

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073015\
 Data File : BG018178.D
 Acq On : 30 Jul 2015 17:36
 Operator : TP/UM
 Sample : G3130-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-3

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_G\Methods\8270-BG071715.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	3.713	169	174	181	rBV	203827	277111	15.78%	1.866%
2	4.230	258	262	269	rVB	51505	74548	4.25%	0.502%
3	4.629	324	330	339	rVB	242475	327469	18.65%	2.206%
4	5.093	404	409	416	rBV	351226	503121	28.65%	3.389%
5	6.692	674	681	691	rVB	438307	687744	39.16%	4.632%
6	7.032	732	739	750	rVB	467721	727506	41.43%	4.900%
7	7.491	812	817	823	rBV	136715	218016	12.42%	1.468%
8	7.808	865	871	881	rVB	392608	624109	35.54%	4.203%
9	8.648	1007	1014	1022	rBV	284501	465539	26.51%	3.135%
10	9.312	1123	1127	1132	rBV	12216	18185	1.04%	0.122%
11	10.140	1263	1268	1275	rVB	22647	33426	1.90%	0.225%
12	10.276	1284	1291	1297	rBV	208126	339248	19.32%	2.285%
13	12.156	1605	1611	1628	rBV	64838	133747	7.62%	0.901%
14	12.779	1708	1717	1726	rBV	959722	1418330	80.77%	9.553%
15	13.084	1762	1769	1773	rBV	12883	18224	1.04%	0.123%
16	13.631	1857	1862	1870	rVB	146705	199591	11.37%	1.344%
17	13.836	1892	1897	1902	rBV	36576	49302	2.81%	0.332%
18	14.165	1947	1953	1961	rBV2	338718	514084	29.28%	3.462%
19	15.370	2152	2158	2166	rBV	25692	46946	2.67%	0.316%
20	15.481	2174	2177	2181	rBV2	17242	18989	1.08%	0.128%
21	15.669	2201	2209	2219	rBV	536637	757529	43.14%	5.102%
22	15.904	2245	2249	2253	rBV3	12847	18959	1.08%	0.128%
23	16.703	2380	2385	2389	rBV2	24265	32622	1.86%	0.220%
24	16.921	2416	2422	2426	rBV2	431176	609328	34.70%	4.104%
25	16.962	2426	2429	2434	rVB	81202	105363	6.00%	0.710%
26	17.050	2442	2444	2450	rVB	13871	17779	1.01%	0.120%
27	17.397	2498	2503	2507	rVB	27827	34810	1.98%	0.234%
28	17.796	2565	2571	2575	rBV2	13874	20045	1.14%	0.135%
29	17.843	2575	2579	2586	rVV2	66655	95773	5.45%	0.645%
30	17.984	2599	2603	2609	rBV3	27287	45767	2.61%	0.308%
31	18.266	2644	2651	2655	rBV7	10731	19004	1.08%	0.128%
32	18.519	2688	2694	2703	rBV	390687	532326	30.31%	3.585%
33	18.619	2703	2711	2717	rVV2	75925	112701	6.42%	0.759%
34	18.678	2717	2721	2726	rVB	86378	107562	6.13%	0.724%

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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35	18.995	2767	2775	2783	rBV	146545	256578	14.61%	1.728%
36	19.212	2804	2812	2815	rBV	51212	73625	4.19%	0.496%
37	19.324	2826	2831	2833	rBV2	23023	36594	2.08%	0.246%
38	19.359	2833	2837	2846	rVV	127474	185415	10.56%	1.249%
39	19.430	2846	2849	2856	rVB7	12310	20328	1.16%	0.137%
40	19.576	2868	2874	2884	rVB	1383976	1756049	100.00%	11.827%
41	19.776	2905	2908	2911	rBV	22374	28445	1.62%	0.192%
42	19.859	2918	2922	2927	rVB4	18728	27585	1.57%	0.186%
43	19.964	2936	2940	2945	rBV3	15106	30267	1.72%	0.204%
44	20.017	2945	2949	2953	rVB3	12772	20003	1.14%	0.135%
45	20.105	2959	2964	2969	rBV	414985	488294	27.81%	3.289%
46	20.569	3039	3043	3046	rBV2	22159	26578	1.51%	0.179%
47	20.816	3081	3085	3089	rBV4	21683	48475	2.76%	0.326%
48	20.851	3089	3091	3096	rVV4	46581	64576	3.68%	0.435%
49	20.904	3096	3100	3109	rVB4	15846	37433	2.13%	0.252%
50	21.051	3118	3125	3131	rBV2	279264	496728	28.29%	3.346%
51	21.128	3131	3138	3142	rVV	707172	946892	53.92%	6.377%
52	21.163	3142	3144	3152	rVB	70630	83317	4.74%	0.561%
53	21.856	3259	3262	3272	rVB	76215	112455	6.40%	0.757%
54	22.285	3331	3335	3343	rVB	50054	74982	4.27%	0.505%
55	22.655	3393	3398	3401	rBV	57664	110567	6.30%	0.745%
56	23.119	3473	3477	3483	rVB	33544	60717	3.46%	0.409%
57	23.208	3488	3492	3500	rVB	50073	87585	4.99%	0.590%
58	23.307	3502	3509	3516	rBV2	305132	569221	32.41%	3.834%

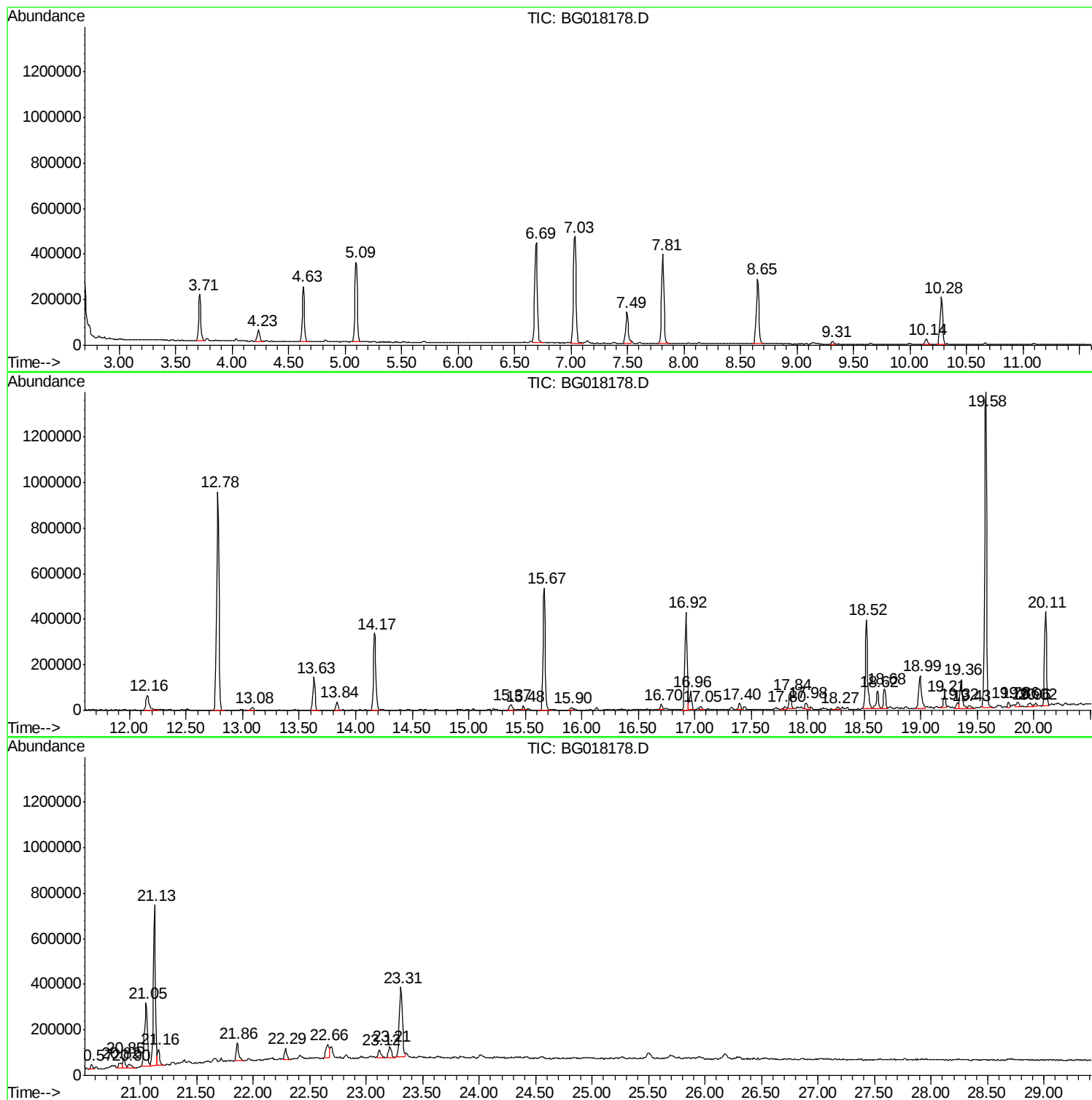
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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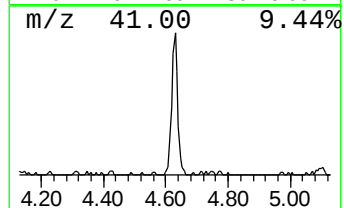
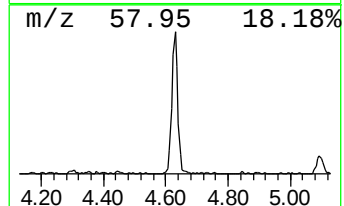
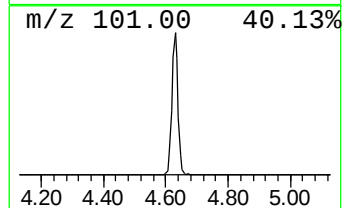
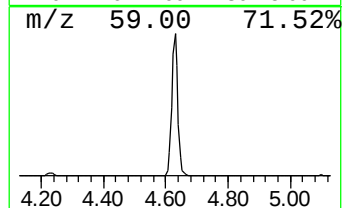
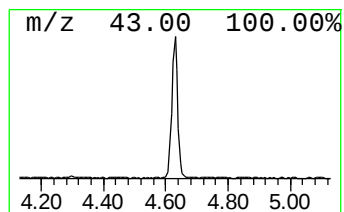
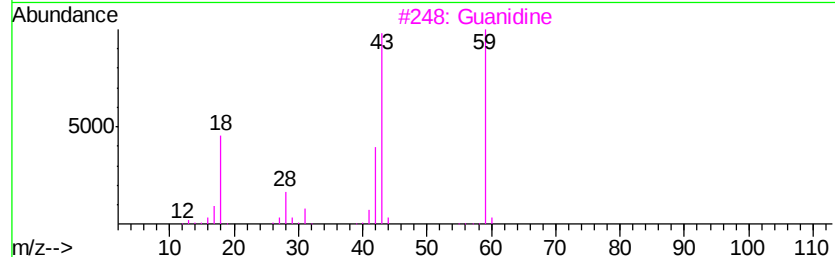
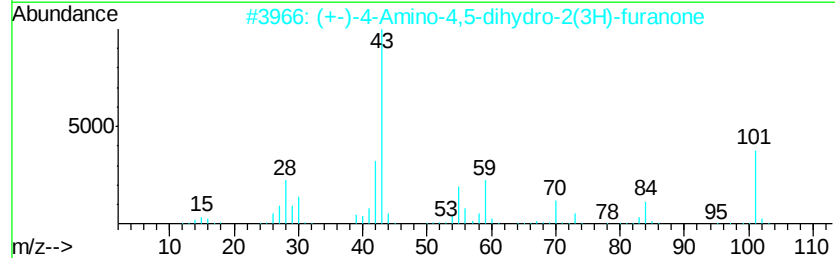
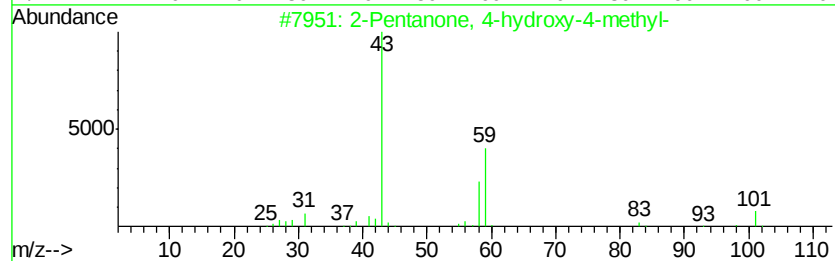
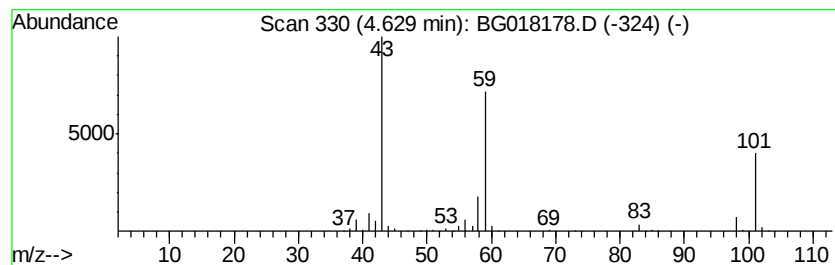
Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG071715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.63	30.04 ng	327469	1,4-Dichlorobenzene-d4	7.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	36
3		Guanidine	59	CH5N3	000113-00-8	35
4		Propanamide, N-ethyl-	101	C5H11NO	005129-72-6	16
5		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	16



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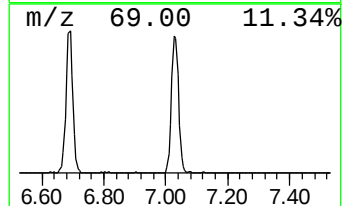
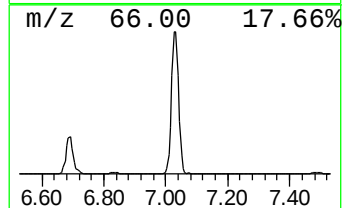
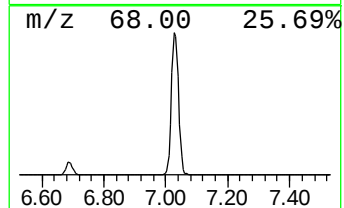
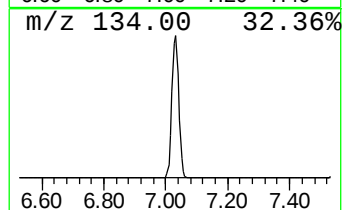
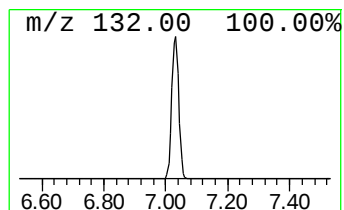
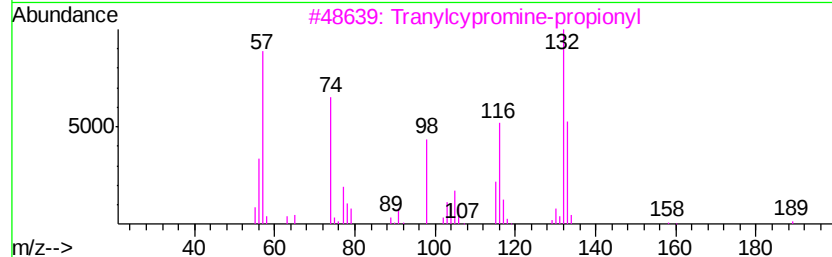
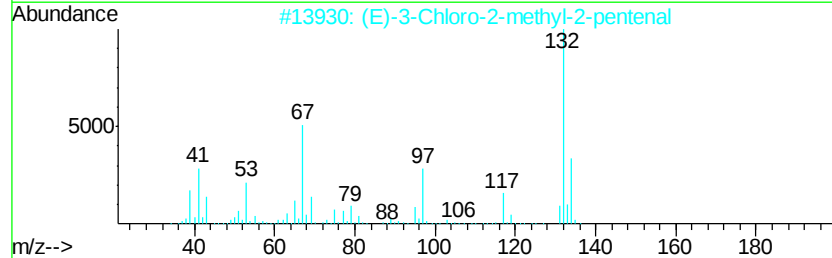
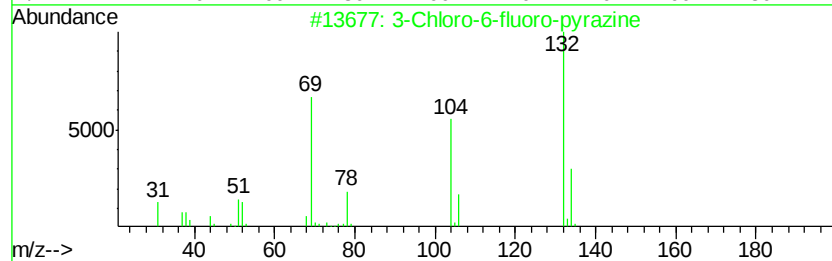
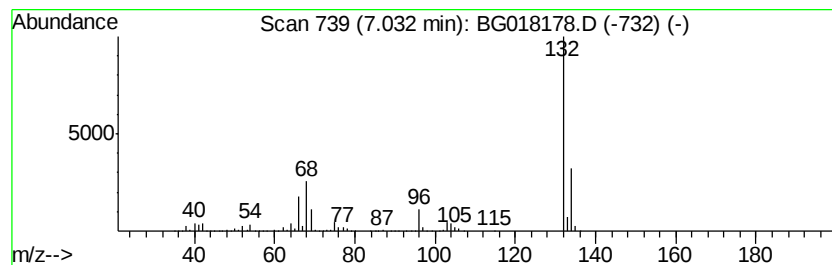
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown7.03 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	66.74 ng	727506	1,4-Dichlorobenzene-d4	7.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	47
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	38
3		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	32
4		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	25
5		Xenon	132	Xe	007440-63-3	9



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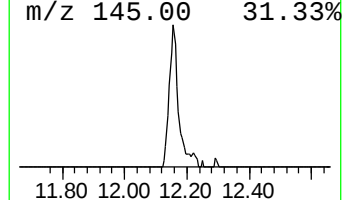
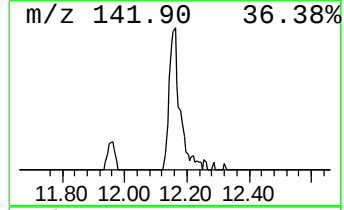
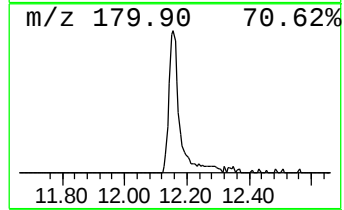
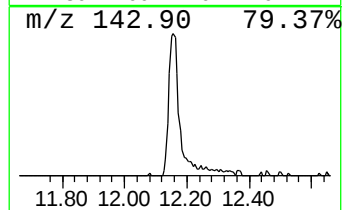
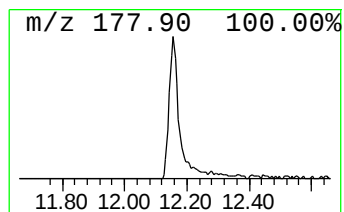
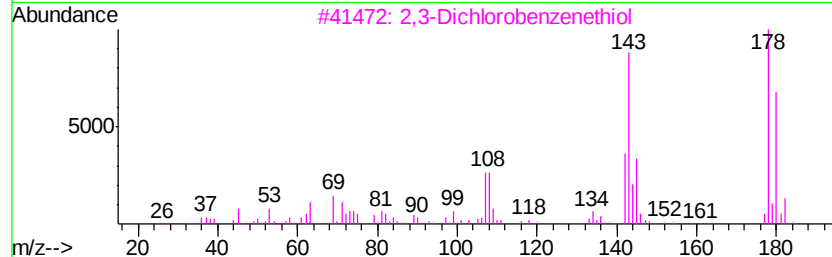
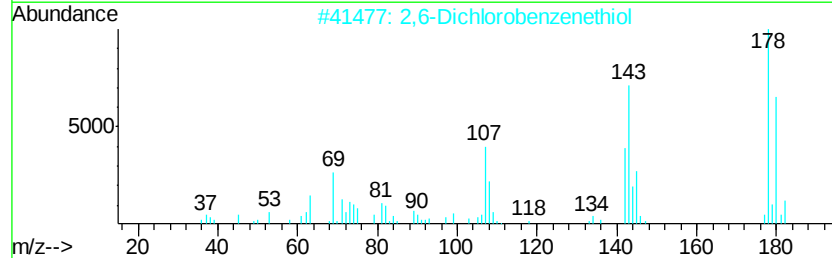
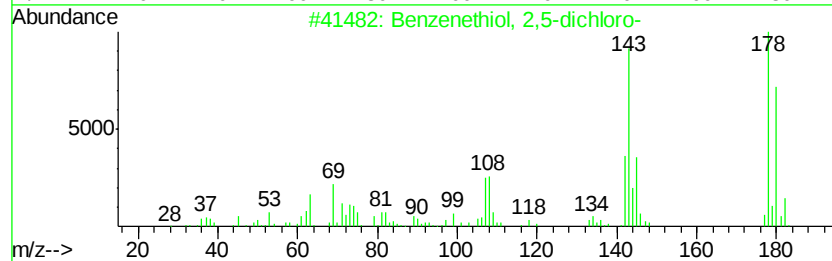
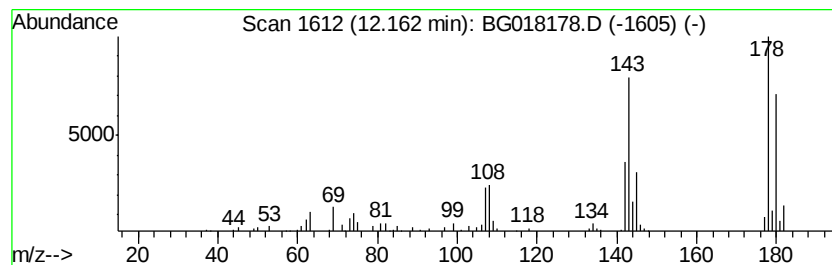
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Benzenethiol, 2,5-dichloro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	7.88 ng	133747	Naphthalene-d8	10.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzenethiol, 2,5-dichloro-	178	C6H4Cl2S	005858-18-4	99
2		2,6-Dichlorobenzenethiol	178	C6H4Cl2S	024966-39-0	96
3		2,3-Dichlorobenzenethiol	178	C6H4Cl2S	017231-95-7	96
4		3,4-Dichlorobenzenethiol	178	C6H4Cl2S	005858-17-3	94
5		Phosphonous dichloride, phenyl-	178	C6H5Cl2P	000644-97-3	59



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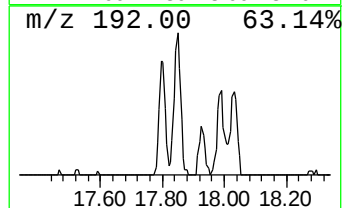
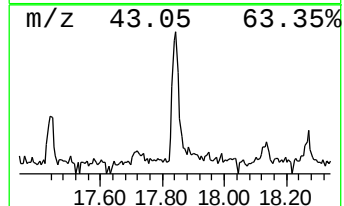
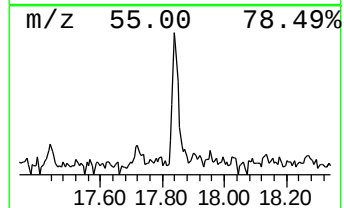
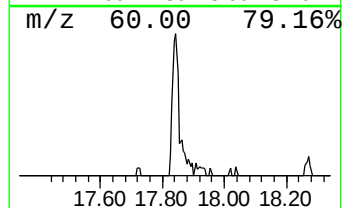
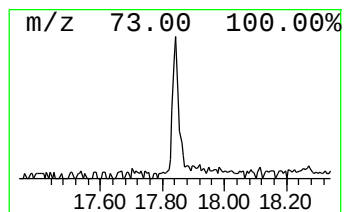
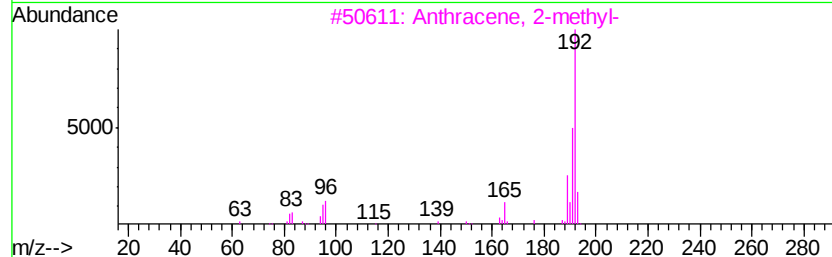
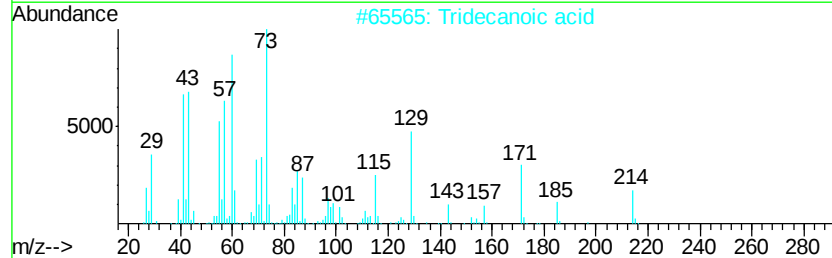
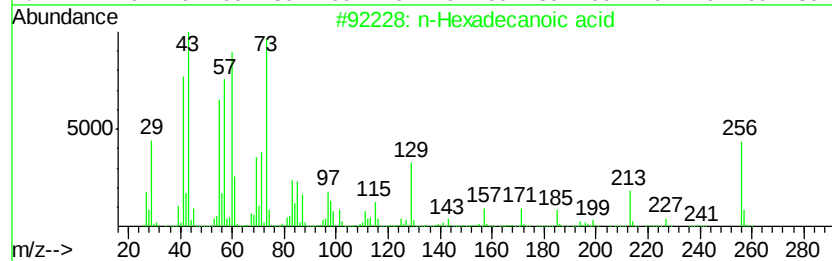
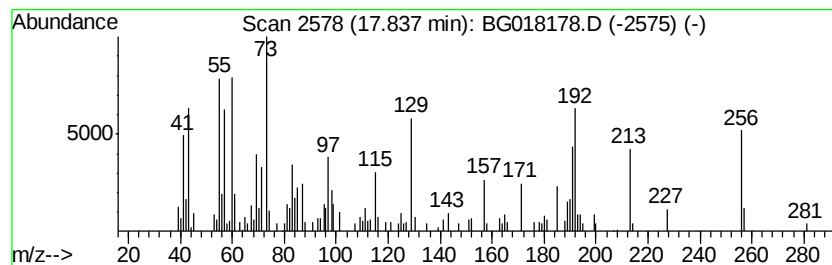
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 n-Hexadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.
17.84	3.14 ng	95773	Phenanthrene-d10		16.92
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	91
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	80
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	60
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	47



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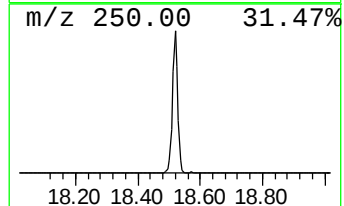
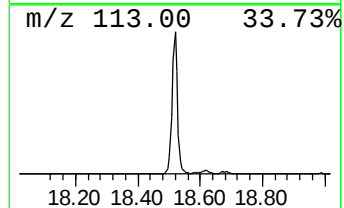
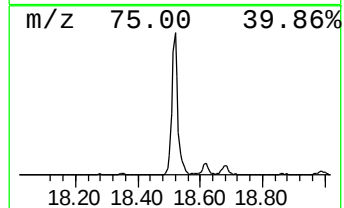
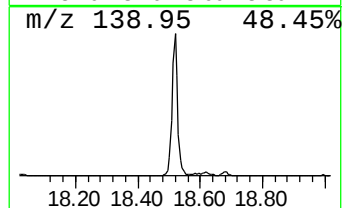
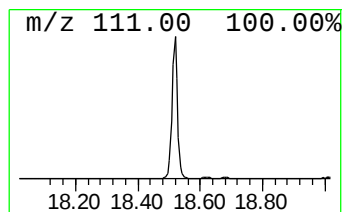
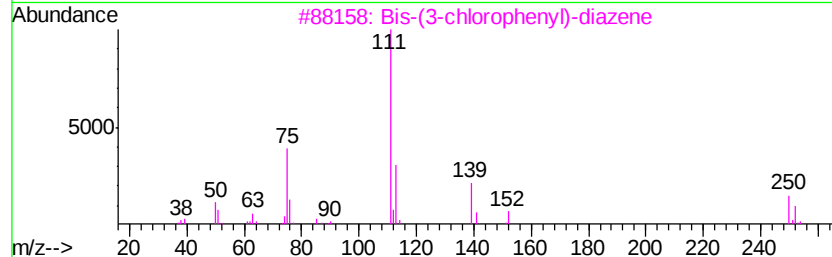
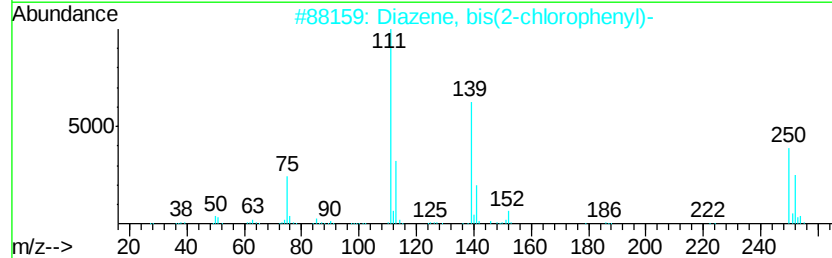
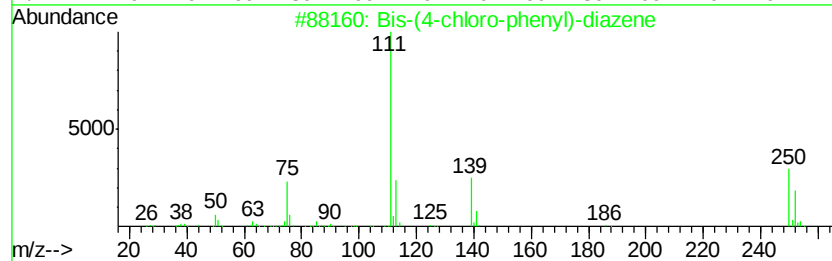
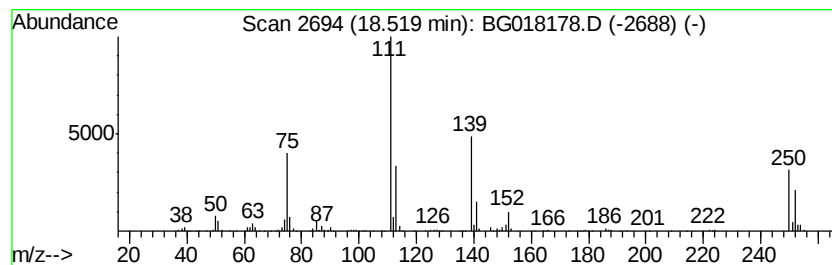
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Bis-(4-chloro-phenyl)-diazene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.52	17.47 ng	532326	Phenanthrene-d10	16.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bis-(4-chloro-phenyl)-diazene	250	C12H8Cl2N2	1000192-28-4	98
2		Diazene, bis(2-chlorophenyl)-	250	C12H8Cl2N2	007334-33-0	98
3		Bis-(3-chlorophenyl)-diazene	250	C12H8Cl2N2	015426-14-9	93
4		Triazene, 3-(2-chlorophenyl)-1-(...	306	C13H11ClN4O3	1000293-97-7	59
5		Triazene, 1-(p-fluorophenyl)-1-c...	288	C14H10ClFN4	1000274-66-3	40



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073015\
Data File : BG018178.D
Acq On : 30 Jul 2015 17:36
Operator : TP/UM
Sample : G3130-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-3

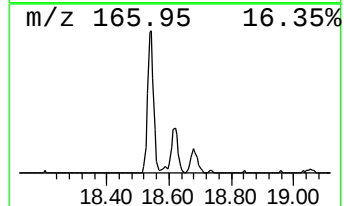
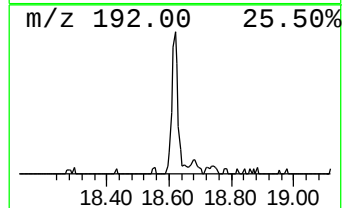
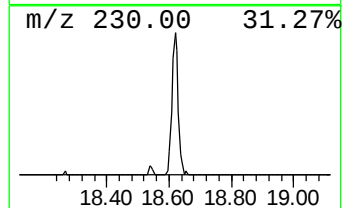
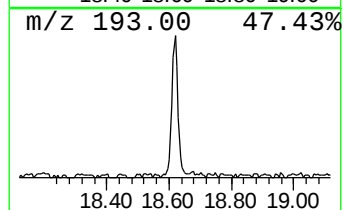
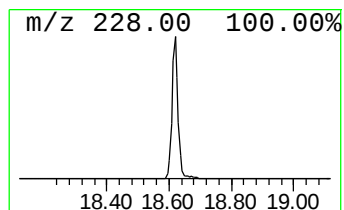
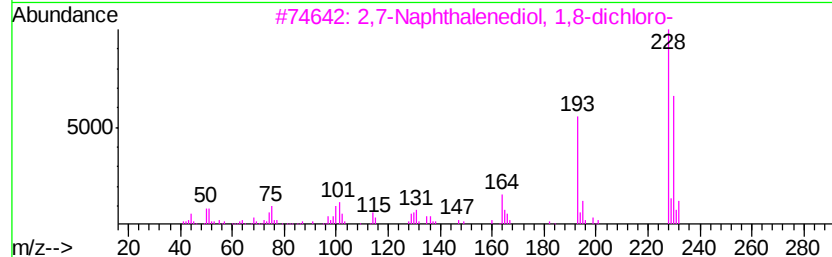
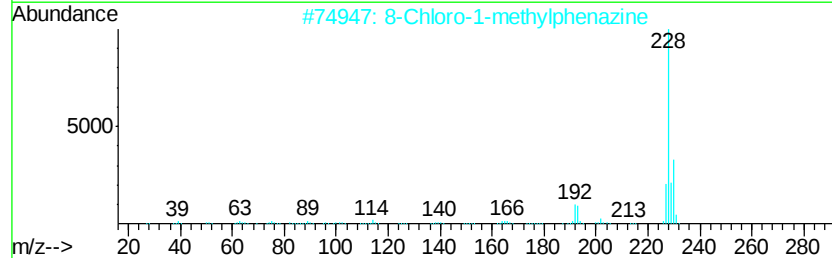
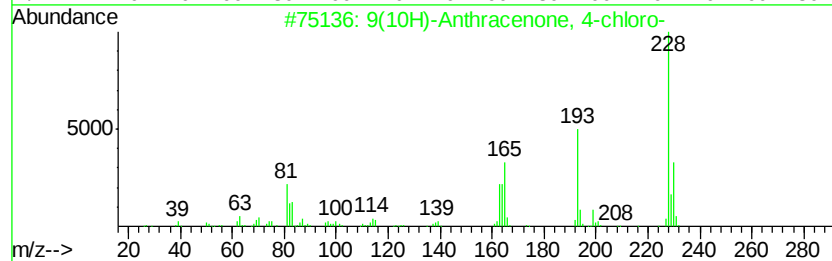
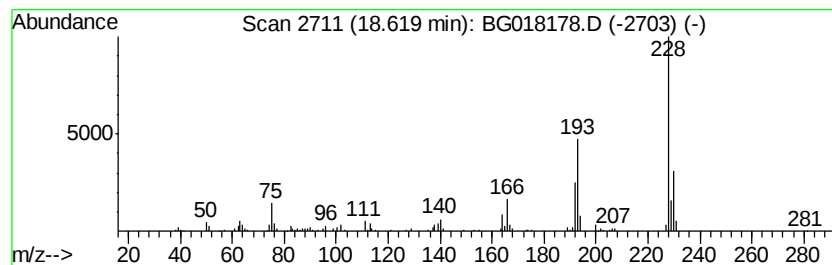
Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG071715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 9(10H)-Anthracenone, 4-chloro- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.62	3.70 ng	112701	Phenanthrene-d10	16.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9(10H)-Anthracenone, 4-chloro-	228	C14H9ClO	004888-02-2	72
2		8-Chloro-1-methylphenazine	228	C13H9ClN2	029453-82-5	50
3		2,7-Naphthalenediol, 1,8-dichloro-	228	C10H6Cl2O2	003024-25-7	42
4		Imidazo[1,2-a]pyridine, 5-chloro...	228	C13H9ClN2	1000262-63-4	40
5		Benzo[b]naphtho[e](1-oxoindano)[...]	358	C27H18O	1000193-97-9	38



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073015\
Data File : BG018178.D
Acq On : 30 Jul 2015 17:36
Operator : TP/UM
Sample : G3130-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-3

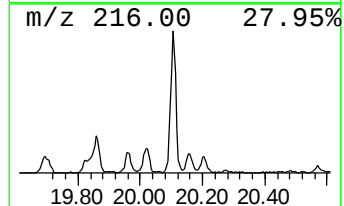
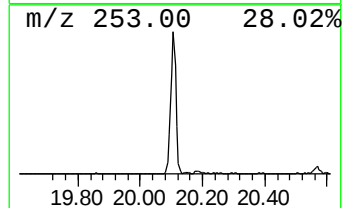
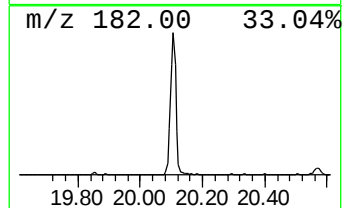
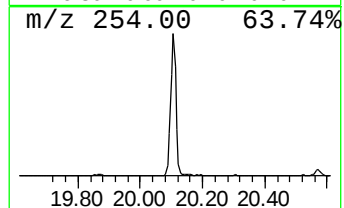
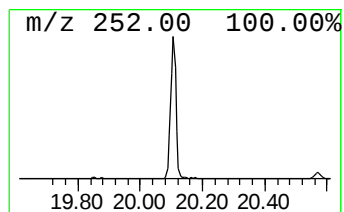
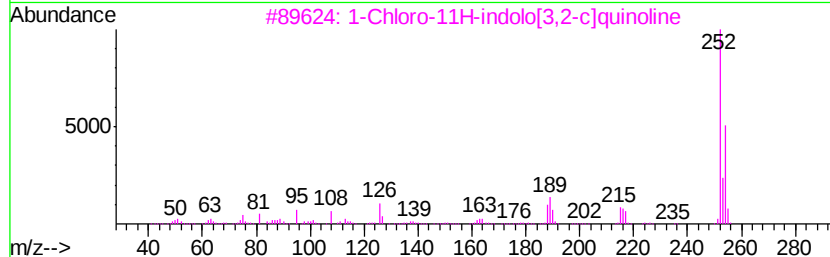
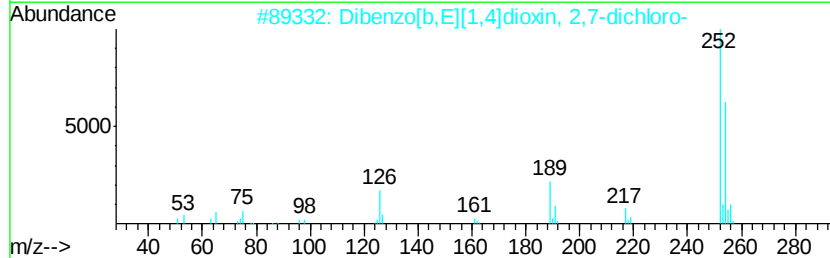
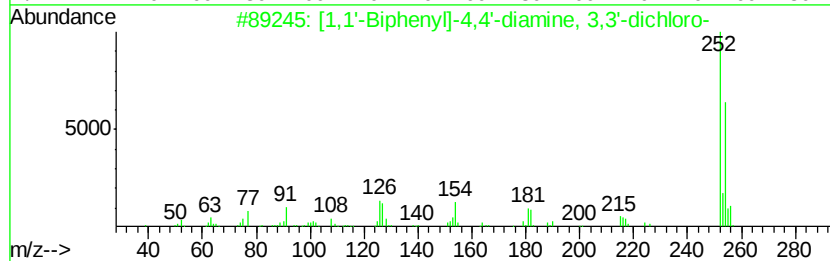
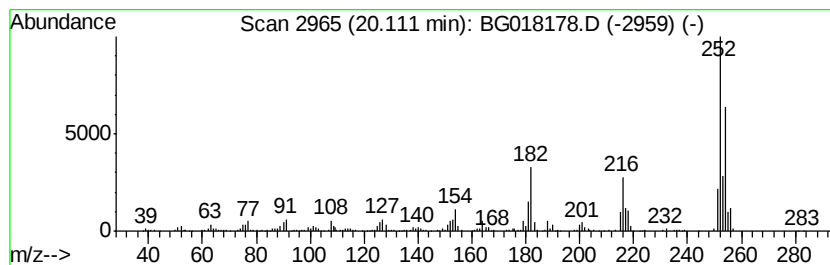
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 [1,1'-Biphenyl]-4,4'-diamin... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.11	10.31 ng	488294	Chrysene-d12	21.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	[1,1'-Biphenyl]-4,4'-diamine, 3,...	252	C12H10Cl2N2	000091-94-1	83
2		Dibenzo[b,E][1,4]dioxin, 2,7-dic...	252	C12H6Cl2O2	033857-26-0	64
3		1-Chloro-11H-indolo[3,2-c]quinoline	252	C15H9ClN2	155249-51-7	58
4		Dibenzo[b,e][1,4]dioxin, 2,3-dic...	252	C12H6Cl2O2	029446-15-9	53
5		8-Chloro-11H-indolo[3,2-c]quinoline	252	C15H9ClN2	155249-69-7	37



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073015\
Data File : BG018178.D
Acq On : 30 Jul 2015 17:36
Operator : TP/UM
Sample : G3130-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-3

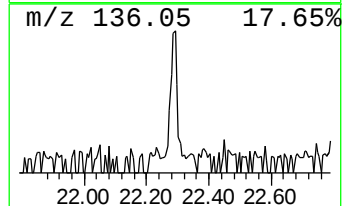
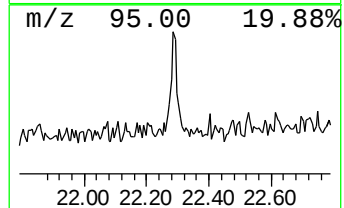
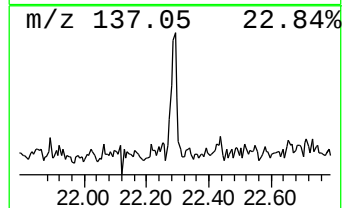
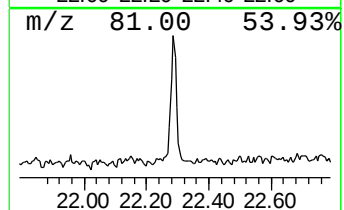
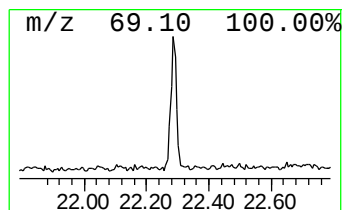
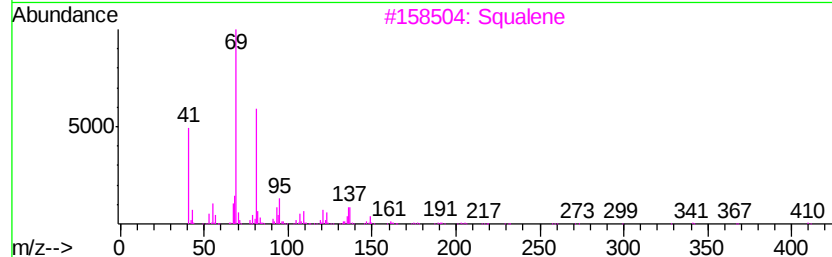
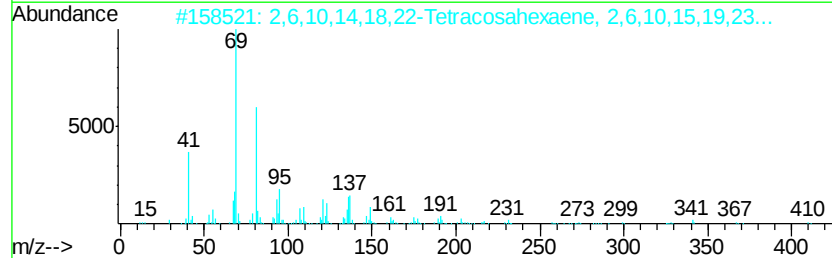
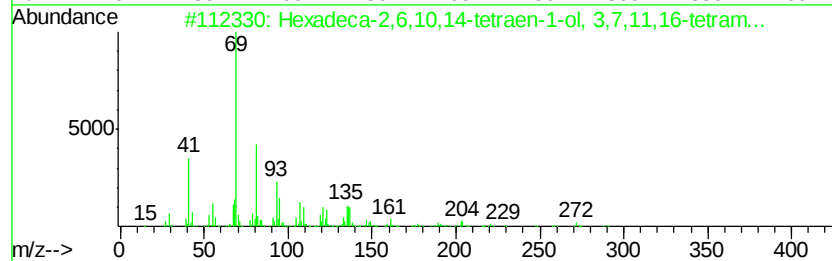
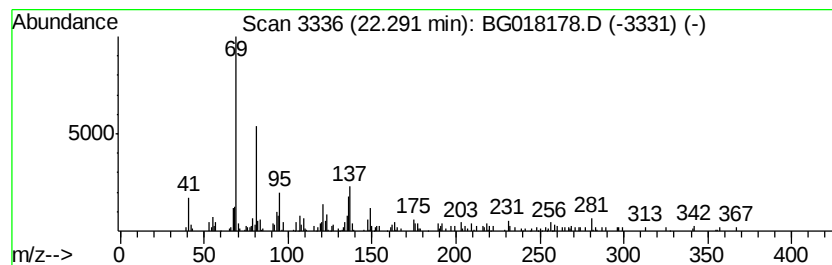
Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG071715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Hexadeca-2,6,10,14-tetraen-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.29	2.63 ng	74982	Perylene-d12	23.31

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadeca-2,6,10,14-tetraen-1-ol, ...	290	C20H34O	007614-21-3	91
2			2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	87
3			Squalene	410	C30H50	007683-64-9	86
4			Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	78
5			6,10,14-Hexadecatrienoic acid, 3...	320	C21H36O2	036237-72-6	78



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073015\
Data File : BG018178.D
Acq On : 30 Jul 2015 17:36
Operator : TP/UM
Sample : G3130-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-3

Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG071715.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...	4.63	30.0	ng	327469	1	7.49	218016	20.0
unknown7.03	7.03	66.7	ng	727506	1	7.49	218016	20.0
Benzenethiol, 2,5...	12.16	7.9	ng	133747	2	10.28	339248	20.0
n-Hexadecanoic acid	17.84	3.1	ng	95773	4	16.92	609328	20.0
Bis-(4-chloro-phe...	18.52	17.5	ng	532326	4	16.92	609328	20.0
9(10H)-Anthraceno...	18.62	3.7	ng	112701	4	16.92	609328	20.0
[1,1'-Biphenyl]-4...	20.11	10.3	ng	488294	5	21.13	946892	20.0
Hexadeca-2,6,10,1...	22.29	2.6	ng	74982	6	23.31	569221	20.0