

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120517\
 Data File : BF101134.D
 Acq On : 5 Dec 2017 19:42
 Operator : SJ/JU
 Sample : I6709-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ENV-105-6(10-15)

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-BF113017.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	5.087	507	510	526	rBB	69347	107997	6.93%	0.471%
2	5.475	571	576	579	rBV	1360932	1455598	93.39%	6.344%
3	6.487	742	748	751	rBV	1314175	1528526	98.07%	6.662%
4	6.622	766	771	774	rVB	1660024	1558670	100.00%	6.794%
5	6.745	788	792	797	rBV2	32994	43517	2.79%	0.190%
6	6.804	797	802	806	rBV4	25540	38551	2.47%	0.168%
7	6.845	806	809	813	rBV	368658	338826	21.74%	1.477%
8	6.910	816	820	821	rBV3	20602	24262	1.56%	0.106%
9	6.975	826	831	832	rBV2	37301	48121	3.09%	0.210%
10	7.004	832	836	839	rVV	1257854	1117795	71.71%	4.872%
11	7.075	844	848	850	rVB4	19281	25347	1.63%	0.110%
12	7.216	867	872	876	rBV4	33381	66268	4.25%	0.289%
13	7.263	876	880	882	rVV2	40915	52383	3.36%	0.228%
14	7.286	882	884	888	rVB3	34954	41272	2.65%	0.180%
15	7.351	892	895	899	rBV3	66388	96821	6.21%	0.422%
16	7.416	899	906	908	rBV	939483	987977	63.39%	4.306%
17	7.439	908	910	913	rVB2	86985	85473	5.48%	0.373%
18	7.486	913	918	921	rBV6	55082	64245	4.12%	0.280%
19	7.534	923	926	929	rVB3	65204	68415	4.39%	0.298%
20	7.569	929	932	933	rBV	68238	68609	4.40%	0.299%
21	7.586	933	935	938	rVB3	28730	23844	1.53%	0.104%
22	7.628	938	942	945	rVB	89865	81894	5.25%	0.357%
23	7.663	945	948	950	rBV2	38303	43725	2.81%	0.191%
24	7.722	952	958	963	rVB5	140079	217700	13.97%	0.949%
25	7.775	963	967	972	rVB4	69072	105875	6.79%	0.461%
26	7.828	972	976	977	rBV4	42663	56940	3.65%	0.248%
27	7.886	983	986	988	rVB2	85861	68713	4.41%	0.299%
28	7.951	994	997	1002	rVB2	80739	100919	6.47%	0.440%
29	8.045	1010	1013	1015	rVB3	53795	53554	3.44%	0.233%
30	8.069	1015	1017	1019	rBV	81149	67430	4.33%	0.294%
31	8.133	1024	1028	1030	rVB	425520	395029	25.34%	1.722%
32	8.181	1030	1036	1038	rBV4	62710	78820	5.06%	0.344%
33	8.210	1038	1041	1044	rBV2	97411	124465	7.99%	0.542%
34	8.269	1049	1051	1054	rVV4	74128	77446	4.97%	0.338%

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ENV-105-6(10-15)

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-BF113017.M
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35	8.304	1054	1057	1059	rVV3	120345	102763	6.59%	0.448%
36	8.333	1059	1062	1064	rVB	347130	287576	18.45%	1.253%
37	8.363	1064	1067	1069	rBV	66019	70761	4.54%	0.308%
38	8.404	1073	1074	1076	rVB	75641	55841	3.58%	0.243%
39	8.516	1090	1093	1095	rBV2	120938	123696	7.94%	0.539%
40	8.545	1096	1098	1099	rVV2	77133	53435	3.43%	0.233%
41	8.569	1099	1102	1104	rVV2	350247	347291	22.28%	1.514%
42	8.586	1104	1105	1108	rVB2	247394	196054	12.58%	0.855%
43	8.633	1111	1113	1115	rVB2	272332	195224	12.53%	0.851%
44	8.669	1115	1119	1122	rBV3	514014	551226	35.37%	2.403%
45	8.757	1130	1134	1136	rBV5	132649	193655	12.42%	0.844%
46	8.786	1136	1139	1141	rVV3	96010	104159	6.68%	0.454%
47	8.875	1149	1154	1157	rBV4	389416	437456	28.07%	1.907%
48	8.916	1157	1161	1165	rBV3	281394	432454	27.75%	1.885%
49	9.010	1174	1177	1180	rBV3	145281	217663	13.96%	0.949%
50	9.122	1194	1196	1199	rVB	314079	281338	18.05%	1.226%
51	9.210	1207	1211	1214	rVB	1637304	1519166	97.47%	6.621%
52	9.286	1220	1224	1227	rBV3	872600	954843	61.26%	4.162%
53	9.598	1274	1277	1281	rVB3	1141547	973934	62.48%	4.245%
54	9.757	1301	1304	1306	rBV3	630344	692853	44.45%	3.020%
55	9.804	1309	1312	1315	rVB2	861067	769416	49.36%	3.354%
56	9.833	1315	1317	1319	rBV3	169420	156559	10.04%	0.682%
57	9.922	1330	1332	1334	rBV2	216283	171100	10.98%	0.746%
58	10.145	1368	1370	1372	rBV3	201227	189672	12.17%	0.827%
59	10.210	1379	1381	1382	rBV2	238929	200564	12.87%	0.874%
60	10.304	1394	1397	1400	rBV2	324224	280243	17.98%	1.221%
61	10.692	1459	1463	1466	rBV2	818255	883178	56.66%	3.849%
62	11.257	1557	1559	1561	rBV3	209151	189451	12.15%	0.826%
63	11.386	1578	1581	1584	rBV	492575	442668	28.40%	1.929%
64	11.616	1618	1620	1624	rBV5	241333	389071	24.96%	1.696%
65	12.551	1777	1779	1784	rVB2	173793	183809	11.79%	0.801%
66	12.745	1810	1812	1815	rBV	74749	67465	4.33%	0.294%
67	12.963	1845	1849	1858	rVB	1245152	1283765	82.36%	5.595%
68	13.839	1995	1998	2002	rVB3	29978	33732	2.16%	0.147%
69	14.021	2025	2029	2034	rVB	305287	305924	19.63%	1.333%
70	15.492	2273	2279	2287	rBV	225871	290422	18.63%	1.266%

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Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

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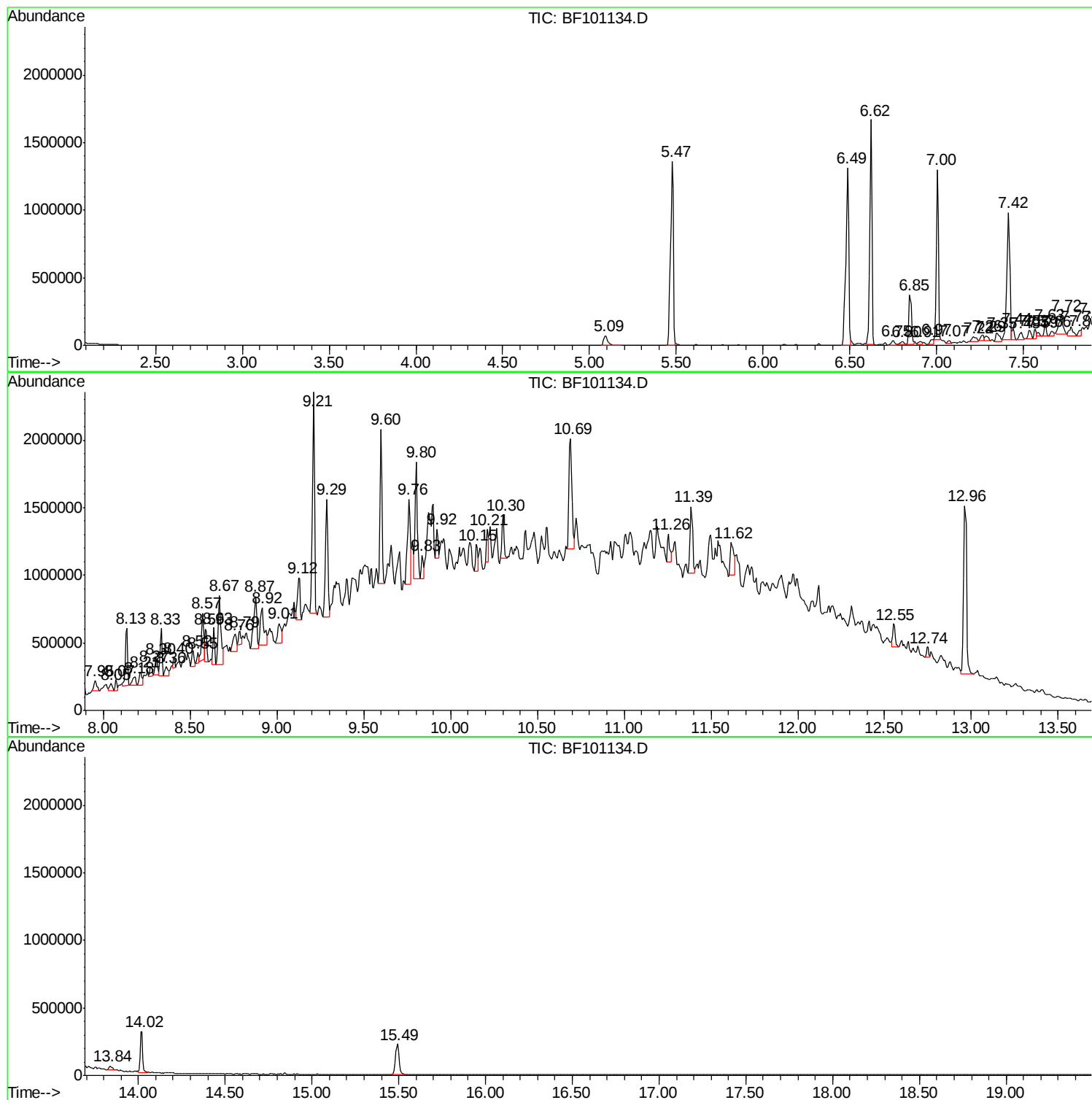
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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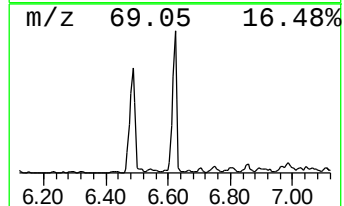
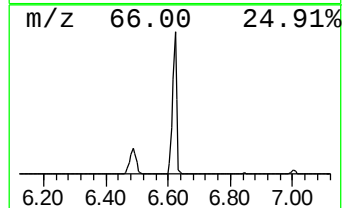
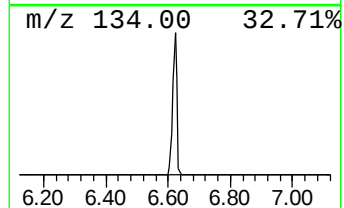
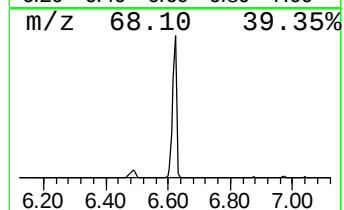
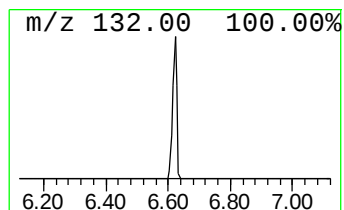
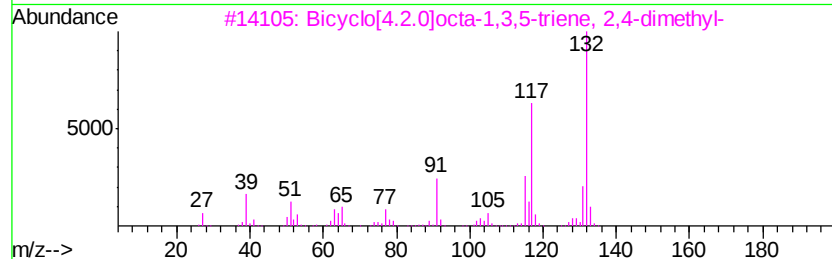
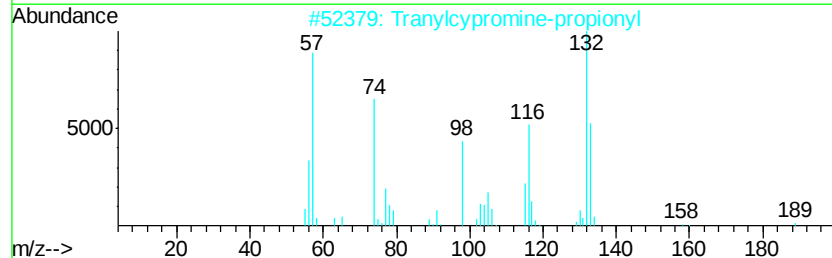
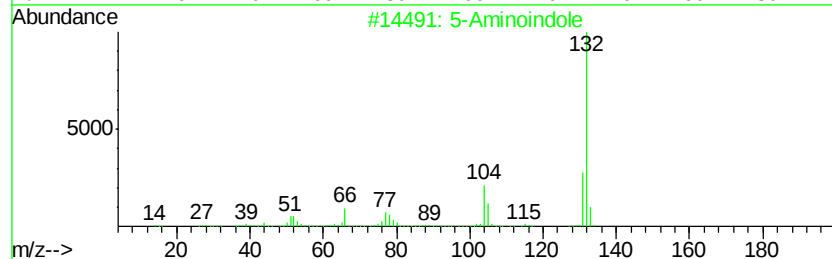
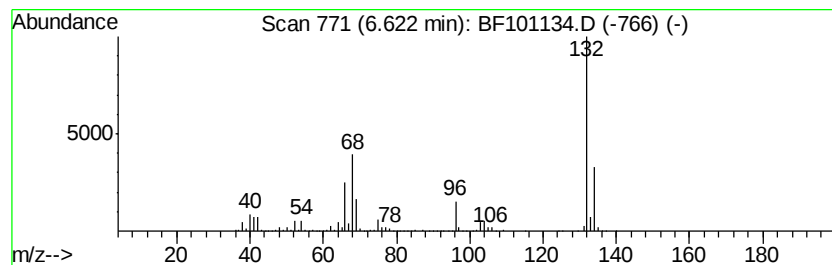
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown6.62 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	92.00 ng	1558670	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Aminoindole	132	C8H8N2	005192-03-0	12
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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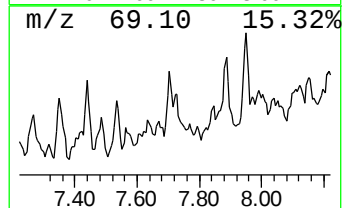
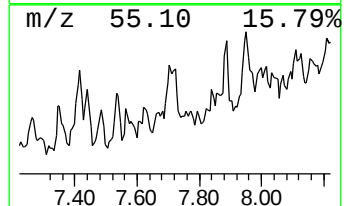
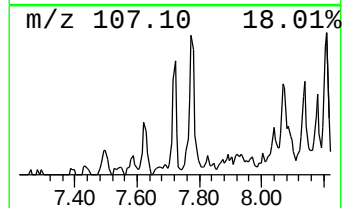
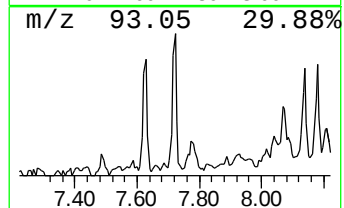
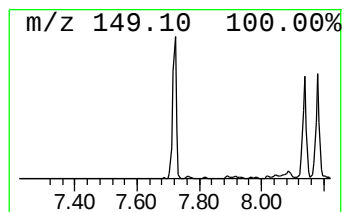
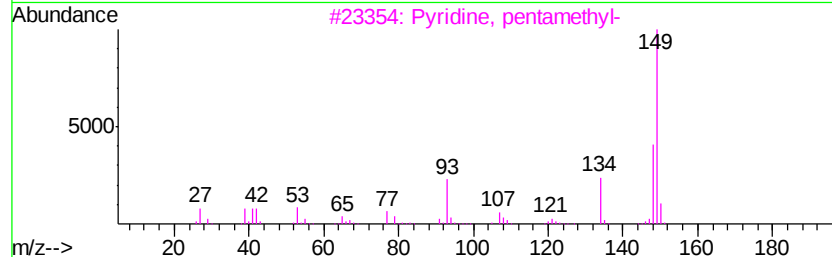
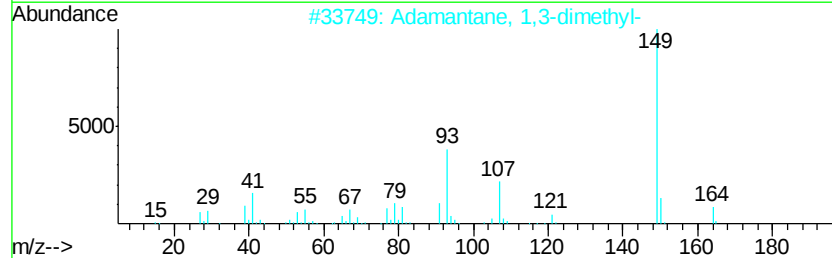
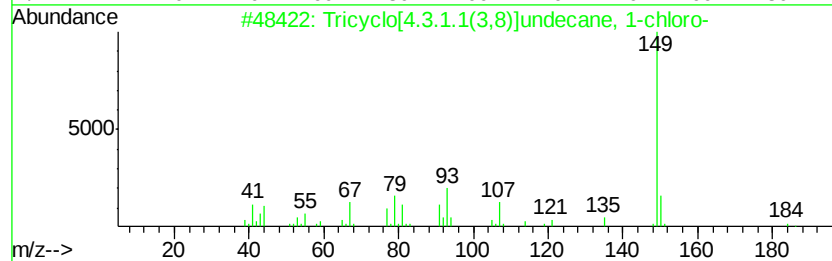
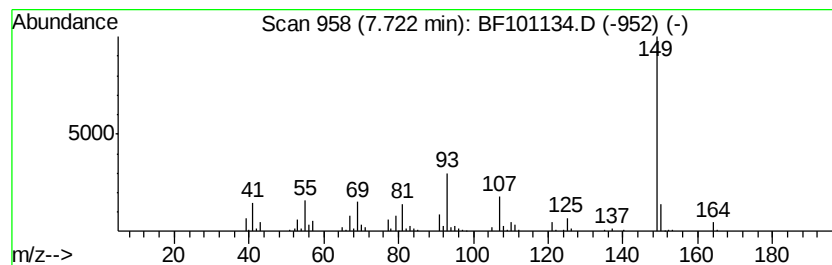
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Tricyclo[4.3.1.1(3,8)]undec... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.72	11.02 ng	217700	Naphthalene-d8	8.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tricyclo[4.3.1.1(3,8)]undecane, ...	184	C11H17Cl	027011-46-7	56
2		Adamantane, 1,3-dimethyl-	164	C12H20	000702-79-4	53
3		Pyridine, pentamethyl-	149	C10H15N	003748-83-2	45
4		Phthalic acid, pent-4-enyl tetra...	430	C27H42O4	1000360-47-3	38
5		Didodecyl phthalate	502	C32H54O4	002432-90-8	38



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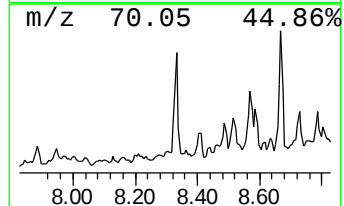
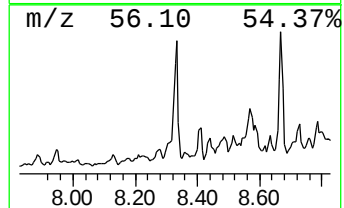
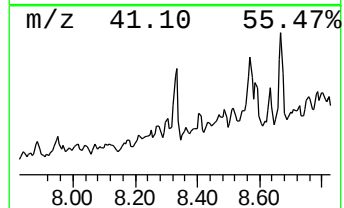
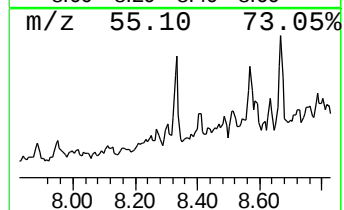
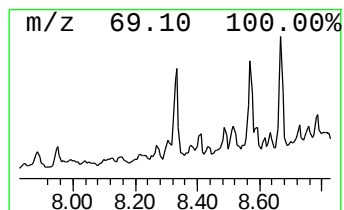
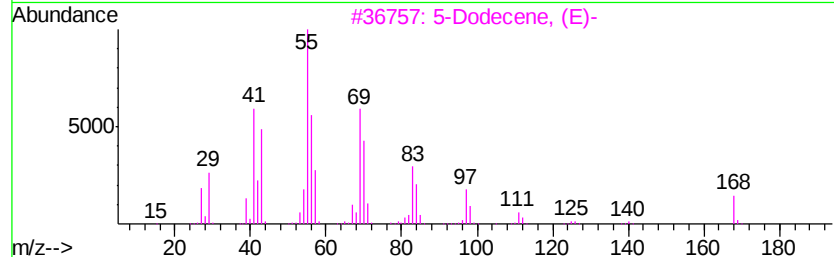
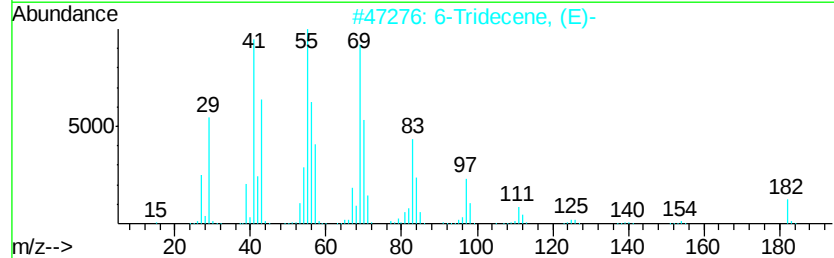
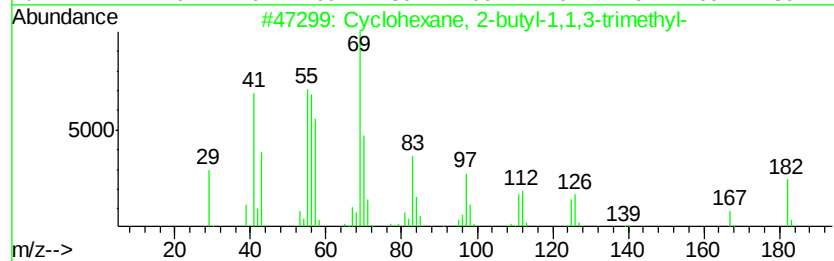
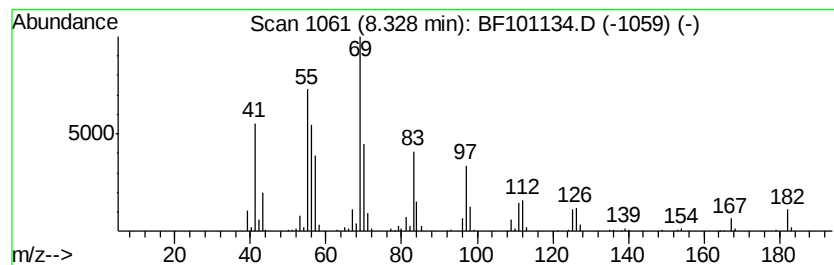
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Cyclohexane, 2-butyl-1,1,3-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.33	14.56 ng	287576	Naphthalene-d8	8.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	94
2		6-Tridecene, (E)-	182	C13H26	006434-76-0	74
3		5-Dodecene, (E)-	168	C12H24	007206-16-8	68
4		Cyclopentane, butyl-	126	C9H18	002040-95-1	64
5		3-Undecene, (E)-	154	C11H22	001002-68-2	58



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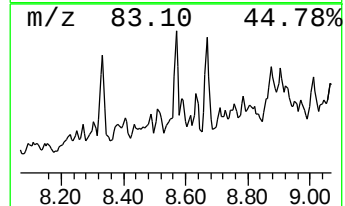
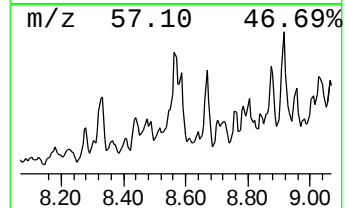
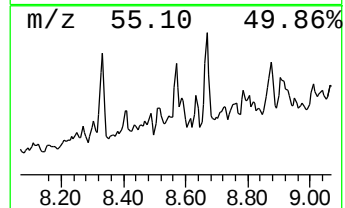
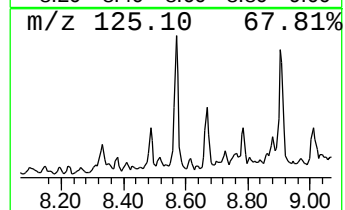
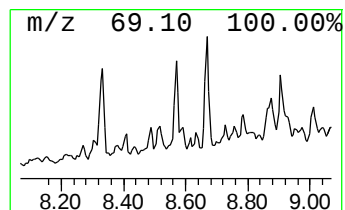
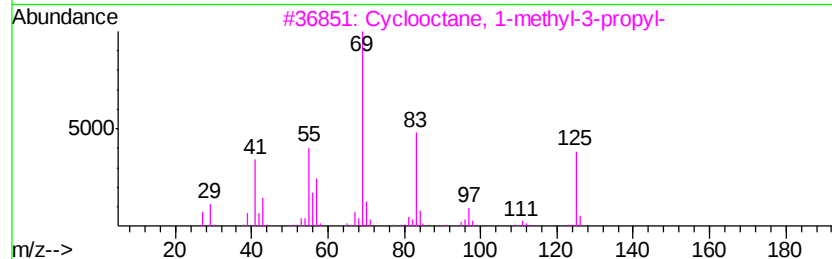
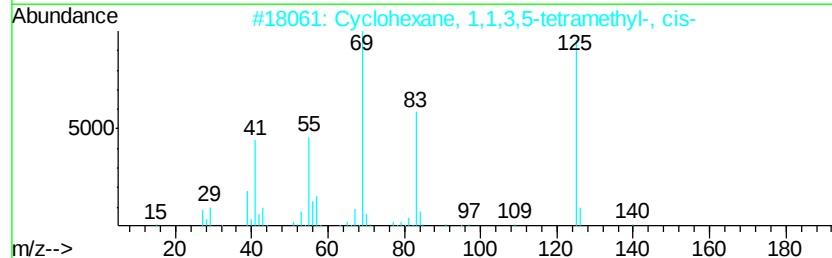
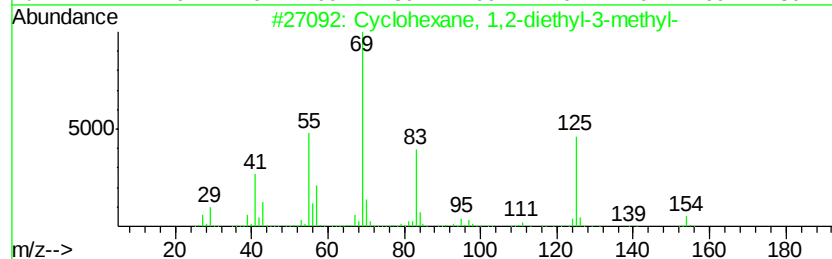
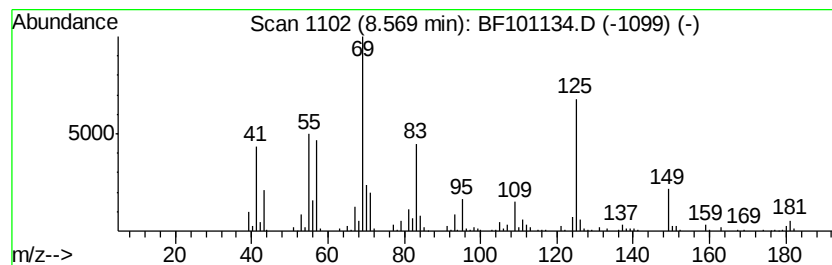
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Cyclohexane, 1,2-diethyl-3-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.57	17.58 ng	347291	Napthalene-d8	8.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,2-diethyl-3-methyl-	154	C11H22	061141-80-8	53
2		Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	52
3		Cyclooctane, 1-methyl-3-propyl-	168	C12H24	255885-37-1	50
4		Zinc, bis[2-(1,1-dimethylethyl)-...	314	C18H34Zn	074793-36-5	50
5		Cyclohexane, 2,4-diethyl-1-methyl-	154	C11H22	061142-70-9	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120517\
Data File : BF101134.D
Acq On : 5 Dec 2017 19:42
Operator : SJ/JU
Sample : I6709-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
ENV-105-6(10-15)

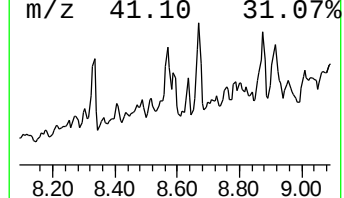
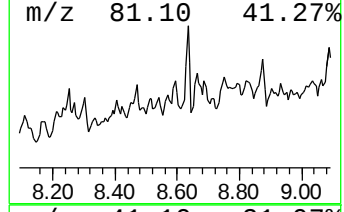
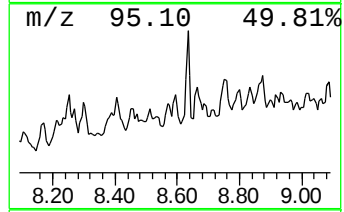
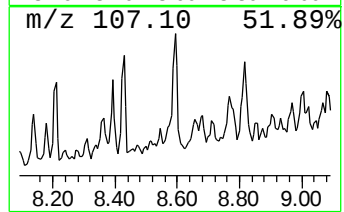
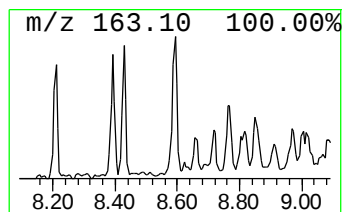
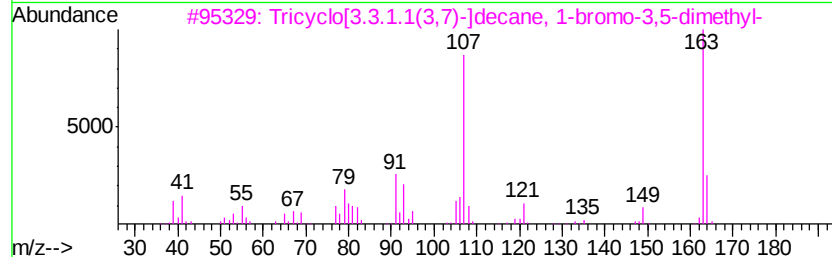
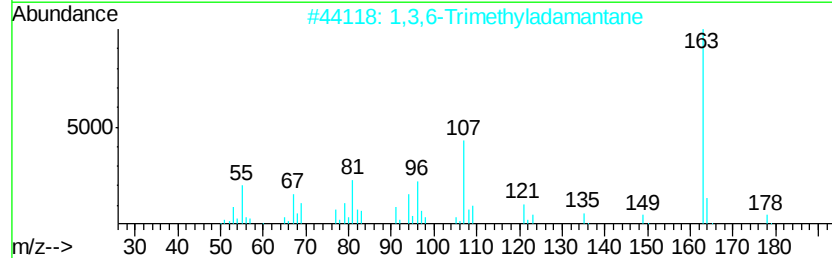
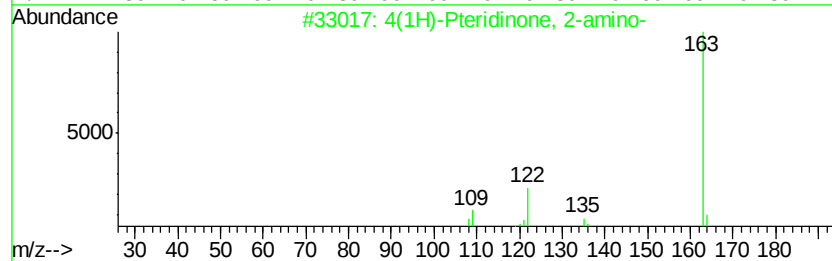
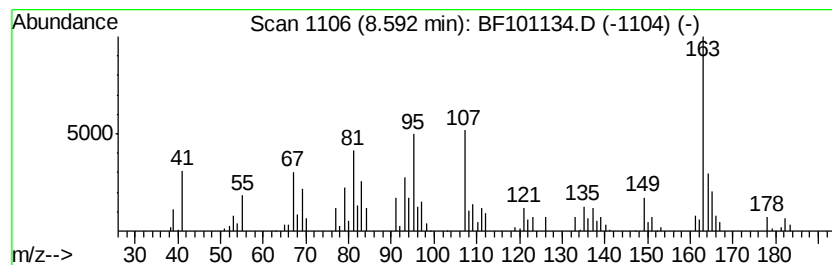
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 unknown8.59 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.59	9.93 ng	196054	Napthalene-d8	8.13

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	4(1H)-Pteridinone, 2-amino-			163	C6H5N5O	002236-60-4	47
2	1,3,6-Trimethyladamantane			178	C13H22	024139-37-5	46
3	Tricvclo[3.3.1.1(3,7)]decane, 1...			242	C12H19Br	000941-37-7	25
4	1-Tridecene			182	C13H26	002437-56-1	25
5	l-Tyrophanamide			180	C9H12N2O2	1000131-25-3	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120517\
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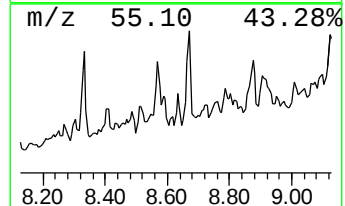
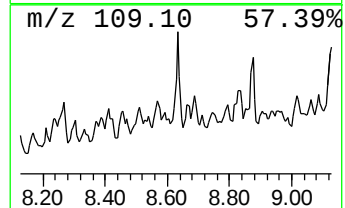
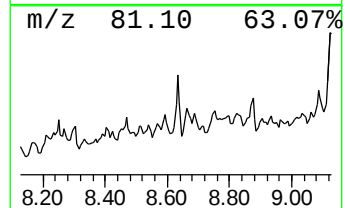
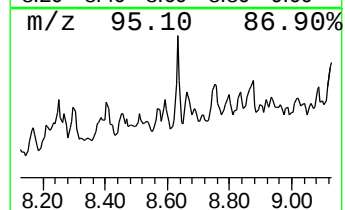
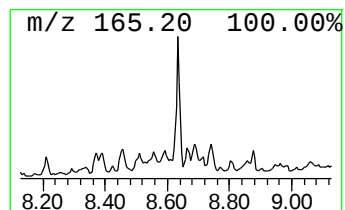
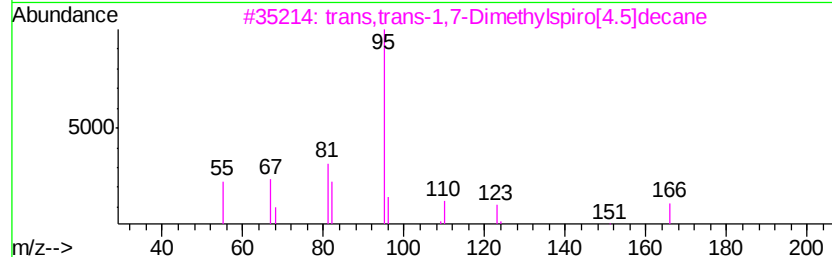
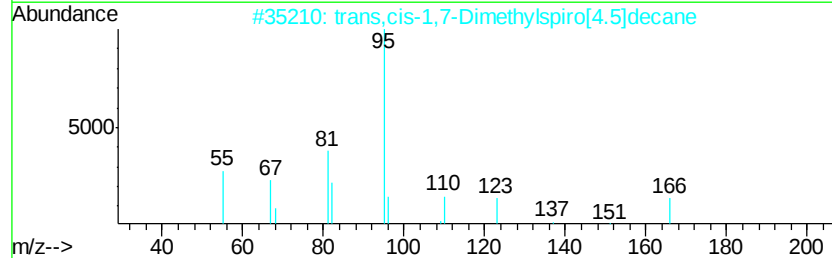
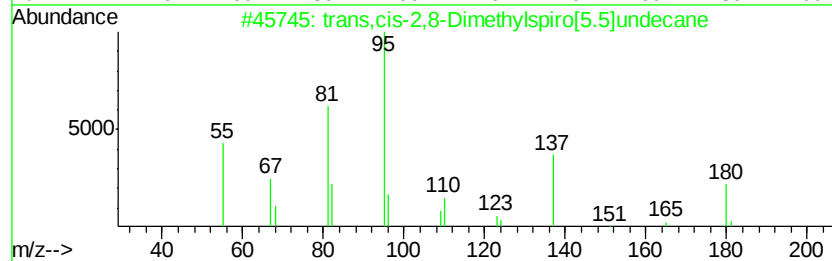
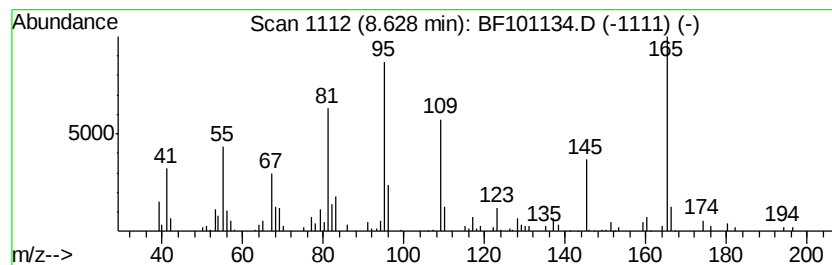
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 unknown8.63 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.63	9.88 ng	195224	Naphthalene-d8	8.13

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans,cis-2,8-Dimethylspiro[5.5]	...	180	C13H24	095472-52-9	46	
2	trans,cis-1,7-Dimethylspiro[4.5]	...	166	C12H22	1000111-72-7	41	
3	trans,trans-1,7-Dimethylspiro[4.5]	...	166	C12H22	1000111-72-6	38	
4	1,3-Dimethyl-1-cyclohexene		110	C8H14	002808-76-6	38	
5	1,4-Pentadiene, 2,3,4-trimethyl-		110	C8H14	072014-90-5	27	



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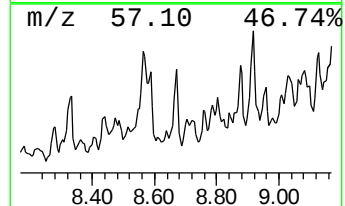
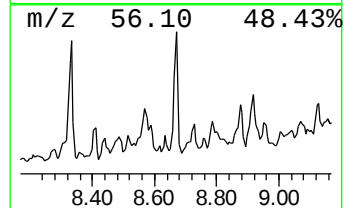
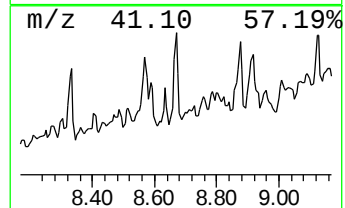
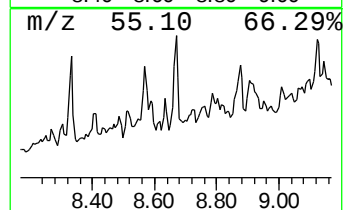
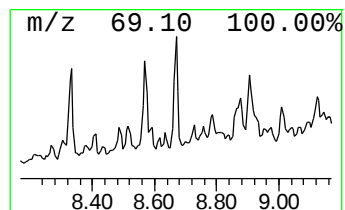
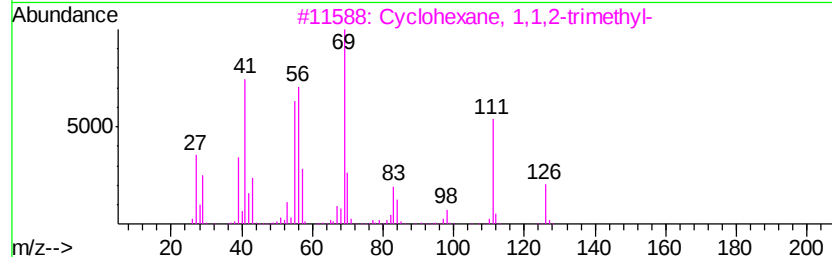
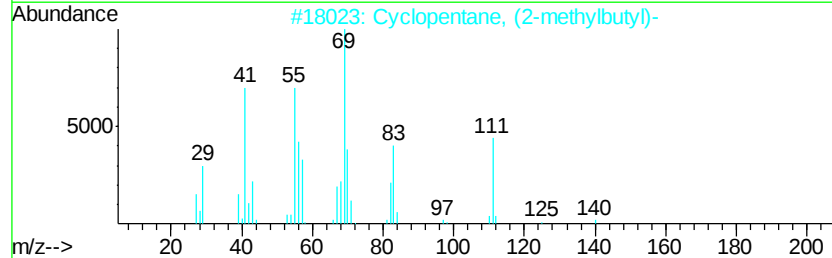
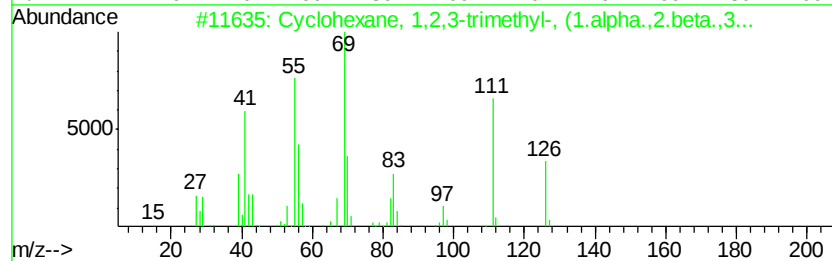
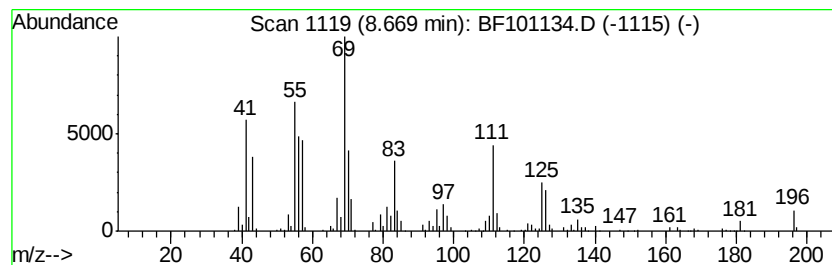
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Cyclohexane, 1,2,3-trimethy... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.67	27.91 ng	551226	Naphthalene-d8	8.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,2,3-trimethyl-, (...)	126	C9H18	001678-81-5	87
2		Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	76
3		Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	53
4		1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	49
5		3-Nonene	126	C9H18	020063-77-8	46



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120517\
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Acq On : 5 Dec 2017 19:42
Operator : SJ/JU
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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
ENV-105-6(10-15)

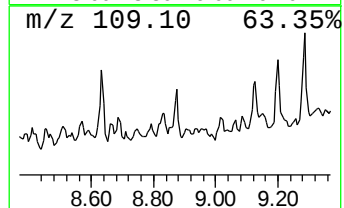
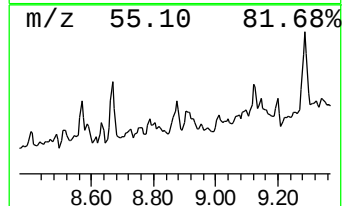
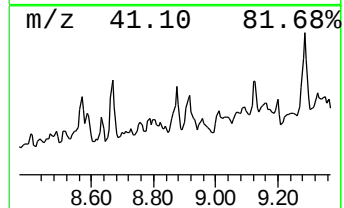
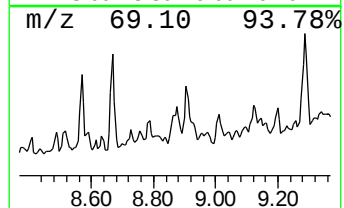
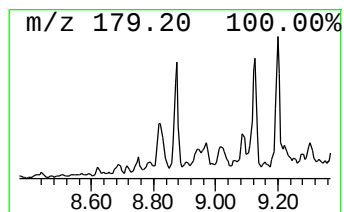
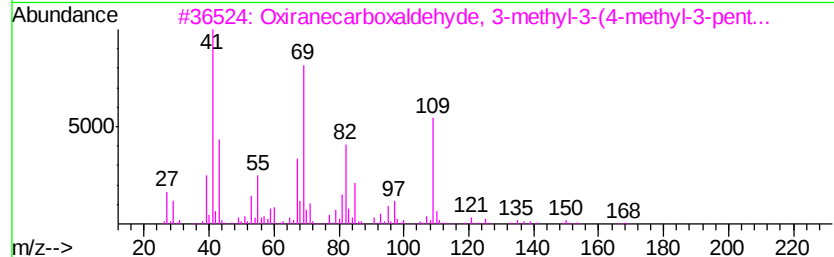
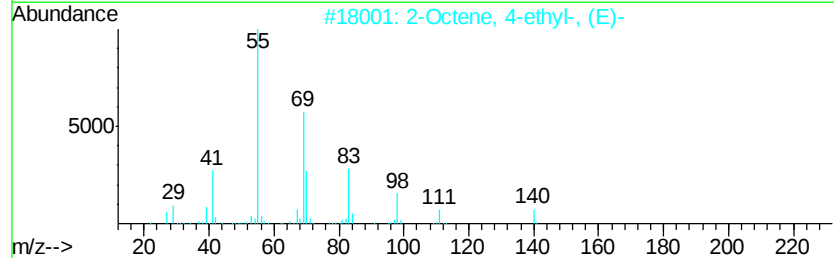
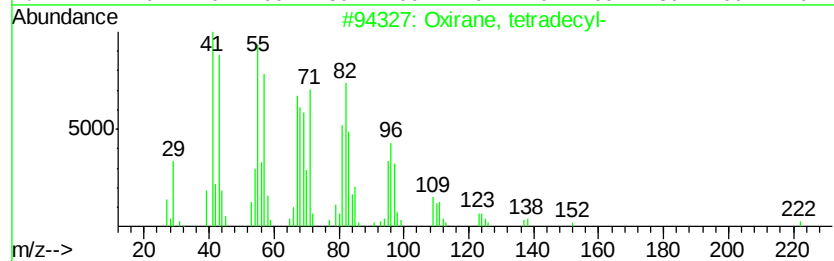
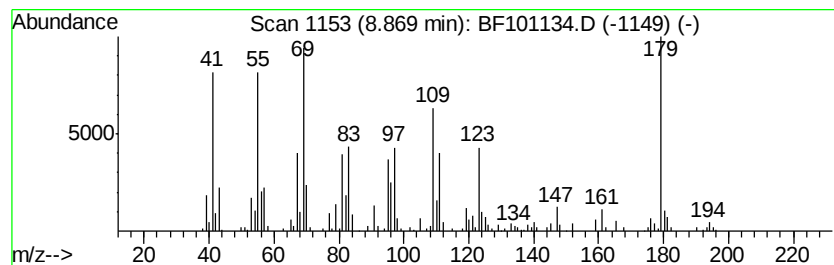
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 unknown8.87 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.87	22.15 ng	437456	Napthalene-d8	8.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxirane, tetradecyl-	240	C16H32O	007320-37-8	30
2		2-Octene, 4-ethyl-, (E)-	140	C10H20	074630-09-4	30
3		Oxiranecarboxaldehyde, 3-methyl-...	168	C10H16O2	016996-12-6	25
4		4-Octene, 2,6-dimethyl-, [S-(Z)]-	140	C10H20	062960-77-4	25
5		n-Tetracosanol-1	354	C24H50O	000506-51-4	18



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120517\
Data File : BF101134.D
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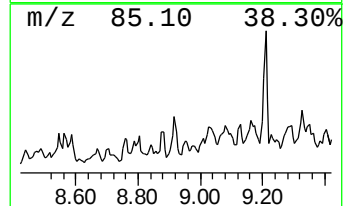
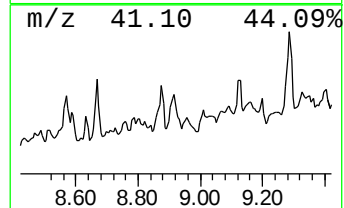
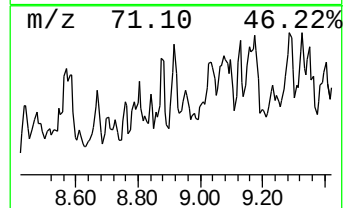
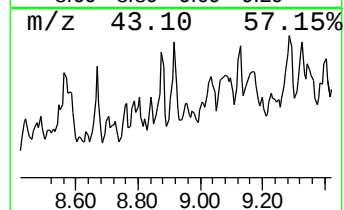
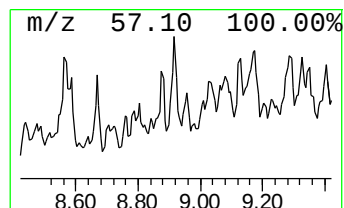
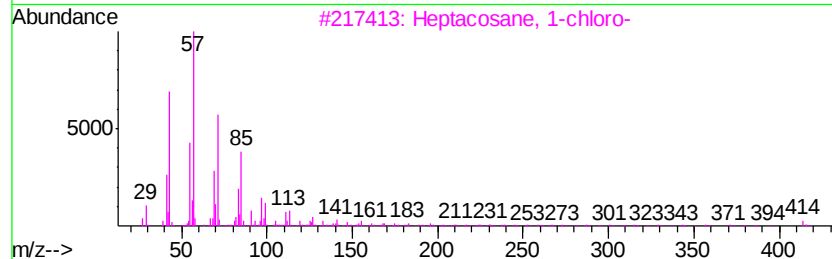
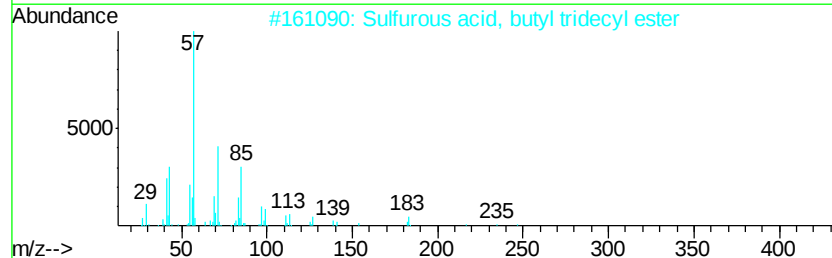
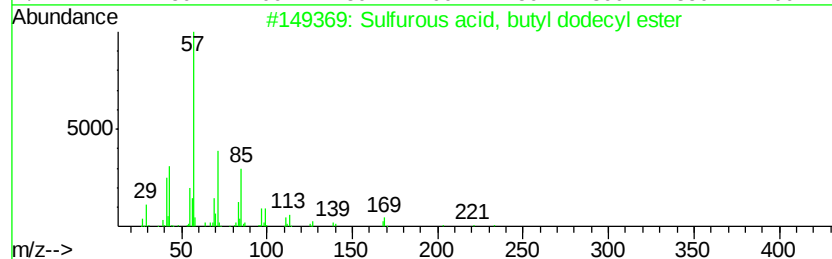
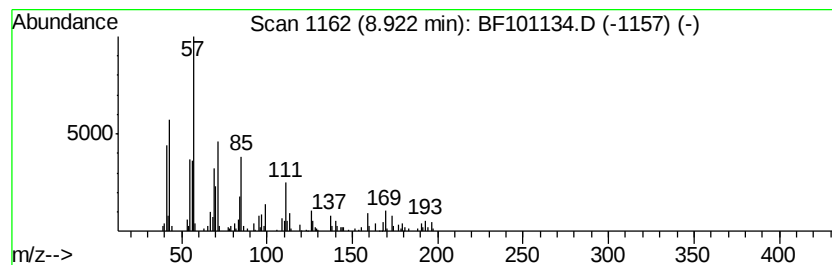
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 unknown8.92 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.92	21.89 ng	432454	Naphthalene-d8	8.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	46
2		Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	43
3		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	43
4		Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	43
5		Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	42



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120517\
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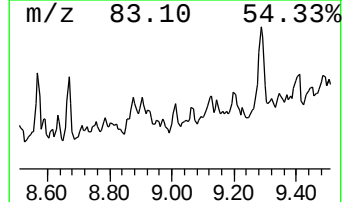
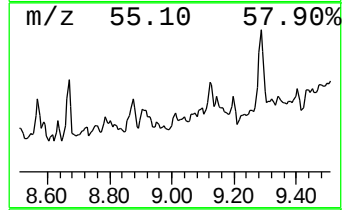
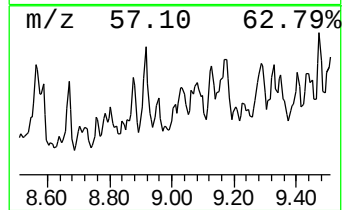
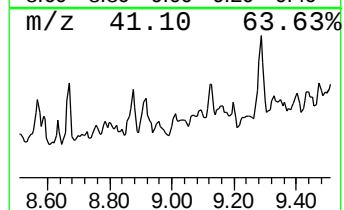
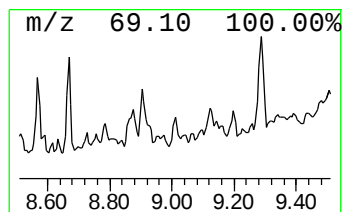
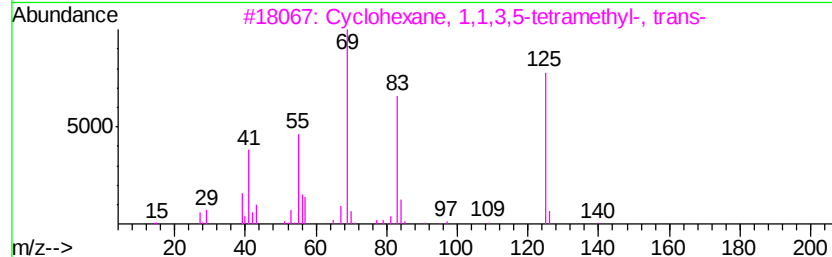
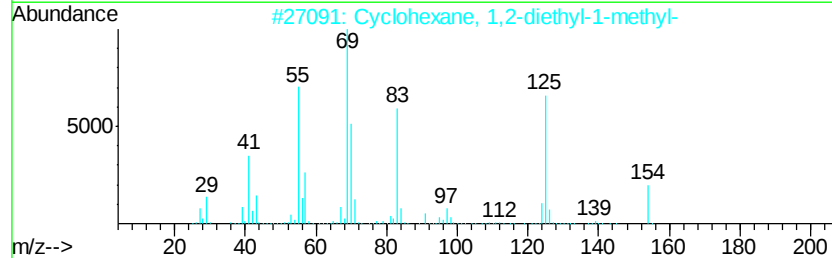
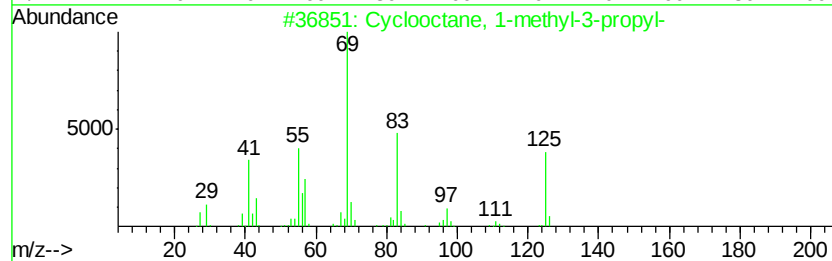
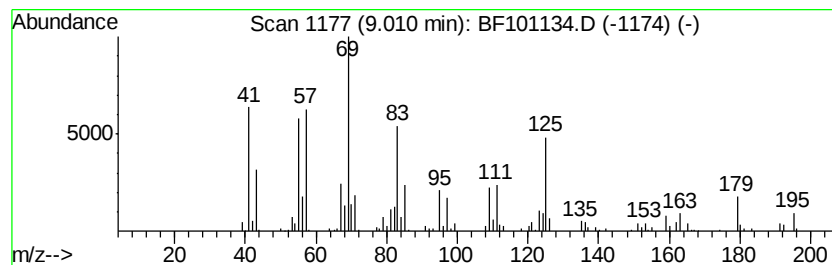
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 unknown9.01 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.01	11.02 ng	217663	Naphthalene-d8	8.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclooctane, 1-methyl-3-propyl-	168	C12H24	255885-37-1	47
2		Cyclohexane, 1,2-diethyl-1-methyl-	154	C11H22	061141-79-5	47
3		Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	47
4		Triallylsilane	152	C9H16Si	001116-62-7	43
5		Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120517\
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Misc :
ALS Vial : 23 Sample Multiplier: 1

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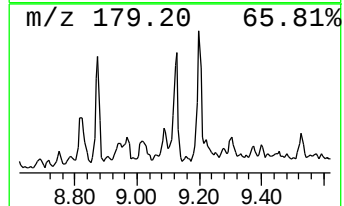
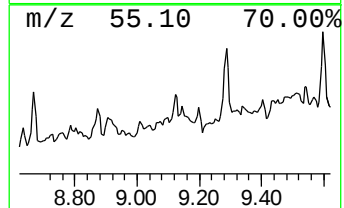
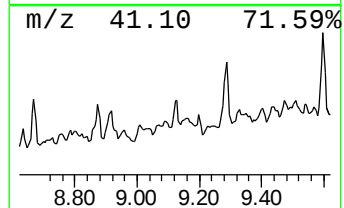
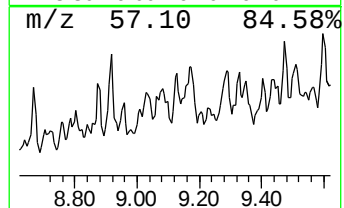
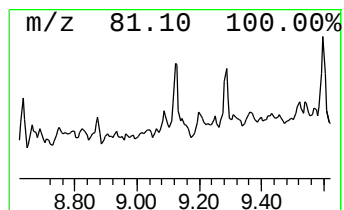
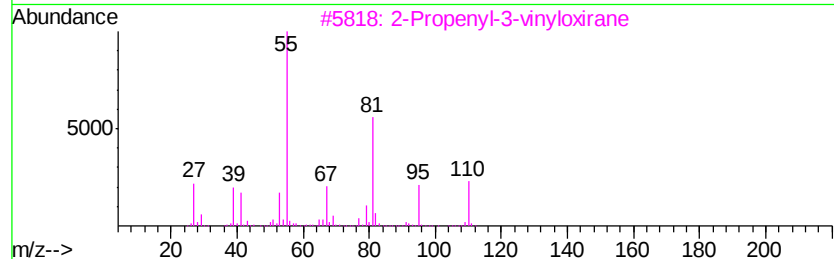
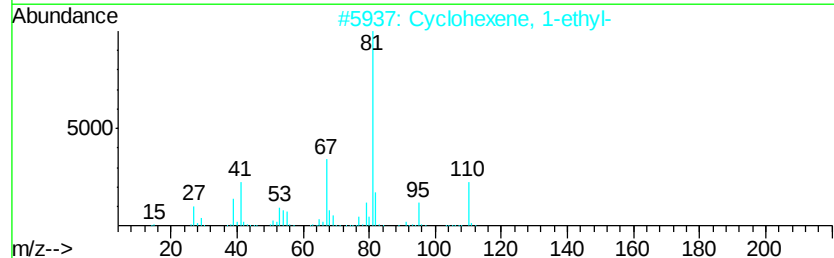
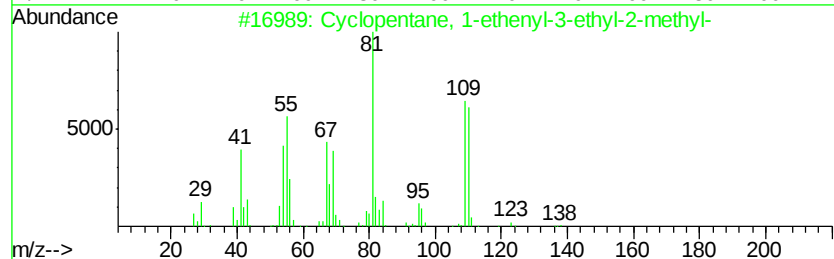
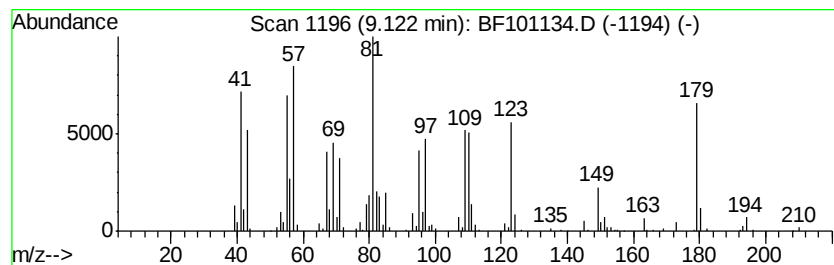
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 unknown9.12 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.12	32.89 ng	281338	Acenaphthene-d10	9.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1-ethenyl-3-ethyl-...	138	C10H18	055170-98-4	38
2		Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	30
3		2-Propenyl-3-vinylloxirane	110	C7H10O	070597-49-8	27
4		Cyclopentanecarboxylic acid, 3-e...	154	C9H14O2	108451-44-1	27
5		Furan, 2,3,5-trimethyl-	110	C7H10O	010504-04-8	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120517\
Data File : BF101134.D
Acq On : 5 Dec 2017 19:42
Operator : SJ/JU
Sample : I6709-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ENV-105-6(10-15)

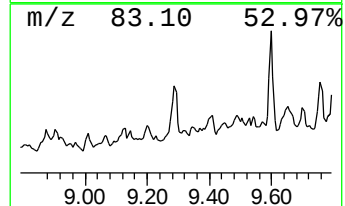
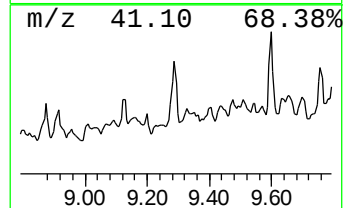
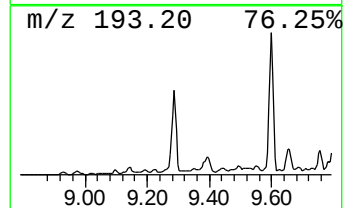
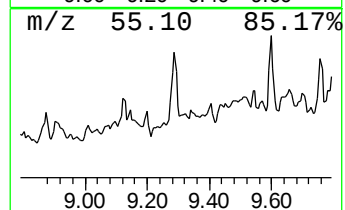
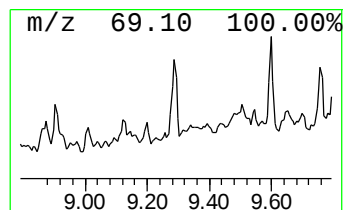
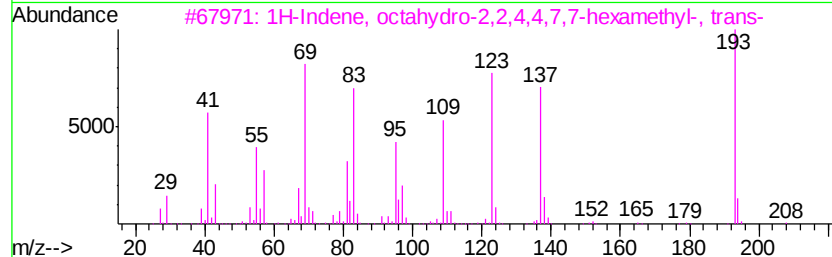
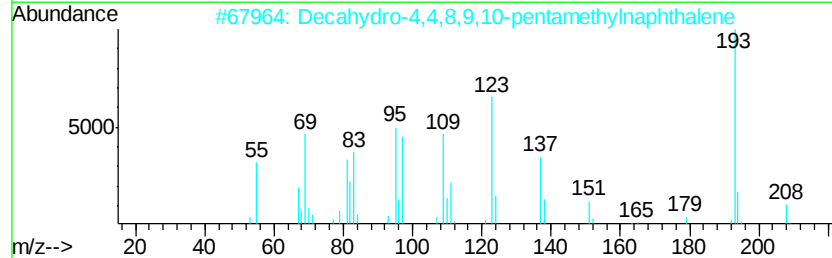
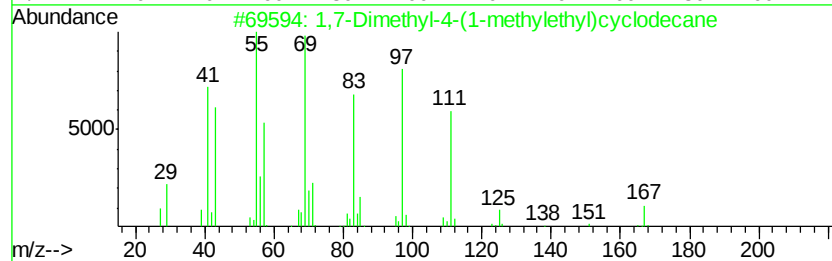
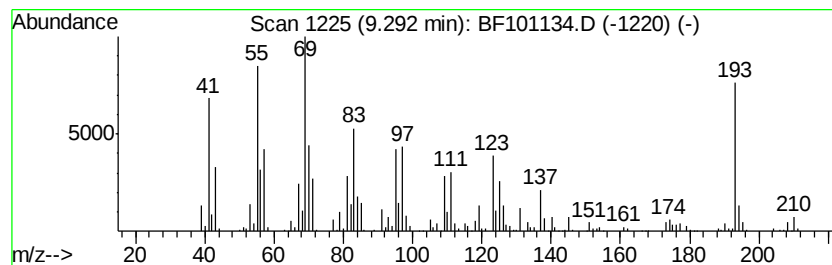
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 unknown9.29 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.29	111.61 ng	954843	Acenaphthene-d10	9.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,7-Dimethyl-4-(1-methylethyl)cyclodecane	210	C15H30	000645-10-3	38
2			Decahydro-4,4,8,9,10-pentamethyl-1H-indene	208	C15H28	080655-44-3	38
3			1H-Indene, octahydro-2,2,4,4,7,7-hexamethyl-, trans-	208	C15H28	054832-83-6	35
4			Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	30
5			Cyclopropanemethanol, .alpha.,2-	182	C12H22O	121959-70-4	30



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Misc :
ALS Vial : 23 Sample Multiplier: 1

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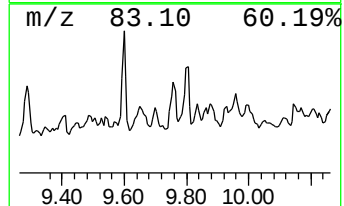
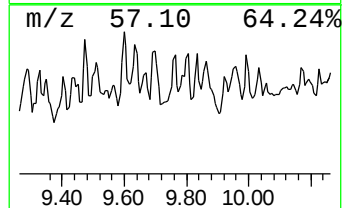
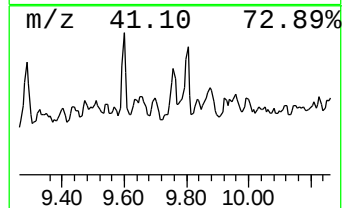
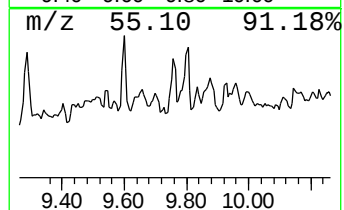
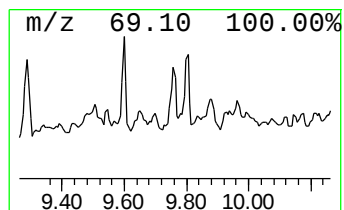
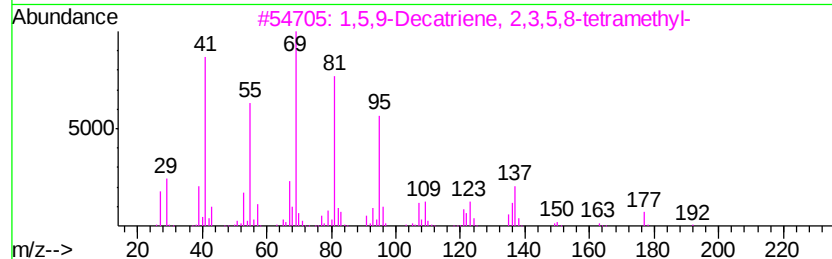
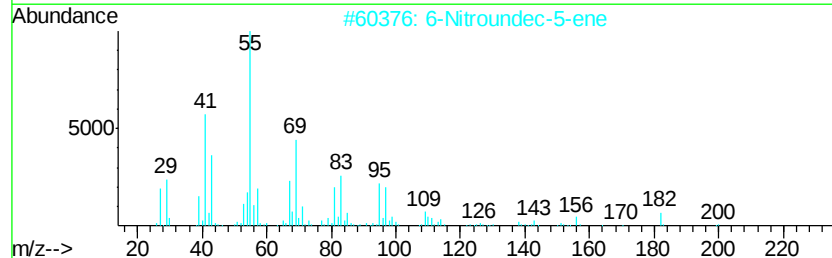
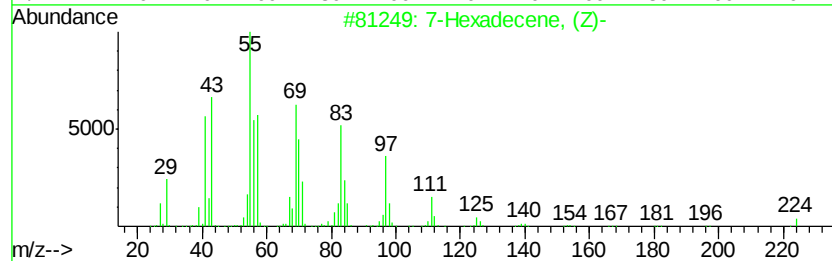
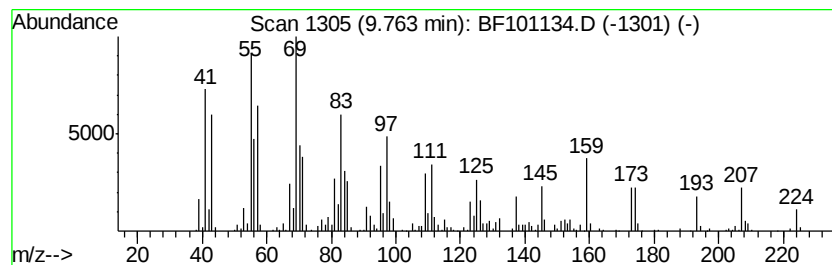
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 unknown9.76 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.76	80.99 ng	692853	Acenaphthene-d10	9.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	7-Hexadecene, (Z)-	224	C16H32	035507-09-6	47
2		6-Nitroundec-5-ene	199	C11H21NO2	1000192-40-3	38
3		1,5,9-Decatriene, 2,3,5,8-tetram...	192	C14H24	230646-72-7	35
4		4-n-Hexylthiane, S,S-dioxide	218	C11H22O2S	070928-52-8	27
5		1,7-Dimethyl-4-(1-methylethyl)cy...	210	C15H30	000645-10-3	27



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120517\
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Acq On : 5 Dec 2017 19:42
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Sample : I6709-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

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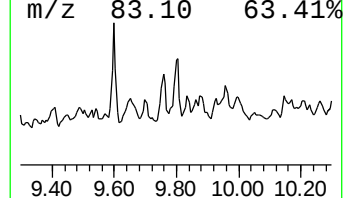
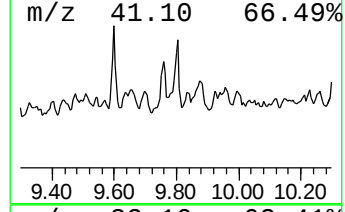
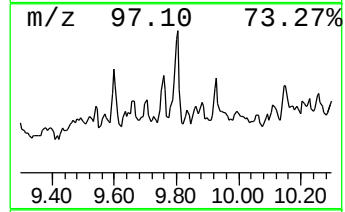
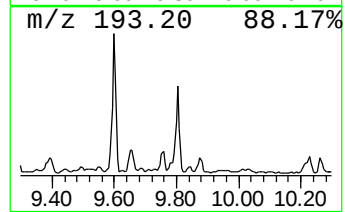
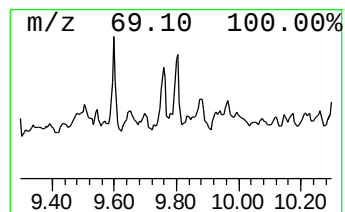
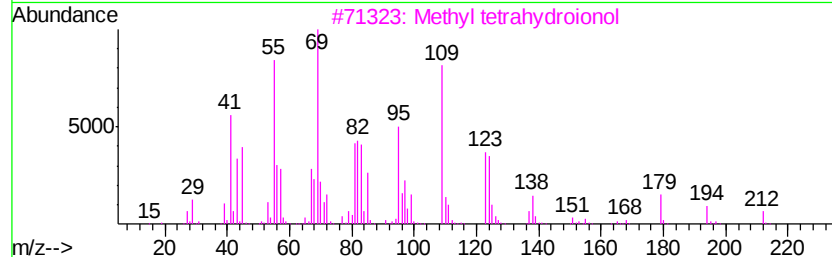
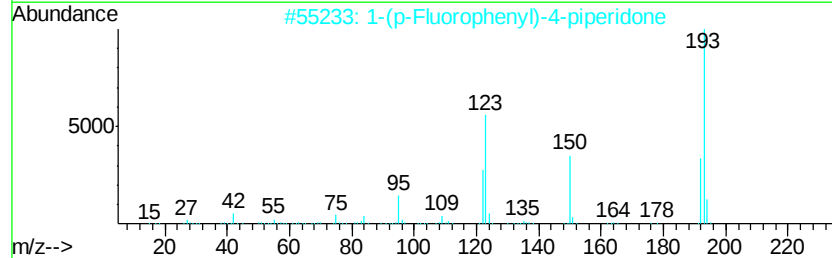
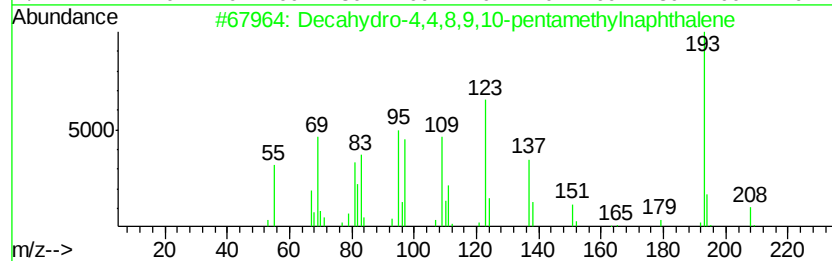
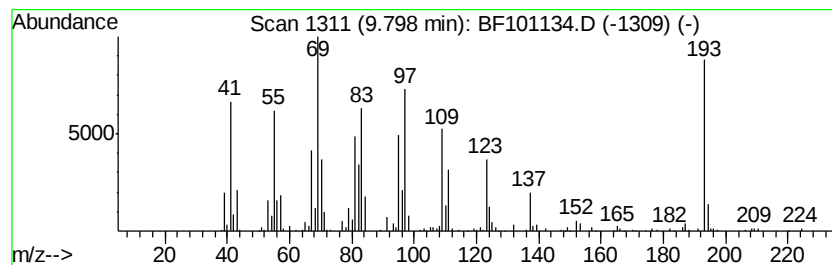
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Decahydro-4,4,8,9,10-pentam... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.80	89.94 ng	769416	Acenaphthene-d10	9.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	78
2		1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	25
3		Methyl tetrahydroionol	212	C14H28O	060241-53-4	16
4		2,6-Pyridinedicarboxylic acid, 4...	361	C19H20ClN04	1000369-13-9	12
5		Hexadecanedinitrile	248	C16H28N2	006812-44-8	10



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120517\
Data File : BF101134.D
Acq On : 5 Dec 2017 19:42
Operator : SJ/JU
Sample : I6709-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ENV-105-6(10-15)

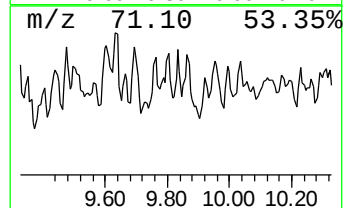
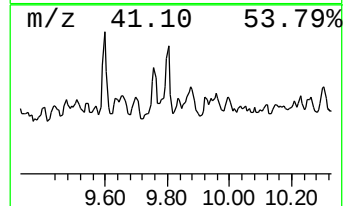
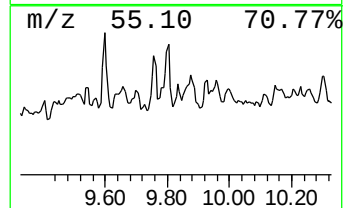
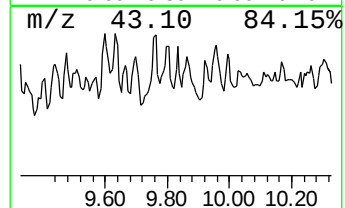
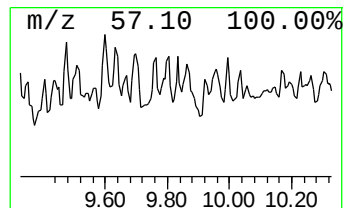
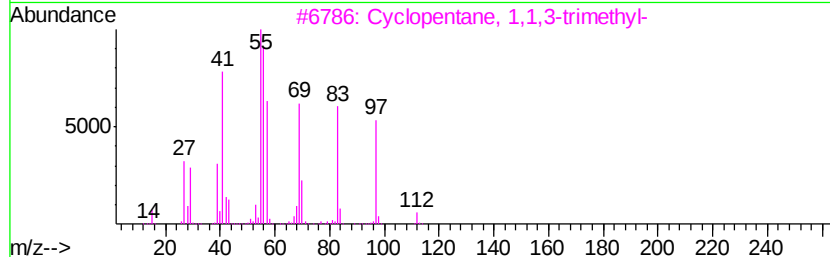
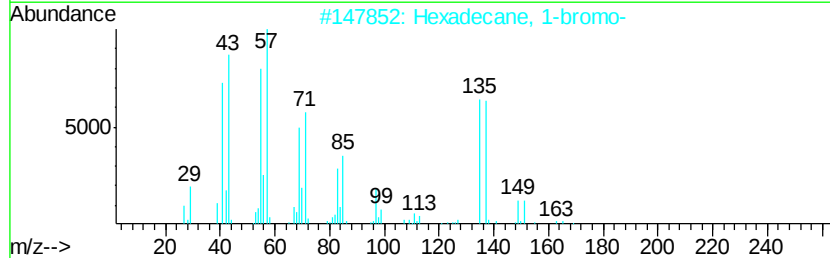
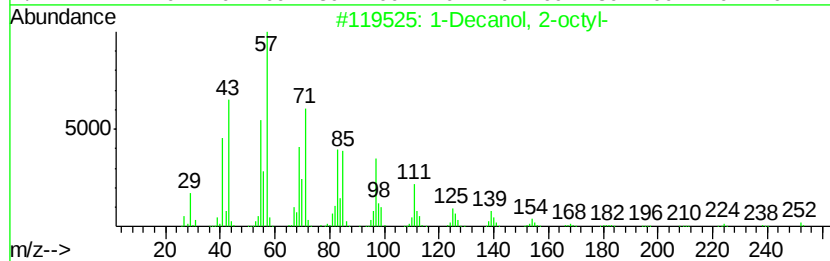
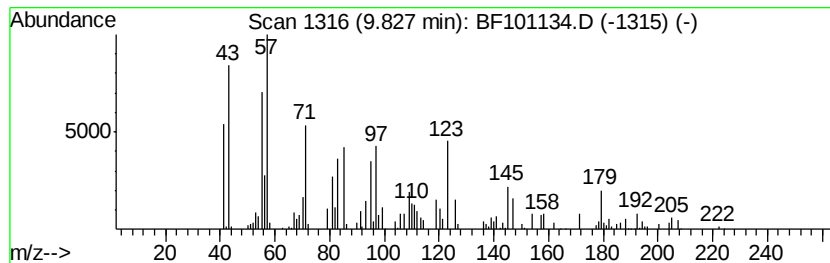
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 unknown9.83 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.83	18.30 ng	156559	Acenaphthene-d10	9.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	38
2		Hexadecane, 1-bromo-	304	C16H33Br	000112-82-3	27
3		Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	18
4		1,3-Diacetyl-cyclopentane	154	C9H14O2	1000143-37-1	15
5		Hexadecane	226	C16H34	000544-76-3	14



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120517\
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Acq On : 5 Dec 2017 19:42
Operator : SJ/JU
Sample : I6709-03
Misc :
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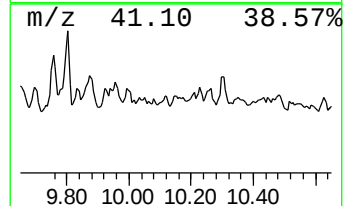
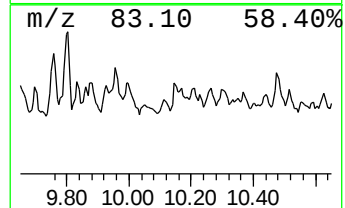
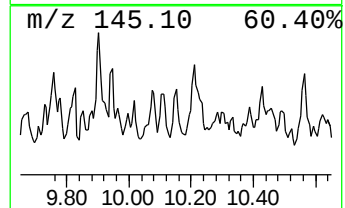
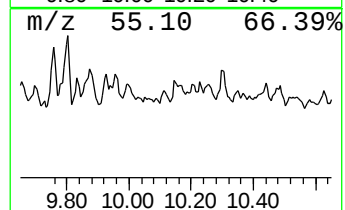
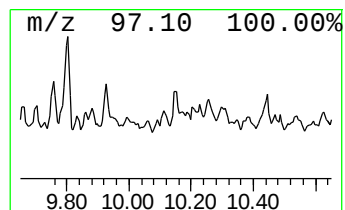
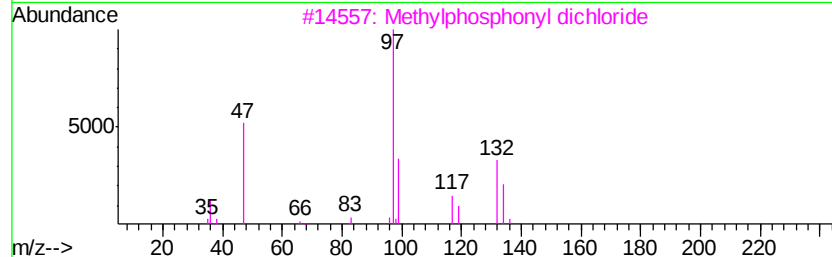
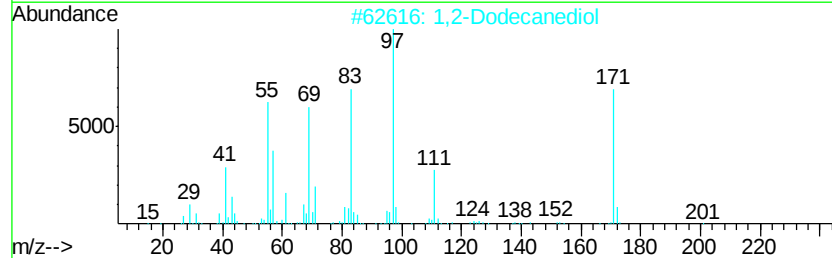
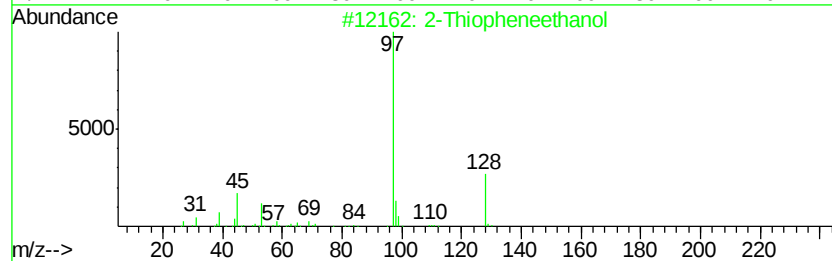
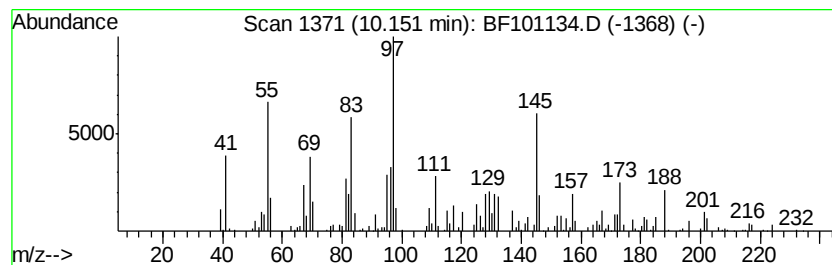
Instrument :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 unknown10.15 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.15	22.17 ng	189672	Acenaphthene-d10	9.89
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2-Thiopheneethanol	128 C6H8OS	005402-55-1	25
2	1,2-Dodecanediol	202 C12H26O2	001119-87-5	22
3	Methylphosphonyl dichloride	132 CH3Cl2OP	000676-97-1	22
4	Cyclohexane, 1,1-dimethyl-	112 C8H16	000590-66-9	20
5	Cyclohexane, 1,3-dimethyl-, cis-	112 C8H16	000638-04-0	18



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120517\
Data File : BF101134.D
Acq On : 5 Dec 2017 19:42
Operator : SJ/JU
Sample : I6709-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ENV-105-6(10-15)

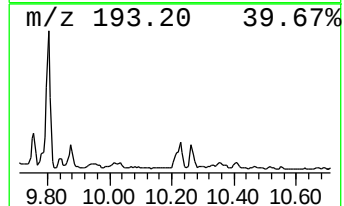
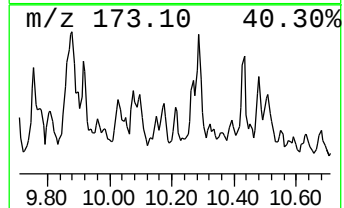
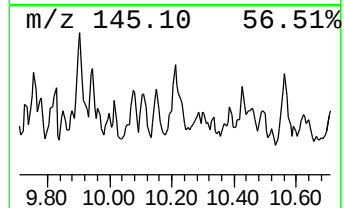
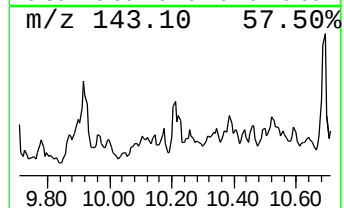
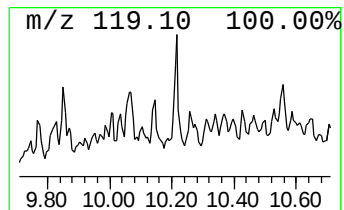
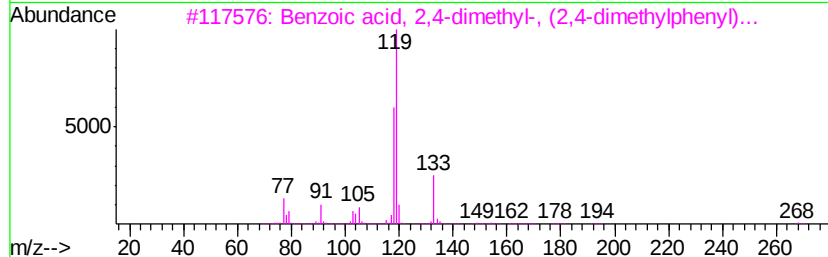
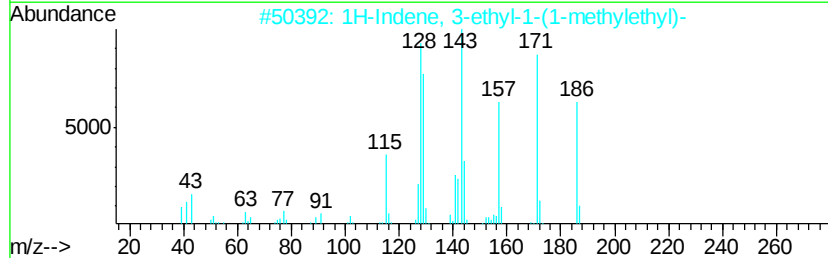
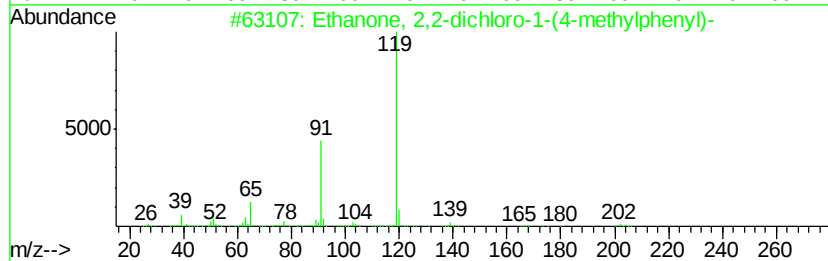
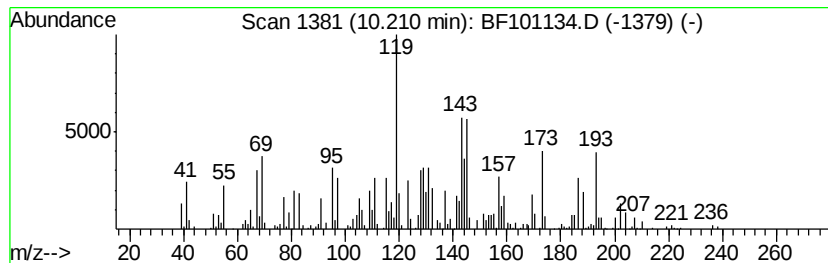
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 unknown10.21 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.21	23.44 ng	200564	Acenaphthene-d10	9.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanone, 2,2-dichloro-1-(4-meth...	202	C9H8Cl2O	004974-59-8	15
2		1H-Indene, 3-ethyl-1-(1-methylet...	186	C14H18	111400-85-2	11
3		Benzoic acid, 2,4-dimethyl-, (2,...	268	C18H20O2	055000-43-6	10
4		2,4-Dimethylphenethyl alcohol	150	C10H14O	006597-59-7	10
5		Benzoxazol, 2,3-dihydro-2-thioxo...	269	C15H11N02S	037442-06-1	10



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120517\
Data File : BF101134.D
Acq On : 5 Dec 2017 19:42
Operator : SJ/JU
Sample : I6709-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

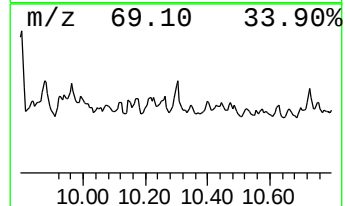
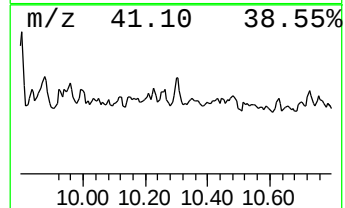
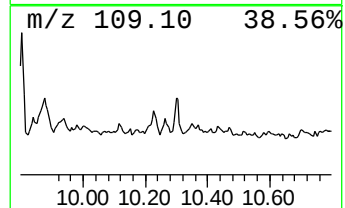
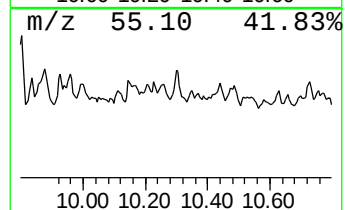
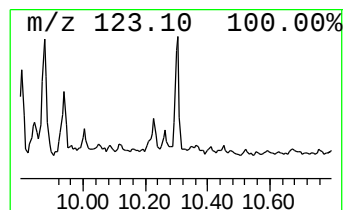
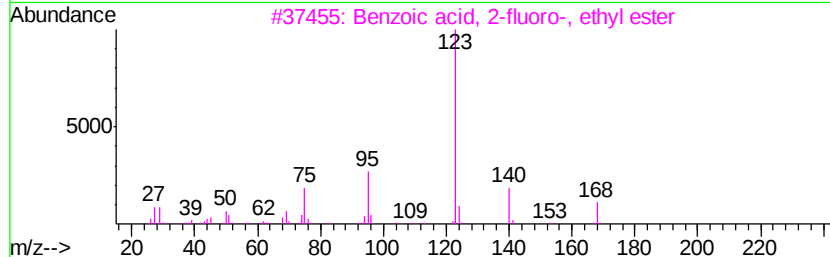
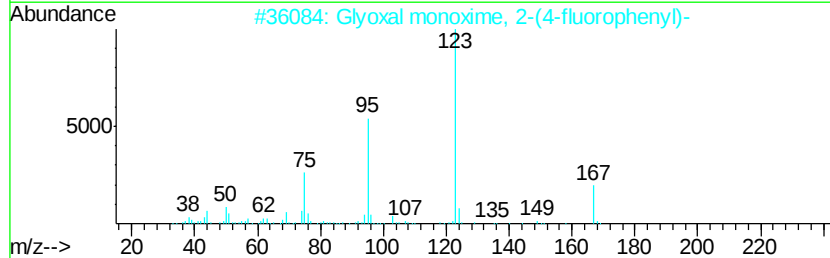
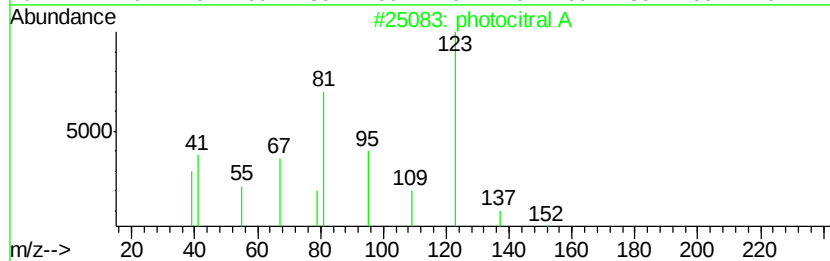
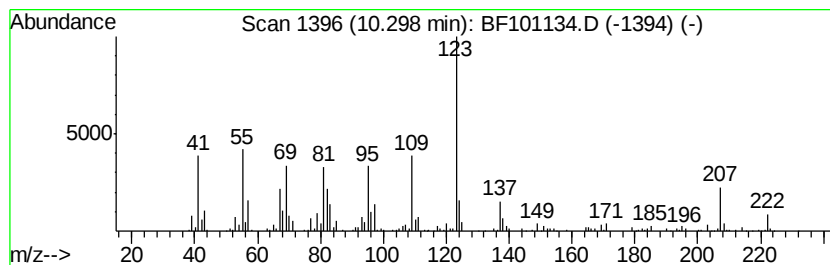
Instrument :
BNA_F
ClientSampleId :
ENV-105-6(10-15)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 photocitral A Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.30	32.76 ng	280243	Acenaphthene-d10	9.89
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		photocitral A	152 C10H16O	055253-28-6 52
2		Glyoxal monoxime, 2-(4-fluorophe...	167 C8H6FN02	017628-74-9 46
3		Benzoic acid, 2-fluoro-, ethyl e...	168 C9H9F02	000443-26-5 46
4		N-(4,6-Dimethyl-pyrimidin-2-yl)-...	393 C21H20FN5O2	1000300-88-4 43
5		Imidazolidin-2-one, 1-(2-fluorob...	208 C10H9FN2O2	1000310-62-2 43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120517\
Data File : BF101134.D
Acq On : 5 Dec 2017 19:42
Operator : SJ/JU
Sample : I6709-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ENV-105-6(10-15)

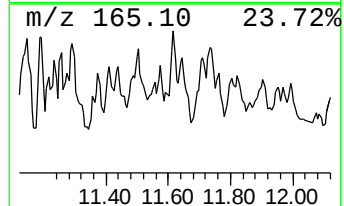
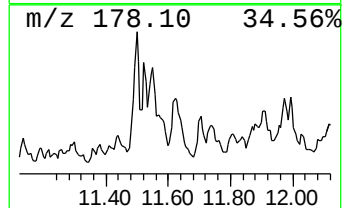
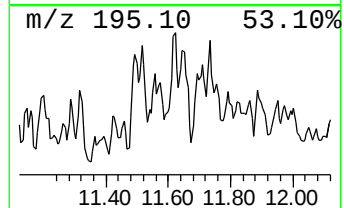
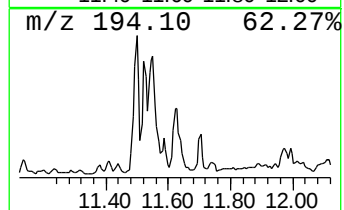
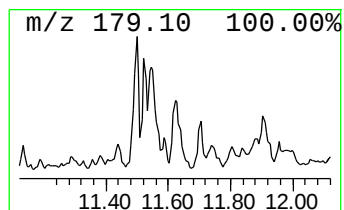
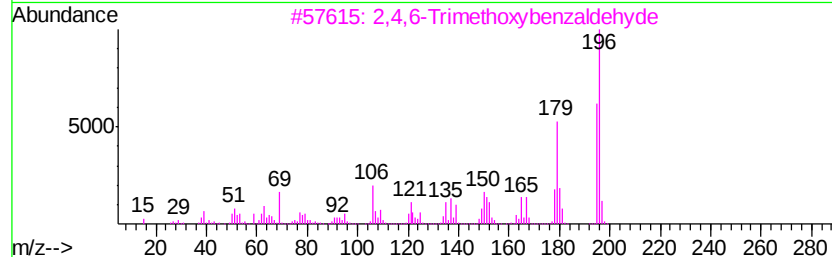
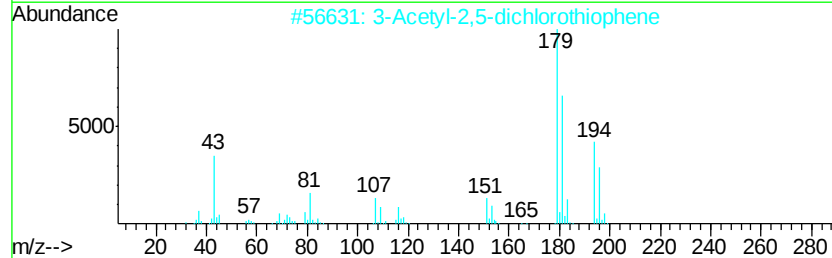
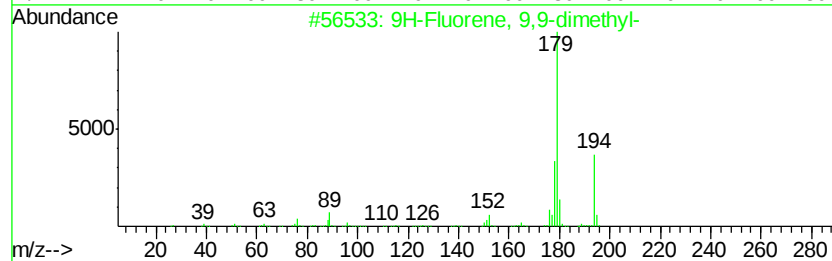
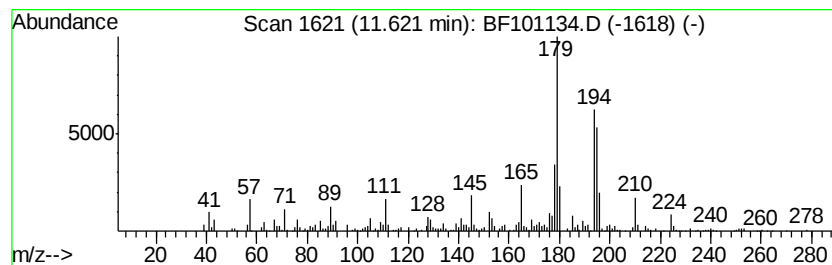
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 unknown11.62 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.62	17.58 ng	389071	Phenanthrene-d10	11.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 9,9-dimethyl-	194	C15H14	004569-45-3	46
2		3-Acetyl-2,5-dichlorothiophene	194	C6H4Cl2OS	036157-40-1	43
3		2,4,6-Trimethoxybenzaldehyde	196	C10H12O4	000830-79-5	35
4		Phenanthridine, 5-oxide	195	C13H9NO	014548-01-7	27
5		Acridine	179	C13H9N	000260-94-6	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120517\
 Data File : BF101134.D
 Acq On : 5 Dec 2017 19:42
 Operator : SJ/JU
 Sample : I6709-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ENV-105-6(10-15)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown6.62	6.62	92.0	ng	1558670	1	6.85	338826	20.0
Tricyclo[4.3.1.1(...	7.72	11.0	ng	217700	2	8.13	395029	20.0
Cyclohexane, 2-bu...	8.33	14.6	ng	287576	2	8.13	395029	20.0
Cyclohexane, 1,2-...	8.57	17.6	ng	347291	2	8.13	395029	20.0
unknown8.59	8.59	9.9	ng	196054	2	8.13	395029	20.0
unknown8.63	8.63	9.9	ng	195224	2	8.13	395029	20.0
Cyclohexane, 1,2,...	8.67	27.9	ng	551226	2	8.13	395029	20.0
unknown8.87	8.87	22.1	ng	437456	2	8.13	395029	20.0
unknown8.92	8.92	21.9	ng	432454	2	8.13	395029	20.0
unknown9.01	9.01	11.0	ng	217663	2	8.13	395029	20.0
unknown9.12	9.12	32.9	ng	281338	3	9.89	171100	20.0
unknown9.29	9.29	111.6	ng	954843	3	9.89	171100	20.0
unknown9.76	9.76	81.0	ng	692853	3	9.89	171100	20.0
Decahydro-4,4,8,9...	9.80	89.9	ng	769416	3	9.89	171100	20.0
unknown9.83	9.83	18.3	ng	156559	3	9.89	171100	20.0
unknown10.15	10.15	22.2	ng	189672	3	9.89	171100	20.0
unknown10.21	10.21	23.4	ng	200564	3	9.89	171100	20.0
photocitral A	10.30	32.8	ng	280243	3	9.89	171100	20.0
unknown11.62	11.62	17.6	ng	389071	4	11.39	442668	20.0