

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080318\
 Data File : BF107963.D
 Acq On : 4 Aug 2018 3:12
 Operator : JU/SJ
 Sample : J4297-07
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.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	4.995	445	452	459	rVB2	75594	85854	1.78%	0.104%
2	5.078	459	466	468	rBV	71476	105815	2.20%	0.128%
3	5.107	468	471	475	rVB	74484	81493	1.69%	0.098%
4	5.172	475	482	487	rBV2	338165	627235	13.04%	0.758%
5	5.354	508	513	516	rBV3	125195	197591	4.11%	0.239%
6	5.590	549	553	559	rBV	958991	1550435	32.22%	1.873%
7	5.707	570	573	579	rVB3	155761	251434	5.23%	0.304%
8	5.754	579	581	584	rVB	177195	153288	3.19%	0.185%
9	5.801	584	589	591	rBV	118671	128769	2.68%	0.156%
10	5.860	596	599	604	rVB	96886	101459	2.11%	0.123%
11	5.966	610	617	620	rBV3	269532	405384	8.42%	0.490%
12	6.001	620	623	627	rBV3	138657	203189	4.22%	0.245%
13	6.084	634	637	638	rBV	103461	94127	1.96%	0.114%
14	6.101	638	640	643	rVB	306392	243670	5.06%	0.294%
15	6.137	643	646	649	rBV3	108442	132703	2.76%	0.160%
16	6.178	649	653	661	rBV2	609907	1191480	24.76%	1.440%
17	6.237	661	663	666	rVB	374015	301788	6.27%	0.365%
18	6.278	666	670	672	rBV4	104141	149559	3.11%	0.181%
19	6.301	672	674	677	rVB	142815	112806	2.34%	0.136%
20	6.325	677	678	682	rVB3	93836	78803	1.64%	0.095%
21	6.372	682	686	690	rBV4	329561	535793	11.14%	0.647%
22	6.413	690	693	694	rBV	106447	111093	2.31%	0.134%
23	6.431	694	696	699	rVB	324591	266469	5.54%	0.322%
24	6.478	699	704	709	rBV2	753689	1065222	22.14%	1.287%
25	6.519	709	711	714	rVB2	94276	83335	1.73%	0.101%
26	6.554	714	717	721	rBV4	130973	173711	3.61%	0.210%
27	6.595	721	724	730	rBV2	1141853	2097380	43.59%	2.534%
28	6.637	730	731	734	rVB	223591	161242	3.35%	0.195%
29	6.678	734	738	743	rBV4	373717	615613	12.79%	0.744%
30	6.731	743	747	751	rBV2	1624851	2097716	43.60%	2.534%
31	6.795	757	758	761	rVB2	335216	246486	5.12%	0.298%
32	6.837	761	765	772	rBV4	421716	860691	17.89%	1.040%
33	6.901	772	776	780	rBV5	327620	681915	14.17%	0.824%
34	6.942	780	783	787	rVB2	878758	869605	18.07%	1.051%

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35	7.042	795	800	804	rBV4	458216	749031	15.57%	0.905%
36	7.084	804	807	809	rBV2	833753	999374	20.77%	1.207%
37	7.107	809	811	815	rVV2	1553111	1601455	33.28%	1.935%
38	7.160	818	820	823	rBV	388739	328305	6.82%	0.397%
39	7.207	823	828	831	rBV2	944834	1078412	22.41%	1.303%
40	7.237	831	833	837	rVB3	171041	178813	3.72%	0.216%
41	7.284	838	841	843	rBV	284657	247907	5.15%	0.300%
42	7.313	843	846	847	rBV2	187087	168913	3.51%	0.204%
43	7.342	848	851	853	rBV2	611599	590813	12.28%	0.714%
44	7.366	853	855	859	rVB3	550915	636589	13.23%	0.769%
45	7.413	860	863	867	rBV3	295357	440475	9.15%	0.532%
46	7.472	867	873	878	rBV4	997606	2004342	41.65%	2.422%
47	7.519	878	881	884	rBV2	1163269	1363166	28.33%	1.647%
48	7.584	887	892	895	rBV4	1077766	1773182	36.85%	2.142%
49	7.636	895	901	904	rBV4	978418	1636308	34.01%	1.977%
50	7.689	904	910	912	rBV5	447156	823402	17.11%	0.995%
51	7.713	912	914	918	rBV2	972609	964352	20.04%	1.165%
52	7.754	918	921	926	rVB3	1312417	1544958	32.11%	1.867%
53	7.819	928	932	934	rBV3	669881	922371	19.17%	1.114%
54	7.842	934	936	938	rBV	849341	577785	12.01%	0.698%
55	7.872	938	941	943	rBV3	1185868	1229581	25.55%	1.486%
56	7.931	949	951	954	rVB3	401106	427356	8.88%	0.516%
57	7.978	957	959	962	rVB3	378649	433945	9.02%	0.524%
58	8.042	966	970	976	rBV6	788253	1462489	30.39%	1.767%
59	8.101	976	980	982	rBV2	989750	1078463	22.41%	1.303%
60	8.131	982	985	987	rBV3	660976	777753	16.16%	0.940%
61	8.160	988	990	991	rBV2	381950	267884	5.57%	0.324%
62	8.178	991	993	995	rBV2	494001	378291	7.86%	0.457%
63	8.284	1008	1011	1014	rVB2	3292521	3966346	82.43%	4.792%
64	8.313	1014	1016	1019	rBV4	1287715	1547528	32.16%	1.870%
65	8.384	1025	1028	1030	rBV3	756506	919144	19.10%	1.110%
66	8.407	1030	1032	1034	rVV2	858588	980746	20.38%	1.185%
67	8.436	1034	1037	1043	rVB2	1781553	2275023	47.28%	2.749%
68	8.495	1043	1047	1048	rBV4	657127	873970	18.16%	1.056%
69	8.525	1048	1052	1056	rVB5	1781350	2801828	58.23%	3.385%
70	8.654	1070	1074	1076	rBV	3050731	3623819	75.31%	4.378%
71	8.678	1076	1078	1080	rVV2	736111	747753	15.54%	0.903%

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72	8.742	1087	1089	1091	rBV2	1122623	1058228	21.99%	1.279%
73	8.778	1091	1095	1097	rVV2	1374195	1676892	34.85%	2.026%
74	8.919	1116	1119	1125	rVB4	1738478	2548625	52.97%	3.079%
75	8.983	1128	1130	1133	rBV3	891976	821551	17.07%	0.993%
76	9.019	1133	1136	1138	rBV3	934255	1200732	24.95%	1.451%
77	9.260	1174	1177	1183	rVB3	2696013	3962928	82.36%	4.788%
78	9.319	1184	1187	1192	rBV3	1301414	1929446	40.10%	2.331%
79	9.725	1251	1256	1258	rBV3	2557393	3489214	72.51%	4.216%
80	9.872	1279	1281	1284	rBV2	1150796	1096636	22.79%	1.325%
81	10.336	1357	1360	1363	rBV	1247938	1688610	35.09%	2.040%
82	10.925	1455	1460	1467	rVB2	2633489	4811781	100.00%	5.813%

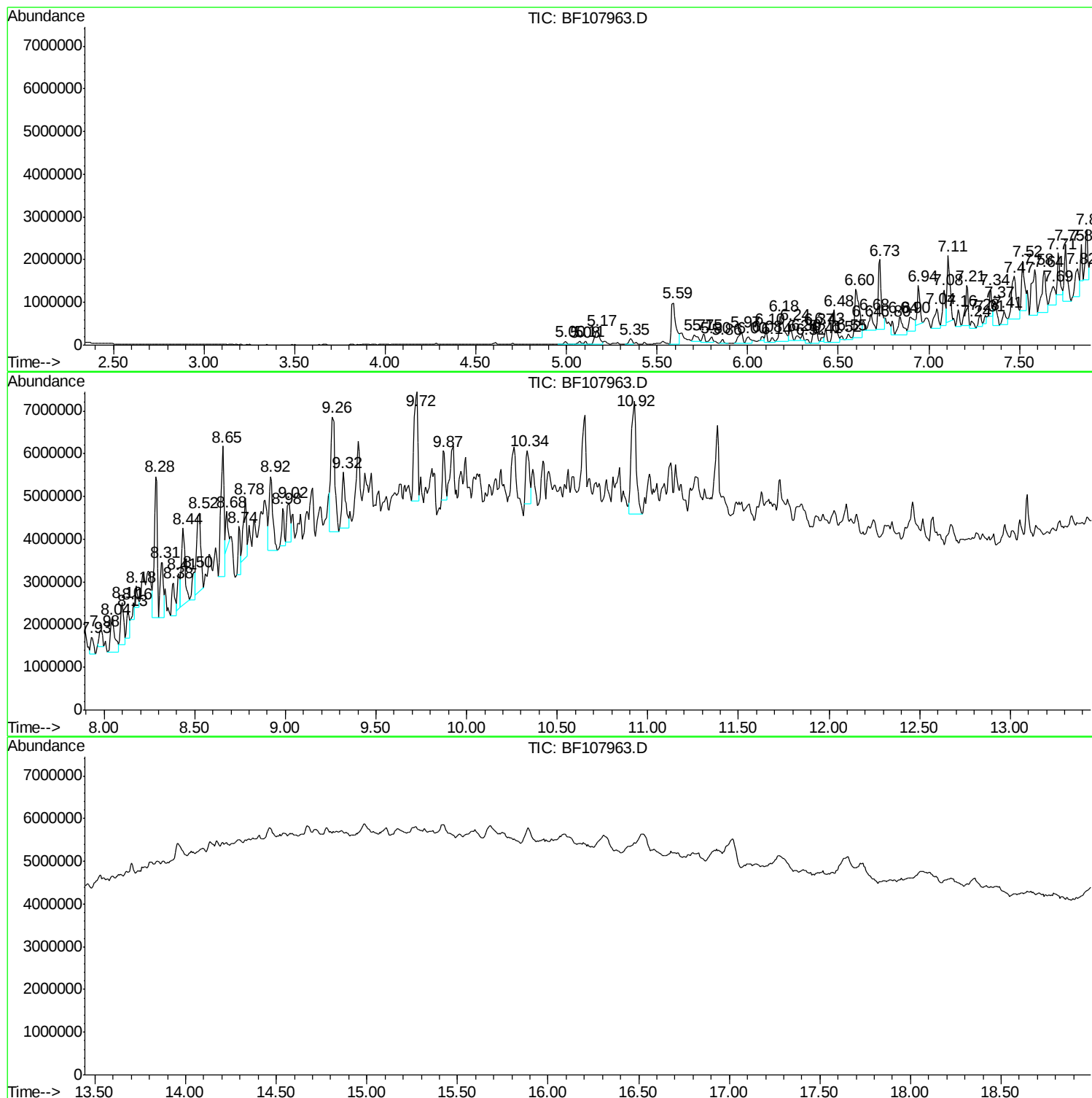
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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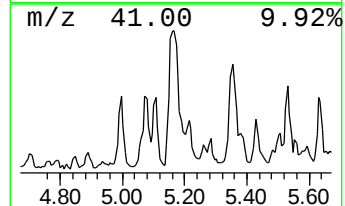
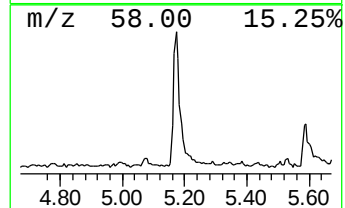
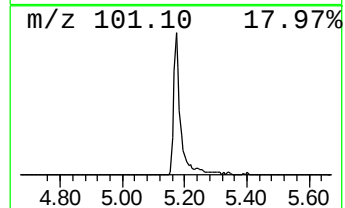
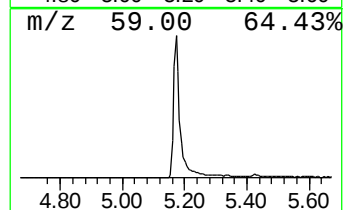
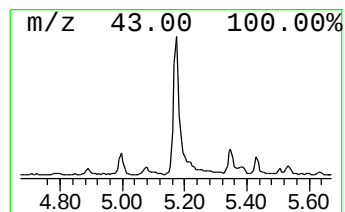
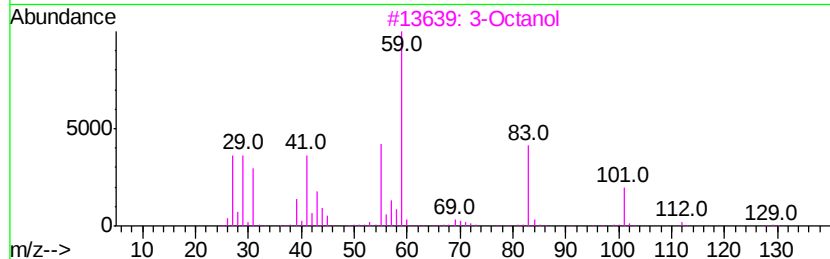
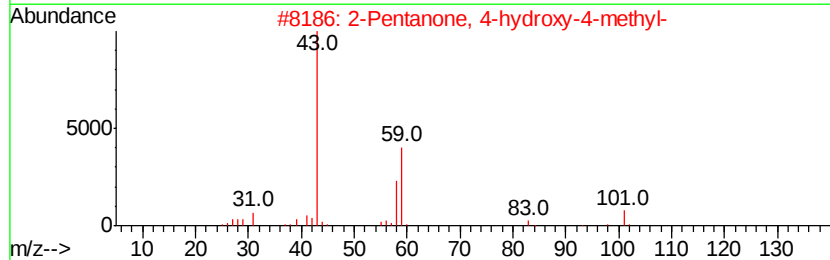
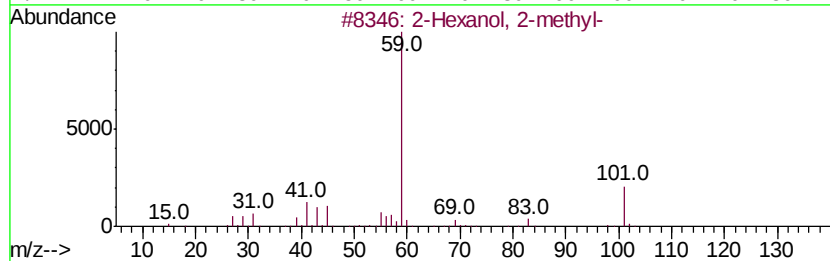
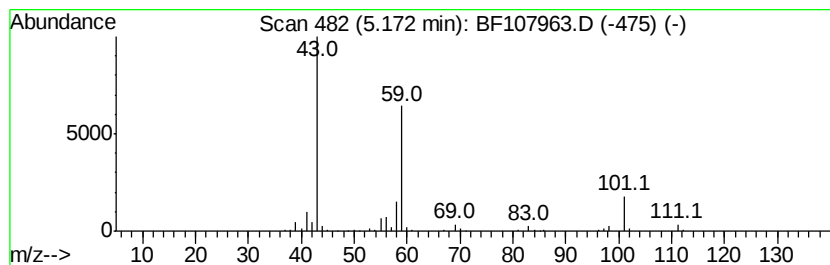
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown5.17 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.17	14.43 ng	627235	1,4-Dichlorobenzene-d4	6.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	47
2		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
3		3-Octanol	130	C8H18O	000589-98-0	33
4		Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
5		2-Decanol, methyl ether	172	C11H24O	1000333-83-9	32



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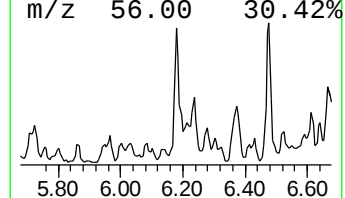
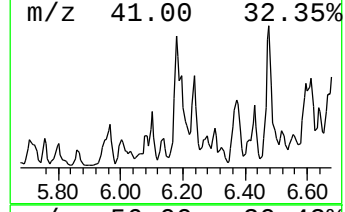
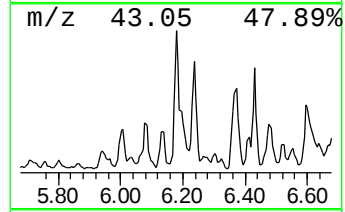
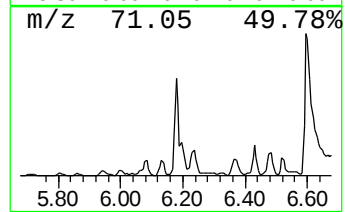
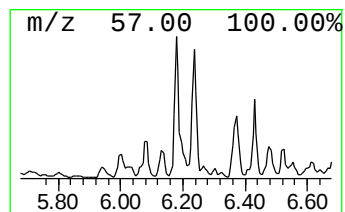
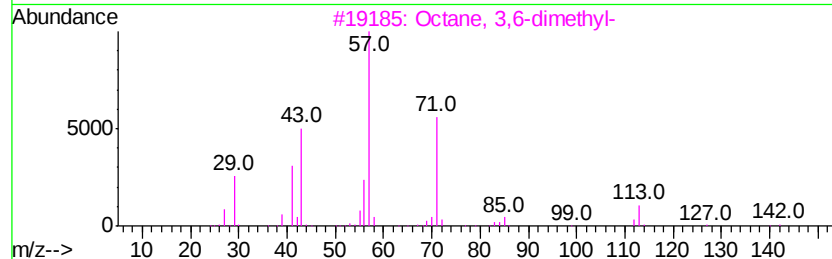
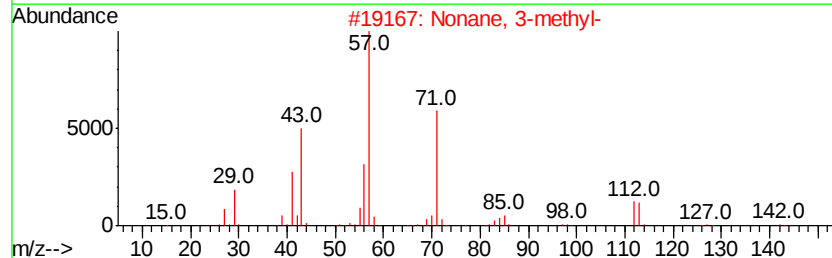
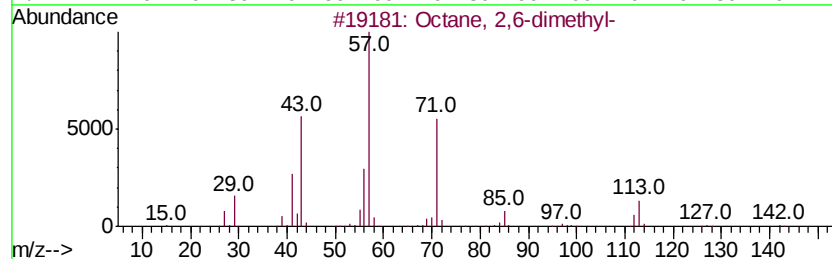
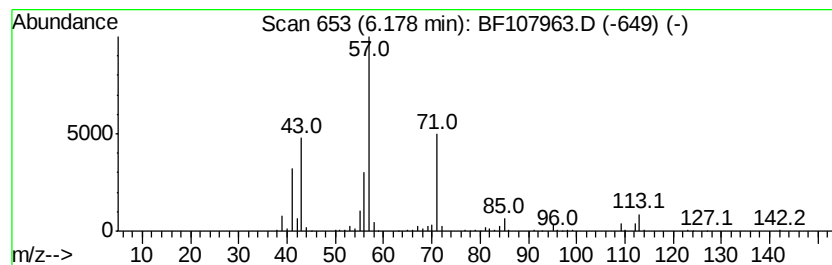
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Sulfurous acid, di(2-ethylh... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.18	27.40 ng	1191480	1,4-Dichlorobenzene-d4	6.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
2		Nonane, 3-methyl-	142	C10H22	005911-04-6	72
3		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
4		Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	58
5		Sulfurous acid, di(2-ethylhexyl)...	306	C16H34O3S	1000309-19-1	53



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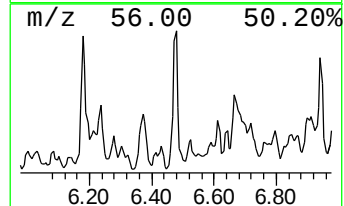
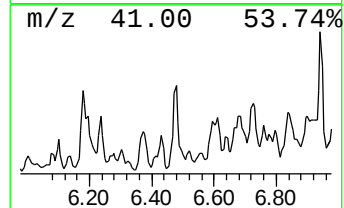
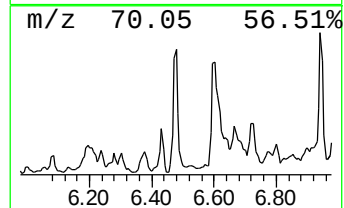
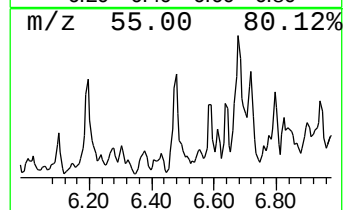
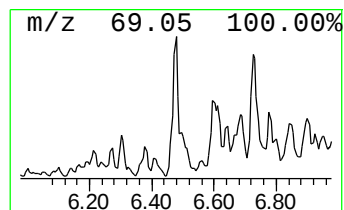
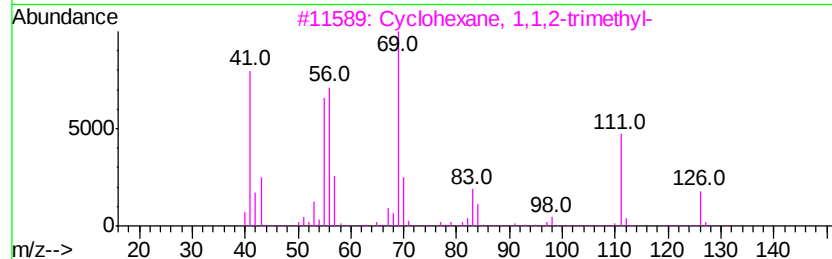
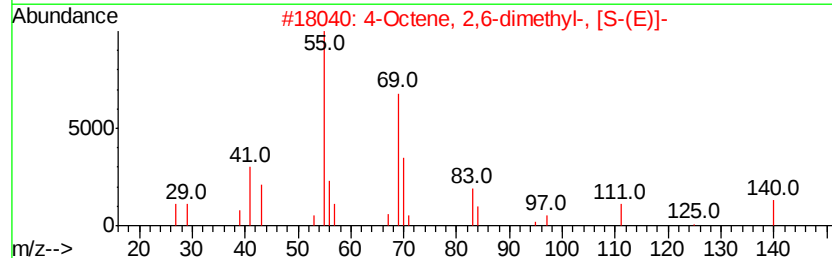
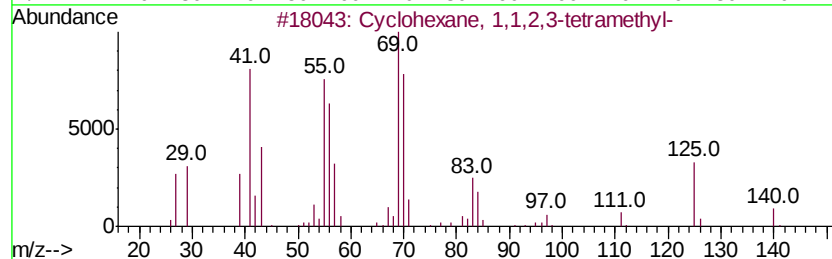
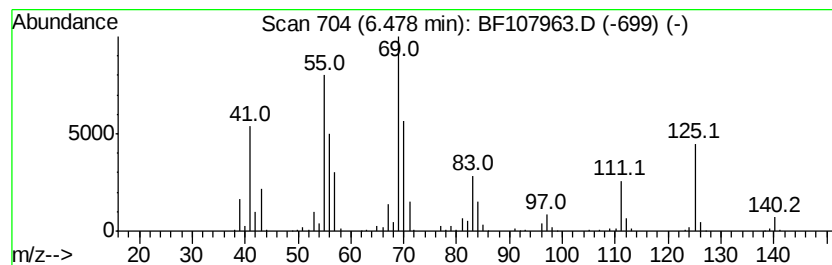
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Cyclohexane, 1,1,2,3-tetram... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	24.50 ng	1065220	1,4-Dichlorobenzene-d4	6.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	81
2		4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	58
3		Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	58
4		Cyclopentane, ethyl-	98	C7H14	001640-89-7	50
5		3-Octene, 2,6-dimethyl-	140	C10H20	006874-28-8	50



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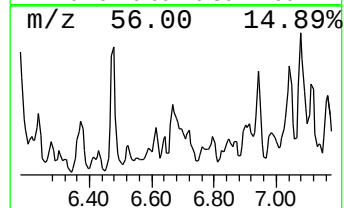
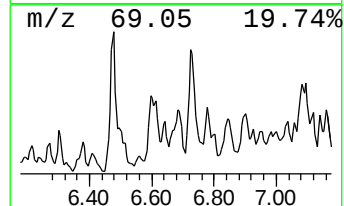
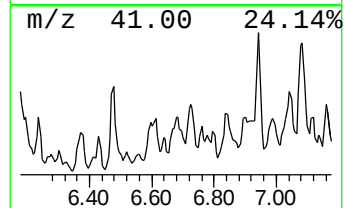
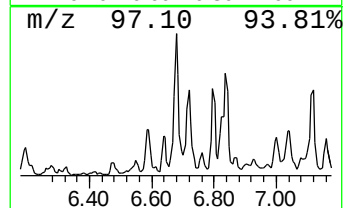
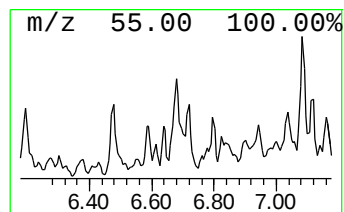
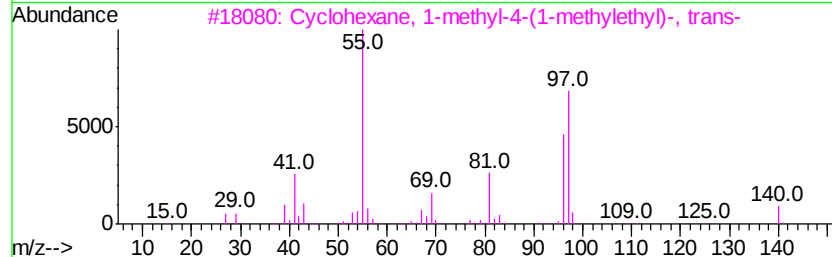
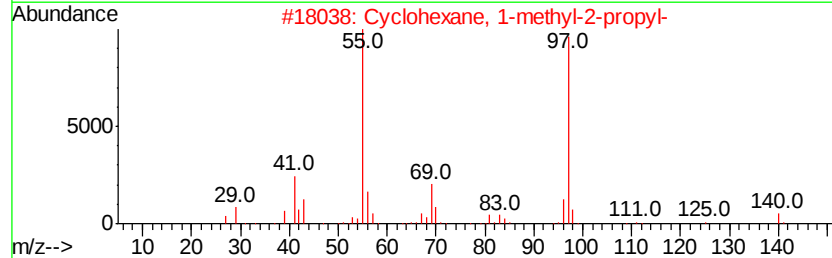
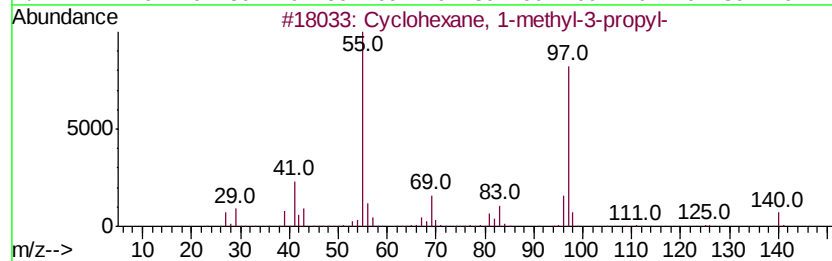
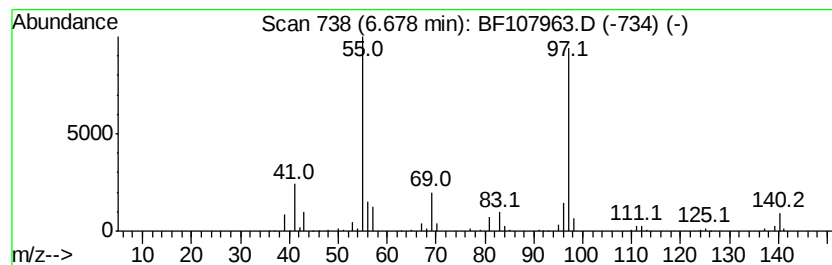
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Cyclohexane, 1-methyl-3-pro... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.68	14.16 ng	615613	1,4-Dichlorobenzene-d4	6.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	90
2		Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	87
3		Cyclohexane, 1-methyl-4-(1-methyl-...)	140	C10H20	001678-82-6	80
4		Cyclohexane, 1-methyl-3-(1-methyl-...)	140	C10H20	016580-24-8	72
5		Cyclohexane, 1-methyl-4-(1-methyl-...)	140	C10H20	006069-98-3	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
Data File : BF107963.D
Acq On : 4 Aug 2018 3:12
Operator : JU/SJ
Sample : J4297-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-7

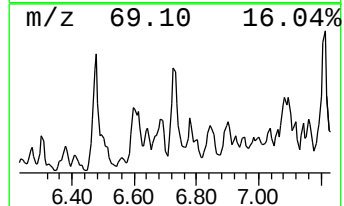
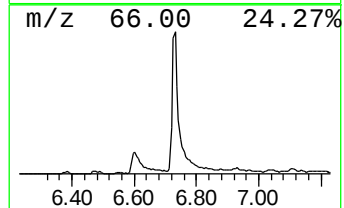
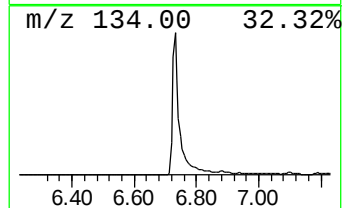
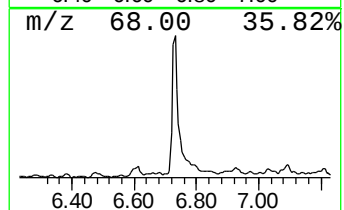
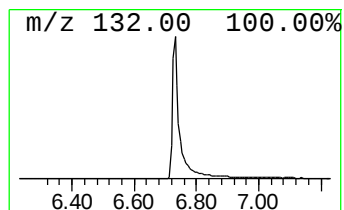
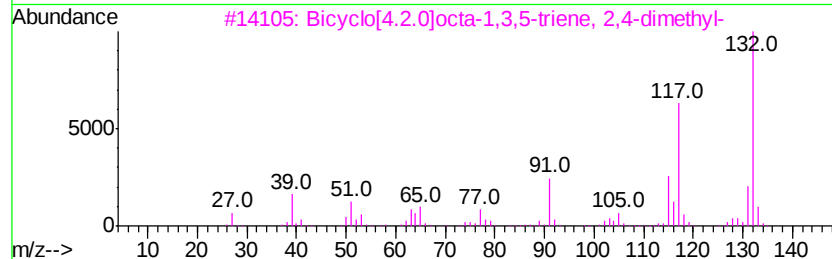
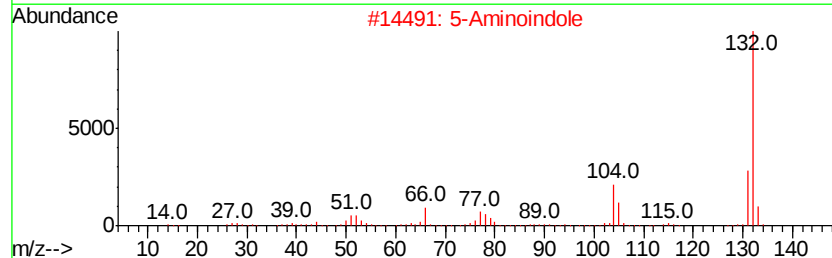
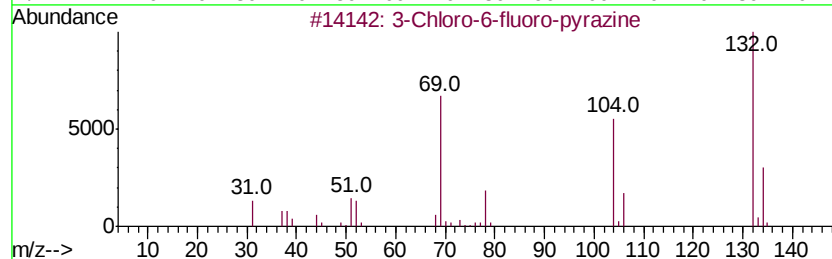
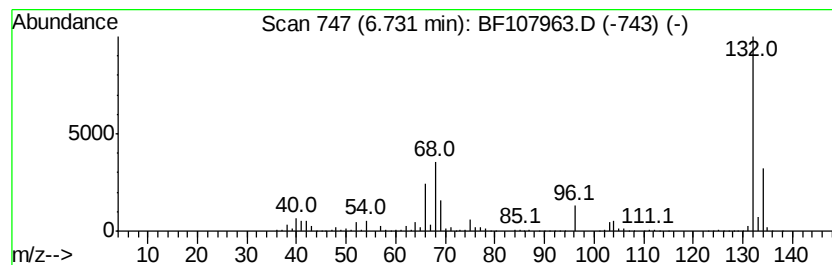
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown6.73 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	48.25 ng	2097720	1,4-Dichlorobenzene-d4	6.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35	
2	5-Aminoindole	132	C8H8N2	005192-03-0	12	
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9	
4	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9	
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9	



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
Data File : BF107963.D
Acq On : 4 Aug 2018 3:12
Operator : JU/SJ
Sample : J4297-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

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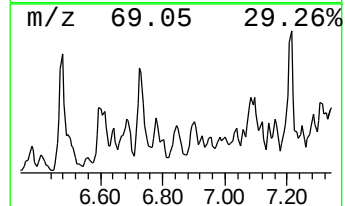
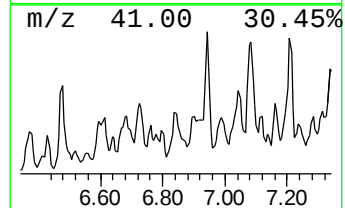
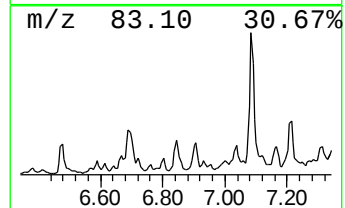
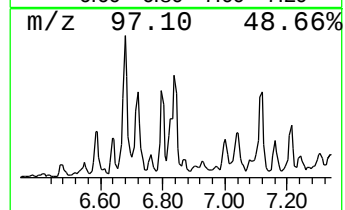
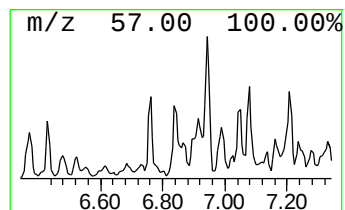
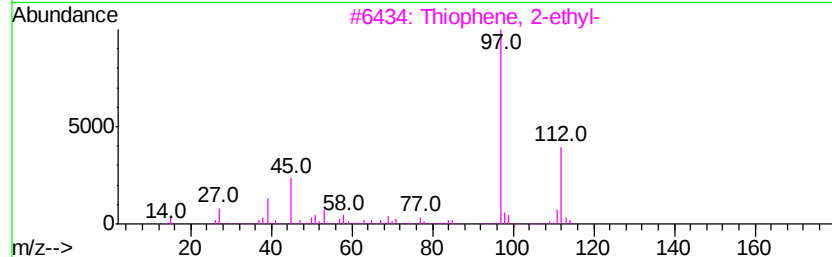
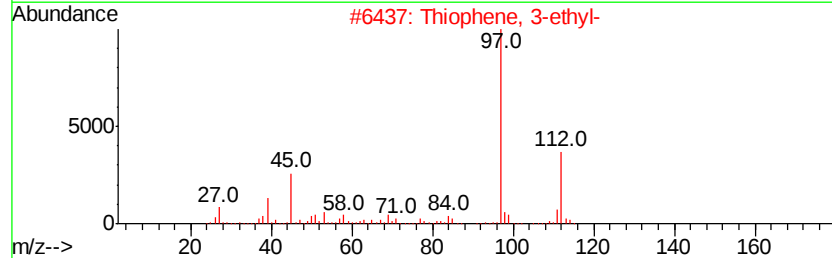
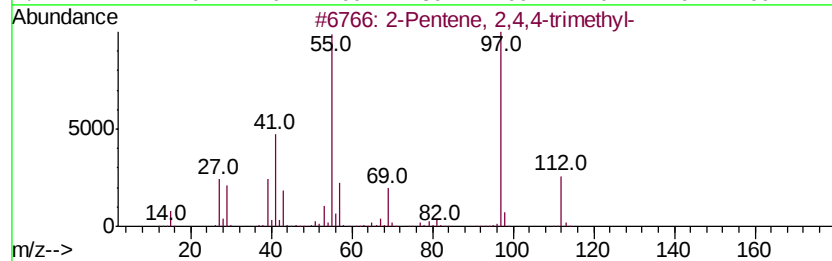
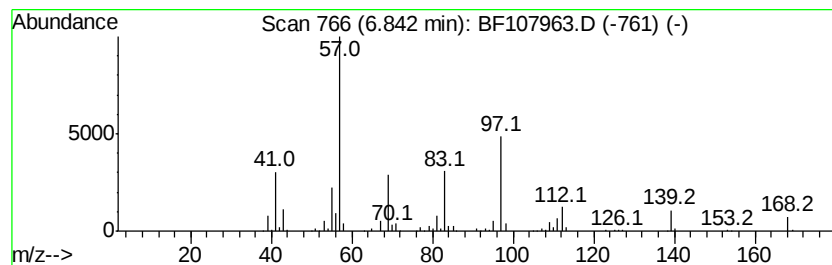
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown6.84 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.84	19.80 ng	860691	1,4-Dichlorobenzene-d4	6.96

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 2,4,4-trimethyl-			112	C8H16	000107-40-4	47
2	Thiophene, 3-ethyl-			112	C6H8S	001795-01-3	46
3	Thiophene, 2-ethyl-			112	C6H8S	000872-55-9	46
4	1,1-Dimethyl-1-silacyclo-3-pentene			112	C6H12Si	016054-12-9	43
5	2-(Diethylamino)acetonitrile			112	C6H12N2	003010-02-4	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
Data File : BF107963.D
Acq On : 4 Aug 2018 3:12
Operator : JU/SJ
Sample : J4297-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
TP-7

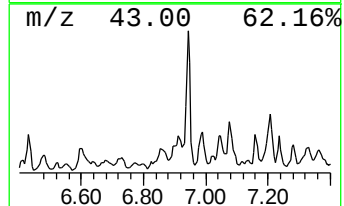
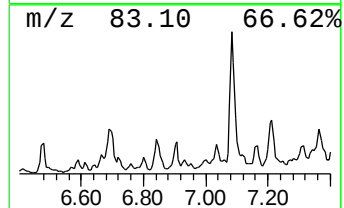
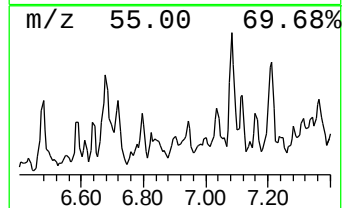
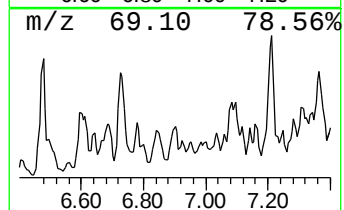
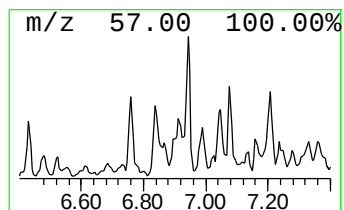
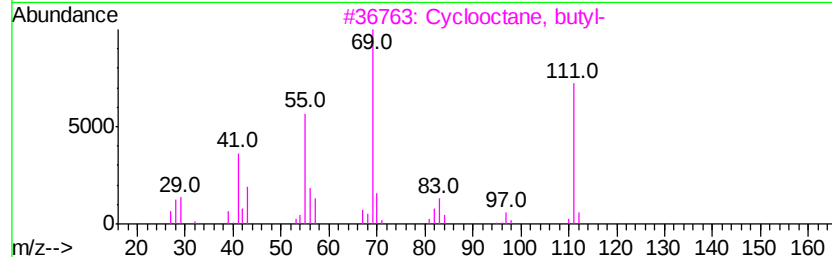
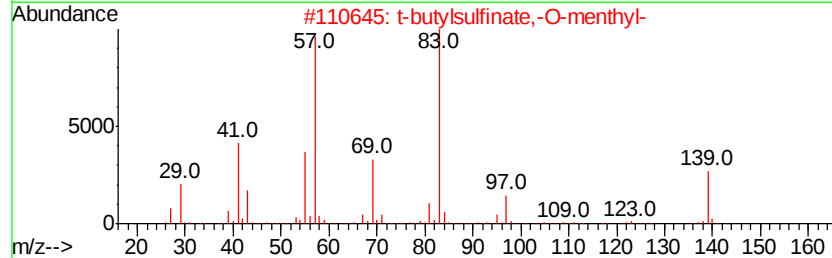
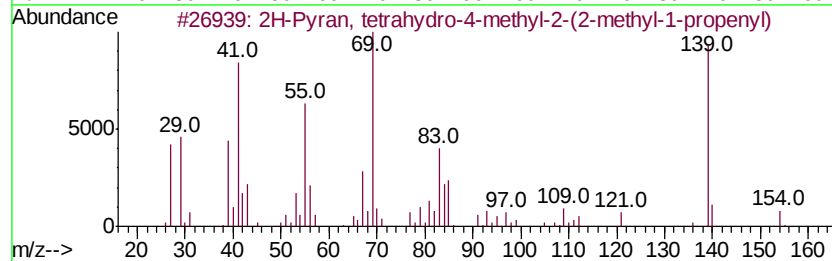
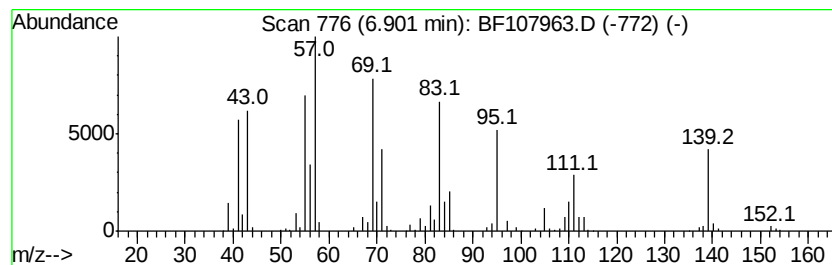
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown6.90 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.90	15.68 ng	681915	1,4-Dichlorobenzene-d4	6.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2H-Pyran, tetrahydro-4-methyl-2-...	154	C10H18O	016409-43-1	38
2		t-butylsulfinate, -O-menthyl-	260	C14H28O2S	1000151-39-9	22
3		Cyclooctane, butyl-	168	C12H24	016538-93-5	22
4		2,6-Octadienal, 3,7-dimethyl-, (E)-	152	C10H16O	000141-27-5	18
5		Methanone, dicyclopropyl-	110	C7H10O	001121-37-5	18



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
Data File : BF107963.D
Acq On : 4 Aug 2018 3:12
Operator : JU/SJ
Sample : J4297-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-7

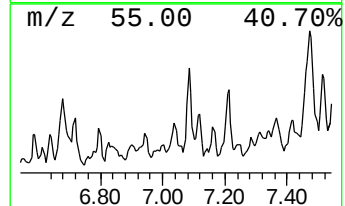
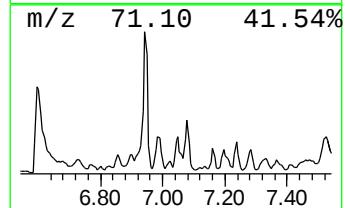
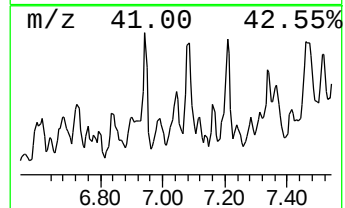
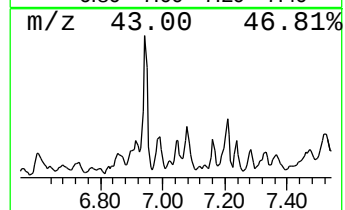
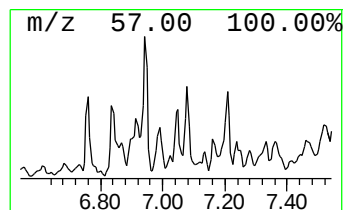
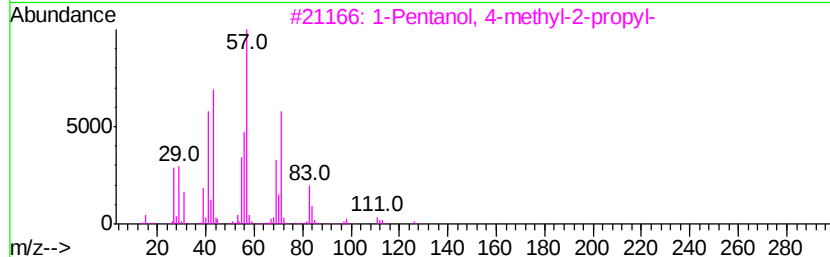
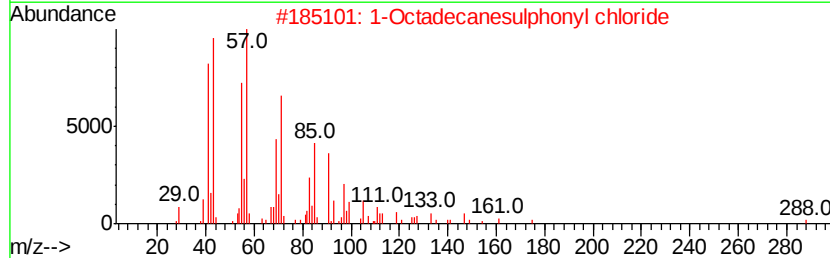
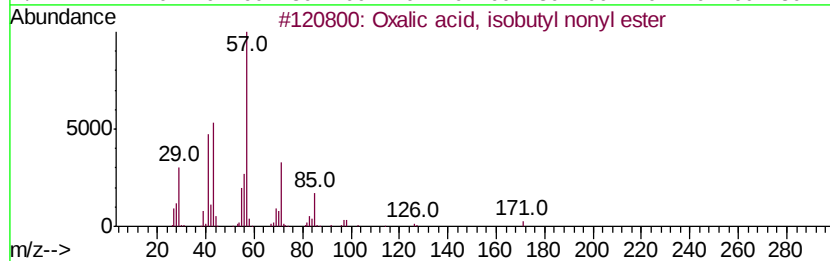
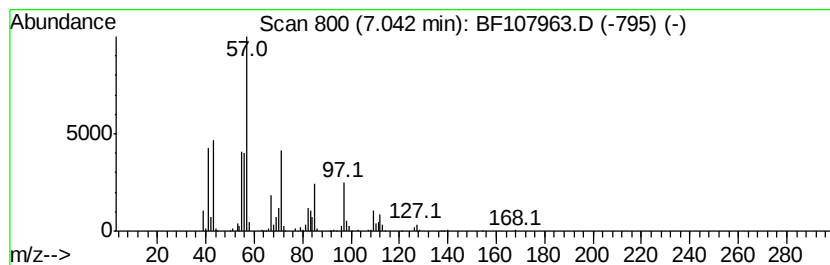
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown7.04 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.04	17.23 ng	749031	1,4-Dichlorobenzene-d4	6.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1000309-37-4	47
2		1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	47
3		1-Pentanol, 4-methyl-2-propyl-	144	C9H20O	054004-41-0	43
4		Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	43
5		Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
Data File : BF107963.D
Acq On : 4 Aug 2018 3:12
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Sample : J4297-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-7

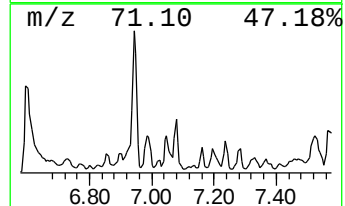
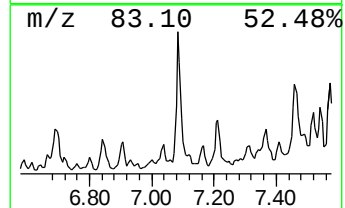
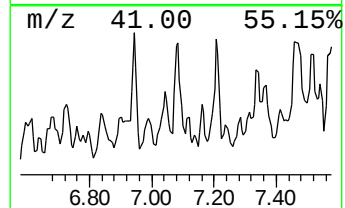
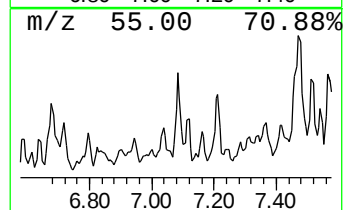
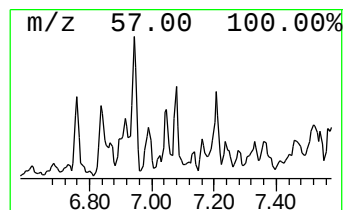
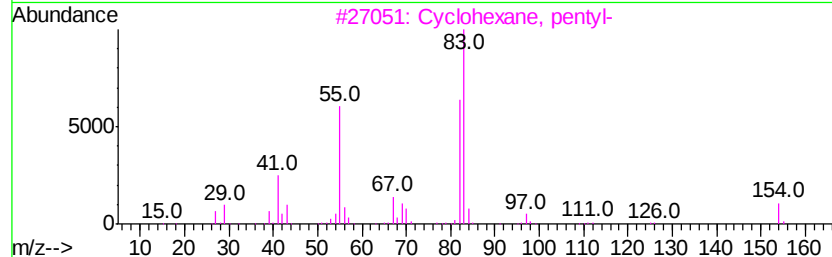
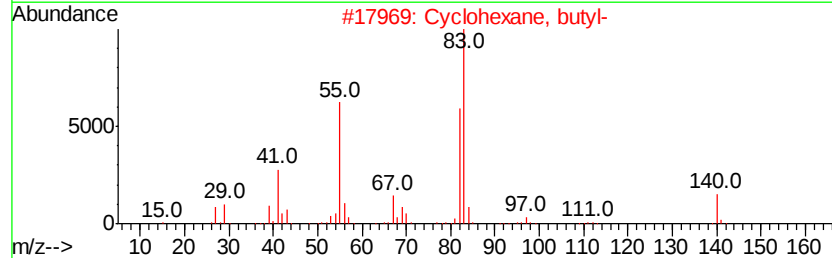
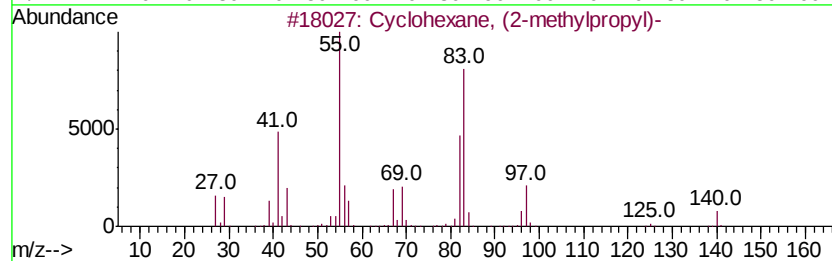
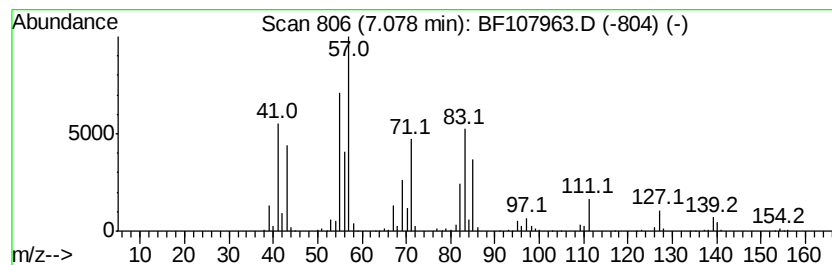
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Cyclohexane, (2-methylpropyl)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.08	22.98 ng	999374	1,4-Dichlorobenzene-d4	6.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	72
2		Cyclohexane, butyl-	140	C10H20	001678-93-9	64
3		Cyclohexane, pentyl-	154	C11H22	004292-92-6	58
4		Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	50
5		Cyclohexane, (3-methylpentyl)-	168	C12H24	061142-38-9	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
Data File : BF107963.D
Acq On : 4 Aug 2018 3:12
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Misc :
ALS Vial : 28 Sample Multiplier: 1

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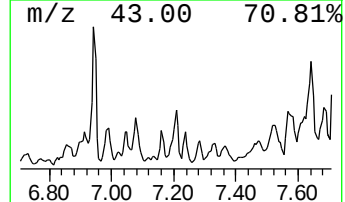
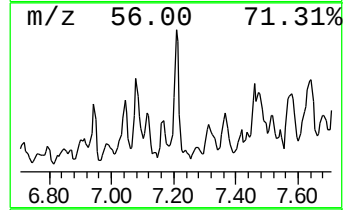
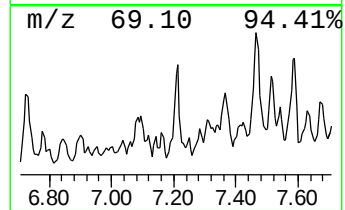
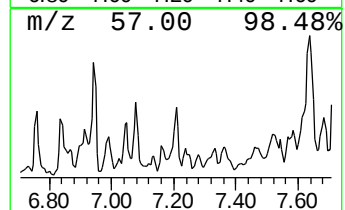
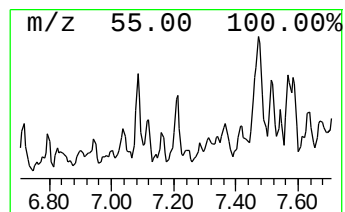
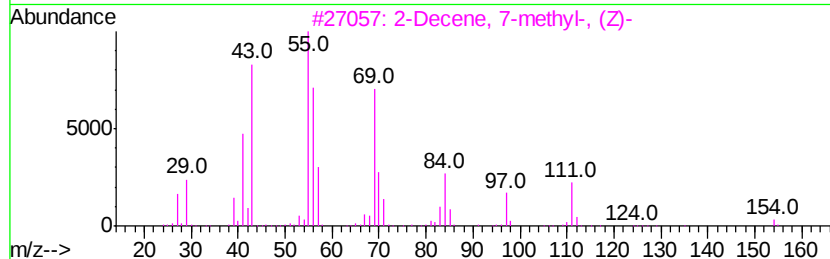
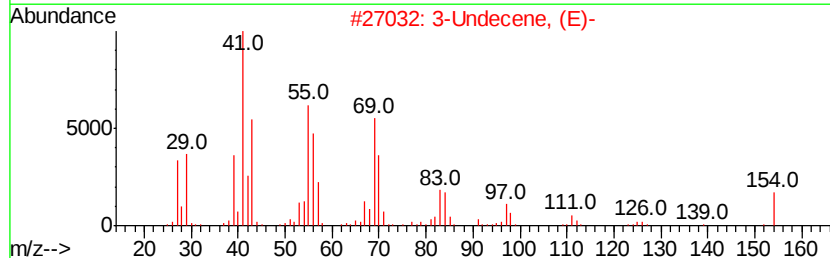
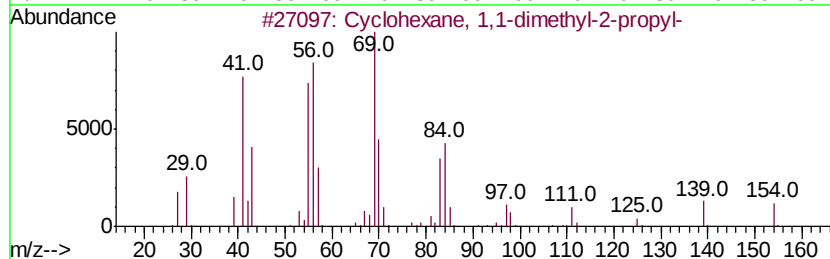
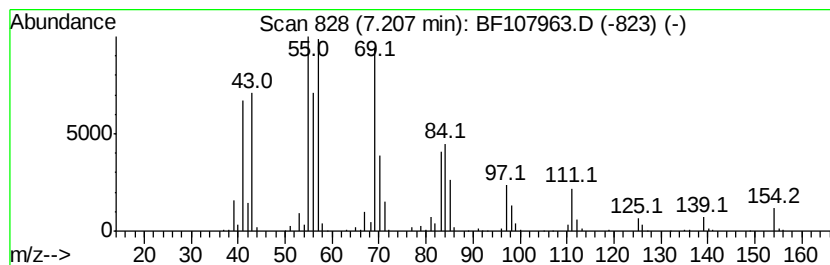
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Cyclohexane, 1,1-dimethyl-2... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.21	24.80 ng	1078410	1,4-Dichlorobenzene-d4	6.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1-dimethyl-2-propyl-	154	C11H22	081983-71-3	87
2		3-Undecene, (E)-	154	C11H22	001002-68-2	81
3		2-Decene, 7-methyl-, (Z)-	154	C11H22	074630-23-2	72
4		1-Decene, 5-methyl-	154	C11H22	054244-79-0	70
5		5-Undecene	154	C11H22	004941-53-1	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
Data File : BF107963.D
Acq On : 4 Aug 2018 3:12
Operator : JU/SJ
Sample : J4297-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

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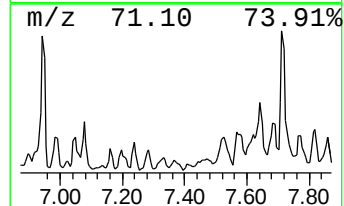
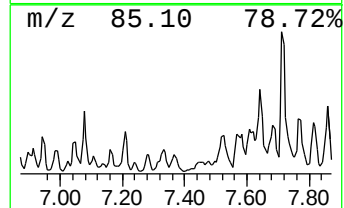
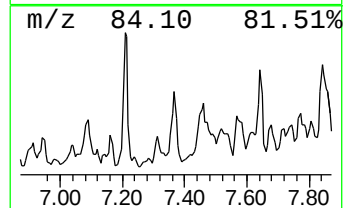
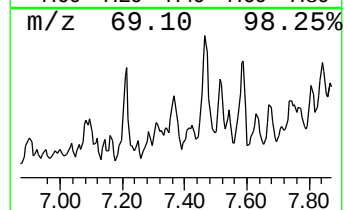
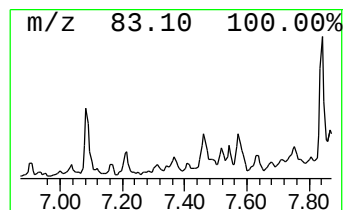
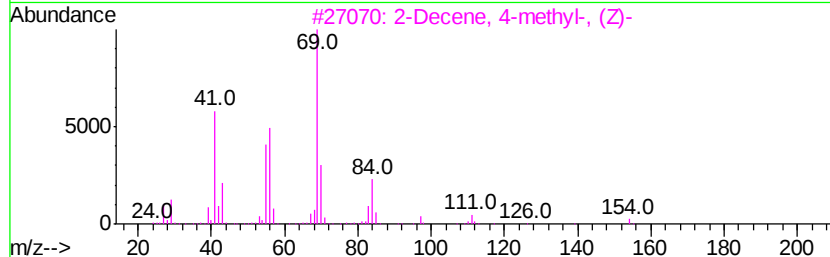
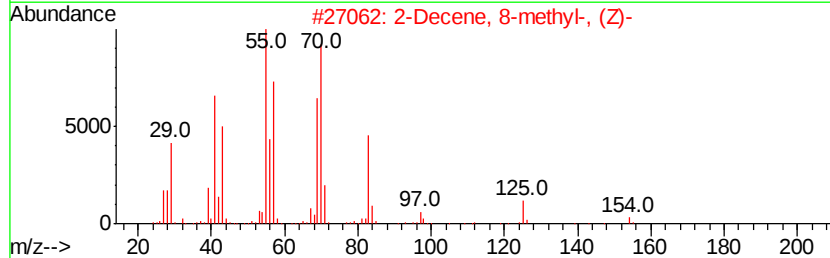
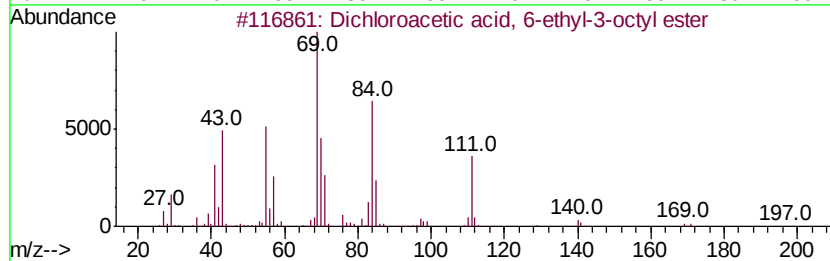
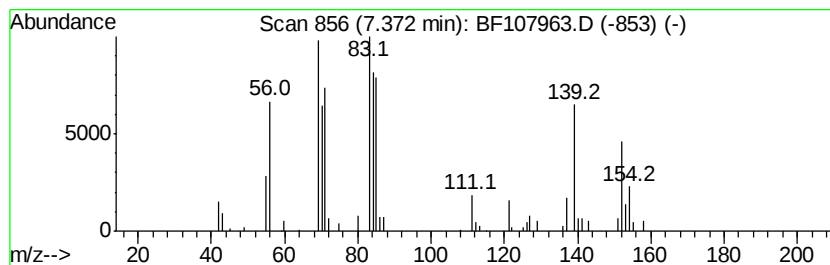
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown7.37 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.37	14.64 ng	636589	1,4-Dichlorobenzene-d4	6.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dichloroacetic acid, 6-ethyl-3-o...	268	C12H22Cl2O2	1000282-56-6	47
2		2-Decene, 8-methyl-, (Z)-	154	C11H22	074630-25-4	43
3		2-Decene, 4-methyl-, (Z)-	154	C11H22	074630-30-1	43
4		Cyclopropane, 1,2-dimethyl-1-pen...	140	C10H20	062238-04-4	43
5		Nonane, 2-methyl-3-methylene-	154	C11H22	055499-08-6	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
Data File : BF107963.D
Acq On : 4 Aug 2018 3:12
Operator : JU/SJ
Sample : J4297-07
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Instrument :
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ClientSampleId :
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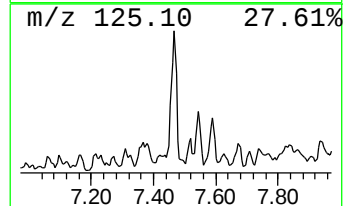
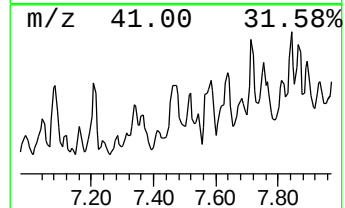
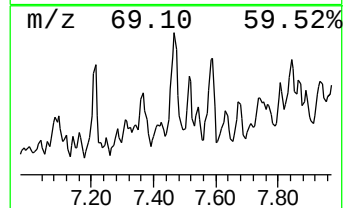
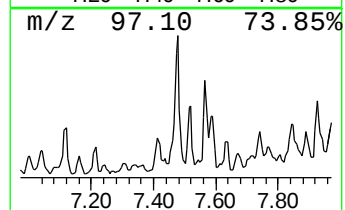
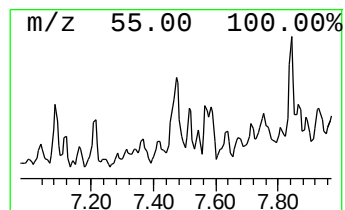
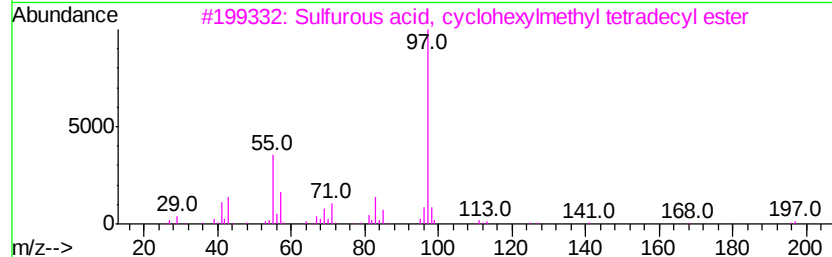
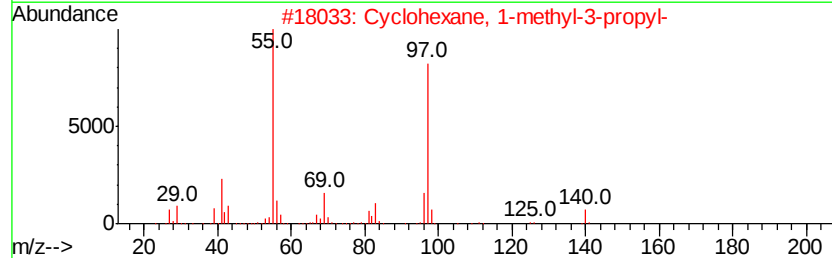
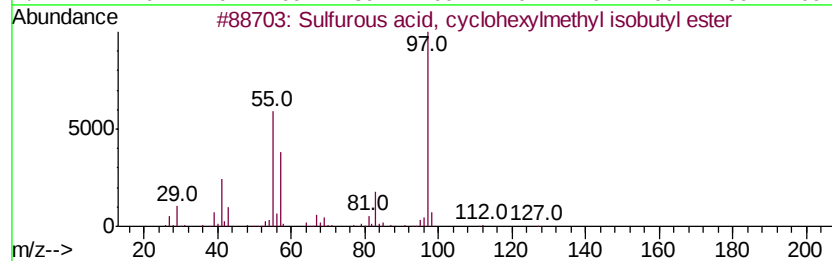
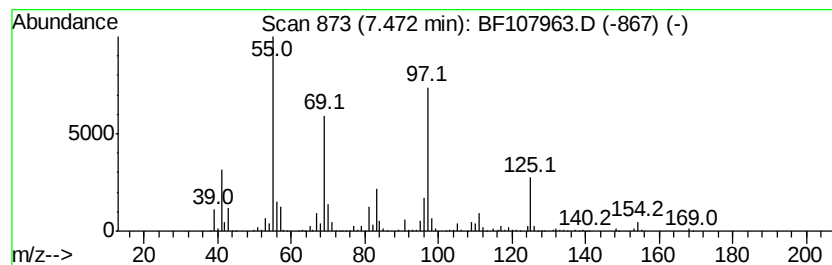
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Sulfurous acid, cyclohexylm... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	46.10 ng	2004340	1,4-Dichlorobenzene-d4	6.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, cvclohexylmethvl...	234	C11H22O3S	1000309-21-3	58
2		Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	53
3		Sulfurous acid, cvclohexylmethvl...	374	C21H42O3S	1000309-22-2	53
4		Sulfurous acid, cvclohexylmethvl...	388	C22H44O3S	1000309-22-3	53
5		4-Undecen-6-one	168	C11H20O	032064-74-7	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
Data File : BF107963.D
Acq On : 4 Aug 2018 3:12
Operator : JU/SJ
Sample : J4297-07
Misc :
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Instrument :
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ClientSampleId :
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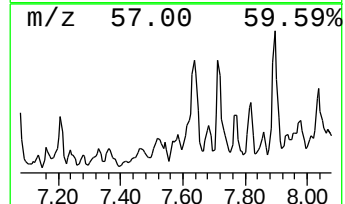
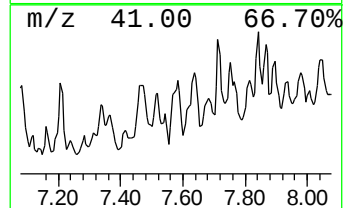
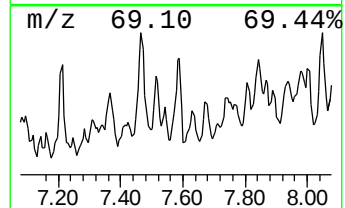
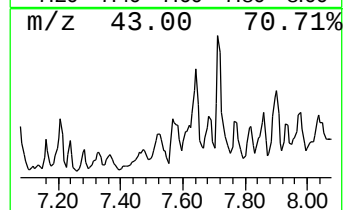
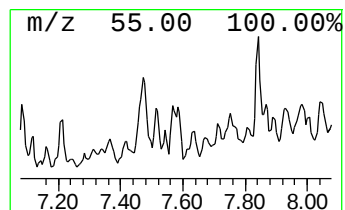
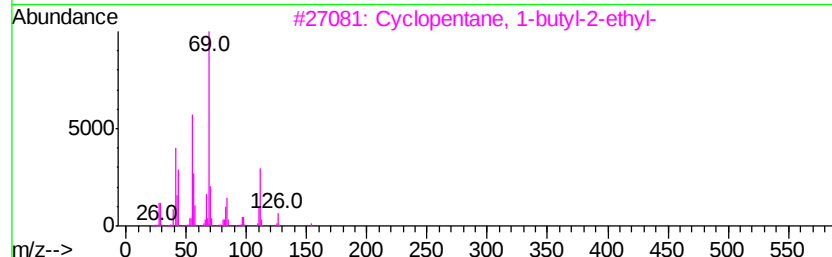
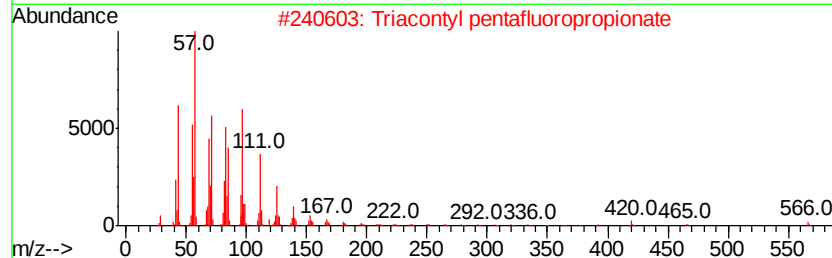
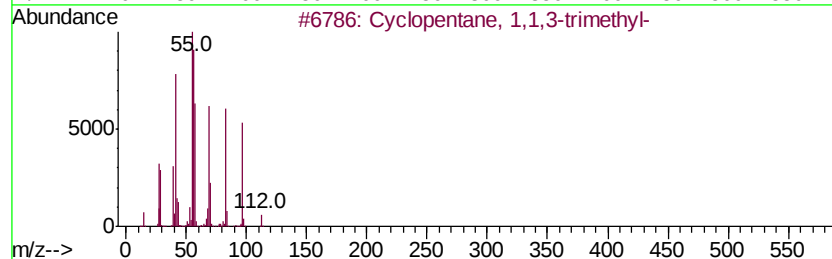
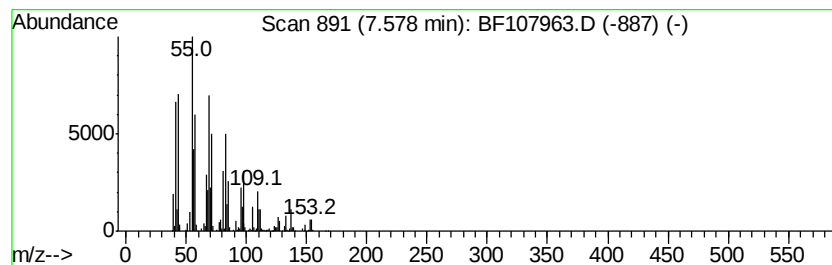
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown7.58 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	40.78 ng	1773180	1,4-Dichlorobenzene-d4	6.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	45
2		Triacetyl pentafluoropropionate	584	C33H61F5O2	1000351-80-0	38
3		Cyclopentane, 1-butyl-2-ethyl-	154	C11H22	072993-32-9	38
4		Tricosyl pentafluoropropionate	486	C26H47F5O2	1000351-81-0	30
5		Dotriacetyl heptafluorobutyrate	662	C36H65F7O2	1000351-84-2	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
Data File : BF107963.D
Acq On : 4 Aug 2018 3:12
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Misc :
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Instrument :
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ClientSampleId :
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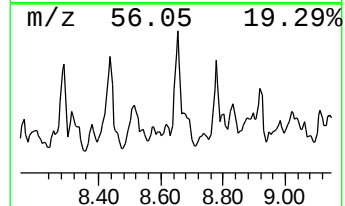
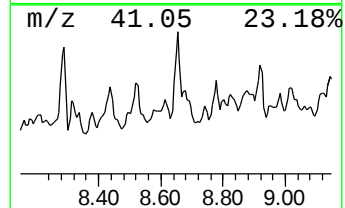
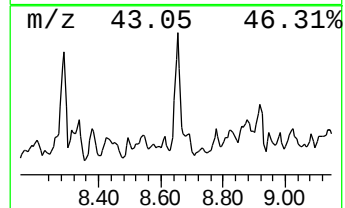
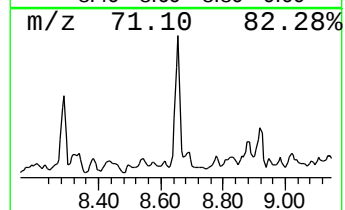
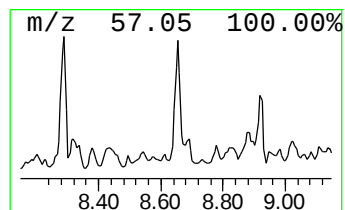
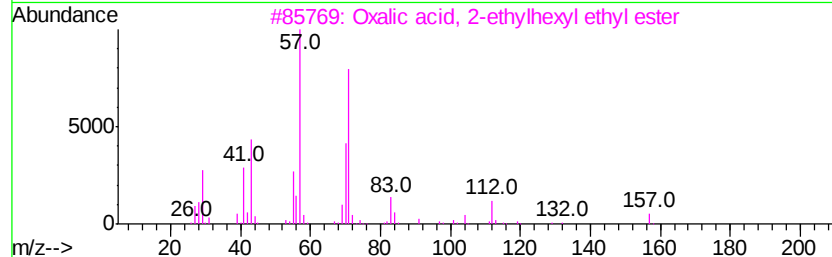
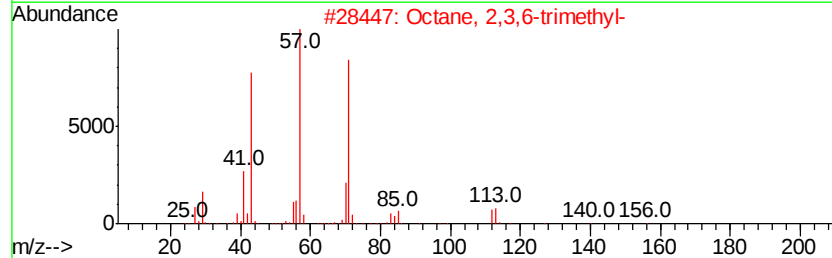
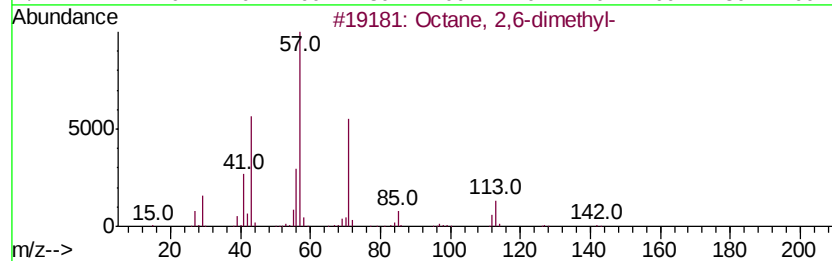
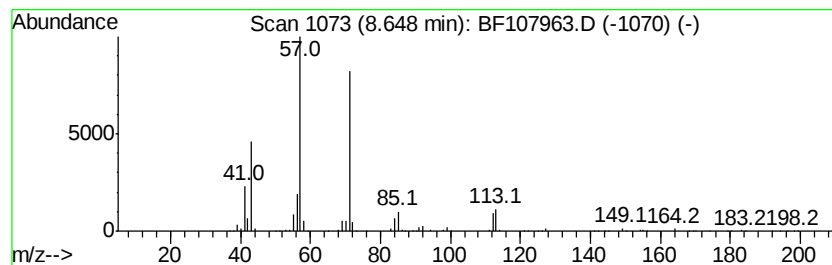
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Octane, 2,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	18.27 ng	3623820	Naphthalene-d8	8.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	86
2		Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	78
3		Oxalic acid, 2-ethylhexyl ethyl ...	230	C12H22O4	1000309-38-4	72
4		Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	72
5		2-Ethylhexyl mercaptoacetate	204	C10H20O2S	007659-86-1	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
Data File : BF107963.D
Acq On : 4 Aug 2018 3:12
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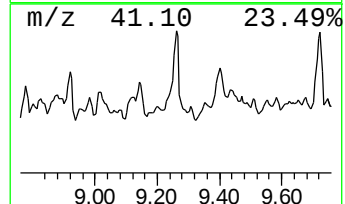
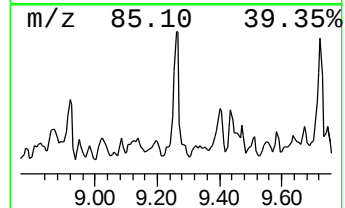
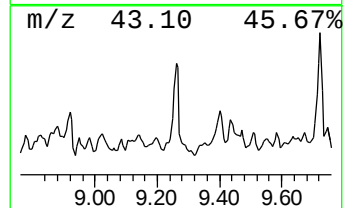
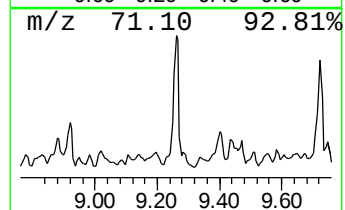
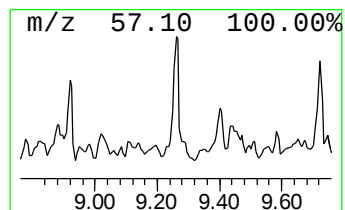
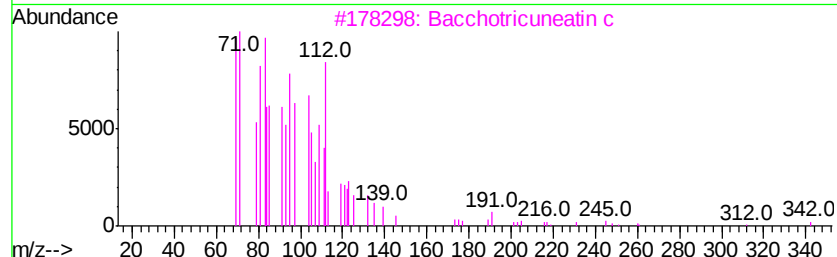
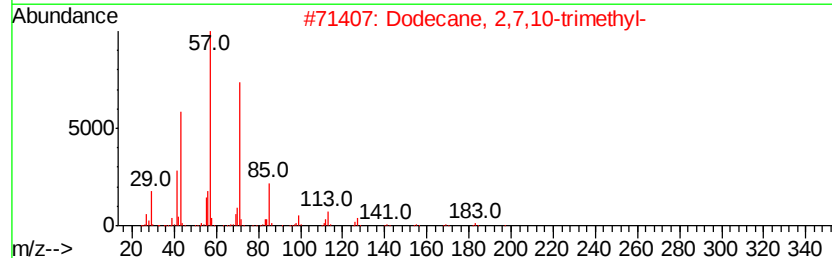
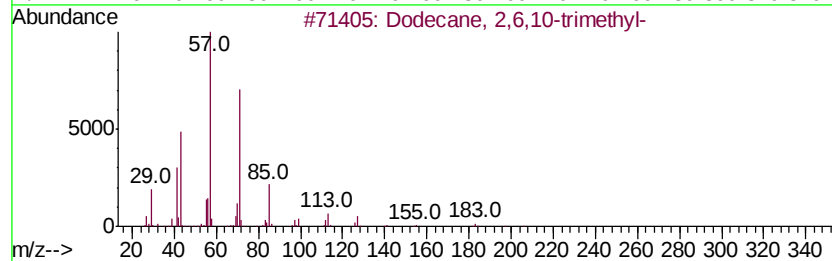
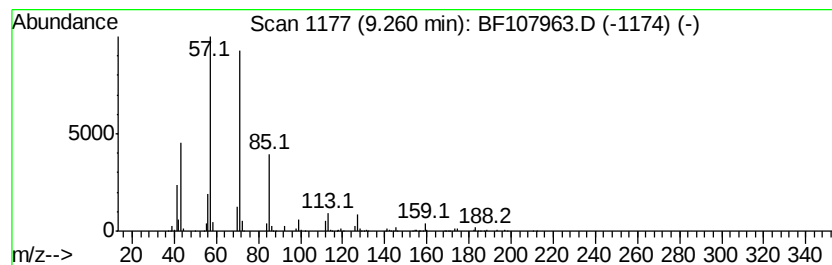
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Dodecane, 2,6,10-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.26	72.27 ng	3962930	Acenaphthene-d10	10.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
2		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
3		Bacchotricuneatin c	342	C20H22O5	066563-30-2	64
4		Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	64
5		Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
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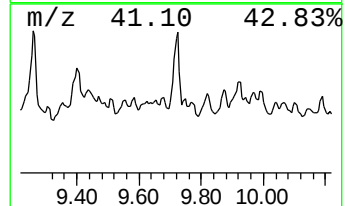
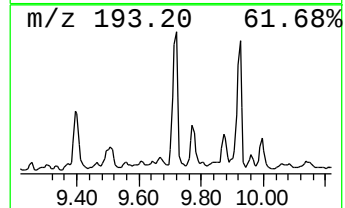
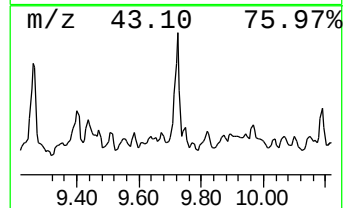
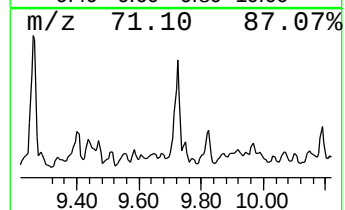
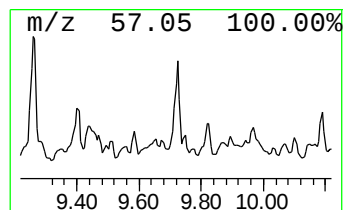
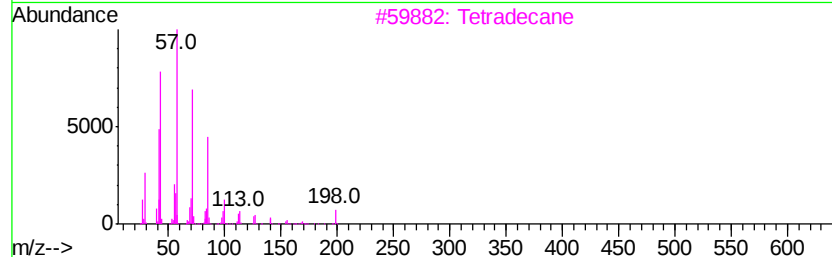
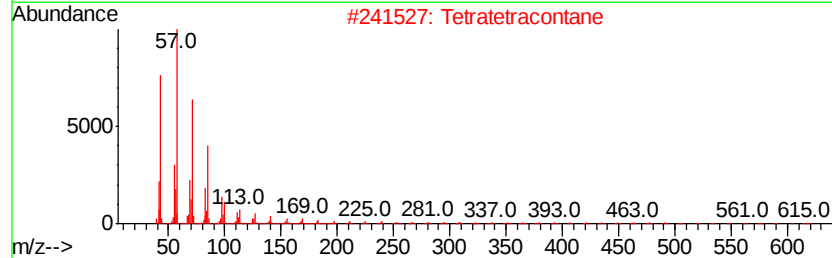
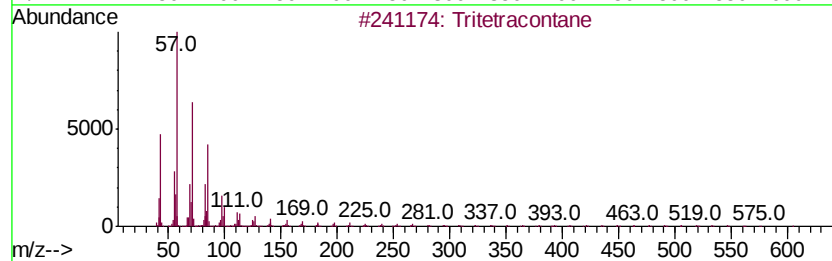
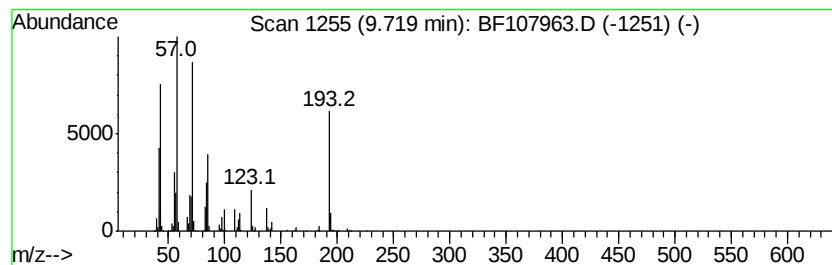
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Tritetracontane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.72	63.63 ng	3489210	Acenaphthene-d10	10.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tritetracontane	605	C43H88	007098-21-7	86
2		Tetratetracontane	619	C44H90	007098-22-8	86
3		Tetradecane	198	C14H30	000629-59-4	72
4		Pentadecane	212	C15H32	000629-62-9	64
5		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
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ClientSampled :
TP-7

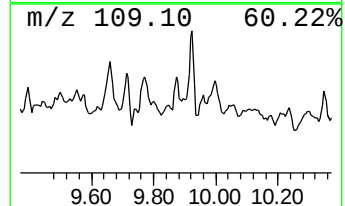
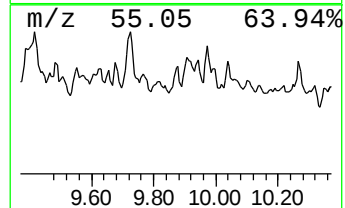
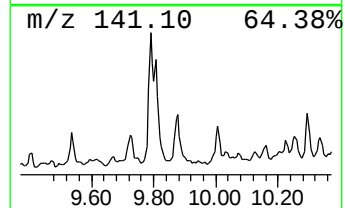
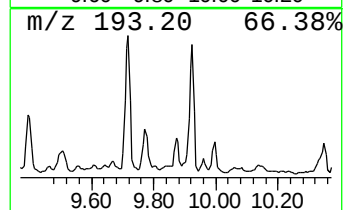
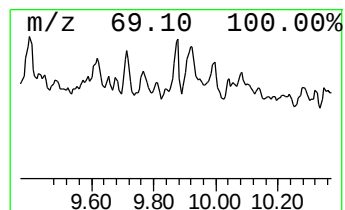
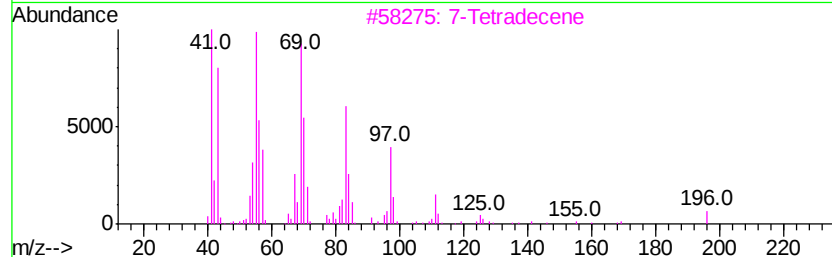
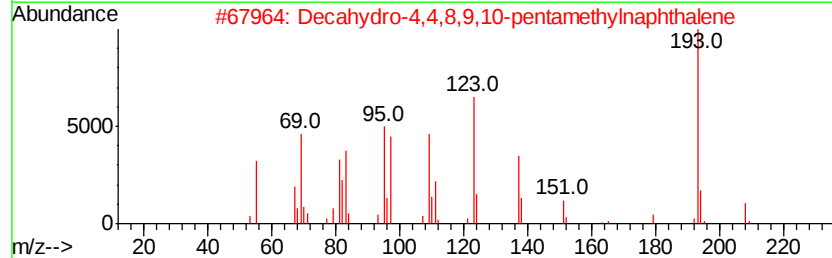
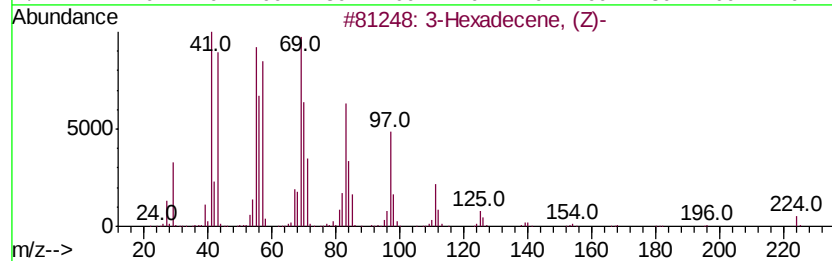
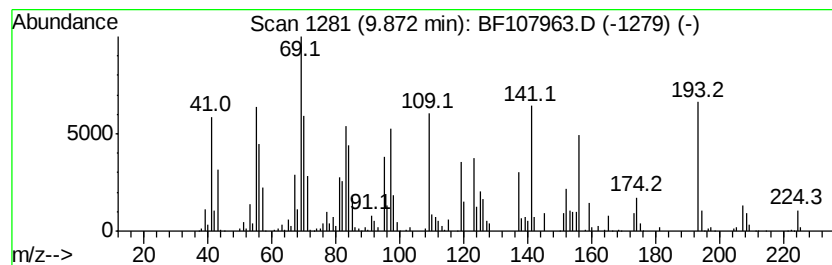
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 3-Hexadecene, (Z)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.87	20.00 ng	1096640	Acenaphthene-d10	10.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Hexadecene, (Z)-	224	C16H32	034303-81-6	56
2		Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	51
3		7-Tetradecene	196	C14H28	010374-74-0	38
4		2,6-Octadienal, 3,7-dimethyl-, (Z)-	152	C10H16O	000106-26-3	38
5		1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
Data File : BF107963.D
Acq On : 4 Aug 2018 3:12
Operator : JU/SJ
Sample : J4297-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-7

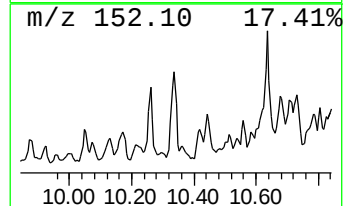
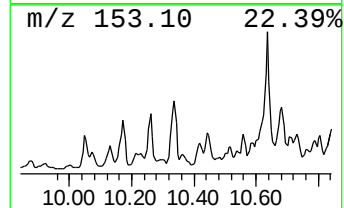
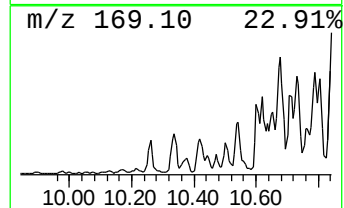
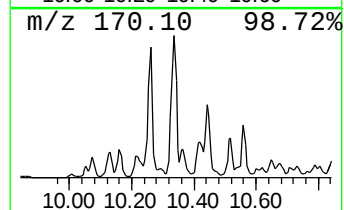
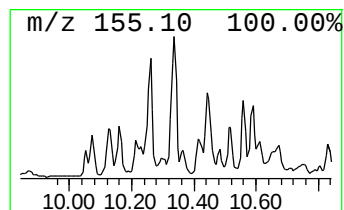
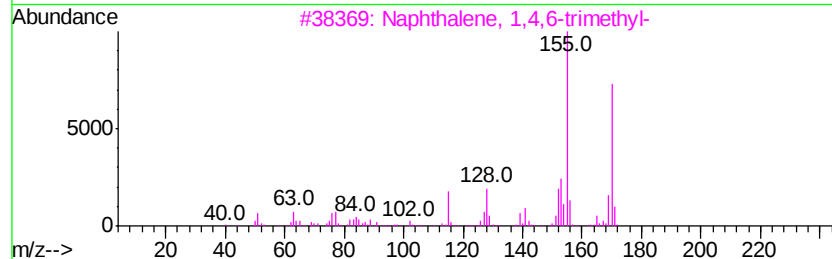
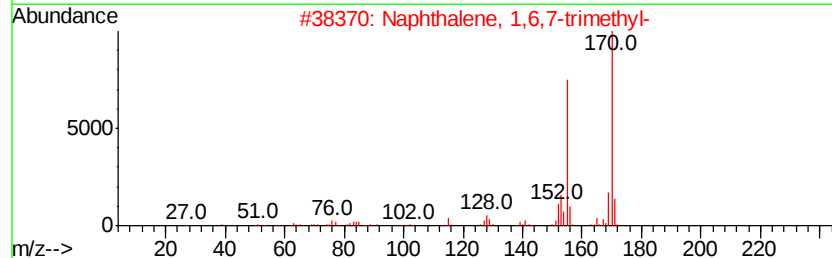
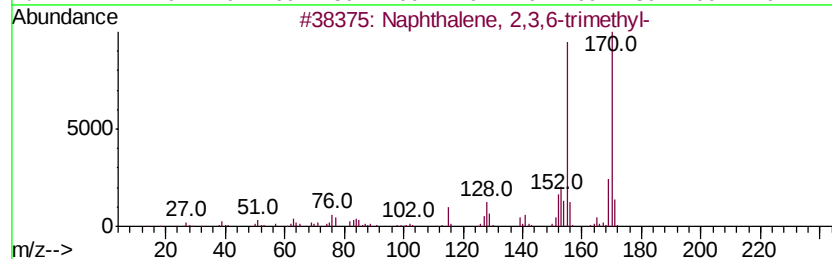
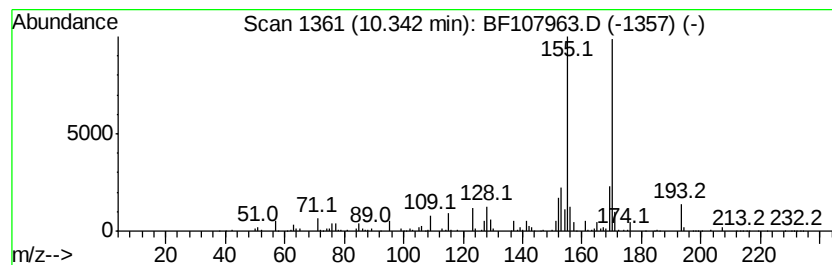
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Naphthalene, 2,3,6-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.34	30.80 ng	1688610	Acenaphthene-d10	10.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91
5		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
Data File : BF107963.D
Acq On : 4 Aug 2018 3:12
Operator : JU/SJ
Sample : J4297-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-7

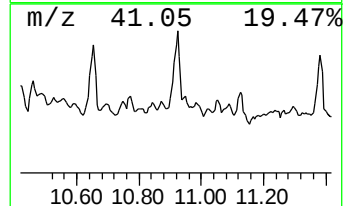
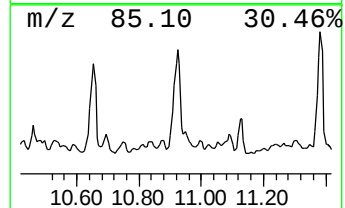
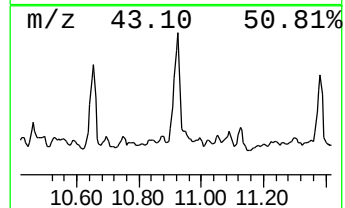
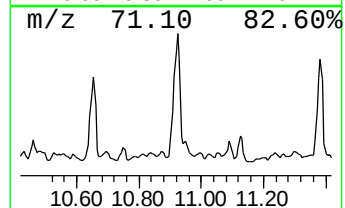
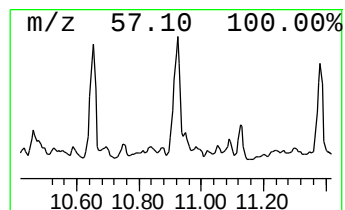
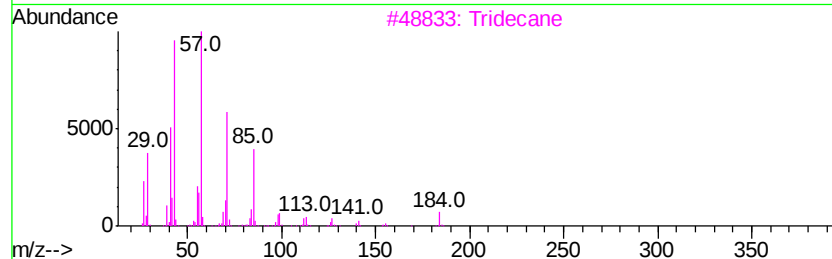
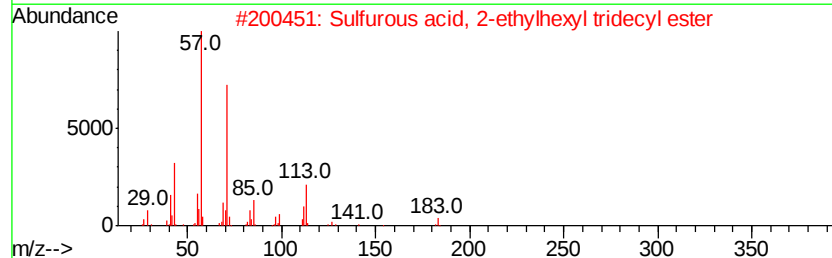
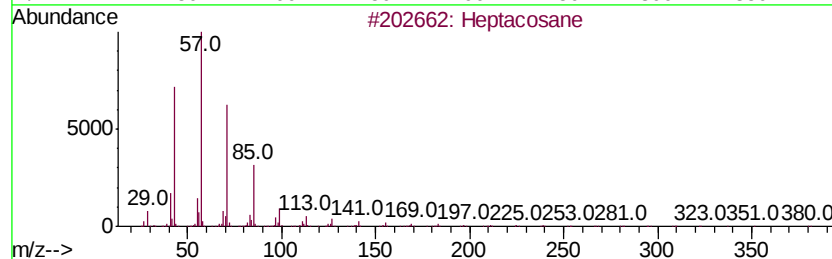
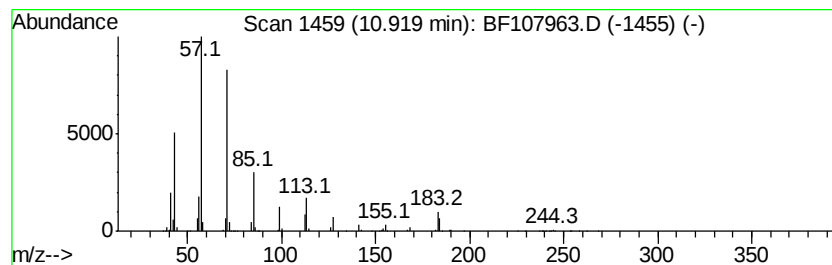
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Heptacosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.92	20.00 ng	4811780	Phenanthrene-d10	11.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	72
2		Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	64
3		Tridecane	184	C13H28	000629-50-5	64
4		Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	64
5		Dodecane	170	C12H26	000112-40-3	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080318\
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 Operator : JU/SJ
 Sample : J4297-07
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.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
unknown5.17	5.17	14.4	ng	627235	1	6.96	869605	20.0
Sulfurous acid, d...	6.18	27.4	ng	1191480	1	6.96	869605	20.0
Cyclohexane, 1,1,...	6.48	24.5	ng	1065220	1	6.96	869605	20.0
Cyclohexane, 1-me...	6.68	14.2	ng	615613	1	6.96	869605	20.0
unknown6.73	6.73	48.3	ng	2097720	1	6.96	869605	20.0
unknown6.84	6.84	19.8	ng	860691	1	6.96	869605	20.0
unknown6.90	6.90	15.7	ng	681915	1	6.96	869605	20.0
unknown7.04	7.04	17.2	ng	749031	1	6.96	869605	20.0
Cyclohexane, (2-m...	7.08	23.0	ng	999374	1	6.96	869605	20.0
Cyclohexane, 1,1-...	7.21	24.8	ng	1078410	1	6.96	869605	20.0
unknown7.37	7.37	14.6	ng	636589	1	6.96	869605	20.0
Sulfurous acid, c...	7.47	46.1	ng	2004340	1	6.96	869605	20.0
unknown7.58	7.58	40.8	ng	1773180	1	6.96	869605	20.0
Octane, 2,6-dimet...	8.65	18.3	ng	3623820	2	8.24	3966350	20.0
Dodecane, 2,6,10-...	9.26	72.3	ng	3962930	3	10.02	1096640	20.0
Tritetracontane	9.72	63.6	ng	3489210	3	10.02	1096640	20.0
3-Hexadecene, (Z)-	9.87	20.0	ng	1096640	3	10.02	1096640	20.0
Naphthalene, 2,3,...	10.34	30.8	ng	1688610	3	10.02	1096640	20.0
Heptacosane	10.92	20.0	ng	4811780	4	11.52	4811780	20.0