

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052216\
 Data File : BG022023.D
 Acq On : 22 May 2016 22:04
 Operator : UM/SJ
 Sample : H3204-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XP9

Manual Integrations
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Quant Time: May 24 11:03:19 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	43666	20.00	ng/ul	0.00
7) Naphthalene-d8	10.98	136	224728	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.78	164	119994	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.53	188	225039	20.00	ng/ul	0.00
29) Chrysene-d12	21.81	240	194899	20.00	ng/ul	0.00
34) Perylene-d12	25.14	264	181840	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.54	96	1217	1.28	ng/uL	0.00
3) Phenol-d5	7.31	99	64436	16.71	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.48	67	33254	16.19	ng/ul	0.00
5) 2-Chlorophenol-d4	7.69	132	55744	17.61	ng/ul	0.00
6) 4-Methylphenol-d8	8.86	113	57544	16.75	ng/ul	0.00
8) Nitrobenzene-d5	9.33	128	29320	18.60	ng/ul	0.00
9) 2-Nitrophenol-d4	10.05	143	31640	18.81	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.59	165	54975	18.49	ng/ul	0.00
12) 4-Chloroaniline-d4	11.12	131	49417	21.10	ng/ul	0.00
16) Dimethylphthalate-d6	14.18	166	180162	19.47	ng/ul	0.00
17) Acenaphthylene-d8	14.48	160	241807	20.29	ng/ul	0.00
20) 4-Nitrophenol-d4	14.99	143	12068	7.41	ng/ul	0.00
21) Fluorene-d10	15.78	176	153771	18.47	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.89	200	15857	14.20	ng/ul	0.00
26) Anthracene-d10	17.63	188	207891	20.05	ng/ul	0.00
30) Pyrene-d10	19.91	212	212201	20.64	ng/ul	0.00
37) Benzo(a)pyrene-d12	24.92	264	170858	21.16	ng/ul	0.00

Target Compounds

						Qvalue
25) Phenanthrene	17.57	178	13253	1.10	ng/ul#	92
28) Fluoranthene	19.57	202	24315	1.95	ng/ul#	94
31) Pyrene	19.94	202	20682m	1.54	ng/ul	
32) Benzo(a)anthracene	21.79	228	13111	1.21	ng/ul#	91
33) Chrysene	21.86	228	11576	1.10	ng/ul#	94
35) Benzo(b)fluoranthene	24.08	252	20416	1.95	ng/ul#	92
38) Benzo(a)pyrene	24.98	252	12914	1.29	ng/ul#	83

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

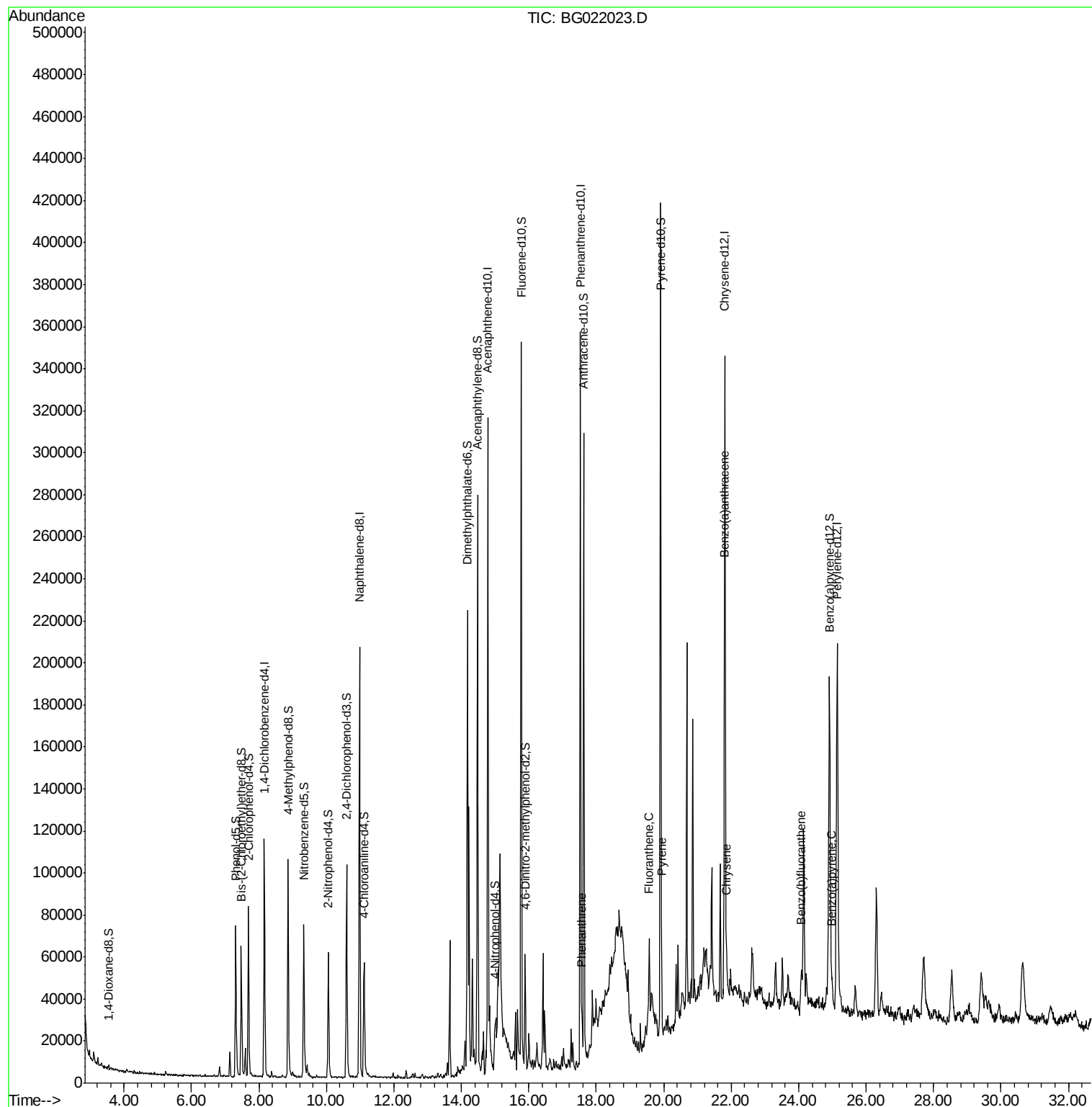
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052216\
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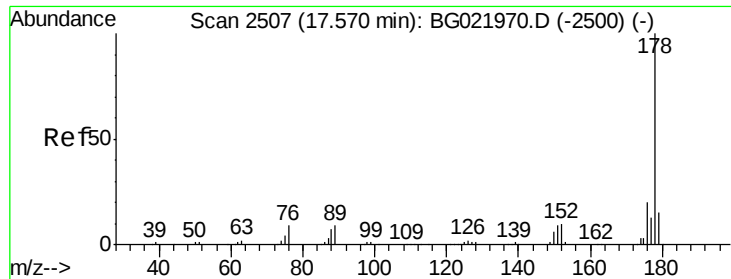
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Quant Time: May 24 11:03:19 2016
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Quant Title : SVOA CALIBRATION
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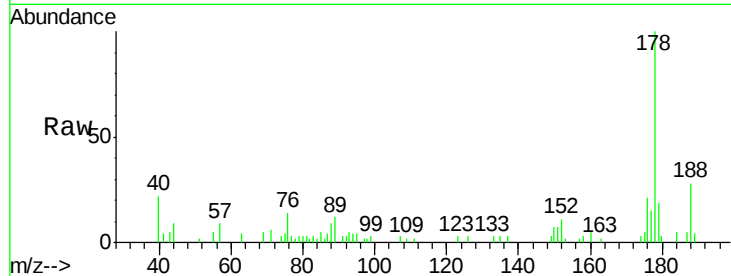
#25
Phenanthrene
Concen: 1.10 ng/ul
RT: 17.57 min Scan# 2507
Delta R.T. -0.00 min
Lab File: BG022023.D
Acq: 22 May 2016 22:04

Instrument :
BNA_G
ClientSampleId :
D9XP9

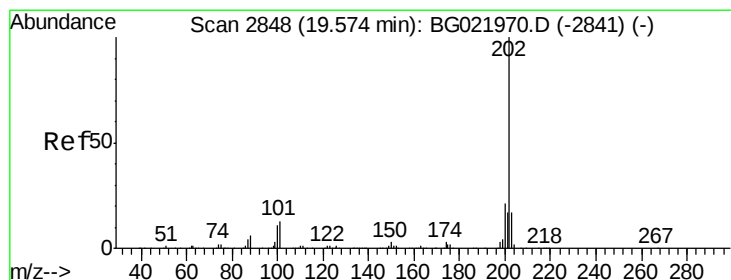
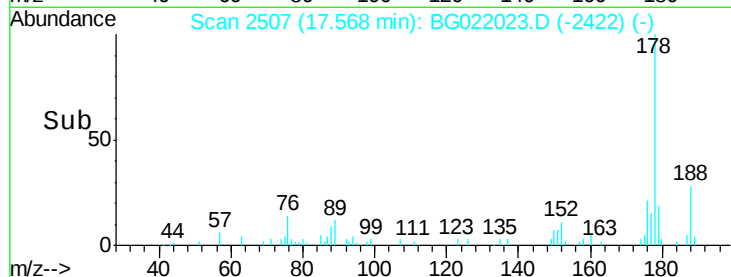
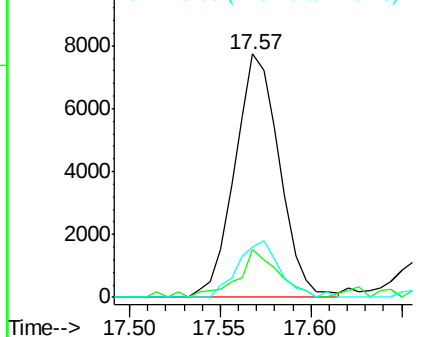
Tgt Ion	Ratio	Resp	Lower	Upper
178	100	13253		
179	19.5	11.8	17.8#	
176	20.8	14.8	22.2	

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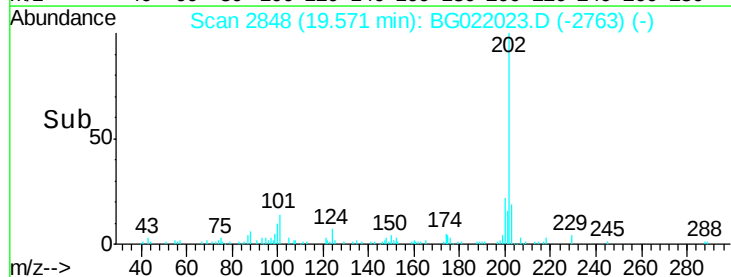
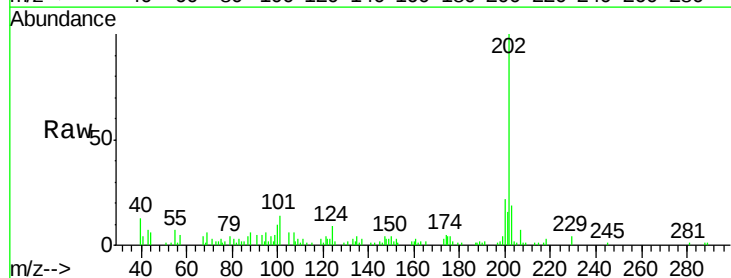
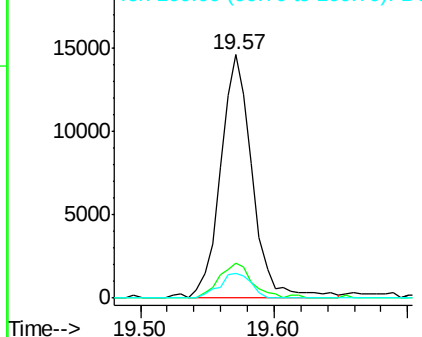
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E

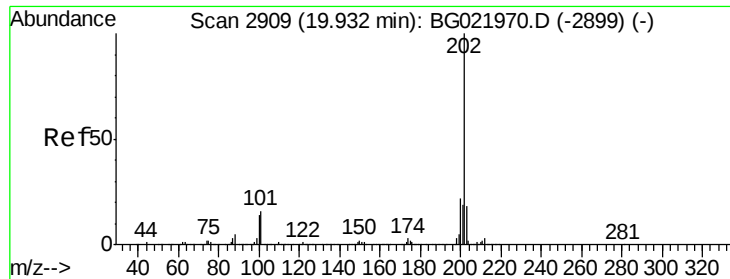


#28
Fluoranthene
Concen: 1.95 ng/ul
RT: 19.57 min Scan# 2848
Delta R.T. -0.00 min
Lab File: BG022023.D
Acq: 22 May 2016 22:04

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	24315		
101	14.1	8.9	13.3#	
100	9.9	7.0	10.4	

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





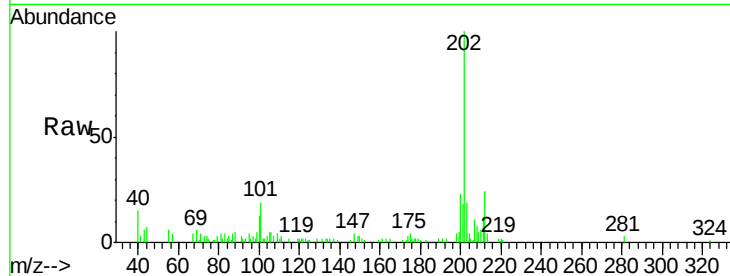
#31
 Pyrene
 Concen: 1.54 ng/ul m
 RT: 19.94 min Scan# 2910
 Delta R.T. 0.00 min
 Lab File: BG022023.D
 Acq: 22 May 2016 22:04

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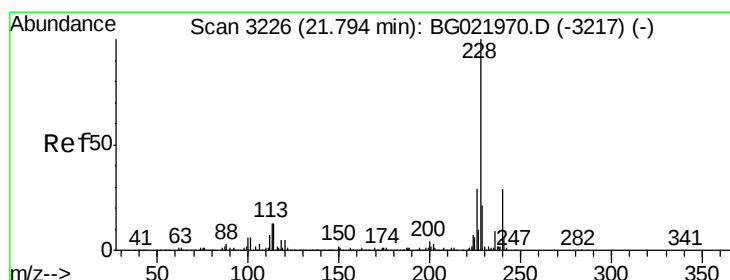
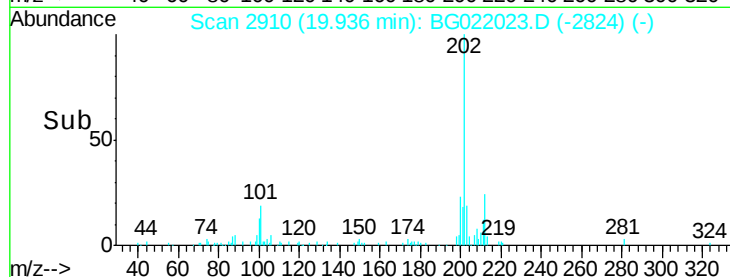
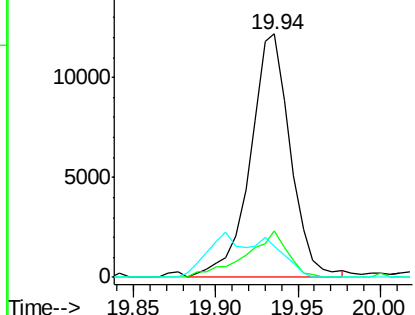
Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	19.2	9.8	14.8#
100	13.0	9.3	13.9

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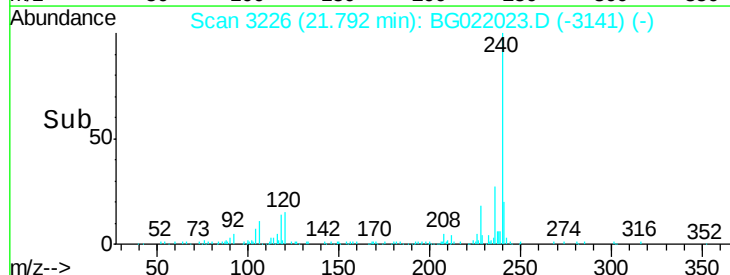
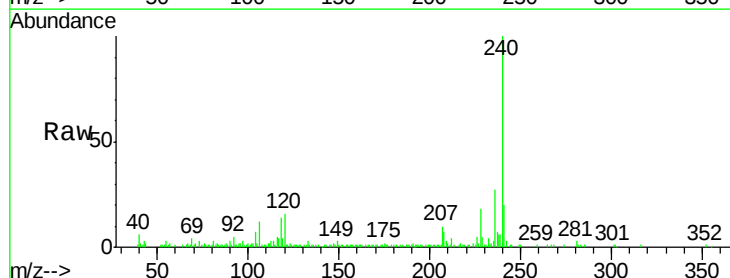
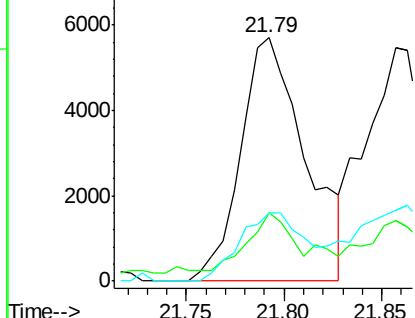
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): E

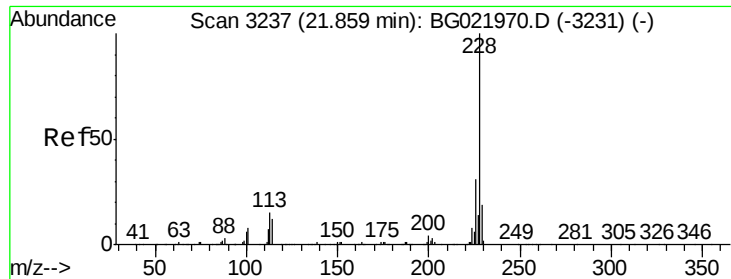


#32
 Benzo(a)anthracene
 Concen: 1.21 ng/ul
 RT: 21.79 min Scan# 3226
 Delta R.T. -0.00 min
 Lab File: BG022023.D
 Acq: 22 May 2016 22:04

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	27.8	16.6	25.0#
226	28.1	21.0	31.4

Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 229.00 (228.70 to 229.70): E
 Ion 226.00 (225.70 to 226.70): E





#33

Chrysene

Concen: 1.10 ng/ul

RT: 21.86 min Scan# 3237

Delta R.T. -0.00 min

Lab File: BG022023.D

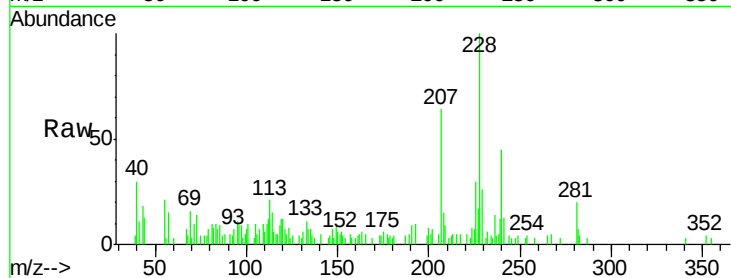
Acq: 22 May 2016 22:04

Instrument :

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ClientSampleId :

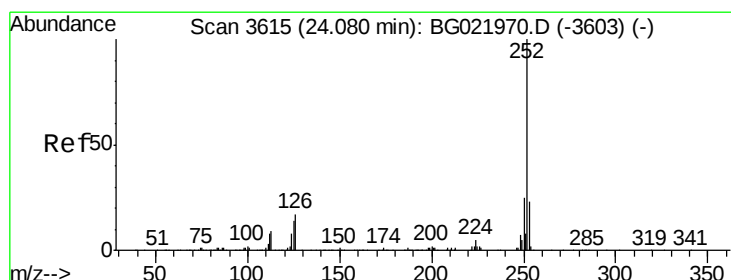
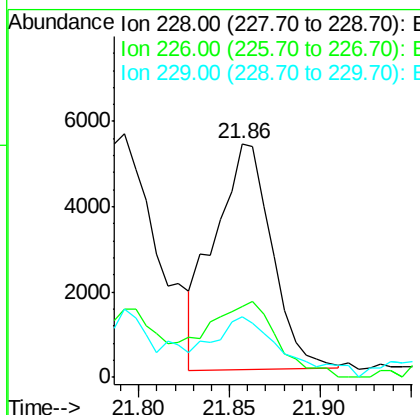
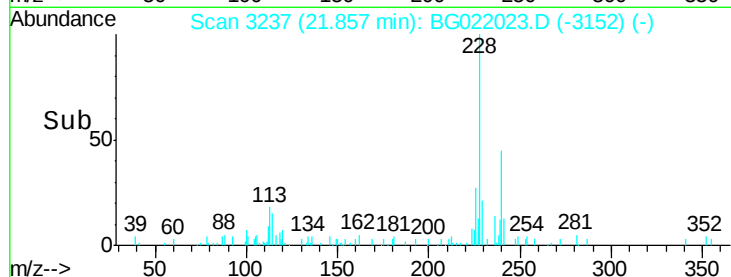
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Tgt Ion:	228	Resp:	11576
Ion Ratio	Lower	Upper	
228	100		
226	30.2	23.4	35.2
229	26.1	16.2	24.2#

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#35

Benzo(b)fluoranthene

Concen: 1.95 ng/ul

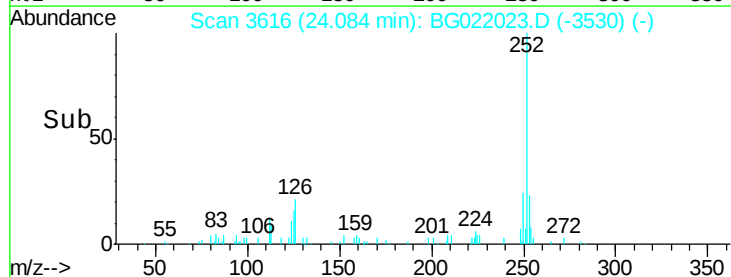
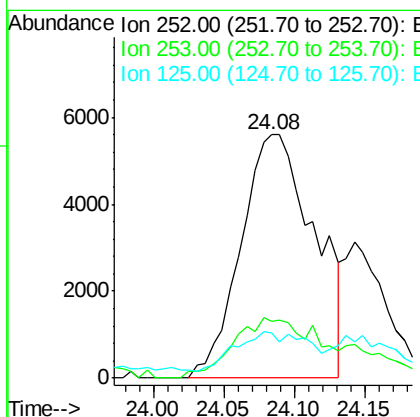
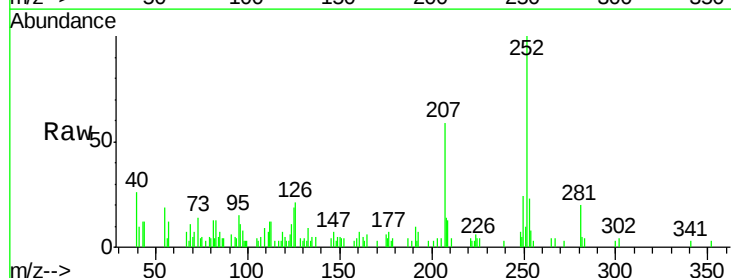
RT: 24.08 min Scan# 3616

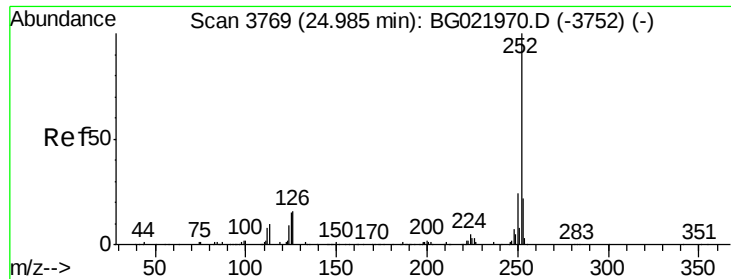
Delta R.T. 0.00 min

Lab File: BG022023.D

Acq: 22 May 2016 22:04

Tgt Ion:	252	Resp:	20416
Ion Ratio	Lower	Upper	
252	100		
253	23.2	18.1	27.1
125	18.8	7.6	11.4#





#38

Benzo(a)pyrene

Concen: 1.29 ng/ul

RT: 24.98 min Scan# 3768

Delta R.T. -0.01 min

Lab File: BG022023.D

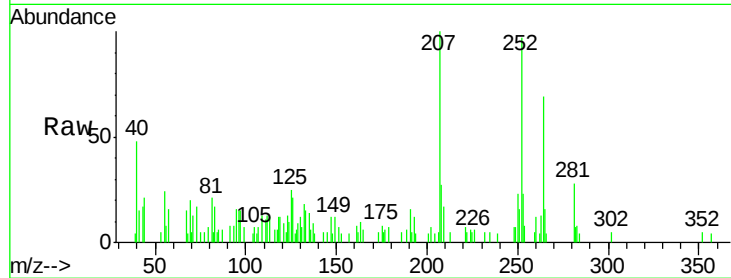
Acq: 22 May 2016 22:04

Instrument :

BNA_G

ClientSampleId :

D9XP9



Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	24.0	17.4	26.0
125	26.1	8.2	12.2

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