

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052216\
 Data File : BG022038.D
 Acq On : 23 May 2016 8:08
 Operator : UM/SJ
 Sample : H3203-19
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XJ3

Manual Integrations
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Quant Time: May 24 13:44:05 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	47599	20.00	ng/ul	0.00
7) Naphthalene-d8	10.98	136	245645	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.78	164	132700	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.53	188	256155	20.00	ng/ul	0.00
29) Chrysene-d12	21.81	240	223731	20.00	ng/ul	0.00
34) Perylene-d12	25.15	264	208457	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.54	96	1457	1.40	ng/uL	0.00
3) Phenol-d5	7.31	99	80867	19.24	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.48	67	44247	19.77	ng/ul	0.00
5) 2-Chlorophenol-d4	7.69	132	71390	20.69	ng/ul	0.00
6) 4-Methylphenol-d8	8.87	113	71573	19.12	ng/ul	0.00
8) Nitrobenzene-d5	9.33	128	38277	22.21	ng/ul	0.00
9) 2-Nitrophenol-d4	10.06	143	37860	20.59	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.60	165	68631	21.12	ng/ul	0.00
12) 4-Chloroaniline-d4	11.12	131	63887	24.96	ng/ul	0.00
16) Dimethylphthalate-d6	14.18	166	216021	21.11	ng/ul	0.00
17) Acenaphthylene-d8	14.48	160	307866	23.36	ng/ul	0.00
20) 4-Nitrophenol-d4	14.99	143	19816m	11.01	ng/ul	0.00
21) Fluorene-d10	15.78	176	198022	21.50	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.89	200	17216	13.54	ng/ul	0.00
26) Anthracene-d10	17.63	188	267920	22.70	ng/ul	0.00
30) Pyrene-d10	19.91	212	274869m	23.29	ng/ul	0.00
37) Benzo(a)pyrene-d12	24.92	264	215533	23.28	ng/ul	0.00

Target Compounds

						Qvalue
25) Phenanthrene	17.57	178	26585	1.94	ng/ul	99
28) Fluoranthene	19.57	202	65113	4.58	ng/ul#	94
31) Pyrene	19.93	202	56326m	3.66	ng/ul	
32) Benzo(a)anthracene	21.79	228	32815	2.64	ng/ul	91
33) Chrysene	21.86	228	33973	2.81	ng/ul	95
35) Benzo(b)fluoranthene	24.08	252	52390	4.37	ng/ul#	94
36) Benzo(k)fluoranthene	24.15	252	13851m	1.18	ng/ul	
38) Benzo(a)pyrene	24.99	252	28063	2.45	ng/ul#	92
39) Indeno(1,2,3-cd)pyrene	28.95	276	18405m	1.41	ng/ul	
41) Benzo(g,h,i)perylene	30.15	276	12875	1.17	ng/ul#	84

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

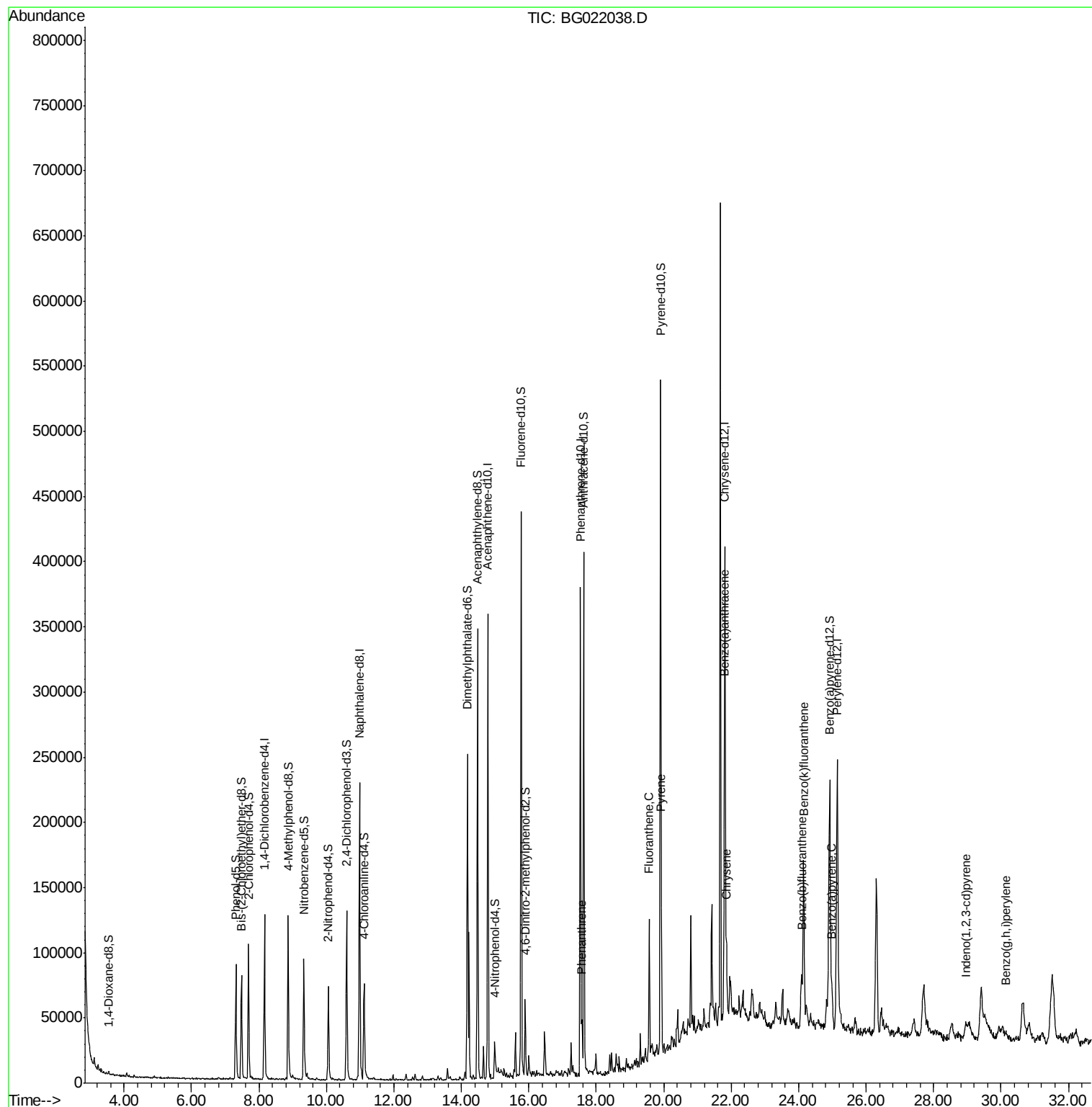
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052216\
Data File : BG022038.D
Acq On : 23 May 2016 8:08
Operator : UM/SJ
Sample : H3203-19
Misc :
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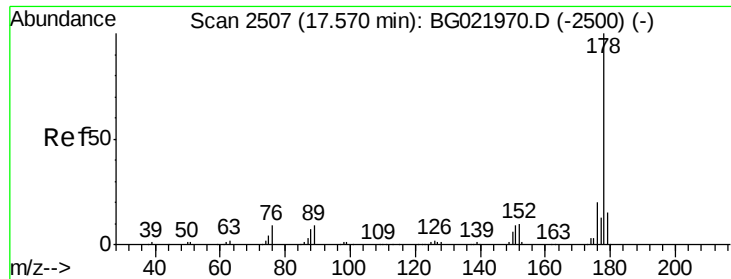
Instrument :
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ClientSampleId :
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Quant Time: May 24 13:44:05 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG051816.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 20 08:11:42 2016
Response via : Initial Calibration





#25

Phenanthrene

Concen: 1.94 ng/ul

RT: 17.57 min Scan# 2507

Delta R.T. -0.00 min

Lab File: BG022038.D

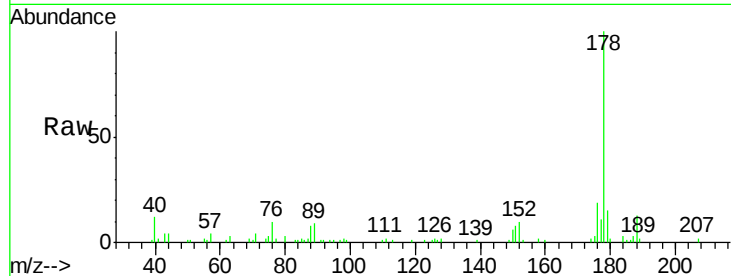
Acq: 23 May 2016 8:08

Instrument :

BNA_G

ClientSampleId :

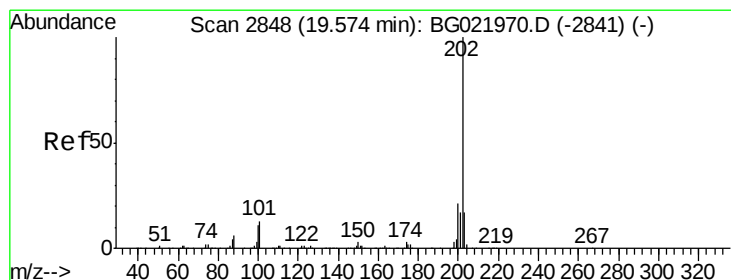
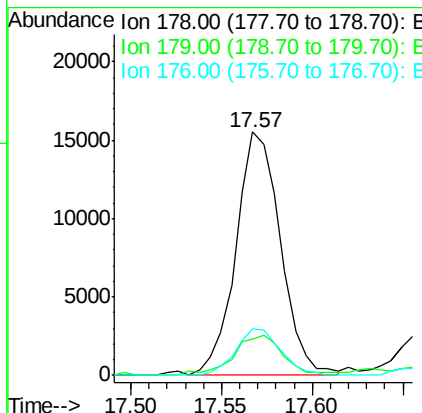
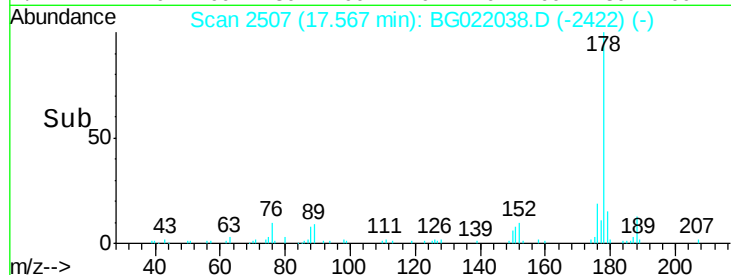
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Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.0	11.8	17.8
176	18.9	14.8	22.2

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#28

Fluoranthene

Concen: 4.58 ng/ul

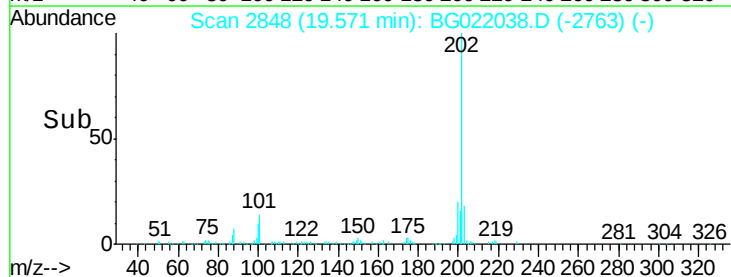
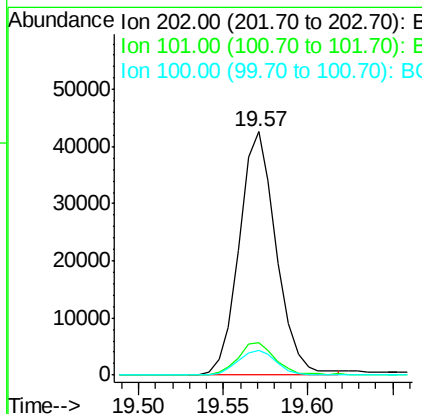
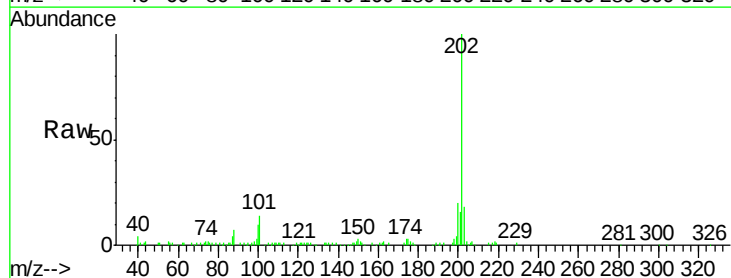
RT: 19.57 min Scan# 2848

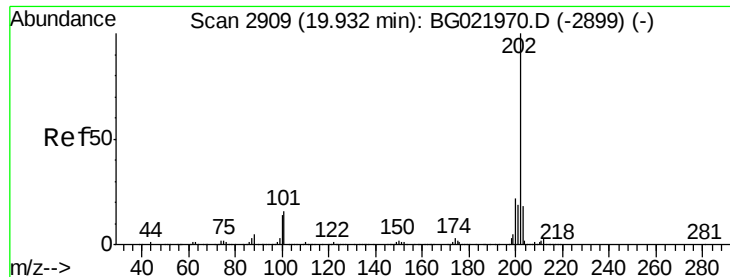
Delta R.T. -0.00 min

Lab File: BG022038.D

Acq: 23 May 2016 8:08

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.5	8.9	13.3#
100	10.3	7.0	10.4





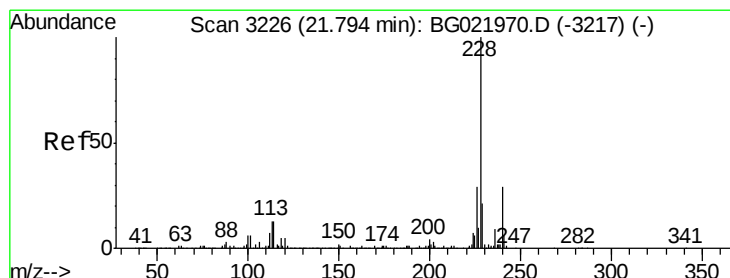
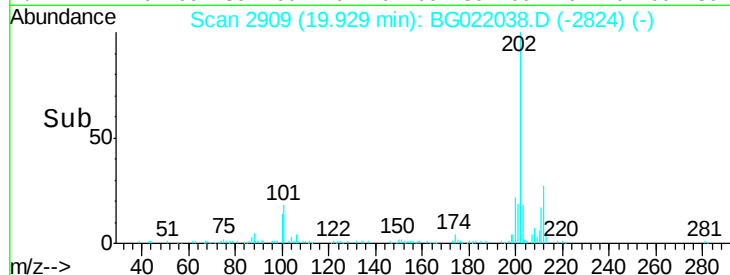
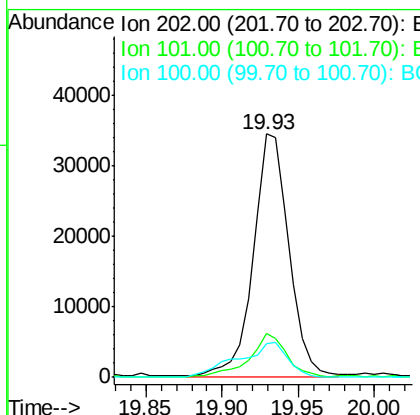
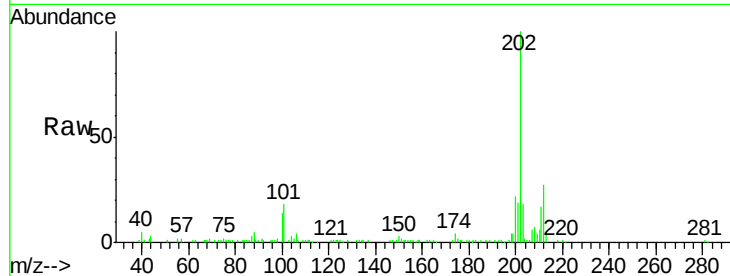
#31
Pyrene
Concen: 3.66 ng/ul m
RT: 19.93 min Scan# 2909
Delta R.T. -0.00 min
Lab File: BG022038.D
Acq: 23 May 2016 8:08

Instrument :
BNA_G
ClientSampleId :
D9XJ3

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	17.9	9.8	14.8#
100	14.1	9.3	13.9#

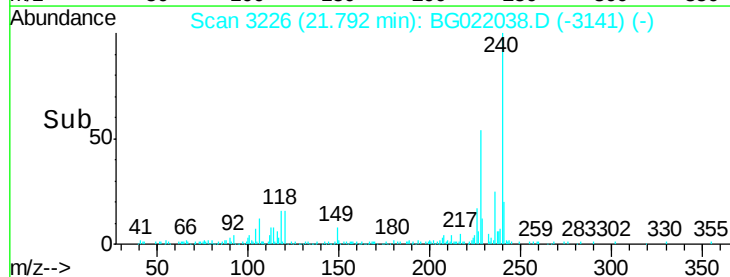
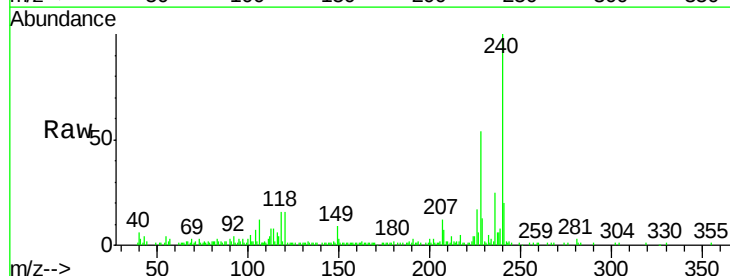
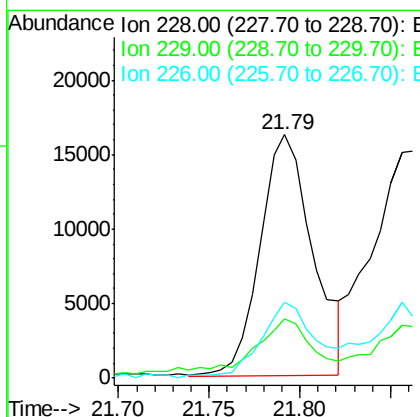
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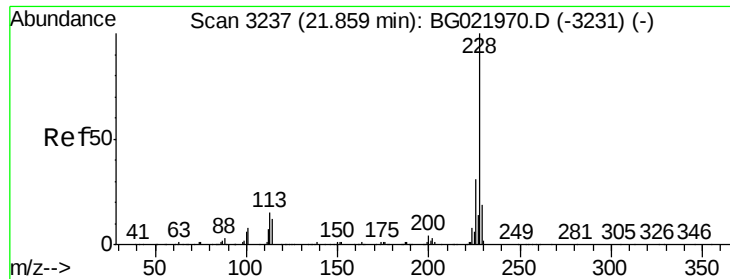
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#32
Benzo(a)anthracene
Concen: 2.64 ng/ul
RT: 21.79 min Scan# 3226
Delta R.T. -0.00 min
Lab File: BG022038.D
Acq: 23 May 2016 8:08

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	24.1	16.6	25.0
226	31.1	21.0	31.4





#33

Chrysene

Concen: 2.81 ng/ul

RT: 21.86 min Scan# 3238

Delta R.T. 0.00 min

Lab File: BG022038.D

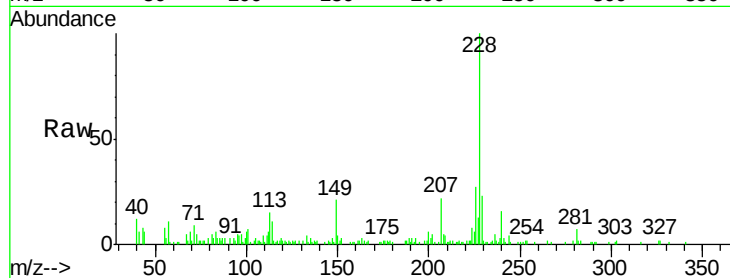
Acq: 23 May 2016 8:08

Instrument :

BNA_G

ClientSampleId :

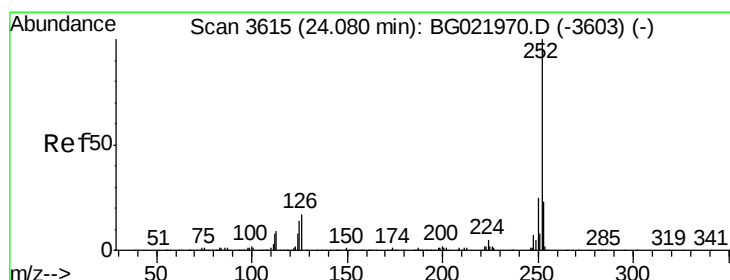
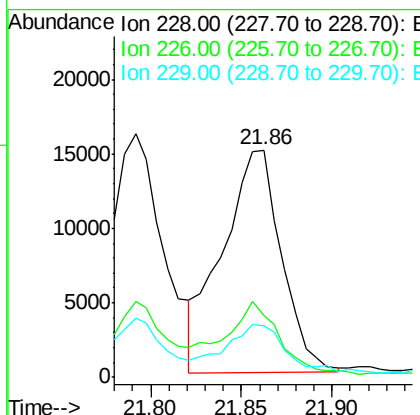
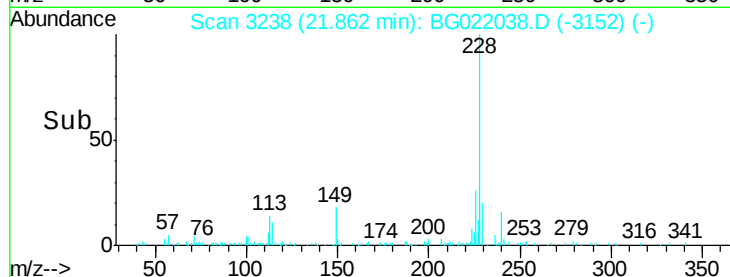
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Tgt Ion	Ratio	Resp	Lower	Upper
228	100	33973		
226	26.9	23.4	35.2	
229	22.5	16.2	24.2	

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#35

Benzo(b)fluoranthene

Concen: 4.37 ng/ul

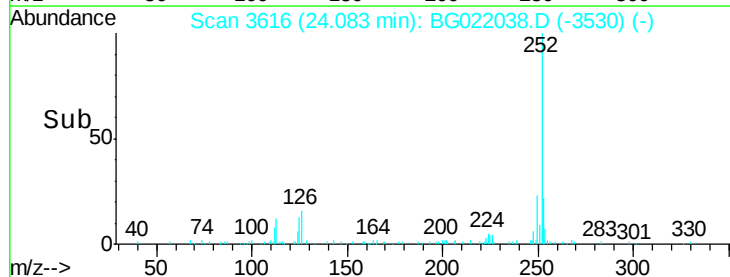
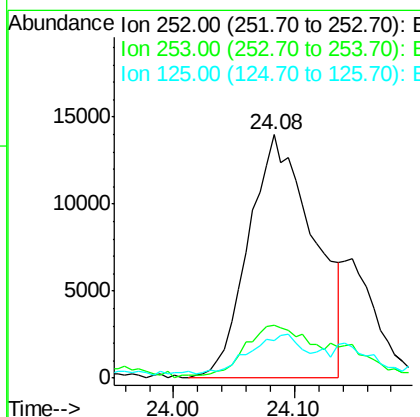
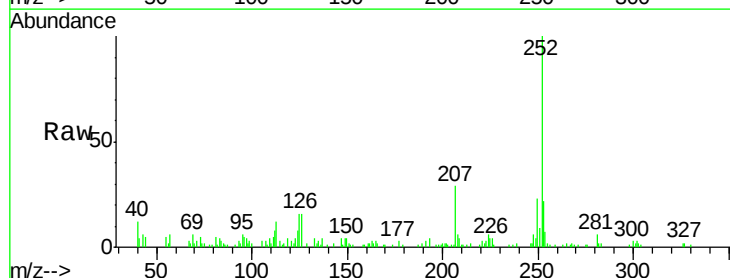
RT: 24.08 min Scan# 3616

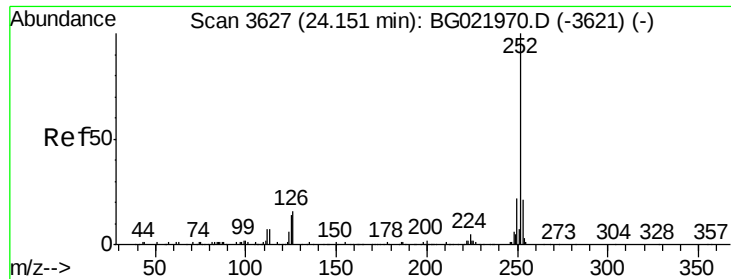
Delta R.T. 0.00 min

Lab File: BG022038.D

Acq: 23 May 2016 8:08

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	52390		
253	21.6	18.1	27.1	
125	15.5	7.6	11.4	#





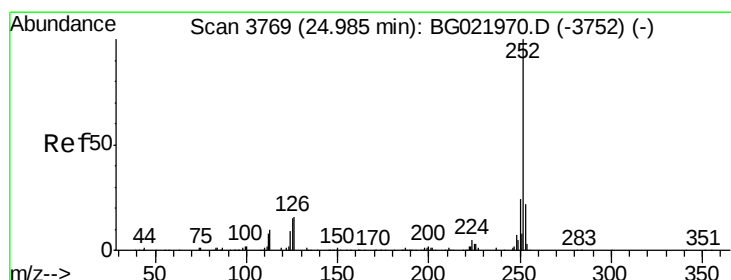
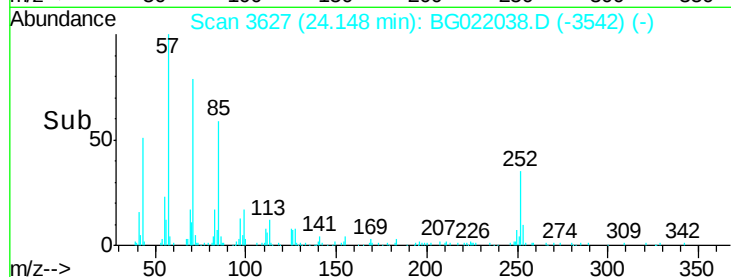
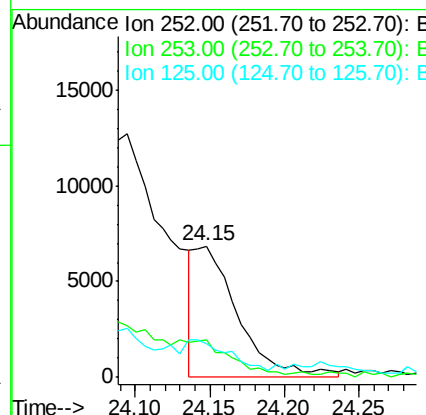
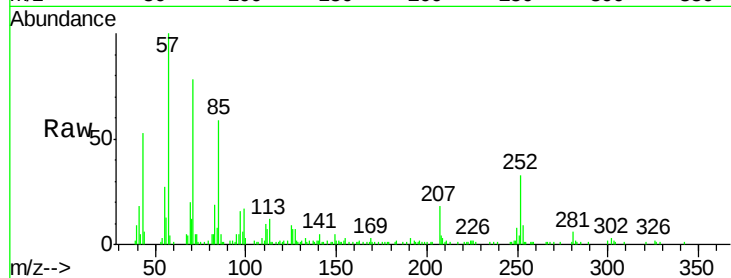
#36
Benzo(k)fluoranthene
Concen: 1.18 ng/ul m
RT: 24.15 min Scan# 3627
Delta R.T. -0.00 min
Lab File: BG022038.D
Acq: 23 May 2016 8:08

Instrument :
BNA_G
ClientSampleId :
D9XJ3

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	28.5	17.8	26.8#
125	25.8	7.7	11.5#

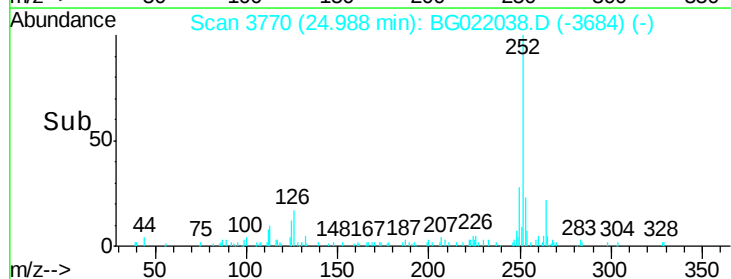
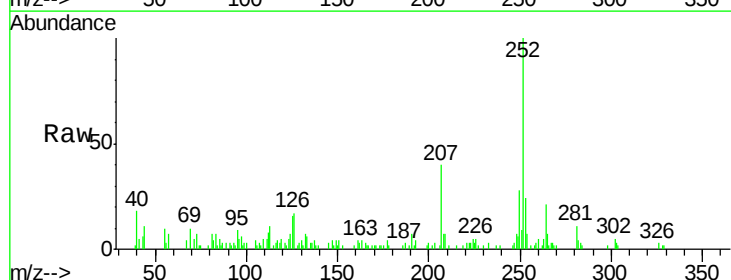
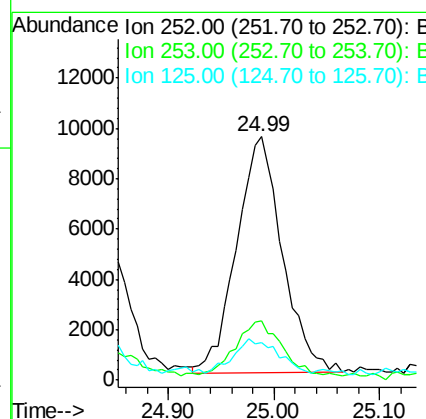
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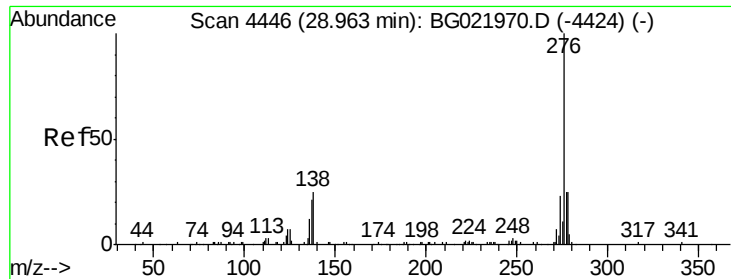
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#38
Benzo(a)pyrene
Concen: 2.45 ng/ul
RT: 24.99 min Scan# 3770
Delta R.T. 0.00 min
Lab File: BG022038.D
Acq: 23 May 2016 8:08

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	24.1	17.4	26.0
125	15.5	8.2	12.2#





#39

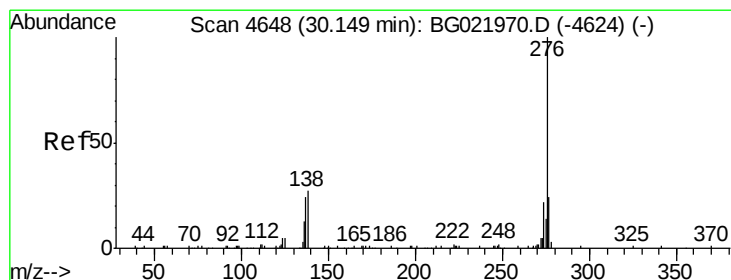
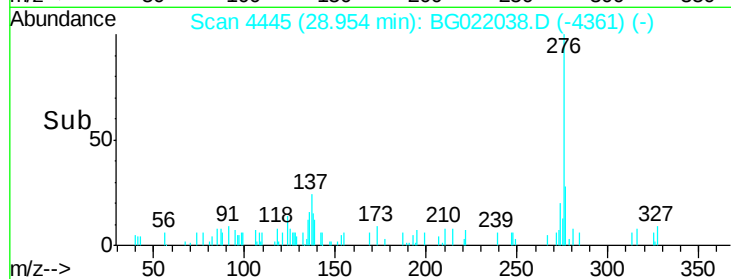
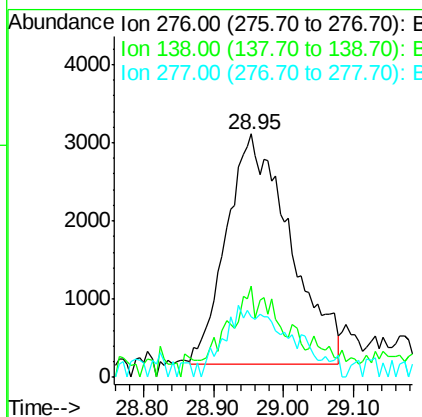
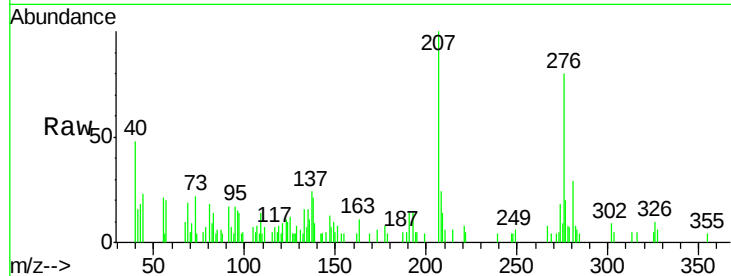
Indeno(1,2,3-cd)pyrene
Concen: 1.41 ng/ul m
RT: 28.95 min Scan# 4445
Delta R.T. -0.01 min
Lab File: BG022038.D
Acq: 23 May 2016 8:08

Instrument :
BNA_G
ClientSampleId :
D9XJ3

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	26.6	15.8	23.6#
277	24.6	19.0	28.6

Manual Integrations
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#41

Benzo(g,h,i)perylene
Concen: 1.17 ng/ul
RT: 30.15 min Scan# 4648
Delta R.T. -0.00 min
Lab File: BG022038.D
Acq: 23 May 2016 8:08

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	28.9	13.9	20.9#
277	20.2	19.8	29.6

