

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100917\
 Data File : BG029117.D
 Acq On : 9 Oct 2017 21:17
 Operator : SJ/JU
 Sample : I5578-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DAGQ4

Manual Integrations
 APPROVED

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Quant Time: Oct 10 06:39:33 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG100717MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 10 06:24:09 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	53027	20.00	ng/ul	0.00
2) Naphthalene-d8	11.03	136	234337	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.82	164	158779	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.56	188	370986	20.00	ng/ul	0.00
17) Chrysene-d12	21.84	240	398970	20.00	ng/ul	0.00
22) Perylene-d12	25.19	264	413708	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.52	160	318918	19.31	ng/ul	0.00
10) Fluorene-d10	15.81	176	240825	20.11	ng/ul	0.00
14) Anthracene-d10	17.66	188	352433	19.61	ng/ul	0.00
18) Pyrene-d10	19.93	212	433179	21.22	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.95	264	405166	20.44	ng/ul	0.00
Target Compounds				Ovalue		
13) Phenanthrene	17.60	178	46659	2.358	ng/ul	99
16) Fluoranthene	19.59	202	109257	4.710	ng/ul#	90
19) Pyrene	19.96	202	101437	4.079	ng/ul	95
20) Benzo(a)anthracene	21.82	228	68613	2.920	ng/ul	97
21) Chrysene	21.89	228	70849	3.293	ng/ul	94
23) Benzo(b)fluoranthene	24.12	252	107043	4.325	ng/ul#	94
24) Benzo(k)fluoranthene	24.18	252	41717	1.727	ng/ul#	95
26) Benzo(a)pyrene	25.02	252	68423m	2.846	ng/ul	
27) Indeno(1,2,3-cd)pyrene	29.00	276	56109	2.057	ng/ul	94
29) Benzo(g,h,i)perylene	30.19	276	48177	2.141	ng/ul	93

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

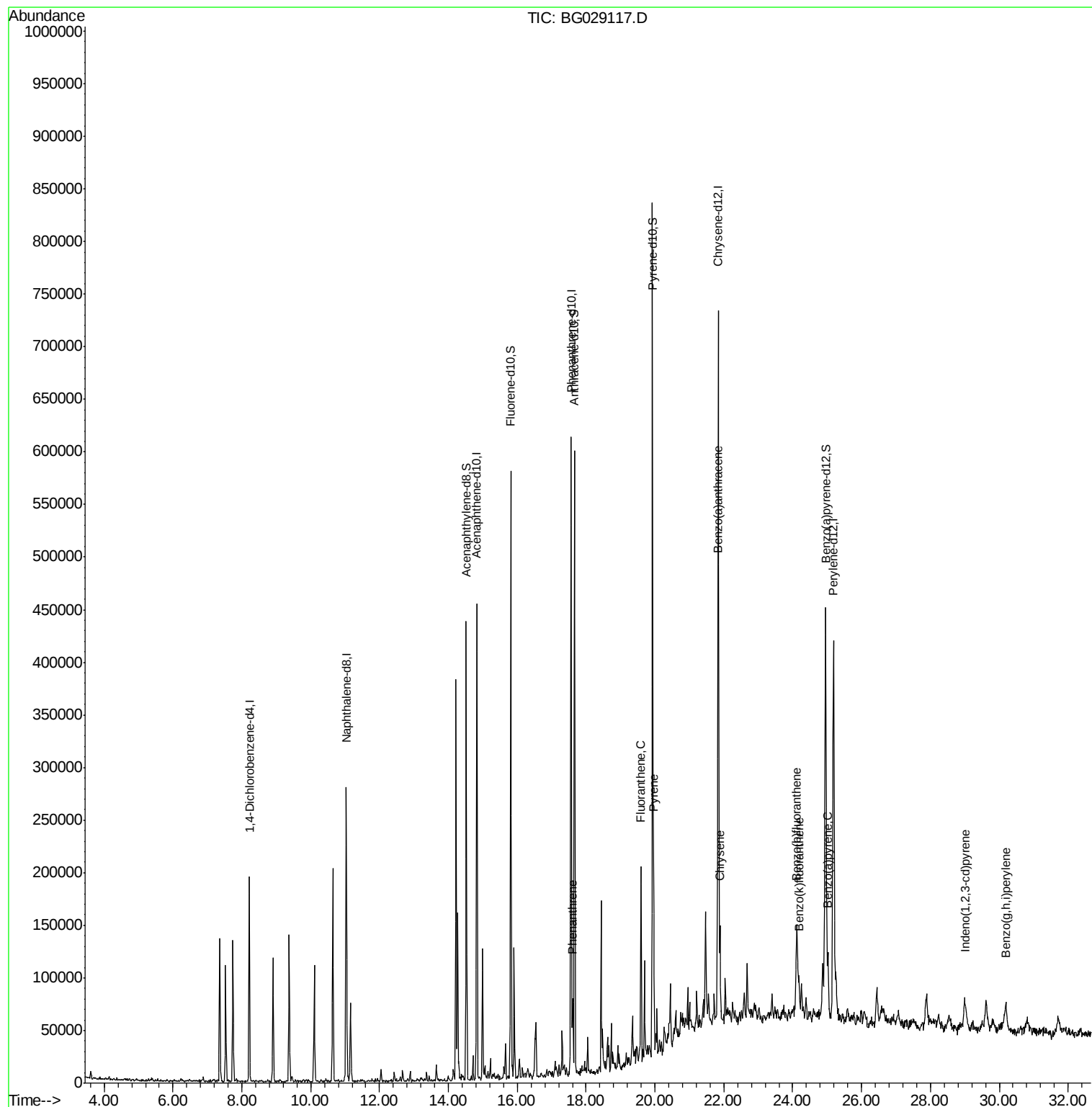
Data Path : Z:\HPCHEM1\BNA G\DATA\BG100917\
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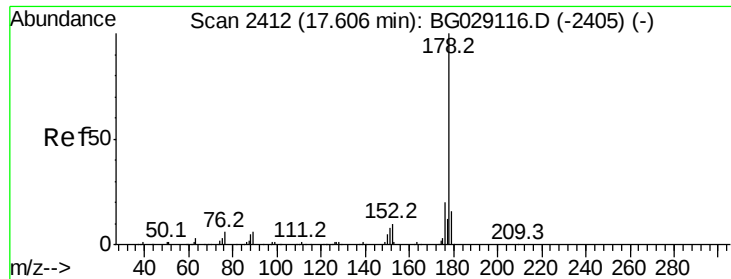
Instrument :
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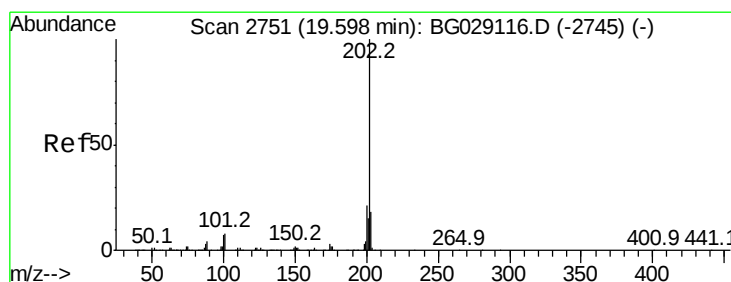
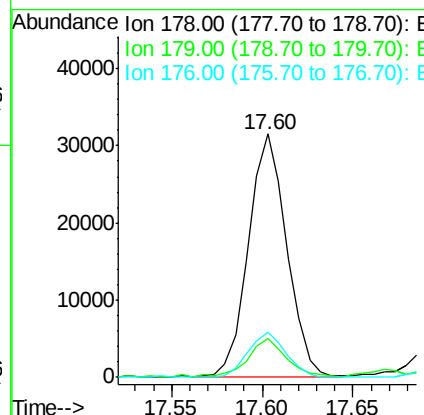
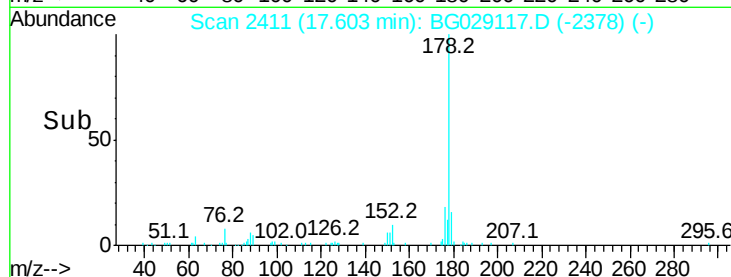
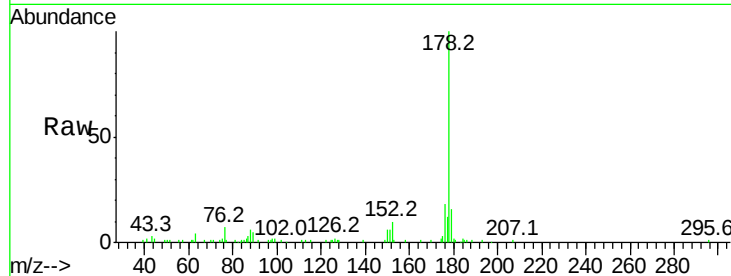
#13
Phenanthrene
Concen: 2.358 ng/ul
RT: 17.60 min Scan# 2411
Delta R.T. -0.00 min
Lab File: BG029117.D
Acq: 9 Oct 2017 21:17

Instrument :
BNA_G
ClientSampleId :
DAGQ4

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.3	18.5
176	18.3	15.1	22.7

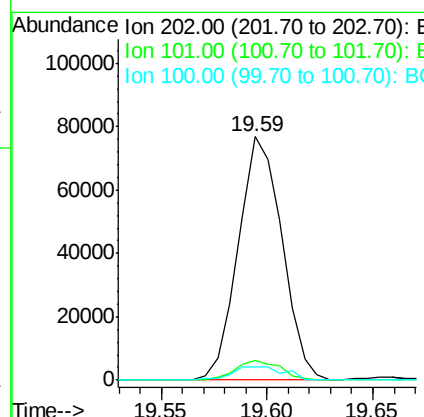
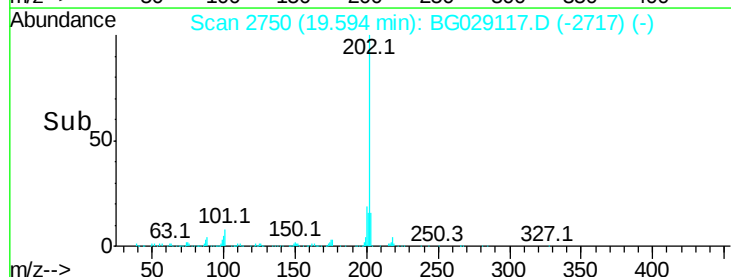
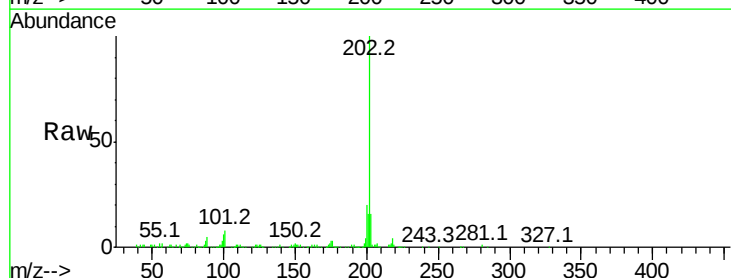
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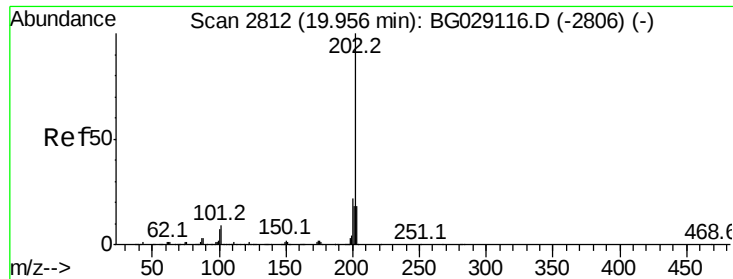
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#16
Fluoranthene
Concen: 4.710 ng/ul
RT: 19.59 min Scan# 2750
Delta R.T. -0.00 min
Lab File: BG029117.D
Acq: 9 Oct 2017 21:17

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.2	9.9	14.9#
100	5.6	7.4	11.0#





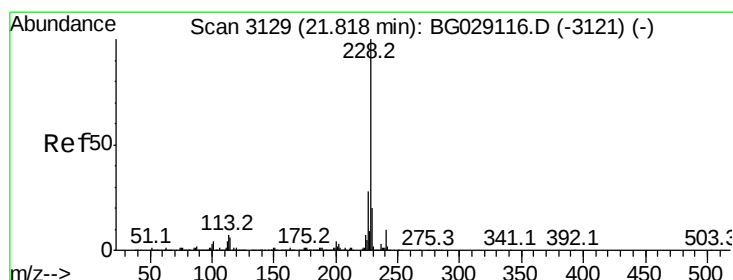
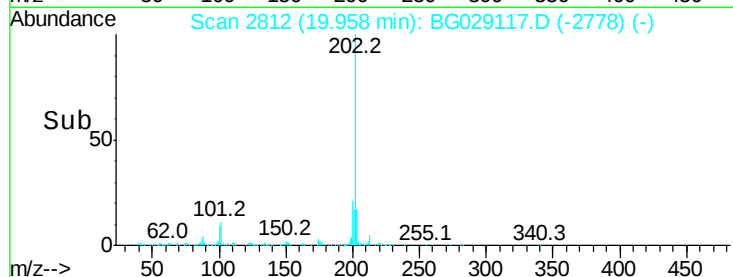
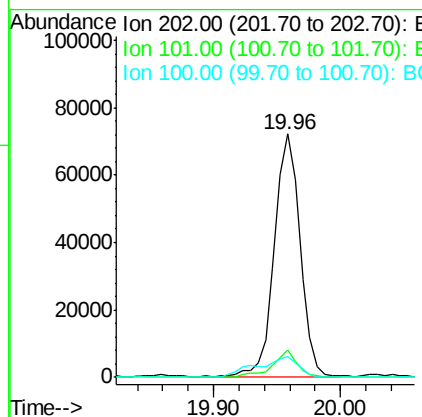
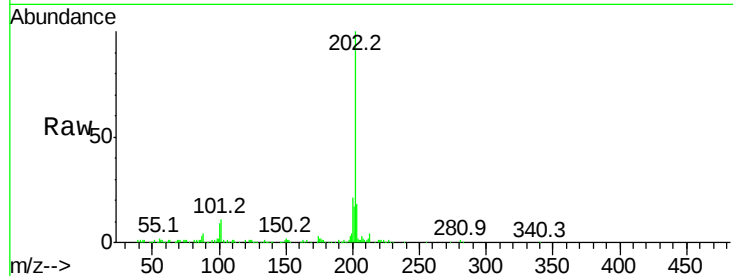
#19
Pvrene
Concen: 4.079 ng/ul
RT: 19.96 min Scan# 2812
Delta R.T. 0.00 min
Lab File: BG029117.D
Acq: 9 Oct 2017 21:17

Instrument :
BNA_G
ClientSampleId :
DAGQ4

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.4	11.0	16.4
100	8.7	8.1	12.1

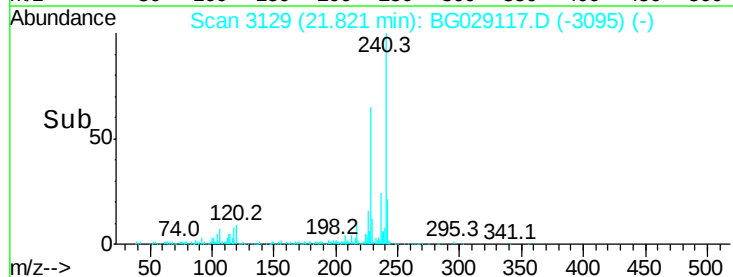
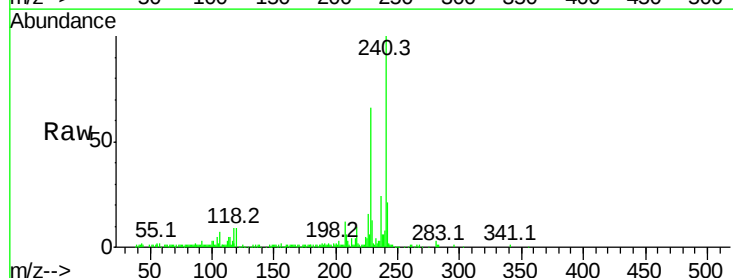
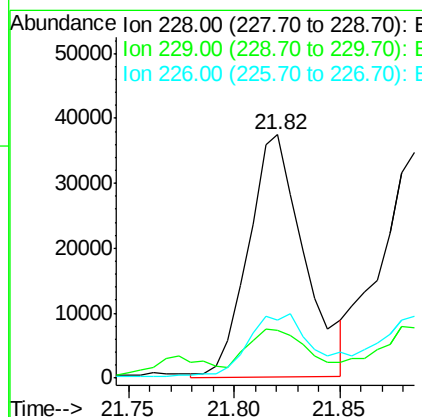
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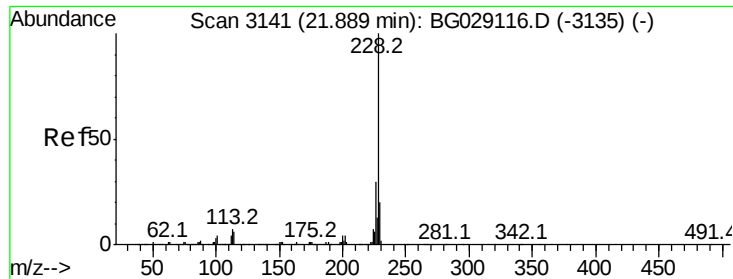
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#20
Benzo(a)anthracene
Concen: 2.920 ng/ul
RT: 21.82 min Scan# 3129
Delta R.T. 0.00 min
Lab File: BG029117.D
Acq: 9 Oct 2017 21:17

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	19.7	15.7	23.5
226	24.0	21.1	31.7





#21

Chrysene

Concen: 3.293 ng/ul

RT: 21.89 min Scan# 3140

Delta R.T. -0.00 min

Lab File: BG029117.D

Acq: 9 Oct 2017 21:17

Instrument :

BNA_G

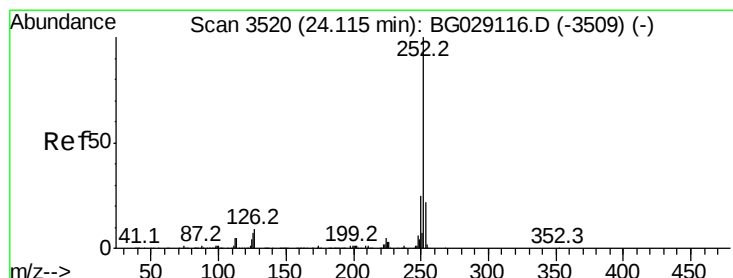
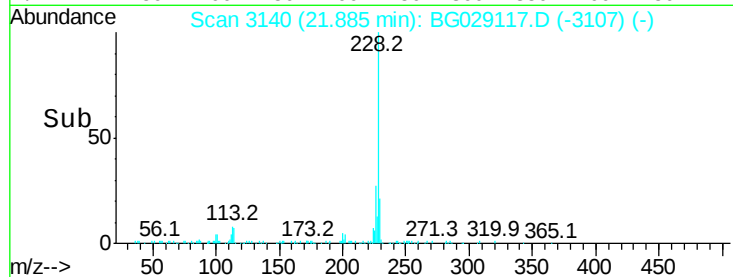
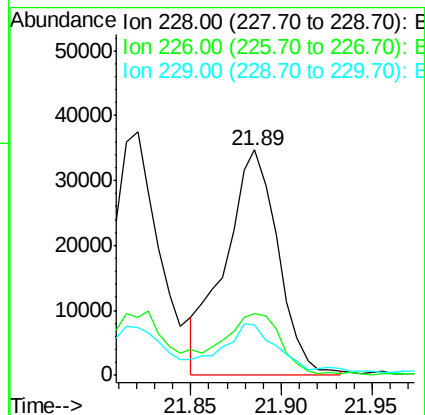
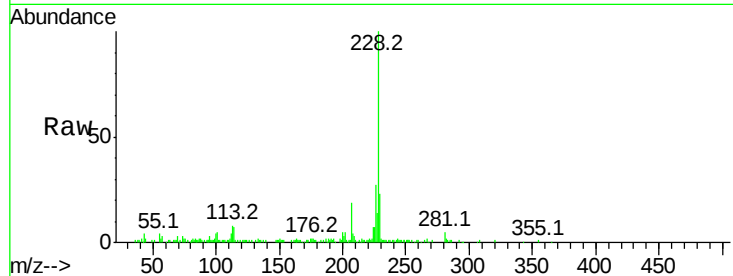
ClientSampleId :

DAGQ4

Tot Ion:	228	Resp:	70849
Ion Ratio	Lower	Upper	
228	100		
226	27.4	24.5	36.7
229	22.5	15.8	23.8

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#23

Benzo(b)fluoranthene

Concen: 4.325 ng/ul

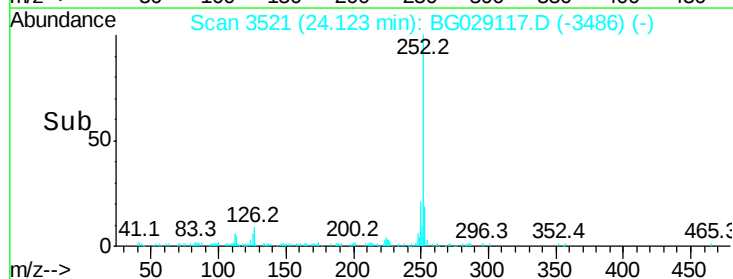
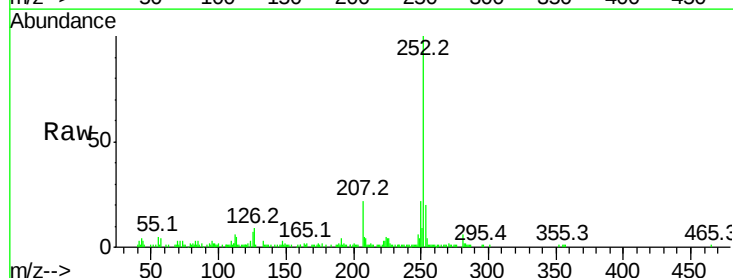
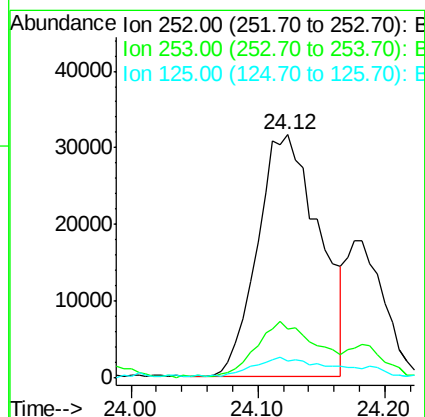
RT: 24.12 min Scan# 3521

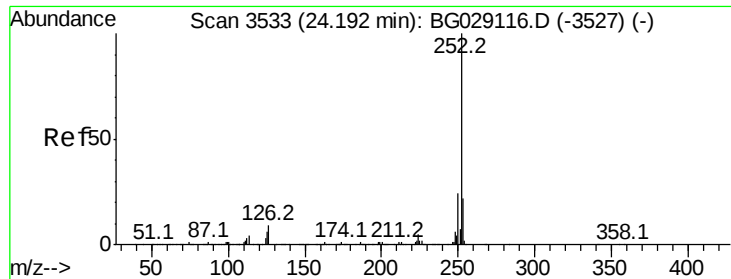
Delta R.T. 0.01 min

Lab File: BG029117.D

Acq: 9 Oct 2017 21:17

Tgt Ion:	252	Resp:	107043
Ion Ratio	Lower	Upper	
252	100		
253	20.1	18.0	27.0
125	6.8	8.0	12.0#





#24

Benzo(k)fluoranthene

Concen: 1.727 ng/ul

RT: 24.18 min Scan# 3531

Delta R.T. -0.01 min

Lab File: BG029117.D

Acq: 9 Oct 2017 21:17

Instrument :

BNA_G

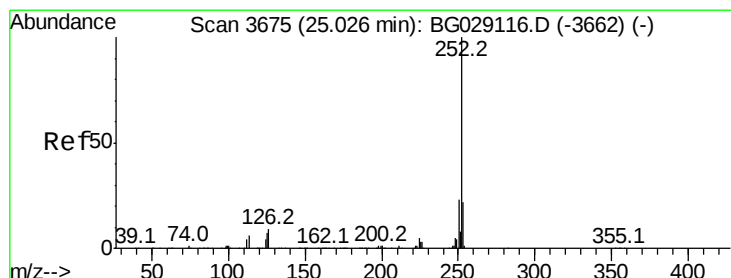
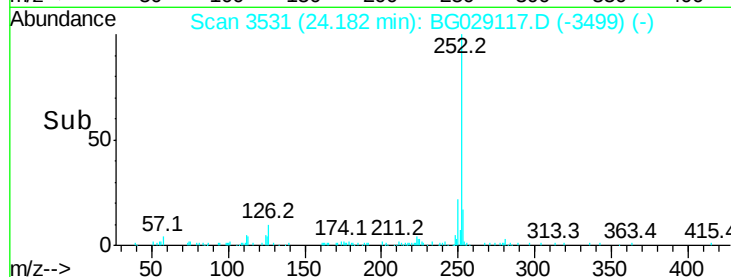
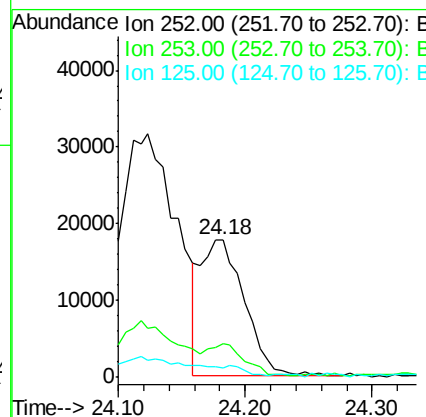
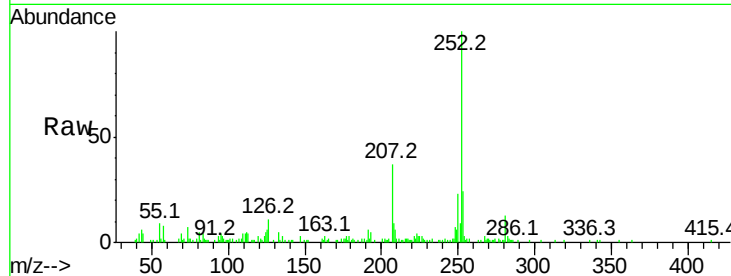
ClientSampleId :

DAGQ4

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.0	27.0
125	6.5	8.1	12.1

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#26

Benzo(a)pyrene

Concen: 2.846 ng/ul m

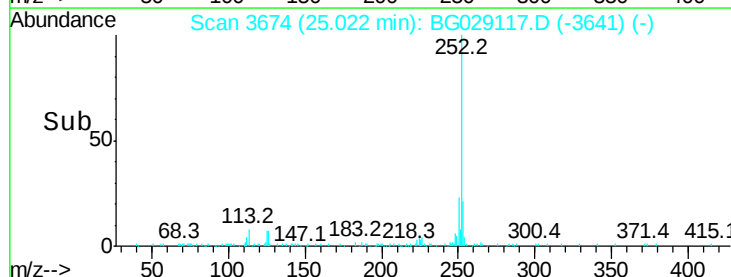
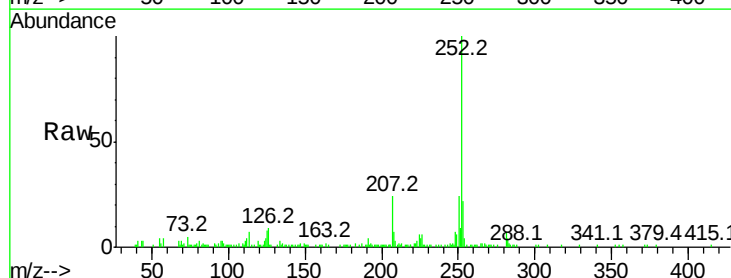
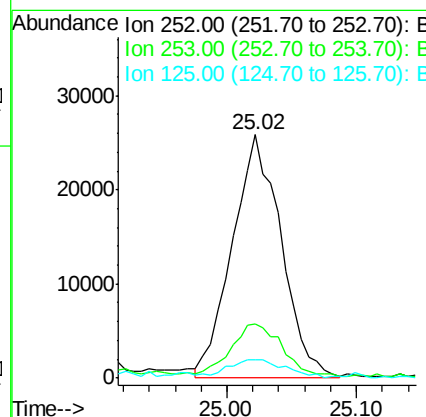
RT: 25.02 min Scan# 3674

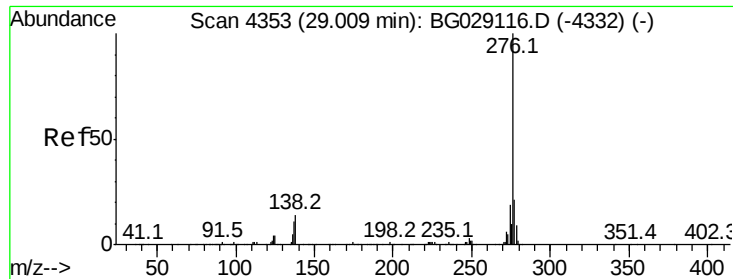
Delta R.T. -0.00 min

Lab File: BG029117.D

Acq: 9 Oct 2017 21:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.2	25.8
125	7.5	8.2	12.4





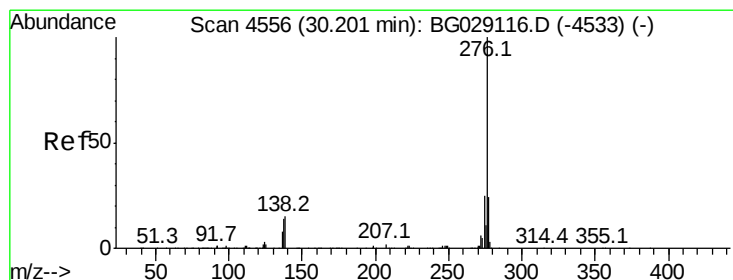
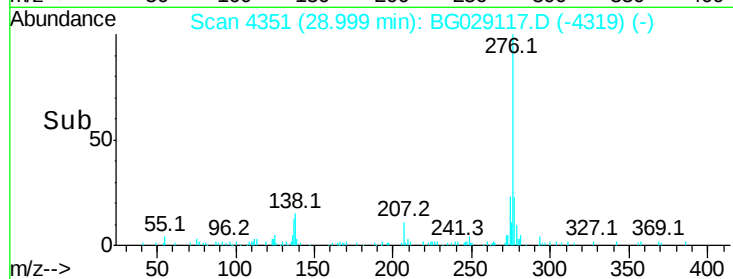
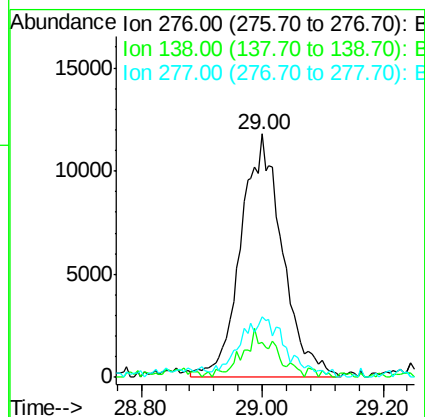
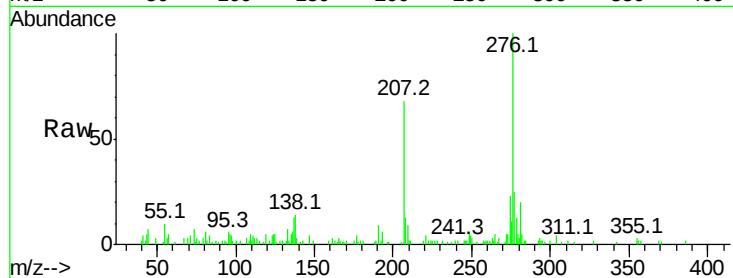
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 2.057 ng/ul
 RT: 29.00 min Scan# 4351
 Delta R.T. -0.01 min
 Lab File: BG029117.D
 Acq: 9 Oct 2017 21:17

Instrument :
 BNA_G
 ClientSampleId :
 DAGQ4

Tot Ion	Ratio	Lower	Upper
276	100		
138	14.4	14.4	21.6
277	24.9	18.0	27.0

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#29
 Benzo(g,h,i)perylene
 Concen: 2.141 ng/ul
 RT: 30.19 min Scan# 4553
 Delta R.T. -0.02 min
 Lab File: BG029117.D
 Acq: 9 Oct 2017 21:17

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.8	15.3	22.9
277	28.0	19.0	28.4

