

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
 Data File : BF083210.D
 Acq On : 23 Nov 2015 18:12
 Operator : UM/IZ
 Sample : G4437-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-09

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-BF112115.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	4.776	241	244	254	rVB	1035006	1494575	21.59%	1.249%
2	5.233	282	284	287	rBV	2251485	3292524	47.56%	2.752%
3	5.450	301	303	308	rVB3	43408	87657	1.27%	0.073%
4	5.633	314	319	321	rBV3	132387	284690	4.11%	0.238%
5	5.679	321	323	325	rVB3	50470	77222	1.12%	0.065%
6	5.770	328	331	333	rVB2	140287	192147	2.78%	0.161%
7	5.827	333	336	338	rBV	93758	170224	2.46%	0.142%
8	5.873	338	340	344	rVB2	162256	292252	4.22%	0.244%
9	5.930	344	345	346	rBV	70431	80228	1.16%	0.067%
10	6.056	354	356	358	rBV2	86037	158067	2.28%	0.132%
11	6.159	363	365	370	rVB2	238799	490639	7.09%	0.410%
12	6.239	370	372	374	rBV2	81234	160384	2.32%	0.134%
13	6.307	375	378	380	rBV	1581954	2272457	32.83%	1.899%
14	6.376	382	384	385	rBV	171591	230199	3.33%	0.192%
15	6.410	385	387	390	rVB	4925337	5380897	77.73%	4.498%
16	6.490	392	394	396	rBV2	160111	233631	3.37%	0.195%
17	6.582	399	402	404	rBV3	191106	384362	5.55%	0.321%
18	6.639	404	407	409	rBV	1372187	1309611	18.92%	1.095%
19	6.707	411	413	415	rBV2	209875	451286	6.52%	0.377%
20	6.799	418	421	423	rBV	5213069	5457864	78.84%	4.562%
21	6.833	423	424	425	rVB	245132	168038	2.43%	0.140%
22	6.913	425	431	434	rBV5	355588	1157564	16.72%	0.968%
23	6.993	436	438	439	rBV	203563	221652	3.20%	0.185%
24	7.039	439	442	443	rVB	488959	680099	9.82%	0.568%
25	7.062	443	444	446	rBV	316785	490209	7.08%	0.410%
26	7.130	448	450	451	rBV2	79265	93068	1.34%	0.078%
27	7.210	451	457	462	rBV	3619731	6268383	90.55%	5.239%
28	7.302	462	465	467	rBV2	686801	1184733	17.11%	0.990%
29	7.347	467	469	470	rBV2	370182	554491	8.01%	0.463%
30	7.370	470	471	473	rVB	412351	375849	5.43%	0.314%
31	7.416	473	475	476	rBV2	413343	624621	9.02%	0.522%
32	7.450	476	478	481	rVB	1459892	1602294	23.15%	1.339%
33	7.507	481	483	485	rBV2	350054	710473	10.26%	0.594%
34	7.565	485	488	494	rBV5	1123773	2638782	38.12%	2.206%

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35	7.645	494	495	497	rVB	186310	235008	3.39%	0.196%
36	7.702	497	500	503	rVB4	409973	1042798	15.06%	0.872%
37	7.770	503	506	507	rBV2	636384	1150697	16.62%	0.962%
38	7.828	507	511	514	rBV3	646542	1604151	23.17%	1.341%
39	7.930	517	520	522	rVB	2201297	2333977	33.72%	1.951%
40	7.988	522	525	526	rBV2	347506	828578	11.97%	0.693%
41	8.010	526	527	531	rVB	1841853	2245691	32.44%	1.877%
42	8.068	531	532	533	rVB	674273	462551	6.68%	0.387%
43	8.102	533	535	536	rBV2	615751	944194	13.64%	0.789%
44	8.148	537	539	541	rVB2	963101	1022154	14.77%	0.854%
45	8.182	541	542	543	rBV	230545	233639	3.38%	0.195%
46	8.228	543	546	548	rVB3	842759	1361166	19.66%	1.138%
47	8.273	548	550	551	rBV2	446990	771240	11.14%	0.645%
48	8.376	556	559	563	rBV	4784918	6322638	91.33%	5.285%
49	8.479	566	568	572	rBV4	781716	1498673	21.65%	1.253%
50	8.548	572	574	576	rBV3	475945	1111291	16.05%	0.929%
51	8.593	576	578	580	rVV3	671247	1621158	23.42%	1.355%
52	8.639	580	582	584	rVB2	1382886	1847827	26.69%	1.544%
53	8.673	584	585	587	rBV2	451064	819081	11.83%	0.685%
54	8.856	599	601	602	rVB2	724283	834013	12.05%	0.697%
55	8.925	605	607	608	rVV2	473799	573352	8.28%	0.479%
56	8.970	608	611	613	rVV	4053263	5568553	80.44%	4.654%
57	9.016	613	615	617	rVV	6052267	6423081	92.78%	5.369%
58	9.096	619	622	625	rVV3	1027254	2701776	39.03%	2.258%
59	9.153	625	627	629	rVV3	927711	1787252	25.82%	1.494%
60	9.222	631	633	635	rVB2	440794	547670	7.91%	0.458%
61	9.348	642	644	646	rVB2	500464	407377	5.88%	0.341%
62	9.393	646	648	649	rBV2	691593	683237	9.87%	0.571%
63	9.428	649	651	652	rBV	4208971	3992245	57.67%	3.337%
64	9.599	664	666	667	rVB	647123	793341	11.46%	0.663%
65	9.679	670	673	676	rBV2	2327605	3066622	44.30%	2.563%
66	9.885	689	691	695	rVB4	619484	949499	13.72%	0.794%
67	9.953	695	697	699	rVB	1008521	886643	12.81%	0.741%
68	9.999	699	701	704	rVB2	579411	821353	11.86%	0.687%
69	10.079	707	708	709	rVB	424409	290932	4.20%	0.243%
70	10.342	729	731	734	rVB	1175990	1494781	21.59%	1.249%
71	10.468	739	742	744	rVB	3859084	4322286	62.44%	3.613%

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72	10.616	752	755	757	rVB	1432622	2153890	31.11%	1.800%
73	11.074	793	795	798	rVB2	386130	513859	7.42%	0.430%
74	11.154	800	802	804	rBV	1747153	1611637	23.28%	1.347%
75	11.554	835	837	841	rBV	210115	314132	4.54%	0.263%
76	11.702	848	850	853	rVB2	252649	316255	4.57%	0.264%
77	11.828	859	861	866	rVB	740396	780038	11.27%	0.652%
78	12.057	879	881	884	rVB	144854	133167	1.92%	0.111%
79	12.388	908	910	917	rVB2	95498	236975	3.42%	0.198%
80	12.491	917	919	922	rVV	280333	422212	6.10%	0.353%
81	12.571	924	926	930	rVB2	191196	248512	3.59%	0.208%
82	12.742	938	941	943	rBV	6162967	6922578	100.00%	5.786%
83	13.279	986	988	989	rBV	133204	133351	1.93%	0.111%
84	13.645	1018	1020	1024	rVB	82505	109528	1.58%	0.092%
85	13.771	1029	1031	1034	rBV	1597967	1628633	23.53%	1.361%
86	14.274	1073	1075	1079	rVB2	40137	79045	1.14%	0.066%
87	15.131	1148	1150	1153	rBV	817198	1164089	16.82%	0.973%

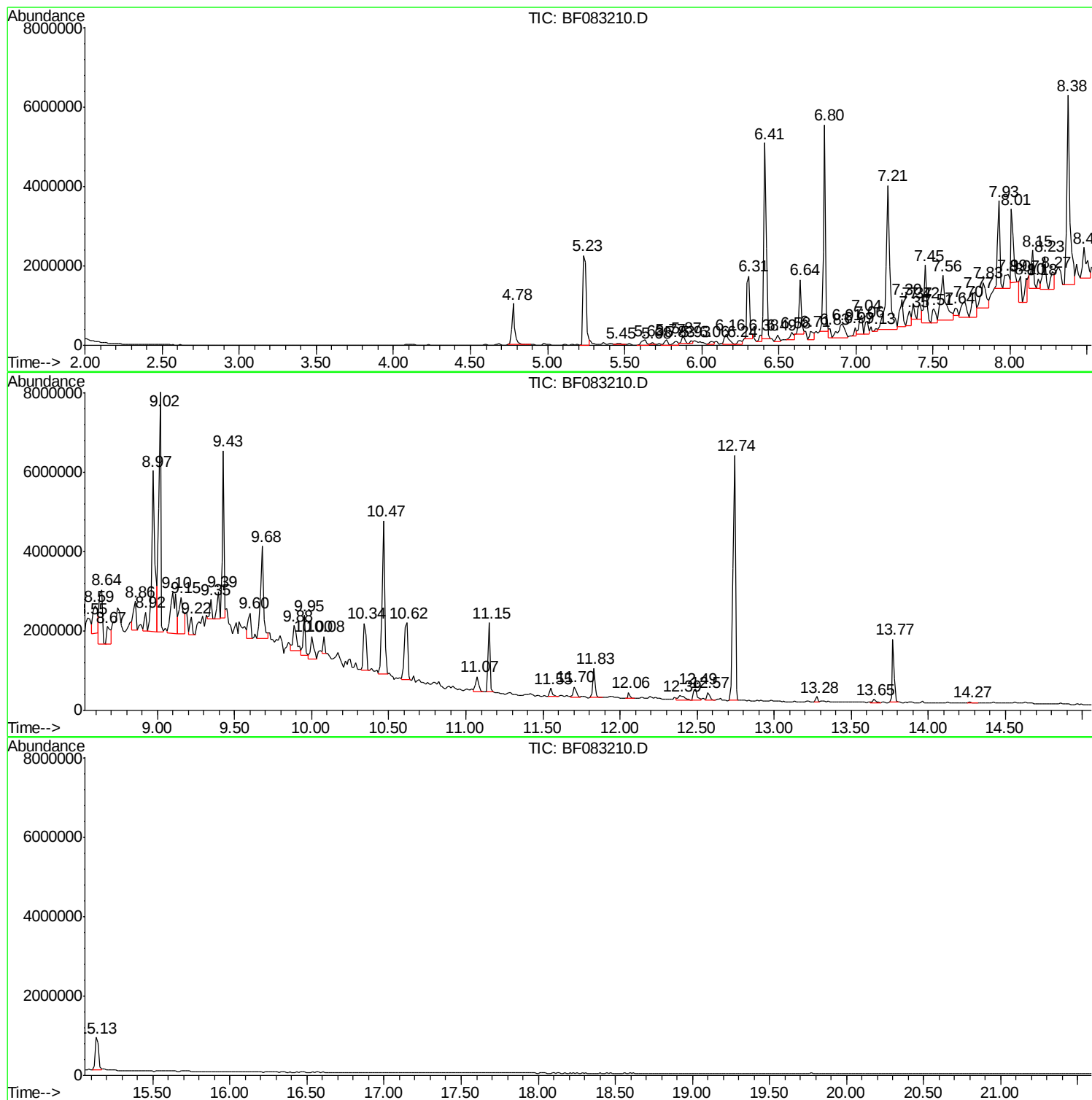
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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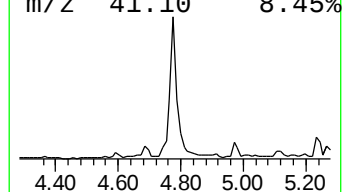
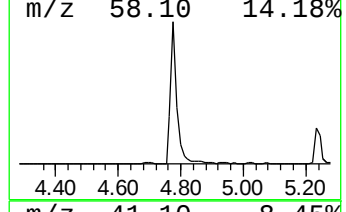
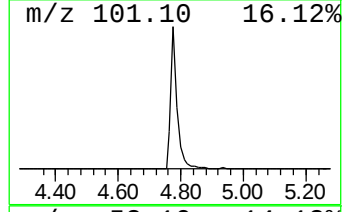
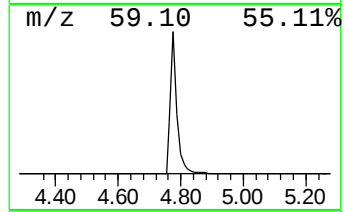
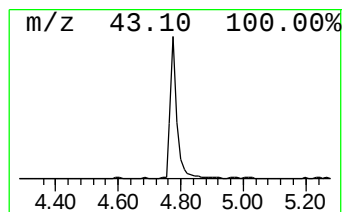
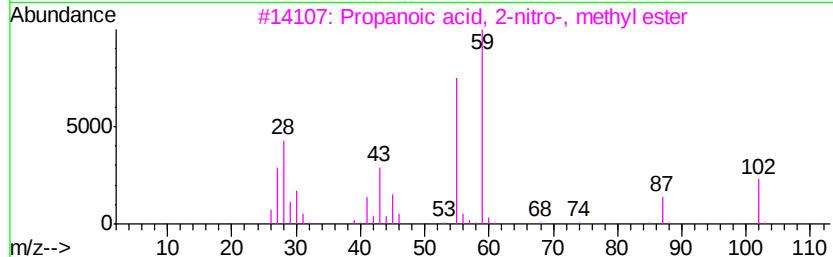
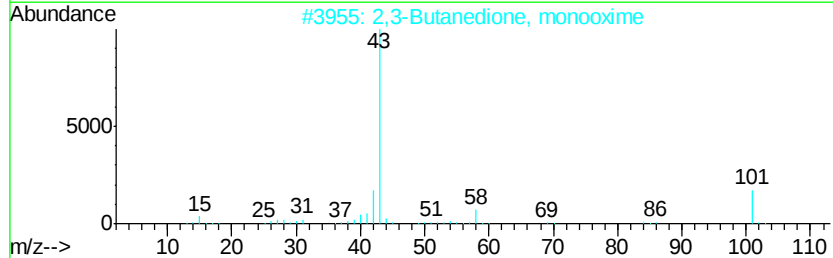
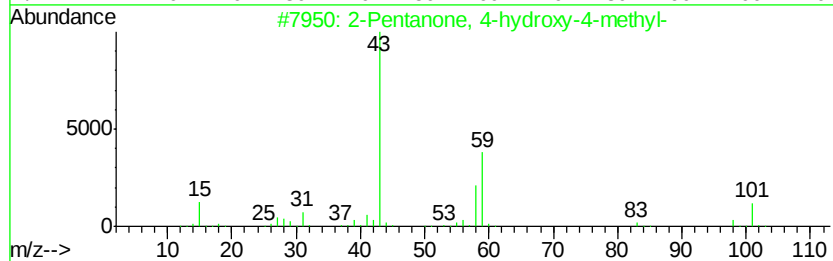
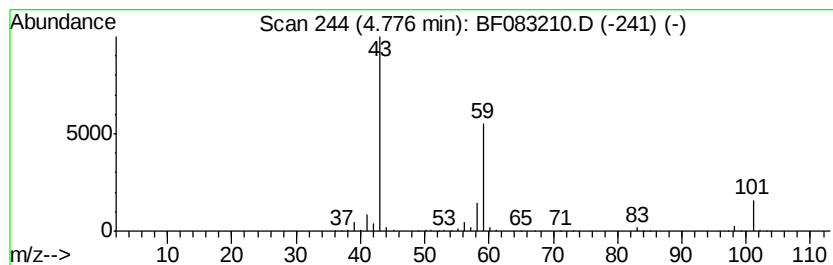
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.78	22.82 ng	1494580	1,4-Dichlorobenzene-d4	6.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
3		Propanoic acid, 2-nitro-, methyl...	133	C4H7NO4	006118-50-9	9
4		1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9
5		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	9



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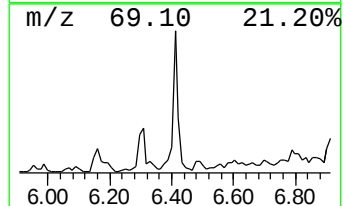
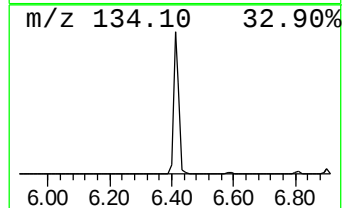
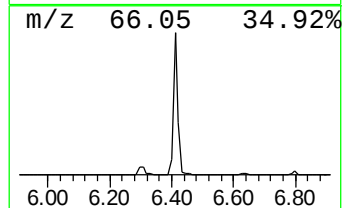
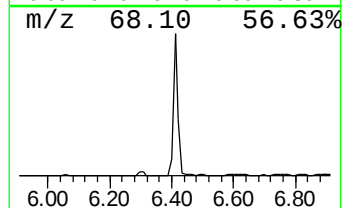
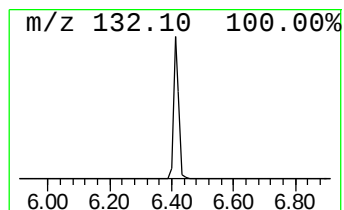
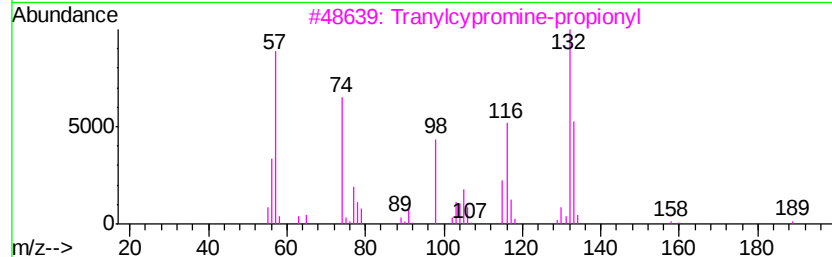
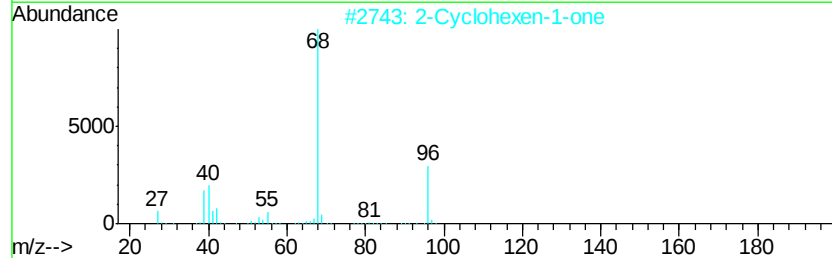
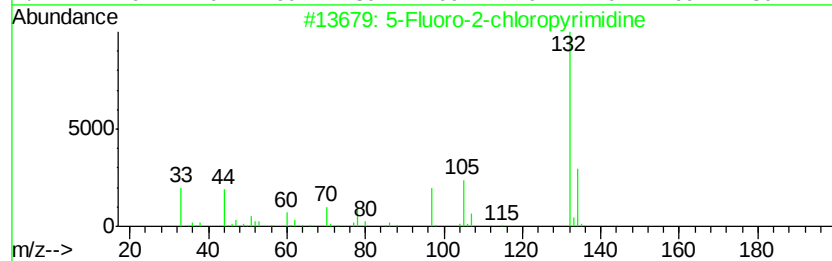
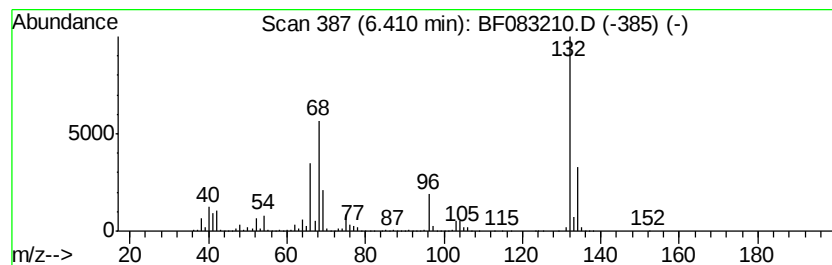
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.41 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.41	82.18 ng	5380900	1,4-Dichlorobenzene-d4	6.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
2		2-Cyclohexen-1-one	96	C6H8O	000930-68-7	11
3		Tranvlcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4		(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5		5-Aminoindole	132	C8H8N2	005192-03-0	10



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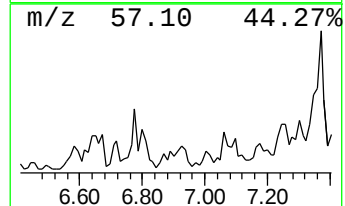
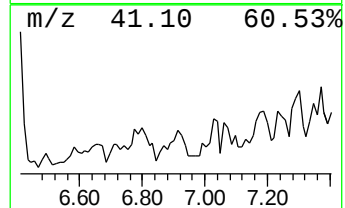
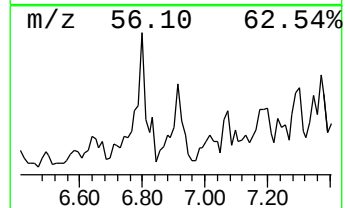
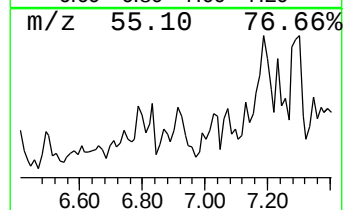
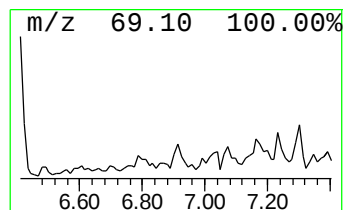
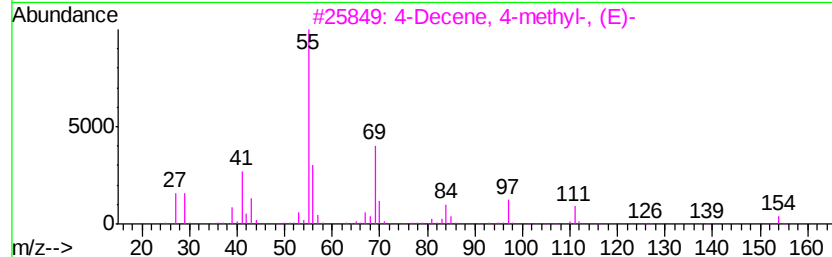
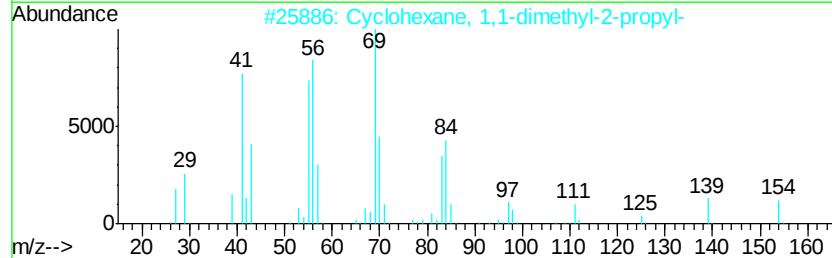
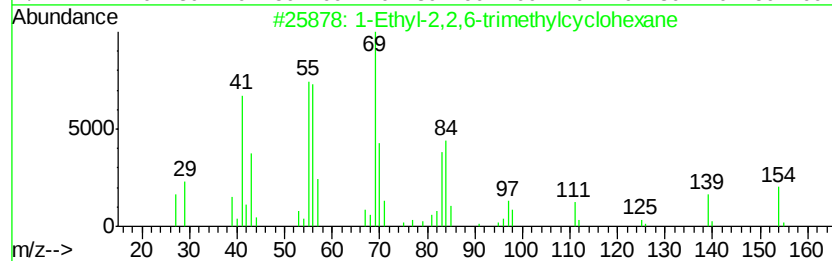
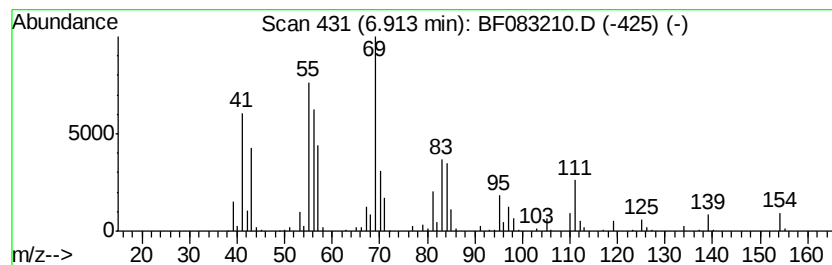
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 1-Ethyl-2,2,6-trimethylcycl... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.91	17.68 ng	1157560	1,4-Dichlorobenzene-d4	6.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	93
2		Cyclohexane, 1,1-dimethyl-2-propyl-	154	C11H22	081983-71-3	87
3		4-Decene, 4-methyl-, (E)-	154	C11H22	060366-66-7	72
4		Nonane, 2-methyl-3-methylene-	154	C11H22	055499-08-6	68
5		Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	58



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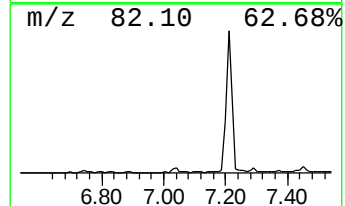
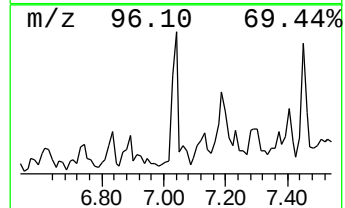
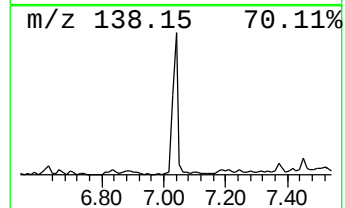
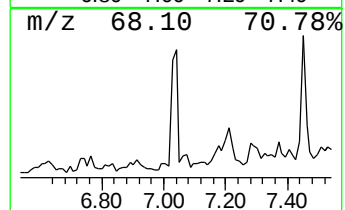
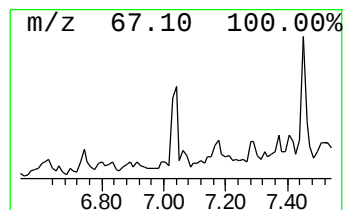
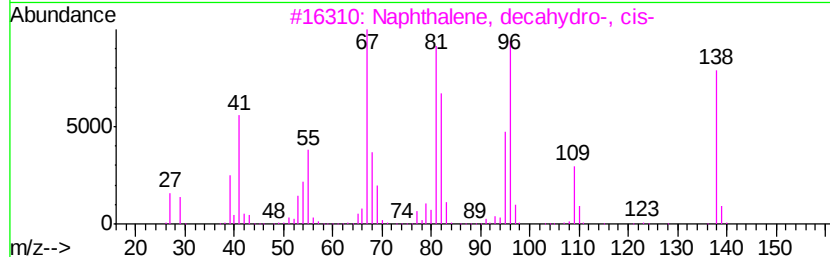
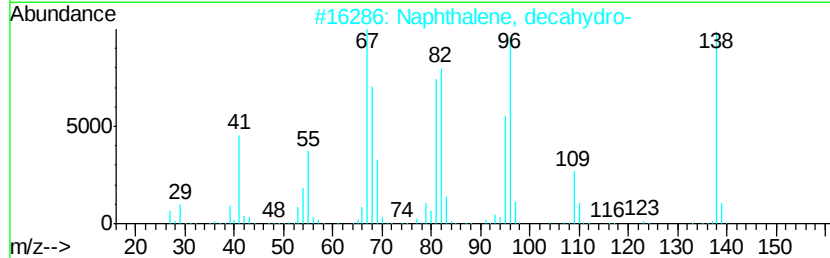
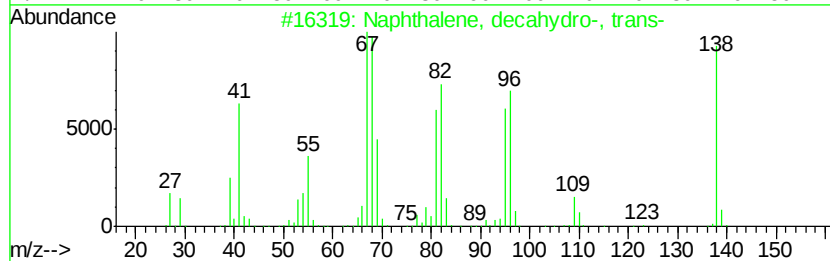
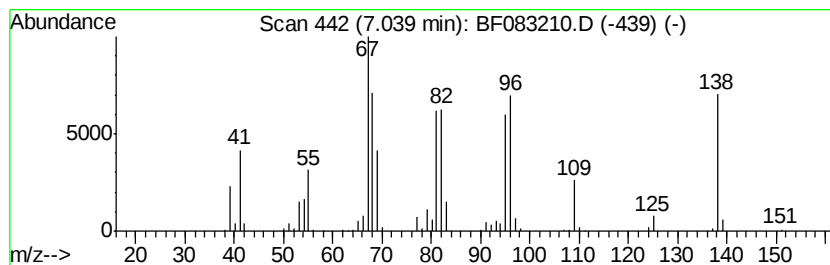
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, decahydro-, tr... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.04	10.39 ng	680099	1,4-Dichlorobenzene-d4	6.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	94
2		Naphthalene, decahydro-	138	C10H18	000091-17-8	91
3		Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	86
4		Spiro[4.5]decane	138	C10H18	000176-63-6	83
5		2-Cyclohexen-1-one, 4-(1-methyle...	138	C9H14O	000500-02-7	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
Data File : BF083210.D
Acq On : 23 Nov 2015 18:12
Operator : UM/IZ
Sample : G4437-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

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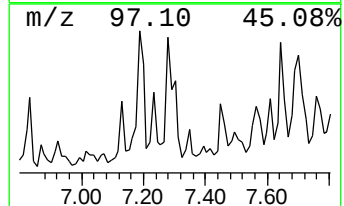
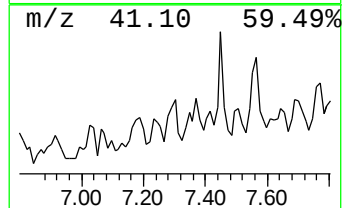
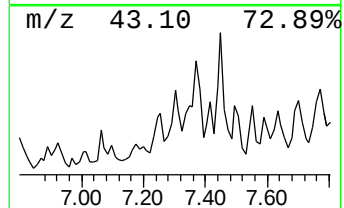
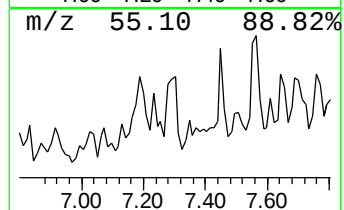
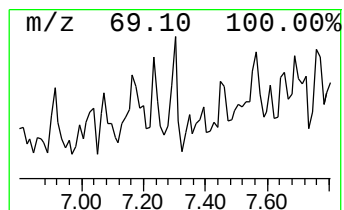
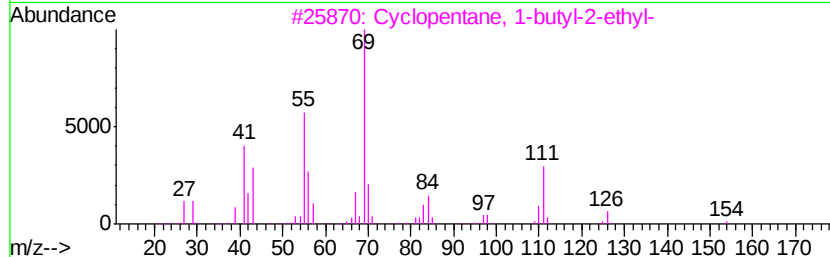
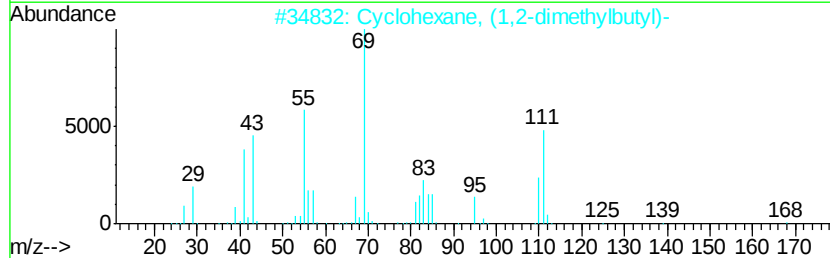
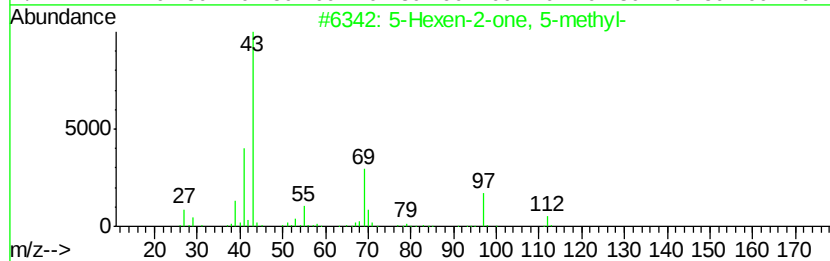
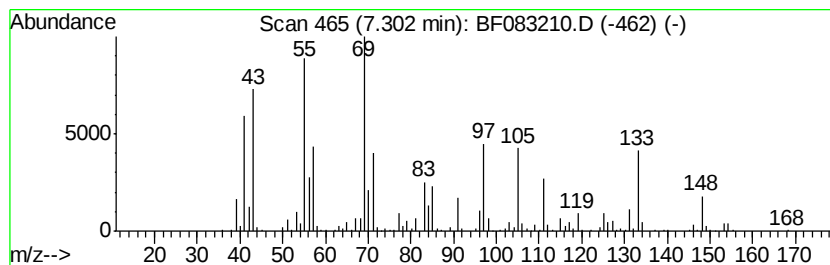
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown7.30 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.30	10.15 ng	1184730	Naphthalene-d8	7.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Hexen-2-one, 5-methyl-	112	C7H12O	003240-09-3	38
2		Cyclohexane, (1,2-dimethylbutyl)-	168	C12H24	061142-37-8	27
3		Cyclopentane, 1-butyl-2-ethyl-	154	C11H22	072993-32-9	22
4		5-Undecene, 7-methyl-, (E)-	168	C12H24	074630-66-3	22
5		5-Undecene, 7-methyl-, (Z)-	168	C12H24	074630-62-9	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112315\
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Acq On : 23 Nov 2015 18:12
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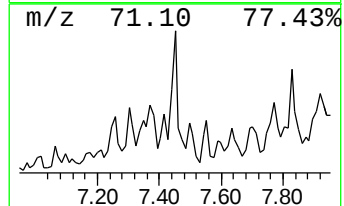
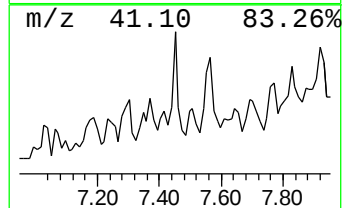
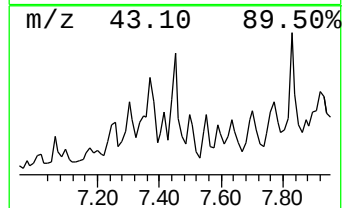
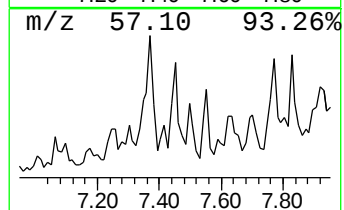
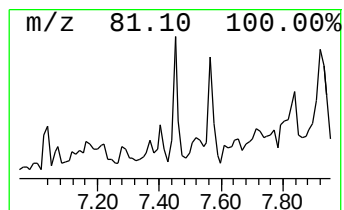
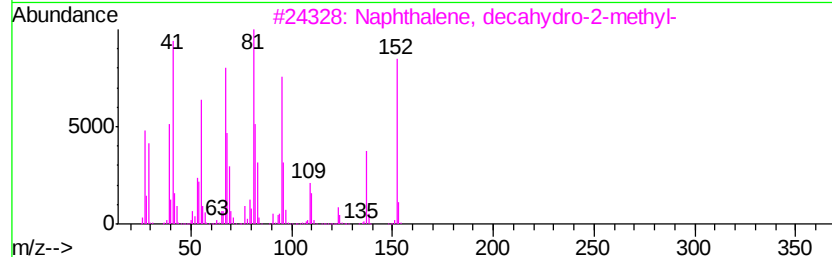
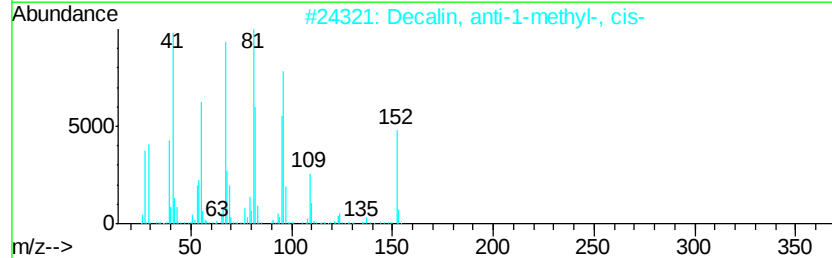
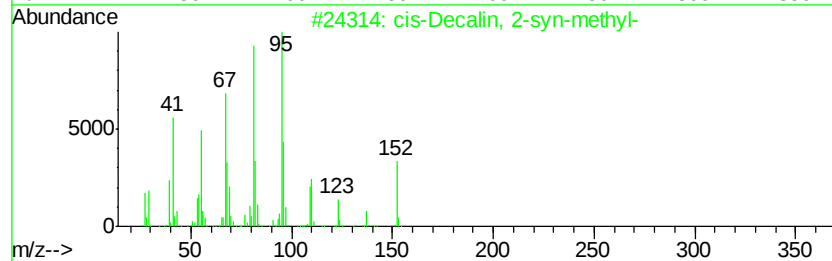
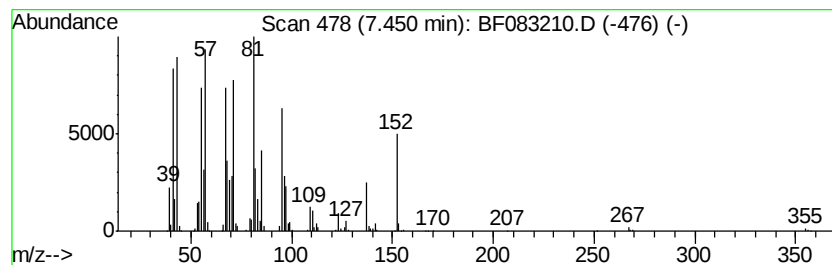
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 cis-Decalin, 2-syn-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.45	13.73 ng	1602290	Naphthalene-d8	7.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	58
2		Decalin, anti-1-methyl-, cis-	152	C11H20	1000158-89-0	53
3		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	51
4		Bicyclo[4.1.0]heptan-2-one, 3,5,...	152	C10H16O	029750-24-1	46
5		Bicyclo[3.3.2]decan-9-one	152	C10H16O	028054-91-3	30



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
Data File : BF083210.D
Acq On : 23 Nov 2015 18:12
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Sample : G4437-09
Misc :
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ClientSampleId :
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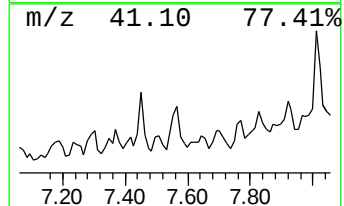
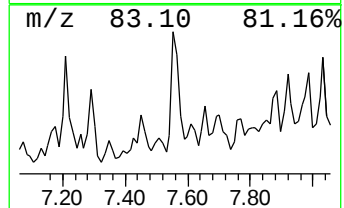
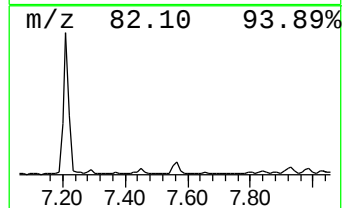
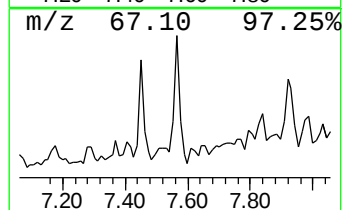
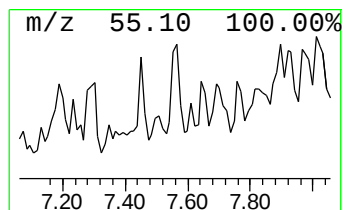
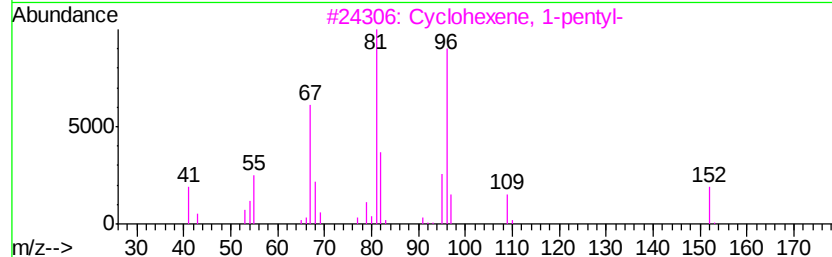
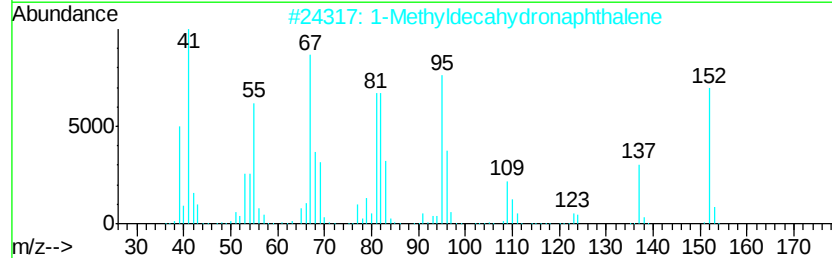
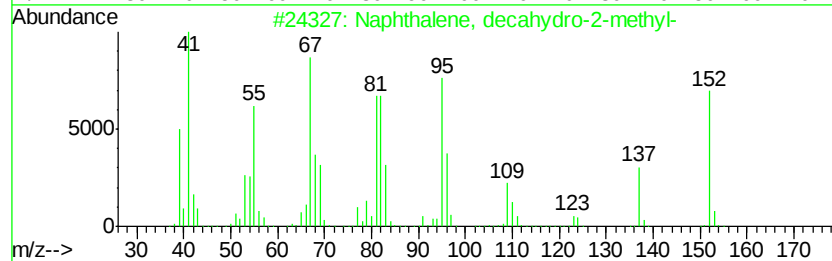
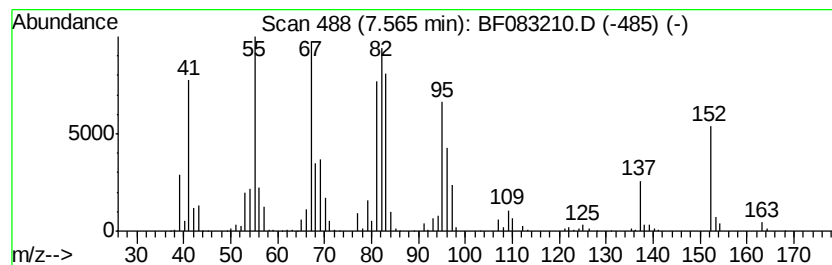
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, decahydro-2-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.56	22.61 ng	2638780	Naphthalene-d8	7.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	55
2		1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	55
3		Cyclohexene, 1-pentyl-	152	C11H20	015232-85-6	55
4		Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	004795-86-2	52
5		cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	49



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
Data File : BF083210.D
Acq On : 23 Nov 2015 18:12
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Misc :
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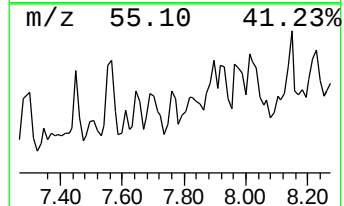
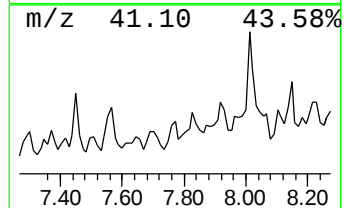
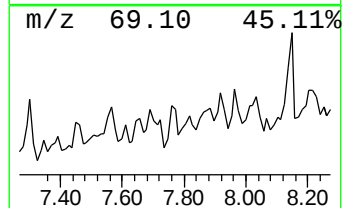
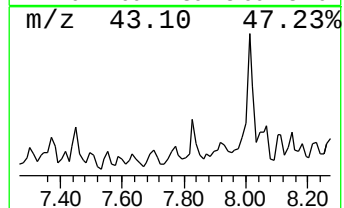
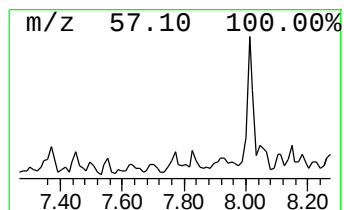
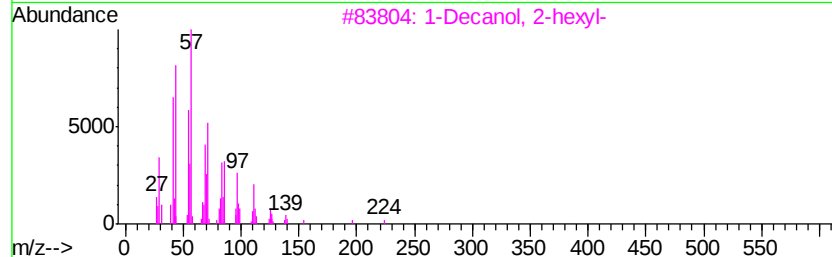
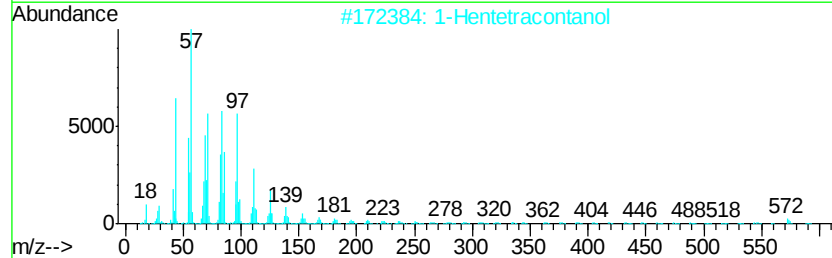
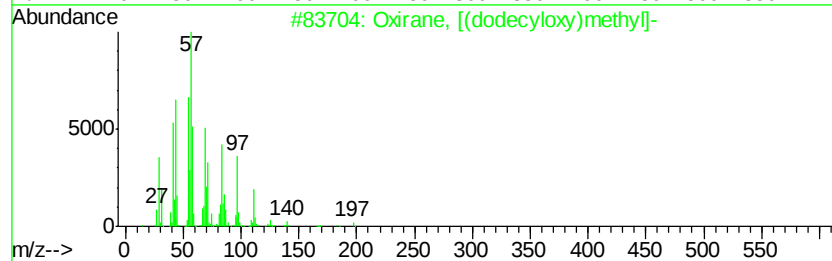
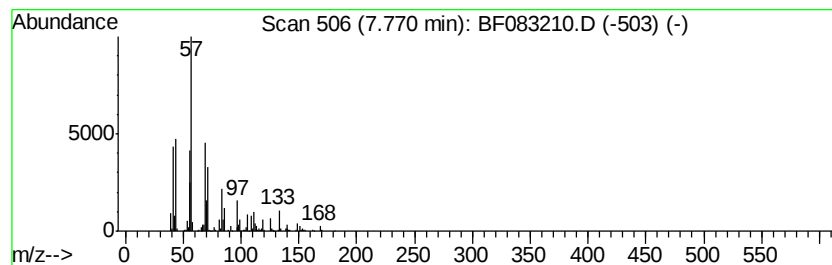
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Oxirane, [(dodecyloxy)methyl]- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.77	9.86 ng	1150700	Naphthalene-d8	7.93

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxirane, [(dodecyloxy)methyl]-	242	C15H30O2	002461-18-9	72
2			1-Hentetracontanol	593	C41H84O	040710-42-7	59
3			1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	50
4			1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	50
5			Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112315\
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Misc :
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Instrument :
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ClientSampleId :
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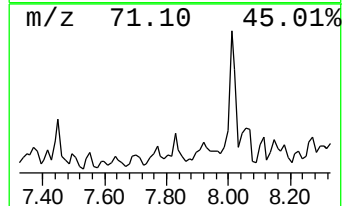
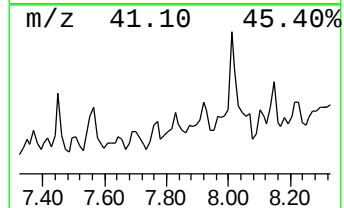
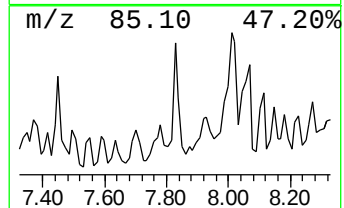
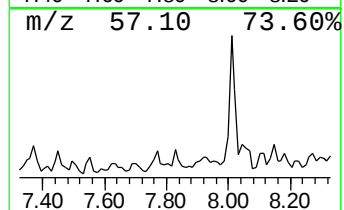
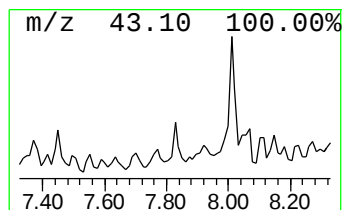
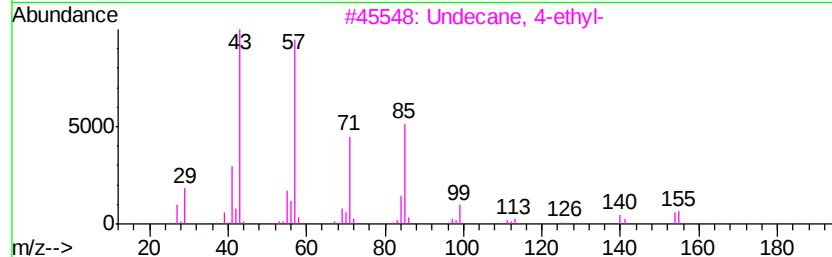
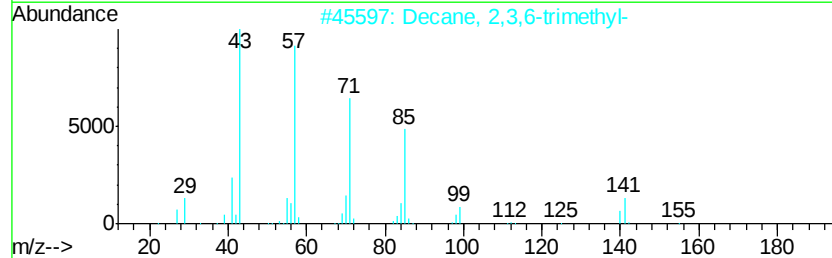
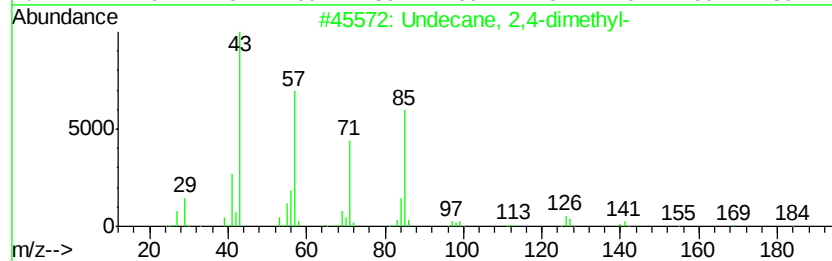
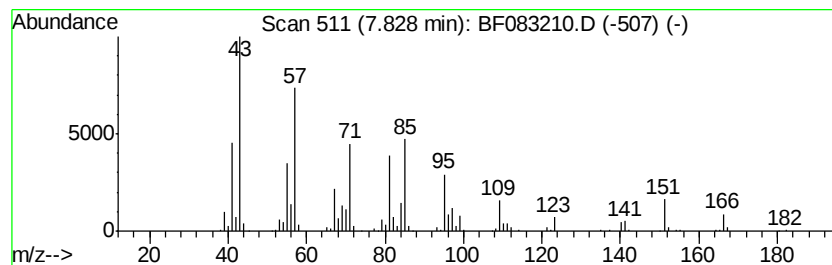
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown7.83 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.83	13.75 ng	1604150	Naphthalene-d8	7.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	47
2		Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	47
3		Undecane, 4-ethyl-	184	C13H28	017312-59-3	47
4		4,4-Dipropylheptane	184	C13H28	017312-72-0	43
5		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
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Acq On : 23 Nov 2015 18:12
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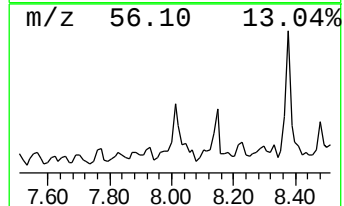
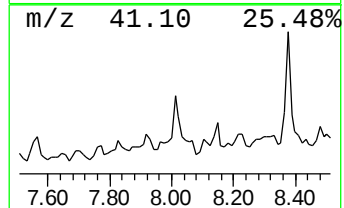
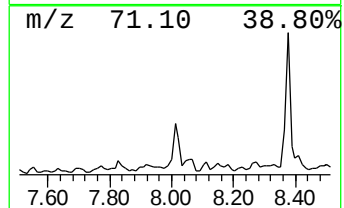
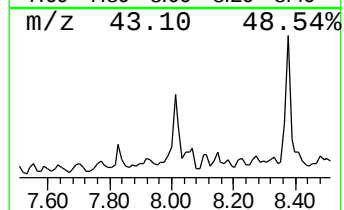
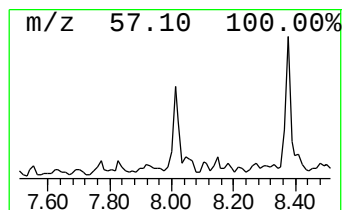
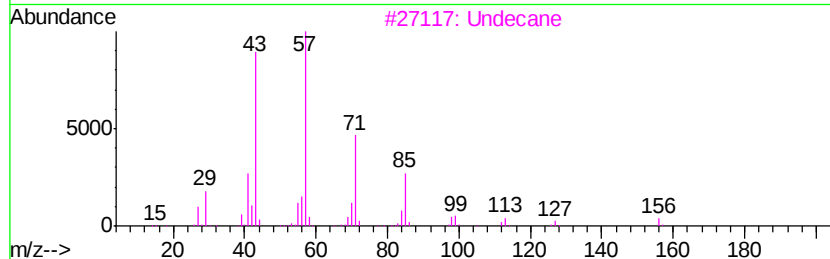
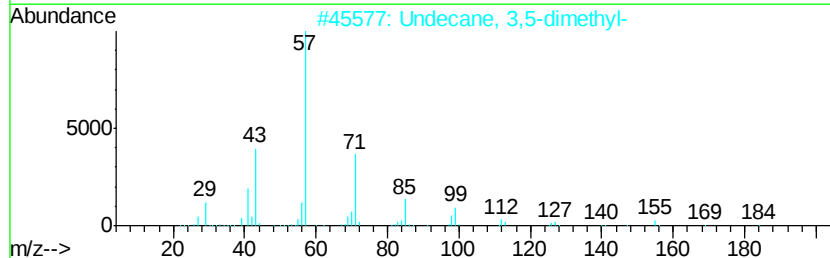
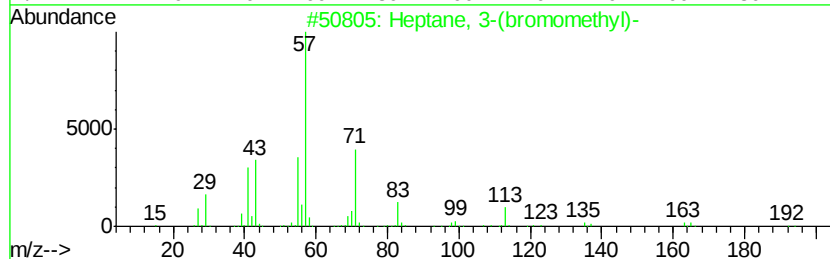
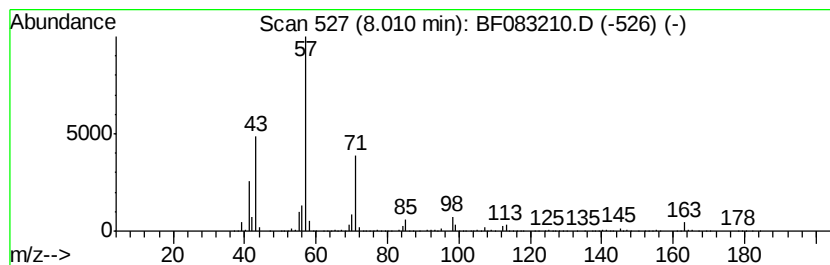
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heptane, 3-(bromomethyl)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.01	19.24 ng	2245690	Naphthalene-d8	7.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 3-(bromomethyl)-	192	C8H17Br	018908-66-2	64
2		Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	64
3		Undecane	156	C11H24	001120-21-4	64
4		Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	64
5		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112315\
Data File : BF083210.D
Acq On : 23 Nov 2015 18:12
Operator : UM/IZ
Sample : G4437-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-09

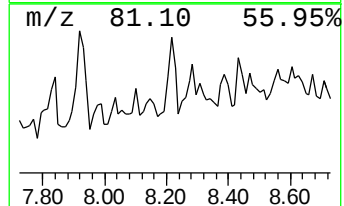
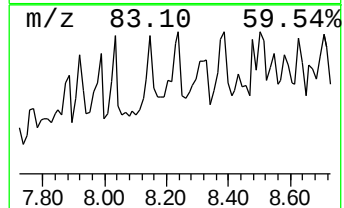
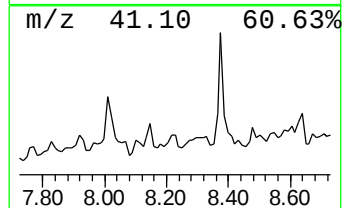
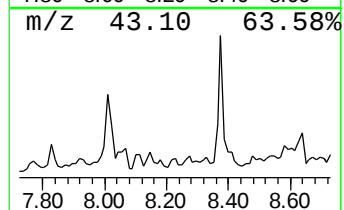
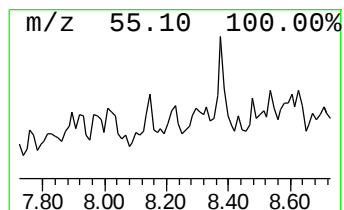
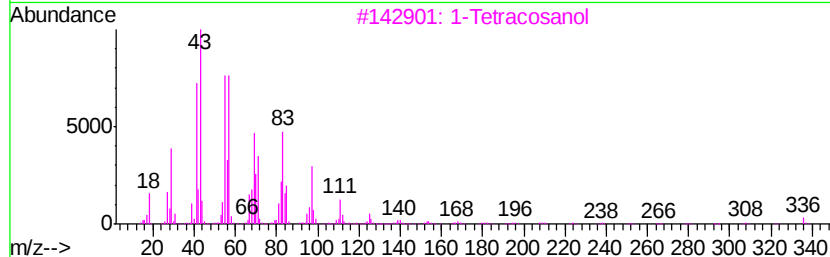
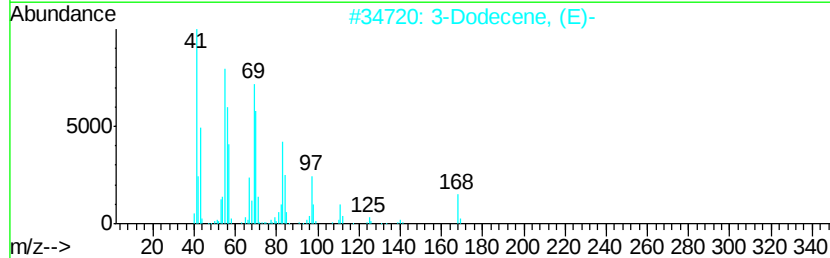
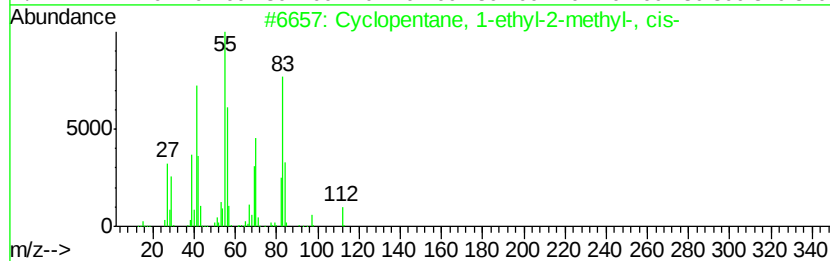
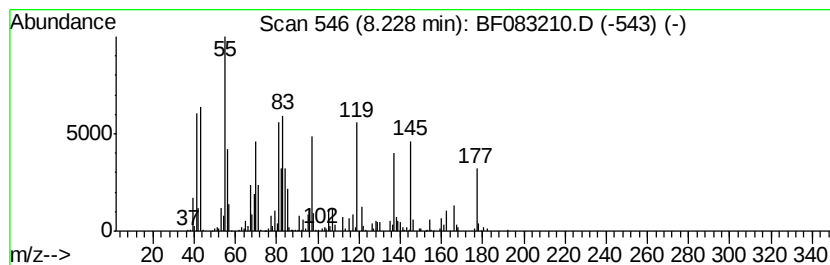
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown8.23 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.23	11.66 ng	1361170	Napthalene-d8	7.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1-ethyl-2-methyl-, ...	112	C8H16	000930-89-2	42
2		3-Dodecene, (E)-	168	C12H24	007239-23-8	38
3		1-Tetracosanol	354	C24H50O	000506-51-4	38
4		5-Methyl-1-heptanol	130	C8H18O	007212-53-5	27
5		1-Undecene	154	C11H22	000821-95-4	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112315\
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ClientSampled :
MW-09

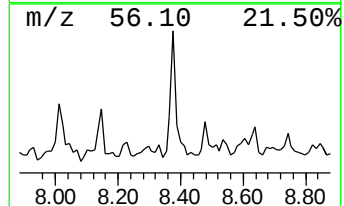
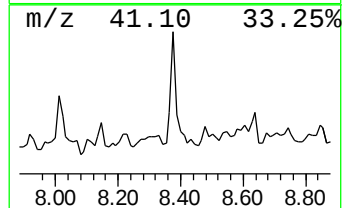
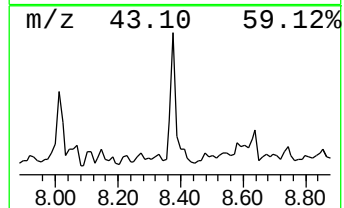
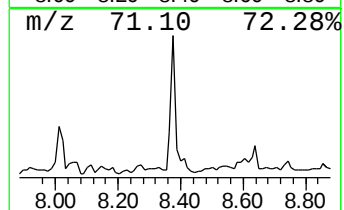
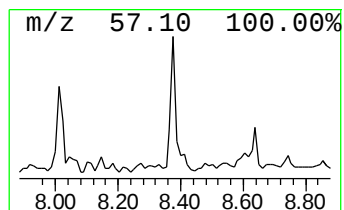
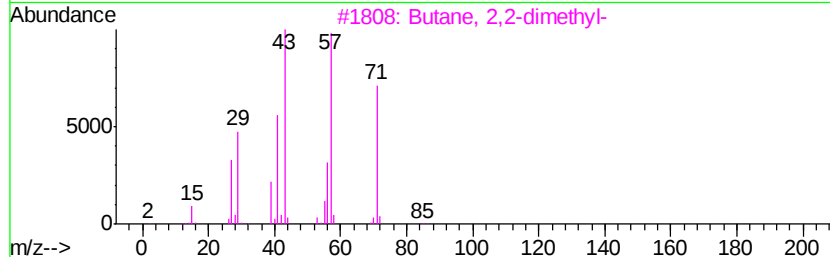
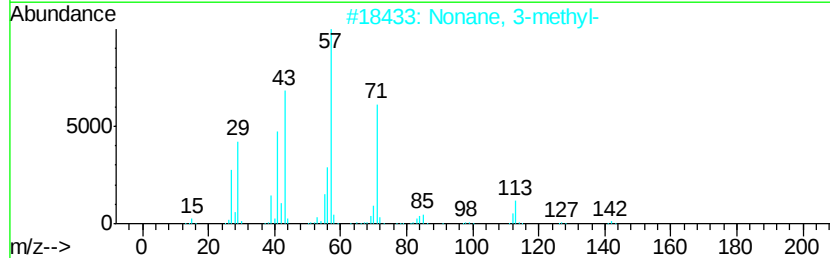
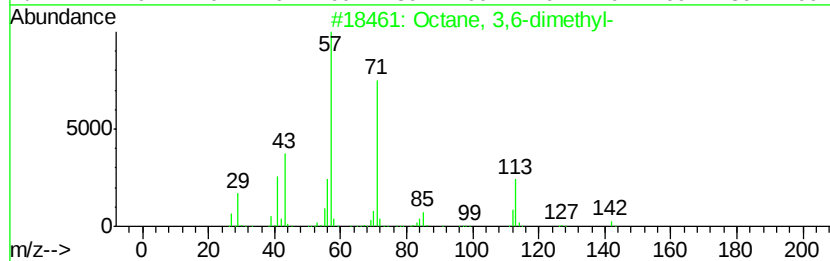
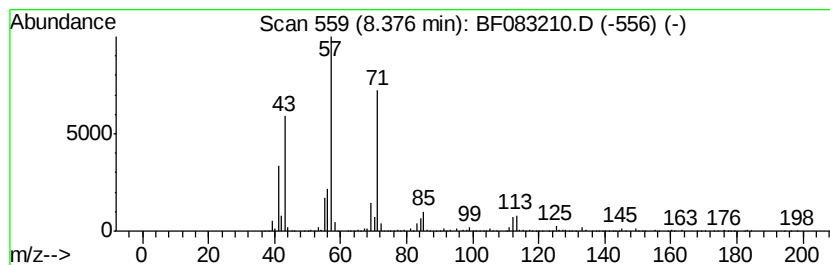
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Octane, 3,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.38	54.18 ng	6322640	Napthalene-d8	7.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
2		Nonane, 3-methyl-	142	C10H22	005911-04-6	72
3		Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	53
4		Heptane, 3,3-dimethyl-	128	C9H20	004032-86-4	53
5		Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112315\
Data File : BF083210.D
Acq On : 23 Nov 2015 18:12
Operator : UM/IZ
Sample : G4437-09
Misc :
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Instrument :
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ClientSampleId :
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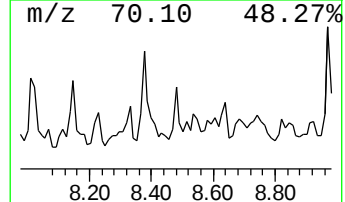
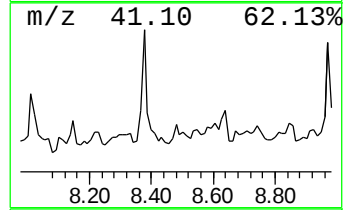
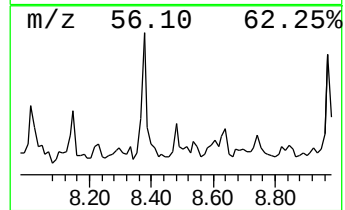
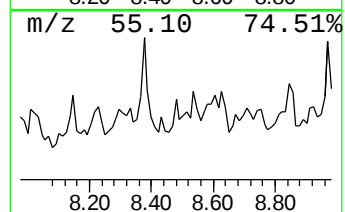
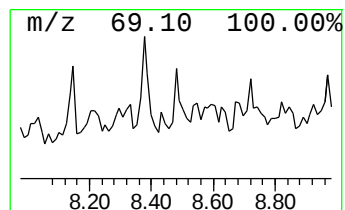
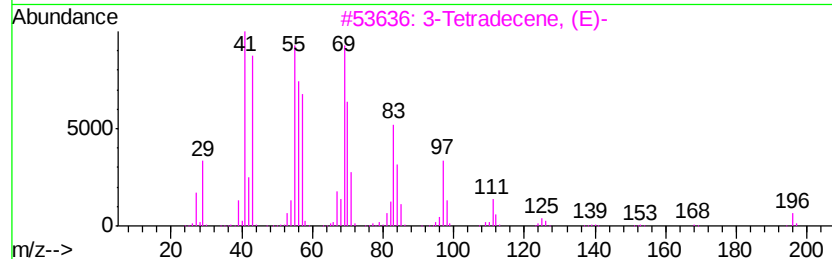
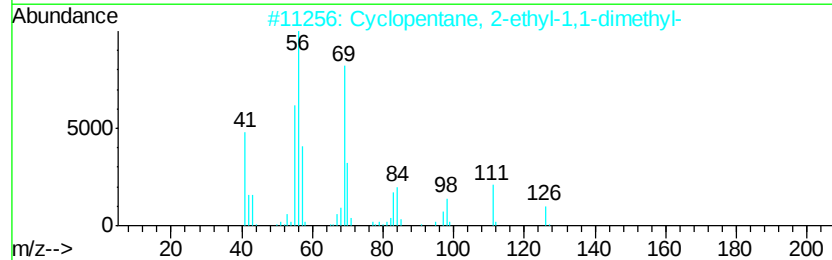
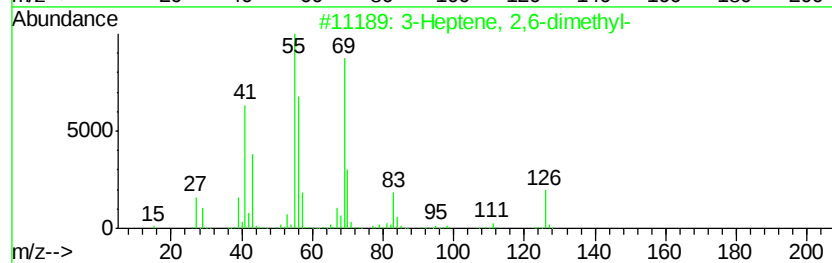
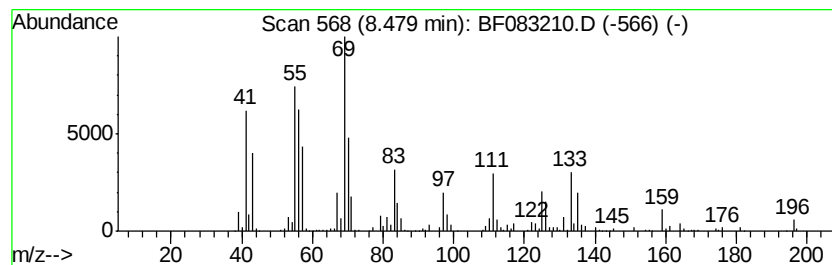
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown8.48 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.48	12.84 ng	1498670	Naphthalene-d8	7.93

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	49
2			Cyclopentane, 2-ethyl-1,1-dimethyl-	126	C9H18	054549-80-3	49
3			3-Tetradecene, (E)-	196	C14H28	041446-68-8	46
4			4-Tetradecene, (Z)-	196	C14H28	041446-65-5	45
5			Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
Data File : BF083210.D
Acq On : 23 Nov 2015 18:12
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Misc :
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Instrument :
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ClientSampled :
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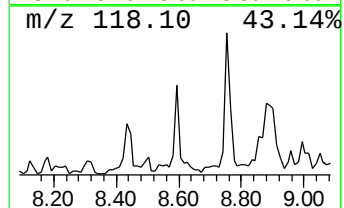
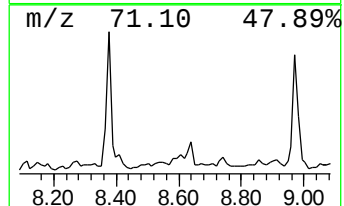
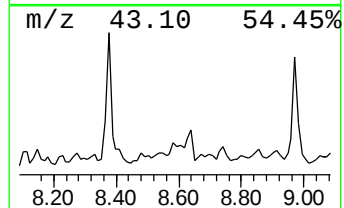
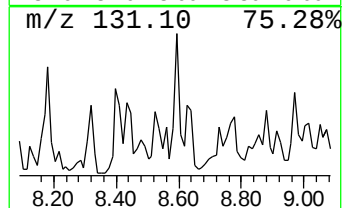
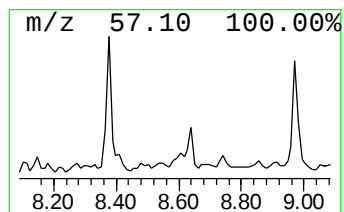
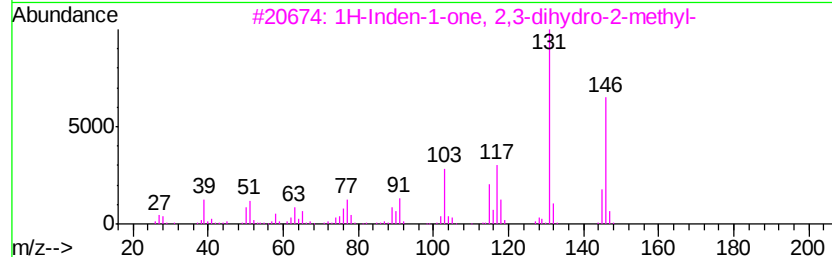
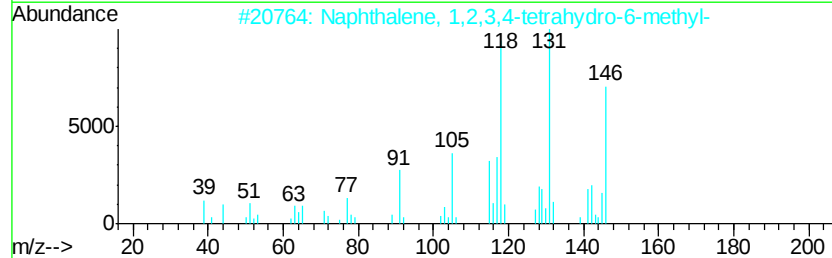
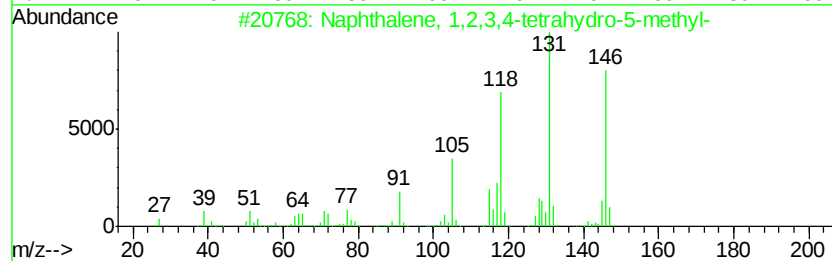
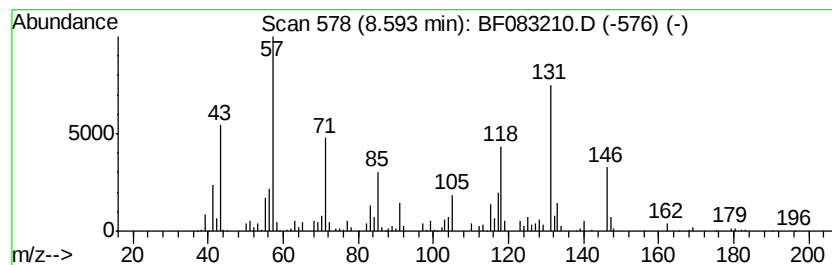
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Naphthalene, 1,2,3,4-tetra... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.59	13.89 ng	1621160	Naphthalene-d8	7.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	70
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	55
3		1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	41
4		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	38
5		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	30



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
Data File : BF083210.D
Acq On : 23 Nov 2015 18:12
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Misc :
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Instrument :
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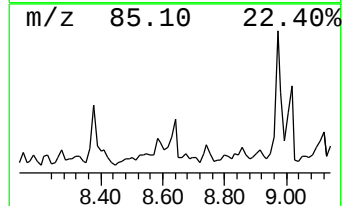
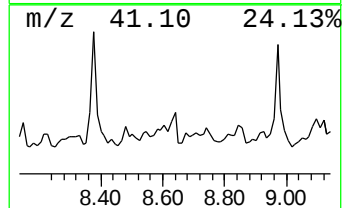
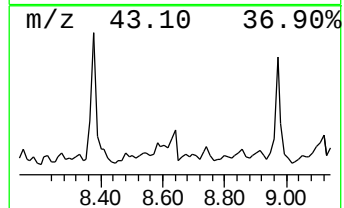
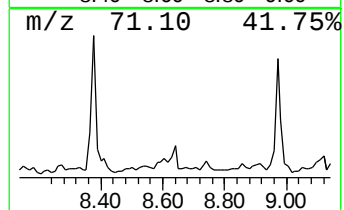
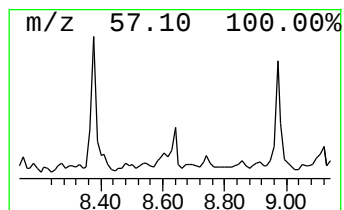
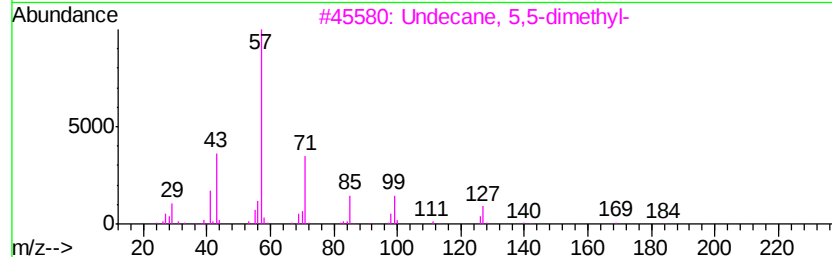
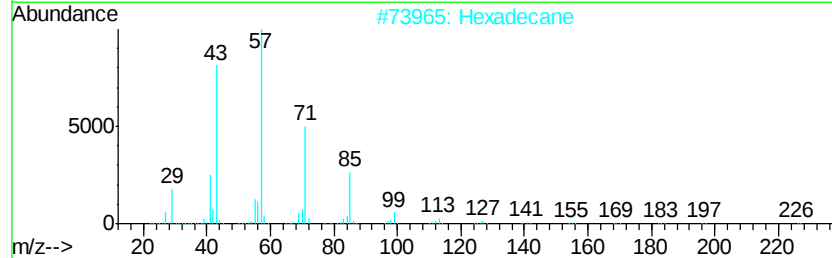
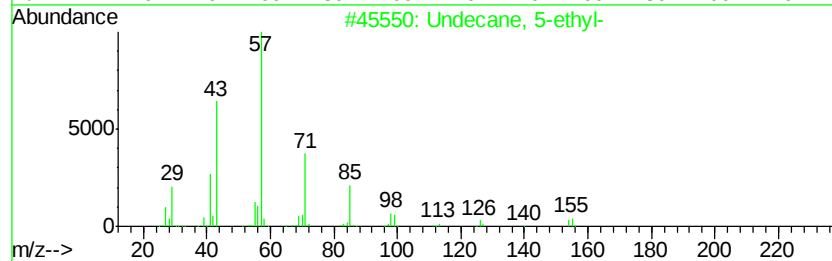
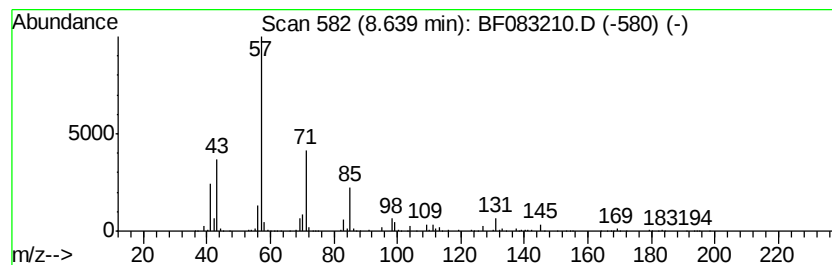
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Undecane, 5-ethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.64	15.83 ng	1847830	Napthalene-d8	7.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 5-ethyl-	184	C13H28	017453-94-0	72
2		Hexadecane	226	C16H34	000544-76-3	64
3		Undecane, 5,5-dimethyl-	184	C13H28	017312-73-1	64
4		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	59
5		Octane, 4-ethyl-	142	C10H22	015869-86-0	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
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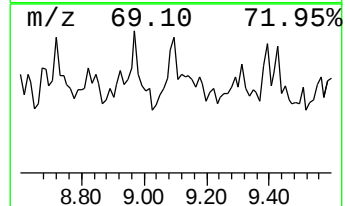
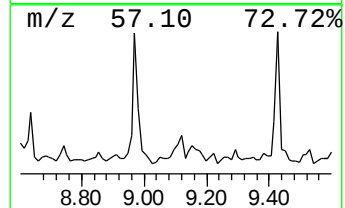
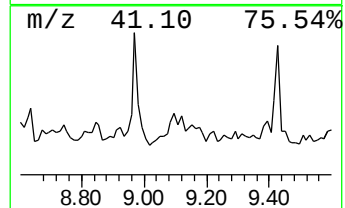
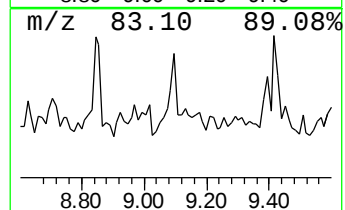
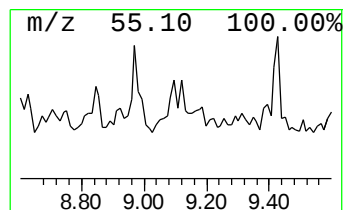
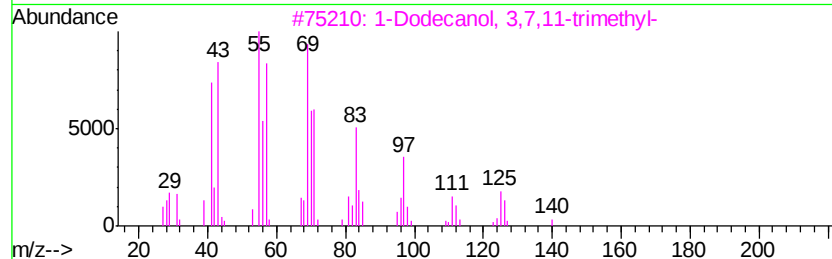
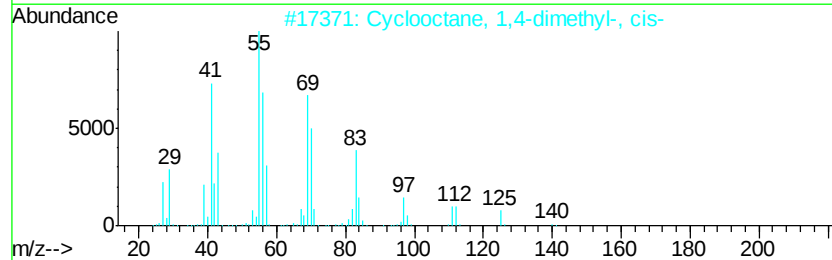
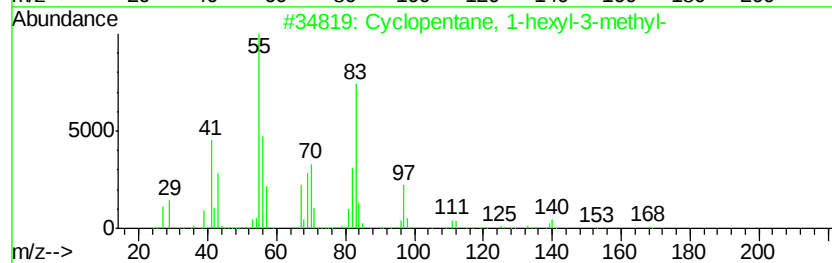
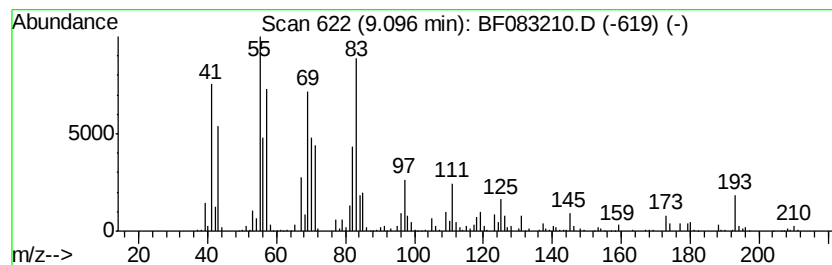
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Cyclopentane, 1-hexyl-3-met... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.10	17.62 ng	2701780	Acenaphthene-d10	9.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1-hexyl-3-methyl-	168	C12H24	061142-68-5	86
2		Cyclooctane, 1,4-dimethyl-, cis-	140	C10H20	013151-99-0	46
3		1-Dodecanol, 3,7,11-trimethyl-	228	C15H32O	006750-34-1	46
4		1-Pentadecene	210	C15H30	013360-61-7	43
5		Cyclohexane, 1,1'-(1-ethyl-1,2-e...	222	C16H30	054890-01-6	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
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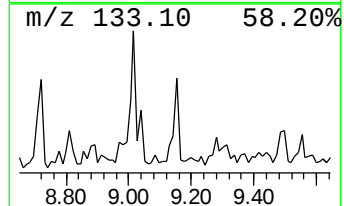
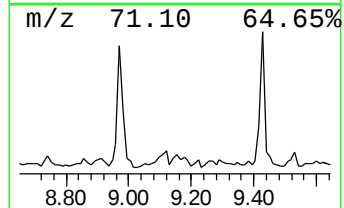
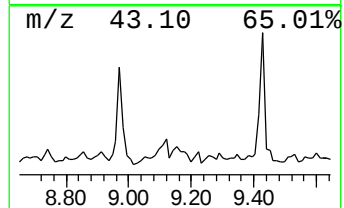
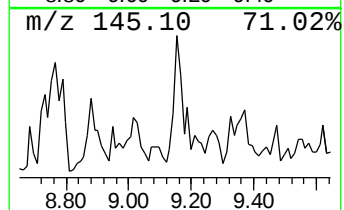
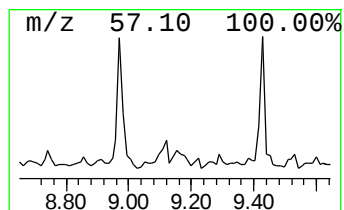
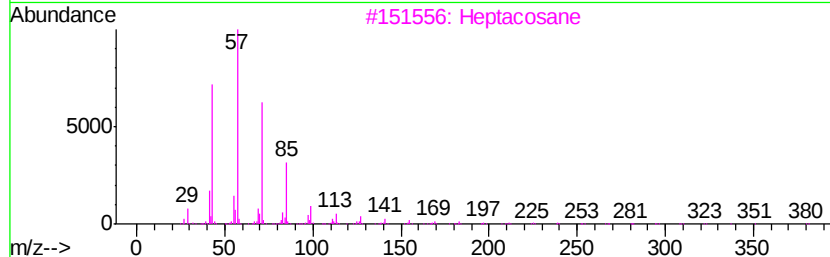
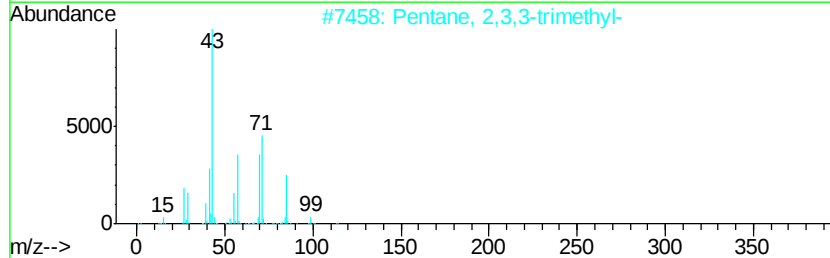
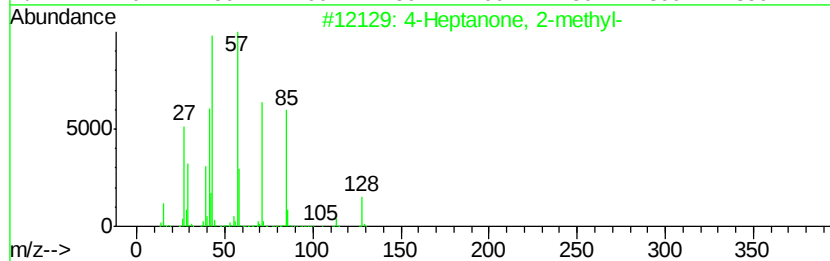
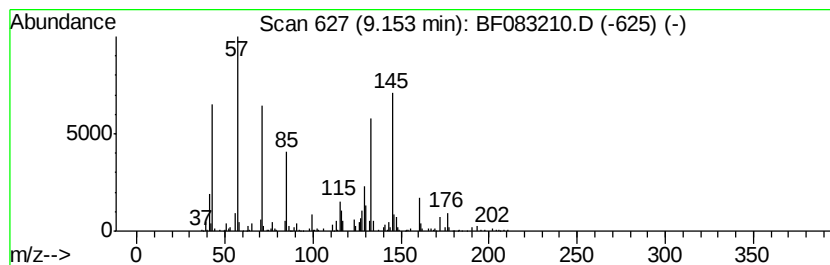
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown9.15 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.15	11.66 ng	1787250	Acenaphthene-d10	9.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Heptanone, 2-methyl-	128	C8H16O	000626-33-5	27
2		Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	22
3		Heptacosane	380	C27H56	000593-49-7	22
4		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	20
5		Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	20



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112315\
Data File : BF083210.D
Acq On : 23 Nov 2015 18:12
Operator : UM/IZ
Sample : G4437-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-09

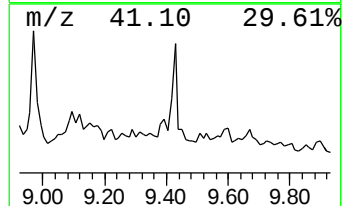
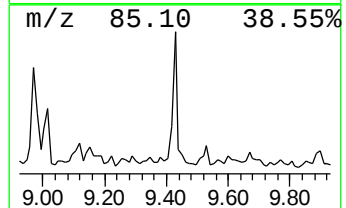
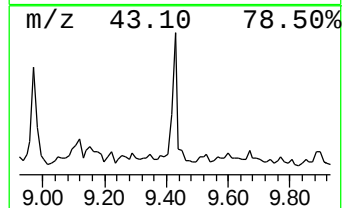
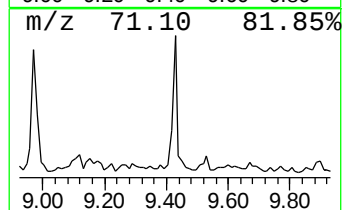
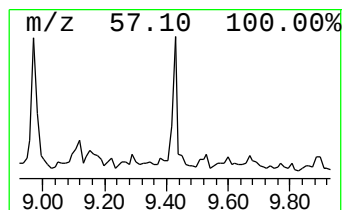
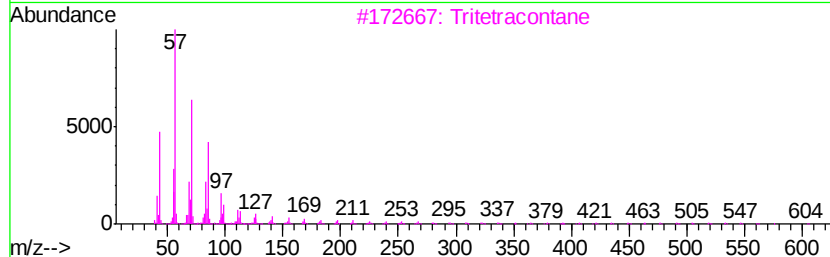
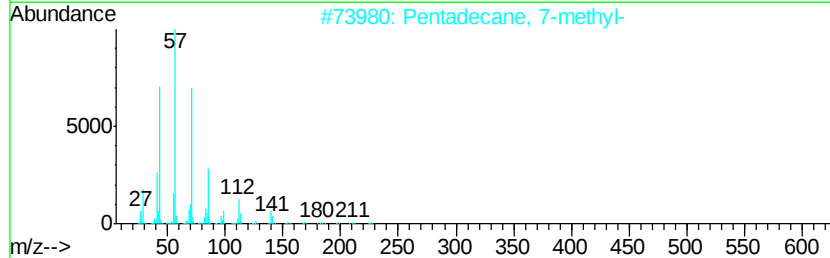
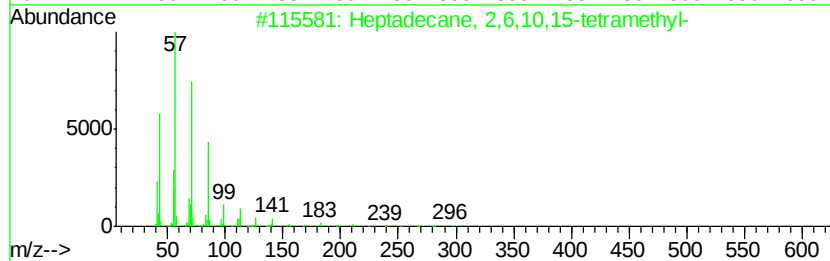
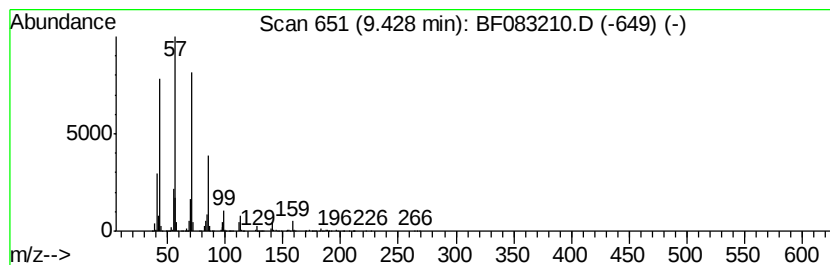
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Heptadecane, 2,6,10,15-tetr... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.43	26.04 ng	3992250	Acenaphthene-d10	9.68

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44		054833-48-6	90
2	Pentadecane, 7-methyl-	226	C16H34		006165-40-8	90
3	Tritetracontane	605	C43H88		007098-21-7	83
4	Eicosane	282	C20H42		000112-95-8	83
5	Decane, 2,3,5-trimethyl-	184	C13H28		062238-11-3	78



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112315\
Data File : BF083210.D
Acq On : 23 Nov 2015 18:12
Operator : UM/IZ
Sample : G4437-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-09

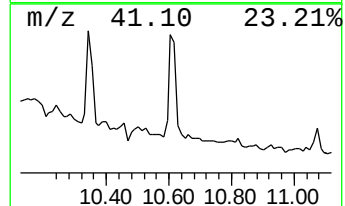
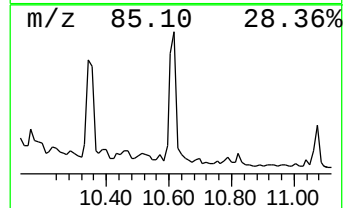
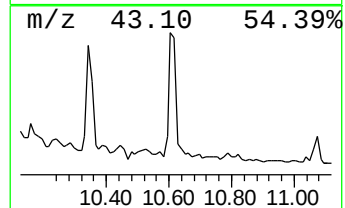
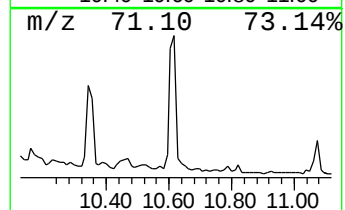
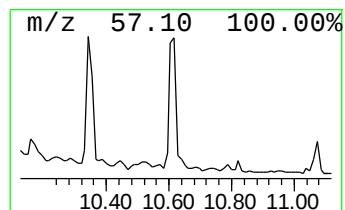
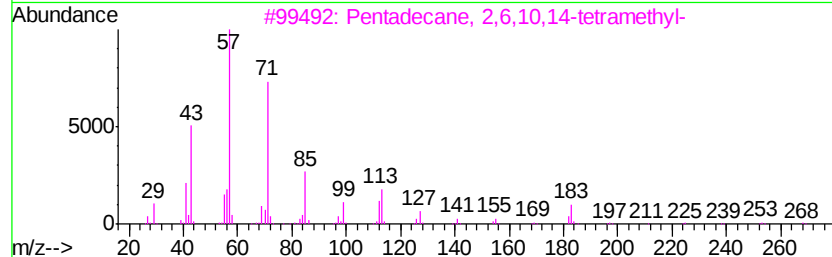
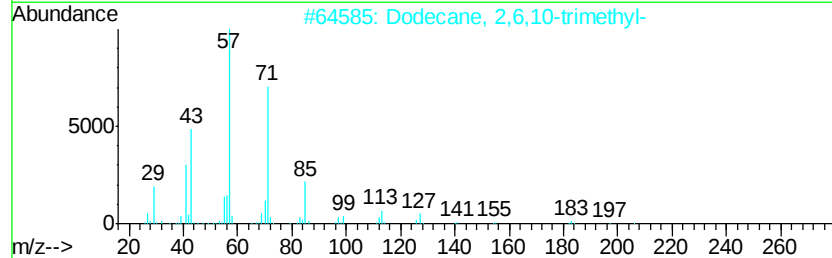
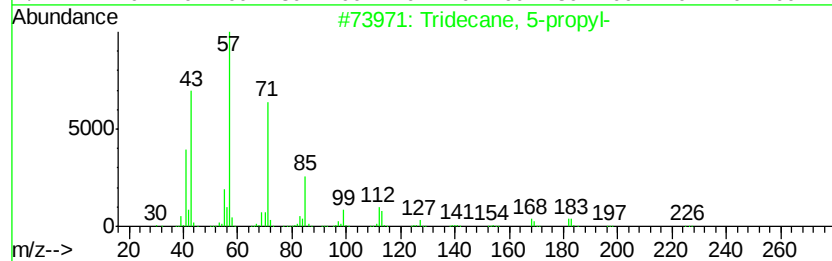
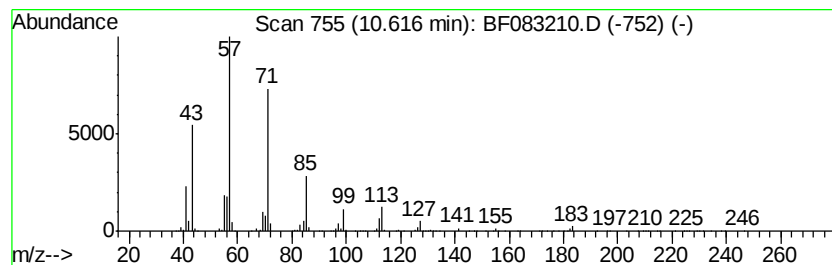
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Tridecane, 5-propyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.62	26.73 ng	2153890	Phenanthrene-d10	11.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 5-propyl-	226	C16H34	055045-11-9	91
2		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
3		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	86
4		Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	74
5		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112315\
 Data File : BF083210.D
 Acq On : 23 Nov 2015 18:12
 Operator : UM/IZ
 Sample : G4437-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-09

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.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-Pentanone, 4-hy...	4.78	22.8	ng	1494580	1	6.64	1309610	20.0
unknown6.41	6.41	82.2	ng	5380900	1	6.64	1309610	20.0
1-Ethyl-2,2,6-tri...	6.91	17.7	ng	1157560	1	6.64	1309610	20.0
Naphthalene, deca...	7.04	10.4	ng	680099	1	6.64	1309610	20.0
unknown7.30	7.30	10.2	ng	1184730	2	7.93	2333980	20.0
cis-Decalin, 2-sy...	7.45	13.7	ng	1602290	2	7.93	2333980	20.0
Naphthalene, deca...	7.56	22.6	ng	2638780	2	7.93	2333980	20.0
Oxirane, [(dodecy...	7.77	9.9	ng	1150700	2	7.93	2333980	20.0
unknown7.83	7.83	13.8	ng	1604150	2	7.93	2333980	20.0
Heptane, 3-(bromo...	8.01	19.2	ng	2245690	2	7.93	2333980	20.0
unknown8.23	8.23	11.7	ng	1361170	2	7.93	2333980	20.0
Octane, 3,6-dimet...	8.38	54.2	ng	6322640	2	7.93	2333980	20.0
unknown8.48	8.48	12.8	ng	1498670	2	7.93	2333980	20.0
Naphthalene, 1,2,...	8.59	13.9	ng	1621160	2	7.93	2333980	20.0
Undecane, 5-ethyl-	8.64	15.8	ng	1847830	2	7.93	2333980	20.0
Cyclopentane, 1-h...	9.10	17.6	ng	2701780	3	9.68	3066620	20.0
unknown9.15	9.15	11.7	ng	1787250	3	9.68	3066620	20.0
Heptadecane, 2,6,...	9.43	26.0	ng	3992250	3	9.68	3066620	20.0
Tridecane, 5-propyl-	10.62	26.7	ng	2153890	4	11.15	1611640	20.0