

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081517\
 Data File : BF097696.D
 Acq On : 15 Aug 2017 17:38
 Operator : SJ/JU
 Sample : I4768-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HAMILTON-PL-SOIL-66

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-BF081517.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	4.751	449	453	456	rBV	34218	36546	1.30%	0.091%
2	4.981	487	492	498	rVB	179255	224140	7.96%	0.557%
3	5.151	518	521	525	rBV	37093	34731	1.23%	0.086%
4	5.387	555	561	564	rBV	2542995	2569993	91.25%	6.385%
5	6.404	729	734	739	rBV	2518609	2816303	100.00%	6.997%
6	6.545	754	758	762	rBV	2570455	2607540	92.59%	6.478%
7	6.781	794	798	802	rBV	1071507	855644	30.38%	2.126%
8	6.939	821	825	828	rBV	2240884	1874879	66.57%	4.658%
9	7.316	886	889	890	rBV	61635	60544	2.15%	0.150%
10	7.345	890	894	897	rVB	1706764	1602019	56.88%	3.980%
11	7.592	929	936	940	rBV5	23896	44205	1.57%	0.110%
12	7.810	969	973	978	rVB2	58452	76877	2.73%	0.191%
13	7.875	981	984	988	rVB	35085	34083	1.21%	0.085%
14	7.916	988	991	996	rBV4	23535	44199	1.57%	0.110%
15	8.063	1012	1016	1020	rBV	1379415	1178537	41.85%	2.928%
16	8.239	1041	1046	1048	rVB2	49467	73401	2.61%	0.182%
17	8.304	1055	1057	1060	rVB2	35825	34367	1.22%	0.085%
18	8.422	1071	1077	1079	rBV4	30583	52467	1.86%	0.130%
19	8.451	1079	1082	1085	rVB2	60387	60446	2.15%	0.150%
20	8.486	1085	1088	1090	rBV3	41745	48767	1.73%	0.121%
21	8.551	1097	1099	1101	rBV2	42393	42282	1.50%	0.105%
22	8.592	1103	1106	1108	rBV	195331	163436	5.80%	0.406%
23	8.651	1113	1116	1117	rBV2	88123	98979	3.51%	0.246%
24	8.716	1125	1127	1129	rVB2	54756	38911	1.38%	0.097%
25	8.745	1129	1132	1137	rBV3	136098	210229	7.46%	0.522%
26	8.833	1143	1147	1150	rBV4	83356	124077	4.41%	0.308%
27	8.992	1171	1174	1177	rBV3	126152	155358	5.52%	0.386%
28	9.051	1181	1184	1187	rBV	247503	311105	11.05%	0.773%
29	9.145	1195	1200	1203	rVB	2869552	2491782	88.48%	6.191%
30	9.175	1203	1205	1206	rBV2	63352	51842	1.84%	0.129%
31	9.298	1224	1226	1230	rBV2	119506	134873	4.79%	0.335%
32	9.339	1230	1233	1237	rVB2	353932	461525	16.39%	1.147%
33	9.392	1240	1242	1244	rVV2	149903	135977	4.83%	0.338%
34	9.439	1248	1250	1252	rBV3	73582	60334	2.14%	0.150%

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35	9.539	1264	1267	1271	rBV	275838	308476	10.95%	0.766%
36	9.698	1292	1294	1296	rBV	103722	72698	2.58%	0.181%
37	9.792	1308	1310	1311	rBV	106019	79228	2.81%	0.197%
38	9.822	1311	1315	1318	rVV	1271094	1288444	45.75%	3.201%
39	9.851	1318	1320	1322	rVB	129270	105846	3.76%	0.263%
40	9.904	1327	1329	1331	rVB2	98430	72538	2.58%	0.180%
41	10.310	1396	1398	1401	rVB2	216652	201983	7.17%	0.502%
42	10.363	1405	1407	1412	rVB3	304807	330335	11.73%	0.821%
43	10.527	1433	1435	1439	rBV3	204520	224985	7.99%	0.559%
44	10.569	1440	1442	1444	rBV2	259953	219479	7.79%	0.545%
45	10.604	1444	1448	1451	rVV2	1472513	1348309	47.88%	3.350%
46	10.686	1459	1462	1464	rBV	352293	257036	9.13%	0.639%
47	10.839	1485	1488	1492	rVB	483884	509069	18.08%	1.265%
48	10.880	1493	1495	1501	rVB	244148	306345	10.88%	0.761%
49	10.969	1508	1510	1515	rVB3	279682	296842	10.54%	0.738%
50	11.257	1557	1559	1563	rBV2	288165	394534	14.01%	0.980%
51	11.304	1563	1567	1569	rVV	1288221	1316038	46.73%	3.270%
52	11.327	1569	1571	1574	rVV2	1012241	971029	34.48%	2.413%
53	11.374	1574	1579	1581	rVV3	737131	1131638	40.18%	2.812%
54	11.404	1581	1584	1587	rVB2	440824	565295	20.07%	1.404%
55	11.433	1587	1589	1593	rVB2	409378	553914	19.67%	1.376%
56	11.468	1593	1595	1597	rBV	287643	224454	7.97%	0.558%
57	11.498	1597	1600	1603	rVB2	445498	513579	18.24%	1.276%
58	11.539	1603	1607	1609	rBV	885565	1069965	37.99%	2.658%
59	11.574	1609	1613	1616	rVB2	344425	493402	17.52%	1.226%
60	11.621	1617	1621	1625	rBV	1085055	1596128	56.67%	3.966%
61	11.710	1631	1636	1638	rBV3	811559	1245253	44.22%	3.094%
62	11.763	1643	1645	1647	rBV	314062	271595	9.64%	0.675%
63	12.510	1769	1772	1775	rBV	1020827	929133	32.99%	2.308%
64	12.739	1808	1811	1814	rVB	718440	651982	23.15%	1.620%
65	12.892	1833	1837	1840	rBV	2434600	2083331	73.97%	5.176%
66	13.933	2010	2014	2017	rBV2	1046388	1064025	37.78%	2.644%
67	15.362	2253	2257	2265	rVB	612882	742263	26.36%	1.844%

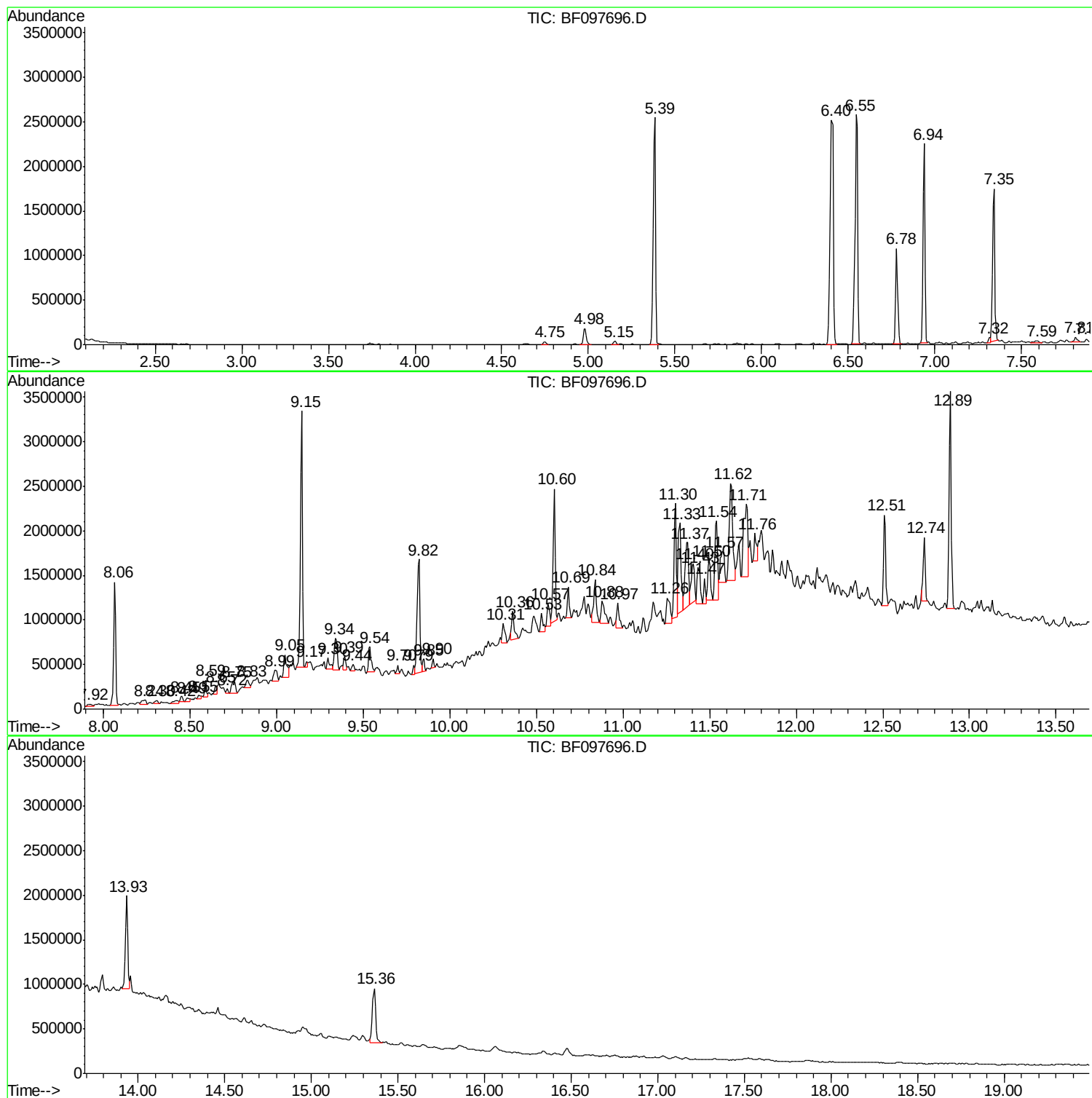
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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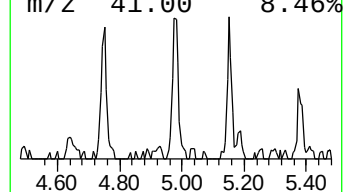
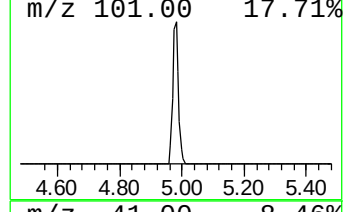
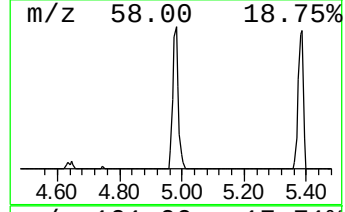
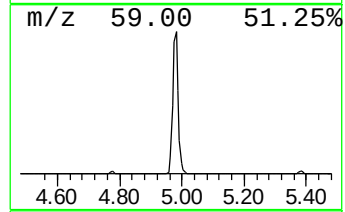
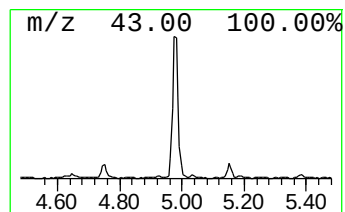
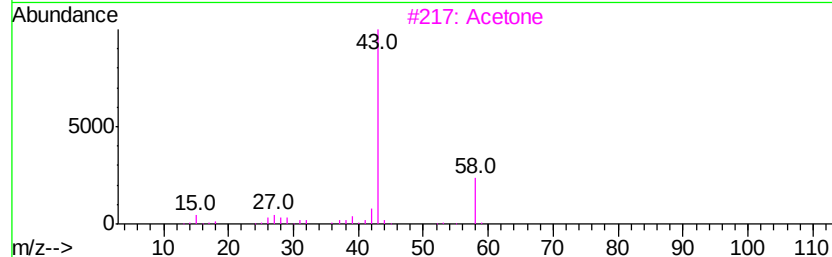
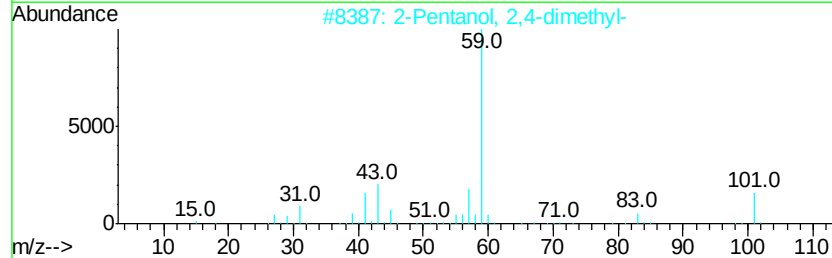
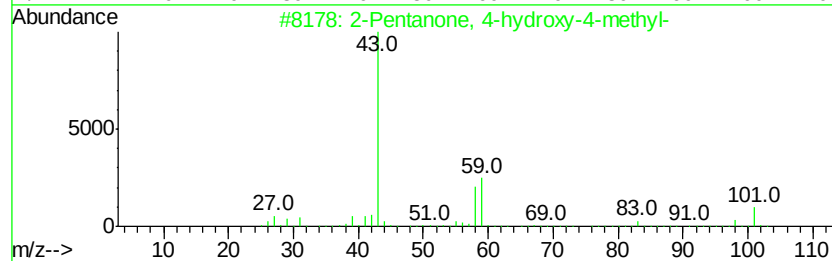
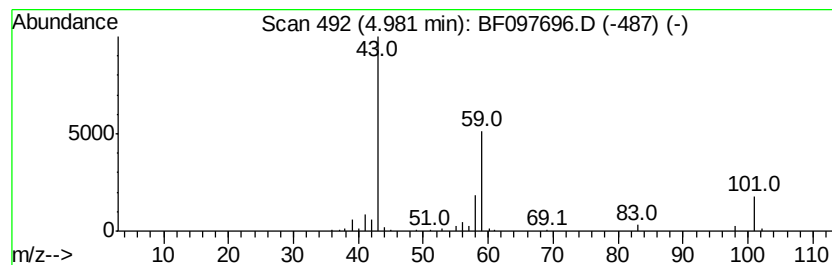
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.98	5.24 ng	224140	1,4-Dichlorobenzene-d4	6.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2		2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	28
3		Acetone	58	C3H6O	000067-64-1	22
4		1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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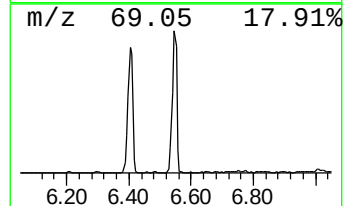
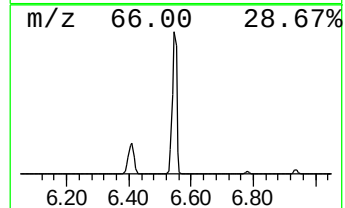
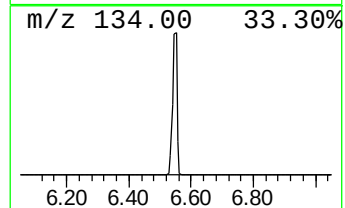
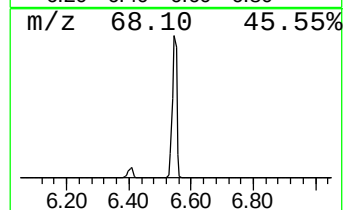
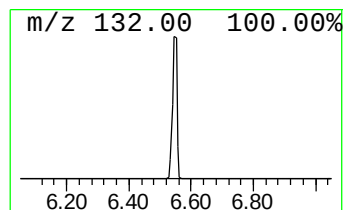
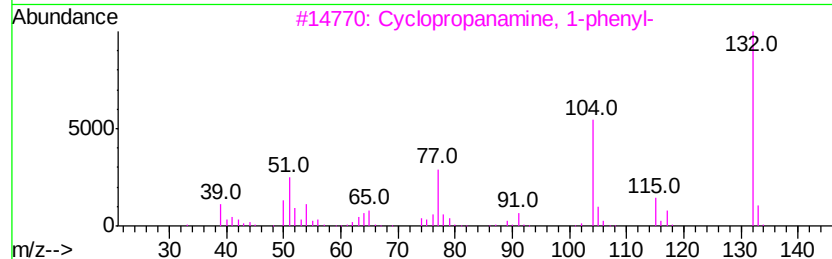
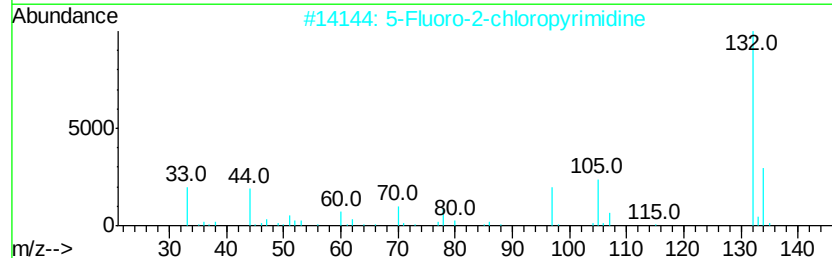
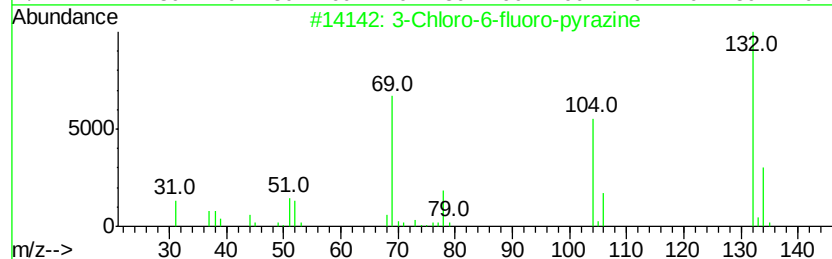
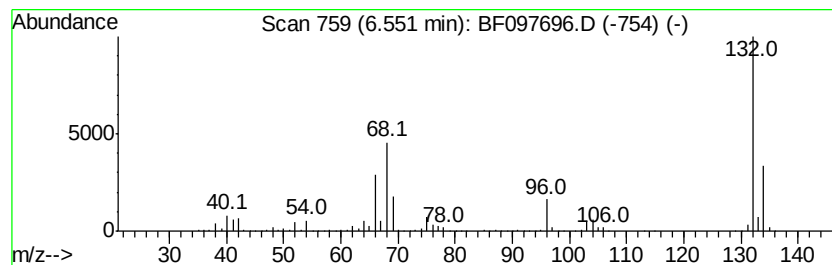
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.55 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.55	60.95 ng	2607540	1,4-Dichlorobenzene-d4	6.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3		Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10
4		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9



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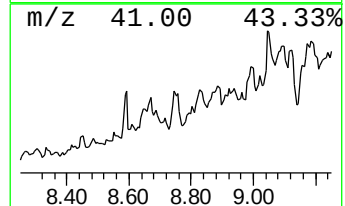
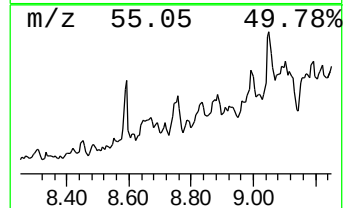
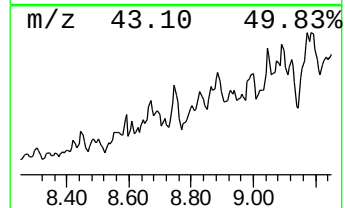
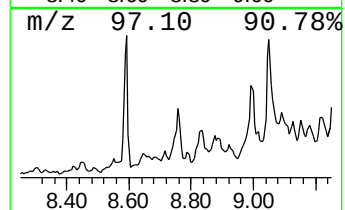
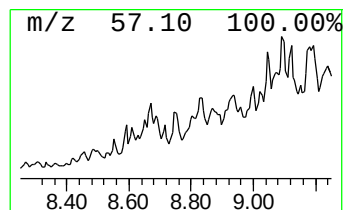
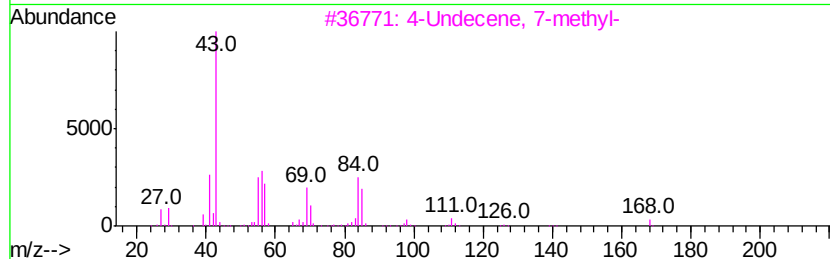
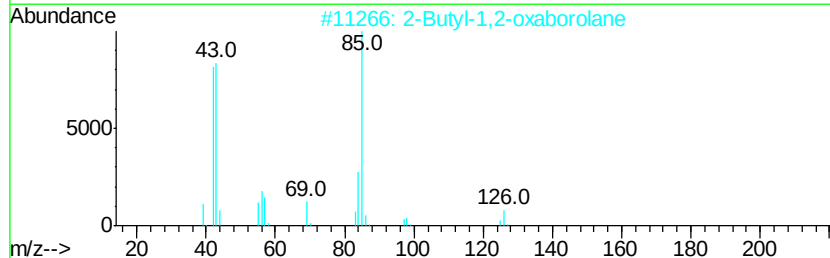
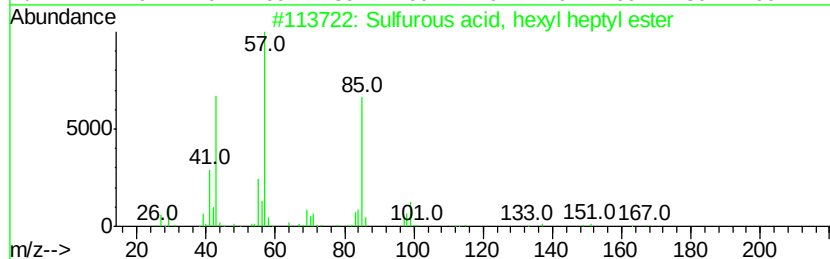
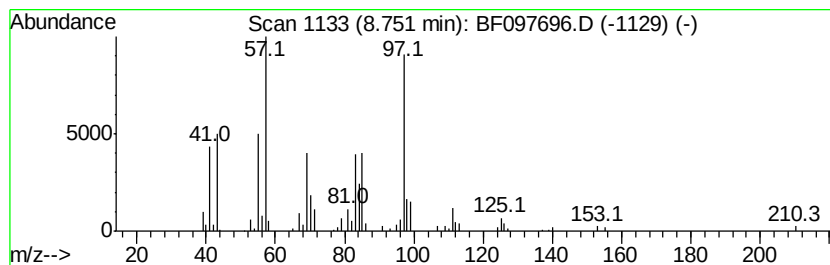
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 unknown8.75 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.75	3.57 ng	210229	Napthalene-d8	8.06	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, hexyl heptyl ester	264	C13H28O3S	1000309-12-9	38
2	2-Butyl-1,2-oxaborolane	126	C7H15BO	005357-13-1	30
3	4-Undecene, 7-methyl-	168	C12H24	076441-79-7	27
4	n-Pentadecanol	228	C15H32O	000629-76-5	22
5	2H-Pyran, 2,2'-[1,10-decanediylb...	342	C20H38O4	056599-49-6	22



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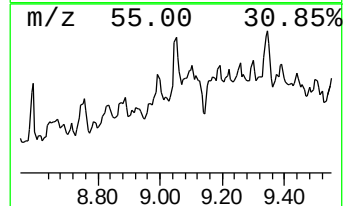
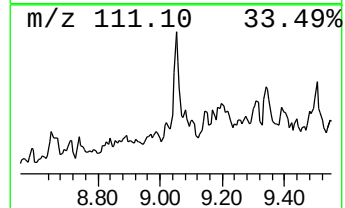
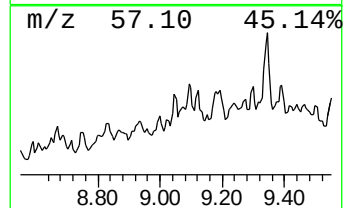
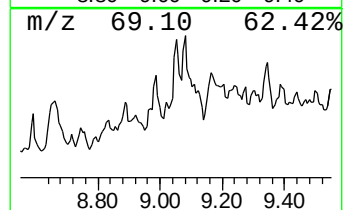
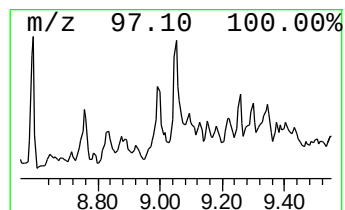
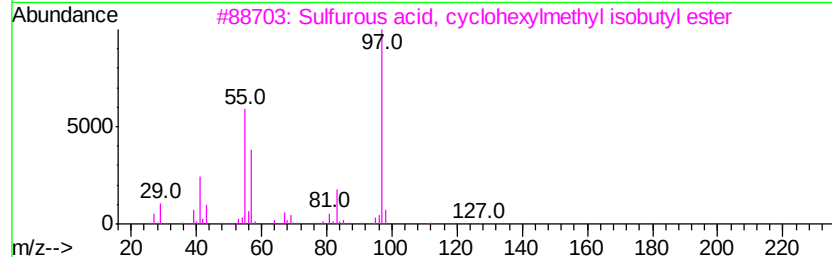
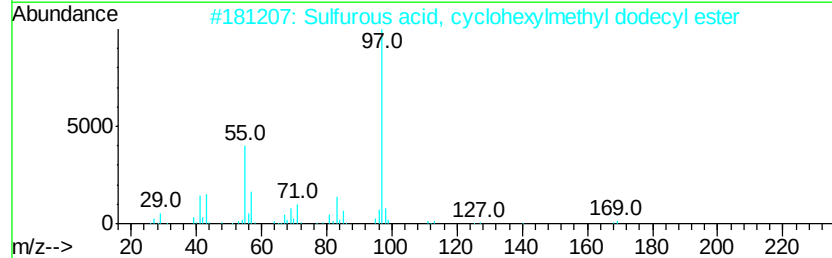
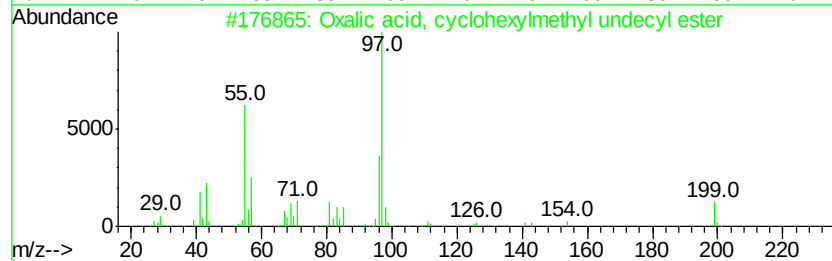
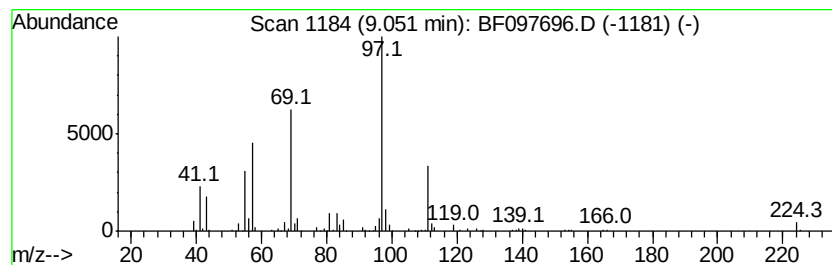
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Peak Number 5 Oxalic acid, cyclohexylmeth... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.		
9.05	4.83 ng	311105	Acenaphthene-d10	9.82		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, cyclohexylmethvl un...	340	C20H36O4	1000309-68-8	59	
2	Sulfurous acid, cyclohexylmethvl...	346	C19H38O3S	1000309-22-0	59	
3	Sulfurous acid, cyclohexylmethvl...	234	C11H22O3S	1000309-21-3	53	
4	Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	53	
5	Sulfurous acid, cyclohexylmethvl...	262	C13H26O3S	1000309-21-6	53	



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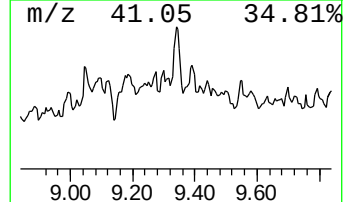
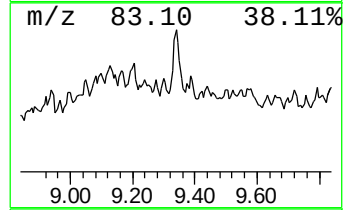
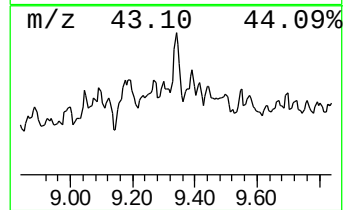
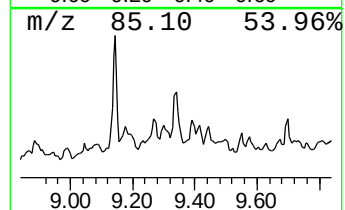
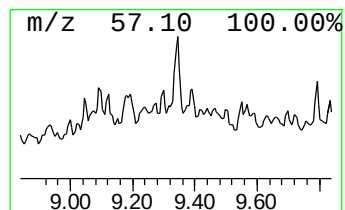
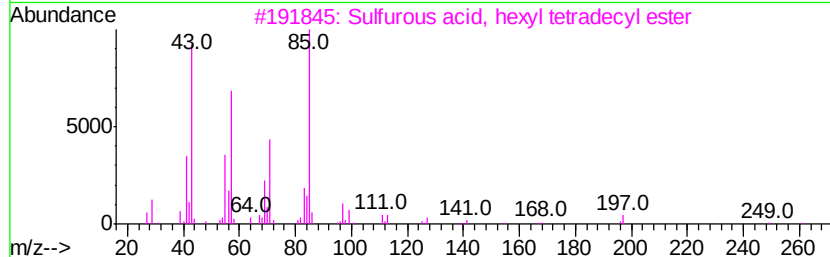
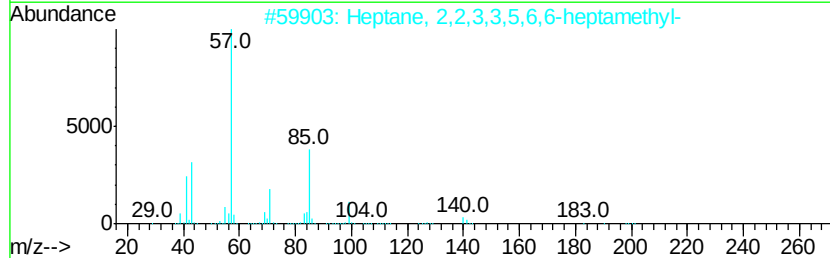
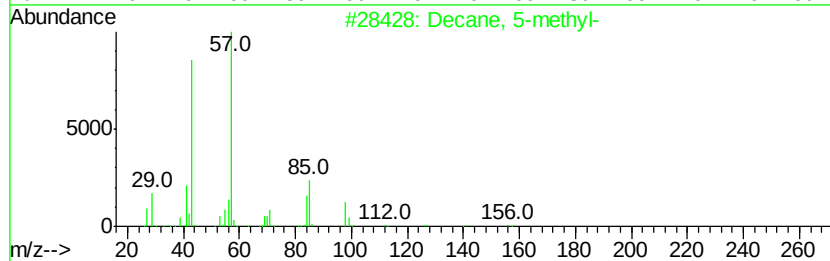
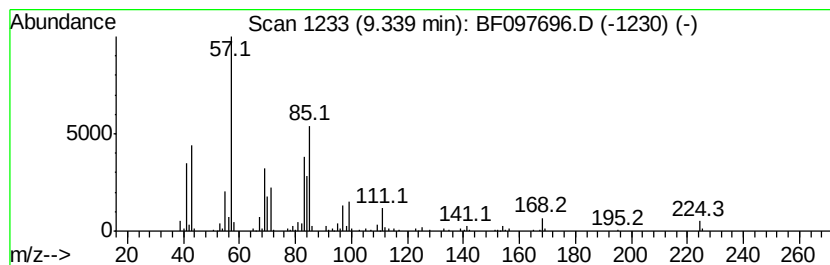
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown9.34 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.34	7.16 ng	461525	Acenaphthene-d10	9.82
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Decane, 5-methyl-	156 C11H24	013151-35-4 43
2		Heptane, 2,2,3,3,5,6,6-heptamethyl-	198 C14H30	007225-67-4 43
3		Sulfurous acid, hexyl tetradecyl...	362 C20H42O3S	1000309-13-6 43
4		Hexane, 2,2,3,3-tetramethyl-	142 C10H22	013475-81-5 38
5		2-Norbornanethione, 1,3,3-trimet...	168 C10H16S	000875-06-9 38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081517\
Data File : BF097696.D
Acq On : 15 Aug 2017 17:38
Operator : SJ/JU
Sample : I4768-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HAMILTON-PL-SOIL-66

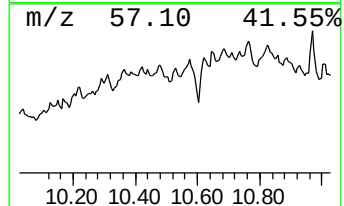
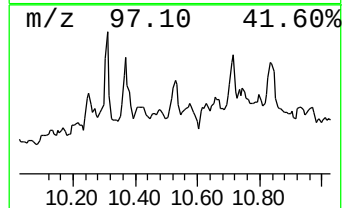
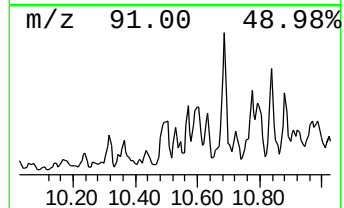
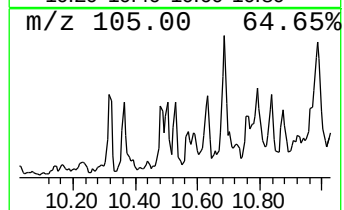
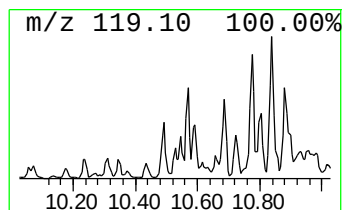
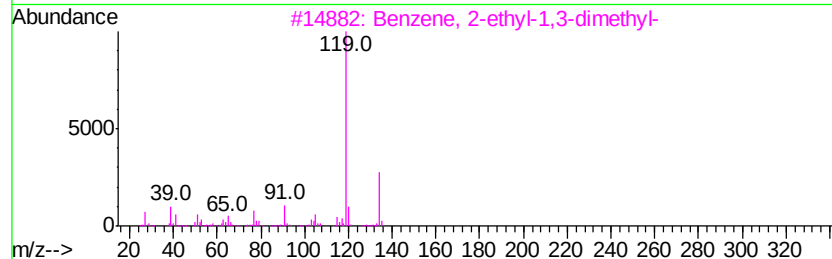
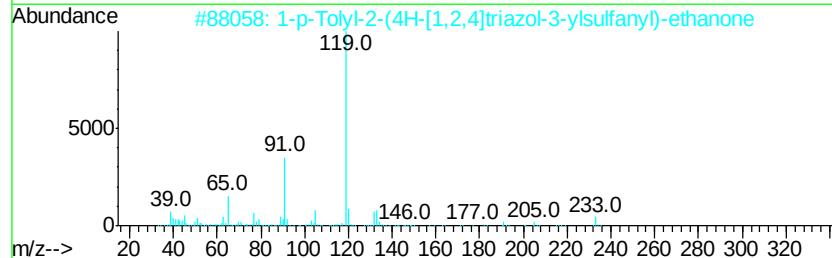
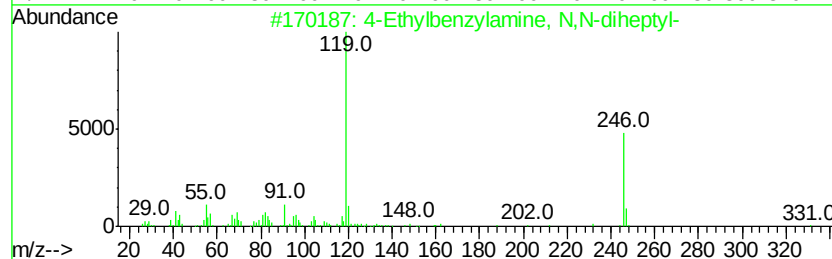
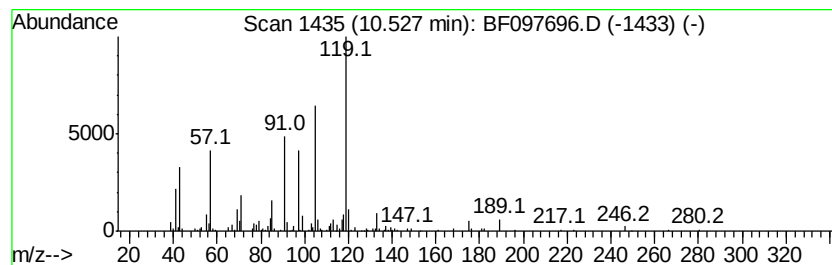
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown10.53 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.53	3.49 ng	224985	Acenaphthene-d10	9.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Ethylbenzylamine, N,N-diheptyl-	331	C23H41N	1000310-42-6	47
2		1-p-Tolyl-2-(4H-[1,2,4]triazol-3-yl)sulfanyl)-ethanone	233	C11H11N3OS	326888-02-2	47
3		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	43
4		Benzene, (1,1,2-trimethylpropyl)-	162	C12H18	026356-11-6	43
5		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF081517\
Data File : BF097696.D
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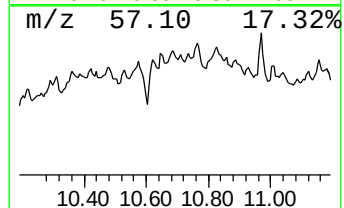
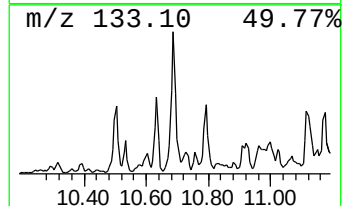
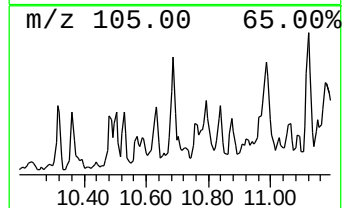
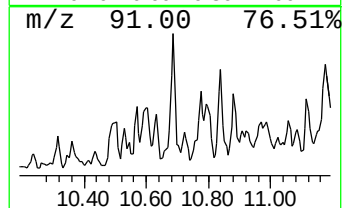
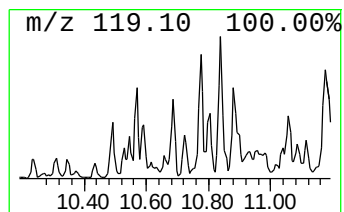
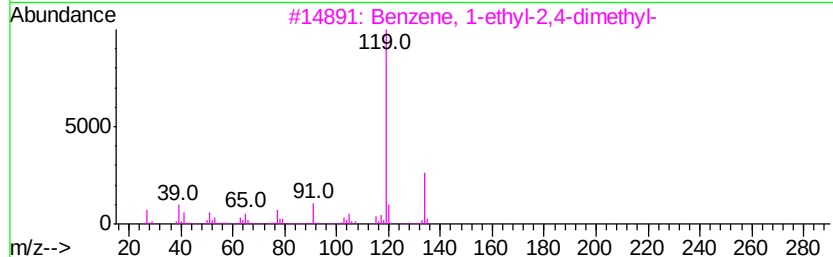
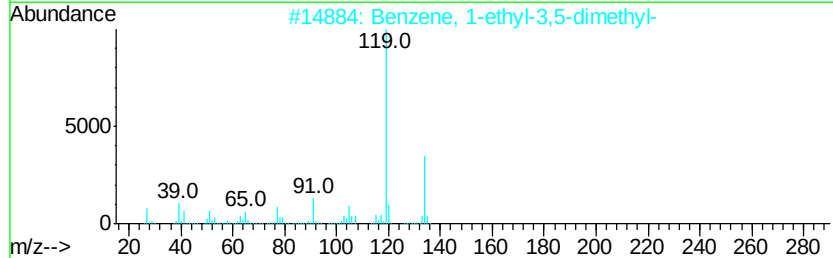
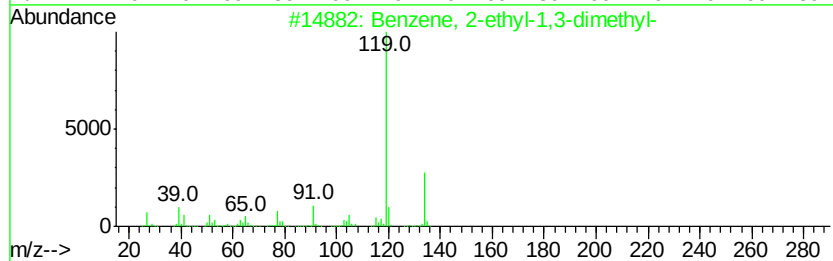
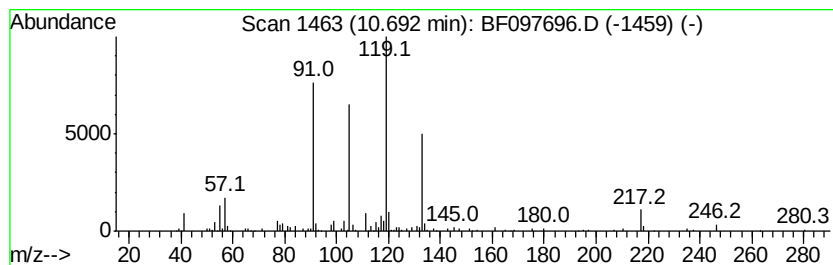
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.69	3.91 ng	257036	Phenanthrene-d10	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	59
2		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	59
3		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	59
4		Benzene, (1,1-dimethyldecyl)-	246	C18H30	027854-40-6	53
5		Benzene, 1-ethyl-4-(2-methylprop...	162	C12H18	100319-40-2	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081517\
Data File : BF097696.D
Acq On : 15 Aug 2017 17:38
Operator : SJ/JU
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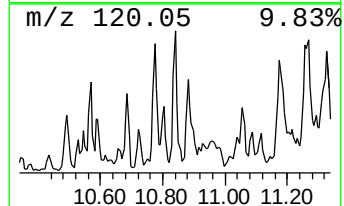
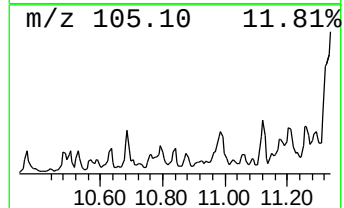
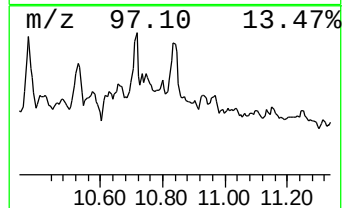
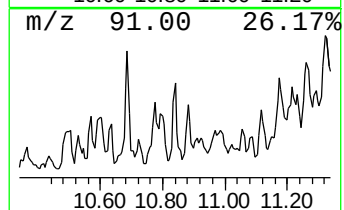
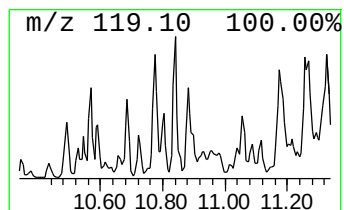
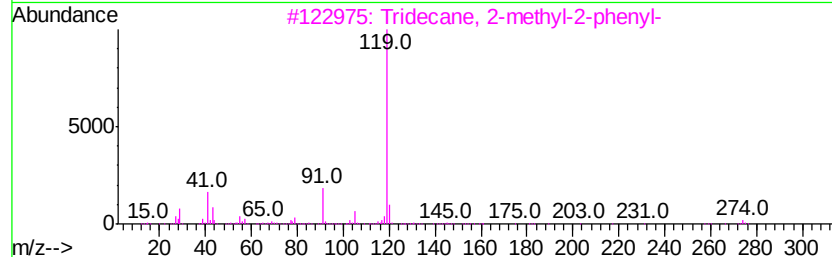
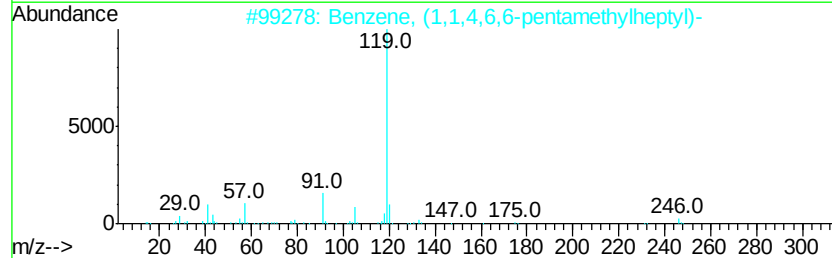
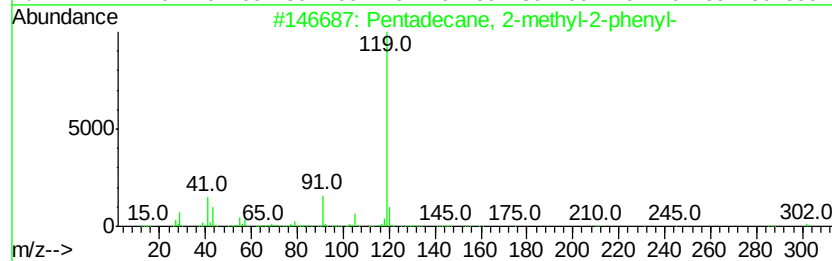
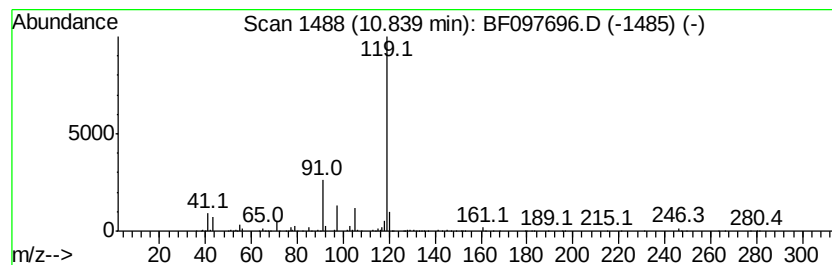
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Pentadecane, 2-methyl-2-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.84	7.74 ng	509069	Phenanthrene-d10	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2-methyl-2-phenyl-	302	C22H38	029138-94-1	72
2		Benzene, (1,1,4,6,6-pentamethylheptyl)-	246	C18H30	055134-07-1	72
3		Tridecane, 2-methyl-2-phenyl-	274	C20H34	027854-41-7	72
4		Benzene, (1,1-dimethylnonyl)-	232	C17H28	055191-25-8	72
5		Benzene, (1,1-dimethyldecyl)-	246	C18H30	027854-40-6	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF081517\
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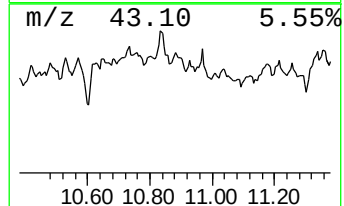
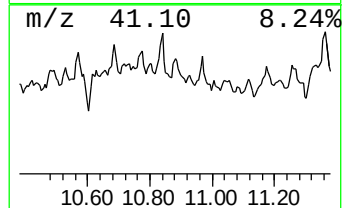
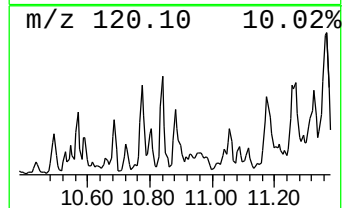
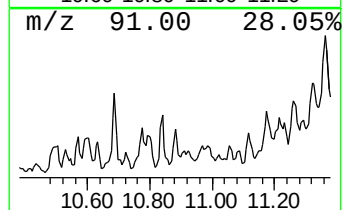
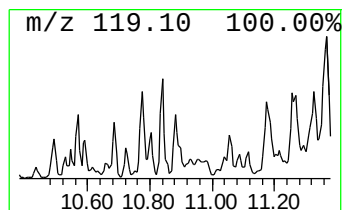
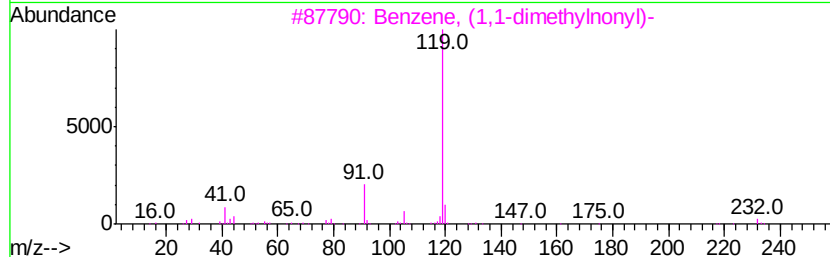
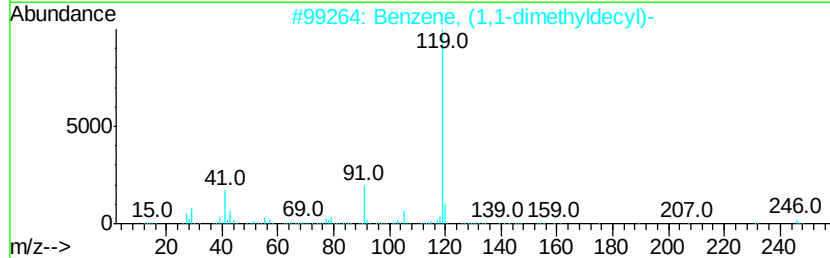
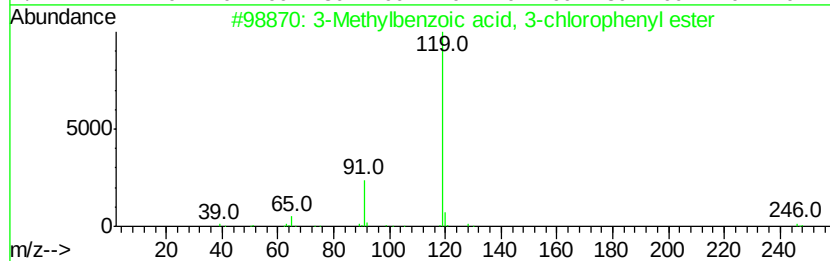
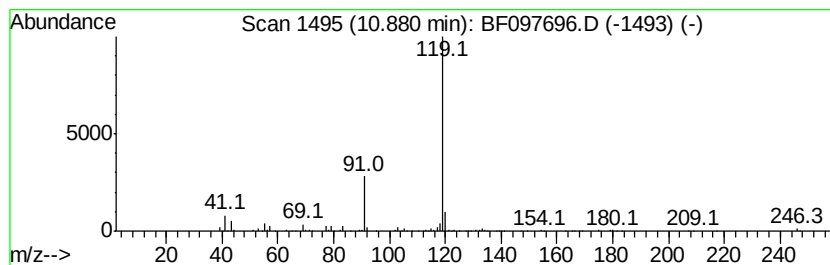
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 3-Methylbenzoic acid, 3-chl... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.		
10.88	4.66 ng	306345	Phenanthrene-d10	11.30		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-Methylbenzoic acid, 3-chloroph...	246	C14H11ClO2	1000325-71-2	78
2		Benzene, (1,1-dimethyldecyl)-	246	C18H30	027854-40-6	78
3		Benzene, (1,1-dimethylnonyl)-	232	C17H28	055191-25-8	78
4		Phenyl 2-phenylisopropyl sulfide	228	C15H16S	004148-93-0	74
5		Benzene, (1,1,4,6,6-pentamethylh...	246	C18H30	055134-07-1	74



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081517\
Data File : BF097696.D
Acq On : 15 Aug 2017 17:38
Operator : SJ/JU
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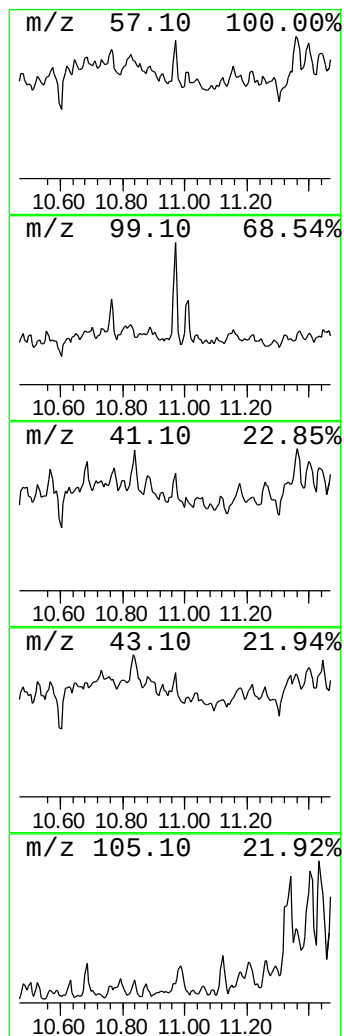
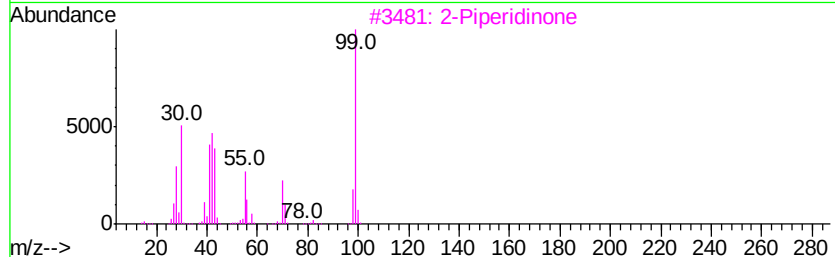
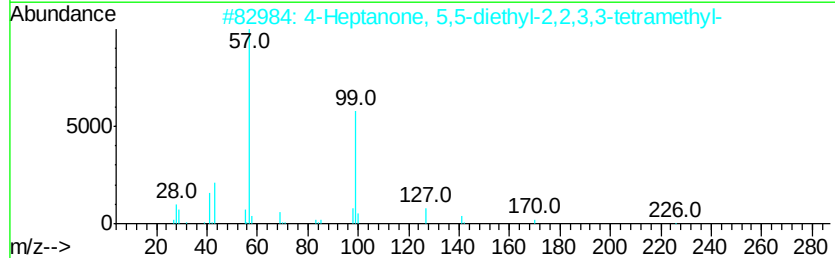
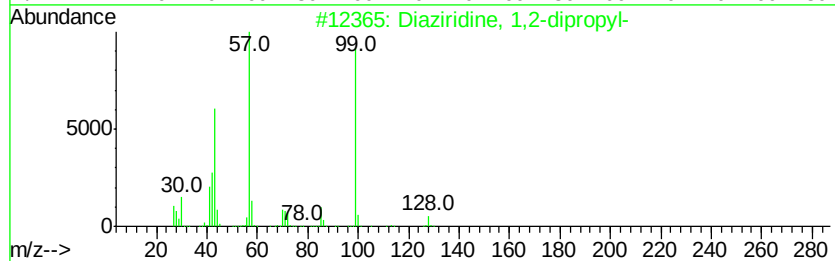
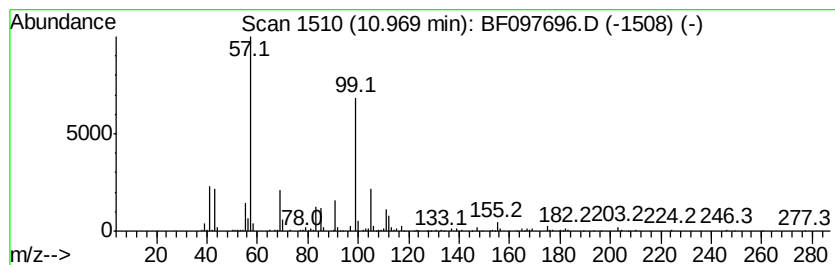
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown10.97 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.97	4.51 ng	296842	Phenanthrene-d10	11.30

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Diaziridine, 1,2-dipropyl-	128	C7H16N2	006794-92-9	25
2			4-Heptanone, 5,5-diethyl-2,2,3,3...	226	C15H30O	016424-67-2	23
3			2-Piperidinone	99	C5H9NO	000675-20-7	22
4			N-(4-Bromo-3-methyl-phenyl)-N'-(...	368	C15H21BrN4O2	1000294-59-4	22
5			trans-3-Methyl-4-octanolide	156	C9H16O2	039638-67-0	16



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081517\
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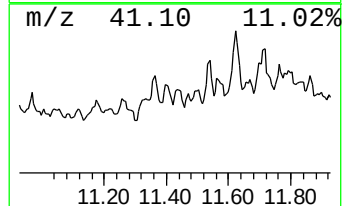
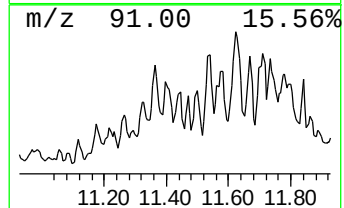
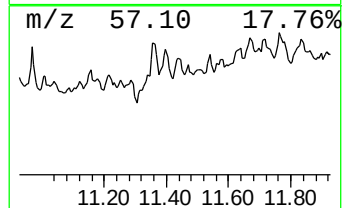
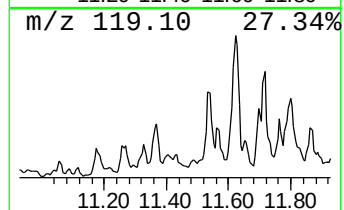
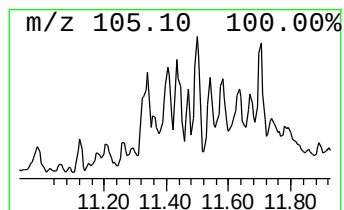
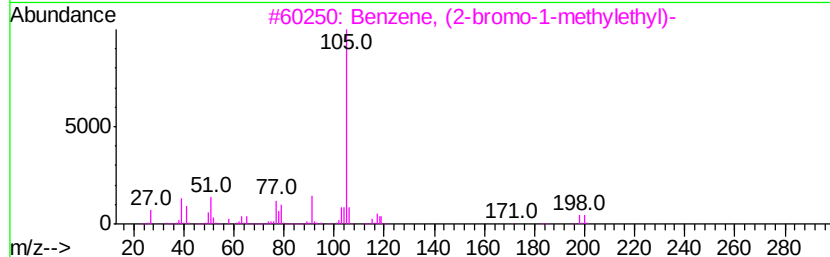
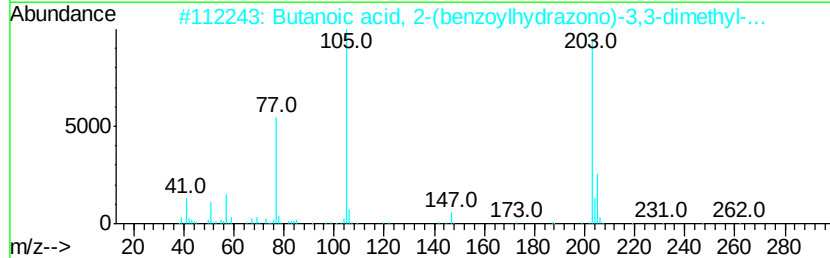
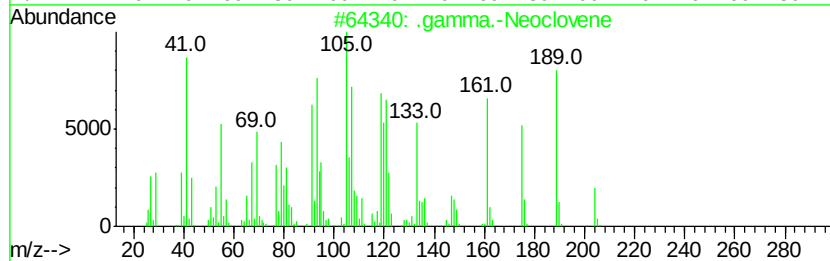
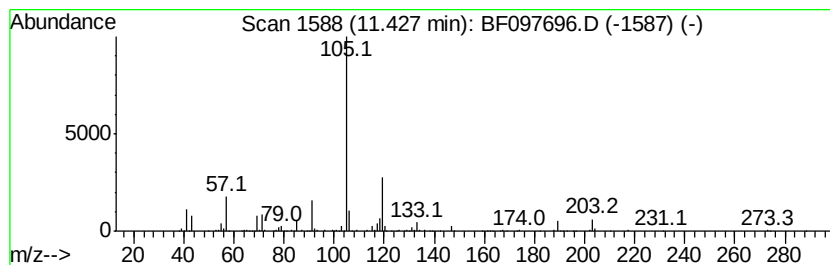
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ClientSampleId :
HAMILTON-PL-SOIL-66

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown11.43 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.43	8.42 ng	553914	Phenanthrene-d10	11.30	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Neoclovene	204	C15H24	1000156-11-7	40
2	Butanoic acid, 2-(benzoylhydrazono...	262	C14H18N2O3	1000142-96-7	27
3	Benzene, (2-bromo-1-methylethyl)-	198	C9H11Br	001459-00-3	23
4	Ethyl 2-benzamido-2-[(3-ethyl-3-...	389	C18H22F3N05	339352-46-4	12
5	Benzene, 1-(1-heptyldodecyl)-4-m...	358	C26H46	055191-36-1	12



Data Path : Z:\HPCHEM1\BNA F\DATA\BF081517\
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HAMILTON-PL-SOIL-66

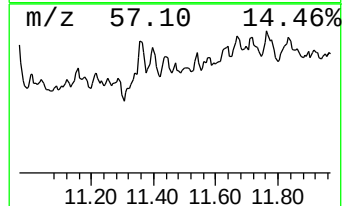
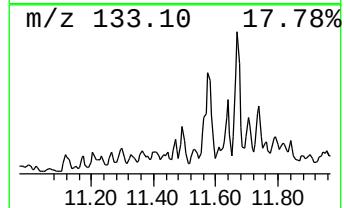
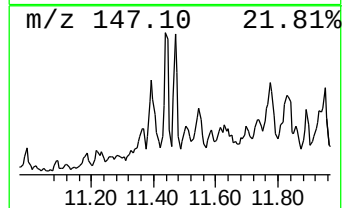
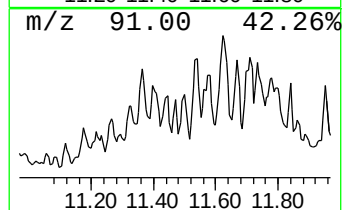
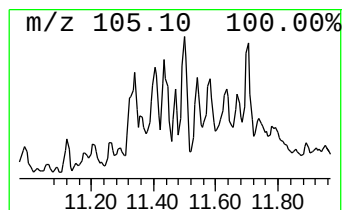
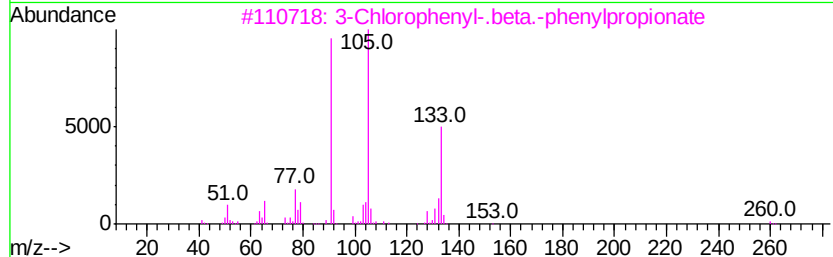
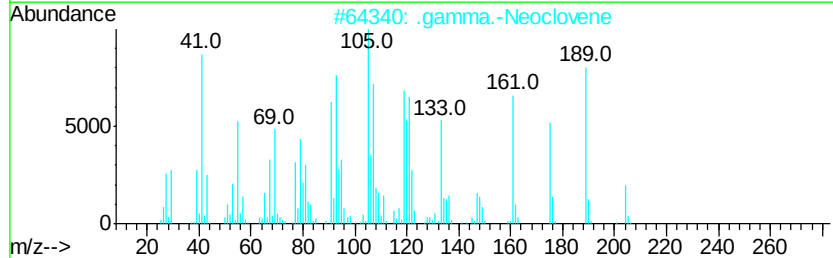
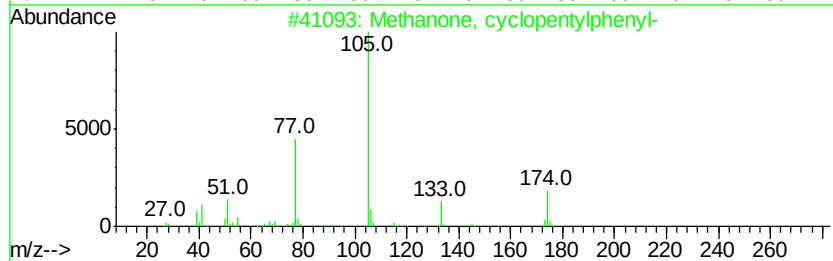
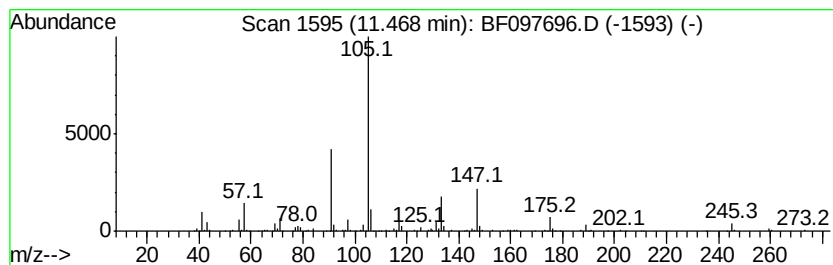
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown11.47 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.47	3.41 ng	224454	Phenanthrene-d10	11.30

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methanone, cyclopentylphenyl-	174	C12H14O	005422-88-8	25
2			.gamma.-Neoclovene	204	C15H24	1000156-11-7	22
3			3-Chlorophenyl-.beta.-phenylprop...	260	C15H13ClO2	023522-74-9	16
4			Benzamide, N-cyclohexyl-N-(1-met...	245	C16H23NO	052812-84-7	12
5			3-Cyanophenyl-.beta.-phenylpropi...	251	C16H13NO2	040123-39-5	10



Data Path : Z:\HPCHEM1\BNA F\DATA\BF081517\
Data File : BF097696.D
Acq On : 15 Aug 2017 17:38
Operator : SJ/JU
Sample : I4768-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HAMILTON-PL-SOIL-66

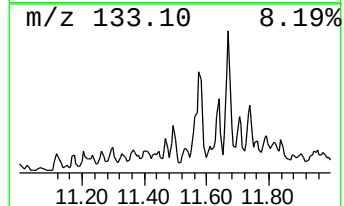
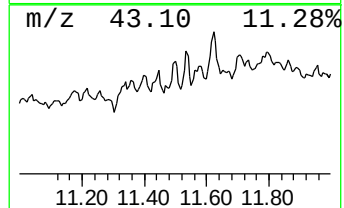
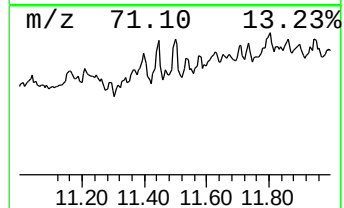
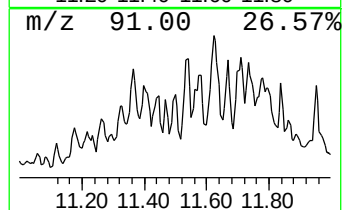
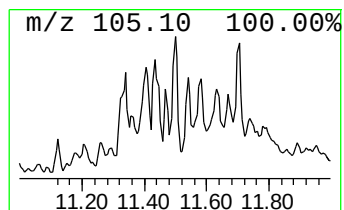
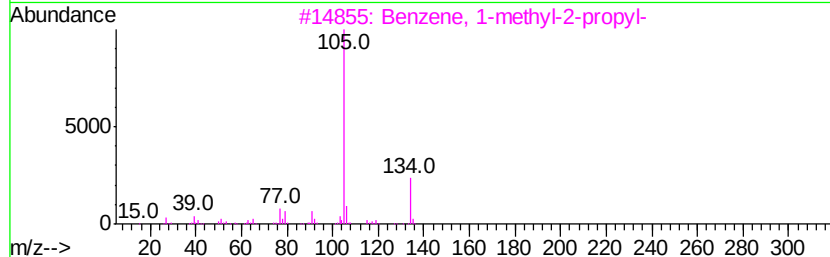
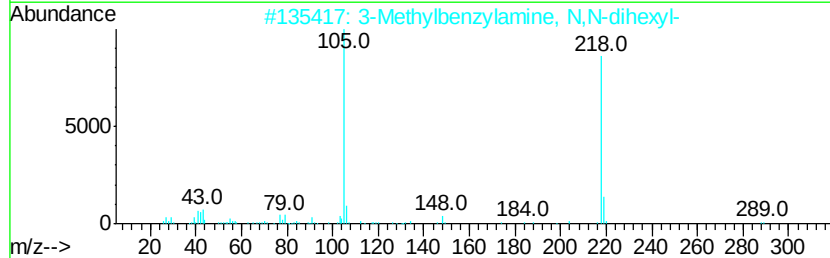
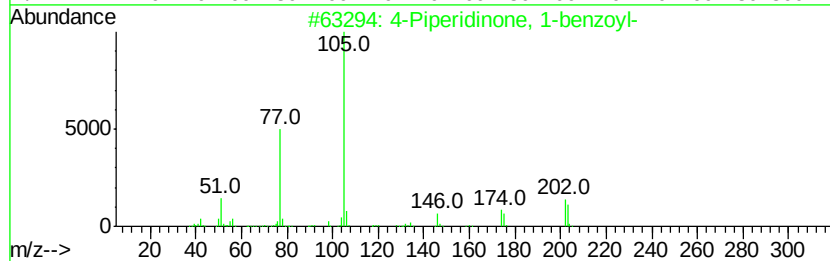
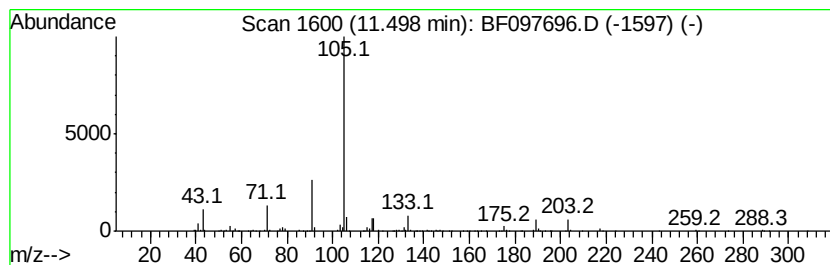
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown11.50 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.50	7.80 ng	513579	Phenanthrene-d10	11.30

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Piperidinone, 1-benzoyl-	203	C12H13NO2	024686-78-0	27		
2	3-Methylbenzylamine, N,N-dihexyl-	289	C20H35N	1000310-40-6	12		
3	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	10		
4	3-Methylbenzylamine, N,N-dibutyl-	233	C16H27N	1000310-40-5	10		
5	Diazene, 1-(1-phenylethyl)-2-(1,...	190	C12H18N2	1000195-63-9	10		



Data Path : Z:\HPCHEM1\BNA F\DATA\BF081517\
Data File : BF097696.D
Acq On : 15 Aug 2017 17:38
Operator : SJ/JU
Sample : I4768-03
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ClientSampleId :
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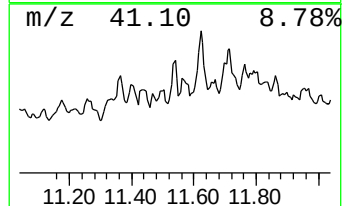
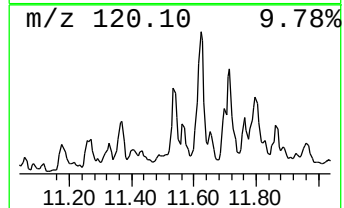
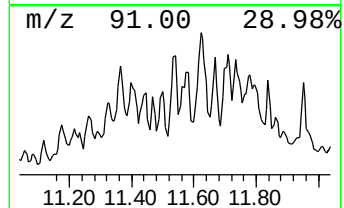
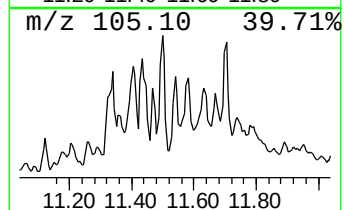
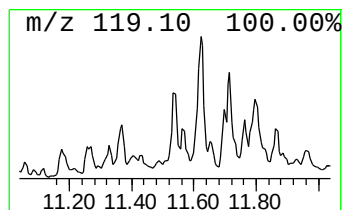
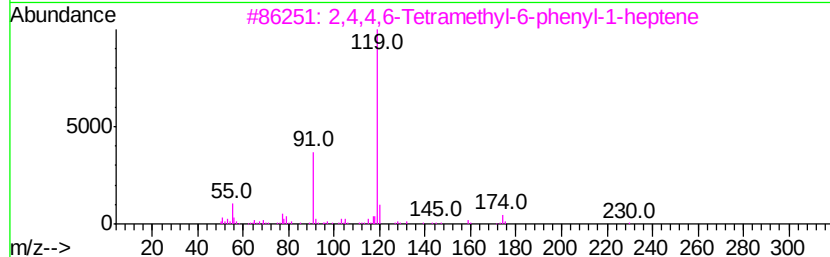
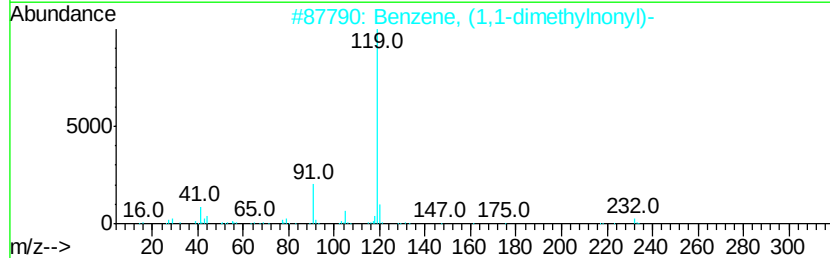
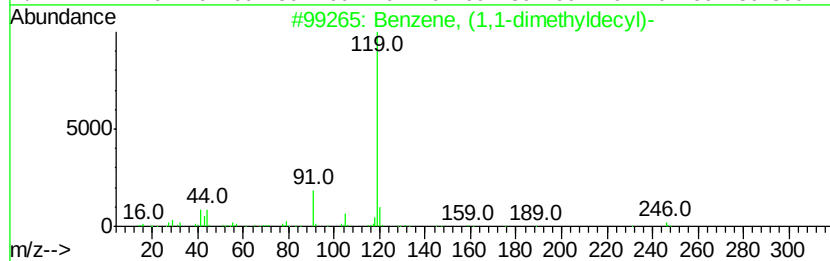
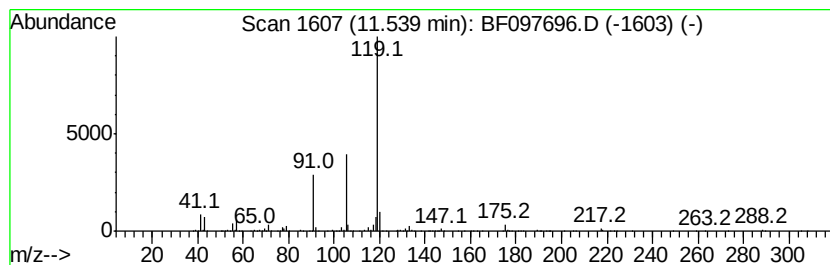
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Benzene, (1,1-dimethyldecyl)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.54	16.26 ng	1069970	Phenanthrene-d10	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1,1-dimethyldecyl)-	246	C18H30	027854-40-6	64
2		Benzene, (1,1-dimethylnonyl)-	232	C17H28	055191-25-8	64
3		2,4,4,6-Tetramethyl-6-phenyl-1-h...	230	C17H26	1000293-27-9	59
4		Pentadecane, 2-methyl-2-phenyl-	302	C22H38	029138-94-1	59
5		Benzene, (1,1,2-trimethylpropyl)-	162	C12H18	026356-11-6	56



Data Path : Z:\HPCHEM1\BNA F\DATA\BF081517\
Data File : BF097696.D
Acq On : 15 Aug 2017 17:38
Operator : SJ/JU
Sample : I4768-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

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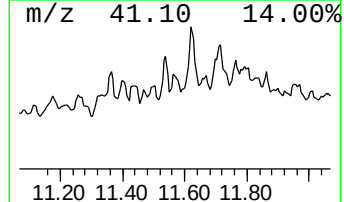
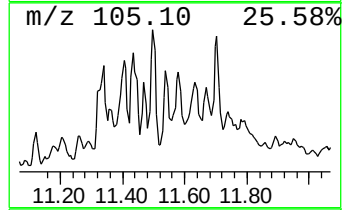
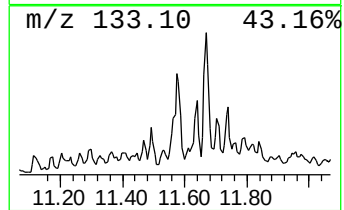
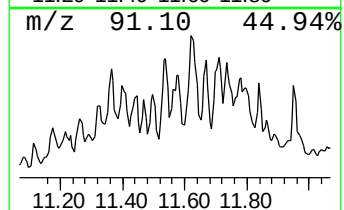
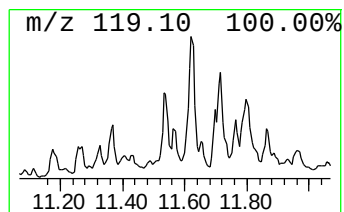
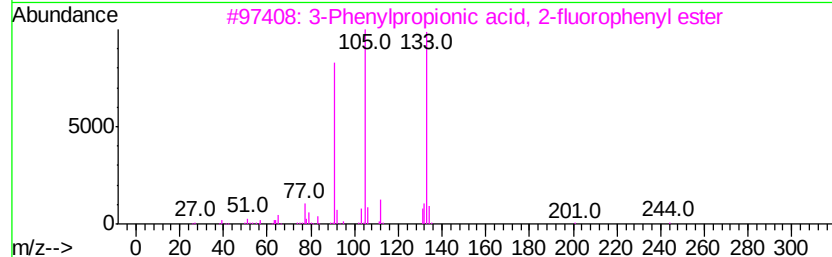
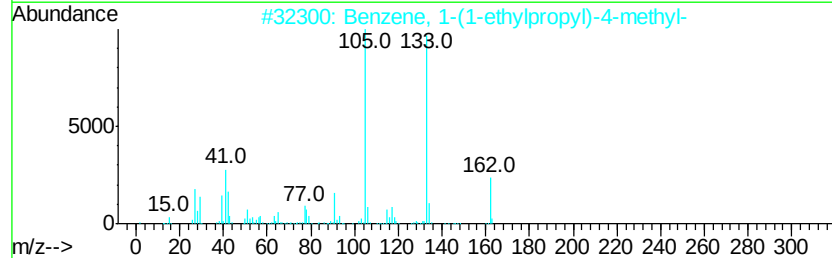
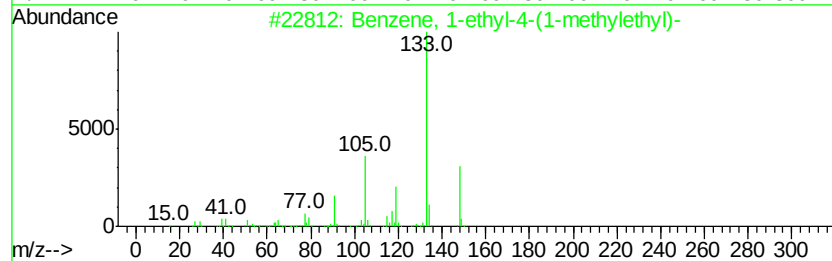
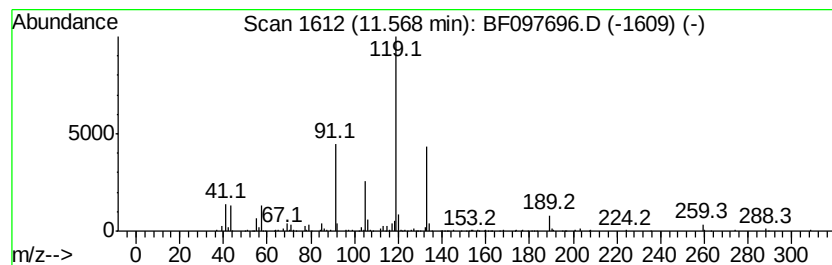
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzene, 1-ethyl-4-(1-methy... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	7.50 ng	493402	Phenanthrene-d10	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	64
2		Benzene, 1-(1-ethylpropyl)-4-met...	162	C12H18	022975-58-2	64
3		3-Phenylpropionic acid, 2-fluoro...	244	C15H13F02	1000325-75-9	64
4		3-Phenylpropionic acid, 4-cyanop...	251	C16H13N02	1000307-78-4	64
5		1H-Benzotriazole, 1-methyl-	133	C7H7N3	013351-73-0	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF081517\
Data File : BF097696.D
Acq On : 15 Aug 2017 17:38
Operator : SJ/JU
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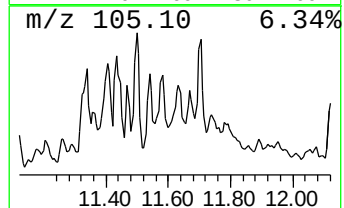
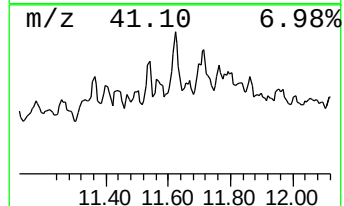
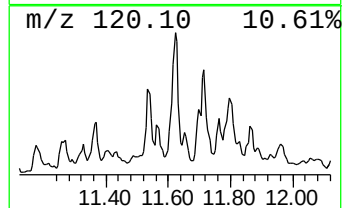
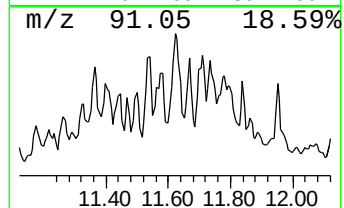
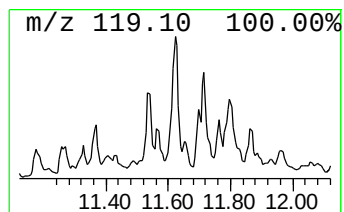
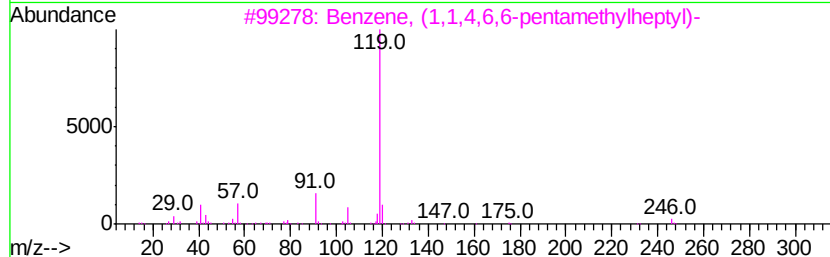
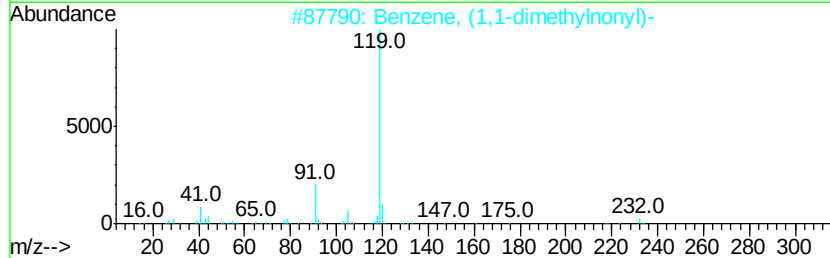
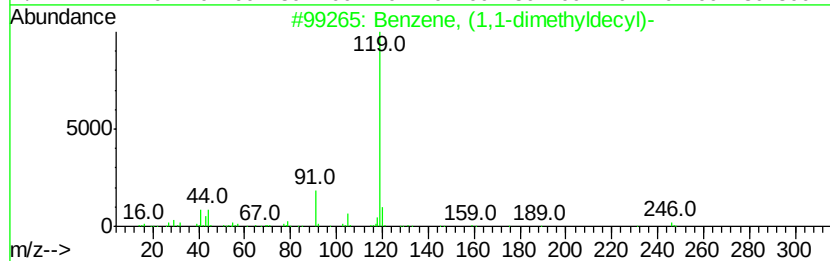
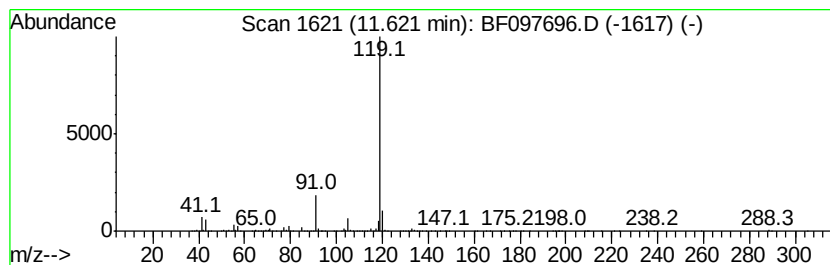
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzene, (1,1-dimethylnonyl)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.62	24.26 ng	1596130	Phenanthrene-d10	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1,1-dimethyldecyl)-	246	C18H30	027854-40-6	83
2		Benzene, (1,1-dimethylnonyl)-	232	C17H28	055191-25-8	83
3		Benzene, (1,1,4,6,6-pentamethylh...	246	C18H30	055134-07-1	78
4		Pentadecane, 2-methyl-2-phenyl-	302	C22H38	029138-94-1	74
5		Benzoic acid, 3-methyl-, 4-biphe...	288	C20H16O2	1000355-71-6	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF081517\
Data File : BF097696.D
Acq On : 15 Aug 2017 17:38
Operator : SJ/JU
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ALS Vial : 11 Sample Multiplier: 1

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ClientSampleId :
HAMILTON-PL-SOIL-66

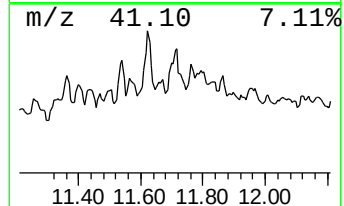
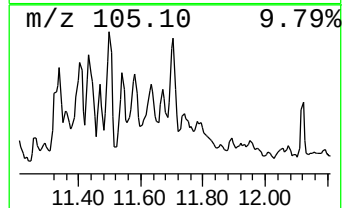
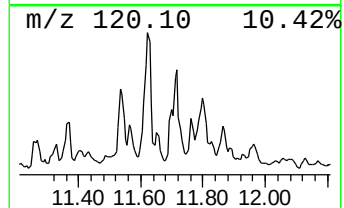
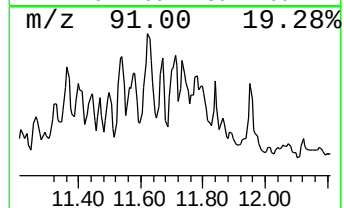
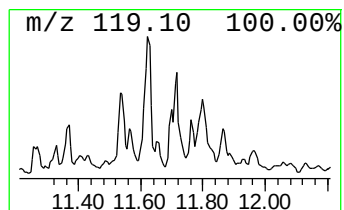
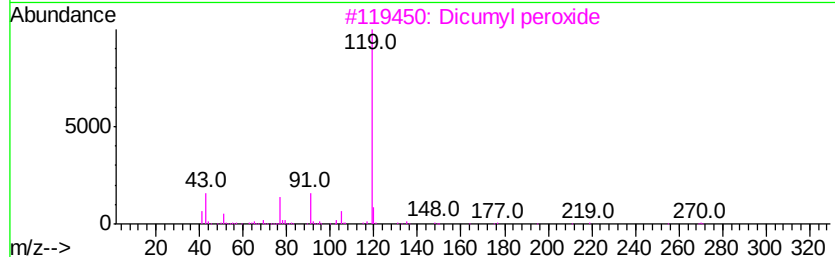
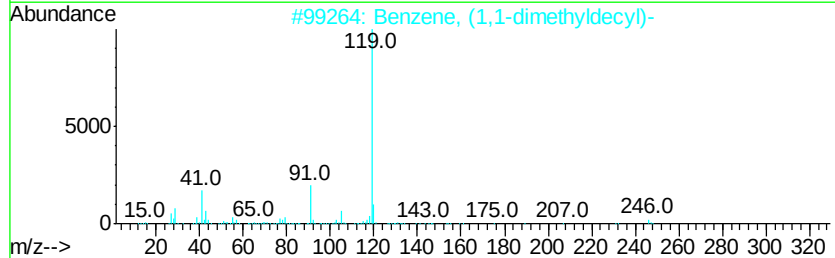
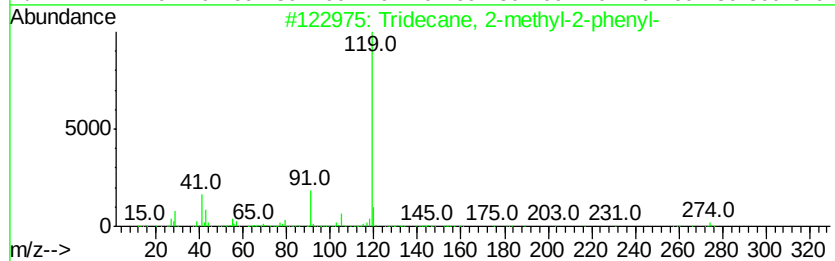
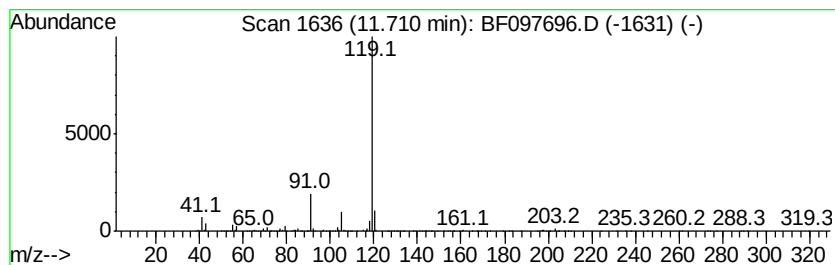
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Tridecane, 2-methyl-2-phenyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.71	18.92 ng	1245250	Phenanthrene-d10	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 2-methyl-2-phenyl-	274	C20H34	027854-41-7	86
2		Benzene, (1,1-dimethyldecyl)-	246	C18H30	027854-40-6	78
3		Dicumyl peroxide	270	C18H22O2	000080-43-3	72
4		Pentadecane, 2-methyl-2-phenyl-	302	C22H38	029138-94-1	72
5		Phenyl iso-butyl methylcarbonyl ...	220	C14H20O2	1000285-48-0	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF081517\
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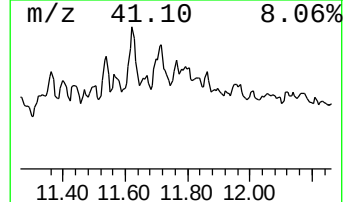
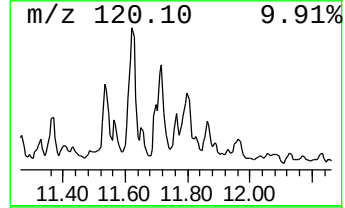
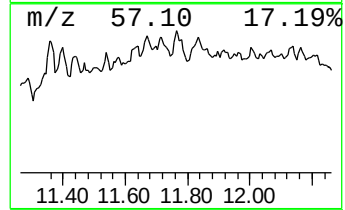
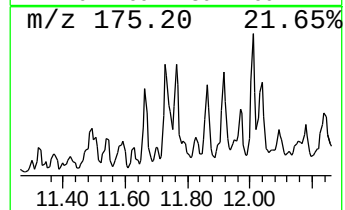
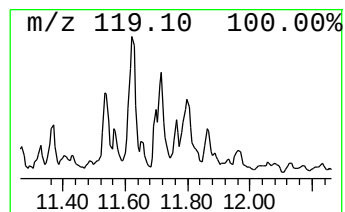
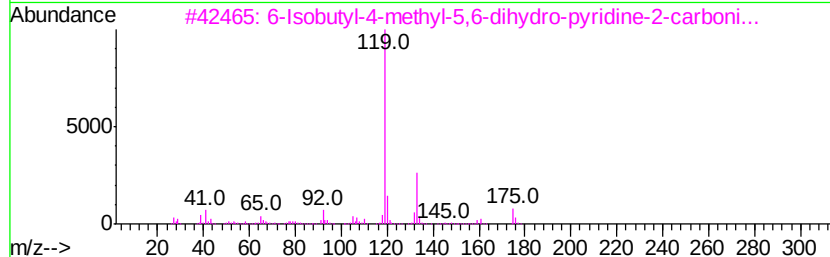
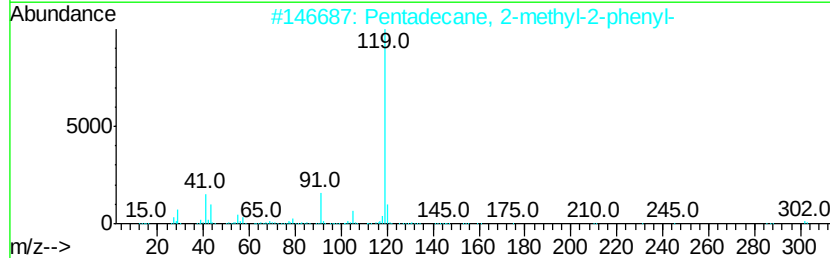
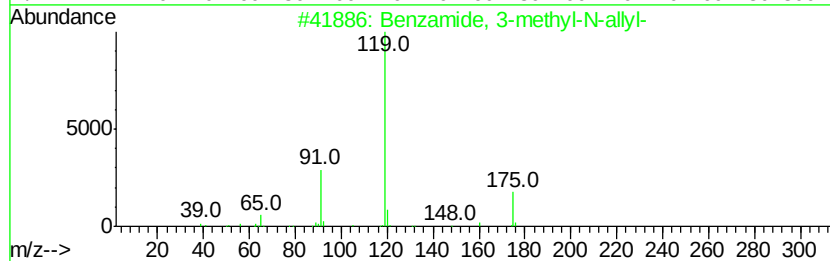
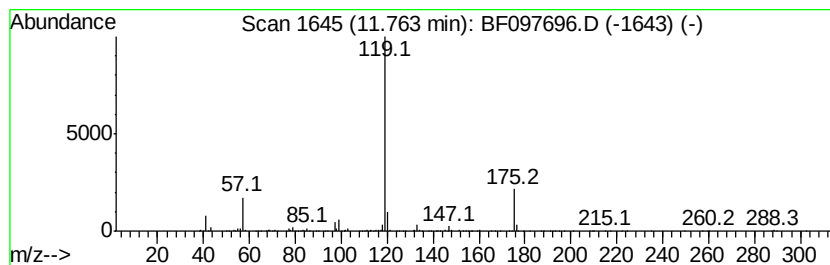
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzamide, 3-methyl-N-allyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.76	4.13 ng	271595	Phenanthrene-d10	11.30	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzamide, 3-methyl-N-allyl-	175	C11H13NO	1000339-09-8	64
2	Pentadecane, 2-methyl-2-phenyl-	302	C22H38	029138-94-1	50
3	6-Isobutyl-4-methyl-5,6-dihydro-...	176	C11H16N2	1000185-72-5	42
4	Benzhydrazide, 4-methyl-N2-[1-me...	303	C12H13N7O3	324021-25-2	39
5	Benzene, (1,1-dimethyldecyl)-	246	C18H30	027854-40-6	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081517\
 Data File : BF097696.D
 Acq On : 15 Aug 2017 17:38
 Operator : SJ/JU
 Sample : I4768-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HAMILTON-PL-SOIL-66

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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
2-Pentanone, 4-hy...	4.98	5.2 ng		224140	1	6.78	855644	20.0
unknown6.55	6.55	61.0 ng		2607540	1	6.78	855644	20.0
unknown8.75	8.75	3.6 ng		210229	2	8.06	1178540	20.0
Oxalic acid, cycl...	9.05	4.8 ng		311105	3	9.82	1288440	20.0
unknown9.34	9.34	7.2 ng		461525	3	9.82	1288440	20.0
unknown10.53	10.53	3.5 ng		224985	3	9.82	1288440	20.0
Benzene, 2-ethyl-...	10.69	3.9 ng		257036	4	11.30	1316040	20.0
Pentadecane, 2-me...	10.84	7.7 ng		509069	4	11.30	1316040	20.0
3-Methylbenzoic a...	10.88	4.7 ng		306345	4	11.30	1316040	20.0
unknown10.97	10.97	4.5 ng		296842	4	11.30	1316040	20.0
unknown11.43	11.43	8.4 ng		553914	4	11.30	1316040	20.0
unknown11.47	11.47	3.4 ng		224454	4	11.30	1316040	20.0
unknown11.50	11.50	7.8 ng		513579	4	11.30	1316040	20.0
Benzene, (1,1-dim...	11.54	16.3 ng		1069970	4	11.30	1316040	20.0
Benzene, 1-ethyl-...	11.57	7.5 ng		493402	4	11.30	1316040	20.0
Benzene, (1,1-dim...	11.62	24.3 ng		1596130	4	11.30	1316040	20.0
Tridecane, 2-meth...	11.71	18.9 ng		1245250	4	11.30	1316040	20.0
Benzamide, 3-meth...	11.76	4.1 ng		271595	4	11.30	1316040	20.0