

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052216\
 Data File : BG022039.D
 Acq On : 23 May 2016 8:48
 Operator : UM/SJ
 Sample : H3203-20
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XJ4

Manual Integrations
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Quant Time: May 24 13:48:54 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	37227	20.00	ng/ul	0.00
7) Naphthalene-d8	10.98	136	187073	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.78	164	100899	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.53	188	191721	20.00	ng/ul	0.00
29) Chrysene-d12	21.81	240	172173	20.00	ng/ul	0.00
34) Perylene-d12	25.14	264	155875	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.53	96	1249	1.54	ng/uL	0.00
3) Phenol-d5	7.31	99	50735	15.43	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.48	67	39302	22.45	ng/ul	0.00
5) 2-Chlorophenol-d4	7.69	132	51469	19.07	ng/ul	0.00
6) 4-Methylphenol-d8	8.86	113	37451	12.79	ng/ul	0.00
8) Nitrobenzene-d5	9.33	128	32376	24.67	ng/ul	0.00
9) 2-Nitrophenol-d4	10.06	143	22744	16.24	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.60	165	43536	17.59	ng/ul	0.00
12) 4-Chloroaniline-d4	11.12	131	11867	6.09	ng/ul	0.00
16) Dimethylphthalate-d6	14.18	166	177950	22.87	ng/ul	0.00
17) Acenaphthylene-d8	14.48	160	272265	27.17	ng/ul	0.00
20) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	0.00
21) Fluorene-d10	15.77	176	174843	24.97	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.90	200	1821	1.91	ng/ul	0.00
26) Anthracene-d10	17.63	188	236096	26.73	ng/ul	0.00
30) Pyrene-d10	19.90	212	261862	28.83	ng/ul	0.00
37) Benzo(a)pyrene-d12	24.91	264	208147	30.07	ng/ul	0.00

Target Compounds

						Qvalue
25) Phenanthrene	17.57	178	13862	1.35	ng/ul	98
28) Fluoranthene	19.57	202	25065	2.35	ng/ul	97
31) Pyrene	19.93	202	22713m	1.92	ng/ul	
32) Benzo(a)anthracene	21.79	228	10876	1.14	ng/ul	92
33) Chrysene	21.86	228	15225	1.64	ng/ul	96
35) Benzo(b)fluoranthene	24.09	252	19613	2.19	ng/ul#	90
38) Benzo(a)pyrene	24.98	252	9821	1.15	ng/ul#	93

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

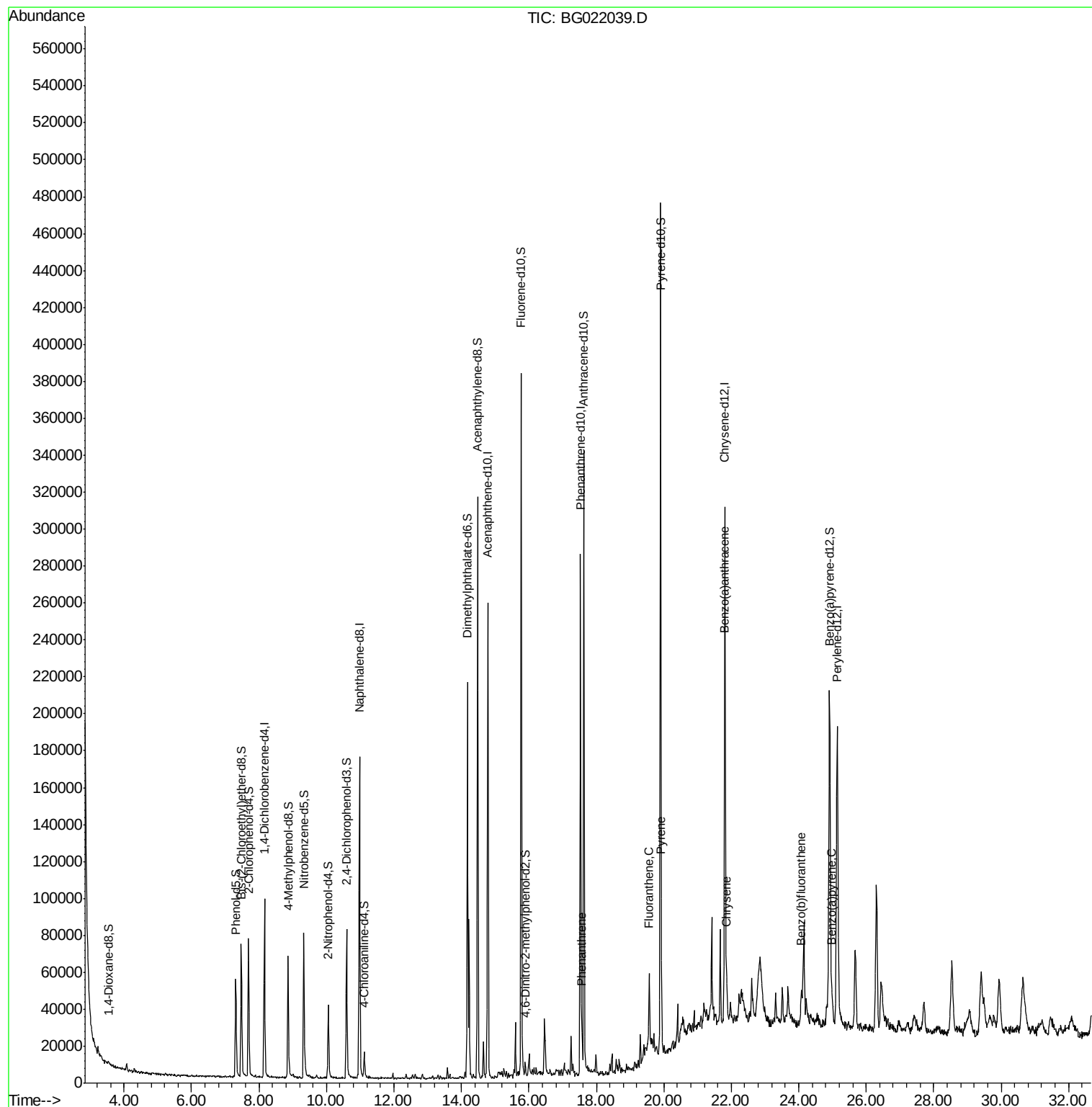
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052216\
Data File : BG022039.D
Acq On : 23 May 2016 8:48
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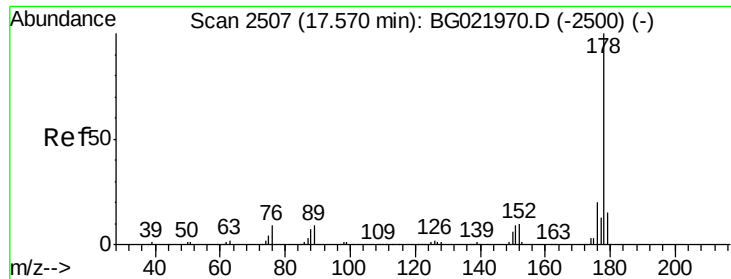
Instrument :
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Quant Time: May 24 13:48:54 2016
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Quant Title : SVOA CALIBRATION
QLast Update : Fri May 20 08:11:42 2016
Response via : Initial Calibration





#25

Phenanthrene

Concen: 1.35 ng/ul

RT: 17.57 min Scan# 2507

Delta R.T. -0.00 min

Lab File: BG022039.D

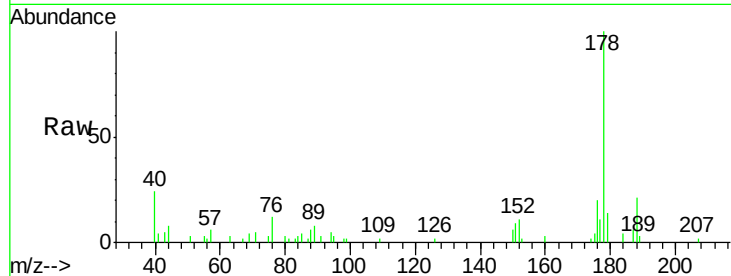
Acq: 23 May 2016 8:48

Instrument :

BNA_G

ClientSampleId :

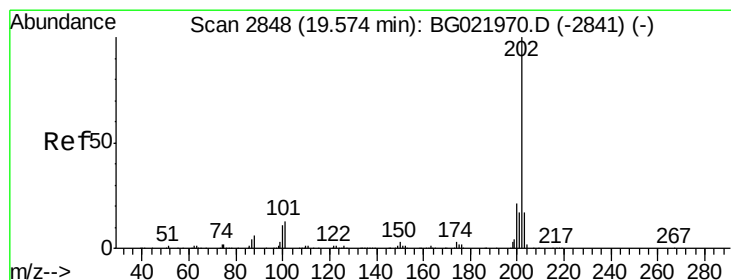
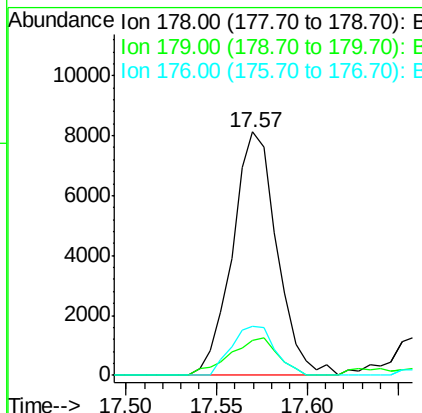
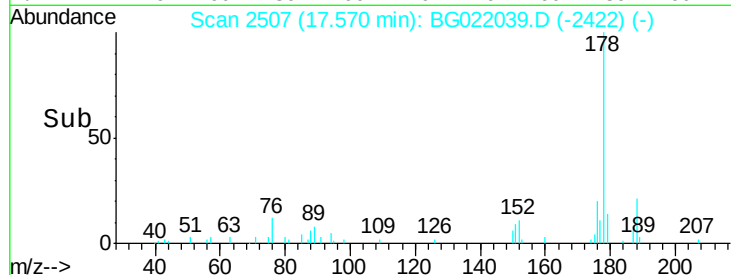
D9XJ4



Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.2	11.8	17.8
176	20.0	14.8	22.2

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#28

Fluoranthene

Concen: 2.35 ng/ul

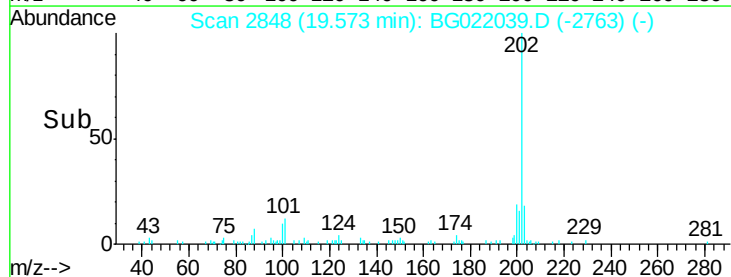
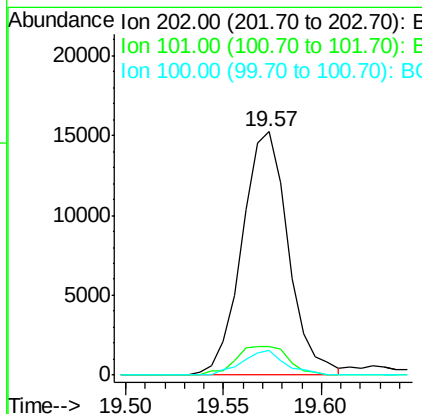
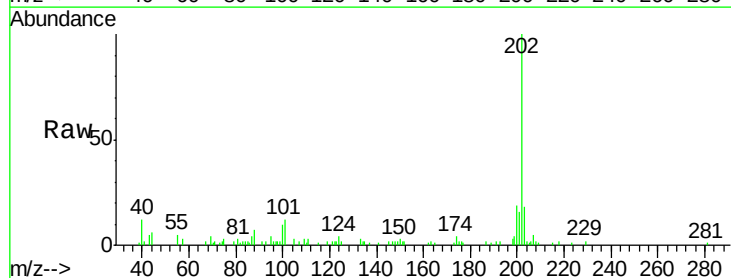
RT: 19.57 min Scan# 2848

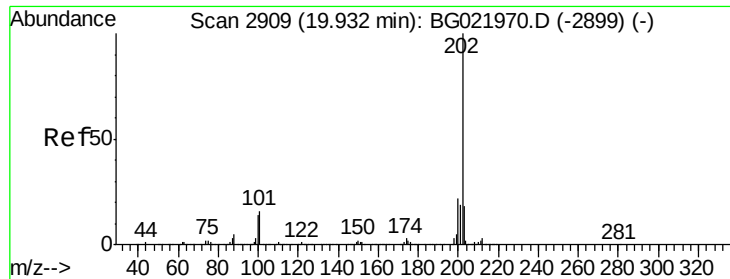
Delta R.T. -0.00 min

Lab File: BG022039.D

Acq: 23 May 2016 8:48

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.7	8.9	13.3
100	10.3	7.0	10.4





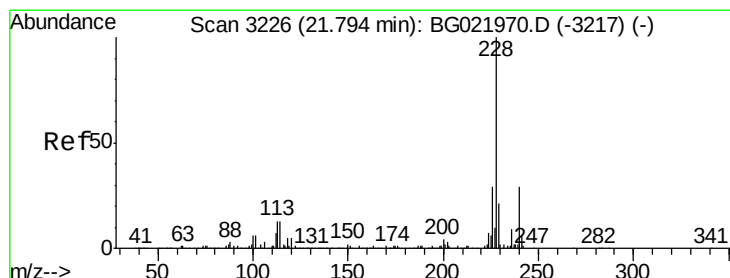
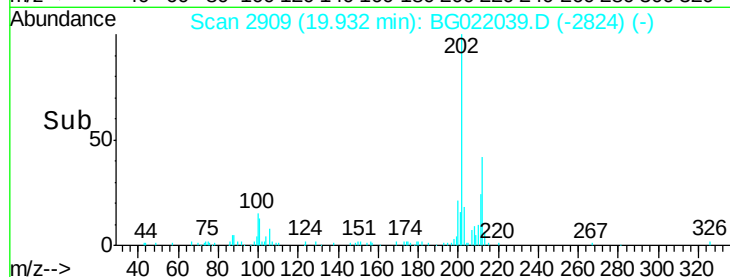
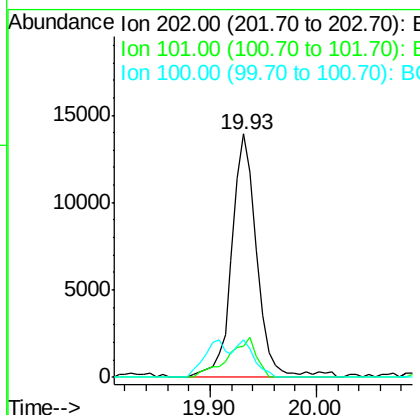
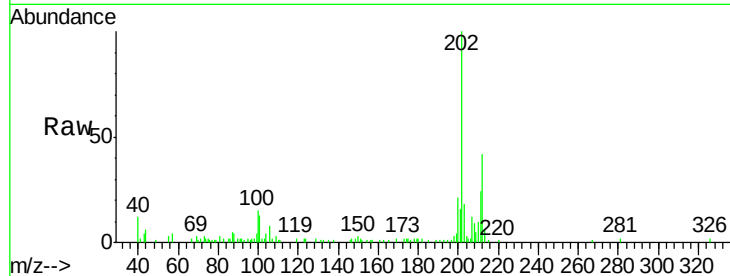
#31
Pyrene
Concen: 1.92 ng/ul m
RT: 19.93 min Scan# 2909
Delta R.T. -0.00 min
Lab File: BG022039.D
Acq: 23 May 2016 8:48

Instrument :
BNA_G
ClientSampleId :
D9XJ4

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.9	9.8	14.8
100	15.3	9.3	13.9

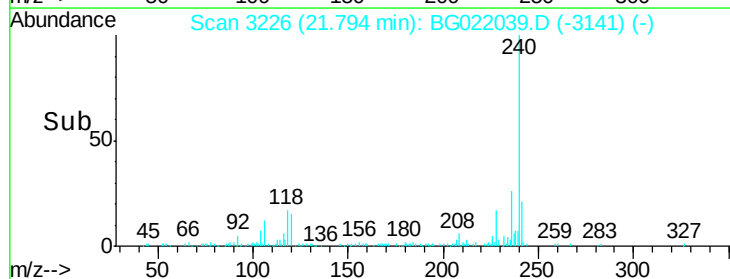
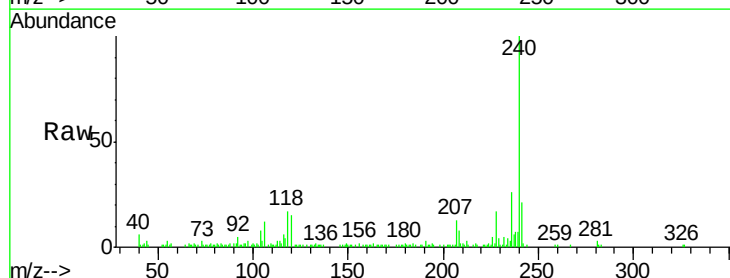
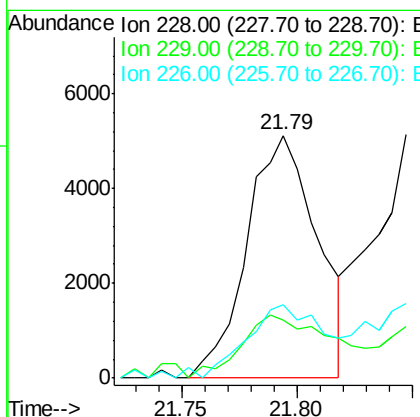
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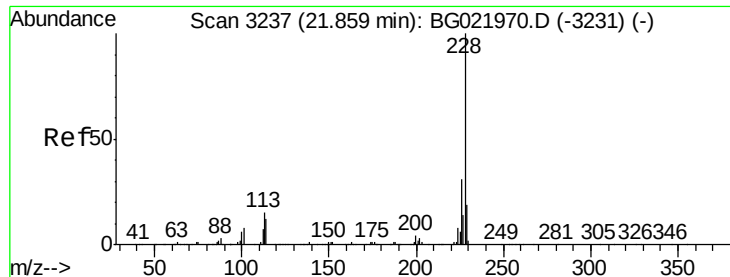
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#32
Benzo(a)anthracene
Concen: 1.14 ng/ul
RT: 21.79 min Scan# 3226
Delta R.T. -0.00 min
Lab File: BG022039.D
Acq: 23 May 2016 8:48

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	24.1	16.6	25.0
226	30.3	21.0	31.4





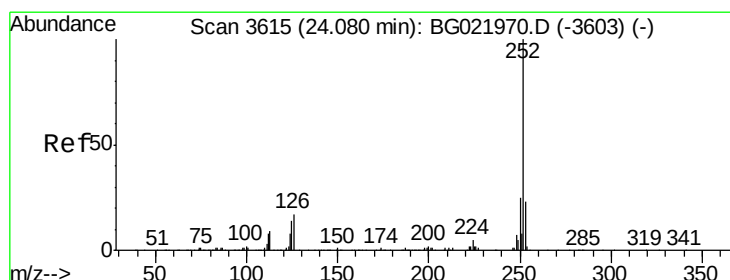
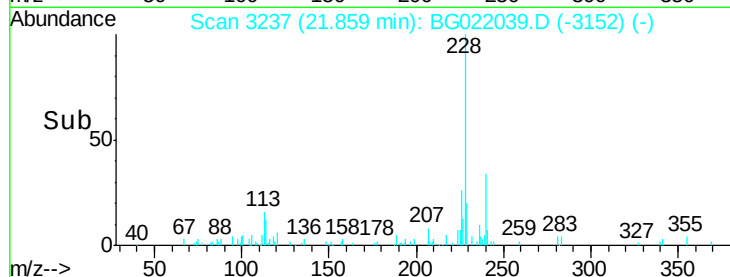
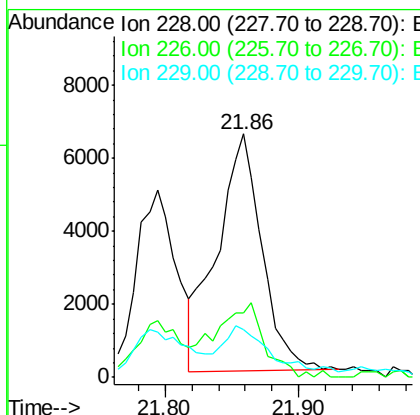
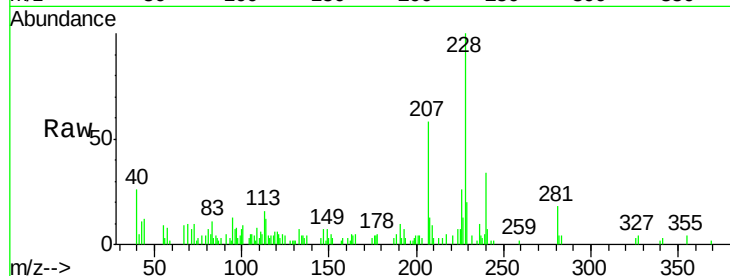
#33
Chrysene
Concen: 1.64 ng/ul
RT: 21.86 min Scan# 3237
Delta R.T. -0.00 min
Lab File: BG022039.D
Acq: 23 May 2016 8:48

Instrument :
BNA_G
ClientSampleId :
D9XJ4

Tgt Ion:	228	Resp:	15225
Ion Ratio	Lower	Upper	
228	100		
226	26.2	23.4	35.2
229	19.8	16.2	24.2

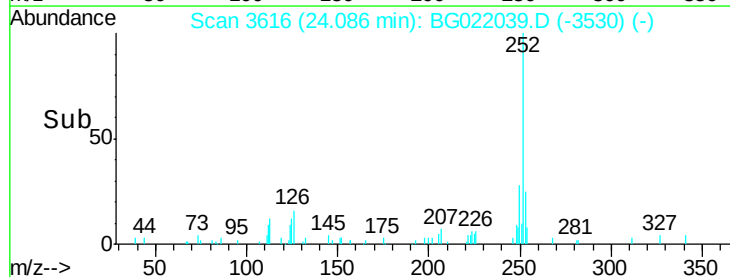
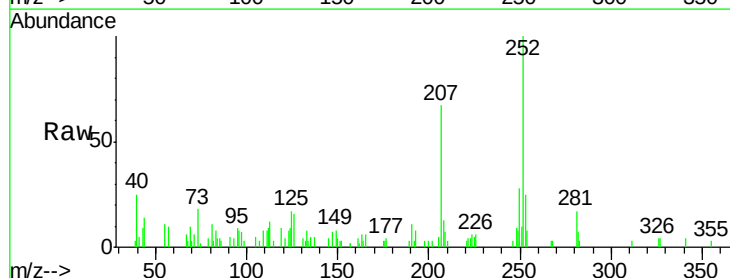
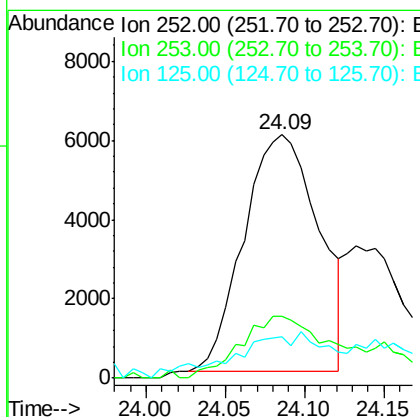
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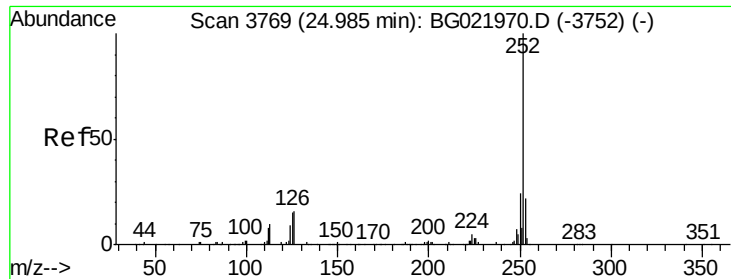
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#35
Benzo(b)fluoranthene
Concen: 2.19 ng/ul
RT: 24.09 min Scan# 3616
Delta R.T. 0.01 min
Lab File: BG022039.D
Acq: 23 May 2016 8:48

Tgt Ion:	252	Resp:	19613
Ion Ratio	Lower	Upper	
252	100		
253	25.2	18.1	27.1
125	17.0	7.6	11.4#





#38

Benzo(a)pyrene

Concen: 1.15 ng/ul

RT: 24.98 min Scan# 3769

Delta R.T. -0.00 min

Lab File: BG022039.D

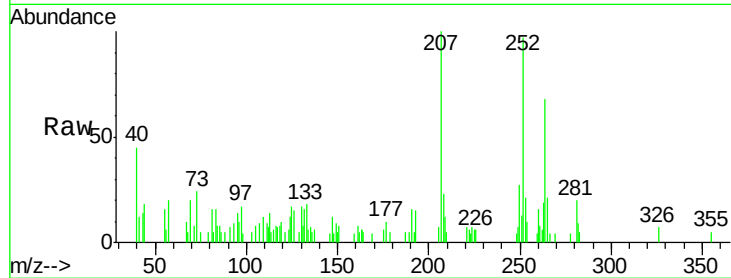
Acq: 23 May 2016 8:48

Instrument :

BNA_G

ClientSampleId :

D9XJ4



Tgt	Ion	Ratio	Lower	Upper
252	100			
253	21.9	17.4	26.0	
125	18.0	8.2	12.2	

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