

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092215\
 Data File : BG018839.D
 Acq On : 23 Sep 2015 5:25
 Operator : UM/NP
 Sample : G3758-20
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JHAA9

Manual Integrations
 APPROVED

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 9/23/2015 4:36:45 PM

Quant Time: Sep 23 07:43:57 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 23 07:13:57 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	56801	20.00	ng/ul	0.00
18) Naphthalene-d8	10.80	136	252098	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.63	164	169292	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.37	188	419829	20.00	ng/ul	0.00
78) Chrysene-d12	21.62	240	460622	20.00	ng/ul	0.00
86) Perylene-d12	24.81	264	466957	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.44	96	2905	2.46	ng/uL	0.00
5) Phenol-d5	7.16	99	78787	16.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.32	67	45456	16.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.53	132	62294	17.63	ng/ul	0.00
13) 4-Methylphenol-d8	8.70	113	55672	14.71	ng/ul	0.00
19) Nitrobenzene-d5	9.16	128	30626	16.04	ng/ul	0.00
22) 2-Nitrophenol-d4	9.88	143	33110	17.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.42	165	66922	16.55	ng/ul	0.00
29) 4-Chloroaniline-d4	10.94	131	72795	15.47	ng/ul	0.00
44) Dimethylphthalate-d6	14.03	166	218470	16.04	ng/ul	0.00
47) Acenaphthylene-d8	14.32	160	269124	16.67	ng/ul	0.00
52) 4-Nitrophenol-d4	14.83	143	31980	12.23	ng/ul	0.00
58) Fluorene-d10	15.61	176	193781	16.27	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.72	200	14150	7.12	ng/ul	0.00
71) Anthracene-d10	17.46	188	310270	16.79	ng/ul	0.00
79) Pyrene-d10	19.75	212	329040	15.53	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.59	264	324013	14.26	ng/ul	0.00

Target Compounds

						Qvalue
14) Acetophenone	8.82	105	11566	2.01	ng/ul#	81
45) Dimethylphthalate	14.07	163	125832	9.53	ng/ul	96
85) Chrysene	21.67	228	37849	1.61	ng/ul	95
88) Benzo(b)fluoranthene	23.79	252	33807	1.28	ng/ul#	87
91) Benzo(a)pyrene	24.66	252	33858	1.35	ng/ul#	91
92) Indeno(1,2,3-cd)pyrene	28.42	276	32127m	1.10	ng/ul	
94) Benzo(g,h,i)perylene	29.56	276	28258m	1.16	ng/ul	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

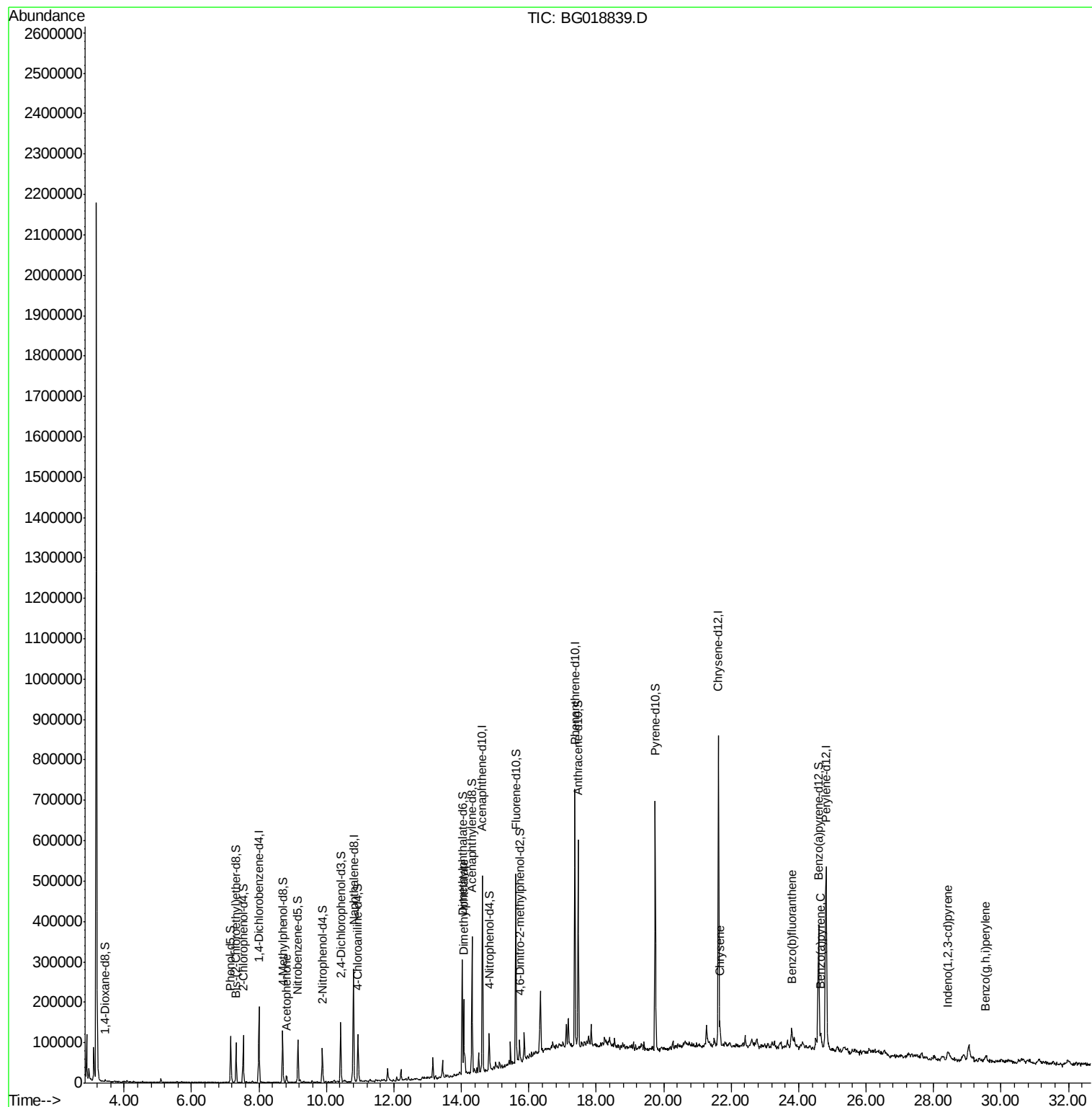
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092215\
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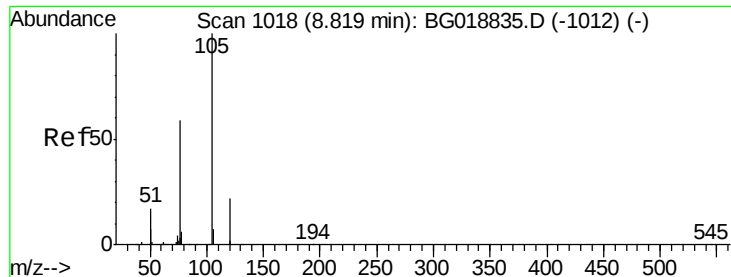
Instrument :
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Quant Time: Sep 23 07:43:57 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 23 07:13:57 2015
Response via : Initial Calibration





#14

Acetophenone

Concen: 2.01 ng/ul

RT: 8.82 min Scan# 1017

Delta R.T. -0.00 min

Lab File: BG018839.D

Acq: 23 Sep 2015 5:25

Instrument :

BNA_G

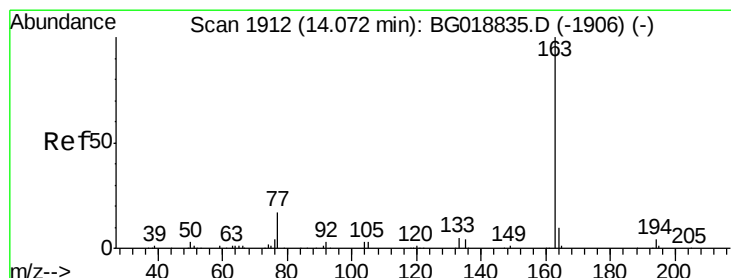
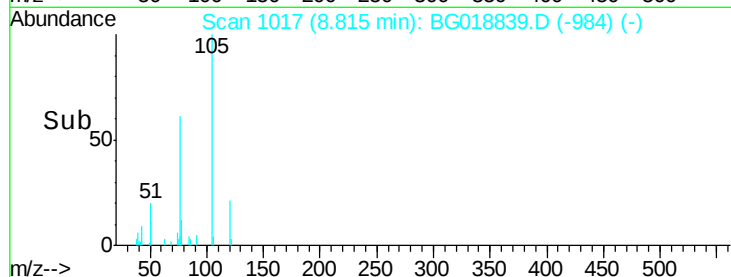
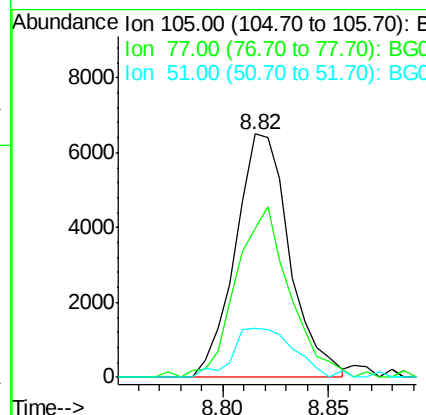
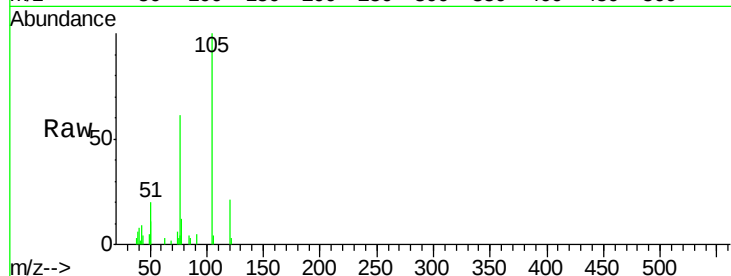
ClientSampleId :

JHAA9

Tgt	Ion:105	Resp:	11566
Ion	Ratio	Lower	Upper
105	100		
77	61.3	61.9	92.9#
51	20.0	25.5	38.3#

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#45

Dimethylphthalate

Concen: 9.53 ng/ul

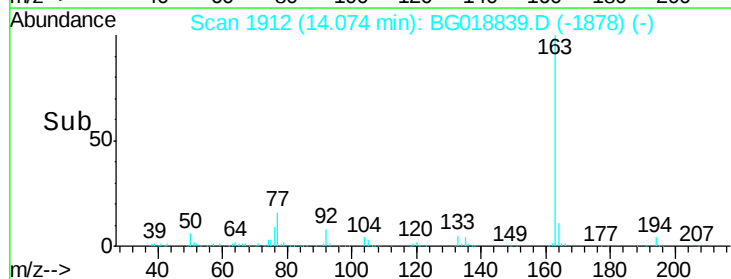
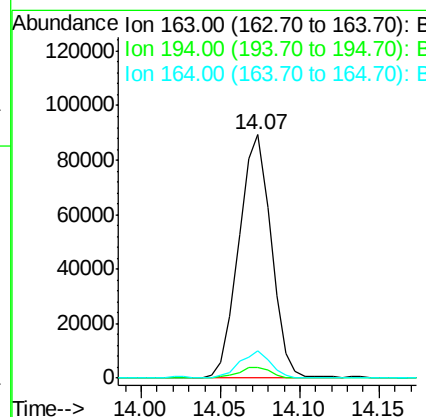
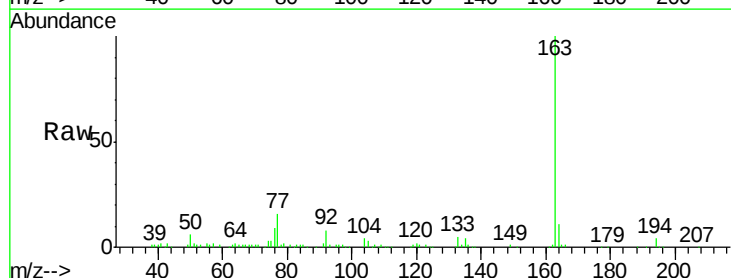
RT: 14.07 min Scan# 1912

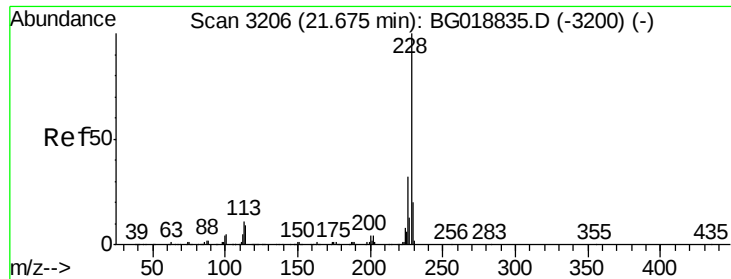
Delta R.T. 0.00 min

Lab File: BG018839.D

Acq: 23 Sep 2015 5:25

Tgt	Ion:163	Resp:	125832
Ion	Ratio	Lower	Upper
163	100		
194	4.3	2.9	4.3
164	11.2	7.7	11.5





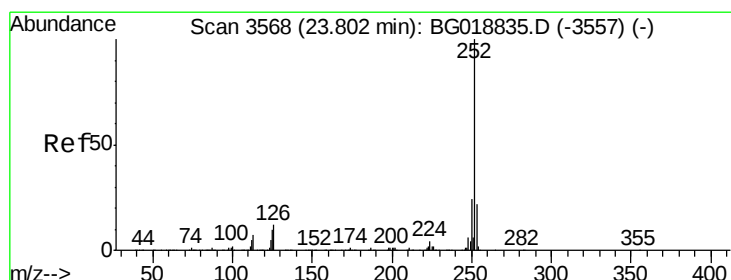
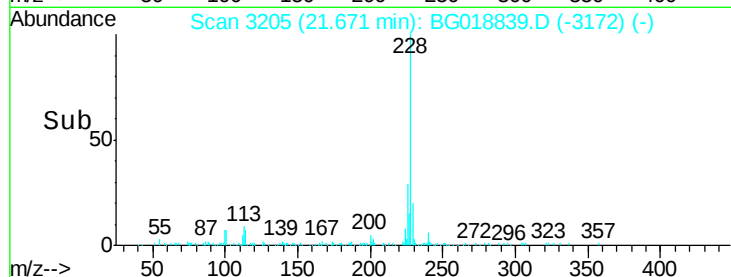
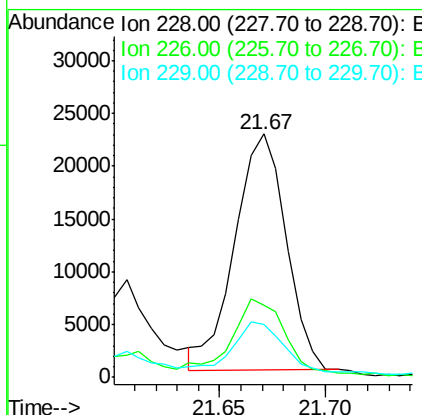
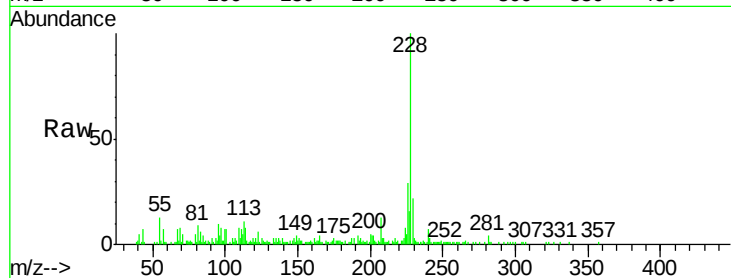
#85
Chrysene
Concen: 1.61 ng/ul
RT: 21.67 min Scan# 3205
Delta R.T. -0.00 min
Lab File: BG018839.D
Acq: 23 Sep 2015 5:25

Instrument :
BNA_G
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Tgt Ion	Ratio	Resp	Lower	Upper
228	100	37849		
226	29.5		26.5	39.7
229	21.9		16.9	25.3

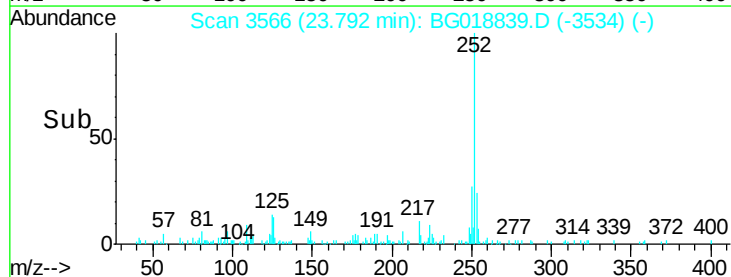
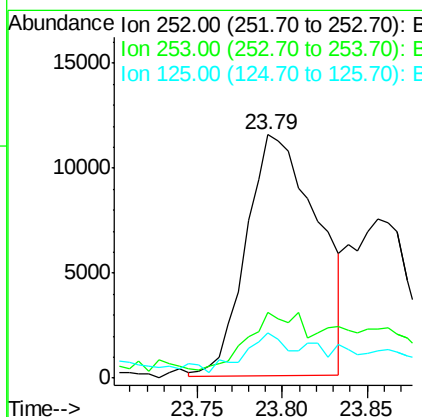
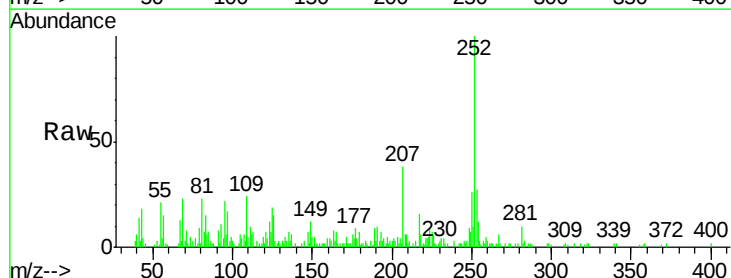
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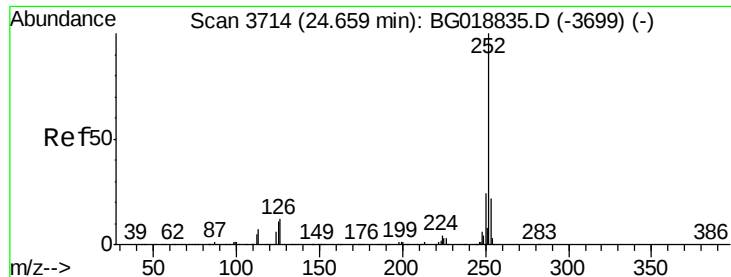
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#88
Benzo(b)fluoranthene
Concen: 1.28 ng/ul
RT: 23.79 min Scan# 3566
Delta R.T. -0.01 min
Lab File: BG018839.D
Acq: 23 Sep 2015 5:25

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	33807		
253	26.8		18.1	27.1
125	18.7		8.3	12.5#





#91

Benzo(a)pyrene

Concen: 1.35 ng/ul

RT: 24.66 min Scan# 3714

Delta R.T. 0.00 min

Lab File: BG018839.D

Acq: 23 Sep 2015 5:25

Instrument :

BNA_G

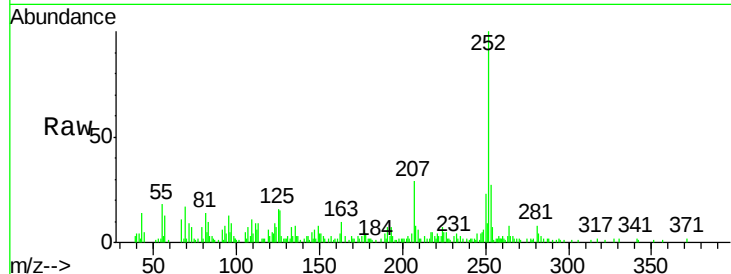
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JHAA9

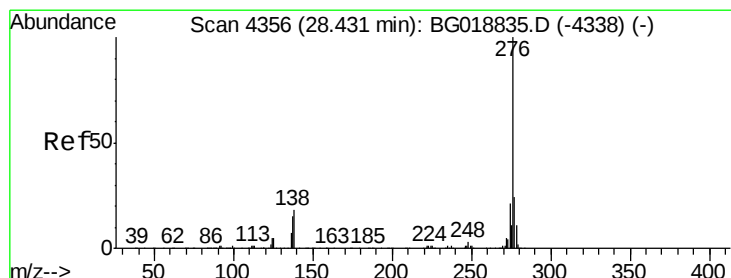
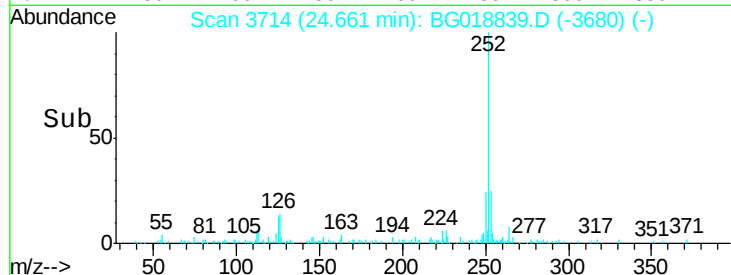
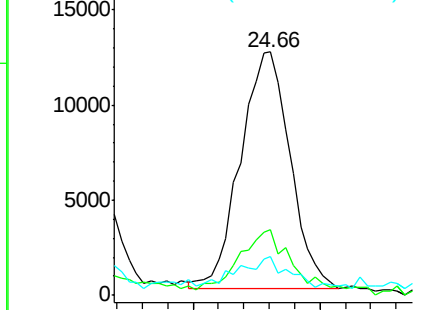
Tgt Ion	Ratio	Resp	Lower	Upper
252	100	33858		
253	27.1	17.7	26.5#	
125	15.7	10.2	15.2#	

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#92

Indeno(1,2,3-cd)pyrene

Concen: 1.10 ng/ul m

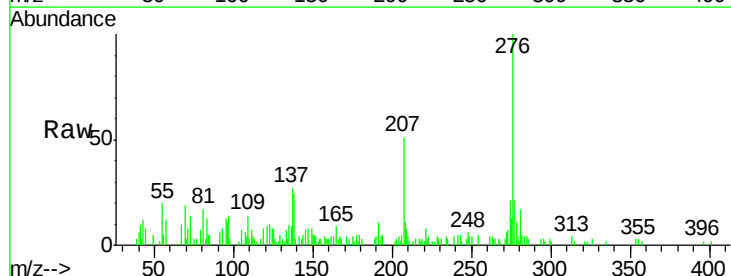
RT: 28.42 min Scan# 4354

Delta R.T. -0.01 min

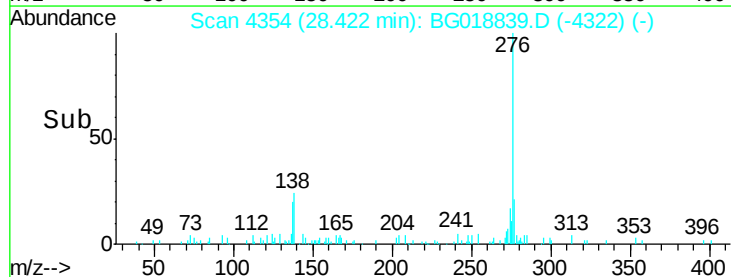
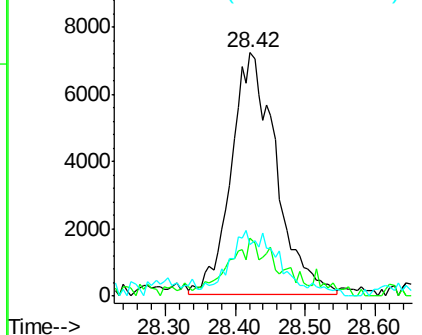
Lab File: BG018839.D

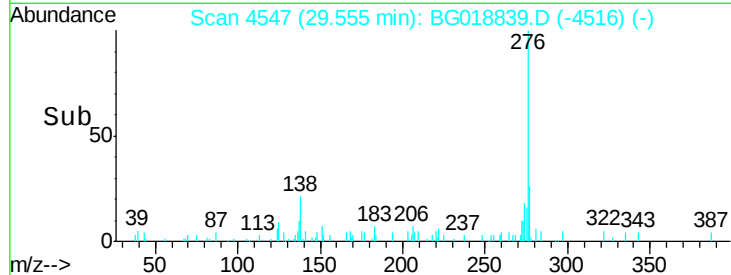
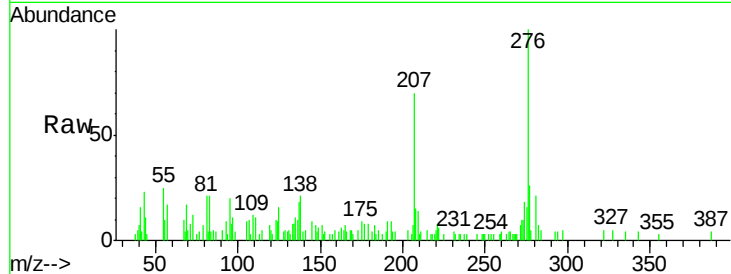
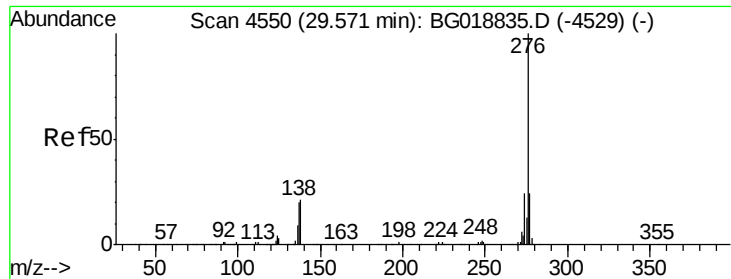
Acq: 23 Sep 2015 5:25

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	32127		
138	23.8	15.8	23.6#	
277	21.3	18.9	28.3	



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#94

Benzo(g,h,i)perylene

Concen: 1.16 ng/ul m

RT: 29.56 min Scan# 4547

Delta R.T. -0.02 min

Lab File: BG018839.D

Acq: 23 Sep 2015 5:25

Instrument :

BNA_G

ClientSampleId :

JHAA9

Tgt Ion:	276	Resp:	28258
Ion Ratio	Lower	Upper	
276	100		
138	20.5	16.5	24.7
277	26.3	19.0	28.6

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