

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030917\
 Data File : BG026159.D
 Acq On : 9 Mar 2017 21:15
 Operator : SJ/MA
 Sample : I2069-17
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AJ2

Manual Integrations
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Quant Time: Mar 15 15:46:37 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG030317-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 15 15:39:02 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	101178	20.00	ng/ul	0.00
2) Naphthalene-d8	10.86	136	451034	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.67	164	274648	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.40	188	681128	20.00	ng/ul	0.00
18) Chrysene-d12	21.64	240	724324	20.00	ng/ul	0.00
23) Perylene-d12	24.84	264	695158	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.48	165	143974	21.55	ng/uL	0.00
7) Acenaphthylene-d8	14.36	160	652898	27.88	ng/ul	0.00
10) Fluorene-d10	15.65	176	502450	29.41	ng/ul	0.00
15) Anthracene-d10	17.49	188	747915	24.71	ng/ul	0.00
19) Pyrene-d10	19.77	212	898803	24.32	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.61	264	788144	26.29	ng/ul	0.00
Target Compounds						
14) Phenanthrene	17.44	178	116819	3.24	ng/ul	99
17) Fluoranthene	19.44	202	166493	4.44	ng/ul	97
20) Pyrene	19.80	202	229709	4.98	ng/ul	96
21) Benzo(a)anthracene	21.62	228	90818	2.25	ng/ul	99
22) Chrysene	21.69	228	84486	2.25	ng/ul	97
24) Benzo(b)fluoranthene	23.82	252	93839	2.38	ng/ul	99
27) Benzo(a)pyrene	24.68	252	56427	1.54	ng/ul	97
30) Benzo(g,h,i)perylene	29.58	276	37409m	1.08	ng/ul	

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

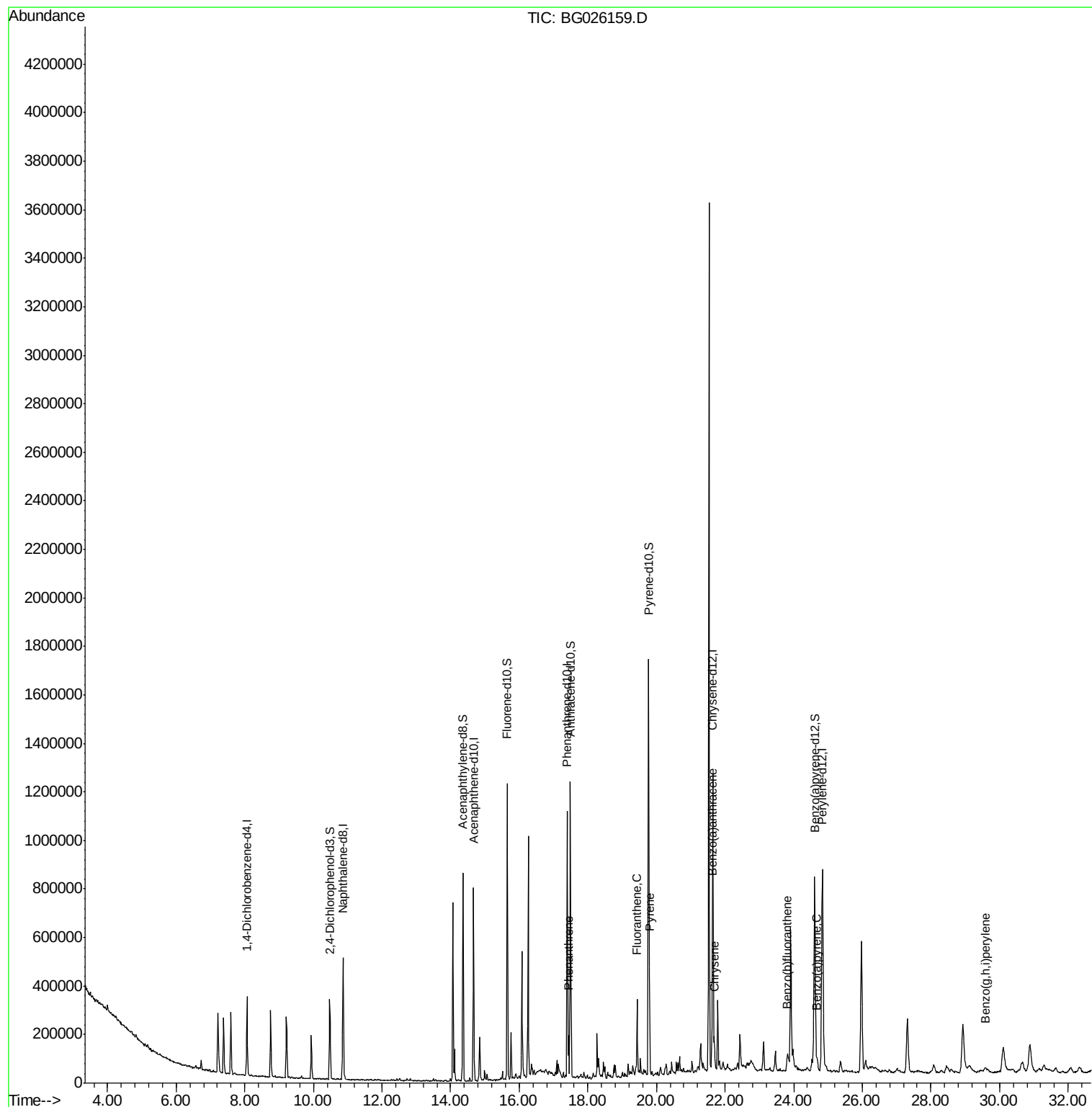
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030917\
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Operator : SJ/MA
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ALS Vial : 17 Sample Multiplier: 1

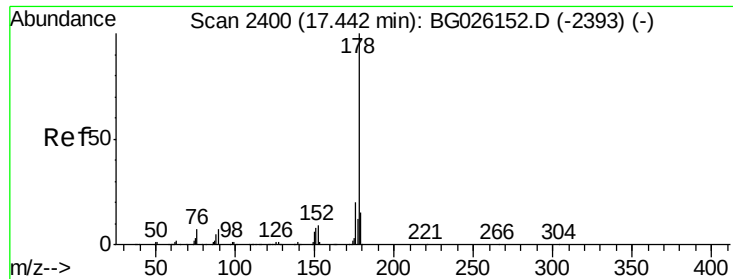
Instrument :
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#14

Phenanthrene

Concen: 3.24 ng/ul

RT: 17.44 min Scan# 2400

Delta R.T. 0.00 min

Lab File: BG026159.D

Acq: 9 Mar 2017 21:15

Instrument :

BNA_G

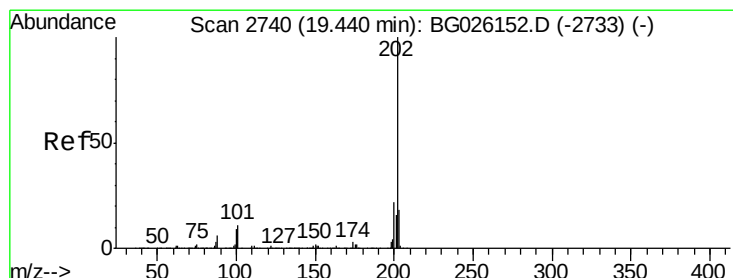
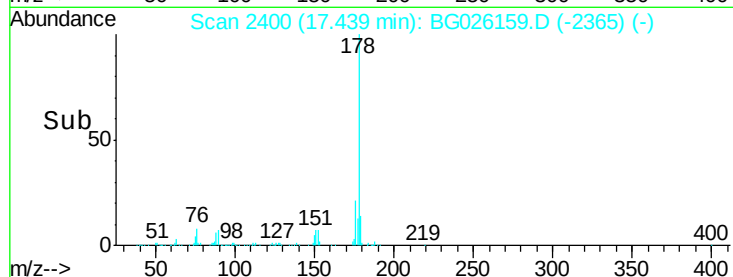
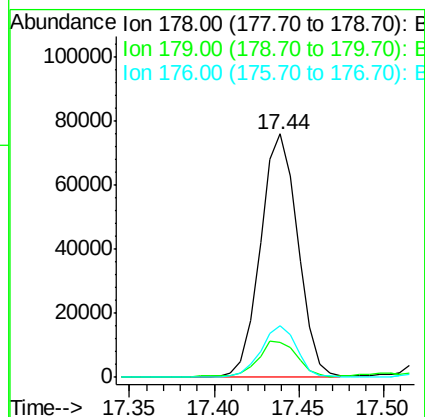
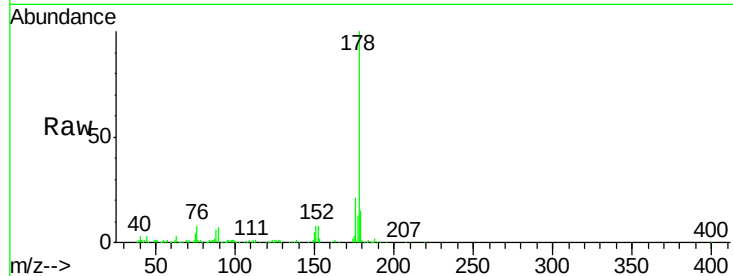
ClientSampleId :

C0AJ2

Tgt Ion:	178	Resp:	116819
Ion Ratio	Lower	Upper	
178	100		
179	14.6	12.2	18.4
176	21.0	16.4	24.6

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#17

Fluoranthene

Concen: 4.44 ng/ul

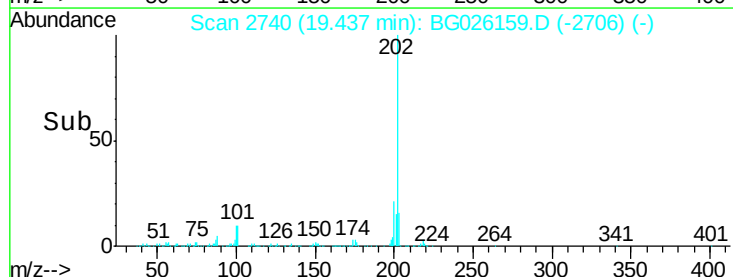
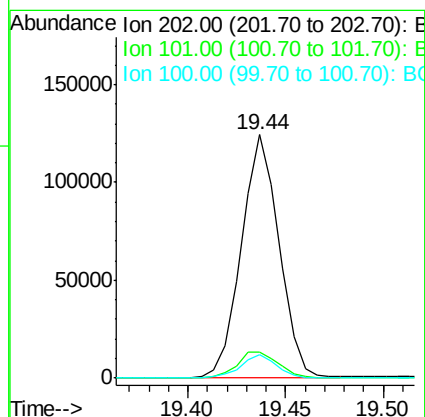
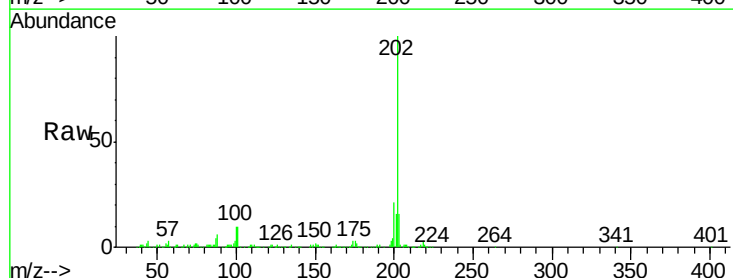
RT: 19.44 min Scan# 2740

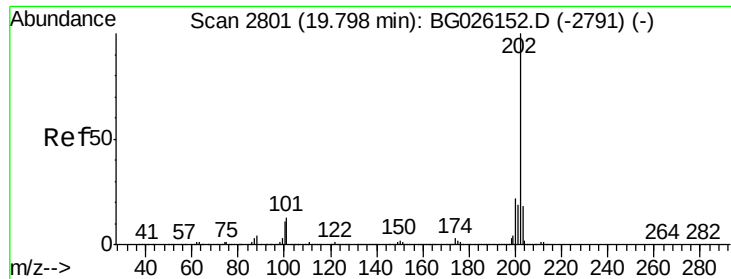
Delta R.T. -0.00 min

Lab File: BG026159.D

Acq: 9 Mar 2017 21:15

Tgt Ion:	202	Resp:	166493
Ion Ratio	Lower	Upper	
202	100		
101	10.4	9.8	14.8
100	9.8	7.5	11.3





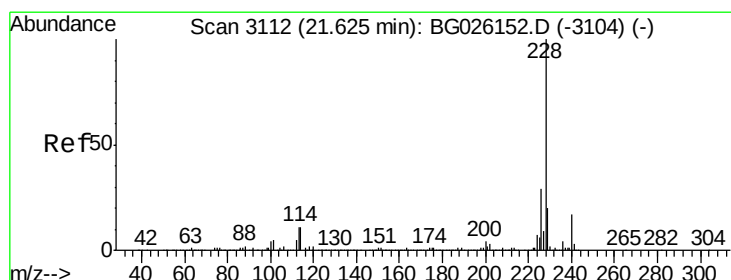
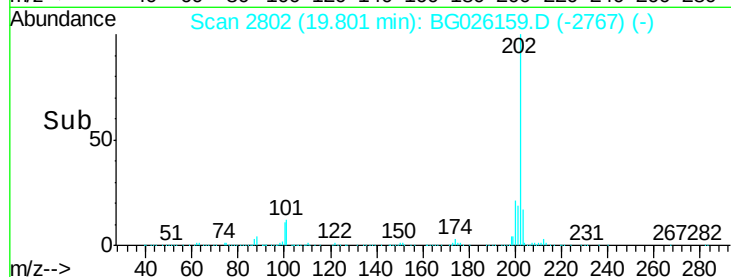
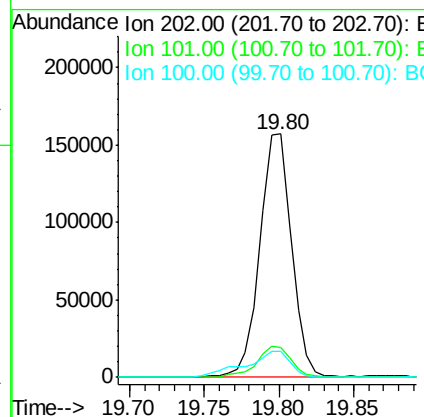
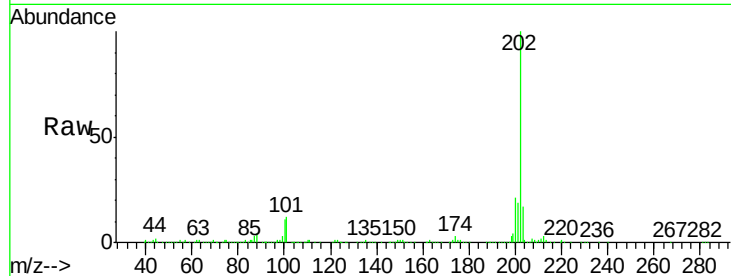
#20
 Pyrene
 Concen: 4.98 ng/ul
 RT: 19.80 min Scan# 2802
 Delta R.T. 0.00 min
 Lab File: BG026159.D
 Acq: 9 Mar 2017 21:15

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.4	11.2	16.8
100	10.8	9.8	14.6

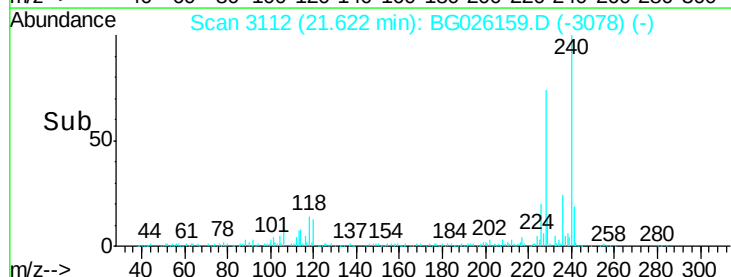
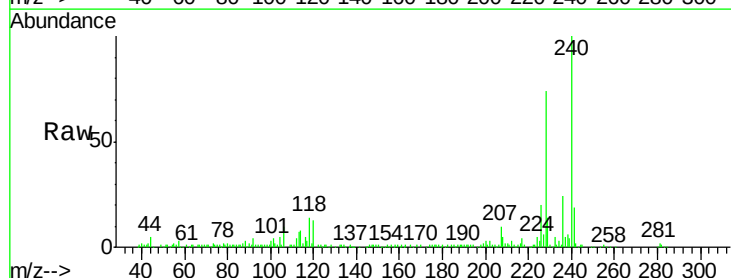
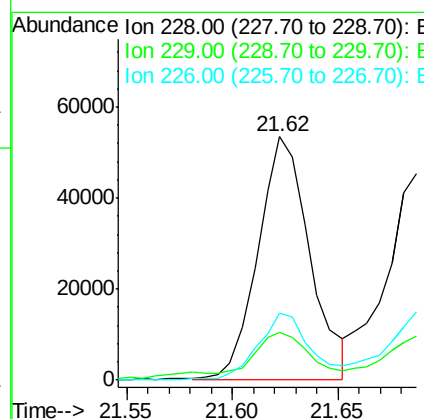
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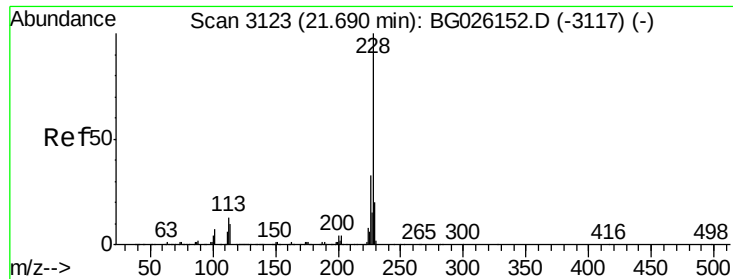
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#21
 Benzo(a)anthracene
 Concen: 2.25 ng/ul
 RT: 21.62 min Scan# 3112
 Delta R.T. -0.00 min
 Lab File: BG026159.D
 Acq: 9 Mar 2017 21:15

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	19.5	15.9	23.9
226	27.8	22.1	33.1





#22

Chrysene

Concen: 2.25 ng/ul

RT: 21.69 min Scan# 3123

Delta R.T. -0.00 min

Lab File: BG026159.D

Acq: 9 Mar 2017 21:15

Instrument :

BNA_G

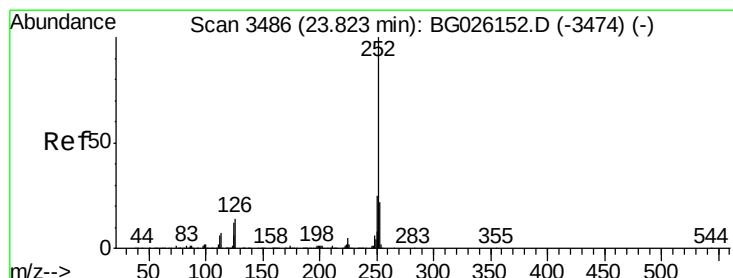
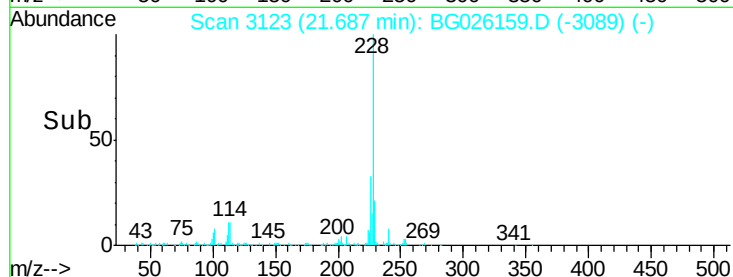
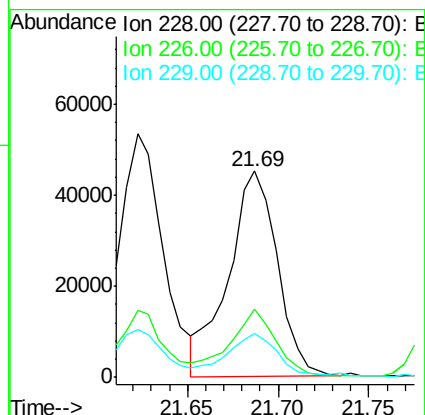
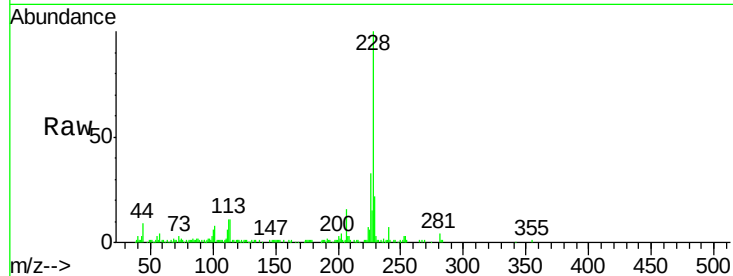
ClientSampleId :

C0AJ2

Tgt Ion:	228	Resp:	84486
Ion Ratio	Lower	Upper	
228	100		
226	33.3	25.0	37.6
229	21.6	16.6	25.0

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#24

Benzo(b)fluoranthene

Concen: 2.38 ng/ul

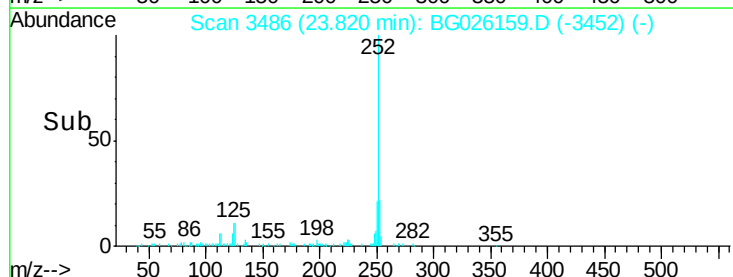
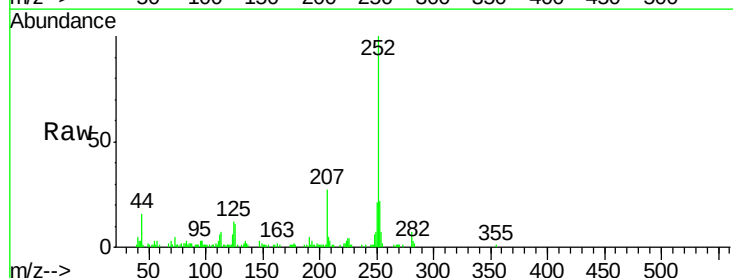
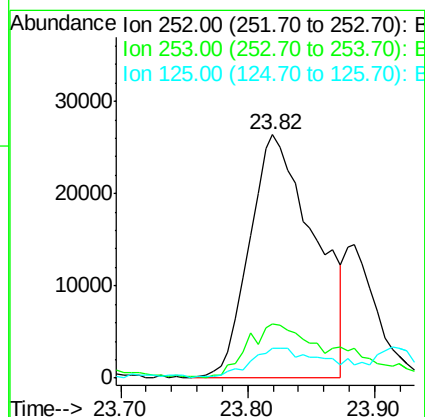
RT: 23.82 min Scan# 3486

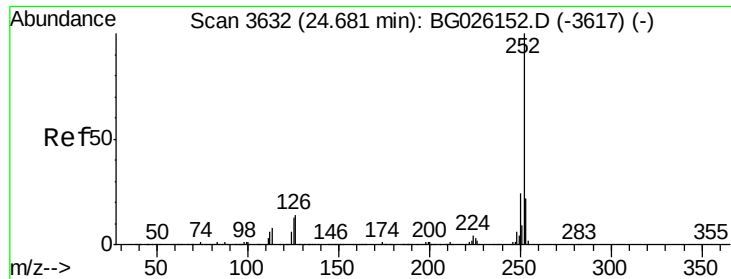
Delta R.T. -0.00 min

Lab File: BG026159.D

Acq: 9 Mar 2017 21:15

Tgt Ion:	252	Resp:	93839
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.8	26.6
125	12.4	9.4	14.0





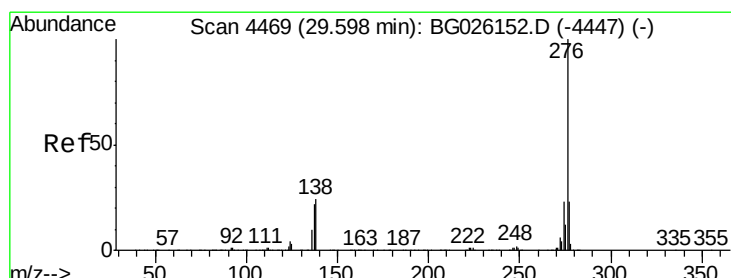
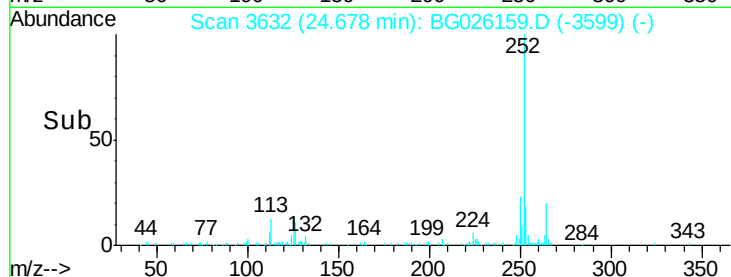
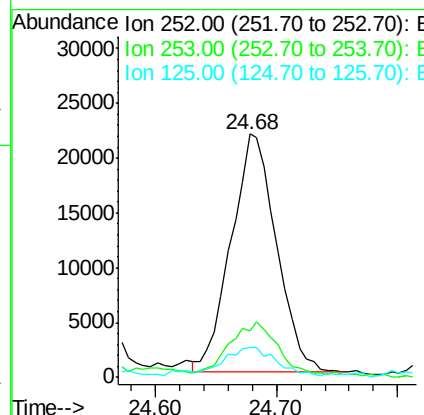
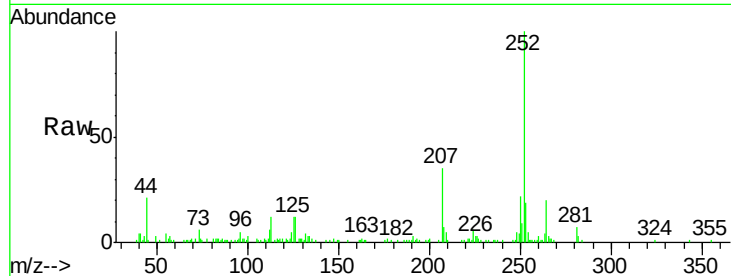
#27
Benzo(a)pyrene
Concen: 1.54 ng/ul
RT: 24.68 min Scan# 3632
Delta R.T. -0.01 min
Lab File: BG026159.D
Acq: 9 Mar 2017 21:15

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
252	100		
253	19.1	17.1	25.7
125	12.0	9.4	14.2

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#30
Benzo(g,h,i)perylene
Concen: 1.08 ng/ul m
RT: 29.58 min Scan# 4467
Delta R.T. -0.02 min
Lab File: BG026159.D
Acq: 9 Mar 2017 21:15

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.2	19.0	28.4
277	27.8	19.7	29.5

