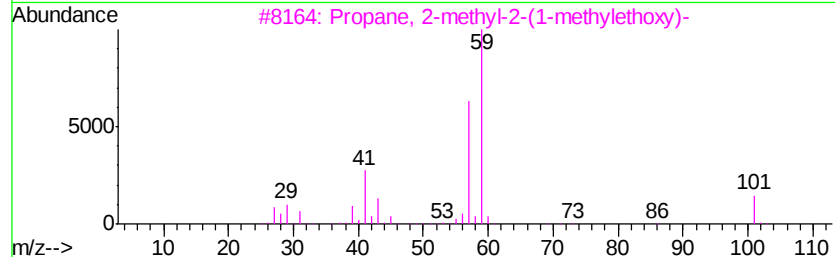
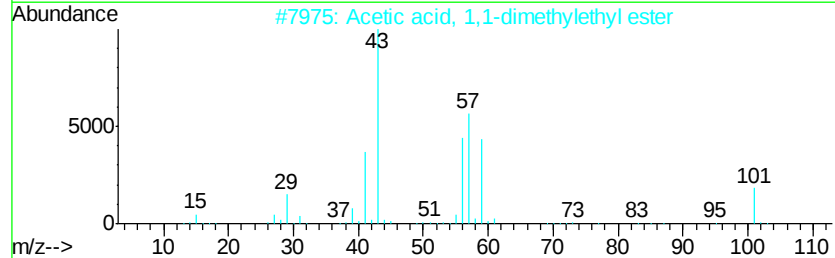
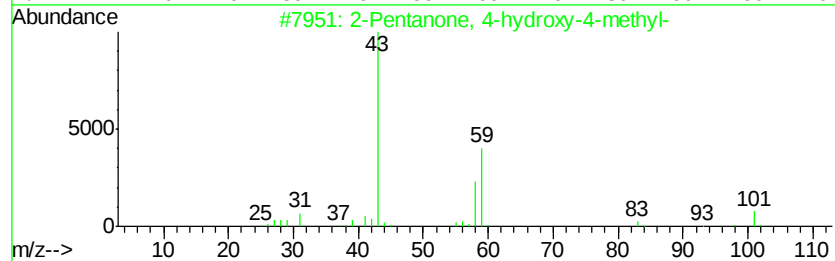
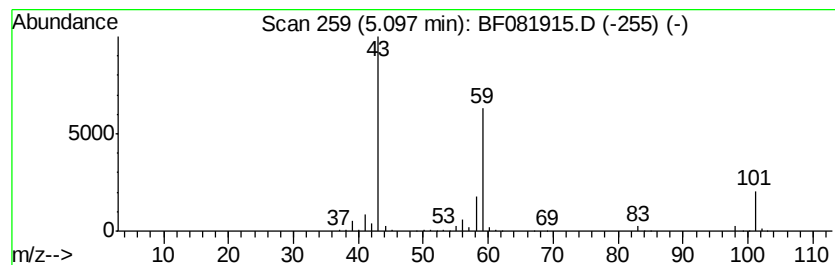
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.10	41.35 ng	1278490	1,4-Dichlorobenzene-d4	6.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
4			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5			Acetone	58	C3H6O	000067-64-1	9



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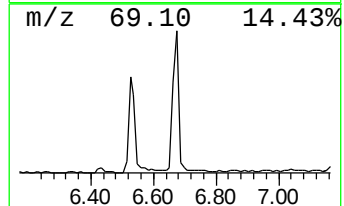
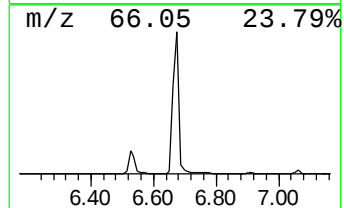
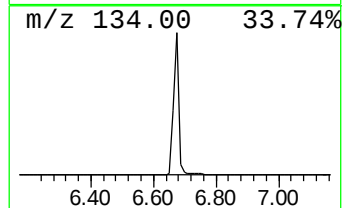
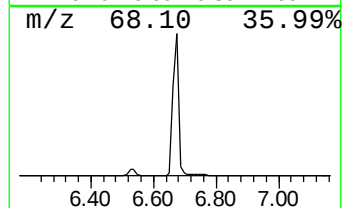
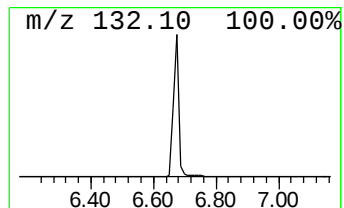
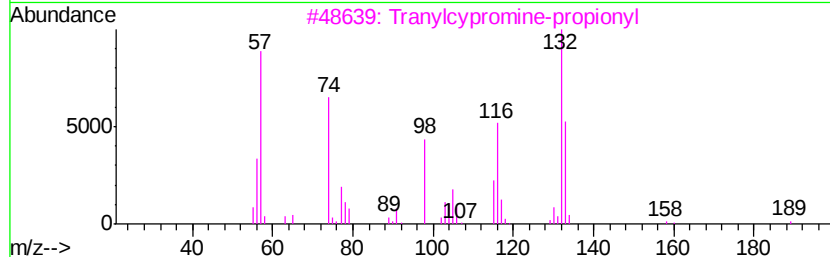
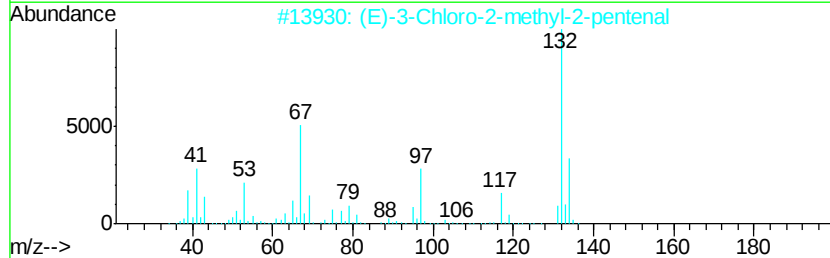
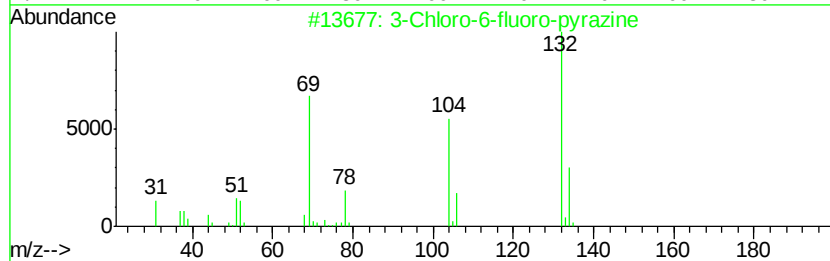
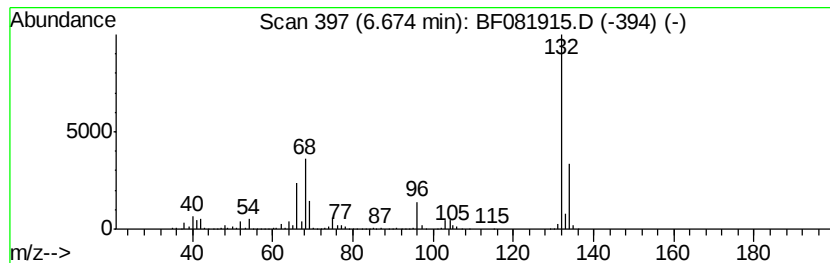
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown6.67 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	80.69 ng	2494730	1,4-Dichlorobenzene-d4	6.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		5-Aminoindole	132	C8H8N2	005192-03-0	12
5		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9



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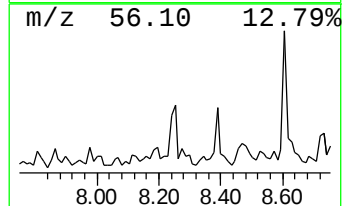
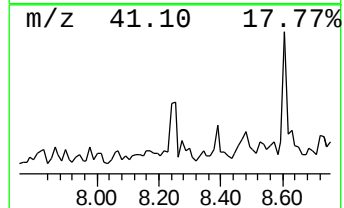
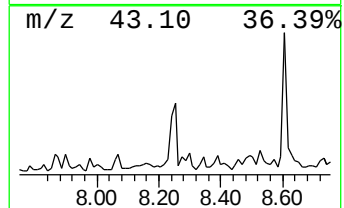
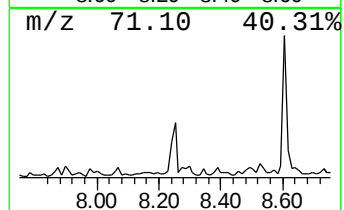
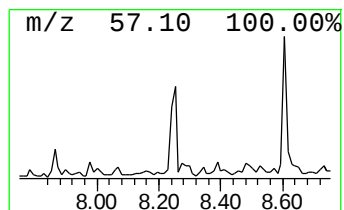
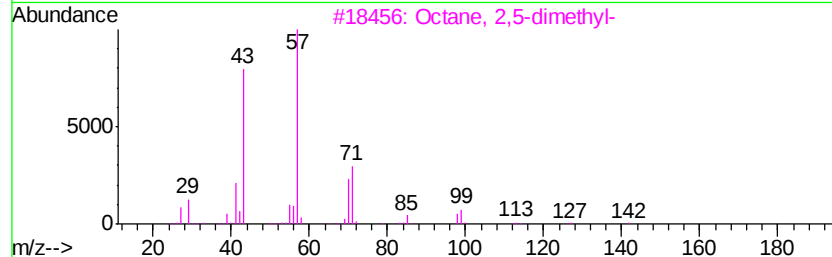
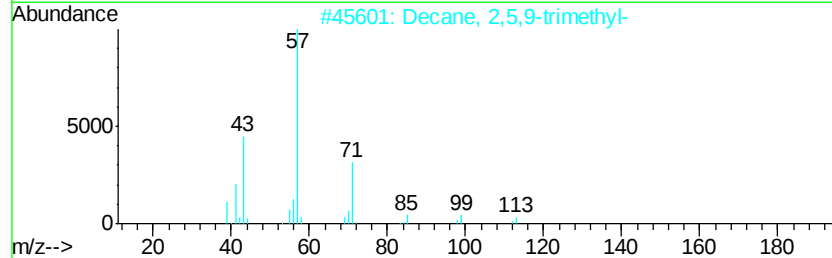
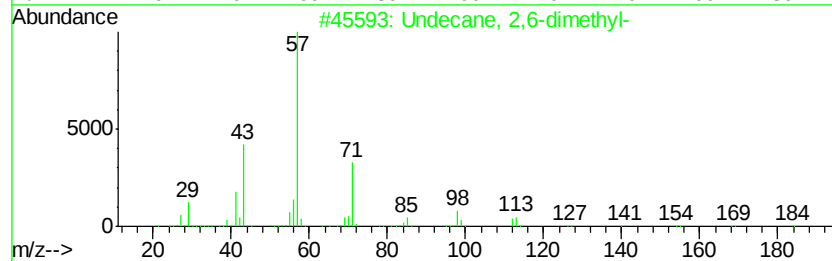
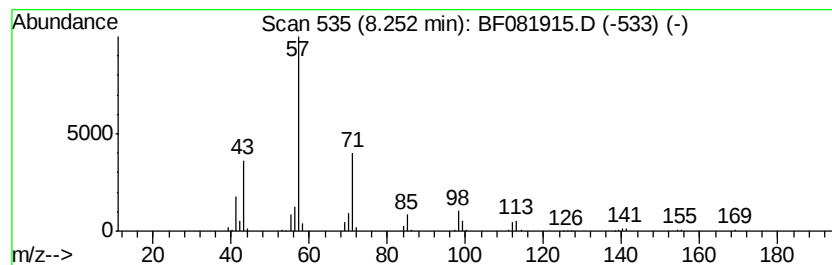
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Undecane, 2,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.25	7.48 ng	323612	Napthalene-d8	8.19

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	90	
2	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	72	
3	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	64	
4	Tridecane, 7-methyl-	198	C14H30	026730-14-3	59	
5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	59	



Data Path : Z:\HPCHEM1\BNA F\DATA\BF093015\
Data File : BF081915.D
Acq On : 30 Sep 2015 21:50
Operator : UM/IZ
Sample : G3868-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-02(EAST)

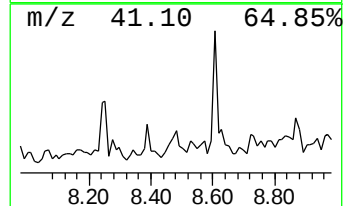
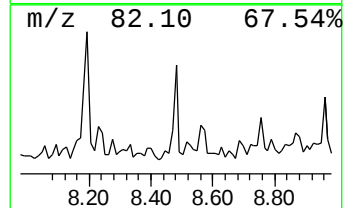
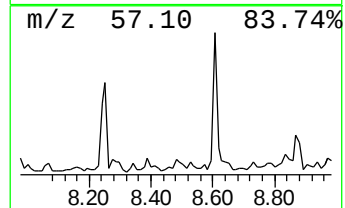
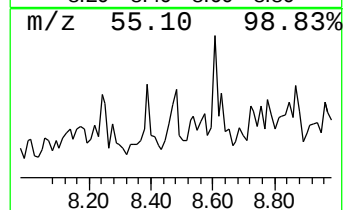
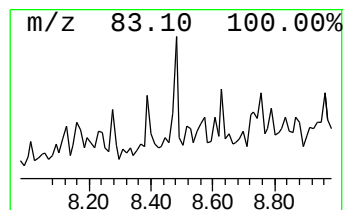
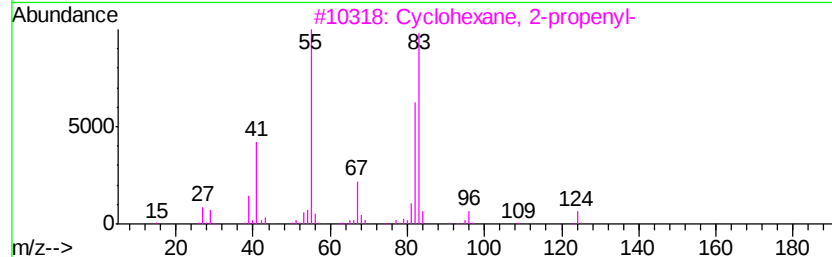
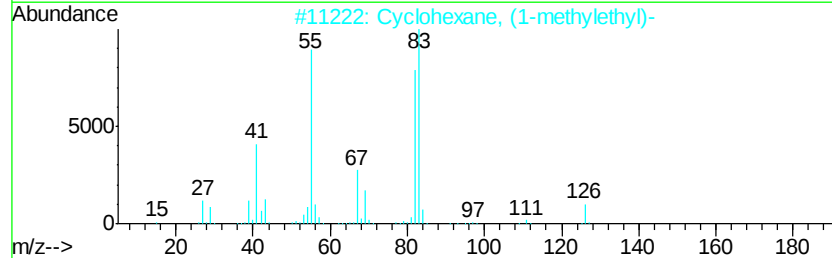
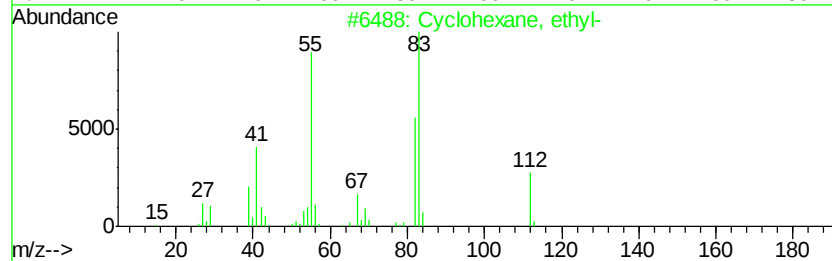
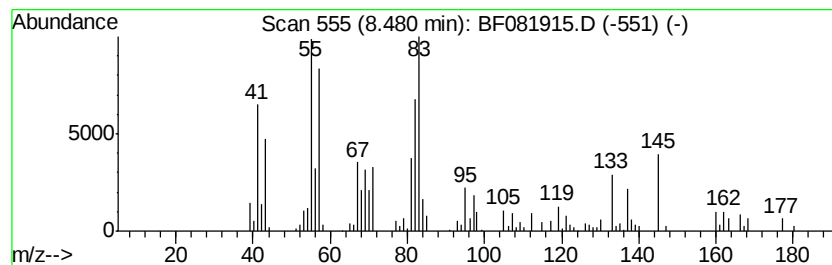
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown8.48 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.48	5.64 ng	244138	Napthalene-d8	8.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, ethyl-	112	C8H16	001678-91-7	38
2		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	38
3		Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	35
4		Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	35
5		Acetic acid, mercapto-, cyclohex...	174	C8H14O2S	016849-98-2	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093015\
Data File : BF081915.D
Acq On : 30 Sep 2015 21:50
Operator : UM/IZ
Sample : G3868-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-02(EAST)

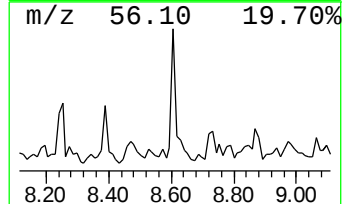
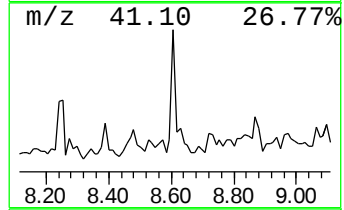
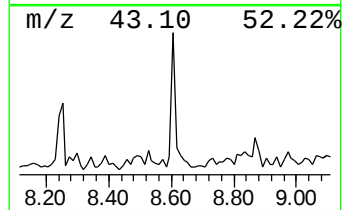
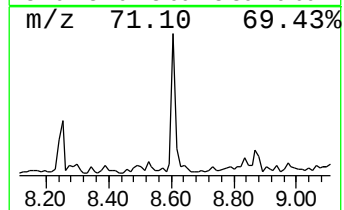
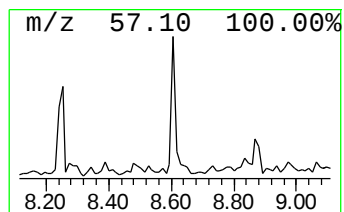
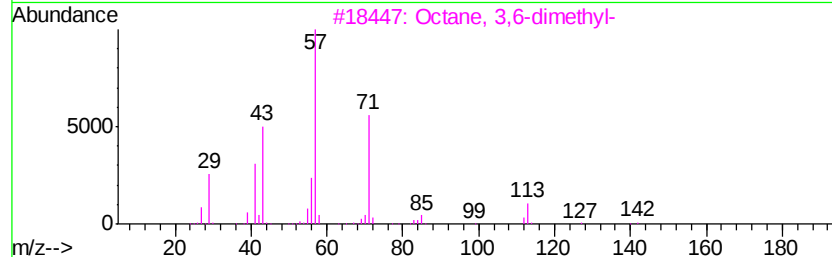
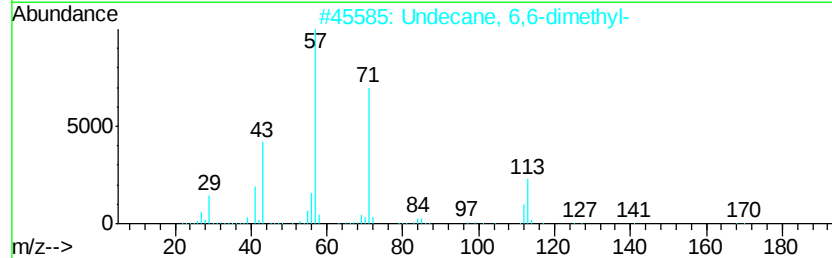
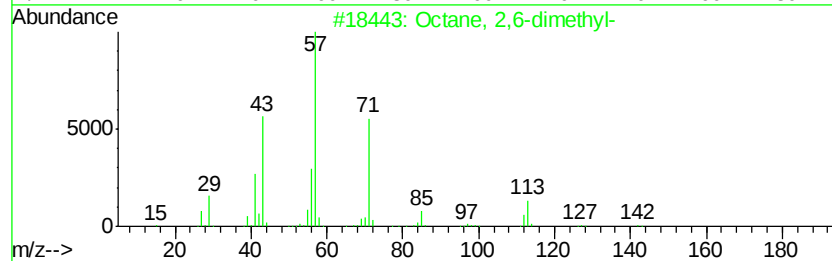
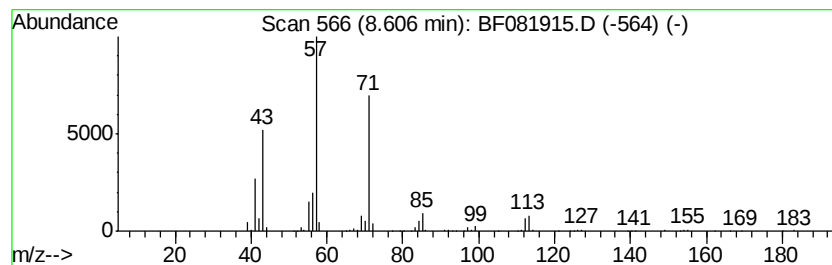
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octane, 2,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.61	9.08 ng	392832	Naphthalene-d8	8.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
2		Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	78
3		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
4		Nonane, 3-methyl-	142	C10H22	005911-04-6	72
5		Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093015\
Data File : BF081915.D
Acq On : 30 Sep 2015 21:50
Operator : UM/IZ
Sample : G3868-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-02(EAST)

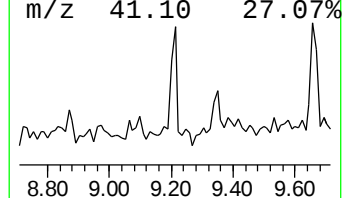
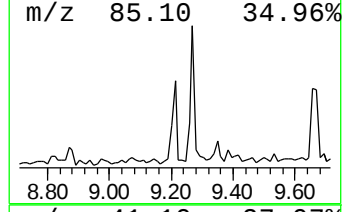
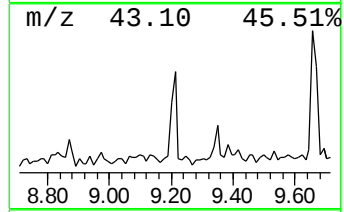
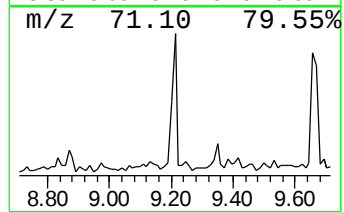
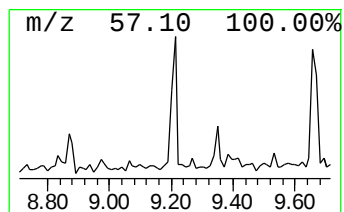
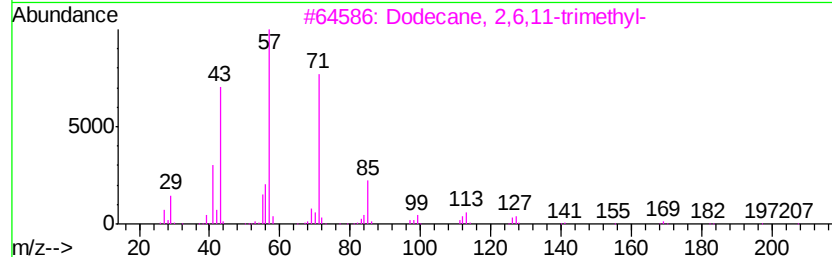
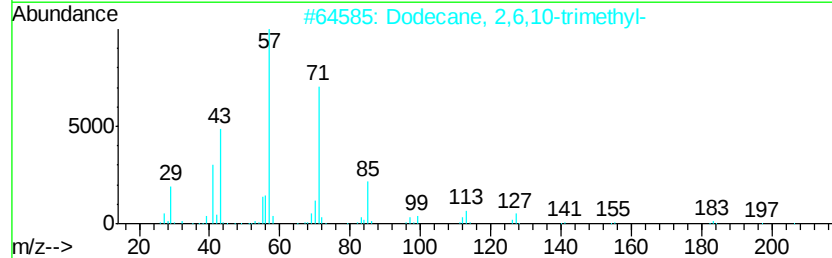
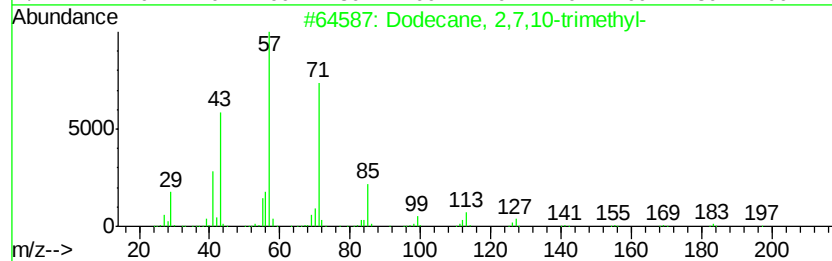
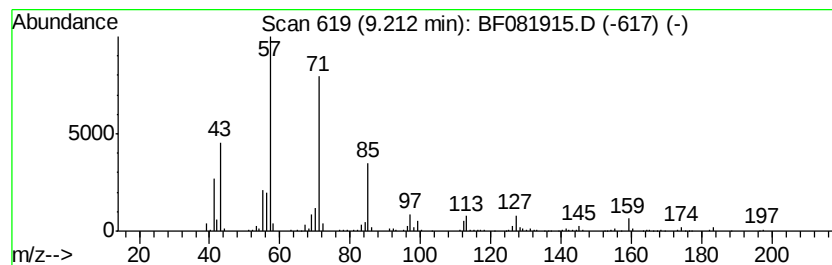
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Dodecane, 2,7,10-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.21	11.65 ng	541081	Acenaphthene-d10	9.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	91
2		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
3		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	83
4		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
5		Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF093015\
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Sample : G3868-06
Misc :
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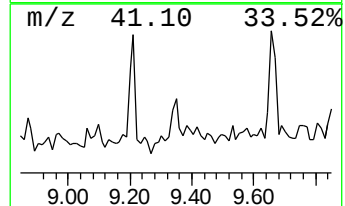
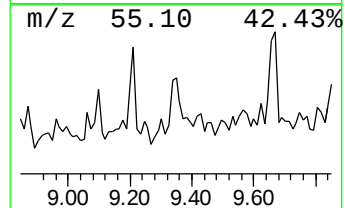
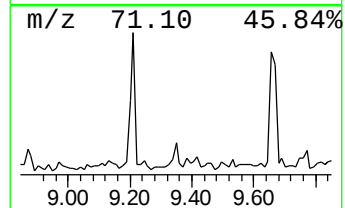
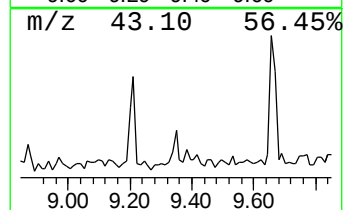
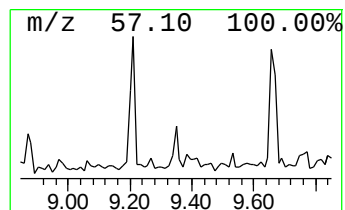
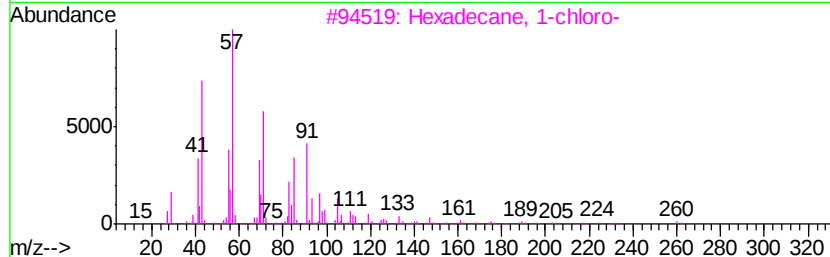
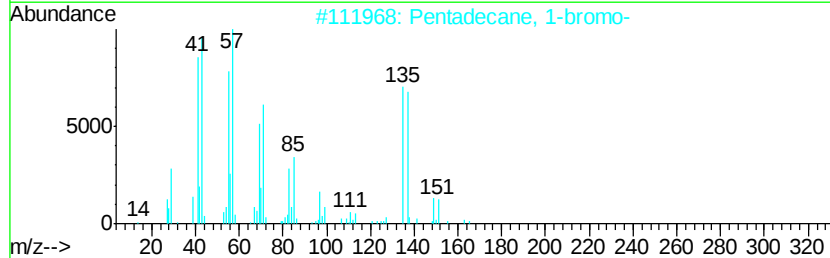
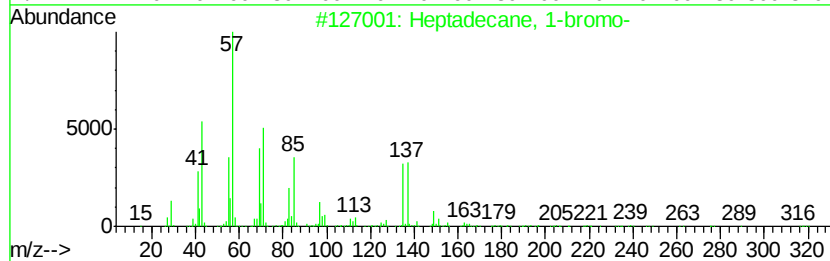
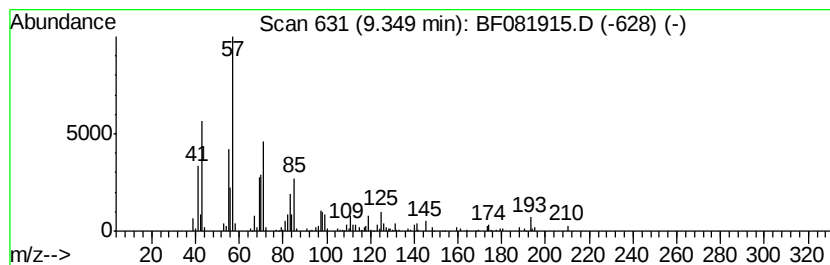
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ClientSampleId :
SB-02(EAST)

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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 Heptadecane, 1-bromo- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.35	6.01 ng	279173	Acenaphthene-d10	9.94	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 1-bromo-	318	C17H35Br	003508-00-7	59
2	Pentadecane, 1-bromo-	290	C15H31Br	000629-72-1	58
3	Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	53
4	Tridecane, 1-bromo-	262	C13H27Br	000765-09-3	50
5	Nonane, 2-methyl-	142	C10H22	000871-83-0	49



Data Path : Z:\HPCHEM1\BNA F\DATA\BF093015\
Data File : BF081915.D
Acq On : 30 Sep 2015 21:50
Operator : UM/IZ
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-02(EAST)

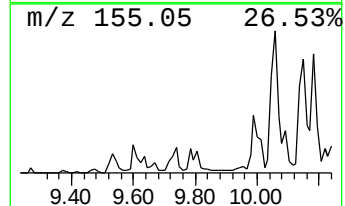
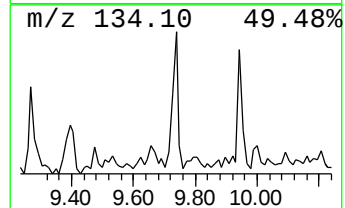
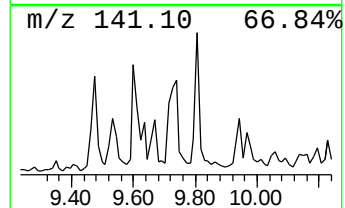
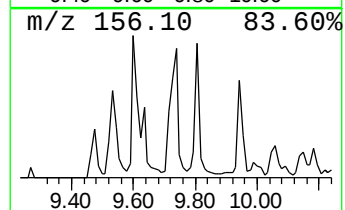
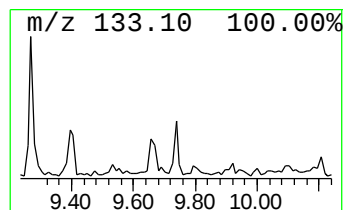
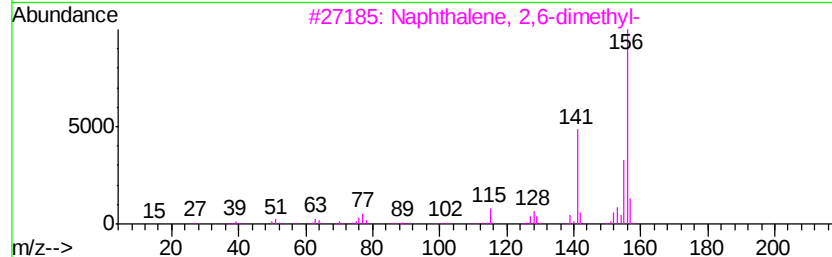
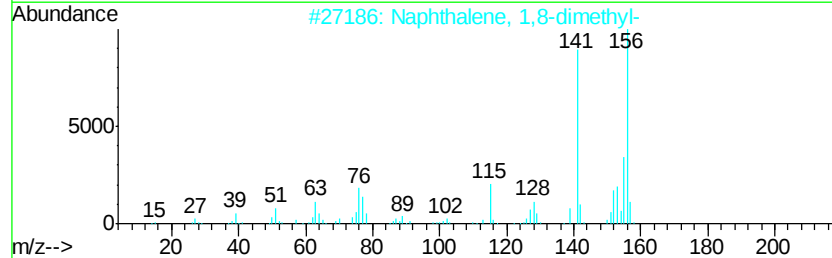
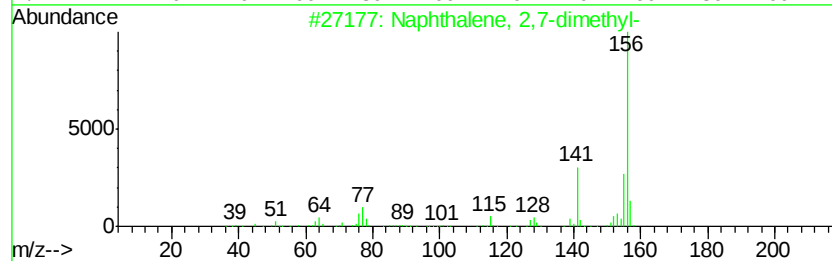
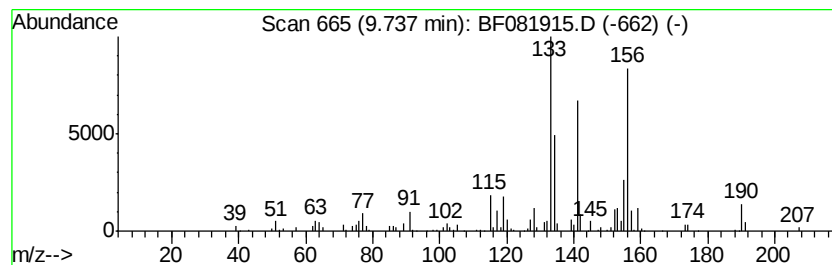
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 2,7-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.74	5.23 ng	243010	Acenaphthene-d10	9.94

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	89
2			Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	83
3			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	70
4			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	64
5			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF093015\
Data File : BF081915.D
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ClientSampleId :
SB-02(EAST)

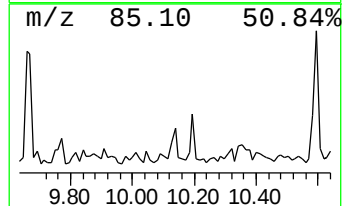
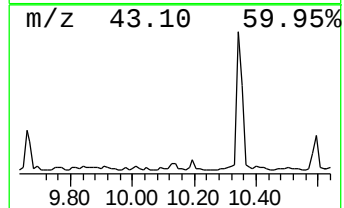
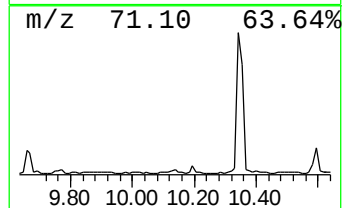
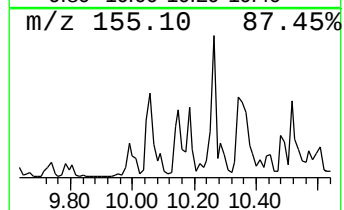
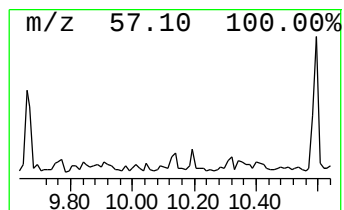
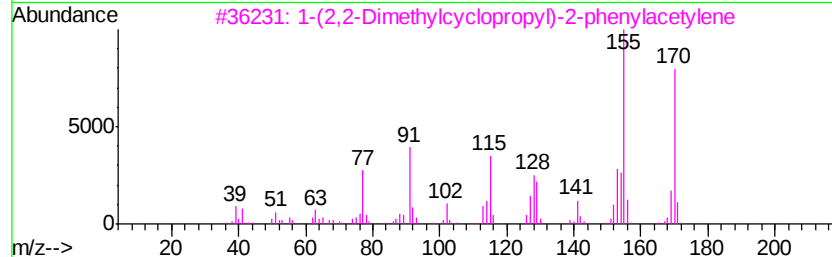
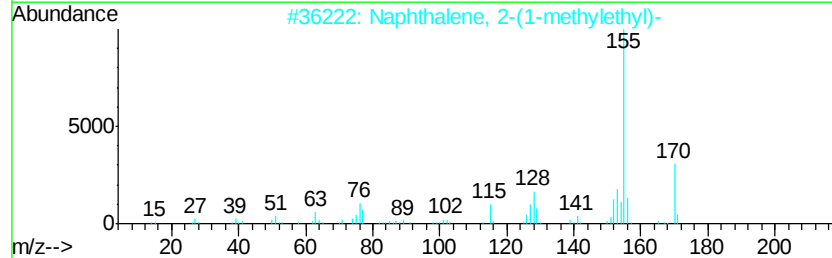
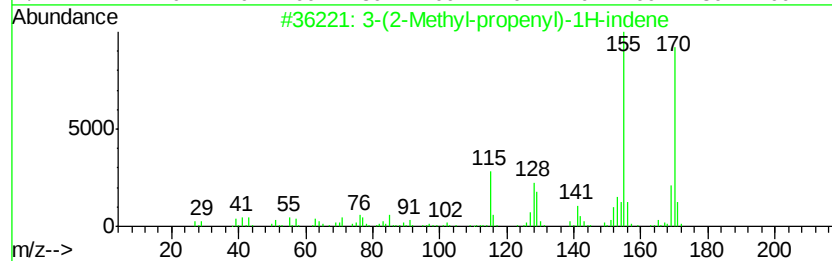
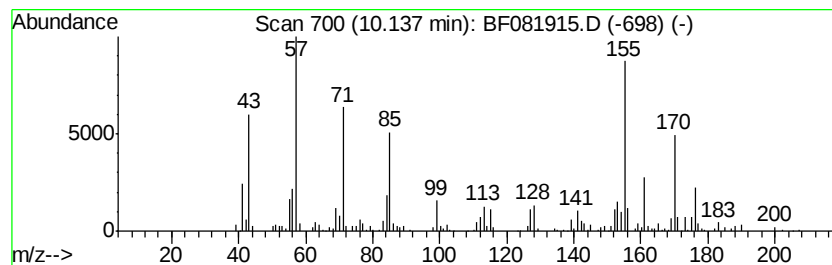
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 3-(2-Methyl-propenyl)-1H-in... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.14	5.24 ng	243328	Acenaphthene-d10	9.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	55
2		Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	55
3		1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	43
4		1-Chloromethyl-4-methylnaphthalene	190	C12H11Cl	005261-50-7	42
5		Naphthalene, 1-(1-methylethyl)-	170	C13H14	006158-45-8	42



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Acq On : 30 Sep 2015 21:50
Operator : UM/IZ
Sample : G3868-06
Misc :
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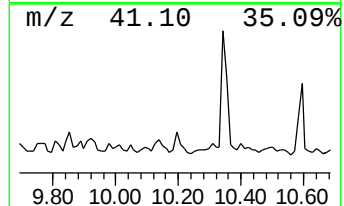
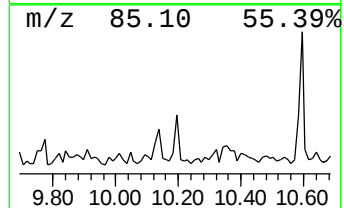
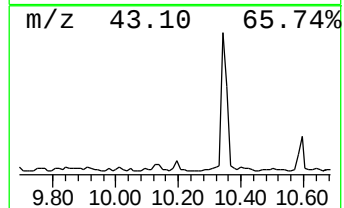
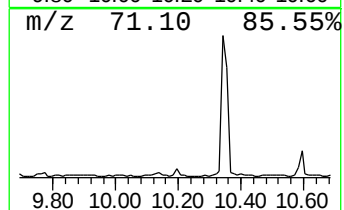
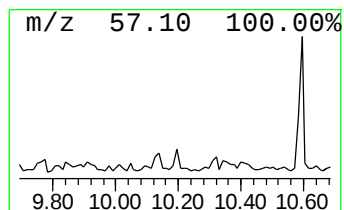
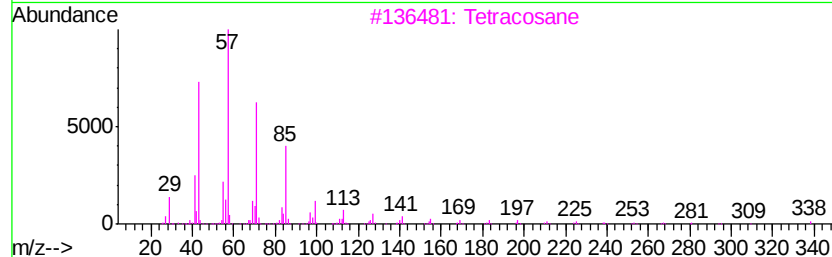
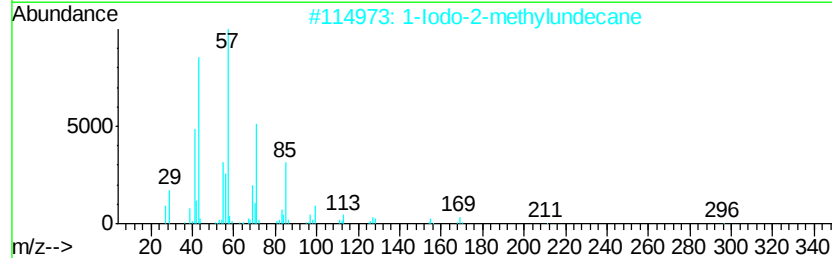
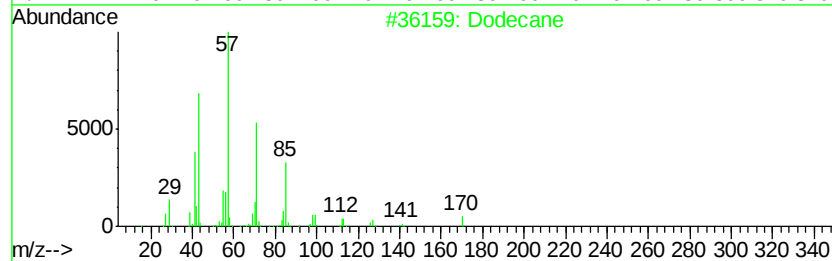
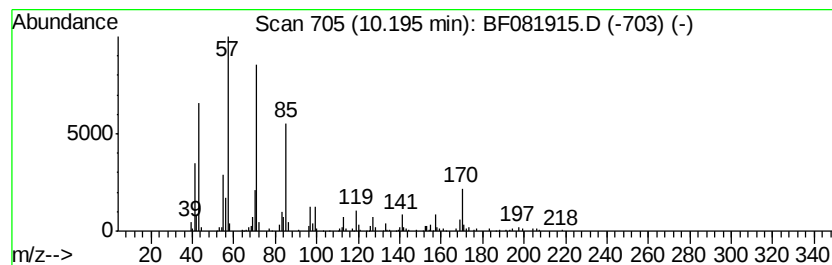
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Dodecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.19	6.69 ng	310702	Acenaphthene-d10	9.94
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dodecane	170 C12H26	000112-40-3	83
2	1-Iodo-2-methylundecane	296 C12H25I	073105-67-6	64
3	Tetracosane	338 C24H50	000646-31-1	64
4	Pentadecane, 8-hexyl-	296 C21H44	013475-75-7	59
5	Hexadecane	226 C16H34	000544-76-3	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093015\
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ClientSampleId :
SB-02(EAST)

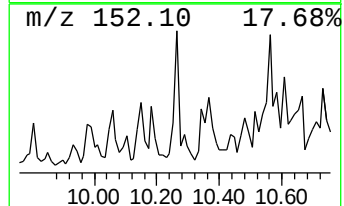
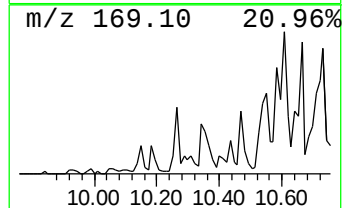
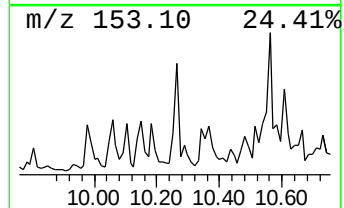
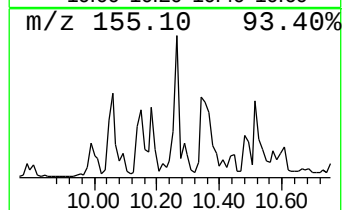
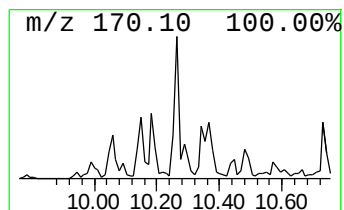
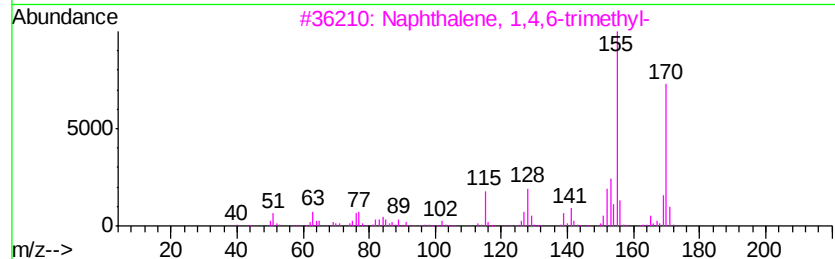
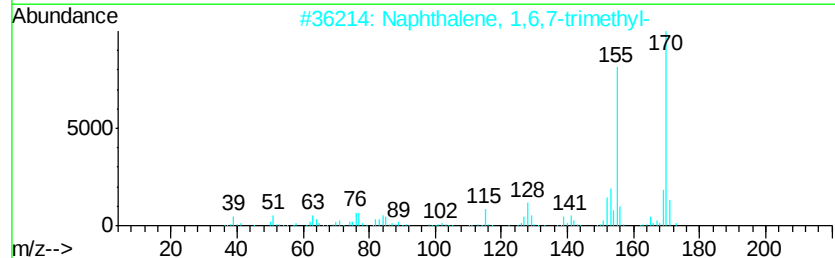
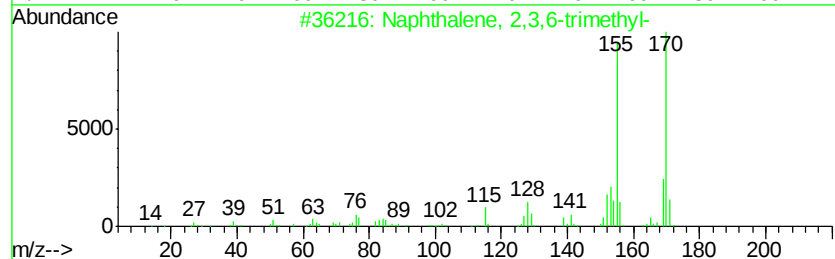
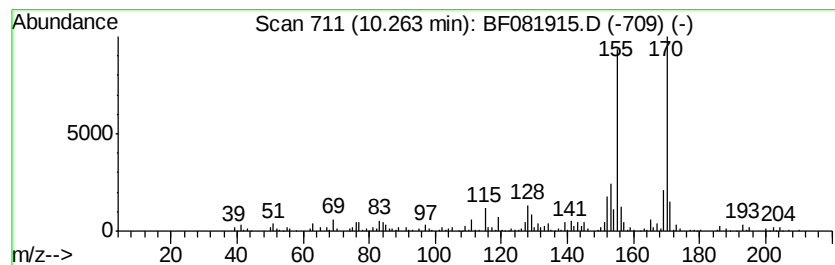
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 2,3,6-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.26	5.73 ng	266013	Acenaphthene-d10	9.94

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
4			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
5			1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF093015\
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SB-02(EAST)

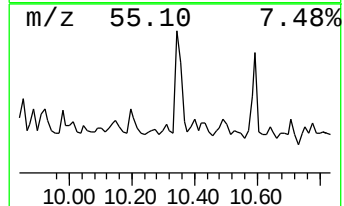
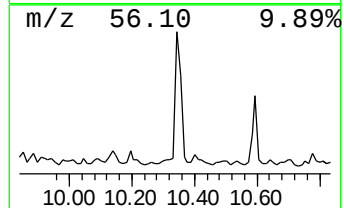
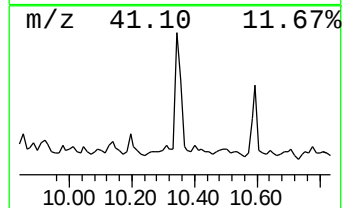
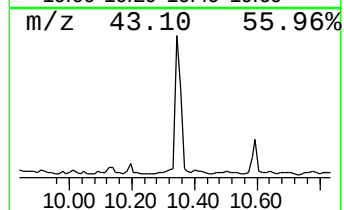
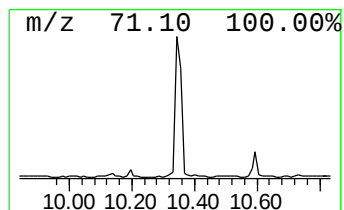
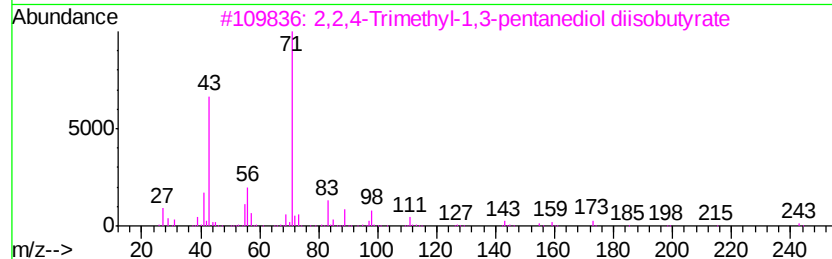
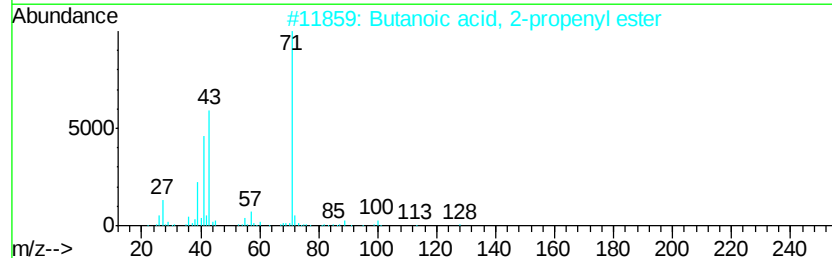
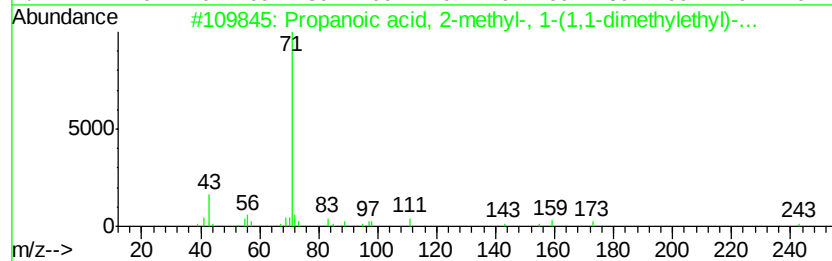
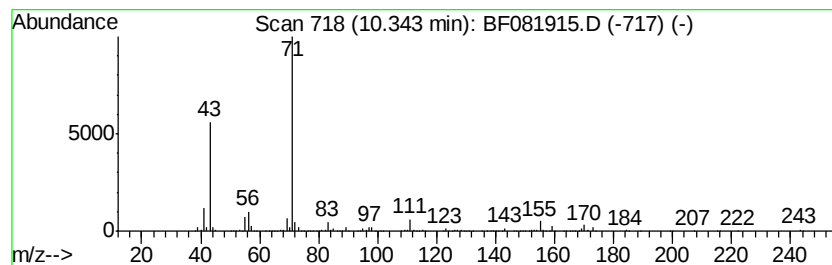
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Propanoic acid, 2-methyl-, ... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.34	32.13 ng	1492580	Acenaphthene-d10	9.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propanoic acid, 2-methyl-, 1-(1,...	286	C16H30O4	074381-40-1	72
2		Butanoic acid, 2-propenyl ester	128	C7H12O2	002051-78-7	53
3		2,2,4-Trimethyl-1,3-pentanediol ...	286	C16H30O4	006846-50-0	50
4		Butanoic acid, 2-butoxy-1-methyl...	216	C11H20O4	007492-70-8	50
5		4-Hexen-3-ol, 2-methyl-	114	C7H14O	004798-60-1	42



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093015\
Data File : BF081915.D
Acq On : 30 Sep 2015 21:50
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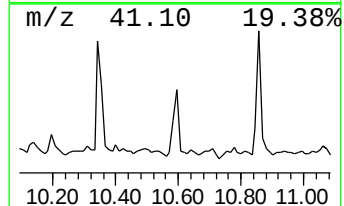
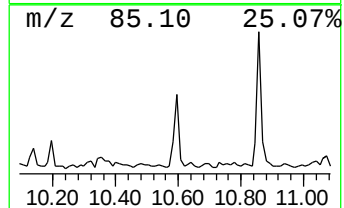
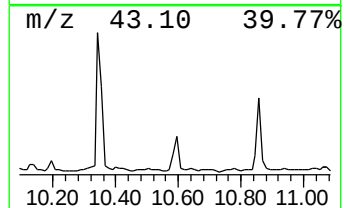
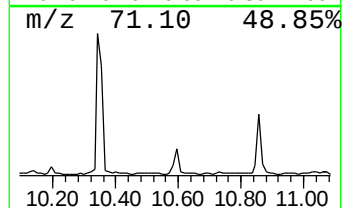
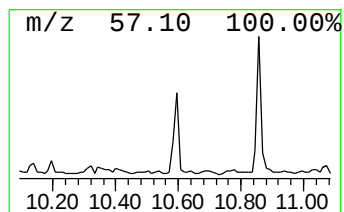
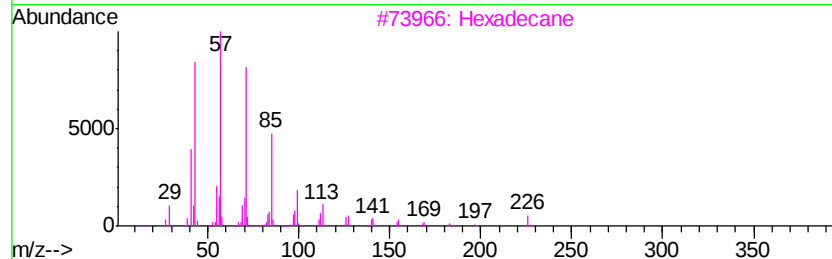
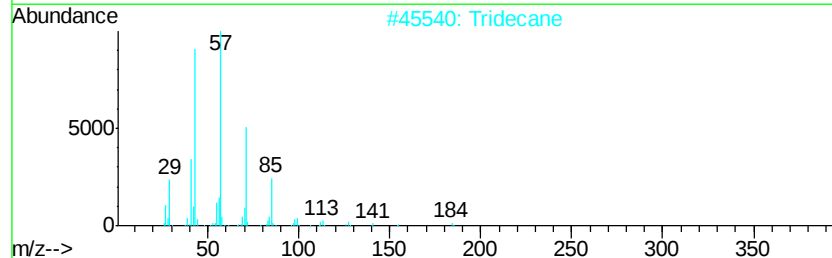
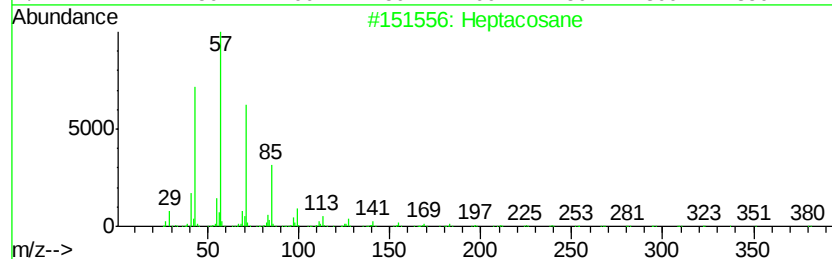
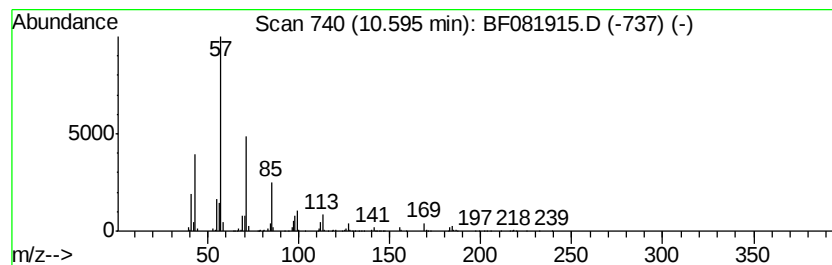
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Heptacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.59	15.68 ng	728258	Acenaphthene-d10	9.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	86
2		Tridecane	184	C13H28	000629-50-5	80
3		Hexadecane	226	C16H34	000544-76-3	80
4		Eicosane	282	C20H42	000112-95-8	78
5		Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	76



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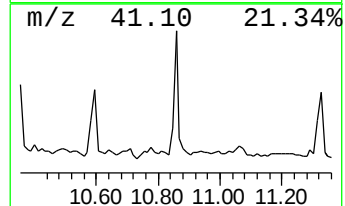
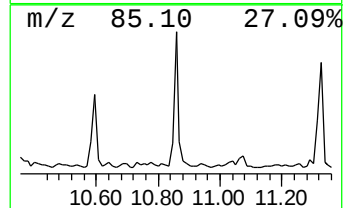
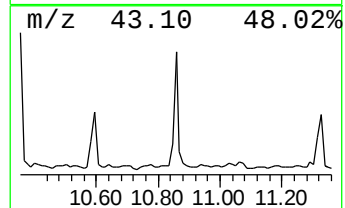
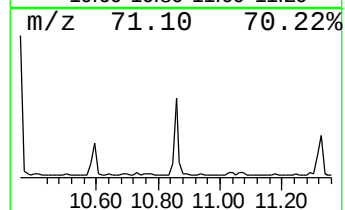
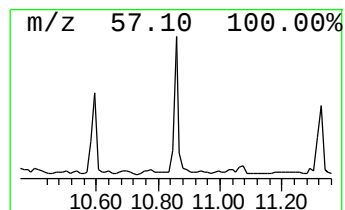
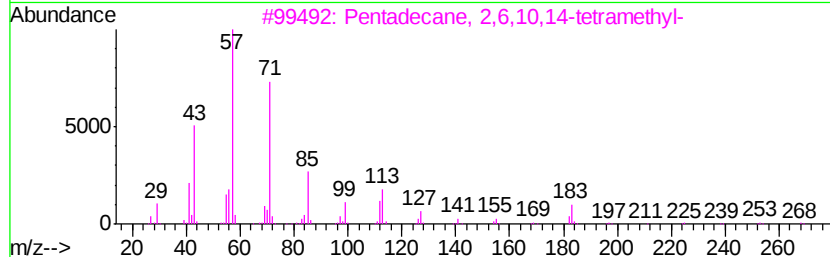
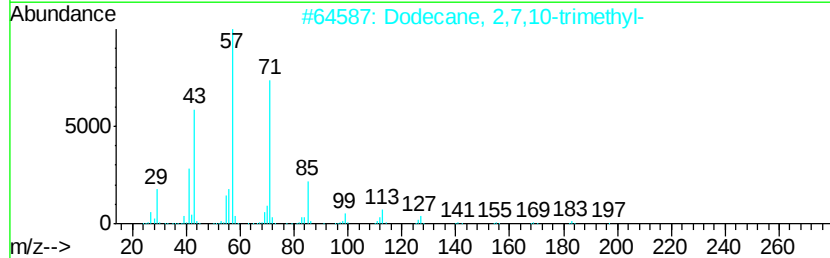
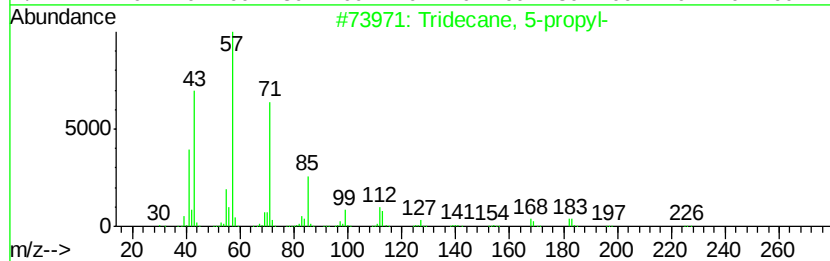
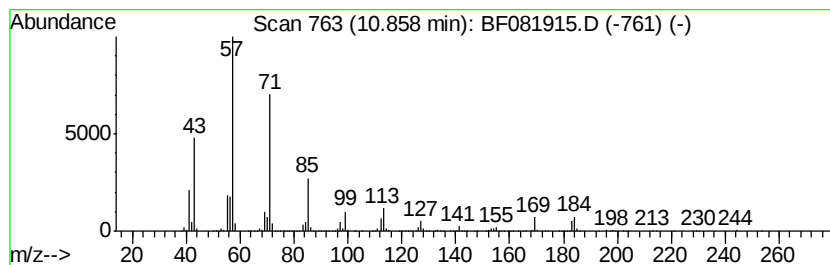
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Tridecane, 5-propyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.86	23.56 ng	1193680	Phenanthrene-d10	11.43	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	86
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
3	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	72
4	Tridecane, 2-methyl-	198	C14H30	001560-96-9	72
5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64



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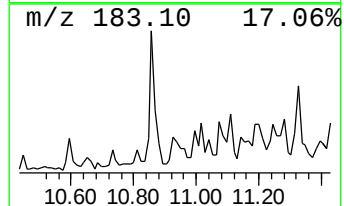
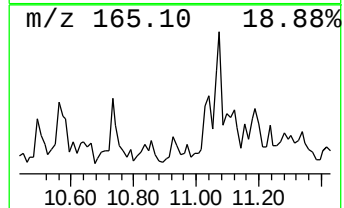
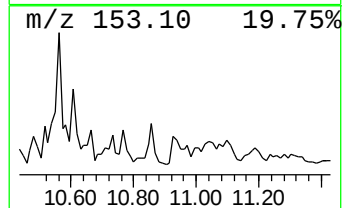
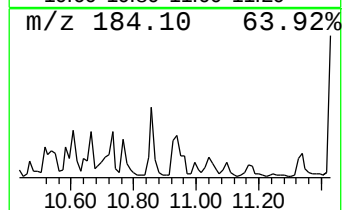
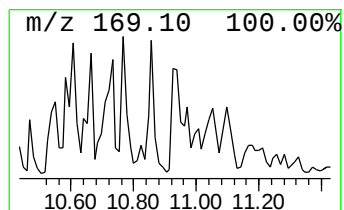
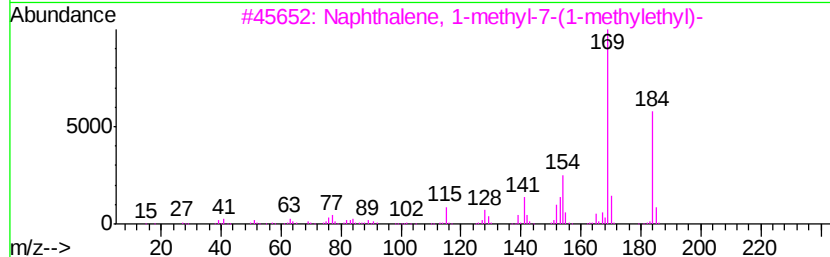
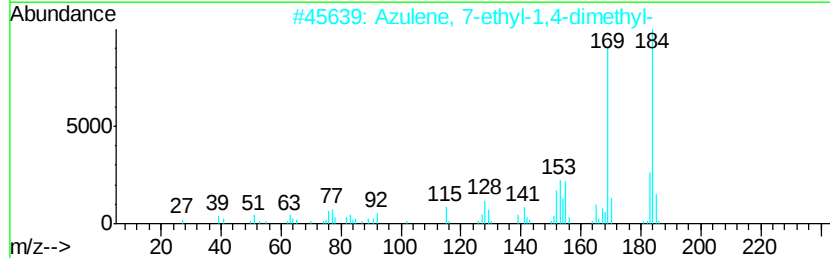
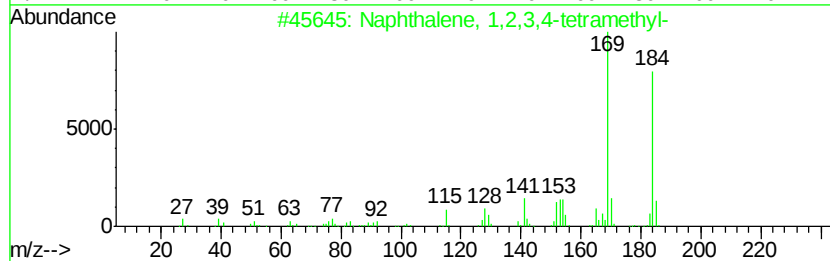
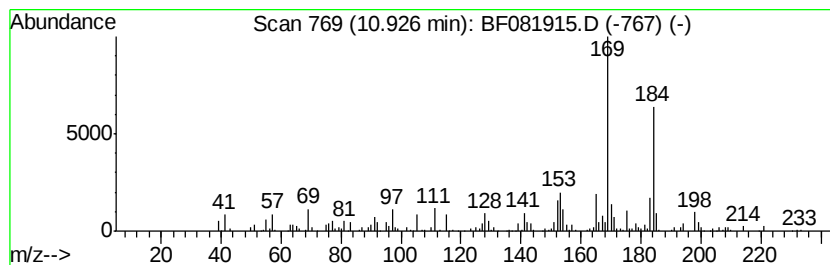
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Naphthalene, 1,2,3,4-tetram... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.93	5.15 ng	261140	Phenanthrene-d10	11.43

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	87
2			Azulene, 7-ethyl-1,4-dimethyl-	184	C14H16	000529-05-5	83
3			Naphthalene, 1-methyl-7-(1-methv...	184	C14H16	000490-65-3	76
4			2,4,6(1H,3H,5H)-Pyrimidinetrione...	226	C11H18N2O3	069855-52-3	59
5			2,4,6(1H,3H,5H)-Pyrimidinetrione...	240	C12H20N2O3	055134-03-7	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF093015\
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Acq On : 30 Sep 2015 21:50
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Misc :
ALS Vial : 6 Sample Multiplier: 1

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SB-02(EAST)

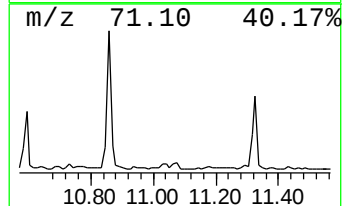
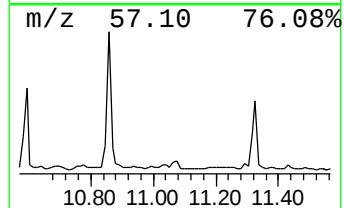
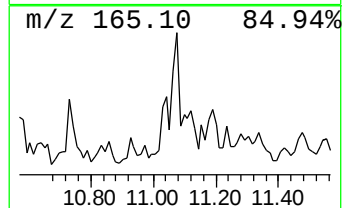
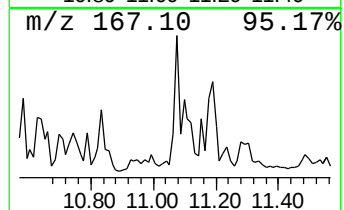
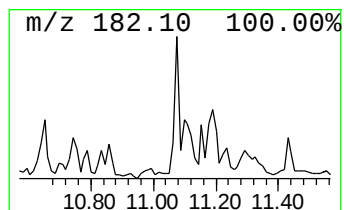
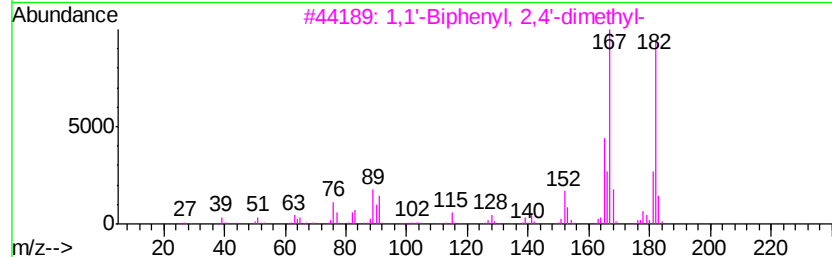
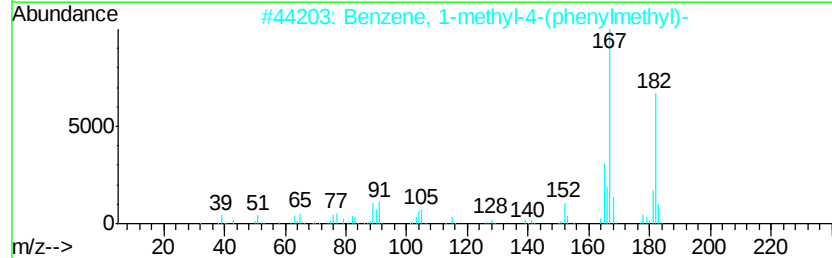
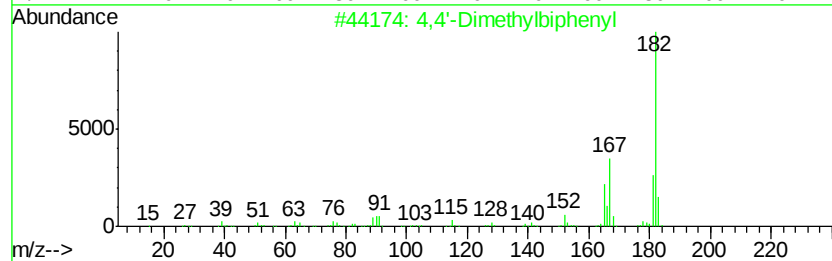
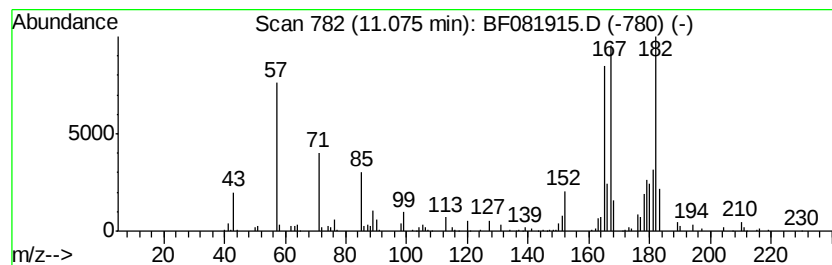
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 4,4'-Dimethylbiphenyl Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	7.34 ng	371893	Phenanthrene-d10	11.43

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	68
2			Benzene, 1-methyl-4-(phenylmethyl)-	182	C14H14	000620-83-7	64
3			1,1'-Biphenyl, 2,4'-dimethyl-	182	C14H14	000611-61-0	64
4			Tricyclo[4.4.1.0(2,5)]undeca-1(1...	182	C14H14	055836-29-8	58
5			1,1'-Biphenyl, 2,3'-dimethyl-	182	C14H14	000611-43-8	52



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093015\
Data File : BF081915.D
Acq On : 30 Sep 2015 21:50
Operator : UM/IZ
Sample : G3868-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-02(EAST)

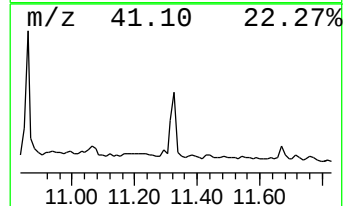
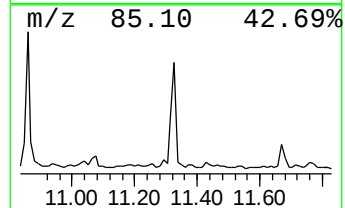
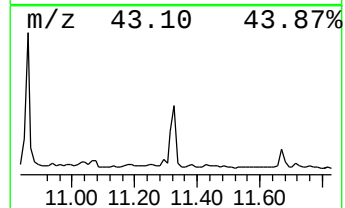
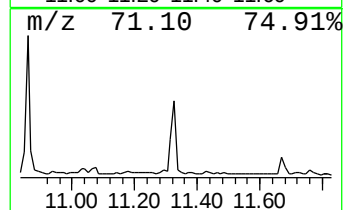
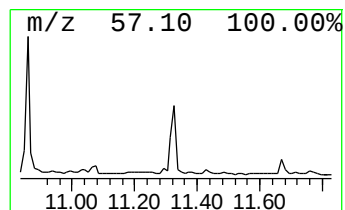
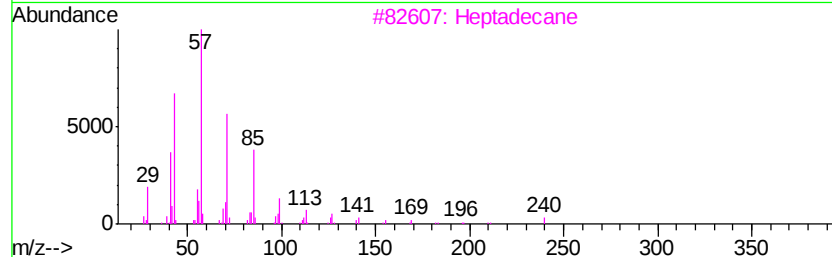
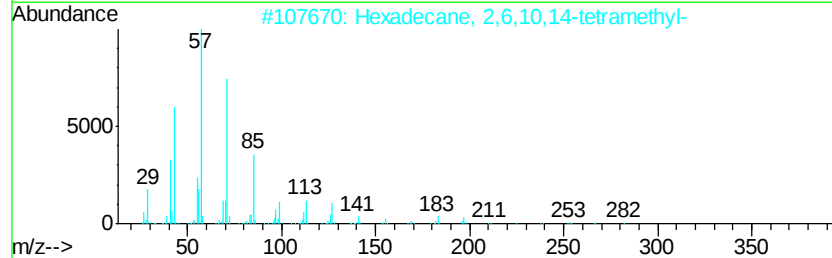
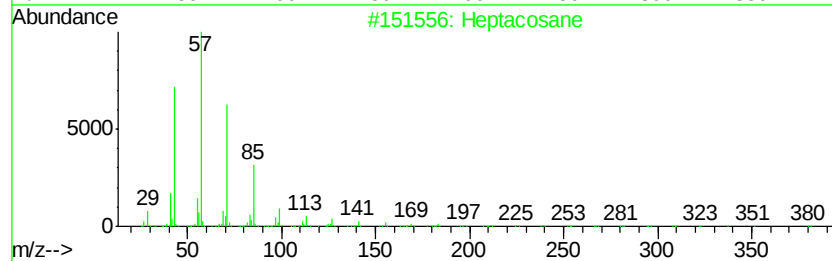
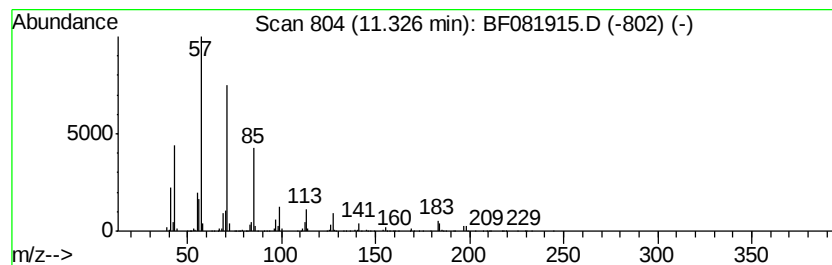
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Hexadecane, 2,6,10,14-tetra... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.33	14.74 ng	747059	Phenanthrene-d10	11.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	86
2		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83
3		Heptadecane	240	C17H36	000629-78-7	78
4		Tridecane	184	C13H28	000629-50-5	72
5		2-Bromo dodecane	248	C12H25Br	013187-99-0	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093015\
Data File : BF081915.D
Acq On : 30 Sep 2015 21:50
Operator : UM/IZ
Sample : G3868-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-02(EAST)

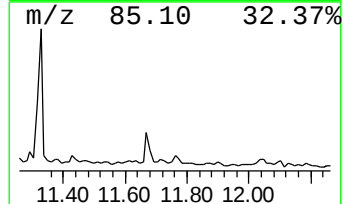
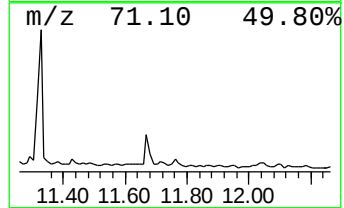
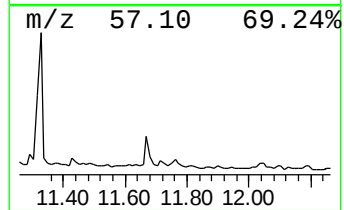
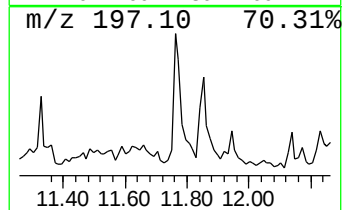
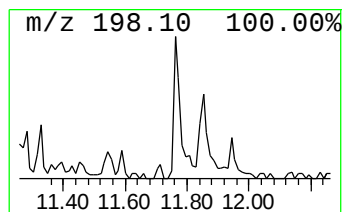
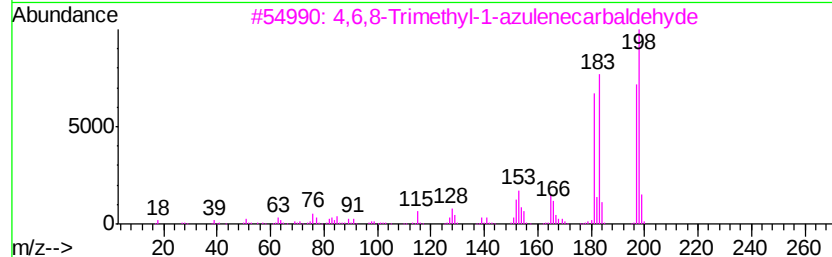
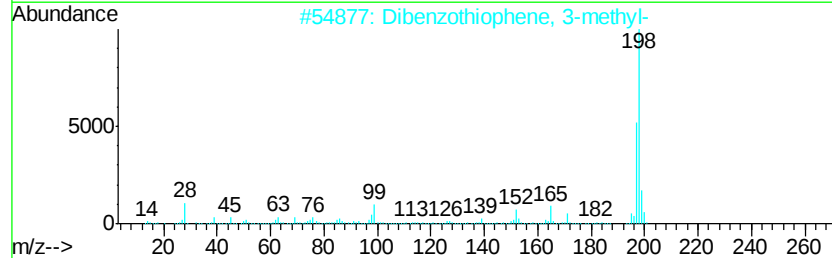
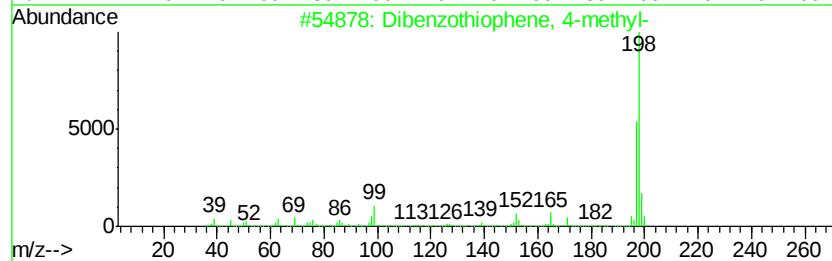
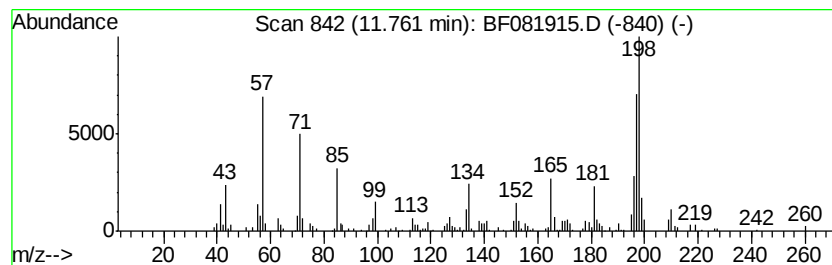
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Dibenzothiophene, 4-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	4.55 ng	230505	Phenanthrene-d10	11.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	86
2		Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	50
3		4,6,8-Trimethyl-1-azulenecarbalde...	198	C14H14O	000832-62-2	43
4		Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	43
5		Pyridine, 4-(4-dimethylaminophen...	198	C13H14N2	001137-80-0	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093015\
 Data File : BF081915.D
 Acq On : 30 Sep 2015 21:50
 Operator : UM/IZ
 Sample : G3868-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-02(EAST)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.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
2-Propenoic acid,...	2.62	18.0	ng	555601	1	6.90	618312	20.0
2-Pentanone, 4-hy...	5.10	41.4	ng	1278490	1	6.90	618312	20.0
unknown6.67	6.67	80.7	ng	2494730	1	6.90	618312	20.0
Undecane, 2,6-dim...	8.25	7.5	ng	323612	2	8.19	865367	20.0
unknown8.48	8.48	5.6	ng	244138	2	8.19	865367	20.0
Octane, 2,6-dimet...	8.61	9.1	ng	392832	2	8.19	865367	20.0
Dodecane, 2,7,10-...	9.21	11.7	ng	541081	3	9.94	929071	20.0
Heptadecane, 1-br...	9.35	6.0	ng	279173	3	9.94	929071	20.0
Naphthalene, 2,7-...	9.74	5.2	ng	243010	3	9.94	929071	20.0
3-(2-Methyl-prope...	10.14	5.2	ng	243328	3	9.94	929071	20.0
Dodecane	10.19	6.7	ng	310702	3	9.94	929071	20.0
Naphthalene, 2,3,...	10.26	5.7	ng	266013	3	9.94	929071	20.0
Propanoic acid, 2...	10.34	32.1	ng	1492580	3	9.94	929071	20.0
Heptacosane	10.59	15.7	ng	728258	3	9.94	929071	20.0
Tridecane, 5-propyl-	10.86	23.6	ng	1193680	4	11.43	1013340	20.0
Naphthalene, 1,2,...	10.93	5.2	ng	261140	4	11.43	1013340	20.0
4,4'-Dimethylbiph...	11.07	7.3	ng	371893	4	11.43	1013340	20.0
Hexadecane, 2,6,1...	11.33	14.7	ng	747059	4	11.43	1013340	20.0
Dibenzothiophene,...	11.76	4.5	ng	230505	4	11.43	1013340	20.0