

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052316\
 Data File : BG022051.D
 Acq On : 23 May 2016 17:57
 Operator : UM/SJ
 Sample : H3124-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JHGG1

Manual Integrations
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Quant Time: May 24 07:59:21 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 24 07:40:24 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	37861	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	201990	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	113273	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	208397	20.00	ng/ul	0.00
75) Chrysene-d12	21.82	240	178409	20.00	ng/ul	0.00
83) Perylene-d12	25.15	264	169990	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.54	96	3042	4.19	ng/uL	0.00
5) Phenol-d5	7.31	99	72082	21.07	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	38280	21.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	62140	21.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	61936	21.35	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	29896	20.07	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	35279	21.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	58074	20.40	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	71787	23.15	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	190051	22.34	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	254484	21.42	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	21128m	14.42	ng/ul	0.00
57) Fluorene-d10	15.78	176	162183	20.36	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.89	200	15982	14.67	ng/ul	0.00
70) Anthracene-d10	17.63	188	218325	21.83	ng/ul	0.00
76) Pyrene-d10	19.91	212	216799	21.55	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.92	264	182459	23.13	ng/ul	0.00

Target Compounds

					Qvalue
44) Dimethylphthalate	14.23	163	29542	3.46 ng/ul	99
69) Phenanthrene	17.57	178	13960	1.20 ng/ul#	89
74) Fluoranthene	19.57	202	56647	4.78 ng/ul	98
77) Pyrene	19.94	202	75955	6.05 ng/ul	97
80) Benzo(a)anthracene	21.79	228	38868	3.71 ng/ul	94
82) Chrysene	21.86	228	38083	3.79 ng/ul	95
85) Benzo(b)fluoranthene	24.09	252	44761	4.50 ng/ul#	97
86) Benzo(k)fluoranthene	24.12	252	33570m	3.47 ng/ul	
88) Benzo(a)pyrene	24.99	252	47152	4.91 ng/ul	97
89) Indeno(1,2,3-cd)pyrene	28.97	276	27680m	2.52 ng/ul	
91) Benzo(g,h,i)perylene	30.16	276	22303m	2.53 ng/ul	

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

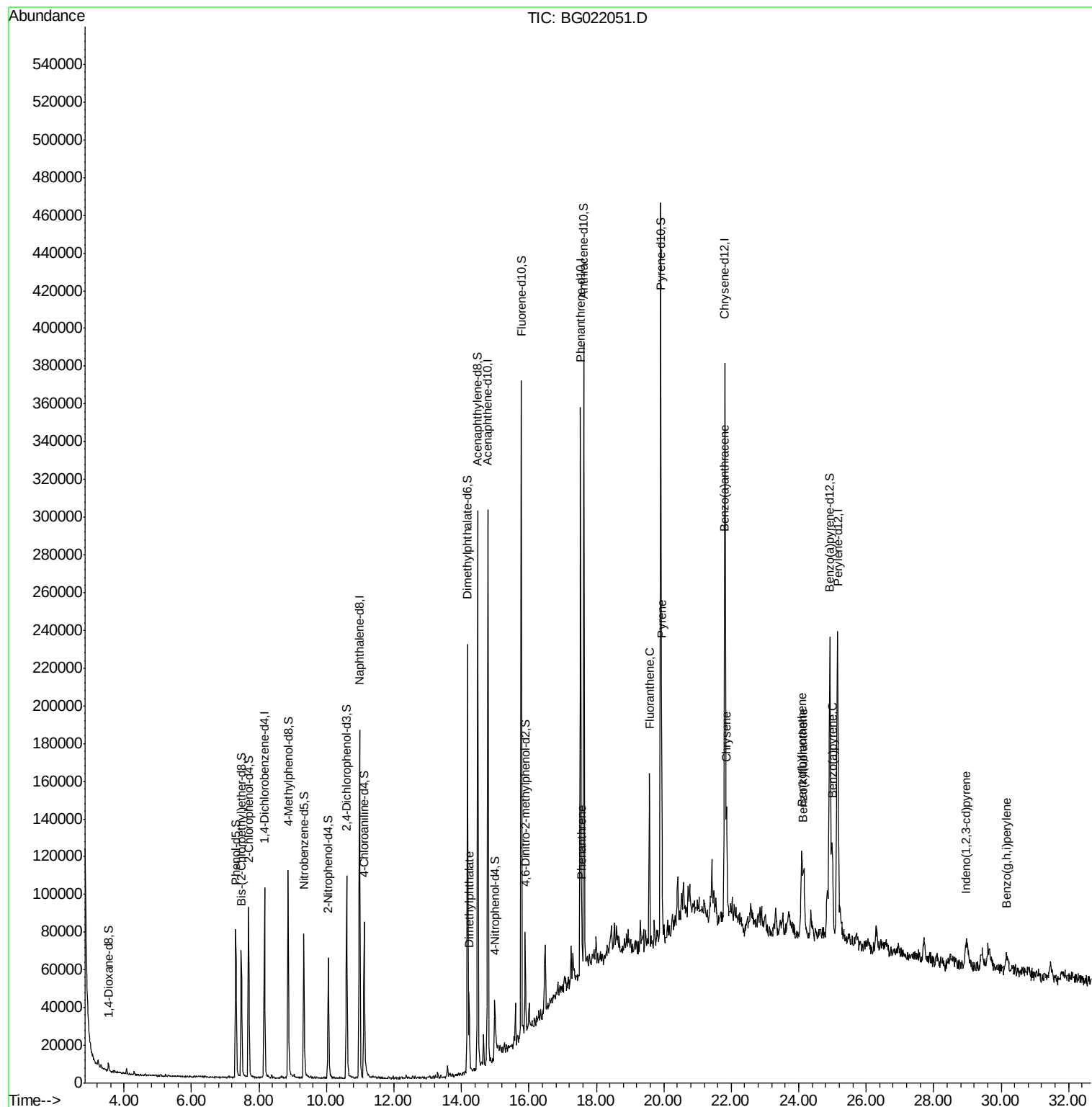
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052316\
Data File : BG022051.D
Acq On : 23 May 2016 17:57
Operator : UM/SJ
Sample : H3124-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

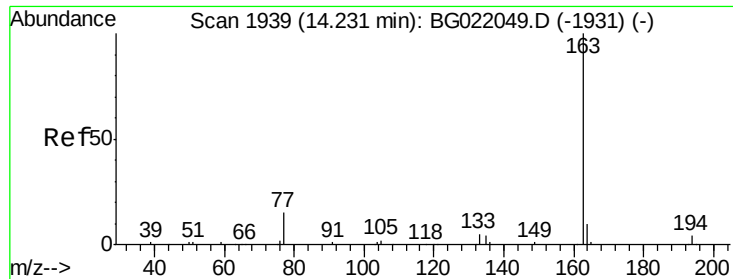
Instrument :
BNA_G
ClientSampleId :
JHGG1

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Quant Time: May 24 07:59:21 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





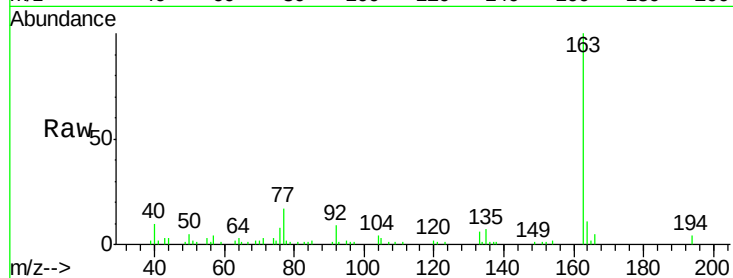
#44
Dimethylphthalate
Concen: 3.46 ng/ul
RT: 14.23 min Scan# 1938
Delta R.T. -0.00 min
Lab File: BG022051.D
Acq: 23 May 2016 17:57

Instrument :
BNA_G
ClientSampleId :
JHGG1

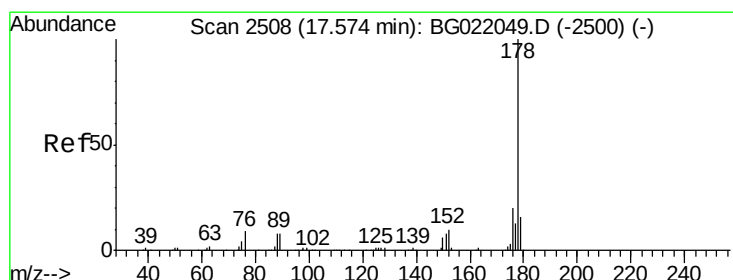
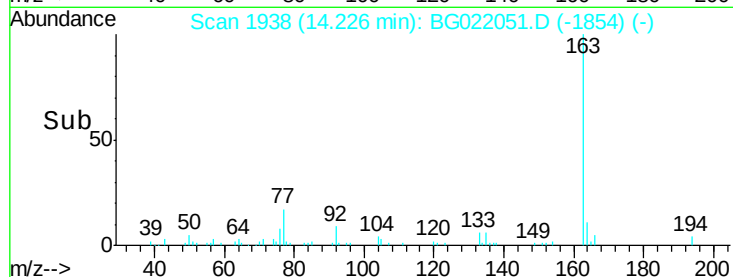
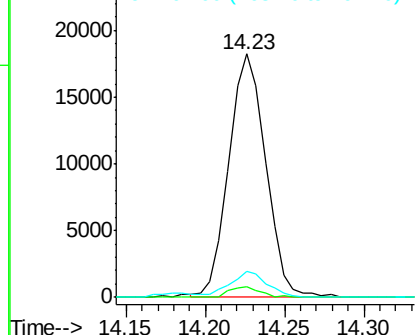
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	29542		
194	4.2		3.4	5.2
164	10.6		8.8	13.2

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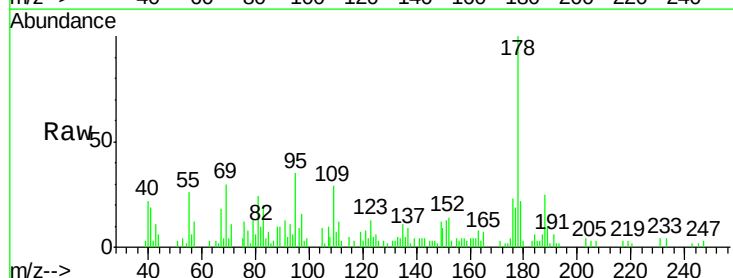


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

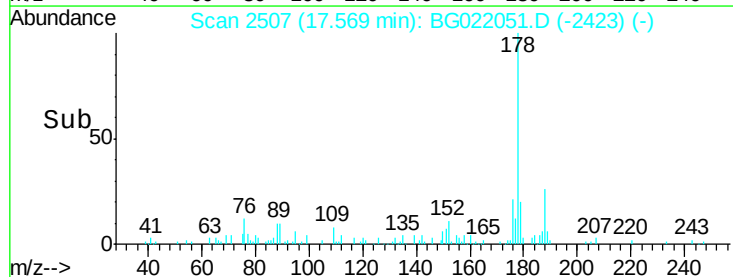
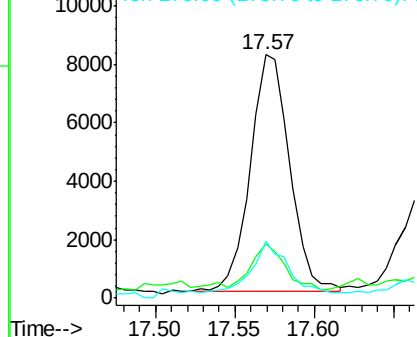


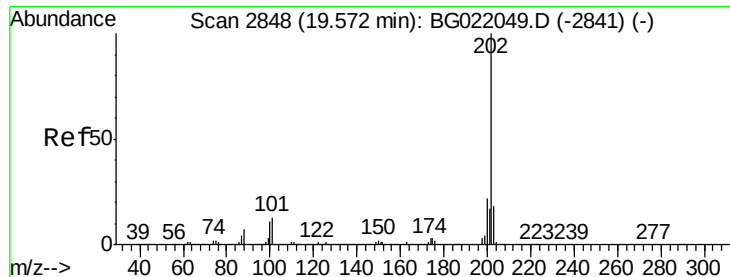
#69
Phenanthrene
Concen: 1.20 ng/ul
RT: 17.57 min Scan# 2507
Delta R.T. -0.00 min
Lab File: BG022051.D
Acq: 23 May 2016 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	13960		
179	22.2		12.9	19.3#
176	23.2		15.8	23.8



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 4.78 ng/ul

RT: 19.57 min Scan# 2848

Delta R.T. 0.00 min

Lab File: BG022051.D

Acq: 23 May 2016 17:57

Instrument :

BNA_G

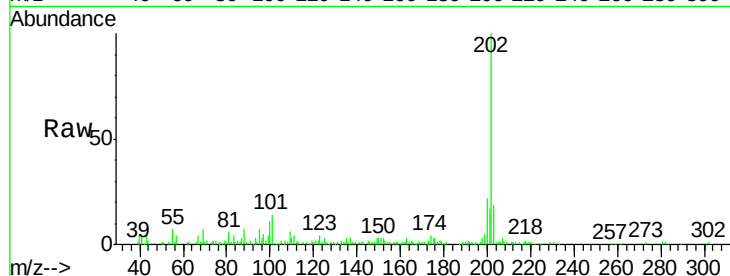
ClientSampleId :

JHGG1

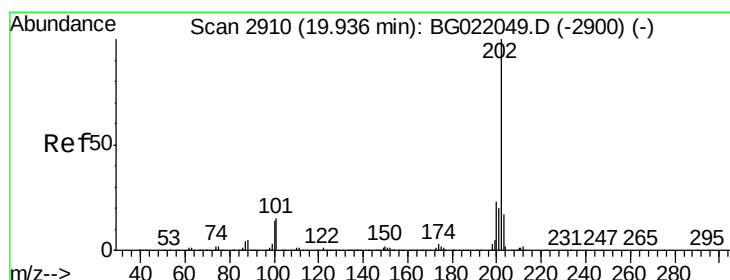
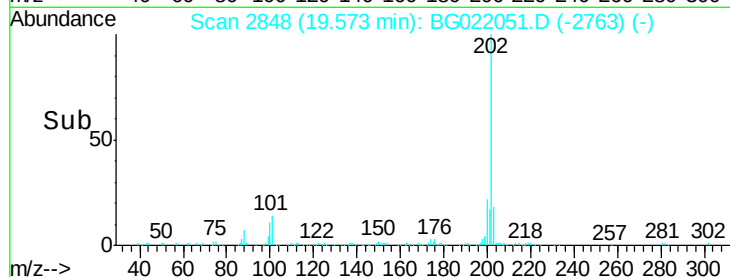
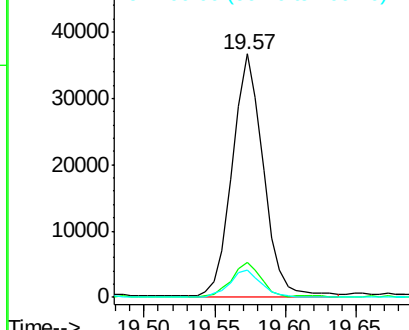
Tgt Ion:	202	Resp:	56647
Ion Ratio	Lower	Upper	
202	100		
101	14.3	10.6	16.0
100	11.4	8.7	13.1

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



#77

Pyrene

Concen: 6.05 ng/ul

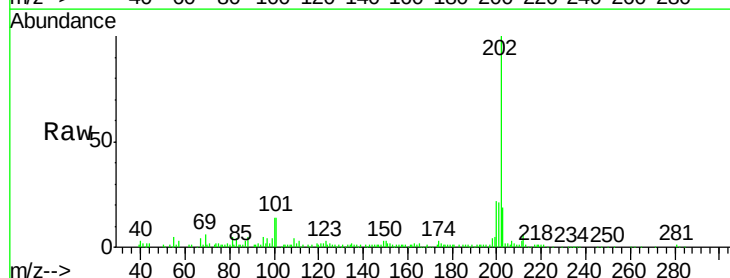
RT: 19.94 min Scan# 2910

Delta R.T. 0.00 min

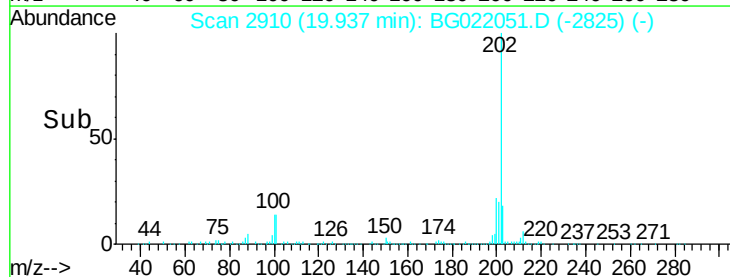
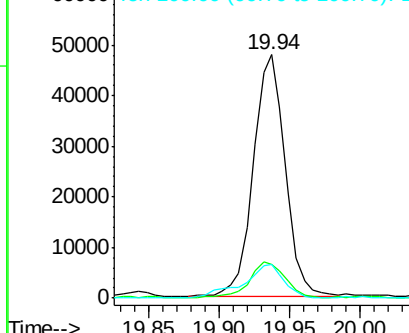
Lab File: BG022051.D

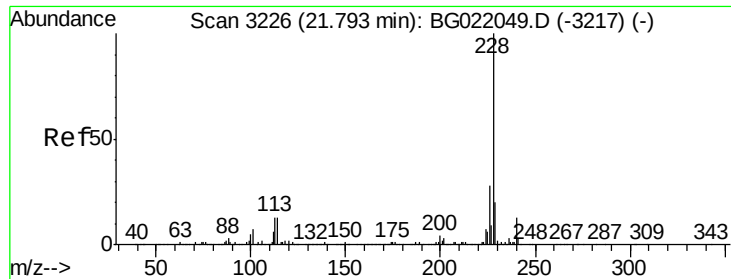
Acq: 23 May 2016 17:57

Tgt Ion:	202	Resp:	75955
Ion Ratio	Lower	Upper	
202	100		
101	14.0	12.5	18.7
100	14.0	10.2	15.4



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





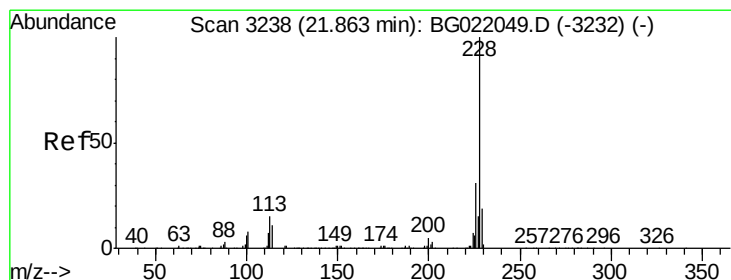
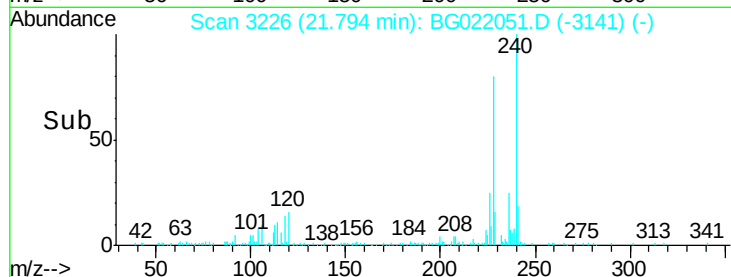
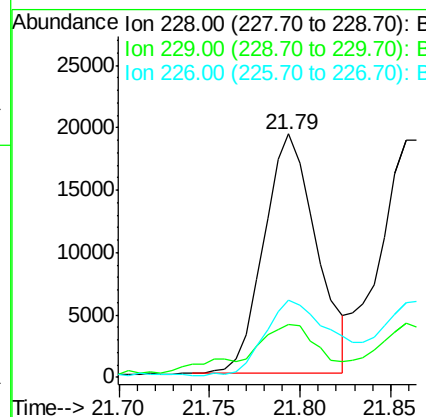
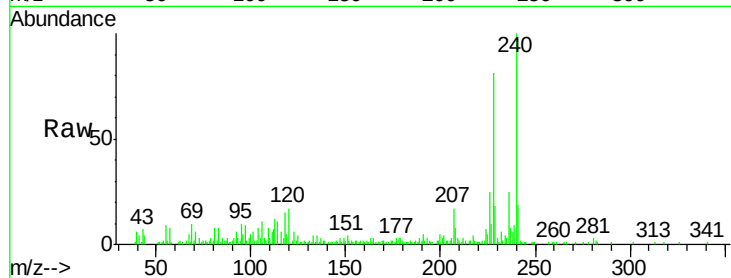
#80
Benzo(a)anthracene
Concen: 3.71 ng/ul
RT: 21.79 min Scan# 3226
Delta R.T. 0.00 min
Lab File: BG022051.D
Acq: 23 May 2016 17:57

Instrument :
BNA_G
ClientSampled :
JHGG1

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	38868		
229	21.8	15.4	23.2	
226	31.5	22.8	34.2	

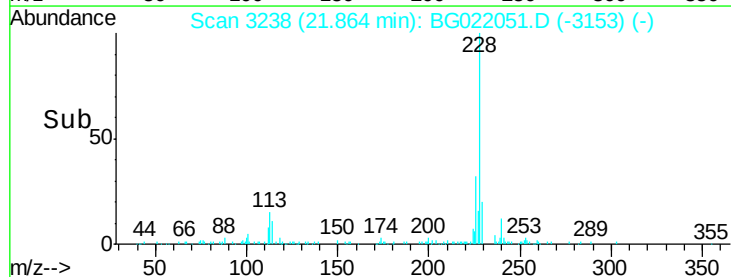
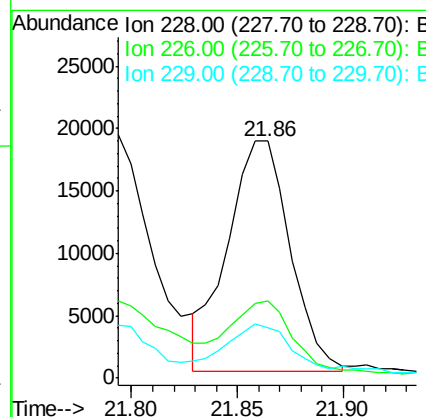
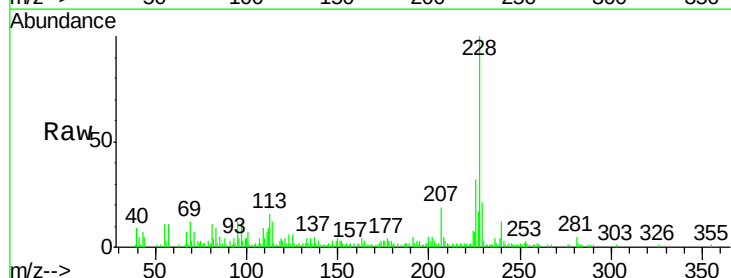
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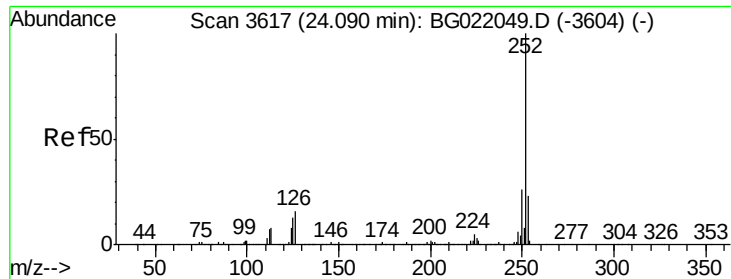
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#82
Chrysene
Concen: 3.79 ng/ul
RT: 21.86 min Scan# 3238
Delta R.T. 0.00 min
Lab File: BG022051.D
Acq: 23 May 2016 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	38083		
226	32.4	24.2	36.4	
229	21.5	15.0	22.6	





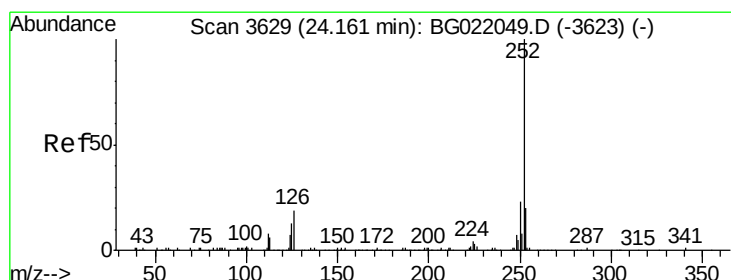
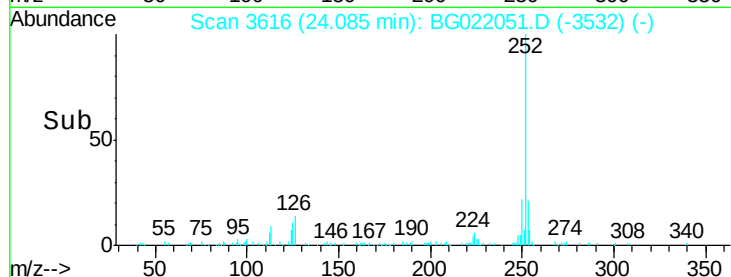
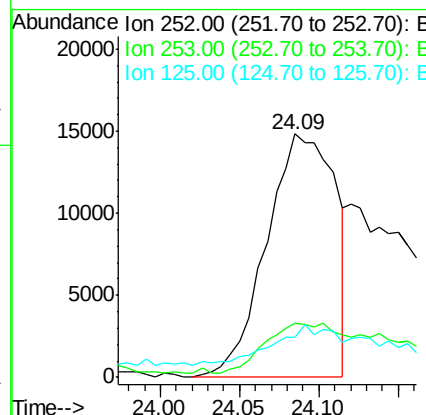
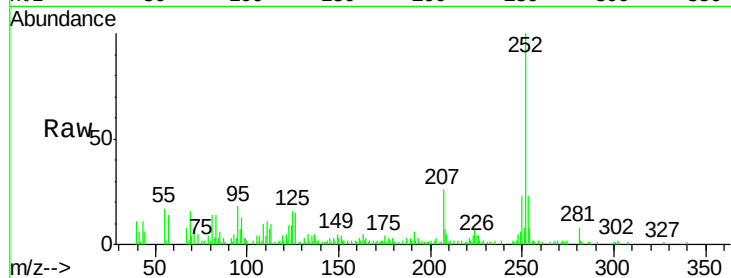
#85
Benzo(b)fluoranthene
Concen: 4.50 ng/ul
RT: 24.09 min Scan# 3616
Delta R.T. -0.00 min
Lab File: BG022051.D
Acq: 23 May 2016 17:57

Instrument :
BNA_G
ClientSampleId :
JHGG1

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.5	18.2	27.2
125	16.3	10.8	16.2

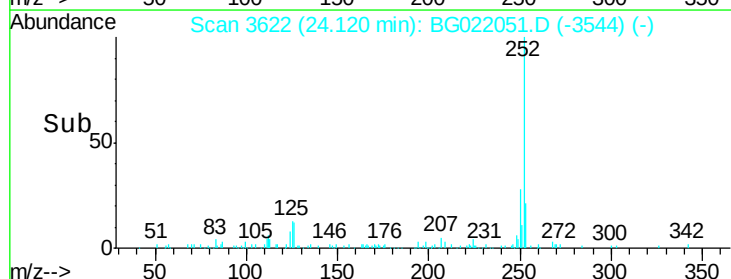
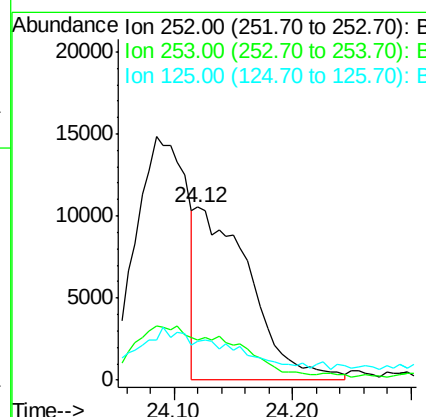
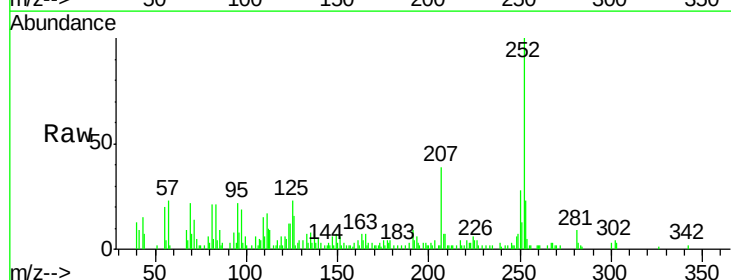
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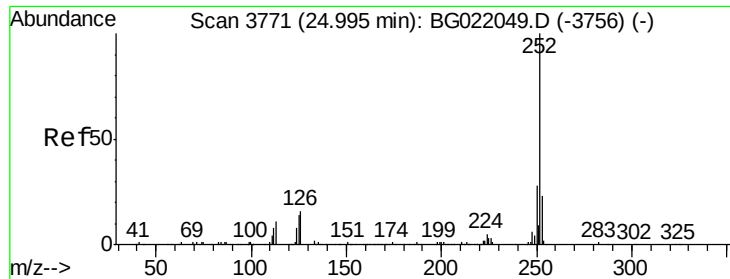
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#86
Benzo(k)fluoranthene
Concen: 3.47 ng/ul m
RT: 24.12 min Scan# 3622
Delta R.T. -0.04 min
Lab File: BG022051.D
Acq: 23 May 2016 17:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.0	15.8	23.6
125	22.6	10.6	16.0





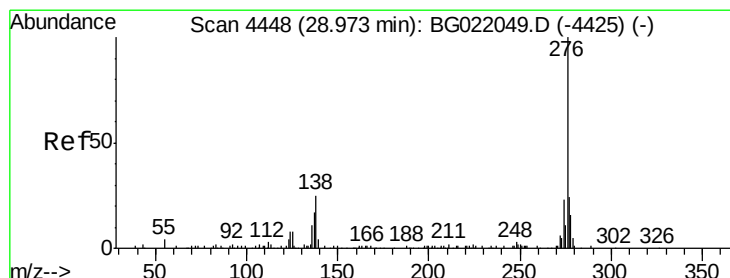
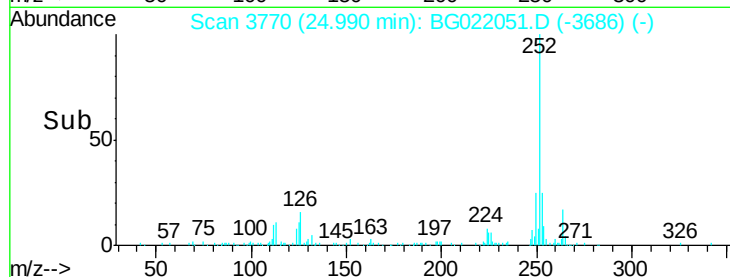
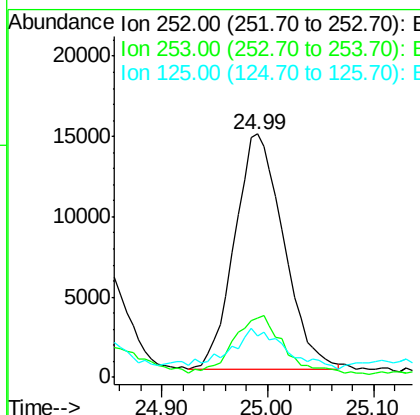
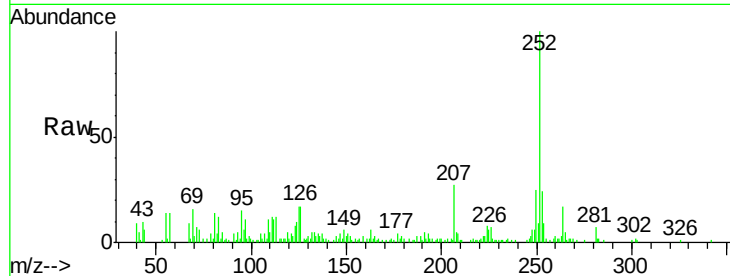
#88
Benzo(a)pyrene
Concen: 4.91 ng/ul
RT: 24.99 min Scan# 3770
Delta R.T. -0.00 min
Lab File: BG022051.D
Acq: 23 May 2016 17:57

Instrument :
BNA_G
ClientSampleId :
JHGG1

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	47152		
253	24.5	19.0	28.4	
125	17.1	12.0	18.0	

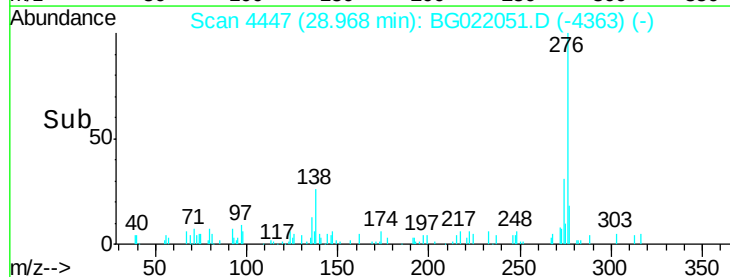
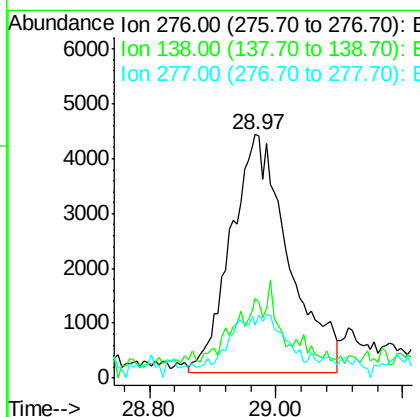
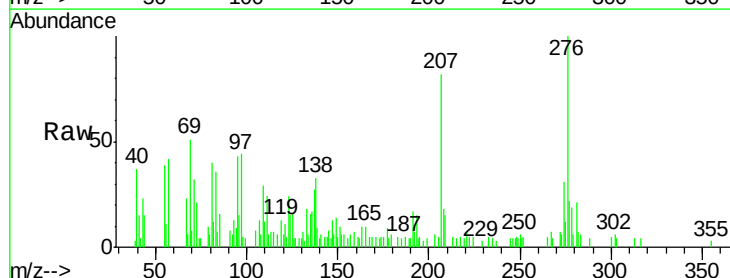
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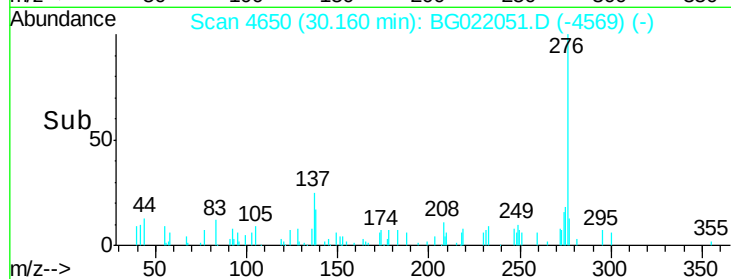
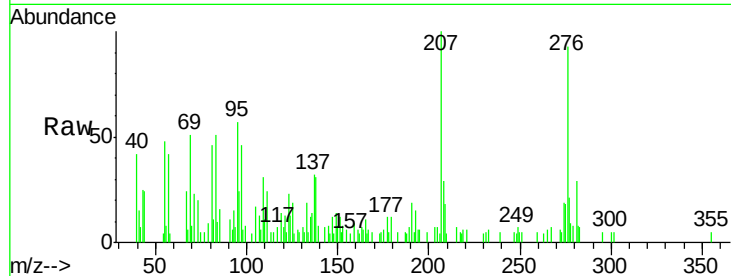
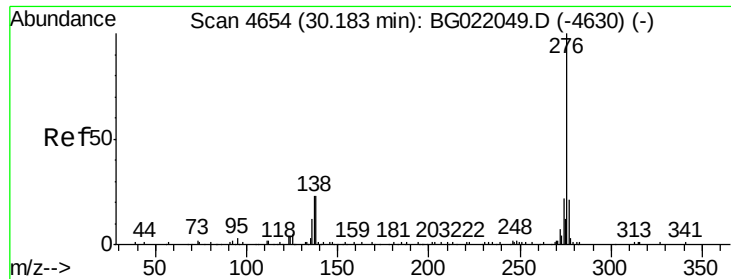
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#89
Indeno(1,2,3-cd)pyrene
Concen: 2.52 ng/ul m
RT: 28.97 min Scan# 4447
Delta R.T. -0.00 min
Lab File: BG022051.D
Acq: 23 May 2016 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	27680		
138	32.6	20.8	31.2#	
277	21.7	17.6	26.4	





#91

Benzo(g,h,i)perylene

Concen: 2.53 ng/ul m

RT: 30.16 min Scan# 4650

Delta R.T. -0.02 min

Lab File: BG022051.D

Acq: 23 May 2016 17:57

Tgt Ion:	276	Resp:	22303
Ion Ratio	Lower	Upper	
276	100		
138	33.6	22.1	33.1#
277	22.6	17.0	25.4

Instrument :

BNA_G

ClientSampleId :

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