

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
 Data File : BF081413.D
 Acq On : 4 Sep 2015 10:28
 Operator : UM/IZ
 Sample : G3505-08
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P005-TS01-01

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-BF090115.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	4.410	244	247	262	rVB	576594	1001718	57.61%	4.252%
2	4.913	289	291	294	rBV	1305316	1404085	80.75%	5.960%
3	6.045	387	390	392	rBV	1209418	1611900	92.70%	6.842%
4	6.136	396	398	400	rBV	1687961	1524134	87.66%	6.470%
5	6.365	416	418	421	rVB	408225	341759	19.66%	1.451%
6	6.525	429	432	434	rBV	1288883	1199933	69.01%	5.094%
7	6.947	466	469	471	rBV	1069892	1109361	63.80%	4.709%
8	7.656	529	531	533	rBV	534569	441266	25.38%	1.873%
9	8.742	623	626	628	rBV	2006921	1738777	100.00%	7.381%
10	9.142	659	661	664	rBV	288785	250272	14.39%	1.062%
11	9.393	681	683	686	rVB	426089	427201	24.57%	1.813%
12	9.862	723	724	726	rVB	24659	19522	1.12%	0.083%
13	10.182	749	752	754	rBV	1042016	985276	56.66%	4.182%
14	10.331	762	765	771	rVB	43862	68052	3.91%	0.289%
15	10.456	774	776	778	rBV	38239	35664	2.05%	0.151%
16	10.776	800	804	805	rBV	40132	35074	2.02%	0.149%
17	10.856	809	811	815	rBV	357932	526464	30.28%	2.235%
18	10.936	815	818	819	rBV2	30465	29640	1.70%	0.126%
19	10.959	819	820	823	rVB2	41646	38219	2.20%	0.162%
20	11.131	830	835	839	rBV5	13266	34257	1.97%	0.145%
21	11.199	839	841	844	rVB	29805	31962	1.84%	0.136%
22	11.359	853	855	856	rBV	36720	31795	1.83%	0.135%
23	11.382	856	857	860	rVB	26675	35005	2.01%	0.149%
24	11.439	860	862	865	rBV2	264210	311748	17.93%	1.323%
25	11.679	880	883	884	rBV2	20844	29191	1.68%	0.124%
26	11.908	901	903	904	rBV	26955	30205	1.74%	0.128%
27	11.942	904	906	909	rVV2	22181	47710	2.74%	0.203%
28	11.988	909	910	911	rVV	34202	29856	1.72%	0.127%
29	12.057	914	916	918	rVV	204027	180817	10.40%	0.768%
30	12.114	920	921	923	rBV2	15314	19616	1.13%	0.083%
31	12.159	923	925	927	rVB2	55886	56485	3.25%	0.240%
32	12.217	927	930	933	rBV2	47260	72790	4.19%	0.309%
33	12.274	933	935	939	rVB	163447	199758	11.49%	0.848%
34	12.445	948	950	952	rBV	1360293	1219676	70.15%	5.177%

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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

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35	12.605	960	964	967	rVB2	19473	49369	2.84%	0.210%
36	12.708	967	973	975	rBV3	78024	167619	9.64%	0.712%
37	12.834	982	984	986	rVB2	18370	23608	1.36%	0.100%
38	12.868	986	987	989	rBV2	22133	21903	1.26%	0.093%
39	12.914	989	991	996	rBV3	36747	54395	3.13%	0.231%
40	13.051	1000	1003	1004	rVV	28495	41035	2.36%	0.174%
41	13.108	1004	1008	1011	rVB2	12875	21962	1.26%	0.093%
42	13.165	1011	1013	1015	rVB2	27409	30981	1.78%	0.132%
43	13.222	1015	1018	1019	rBV	18003	26406	1.52%	0.112%
44	13.371	1028	1031	1037	rBV	388491	594661	34.20%	2.524%
45	13.462	1037	1039	1046	rVB2	260823	509733	29.32%	2.164%
46	13.588	1046	1050	1051	rBV3	18424	35476	2.04%	0.151%
47	13.691	1057	1059	1066	rVB4	57651	107518	6.18%	0.456%
48	13.805	1068	1069	1071	rVV	42886	47984	2.76%	0.204%
49	13.851	1071	1073	1075	rVB	18921	24045	1.38%	0.102%
50	13.885	1075	1076	1080	rBV2	13375	28749	1.65%	0.122%
51	14.000	1083	1086	1093	rVV	537940	778326	44.76%	3.304%
52	14.114	1094	1096	1098	rVB	31839	31167	1.79%	0.132%
53	14.285	1107	1111	1112	rBV	55857	79668	4.58%	0.338%
54	14.342	1115	1116	1118	rVB	34182	29187	1.68%	0.124%
55	14.411	1120	1122	1124	rVV	235278	234417	13.48%	0.995%
56	14.457	1124	1126	1130	rVB	77001	147899	8.51%	0.628%
57	14.537	1130	1133	1134	rBV2	31902	46678	2.68%	0.198%
58	14.571	1134	1136	1140	rVV2	332120	830614	47.77%	3.526%
59	14.628	1140	1141	1144	rVV	133703	129389	7.44%	0.549%
60	14.685	1144	1146	1148	rVV2	72470	86440	4.97%	0.367%
61	14.731	1148	1150	1152	rVV	62040	67596	3.89%	0.287%
62	14.777	1152	1154	1158	rVB	242496	261867	15.06%	1.112%
63	14.857	1158	1161	1162	rBV	31518	45809	2.63%	0.194%
64	14.994	1171	1173	1176	rBV	194693	268800	15.46%	1.141%
65	15.177	1186	1189	1191	rBV	305082	439239	25.26%	1.865%
66	15.211	1191	1192	1195	rVV	202627	392701	22.58%	1.667%
67	15.257	1195	1196	1198	rVV	147859	190210	10.94%	0.807%
68	15.348	1202	1204	1207	rVB2	56574	97825	5.63%	0.415%
69	15.543	1219	1221	1225	rVB4	19515	32239	1.85%	0.137%
70	15.611	1225	1227	1228	rBV	28129	44069	2.53%	0.187%
71	15.645	1228	1230	1235	rVB2	40859	69946	4.02%	0.297%

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Sampling : 1 Min Area: 3 % of largest Peak
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72	15.748	1235	1239	1246	rBV	257320	500284	28.77%	2.124%
73	15.851	1246	1248	1251	rVV2	32591	72652	4.18%	0.308%
74	15.966	1255	1258	1261	rVV	84786	178032	10.24%	0.756%
75	16.034	1261	1264	1266	rVV	85204	196956	11.33%	0.836%
76	16.091	1266	1269	1274	rVB	167887	375250	21.58%	1.593%
77	16.171	1274	1276	1278	rBV	19616	31354	1.80%	0.133%
78	16.297	1283	1287	1288	rBV3	83018	185144	10.65%	0.786%
79	16.514	1303	1306	1308	rBV2	51682	108250	6.23%	0.460%
80	16.606	1312	1314	1317	rVV4	30220	68469	3.94%	0.291%
81	16.674	1317	1320	1324	rVV5	25942	64495	3.71%	0.274%
82	16.766	1324	1328	1333	rVB3	43419	105317	6.06%	0.447%
83	17.006	1346	1349	1356	rVB3	47101	126387	7.27%	0.536%
84	17.234	1364	1369	1378	rVB	56997	182654	10.50%	0.775%
85	17.737	1409	1413	1417	rBV2	50591	121244	6.97%	0.515%
86	18.846	1506	1510	1514	rVB5	9339	32633	1.88%	0.139%

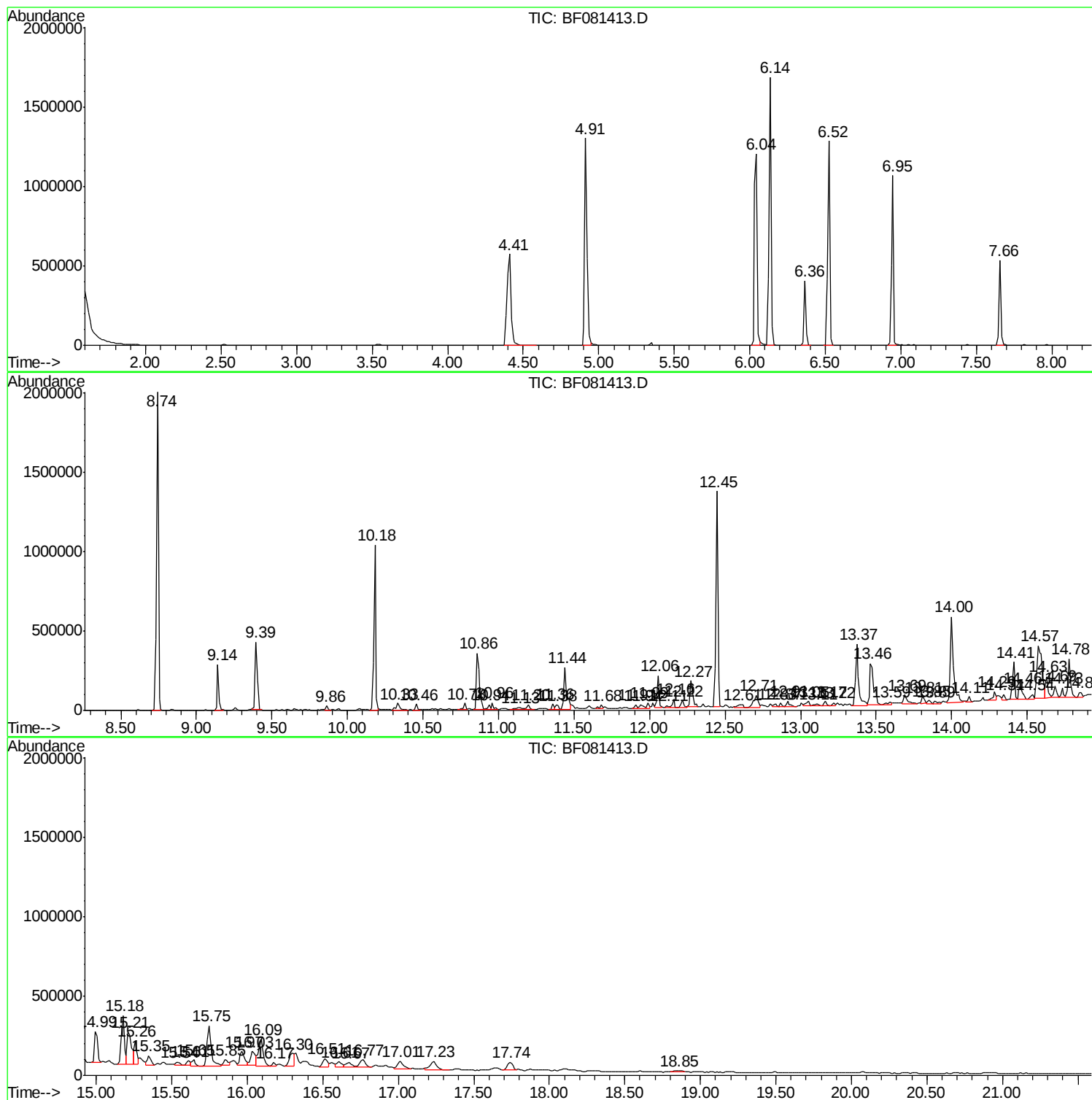
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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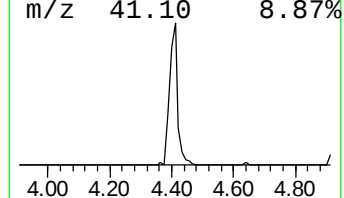
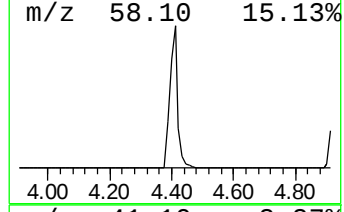
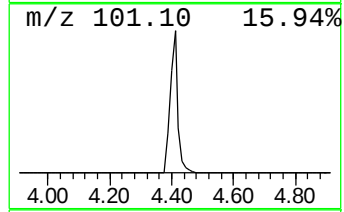
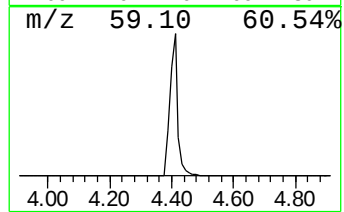
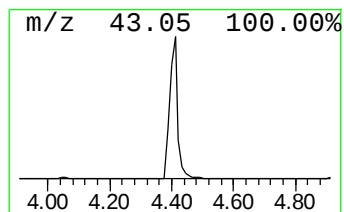
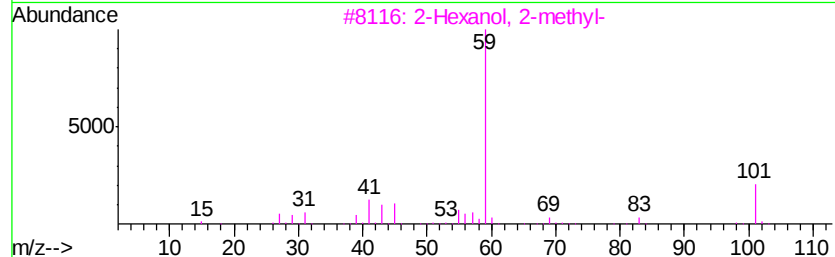
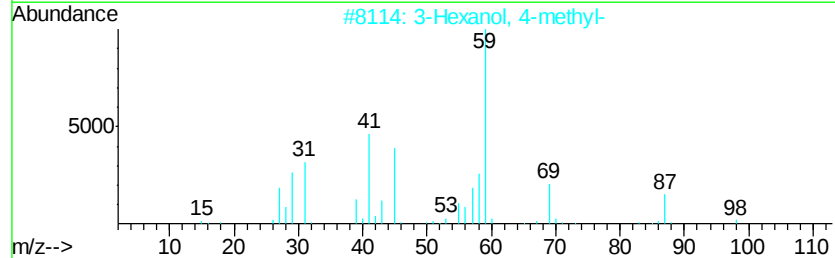
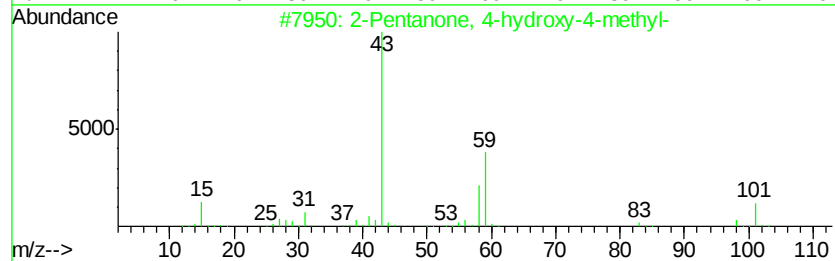
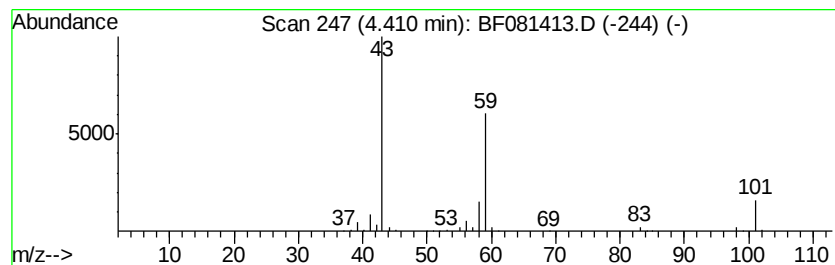
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.41	58.62 ng	1001720	1,4-Dichlorobenzene-d4	6.36

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5			Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	9



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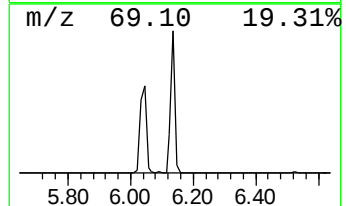
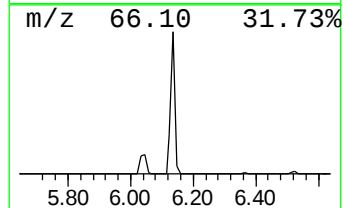
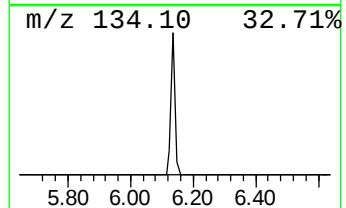
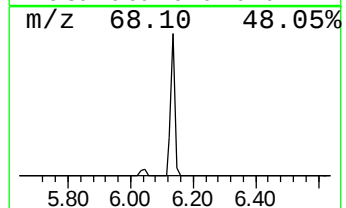
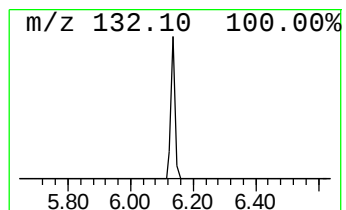
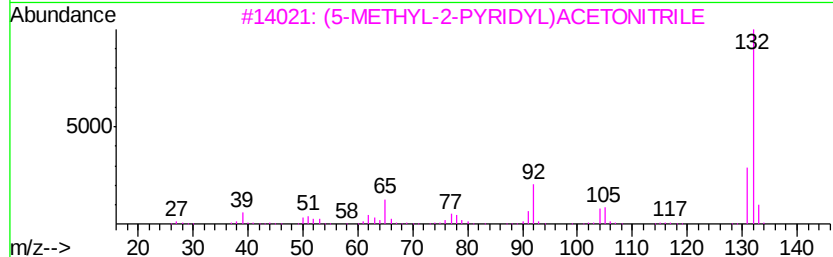
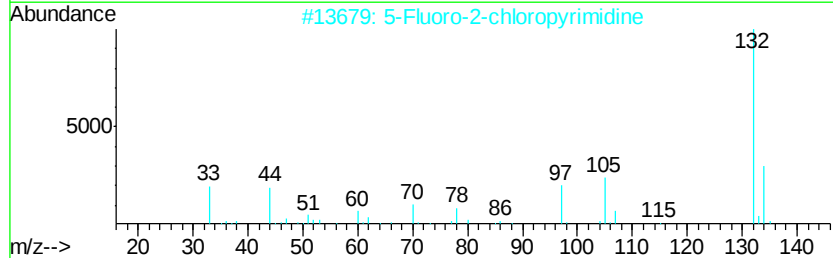
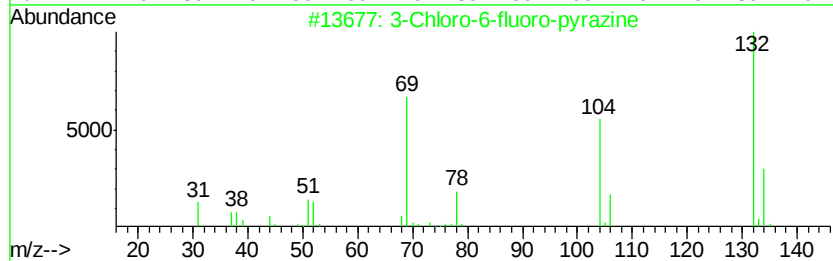
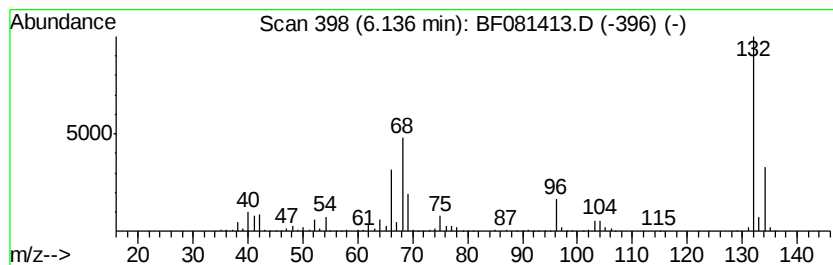
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.14 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.14	89.19 ng	1524130	1,4-Dichlorobenzene-d4	6.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3		(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
4		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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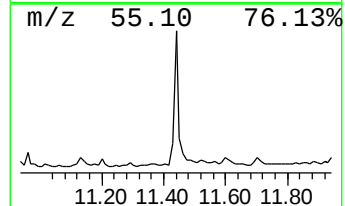
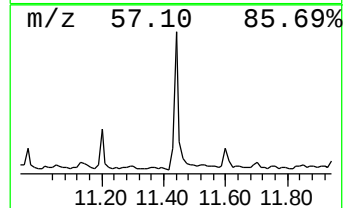
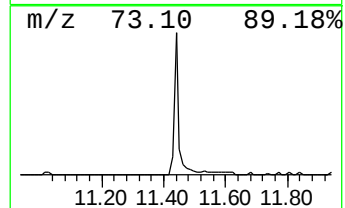
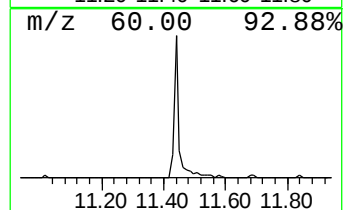
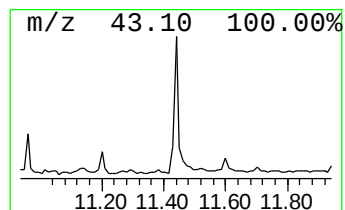
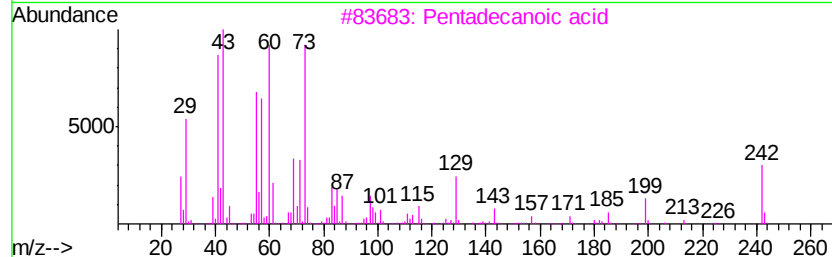
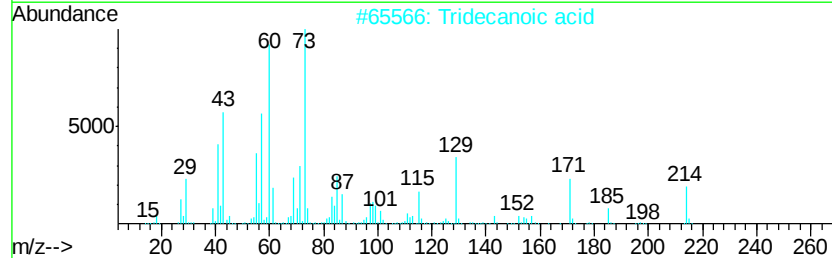
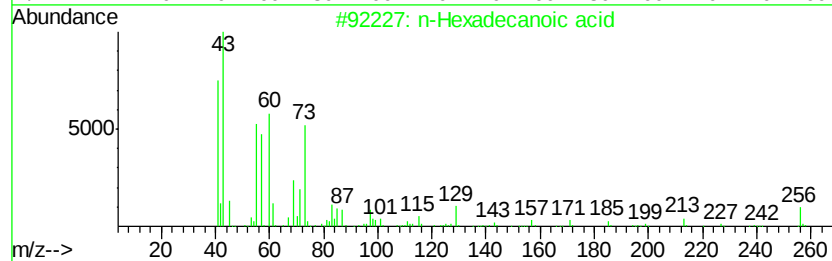
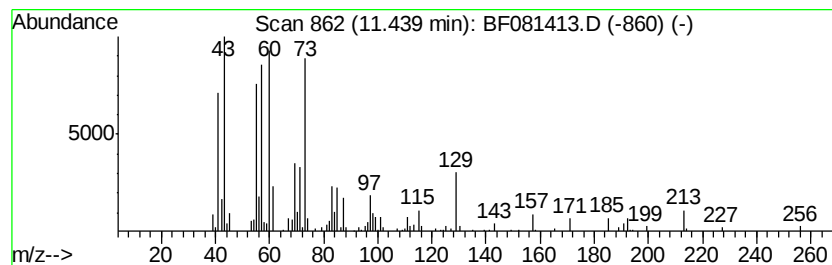
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TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 4 n-Hexadecanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.44	11.84 ng	311748	Phenanthrene-d10	10.86

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2		Tridecanoic acid	214	C13H26O2	000638-53-9	93
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5		Undecanoic acid	186	C11H22O2	000112-37-8	72



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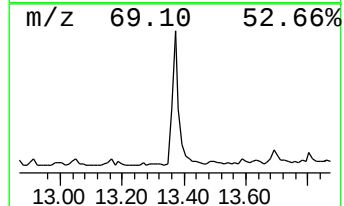
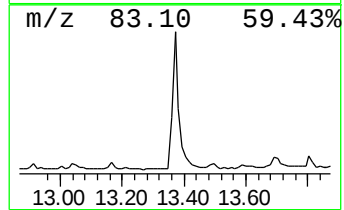
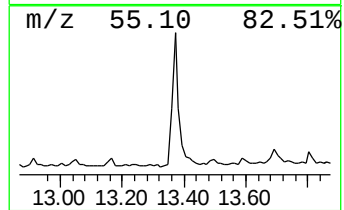
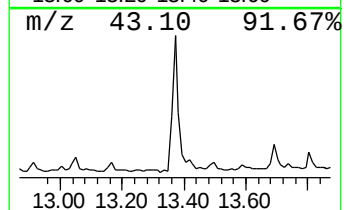
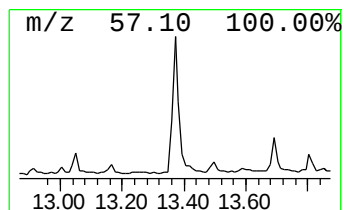
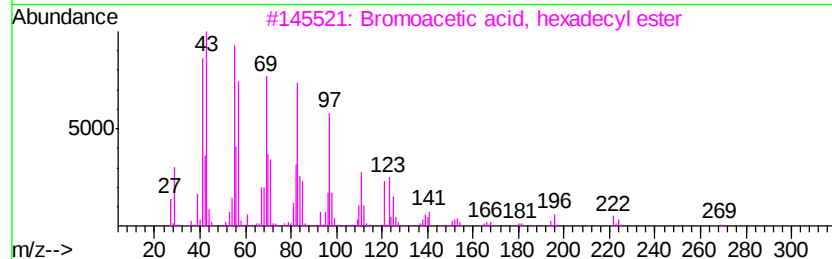
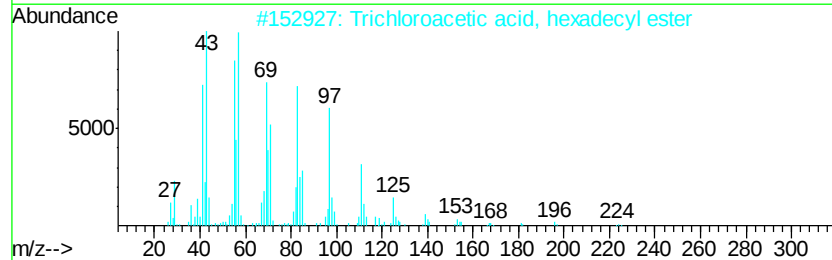
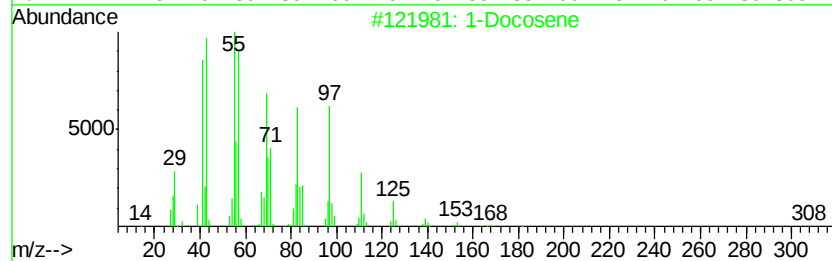
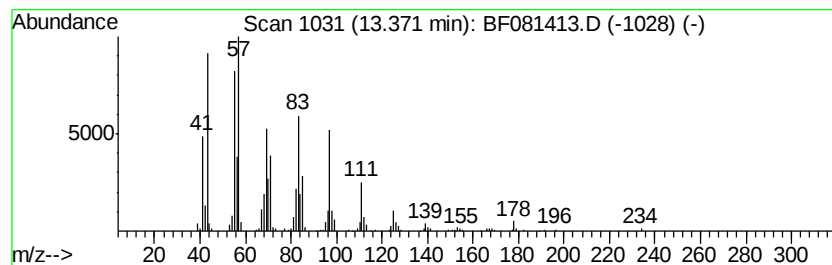
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 1-Docosene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.37	23.33 ng	594661	Chrysene-d12	13.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Docosene	308	C22H44	001599-67-3	90
2		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	87
3		Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	83
4		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	76
5		Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	74



Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
Data File : BF081413.D
Acq On : 4 Sep 2015 10:28
Operator : UM/IZ
Sample : G3505-08
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P005-TS01-01

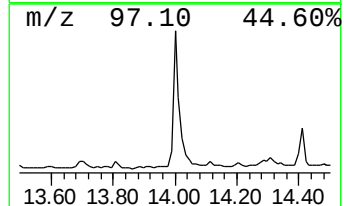
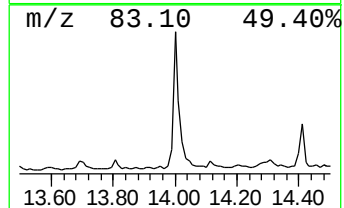
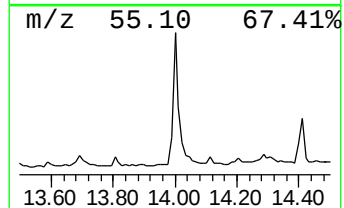
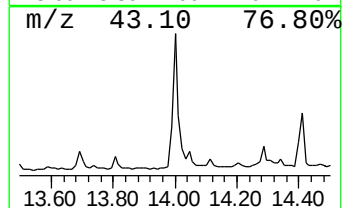
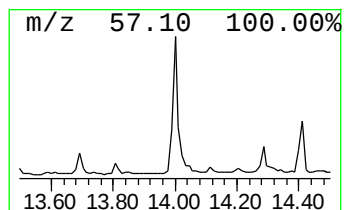
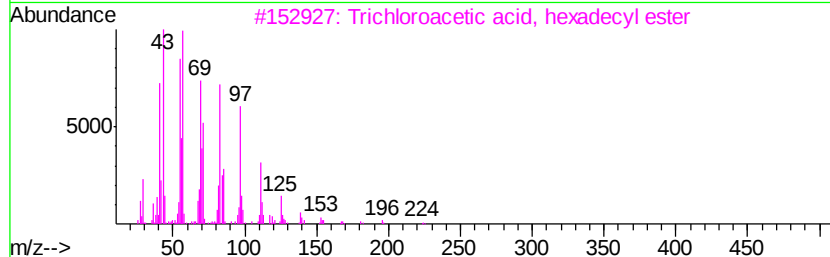
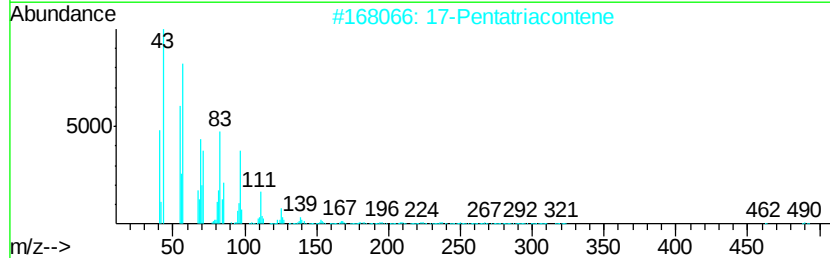
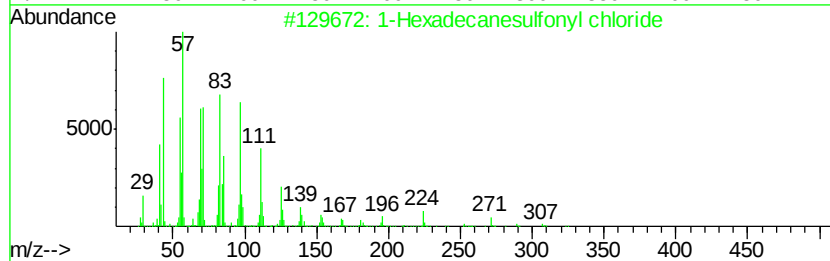
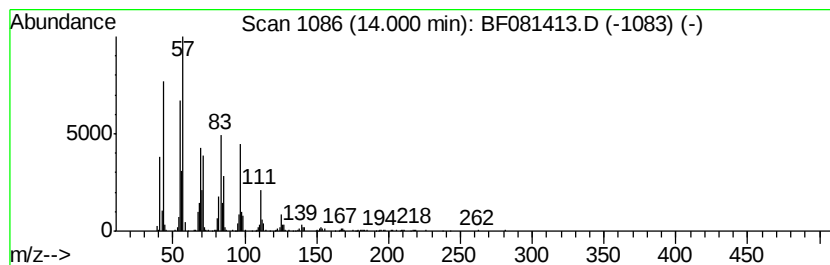
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 1-Hexadecanesulfonyl chloride Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.00	30.54 ng	778326	Chrysene-d12	13.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	90
2		17-Pentatriacontene	491	C35H70	006971-40-0	90
3		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	86
4		1-Docosene	308	C22H44	001599-67-3	76
5		2-Hexyl-1-octanol	214	C14H30O	019780-79-1	74



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090315\
Data File : BF081413.D
Acq On : 4 Sep 2015 10:28
Operator : UM/IZ
Sample : G3505-08
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P005-TS01-01

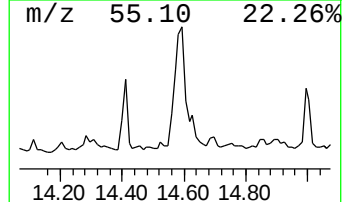
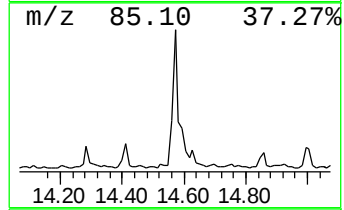
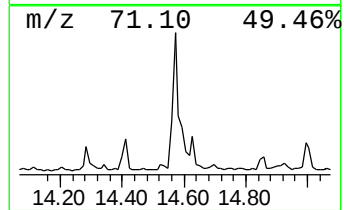
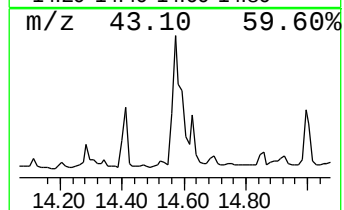
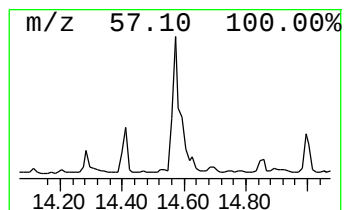
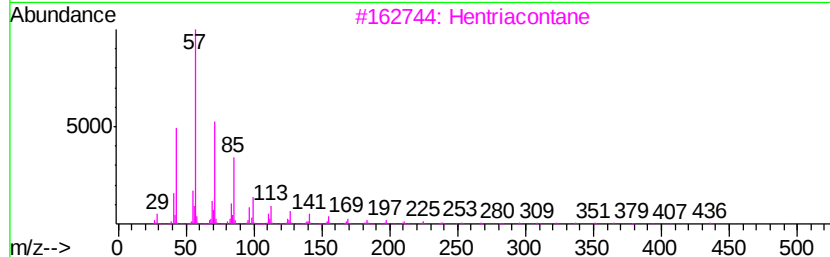
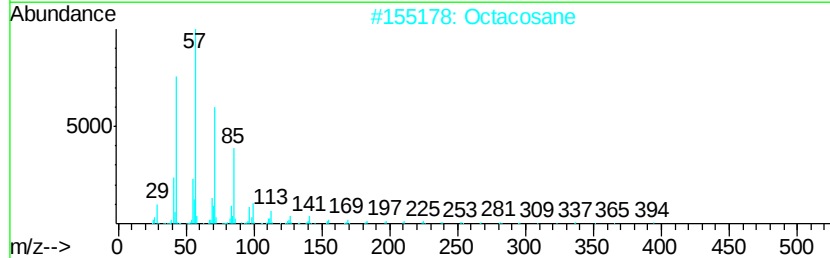
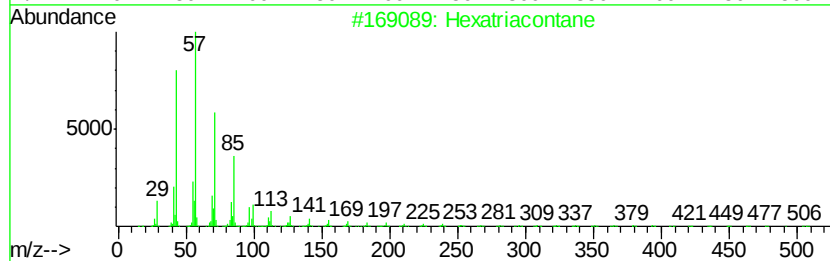
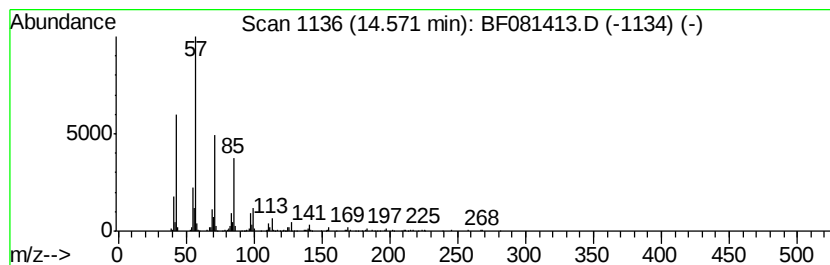
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexatriacontane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	63.44 ng	830614	Perylene-d12	14.78

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexatriacontane	507	C36H74	000630-06-8	91
2			Octacosane	394	C28H58	000630-02-4	91
3			Hentriacontane	437	C31H64	000630-04-6	91
4			Pentacosane	352	C25H52	000629-99-2	90
5			Eicosane	282	C20H42	000112-95-8	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
Data File : BF081413.D
Acq On : 4 Sep 2015 10:28
Operator : UM/IZ
Sample : G3505-08
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P005-TS01-01

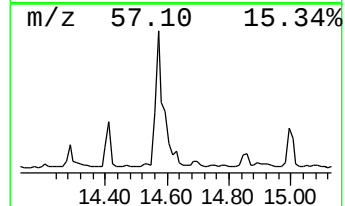
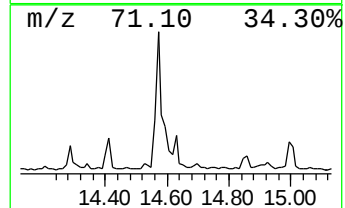
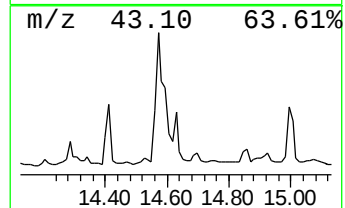
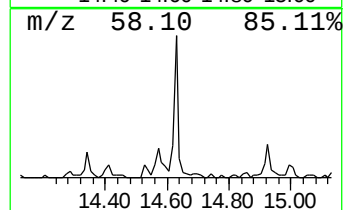
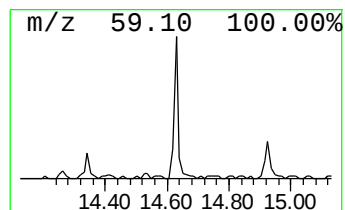
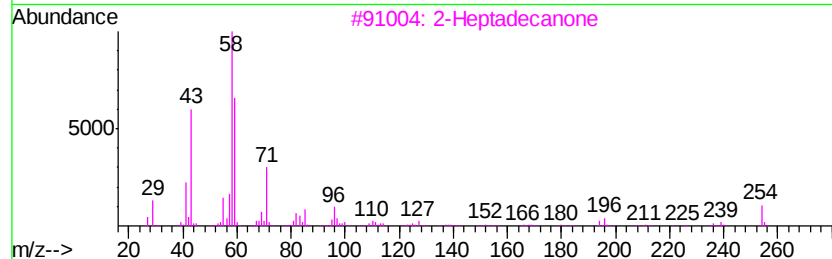
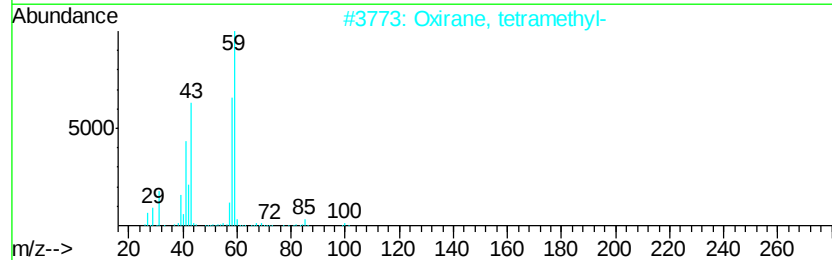
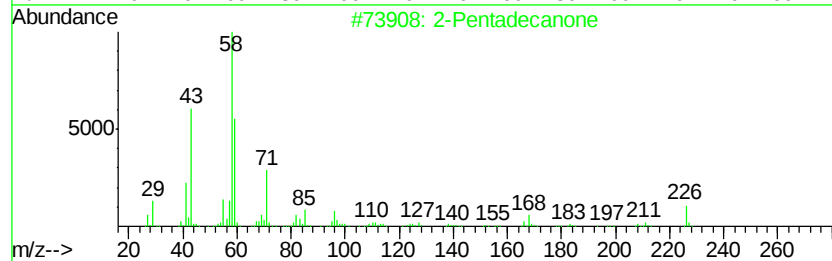
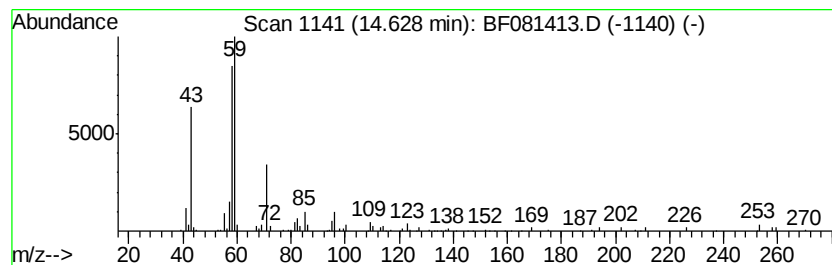
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 2-Pentadecanone Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.63	9.88 ng	129389	Perylene-d12	14.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentadecanone	226	C15H30O	002345-28-0	59
2		Oxirane, tetramethyl-	100	C6H12O	005076-20-0	59
3		2-Heptadecanone	254	C17H34O	002922-51-2	59
4		2-Nonadecanone	282	C19H38O	000629-66-3	53
5		2-Decanone	156	C10H20O	000693-54-9	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090315\
Data File : BF081413.D
Acq On : 4 Sep 2015 10:28
Operator : UM/IZ
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Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P005-TS01-01

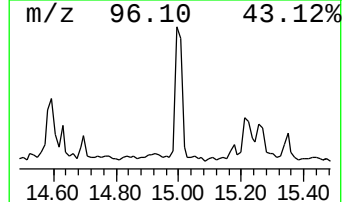
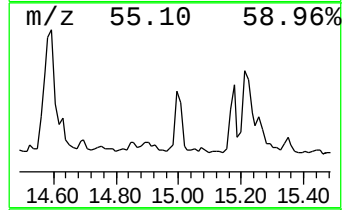
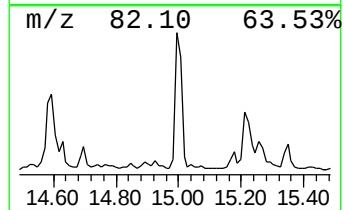
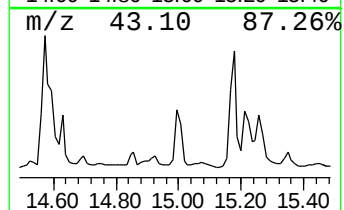
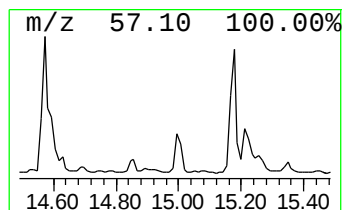
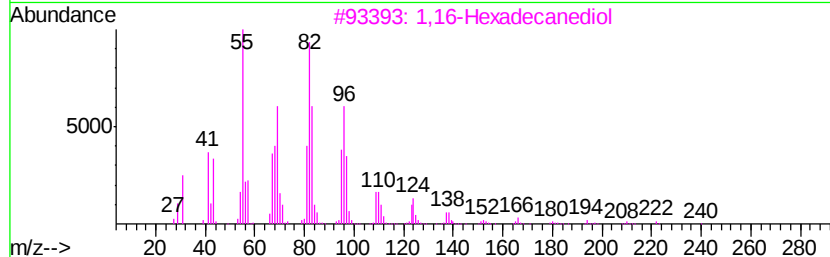
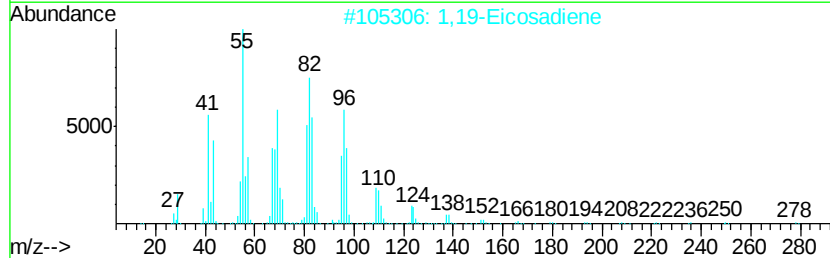
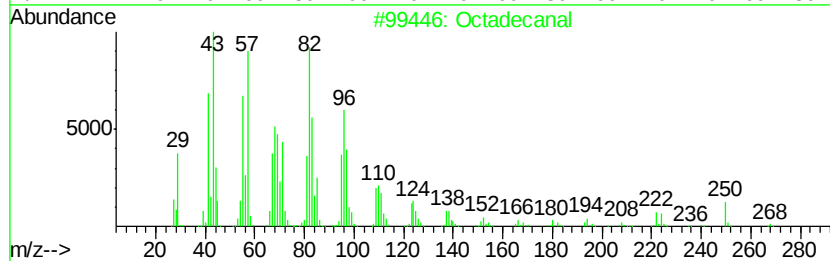
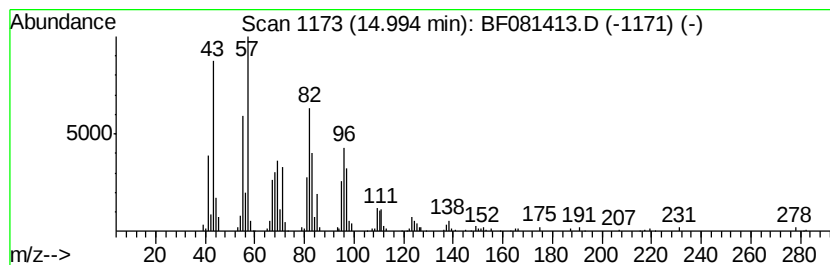
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Octadecanal Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	20.53 ng	268800	Perylene-d12	14.78

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal		268	C18H36O	000638-66-4	91
2	1,19-Eicosadiene		278	C20H38	014811-95-1	87
3	1,16-Hexadecanediol		258	C16H34O2	007735-42-4	74
4	Oxirane, hexadecyl-		268	C18H36O	007390-81-0	64
5	Pentadecanal-		226	C15H30O	002765-11-9	58



Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
Data File : BF081413.D
Acq On : 4 Sep 2015 10:28
Operator : UM/IZ
Sample : G3505-08
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P005-TS01-01

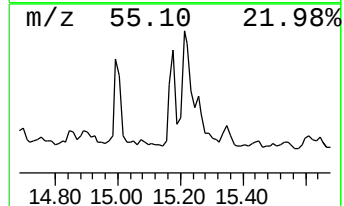
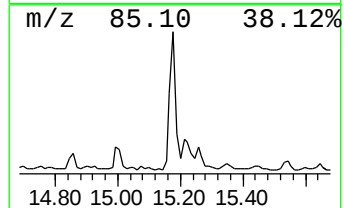
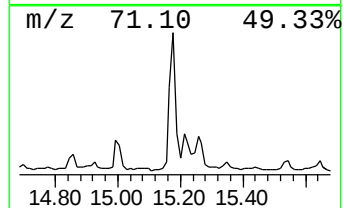
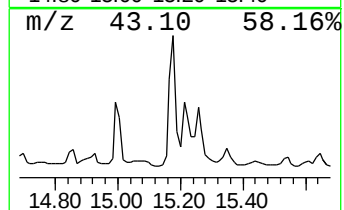
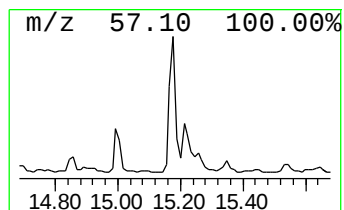
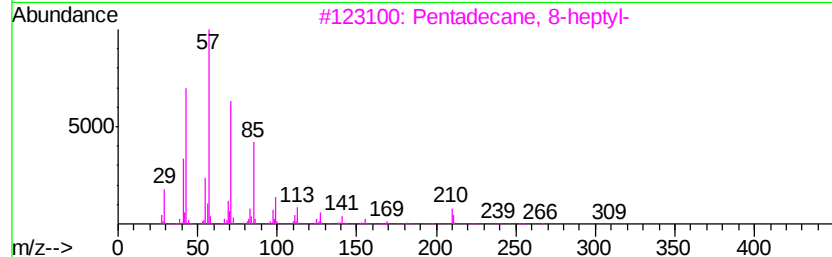
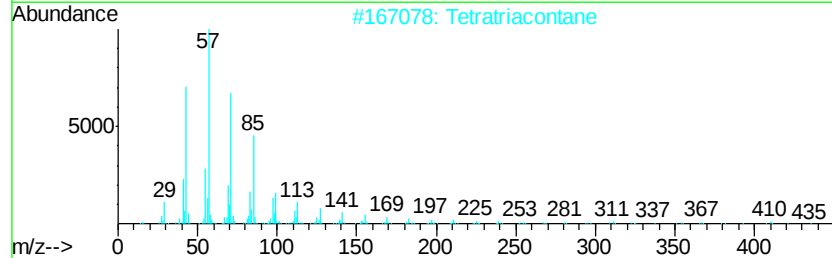
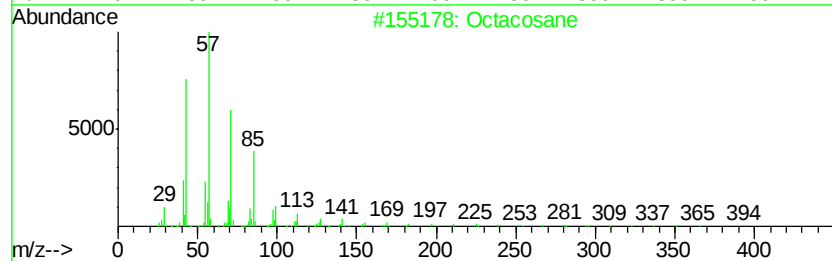
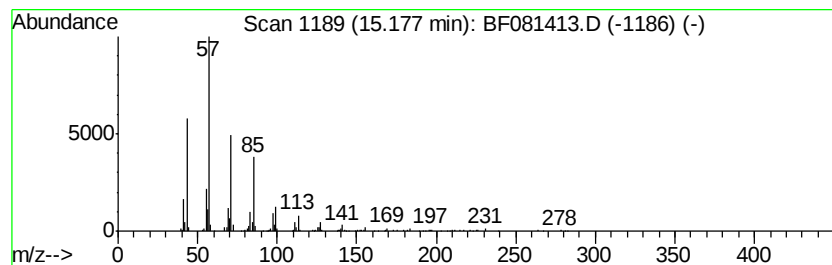
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Octacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.18	33.55 ng	439239	Perylene-d12	14.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Tetratriacontane	479	C34H70	014167-59-0	90
3		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	87
4		Heptacosane	380	C27H56	000593-49-7	87
5		Eicosane, 10-methyl-	296	C21H44	054833-23-7	86



Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
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Acq On : 4 Sep 2015 10:28
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ClientSampleId :
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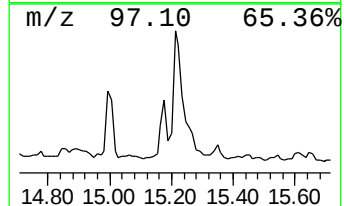
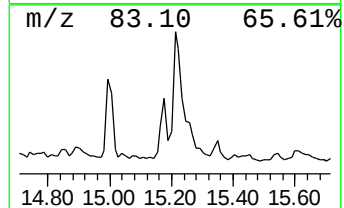
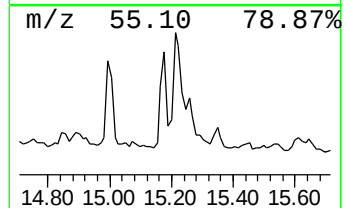
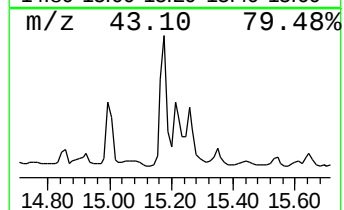
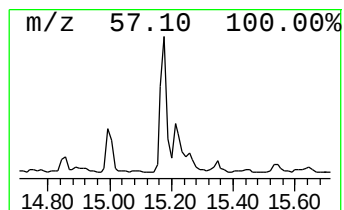
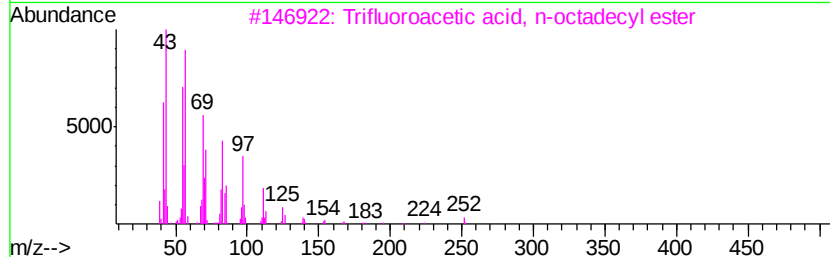
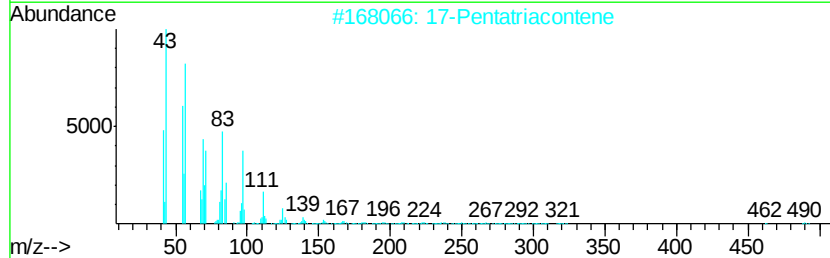
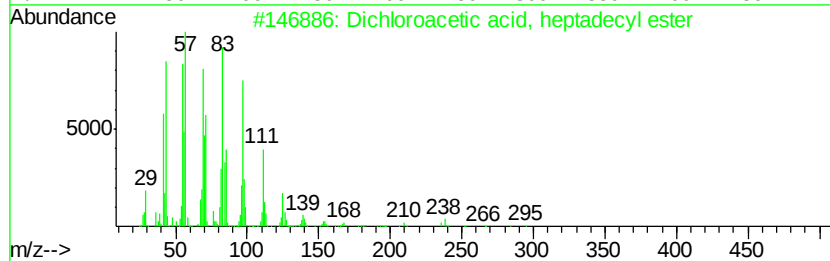
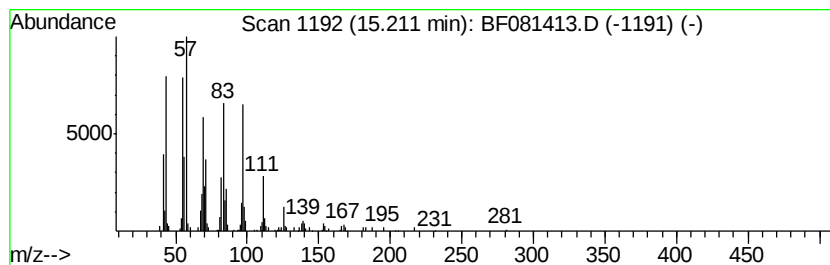
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Dichloroacetic acid, heptad... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.21	29.99 ng	392701	Perylene-d12	14.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	80
2		17-Pentatriacontene	491	C35H70	006971-40-0	74
3		Trifluoroacetic acid, n-octadecyl...	366	C20H37F3O2	079392-43-1	72
4		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	68
5		Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
Data File : BF081413.D
Acq On : 4 Sep 2015 10:28
Operator : UM/IZ
Sample : G3505-08
Misc :
ALS Vial : 35 Sample Multiplier: 1

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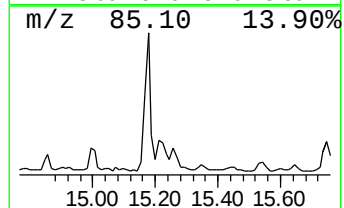
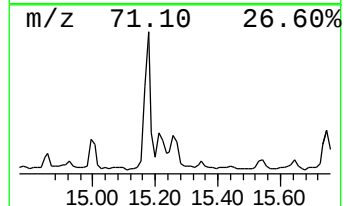
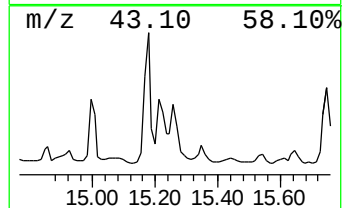
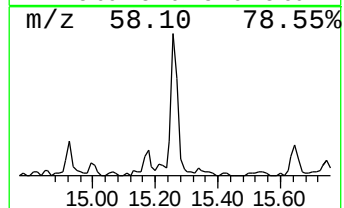
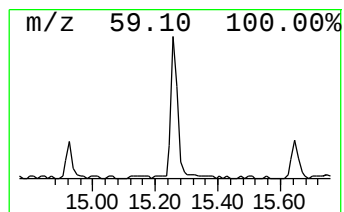
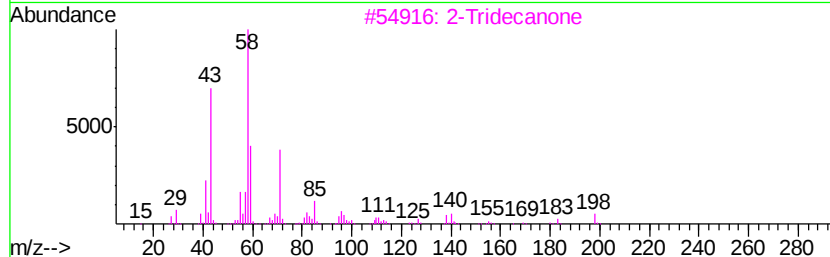
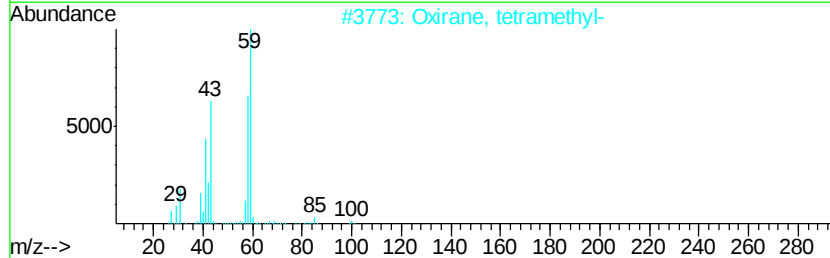
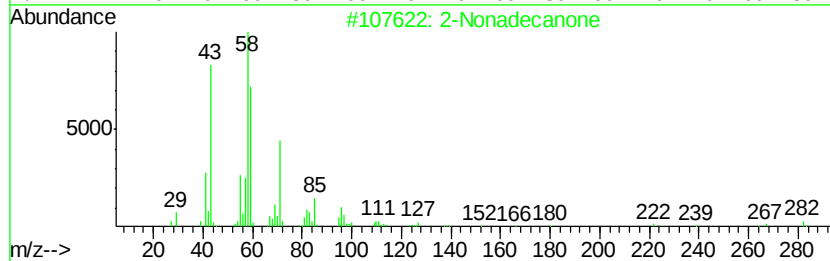
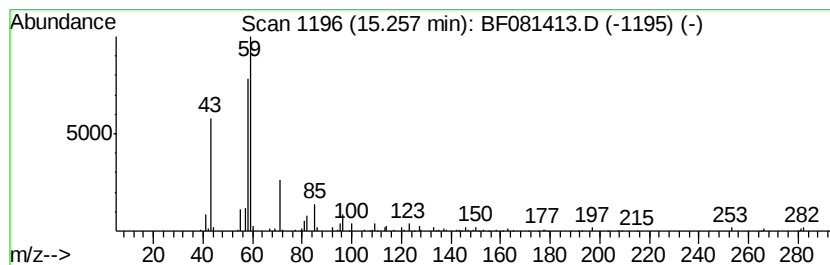
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 2-Nonadecanone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.26	14.53 ng	190210	Perylene-d12	14.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Nonadecanone	282	C19H38O	000629-66-3	62
2		Oxirane, tetramethyl-	100	C6H12O	005076-20-0	59
3		2-Tridecanone	198	C13H26O	000593-08-8	47
4		2-Tetradecanone	212	C14H28O	002345-27-9	47
5		2-Nonanone	142	C9H18O	000821-55-6	47



Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
Data File : BF081413.D
Acq On : 4 Sep 2015 10:28
Operator : UM/IZ
Sample : G3505-08
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P005-TS01-01

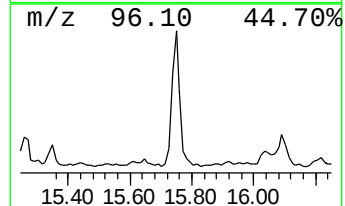
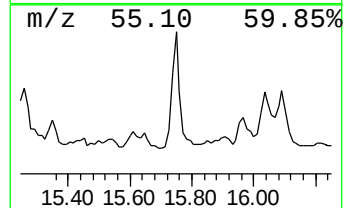
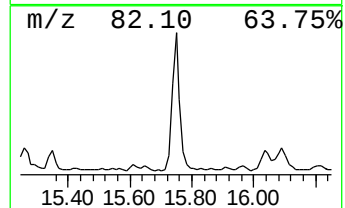
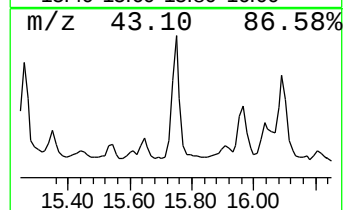
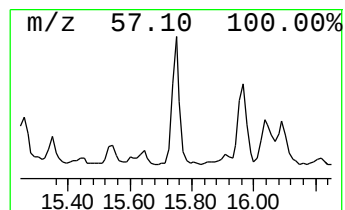
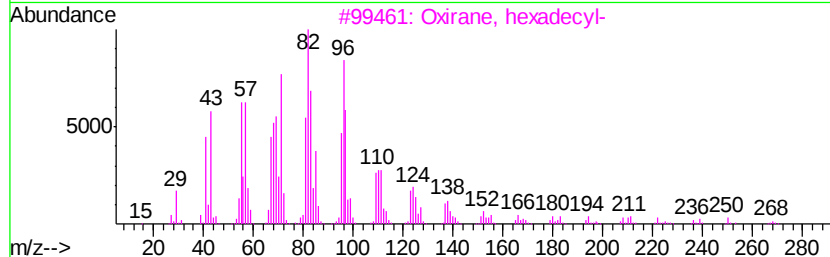
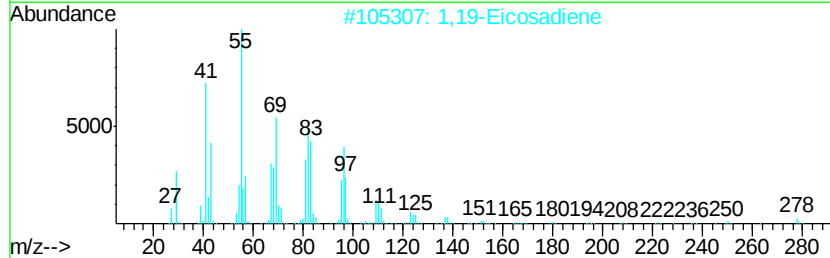
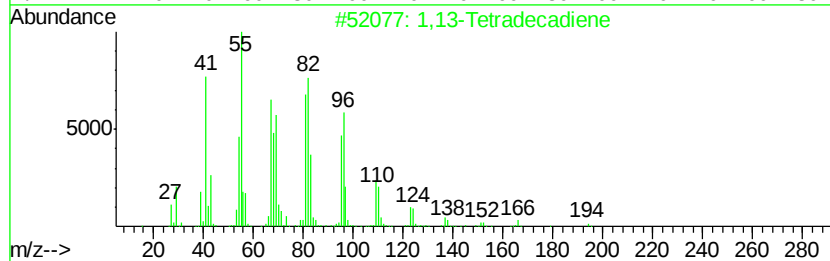
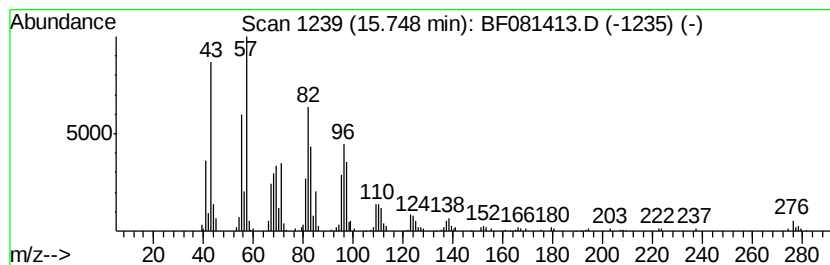
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 1,13-Tetradecadiene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.75	38.21 ng	500284	Perylene-d12	14.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,13-Tetradecadiene	194	C14H26	021964-49-8	92
2		1,19-Eicosadiene	278	C20H38	014811-95-1	91
3		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	90
4		Octadecanal	268	C18H36O	000638-66-4	87
5		1,16-Hexadecanediol	258	C16H34O2	007735-42-4	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090315\
Data File : BF081413.D
Acq On : 4 Sep 2015 10:28
Operator : UM/IZ
Sample : G3505-08
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P005-TS01-01

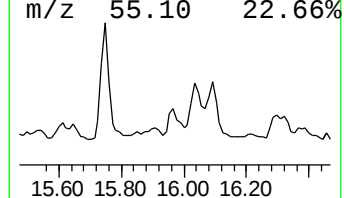
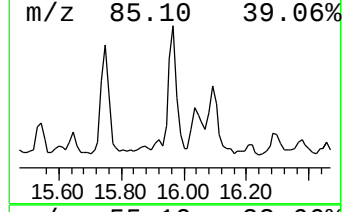
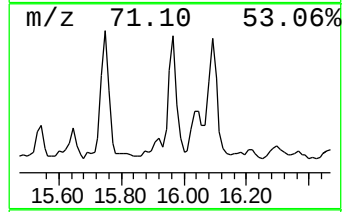
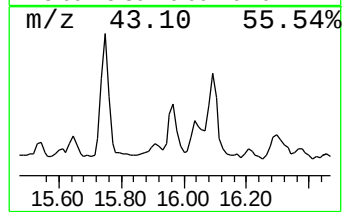
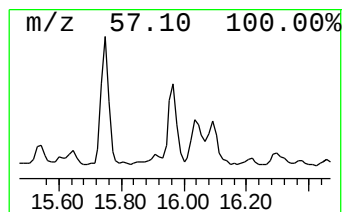
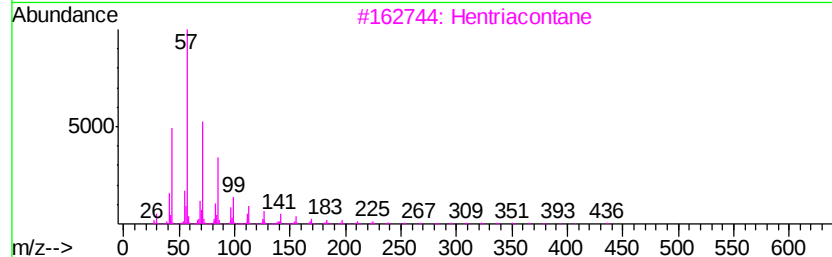
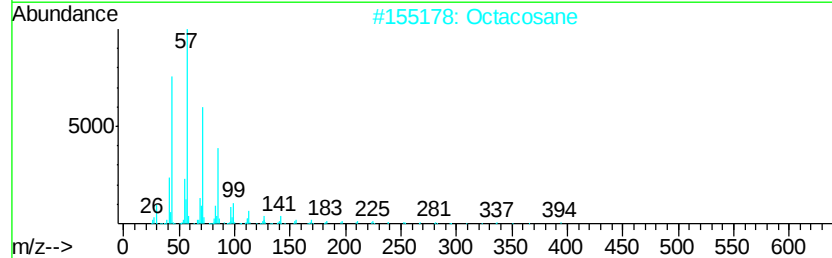
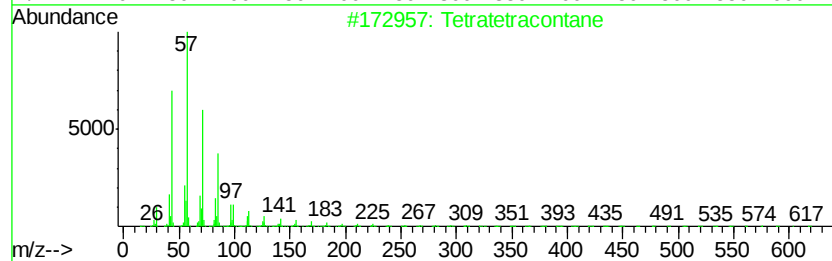
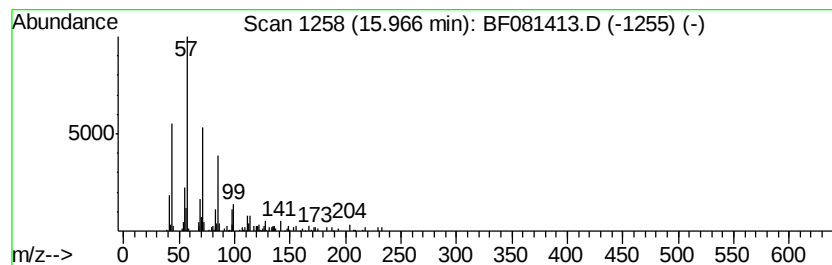
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Tetratetracontane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	13.60 ng	178032	Perylene-d12	14.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	91
2		Octacosane	394	C28H58	000630-02-4	91
3		Hentriacontane	437	C31H64	000630-04-6	90
4		Hexacosane	366	C26H54	000630-01-3	90
5		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090315\
Data File : BF081413.D
Acq On : 4 Sep 2015 10:28
Operator : UM/IZ
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Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
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ClientSampleId :
P005-TS01-01

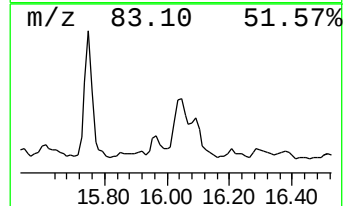
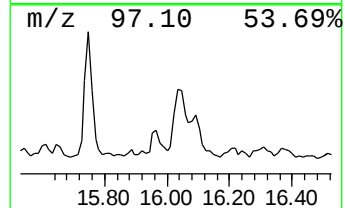
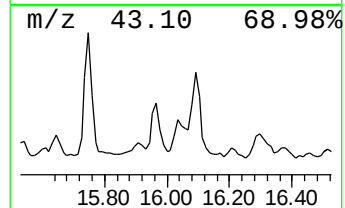
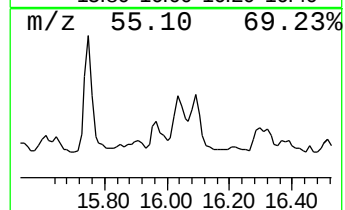
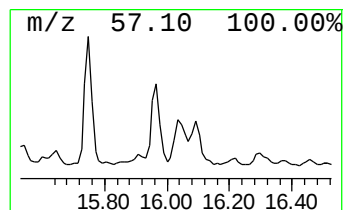
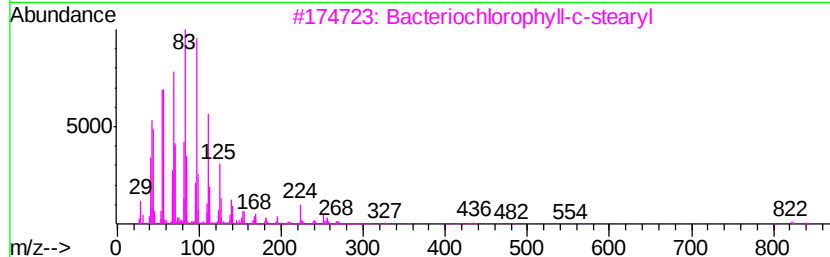
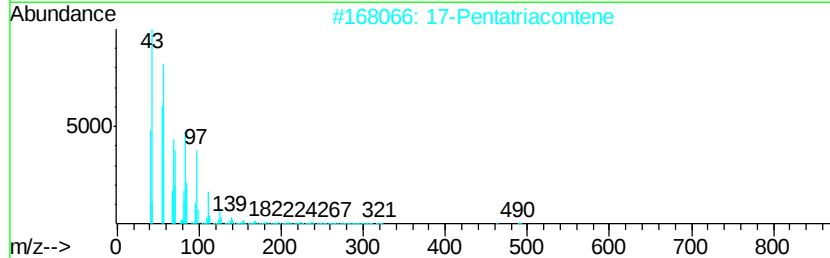
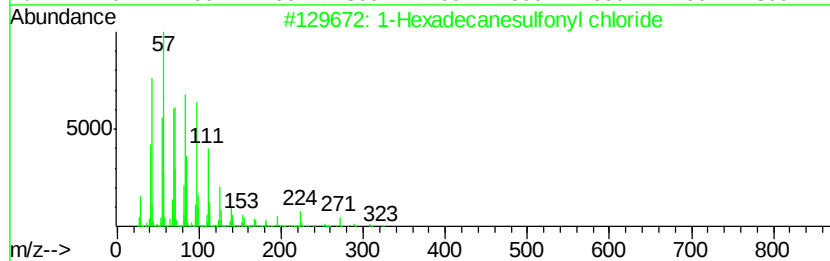
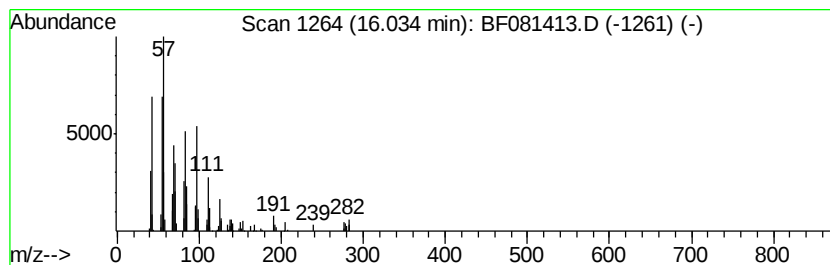
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown16.03 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.03	15.04 ng	196956	Perylene-d12	14.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	83
2		17-Pentatriacontene	491	C35H70	006971-40-0	83
3		Bacteriochlorophyll-c-stearyl	841	C52H72MgN4O4	1000164-49-7	74
4		1-Nonadecene	266	C19H38	018435-45-5	72
5		1-Eicosanol	298	C20H42O	000629-96-9	68



Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
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Acq On : 4 Sep 2015 10:28
Operator : UM/IZ
Sample : G3505-08
Misc :
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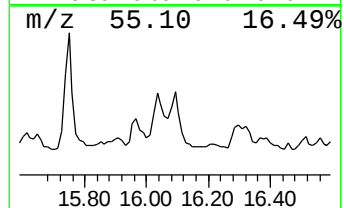
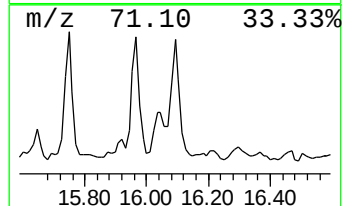
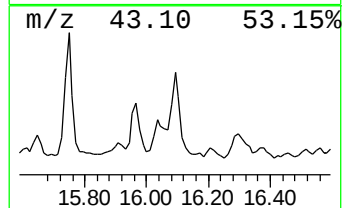
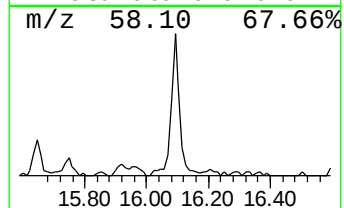
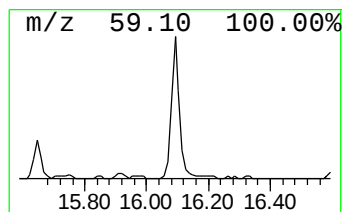
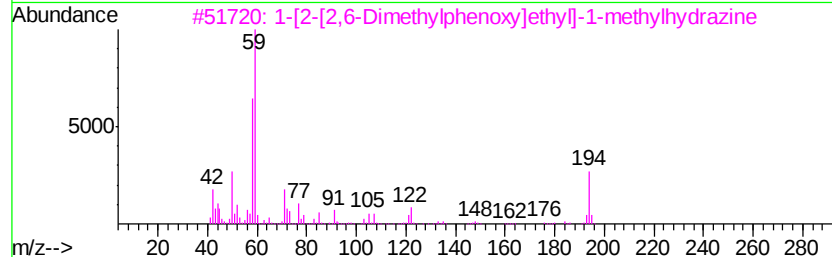
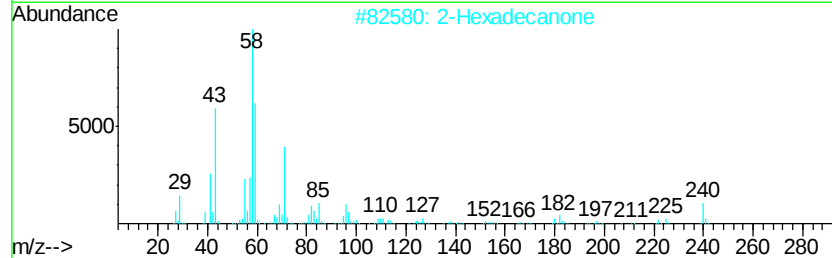
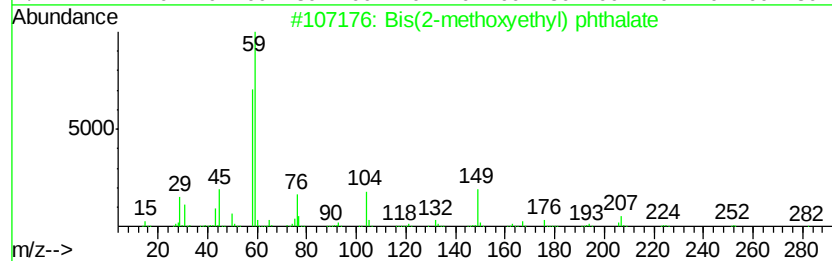
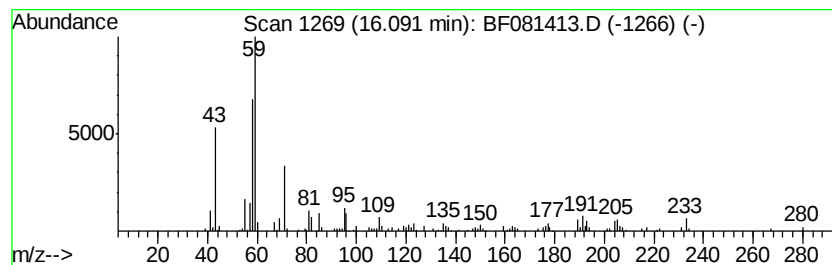
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Bis(2-methoxyethyl) phthalate Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.		
16.09	28.66 ng	375250	Perylene-d12	14.78		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Bis(2-methoxyethyl) phthalate	282	C14H18O6	000117-82-8	53
2		2-Hexadecanone	240	C16H32O	018787-63-8	50
3		1-[2-[2,6-Dimethylphenoxy]ethyl]...	194	C11H18N2O	014573-16-1	50
4		Octanal, 7-hydroxy-3,7-dimethyl-	172	C10H20O2	000107-75-5	50
5		Oxirane, tetramethyl-	100	C6H12O	005076-20-0	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
Data File : BF081413.D
Acq On : 4 Sep 2015 10:28
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ClientSampleId :
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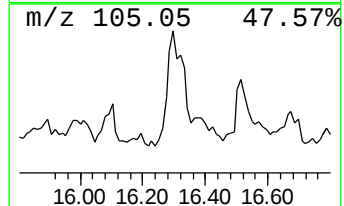
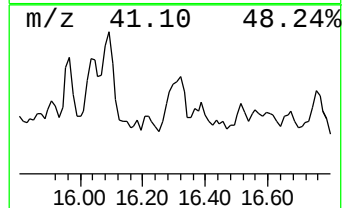
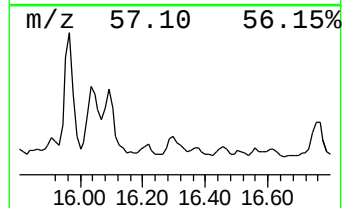
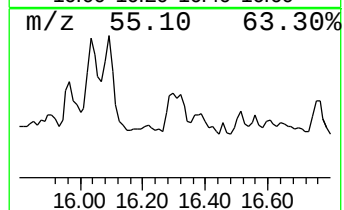
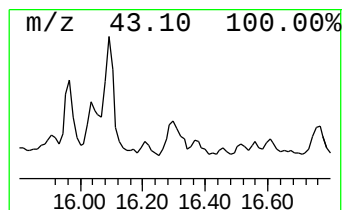
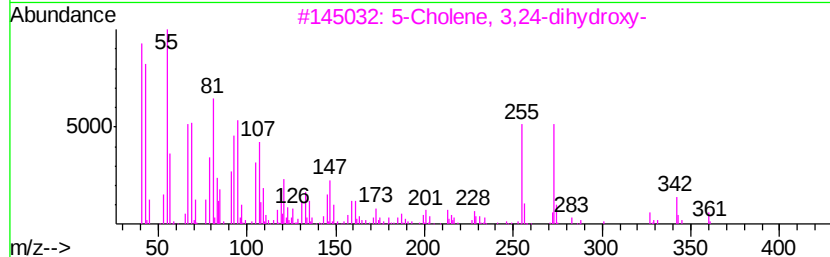
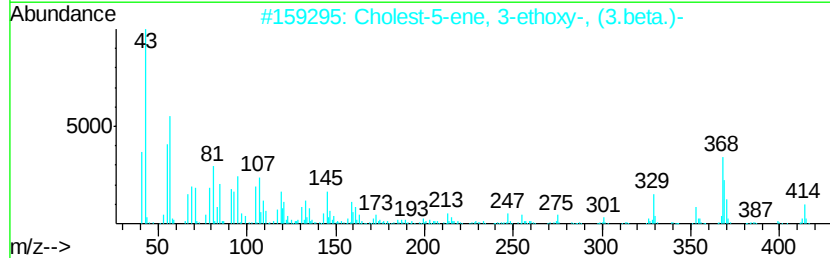
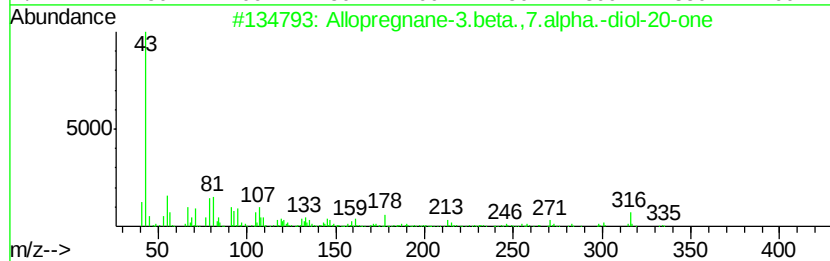
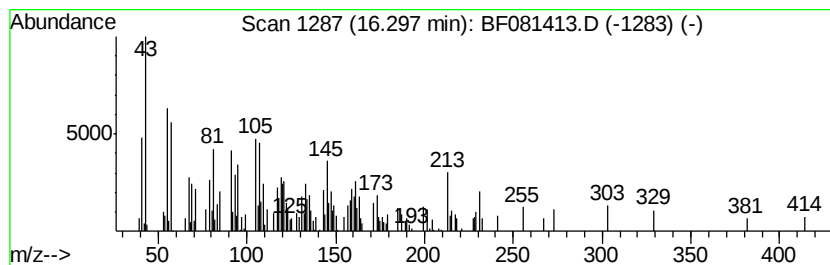
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown16.30 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.30	14.14 ng	185144	Perylene-d12	14.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Allopregnane-3.beta.,7.alpha.-di...	334	C21H34O3	000566-20-1	37
2		Cholest-5-ene, 3-ethoxy-, (3.beta...	414	C29H50O	000986-19-6	16
3		5-Cholene, 3,24-dihydroxy-	360	C24H40O2	1000251-69-2	12
4		Pregnane-3,20-dione	316	C21H32O2	007350-00-7	12
5		9,19-Cyclolanostan-3-ol, acetate...	470	C32H54O2	004575-74-0	12



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090315\
Data File : BF081413.D
Acq On : 4 Sep 2015 10:28
Operator : UM/IZ
Sample : G3505-08
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
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ClientSampleId :
P005-TS01-01

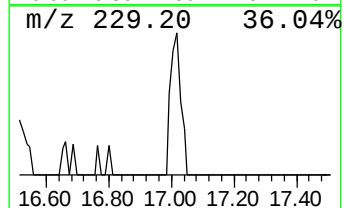
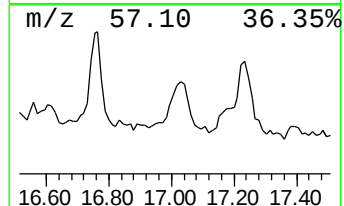
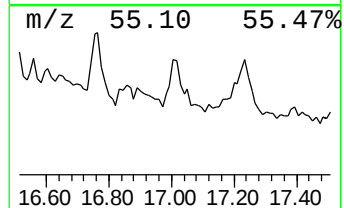
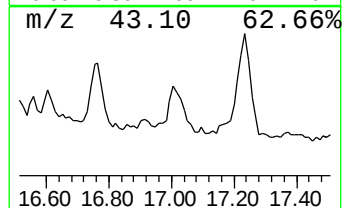
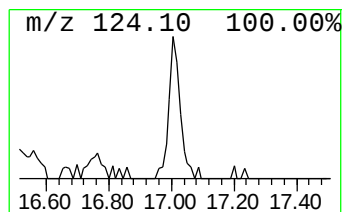
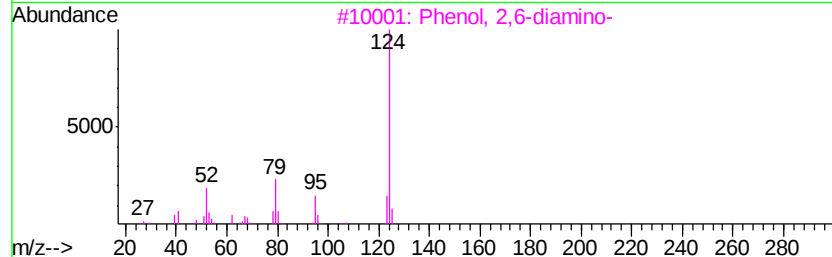
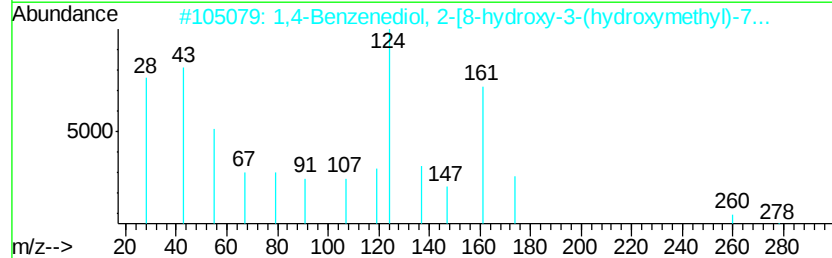
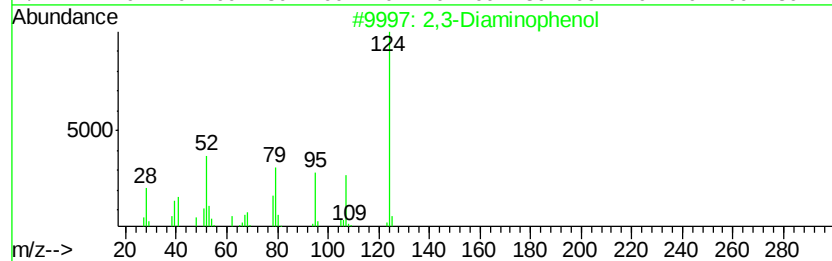
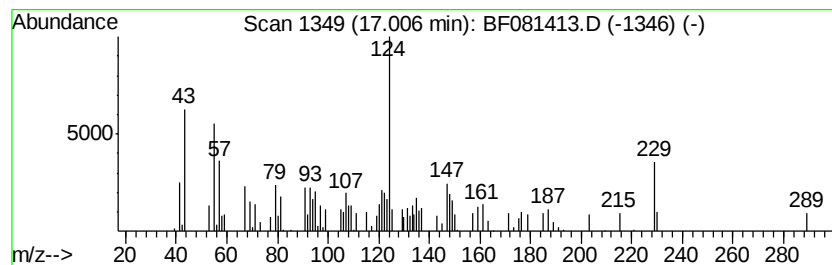
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown17.01 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.01	9.65 ng	126387	Perylene-d12	14.78

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,3-Diaminophenol	124	C6H8N2O	059649-56-8	43
2			1,4-Benzenediol, 2-[8-hydroxy-3-...	278	C16H22O4	077828-64-9	38
3			Phenol, 2,6-diamino-	124	C6H8N2O	022440-82-0	35
4			2,4-Diaminophenol	124	C6H8N2O	000095-86-3	35
5			Pyrazine, 2-methoxy-3-methyl-	124	C6H8N2O	002847-30-5	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090315\
Data File : BF081413.D
Acq On : 4 Sep 2015 10:28
Operator : UM/IZ
Sample : G3505-08
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P005-TS01-01

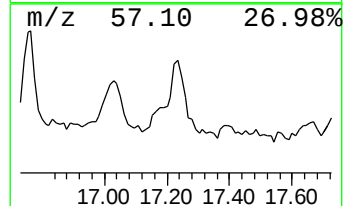
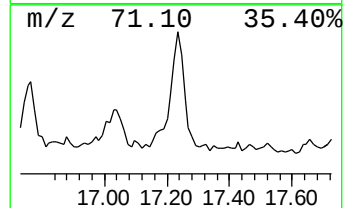
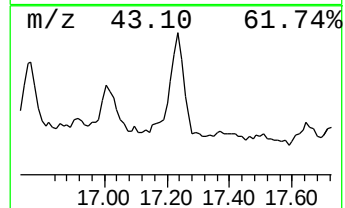
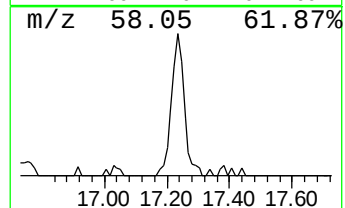
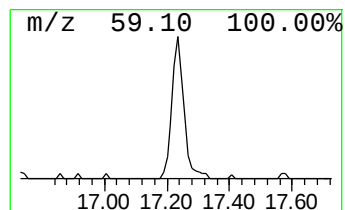
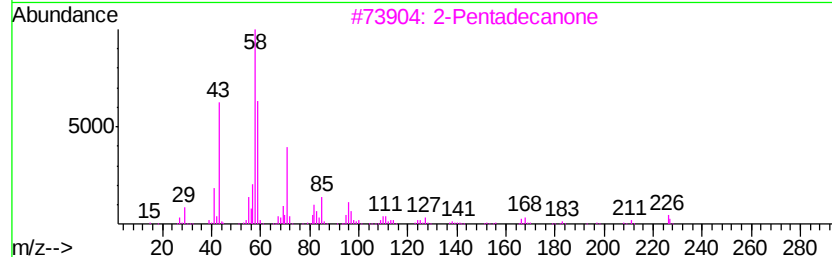
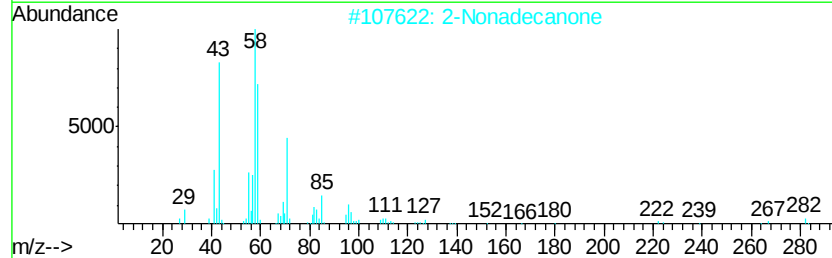
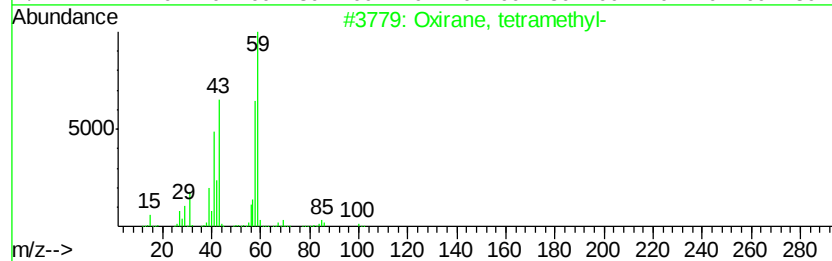
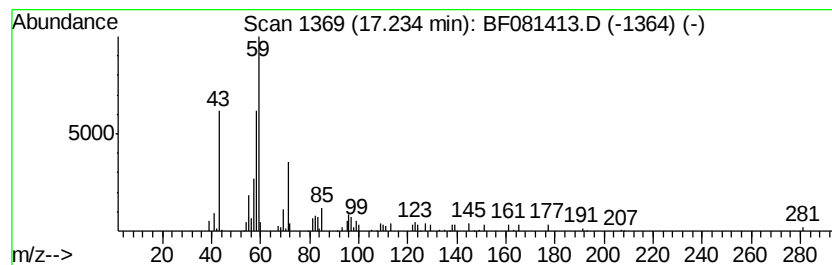
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Oxirane, tetramethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.23	13.95 ng	182654	Perylene-d12	14.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxirane, tetramethyl-	100	C6H12O	005076-20-0	53
2		2-Nonadecanone	282	C19H38O	000629-66-3	47
3		2-Pentadecanone	226	C15H30O	002345-28-0	47
4		2-Hexadecanone	240	C16H32O	018787-63-8	47
5		Octanal, 7-hydroxy-3,7-dimethyl-	172	C10H20O2	000107-75-5	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090315\
Data File : BF081413.D
Acq On : 4 Sep 2015 10:28
Operator : UM/IZ
Sample : G3505-08
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P005-TS01-01

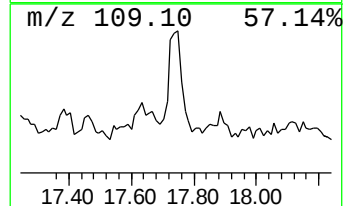
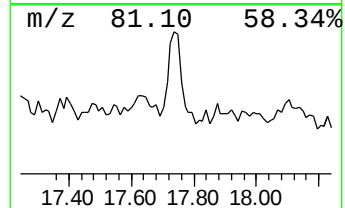
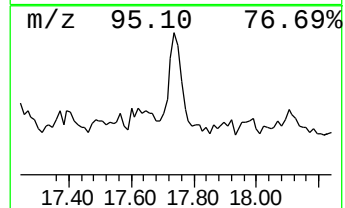
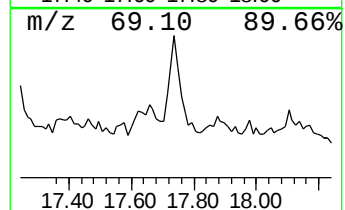
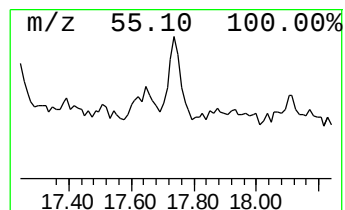
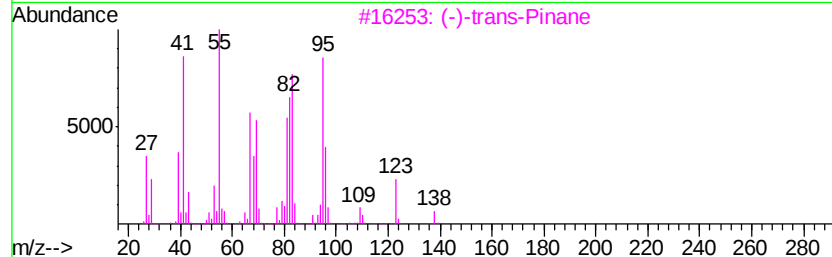
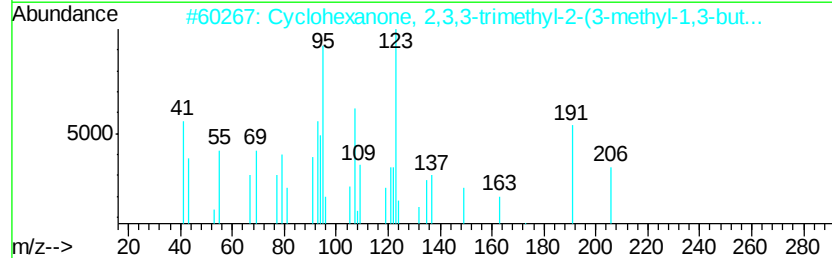
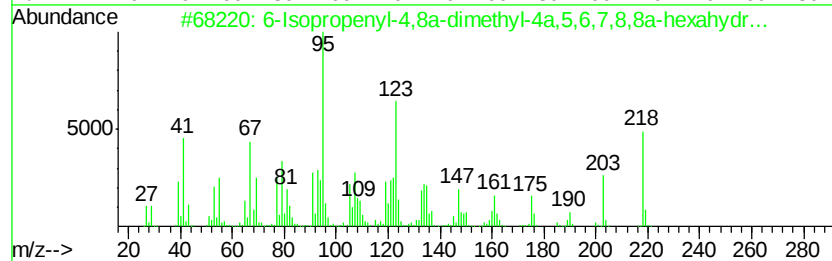
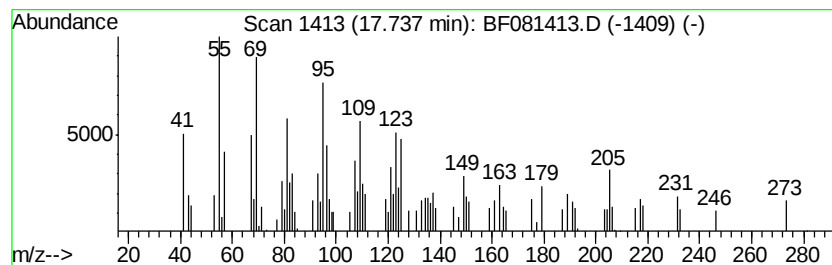
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 6-Isopropenyl-4,8a-dimethyl... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.74	9.26 ng	121244	Perylene-d12	14.78

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			6-Isopropenyl-4,8a-dimethyl-4a,5...	218	C15H22O	086917-79-5	50
2			Cyclohexanone, 2,3,3-trimethyl-2...	206	C14H22O	069296-90-8	35
3			(-)-trans-Pinane	138	C10H18	033626-25-4	30
4			Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-40-7	30
5			Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	000473-19-8	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090315\
 Data File : BF081413.D
 Acq On : 4 Sep 2015 10:28
 Operator : UM/IZ
 Sample : G3505-08
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P005-TS01-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.41	58.6	ng	1001720	1	6.36	341759	20.0
unknown6.14	6.14	89.2	ng	1524130	1	6.36	341759	20.0
n-Hexadecanoic acid	11.44	11.8	ng	311748	4	10.86	526464	20.0
1-Docosene	13.37	23.3	ng	594661	5	13.47	509733	20.0
1-Hexadecanesulfo...	14.00	30.5	ng	778326	5	13.47	509733	20.0
Hexatriacontane	14.57	63.4	ng	830614	6	14.78	261867	20.0
2-Pentadecanone	14.63	9.9	ng	129389	6	14.78	261867	20.0
Octadecanal	14.99	20.5	ng	268800	6	14.78	261867	20.0
Octacosane	15.18	33.5	ng	439239	6	14.78	261867	20.0
Dichloroacetic ac...	15.21	30.0	ng	392701	6	14.78	261867	20.0
2-Nonadecanone	15.26	14.5	ng	190210	6	14.78	261867	20.0
1,13-Tetradecadiene	15.75	38.2	ng	500284	6	14.78	261867	20.0
Tetratetracontane	15.97	13.6	ng	178032	6	14.78	261867	20.0
unknown16.03	16.03	15.0	ng	196956	6	14.78	261867	20.0
Bis(2-methoxyethy...	16.09	28.7	ng	375250	6	14.78	261867	20.0
unknown16.30	16.30	14.1	ng	185144	6	14.78	261867	20.0
unknown17.01	17.01	9.7	ng	126387	6	14.78	261867	20.0
Oxirane, tetramet...	17.23	13.9	ng	182654	6	14.78	261867	20.0
6-Isopropenyl-4,8...	17.74	9.3	ng	121244	6	14.78	261867	20.0