

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052216\
 Data File : BG022031.D
 Acq On : 23 May 2016 3:26
 Operator : UM/SJ
 Sample : H3203-07
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XH0

Manual Integrations
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Quant Time: May 24 18:24:57 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG051816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 20 08:11:42 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	43531	20.00	ng/ul	0.00
7) Naphthalene-d8	10.98	136	224133	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.78	164	121760	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.53	188	232374	20.00	ng/ul	0.00
29) Chrysene-d12	21.82	240	199000	20.00	ng/ul	0.00
34) Perylene-d12	25.15	264	187873	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.54	96	1067	1.12	ng/uL	0.00
3) Phenol-d5	7.31	99	48554	12.63	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.47	67	25097	12.26	ng/ul	0.00
5) 2-Chlorophenol-d4	7.69	132	42029	13.32	ng/ul	0.00
6) 4-Methylphenol-d8	8.87	113	39612	11.57	ng/ul	0.00
8) Nitrobenzene-d5	9.34	128	21115	13.43	ng/ul	0.00
9) 2-Nitrophenol-d4	10.05	143	22036	13.13	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.60	165	39096	13.18	ng/ul	0.00
12) 4-Chloroaniline-d4	11.12	131	46594m	19.95	ng/ul	0.00
16) Dimethylphthalate-d6	14.18	166	133615	14.23	ng/ul	0.00
17) Acenaphthylene-d8	14.48	160	181763	15.03	ng/ul	0.00
20) 4-Nitrophenol-d4	14.99	143	11648m	7.05	ng/ul	0.00
21) Fluorene-d10	15.77	176	117389	13.89	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.89	200	10380	9.00	ng/ul	0.00
26) Anthracene-d10	17.63	188	157741	14.73	ng/ul	0.00
30) Pyrene-d10	19.91	212	169303	16.12	ng/ul	0.00
37) Benzo(a)pyrene-d12	24.92	264	134743	16.15	ng/ul	0.00

Target Compounds

						Qvalue
25) Phenanthrene	17.57	178	12807	1.03	ng/ul	98
28) Fluoranthene	19.57	202	24118	1.87	ng/ul	96
31) Pyrene	19.93	202	22404m	1.63	ng/ul	
32) Benzo(a)anthracene	21.79	228	11859	1.07	ng/ul	95
33) Chrysene	21.86	228	16340m	1.52	ng/ul	
35) Benzo(b)fluoranthene	24.08	252	19015	1.76	ng/ul#	92
38) Benzo(a)pyrene	24.99	252	10585	1.02	ng/ul#	83

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

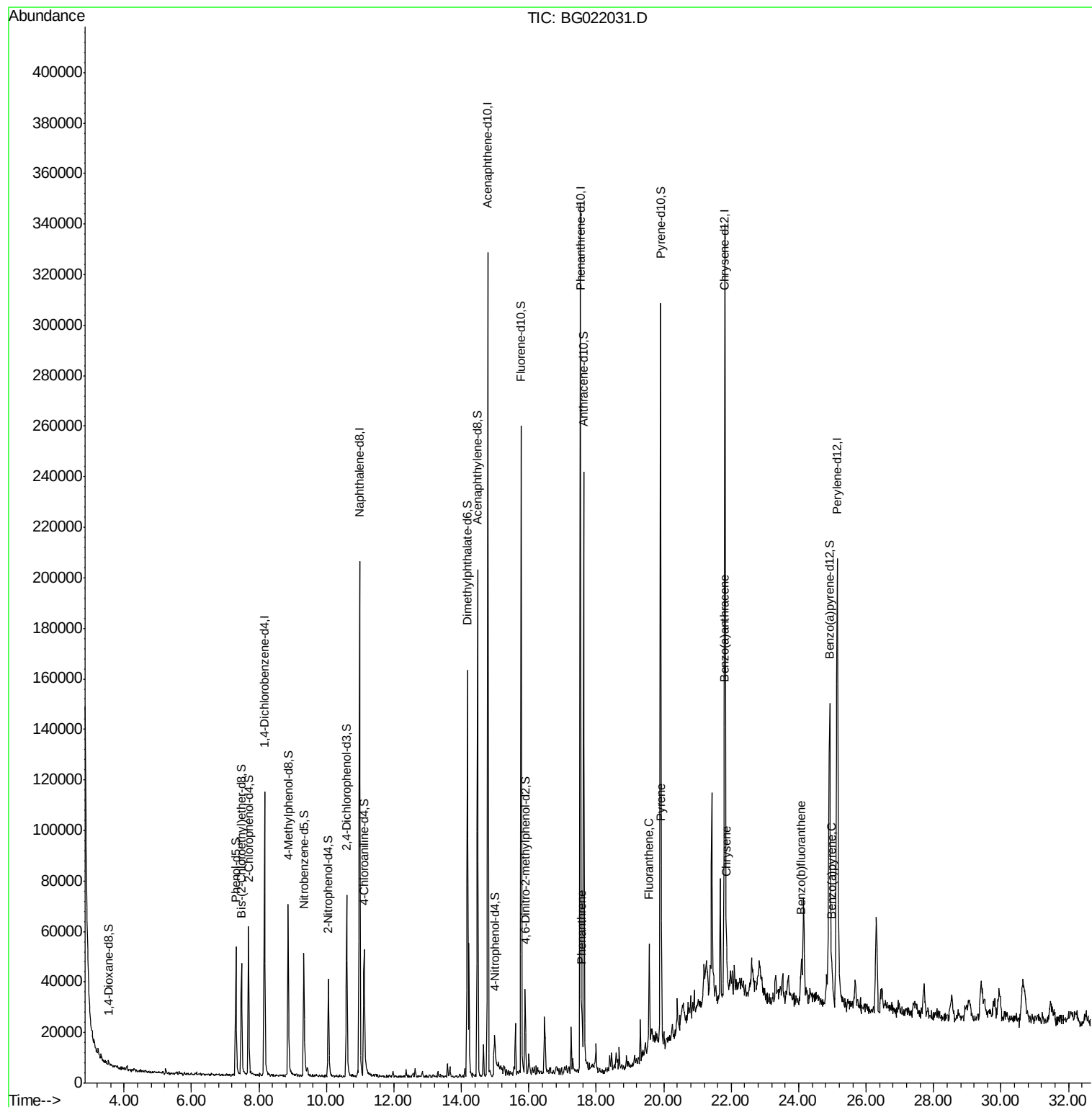
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Data File : BG022031.D
Acq On : 23 May 2016 3:26
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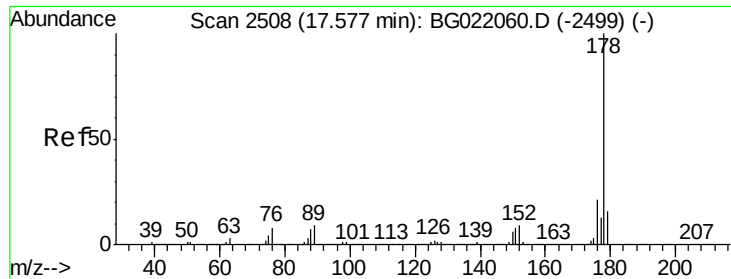
Instrument :
BNA_G
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Quant Time: May 24 18:24:57 2016
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Quant Title : SVOA CALIBRATION
QLast Update : Fri May 20 08:11:42 2016
Response via : Initial Calibration





#25

Phenanthrene

Concen: 1.03 ng/ul

RT: 17.57 min Scan# 2507

Delta R.T. -0.00 min

Lab File: BG022031.D

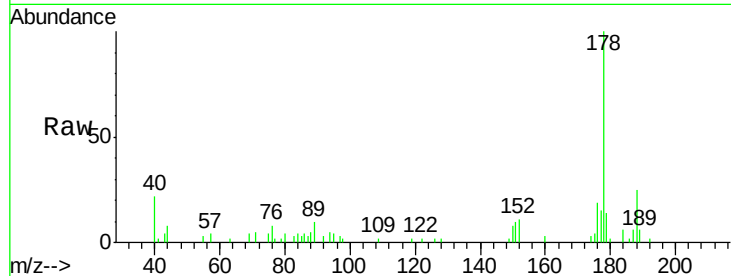
Acq: 23 May 2016 3:26

Instrument :

BNA_G

ClientSampled :

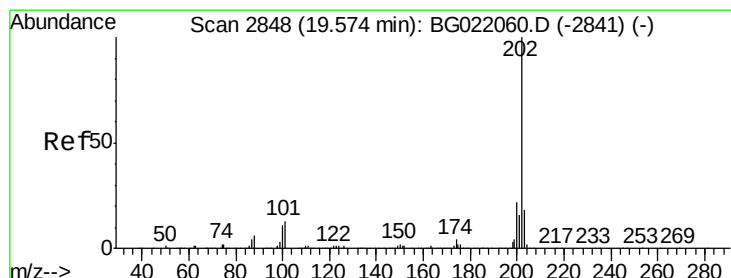
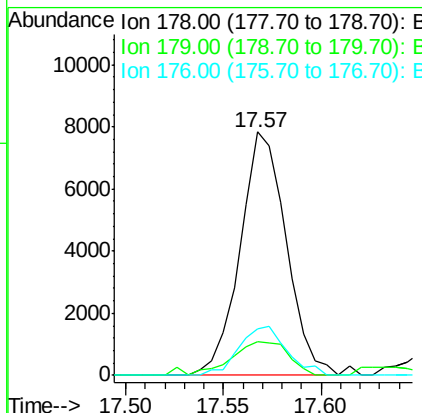
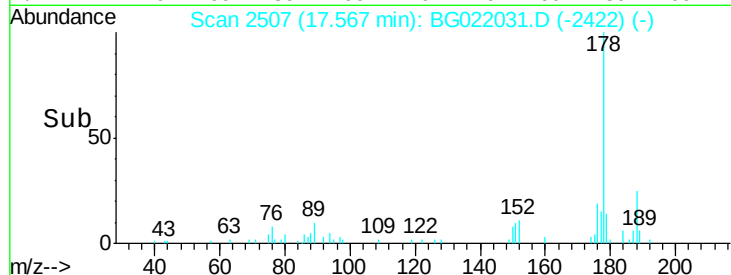
D9XH0



Tgt Ion	Ratio	Lower	Upper
178	100		
179	13.8	11.8	17.8
176	18.8	14.8	22.2

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#28

Fluoranthene

Concen: 1.87 ng/ul

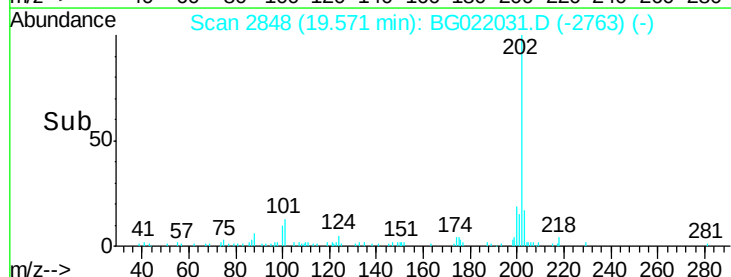
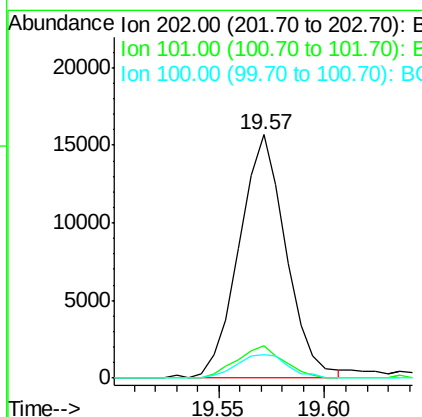
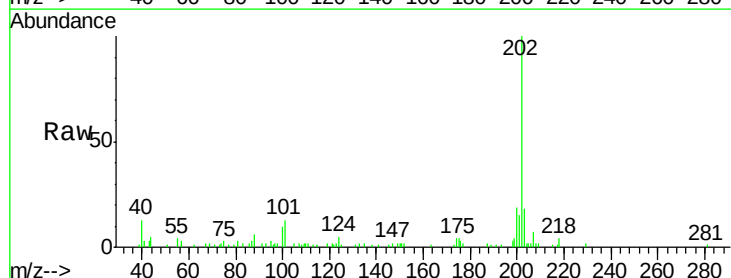
RT: 19.57 min Scan# 2848

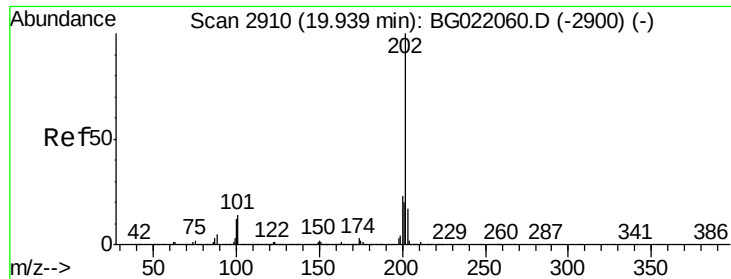
Delta R.T. -0.00 min

Lab File: BG022031.D

Acq: 23 May 2016 3:26

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.2	8.9	13.3
100	9.6	7.0	10.4





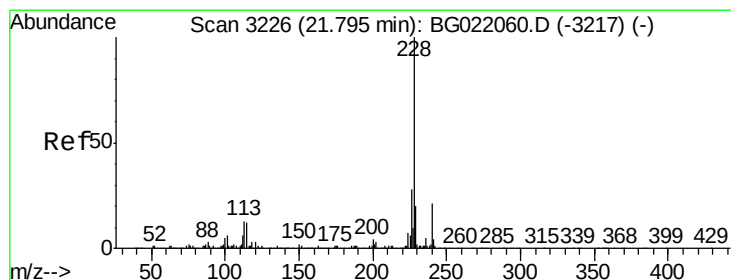
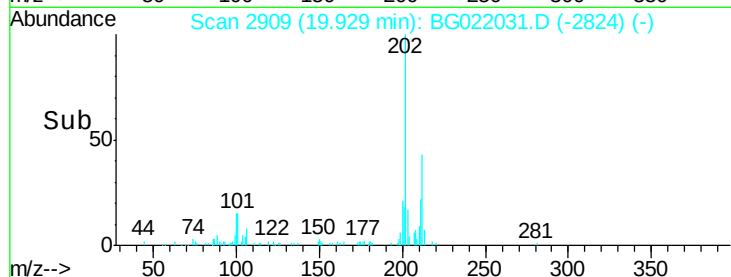
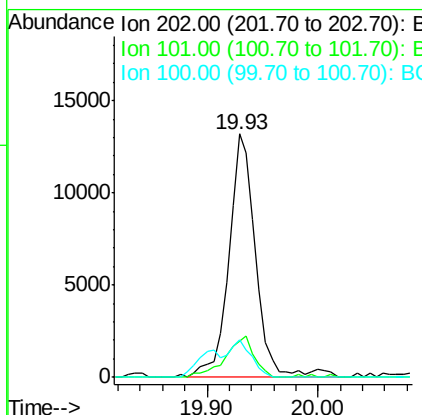
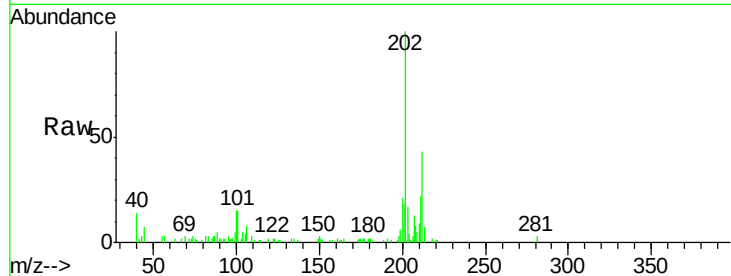
#31
 Pyrene
 Concen: 1.63 ng/ul m
 RT: 19.93 min Scan# 2909
 Delta R.T. -0.00 min
 Lab File: BG022031.D
 Acq: 23 May 2016 3:26

Instrument :
 BNA_G
 ClientSampleId :
 D9XH0

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	15.0	9.8	14.8#
100	15.2	9.3	13.9#

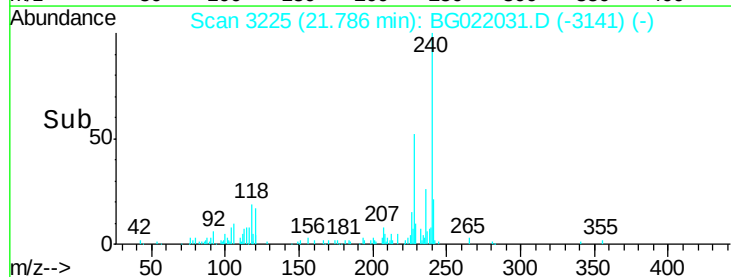
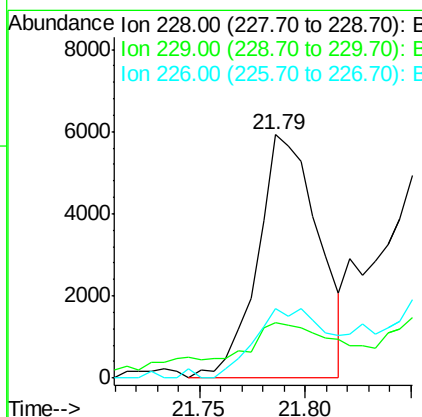
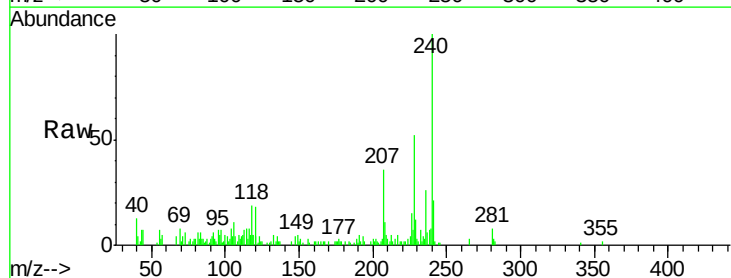
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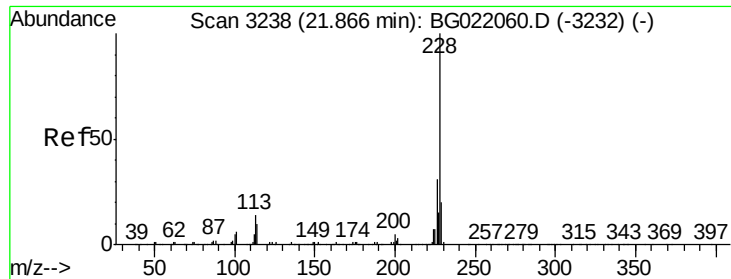
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#32
 Benzo(a)anthracene
 Concen: 1.07 ng/ul
 RT: 21.79 min Scan# 3225
 Delta R.T. -0.01 min
 Lab File: BG022031.D
 Acq: 23 May 2016 3:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	22.7	16.6	25.0
226	28.7	21.0	31.4





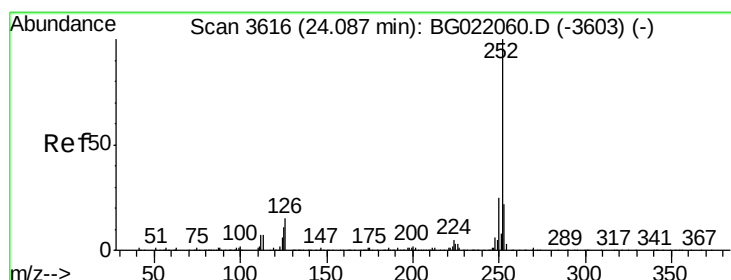
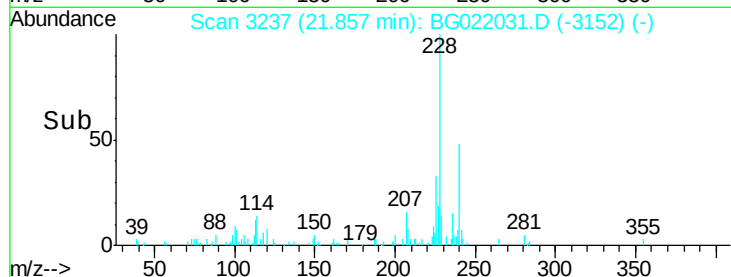
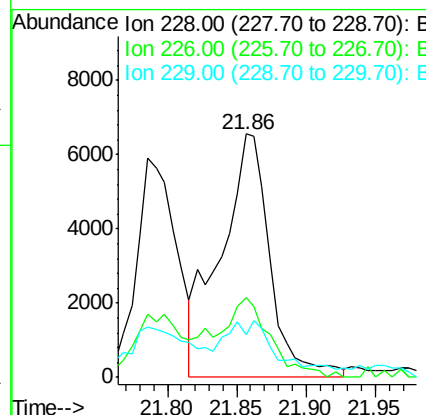
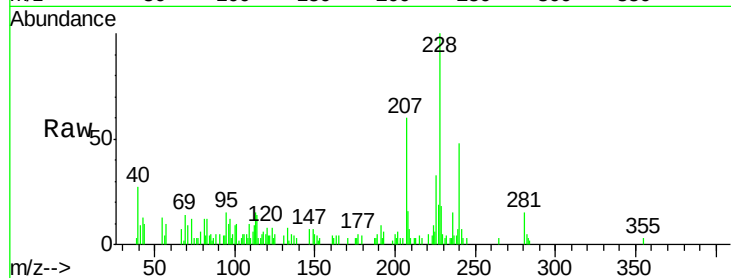
#33
Chrysene
Concen: 1.52 ng/ul m
RT: 21.86 min Scan# 3237
Delta R.T. -0.00 min
Lab File: BG022031.D
Acq: 23 May 2016 3:26

Instrument :
BNA_G
ClientSampleId :
D9XH0

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	16340		
226	32.9	23.4	35.2	
229	17.6	16.2	24.2	

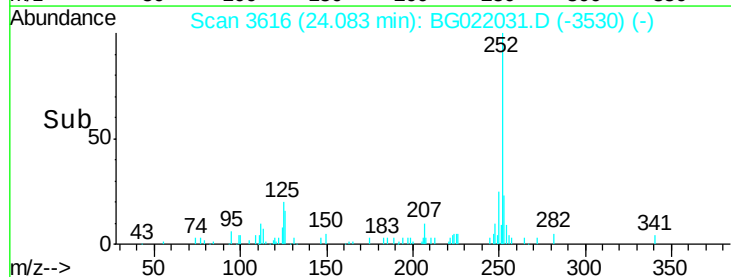
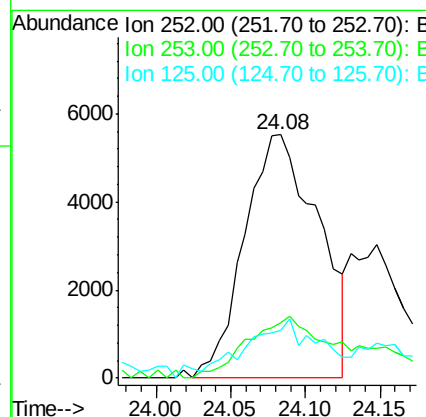
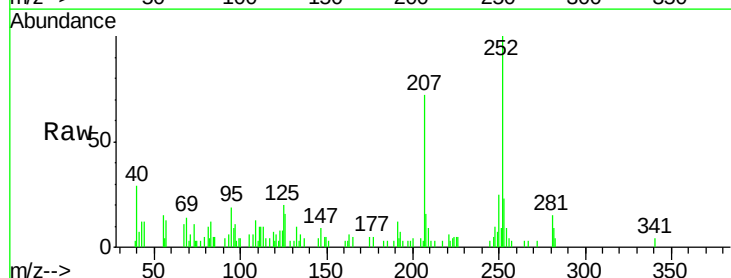
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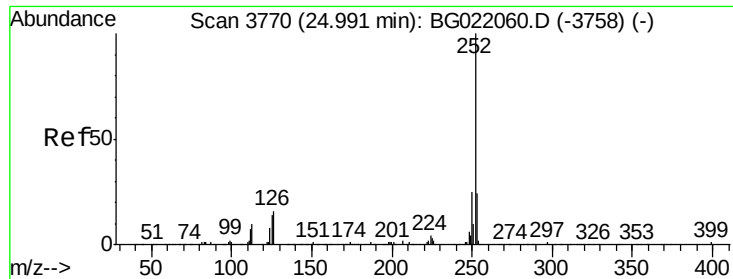
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#35
Benzo(b)fluoranthene
Concen: 1.76 ng/ul
RT: 24.08 min Scan# 3616
Delta R.T. 0.00 min
Lab File: BG022031.D
Acq: 23 May 2016 3:26

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	19015		
253	22.6	18.1	27.1	
125	19.7	7.6	11.4#	





#38

Benzo(a)pyrene

Concen: 1.02 ng/ul

RT: 24.99 min Scan# 3770

Delta R.T. 0.00 min

Lab File: BG022031.D

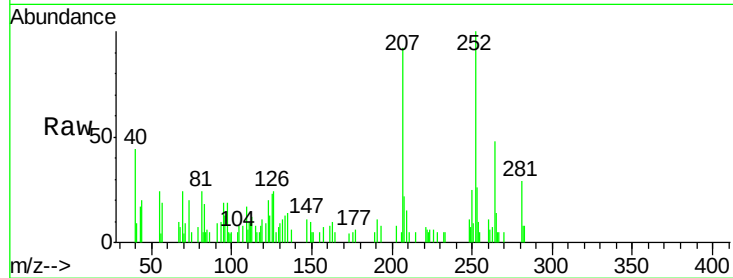
Acq: 23 May 2016 3:26

Instrument :

BNA_G

ClientSampleId :

D9XH0



Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.1	17.4	26.0#
125	22.6	8.2	12.2#

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