

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100917\
 Data File : BG029105.D
 Acq On : 9 Oct 2017 13:19
 Operator : SJ/JU
 Sample : I5578-02MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DAGC5MS

Manual Integrations
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Quant Time: Oct 10 05:20:38 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG100717MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 10 04:45:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	48341	20.00	ng/ul	0.00
2) Naphthalene-d8	11.03	136	223514	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.82	164	153403	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.56	188	357241m	20.00	ng/ul	0.00
17) Chrysene-d12	21.84	240	378024m	20.00	ng/ul	0.00
22) Perylene-d12	25.18	264	380473	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.52	160	399675	25.05	ng/ul	0.00
10) Fluorene-d10	15.81	176	316565	27.36	ng/ul	0.00
14) Anthracene-d10	17.66	188	478967m	27.68	ng/ul	0.00
18) Pyrene-d10	19.93	212	577768	29.87	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.96	264	543164	29.80	ng/ul	0.00
Target Compounds				Ovalue		
9) Acenaphthene	14.89	153	221496	21.188	ng/ul	95
13) Phenanthrene	17.60	178	80006m	4.199	ng/ul	
16) Fluoranthene	19.60	202	153185m	6.858	ng/ul	
19) Pyrene	19.96	202	642145m	27.251	ng/ul	
20) Benzo(a)anthracene	21.82	228	81086m	3.642	ng/ul	
21) Chrysene	21.88	228	81424	3.994	ng/ul	97
23) Benzo(b)fluoranthene	24.12	252	117792	5.175	ng/ul	98
24) Benzo(k)fluoranthene	24.18	252	32479	1.462	ng/ul#	92
26) Benzo(a)pyrene	25.03	252	71671	3.242	ng/ul#	96
27) Indeno(1,2,3-cd)pyrene	29.00	276	50424	2.010	ng/ul#	90
29) Benzo(g,h,i)perylene	30.17	276	42934	2.075	ng/ul	96

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

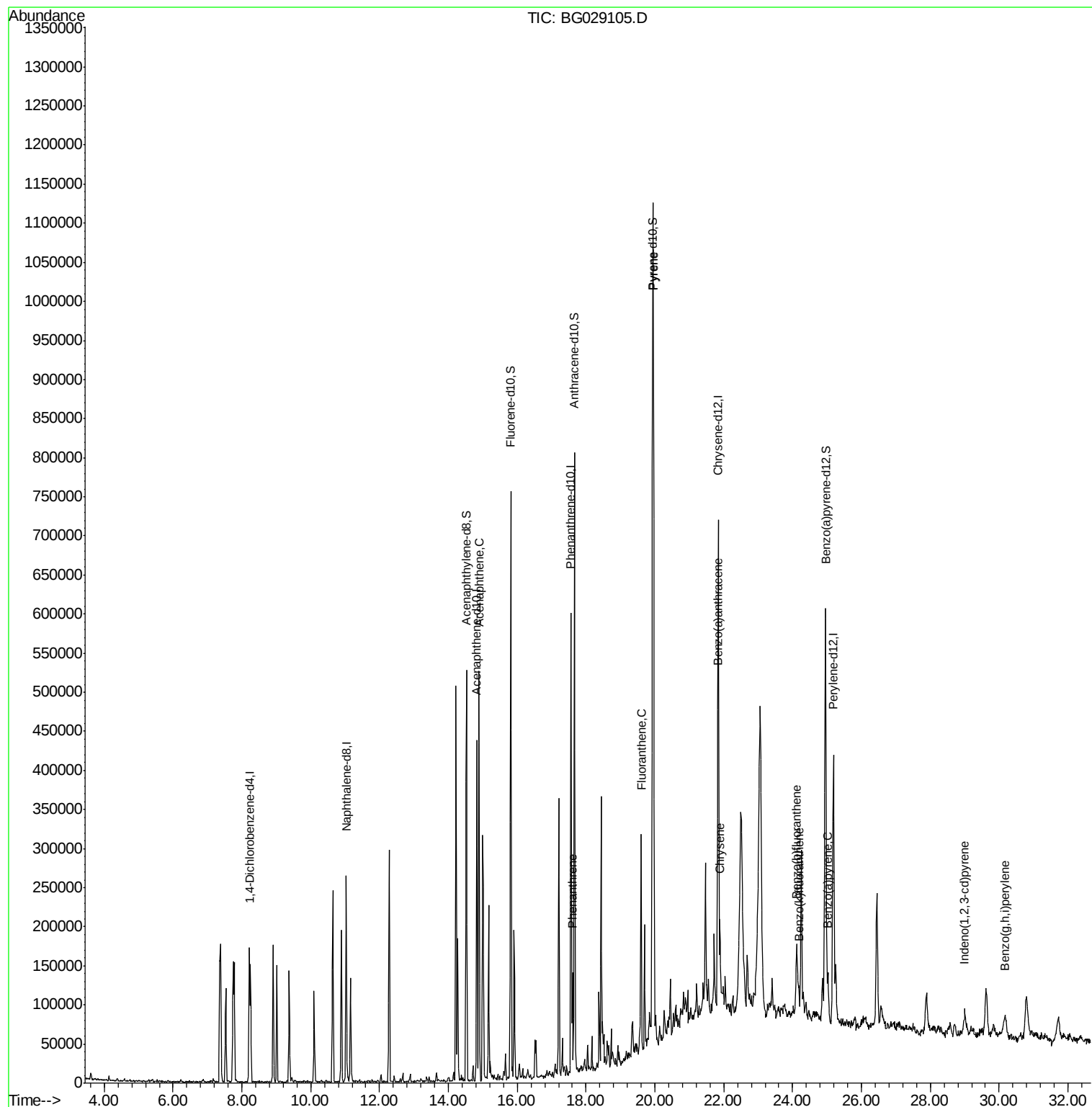
Data Path : Z:\HPCHEM1\BNA G\DATA\BG100917\
Data File : BG029105.D
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Operator : SJ/JU
Sample : I5578-02MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

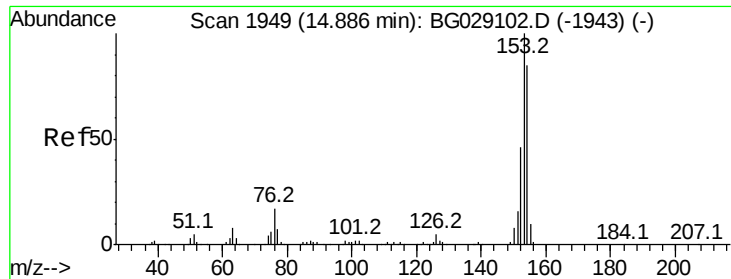
Instrument :
BNA_G
ClientSampleID :
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Quant Time: Oct 10 05:20:38 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG100717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 10 04:45:55 2017
Response via : Initial Calibration





#9

Acenaphthene

Concen: 21.188 ng/ul

RT: 14.89 min Scan# 1949

Delta R.T. 0.00 min

Lab File: BG029105.D

Acq: 9 Oct 2017 13:19

Instrument :

BNA_G

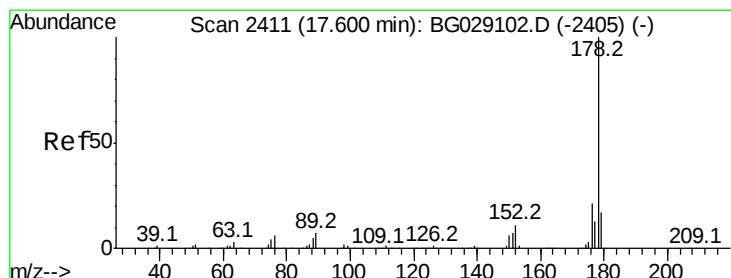
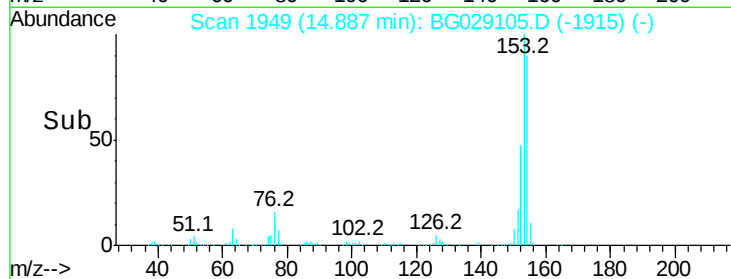
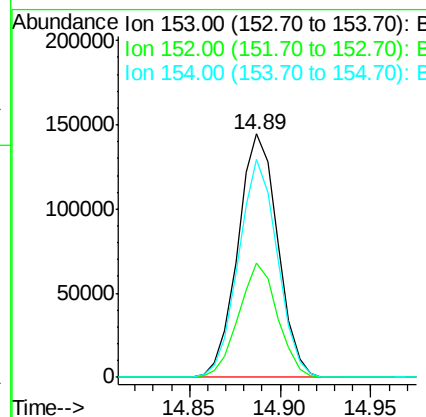
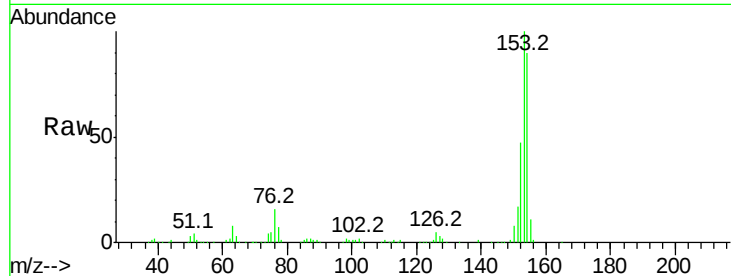
ClientSampleId :

DAGC5MS

Tot Ion:	153	Resp:	221496
Ion Ratio	Lower	Upper	
153	100		
152	46.8	39.0	58.6
154	89.8	66.8	100.2

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#13

Phenanthrene

Concen: 4.199 ng/ul m

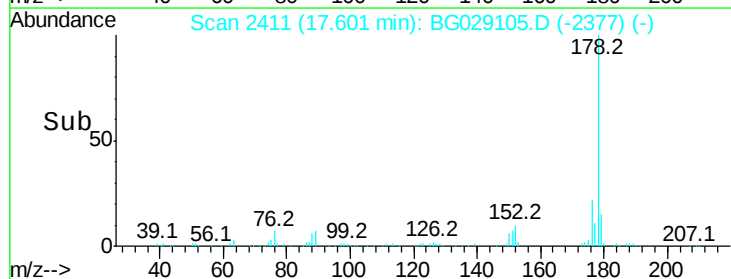
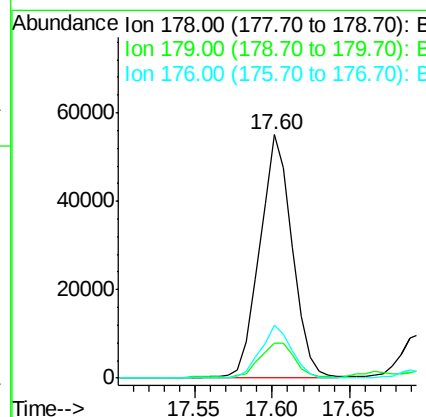
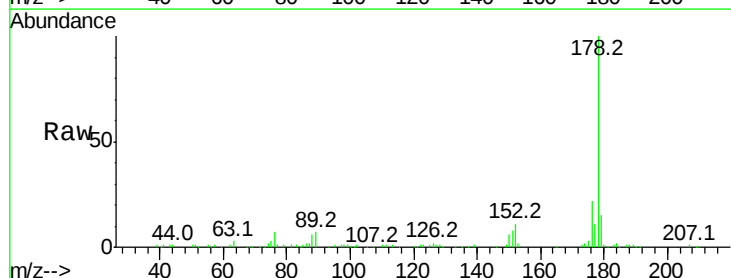
RT: 17.60 min Scan# 2411

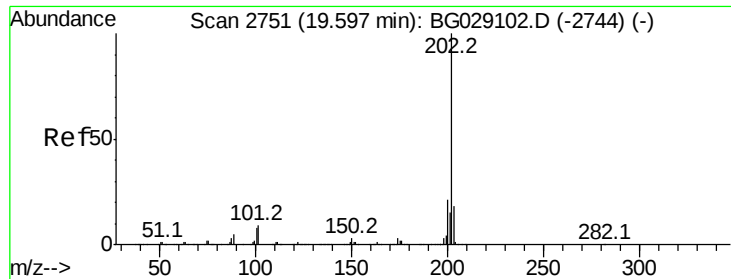
Delta R.T. 0.00 min

Lab File: BG029105.D

Acq: 9 Oct 2017 13:19

Tgt Ion:	178	Resp:	80006
Ion Ratio	Lower	Upper	
178	100		
179	14.6	12.3	18.5
176	21.7	15.1	22.7





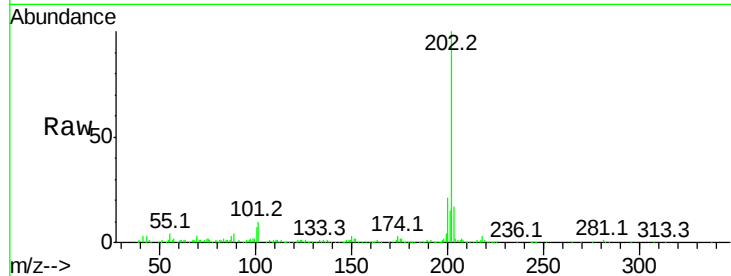
#16
Fluoranthene
Concen: 6.858 ng/ul m
RT: 19.60 min Scan# 2751
Delta R.T. 0.00 min
Lab File: BG029105.D
Acq: 9 Oct 2017 13:19

Instrument :
BNA_G
ClientSampleId :
DAGC5MS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.6	9.9	14.9#
100	7.0	7.4	11.0#

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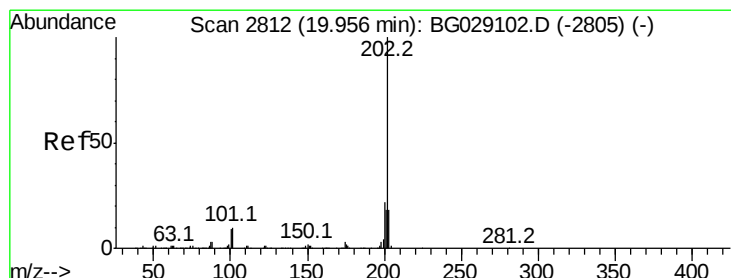
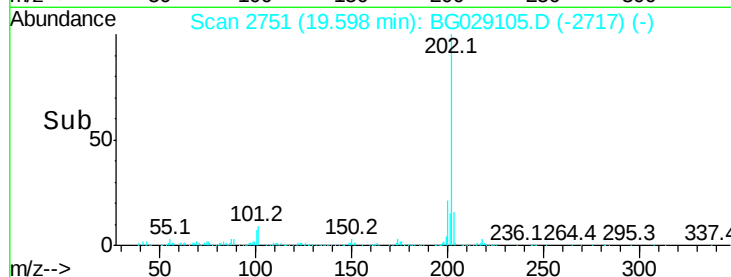
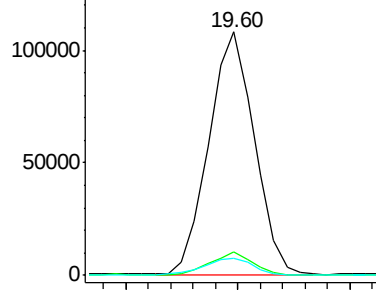


Abundance

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): B



#19
Pyrene
Concen: 27.251 ng/ul m
RT: 19.96 min Scan# 2813
Delta R.T. 0.01 min
Lab File: BG029105.D
Acq: 9 Oct 2017 13:19

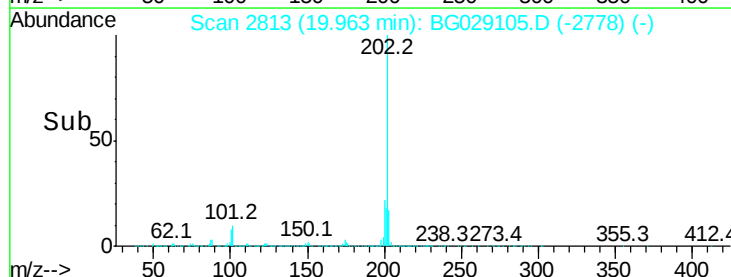
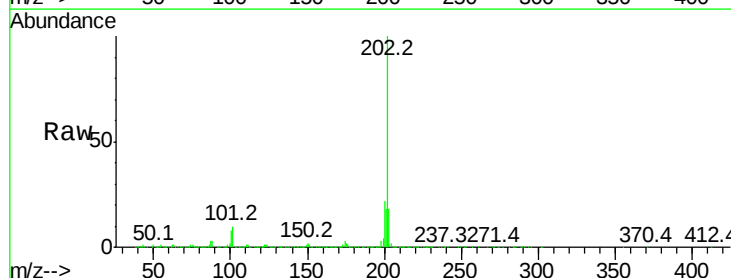
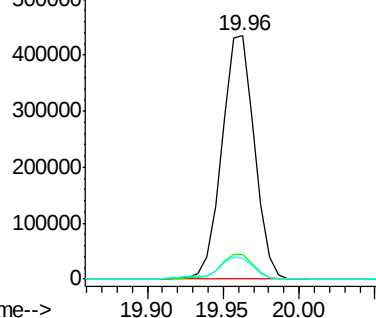
Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	10.0	11.0	16.4#
100	8.4	8.1	12.1

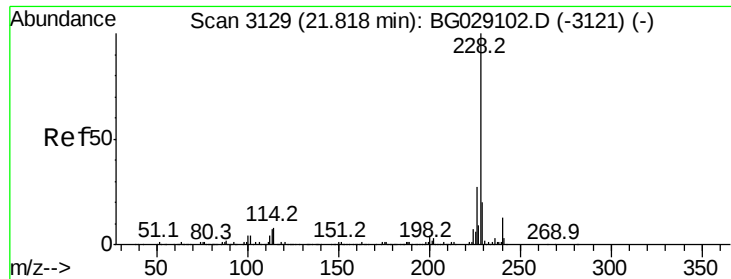
Abundance

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





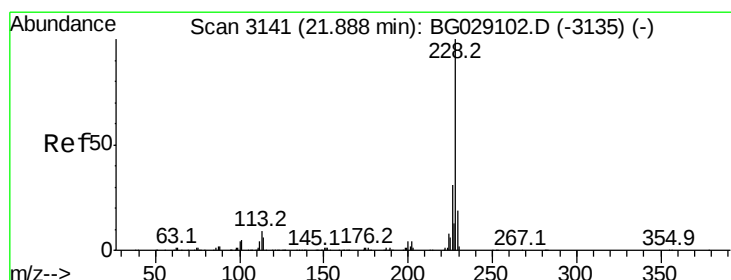
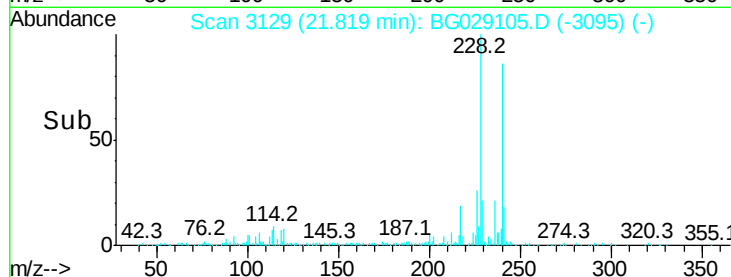
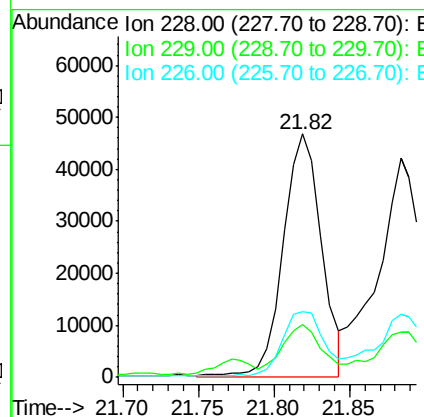
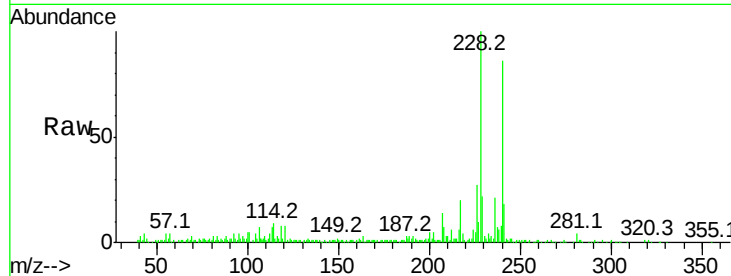
#20
Benzo(a)anthracene
Concen: 3.642 ng/ul m
RT: 21.82 min Scan# 3129
Delta R.T. 0.00 min
Lab File: BG029105.D
Acq: 9 Oct 2017 13:19

Instrument :
BNA_G
ClientSampleId :
DAGC5MS

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.8	15.7	23.5
226	26.8	21.1	31.7

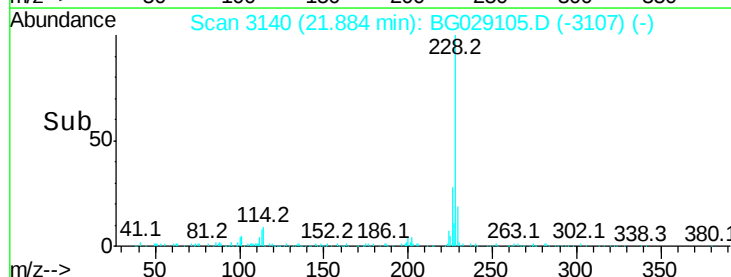
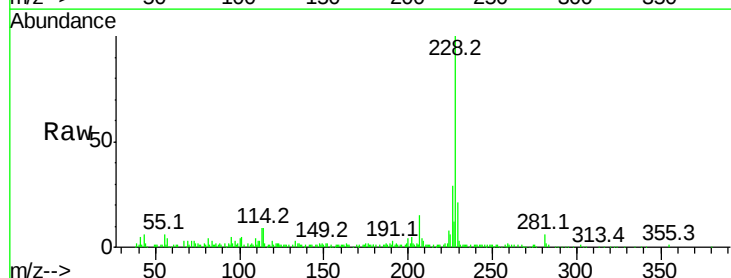
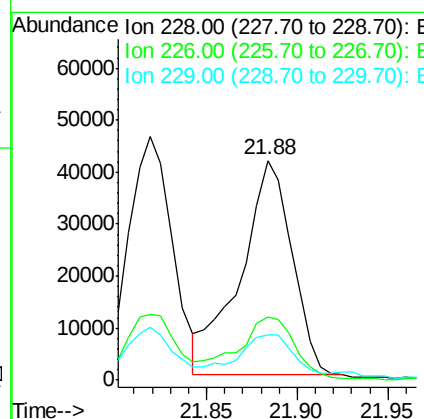
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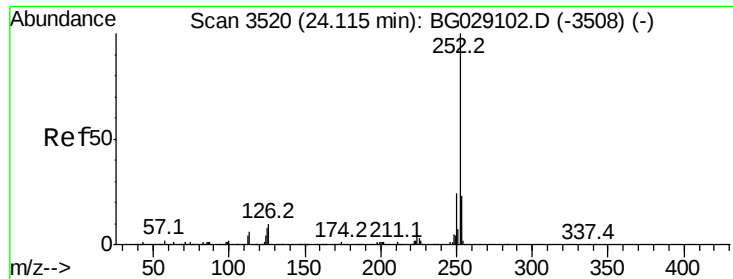
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#21
Chrysene
Concen: 3.994 ng/ul
RT: 21.88 min Scan# 3140
Delta R.T. -0.00 min
Lab File: BG029105.D
Acq: 9 Oct 2017 13:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.8	24.5	36.7
229	20.6	15.8	23.8





#23

Benzo(b)fluoranthene

Concen: 5.175 ng/ul

RT: 24.12 min Scan# 3521

Delta R.T. 0.01 min

Lab File: BG029105.D

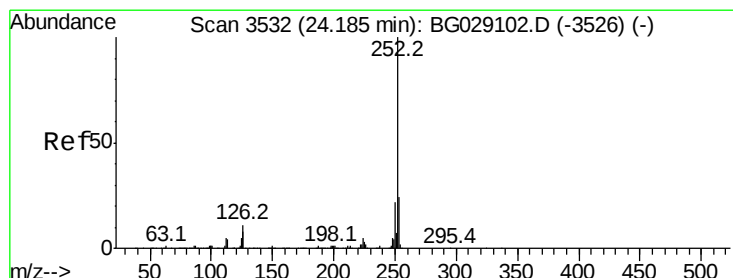
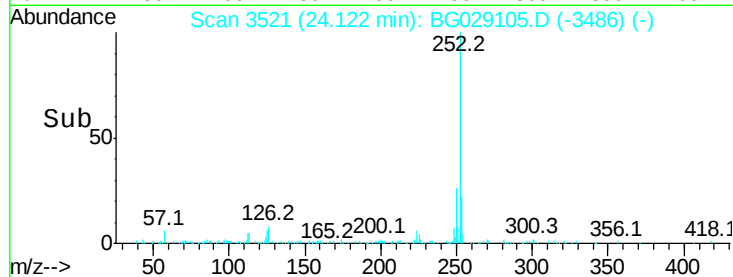
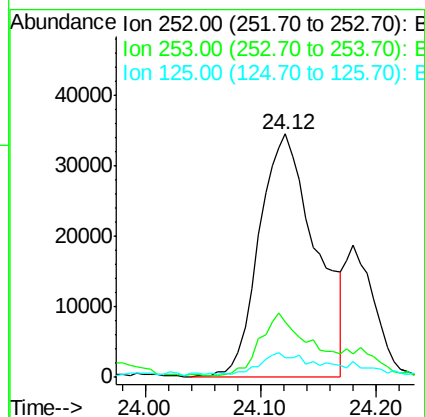
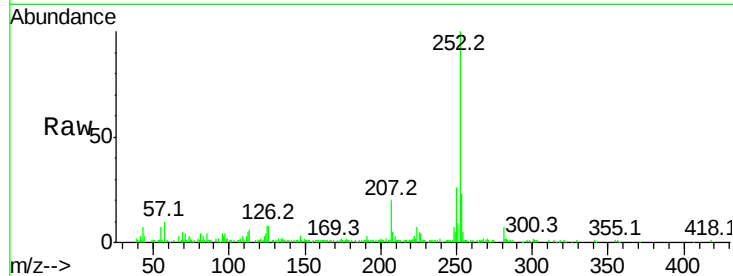
Acq: 9 Oct 2017 13:19

Instrument :
BNA_G
ClientSampleId :
DAGC5MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	8.1	8.0	12.0

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#24

Benzo(k)fluoranthene

Concen: 1.462 ng/ul

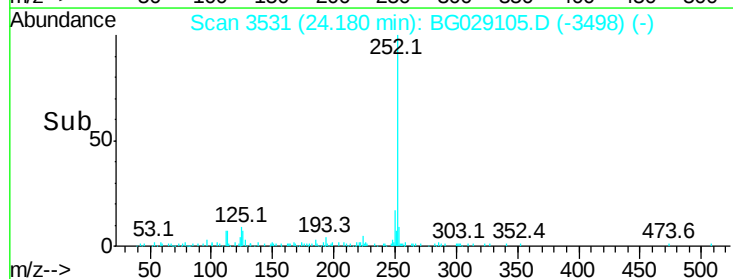
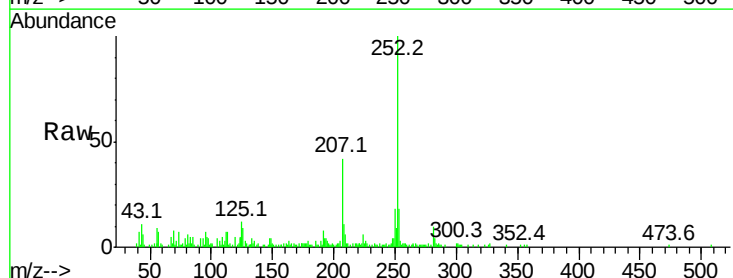
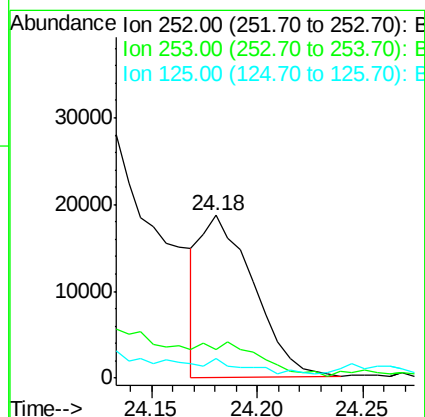
RT: 24.18 min Scan# 3531

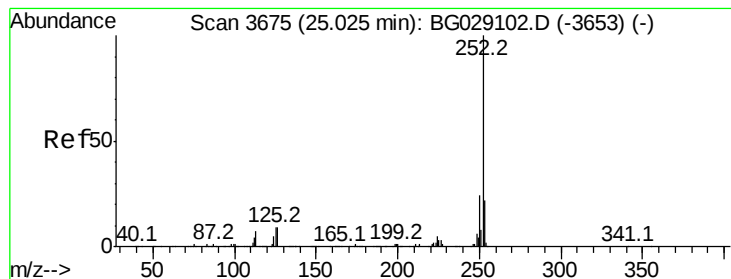
Delta R.T. -0.00 min

Lab File: BG029105.D

Acq: 9 Oct 2017 13:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	17.8	18.0	27.0#
125	11.9	8.1	12.1





#26

Benzo(a)pyrene

Concen: 3.242 ng/ul

RT: 25.03 min Scan# 3675

Delta R.T. 0.00 min

Lab File: BG029105.D

Acq: 9 Oct 2017 13:19

Instrument :

BNA_G

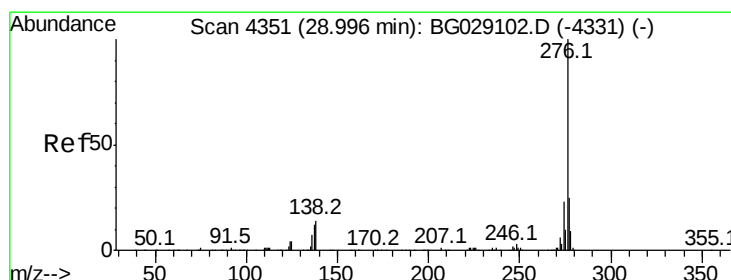
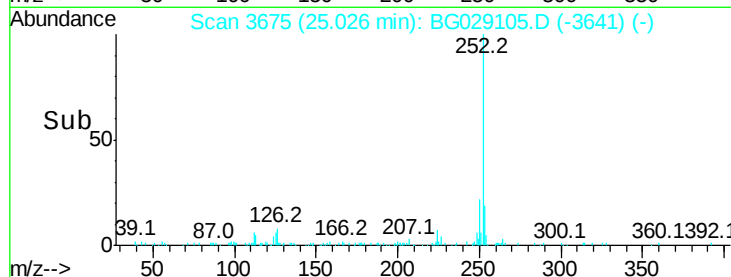
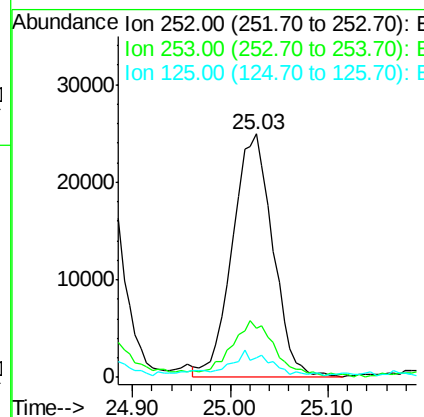
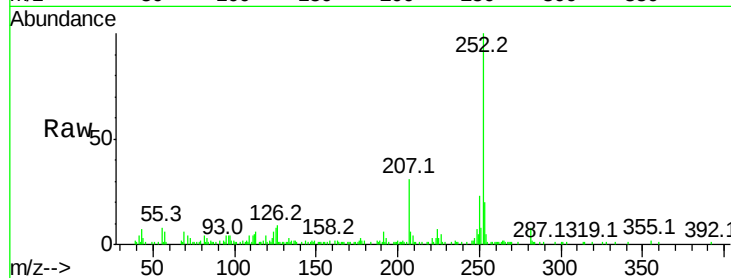
ClientSampleId :

DAGC5MS

Tot Ion:	252	Resp:	71671
Ion Ratio	Lower	Upper	
252	100		
253	20.0	17.2	25.8
125	7.9	8.2	12.4#

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#27

Indeno(1,2,3-cd)pyrene

Concen: 2.010 ng/ul

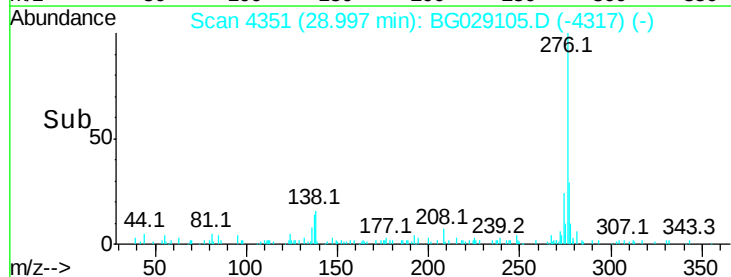
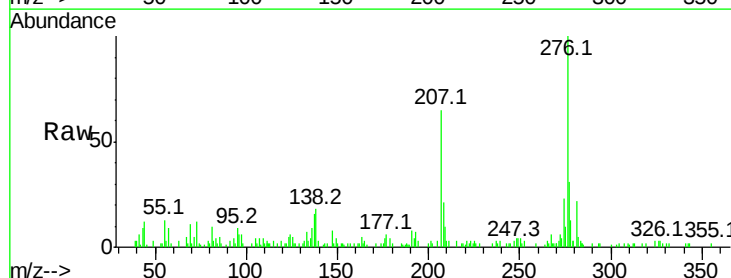
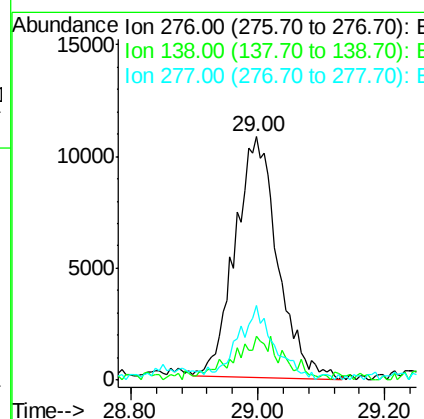
RT: 29.00 min Scan# 4351

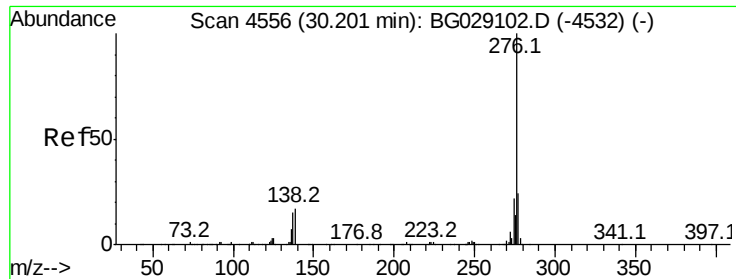
Delta R.T. 0.00 min

Lab File: BG029105.D

Acq: 9 Oct 2017 13:19

Tgt Ion:	276	Resp:	50424
Ion Ratio	Lower	Upper	
276	100		
138	18.2	14.4	21.6
277	30.8	18.0	27.0#





#29

Benzo(a,h,i)perylene

Concen: 2.075 ng/ul

RT: 30.17 min Scan# 4551

Delta R.T. -0.03 min

Lab File: BG029105.D

Acq: 9 Oct 2017 13:19

Instrument :

BNA_G

ClientSampleId :

DAGC5MS

Tot Ion:	276	Resp:	42934
Ion Ratio	Lower	Upper	
276	100		
138	18.3	15.3	22.9
277	26.3	19.0	28.4

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