

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112717\
 Data File : BG031234.D
 Acq On : 27 Nov 2017 18:23
 Operator : SJ/JU
 Sample : I6506-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0G73

Manual Integrations
 APPROVED

Sohil
 11/28/2017 3:08:19 PM

Quant Time: Nov 28 07:15:57 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG111617-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 28 04:50:20 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	48030	20.00	ng/ul	0.00
2) Naphthalene-d8	10.95	136	220244	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.75	164	155701	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.49	188	439324	20.00	ng/ul	0.00
18) Chrysene-d12	21.76	240	523924	20.00	ng/ul	0.00
23) Perylene-d12	25.06	264	515172	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.58	165	62334m	15.00	ng/uL	0.00
7) Acenaphthylene-d8	14.45	160	283975	17.54	ng/ul	0.00
10) Fluorene-d10	15.74	176	232869	17.90	ng/ul	0.00
15) Anthracene-d10	17.59	188	390081	17.74	ng/ul	0.00
19) Pyrene-d10	19.87	212	498095	20.81	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.83	264	458124	17.97	ng/ul	-0.01
Target Compounds						
14) Phenanthrene	17.54	178	25732	1.091	ng/ul	98
17) Fluoranthene	19.54	202	66372	2.023	ng/ul#	93
20) Pyrene	19.90	202	61446	2.210	ng/ul#	91
21) Benzo(a)anthracene	21.74	228	34876	1.093	ng/ul	97
22) Chrysene	21.81	228	37691	1.241	ng/ul	99
24) Benzo(b)fluoranthene	24.01	252	46480	1.493	ng/ul	97
27) Benzo(a)pyrene	24.90	252	31909m	1.070	ng/ul	

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

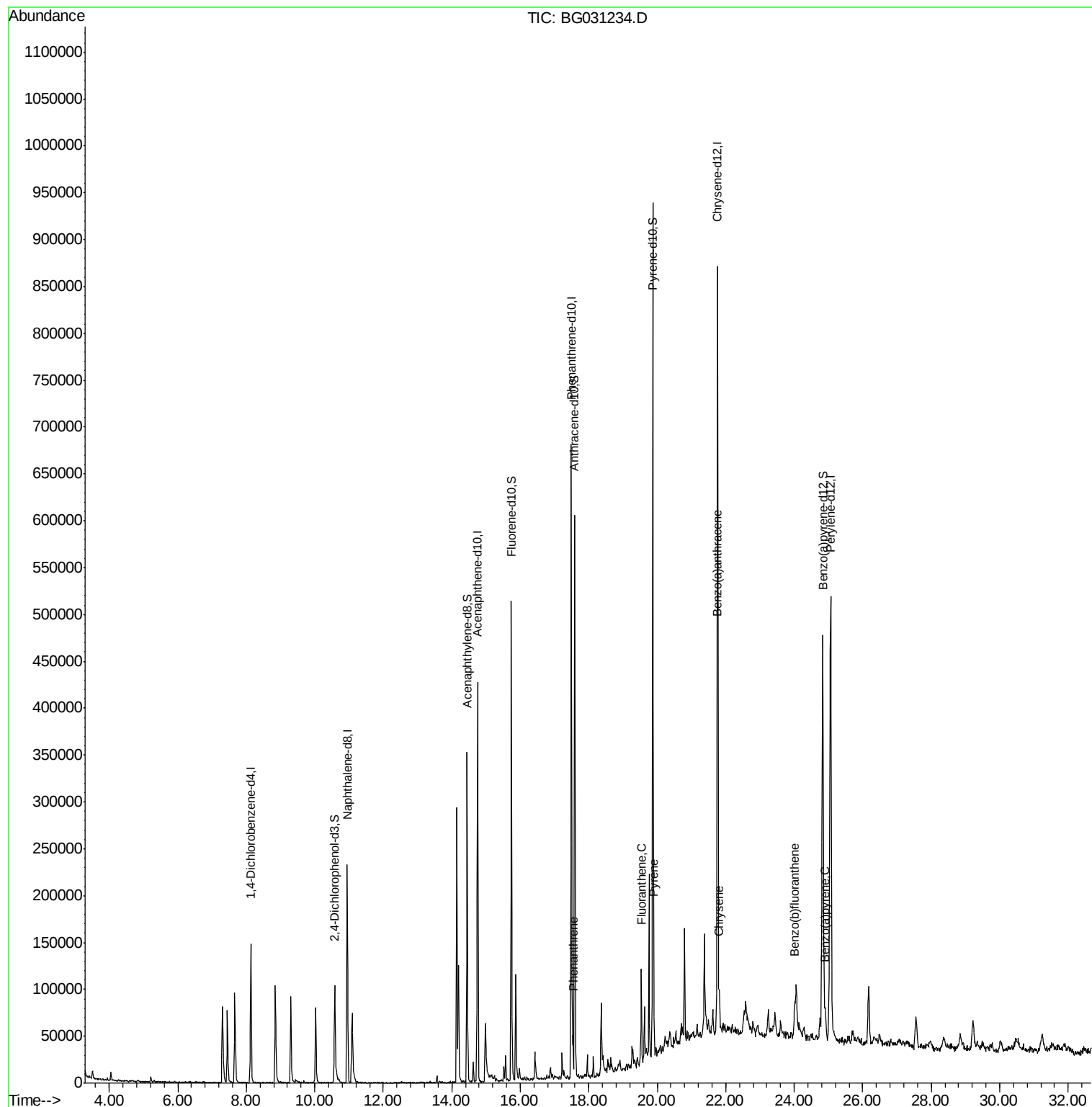
Data Path : Z:\HPCHEM1\BNA G\DATA\BG112717\
Data File : BG031234.D
Acq On : 27 Nov 2017 18:23
Operator : SJ/JU
Sample : I6506-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

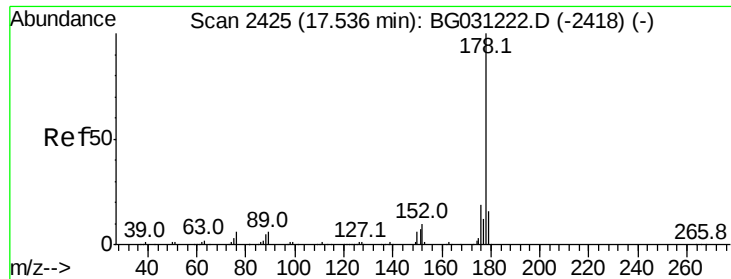
Instrument :
BNA_G
ClientSampleId :
B0G73

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#14

Phenanthrene

Concen: 1.091 ng/ul

RT: 17.54 min Scan# 2425

Delta R.T. 0.00 min

Lab File: BG031234.D

Acq: 27 Nov 2017 18:23

Instrument :

BNA_G

ClientSampled :

B0G73

Tot Ion:178 Resp: 25732

Ion Ratio Lower Upper

178 100

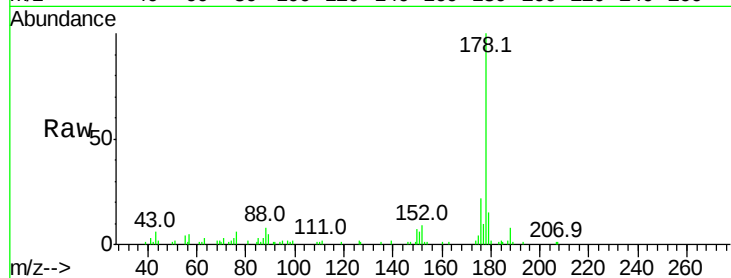
179 14.9 12.2 18.4

176 21.7 16.4 24.6

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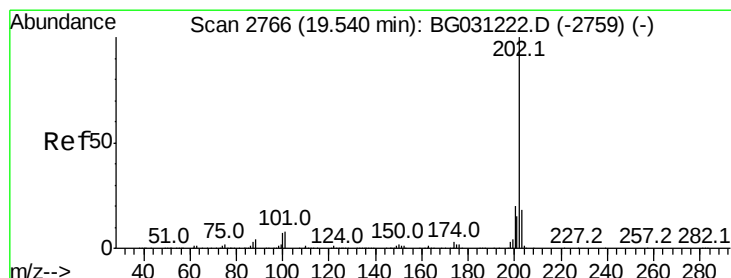
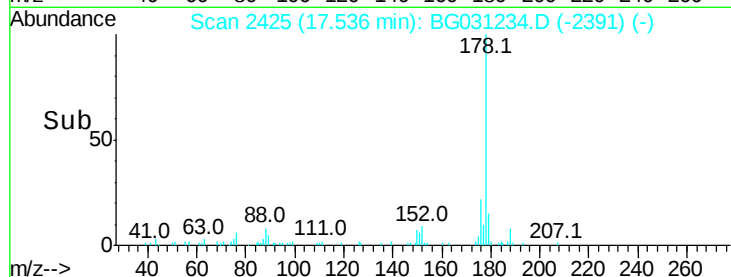
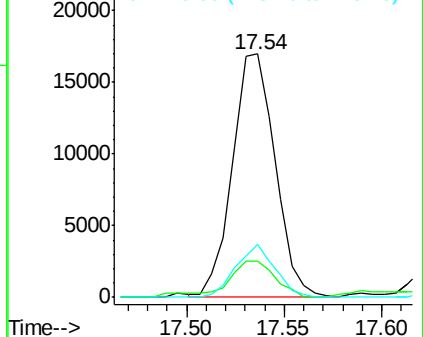
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#17

Fluoranthene

Concen: 2.023 ng/ul

RT: 19.54 min Scan# 2766

Delta R.T. 0.00 min

Lab File: BG031234.D

Acq: 27 Nov 2017 18:23

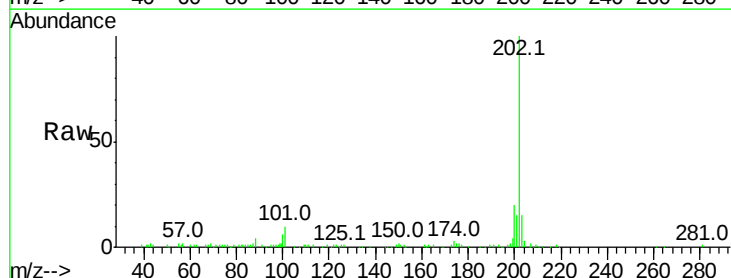
Tgt Ion:202 Resp: 66372

Ion Ratio Lower Upper

202 100

101 10.5 9.8 14.8

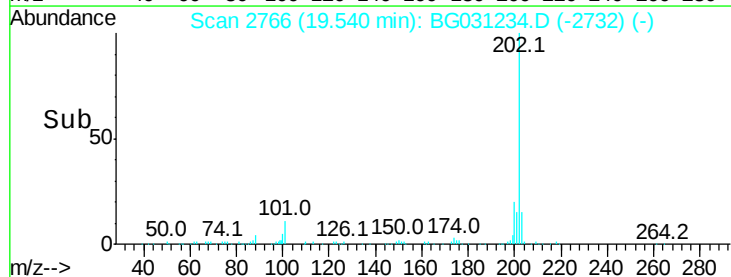
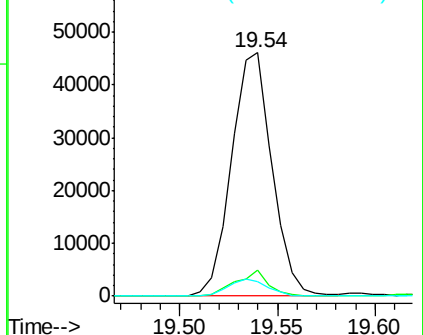
100 5.8 7.5 11.3#

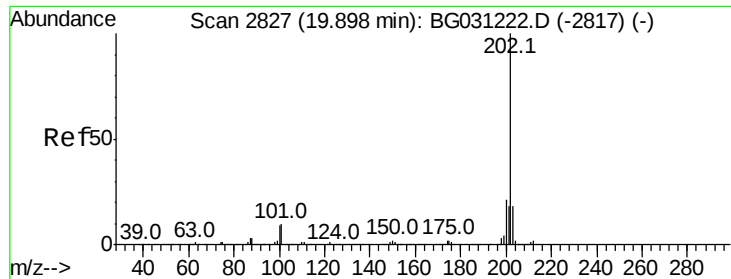


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





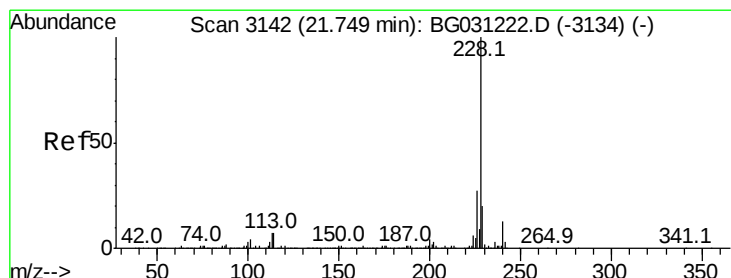
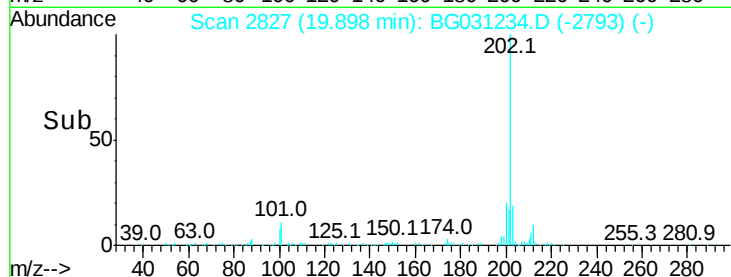
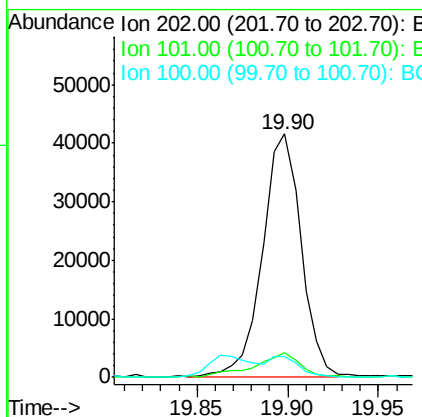
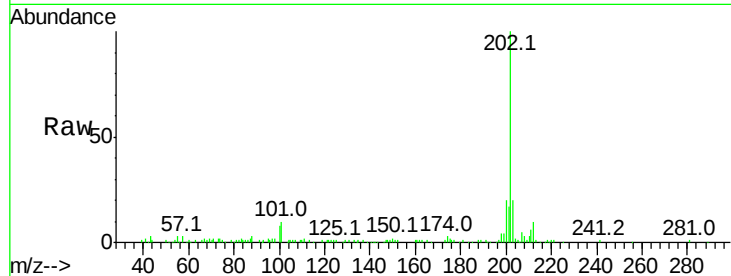
#20
Pvrene
Concen: 2.210 ng/ul
RT: 19.90 min Scan# 2827
Delta R.T. 0.00 min
Lab File: BG031234.D
Acq: 27 Nov 2017 18:23

Instrument :
BNA_G
ClientSampled :
B0G73

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.4	11.2	16.8#
100	8.4	9.8	14.6#

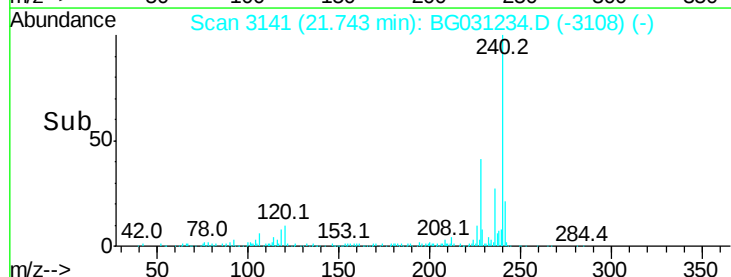
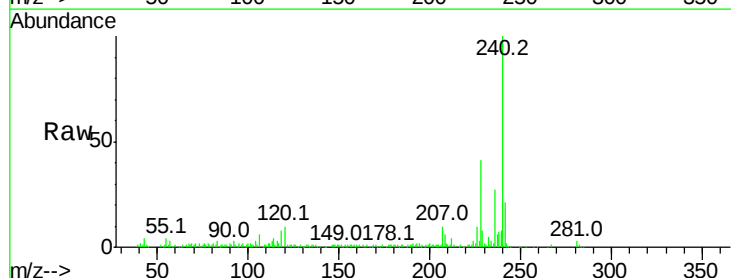
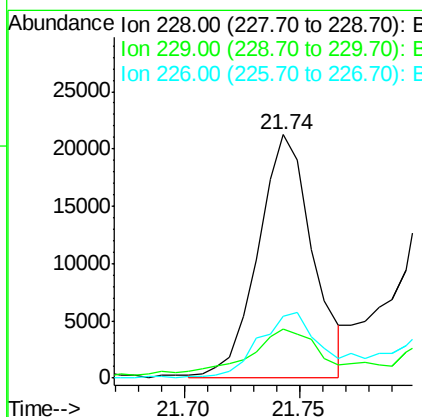
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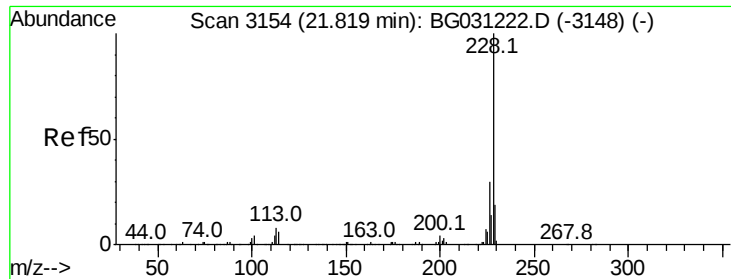
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#21
Benzo(a)anthracene
Concen: 1.093 ng/ul
RT: 21.74 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG031234.D
Acq: 27 Nov 2017 18:23

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.9	23.9
226	25.2	22.1	33.1





#22

Chrysene

Concen: 1.241 ng/ul

RT: 21.81 min Scan# 3153

Delta R.T. -0.01 min

Lab File: BG031234.D

Acq: 27 Nov 2017 18:23

Instrument :

BNA_G

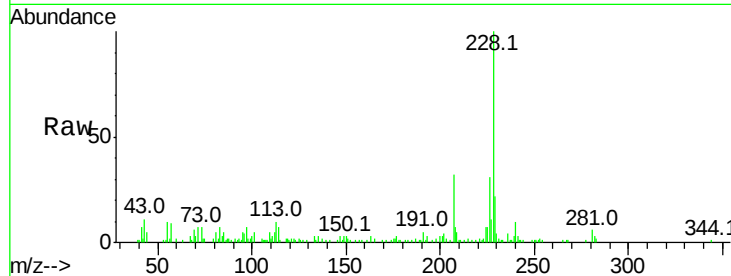
ClientSampleId :

B0G73

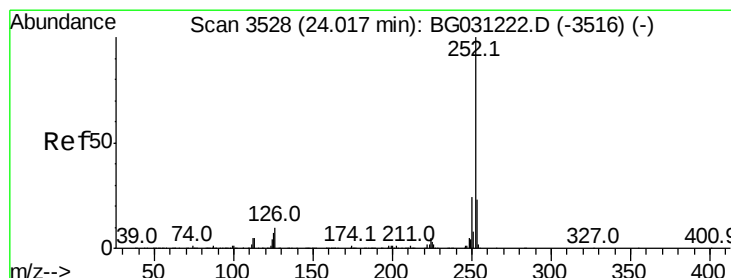
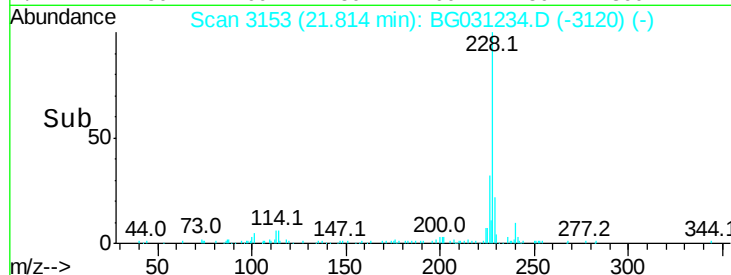
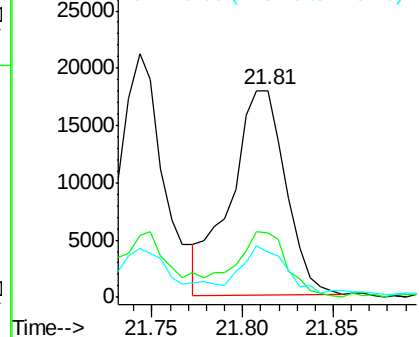
Tot Ion:	228	Resp:	37691
Ion Ratio	Lower	Upper	
228	100		
226	31.2	25.0	37.6
229	22.1	16.6	25.0

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#24

Benzo(b)fluoranthene

Concen: 1.493 ng/ul

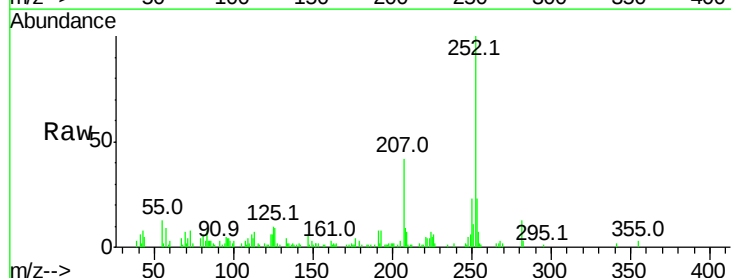
RT: 24.01 min Scan# 3527

Delta R.T. -0.01 min

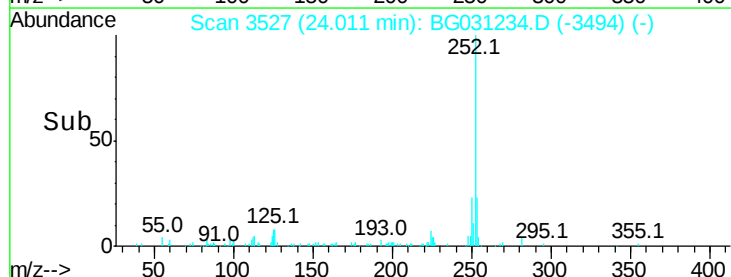
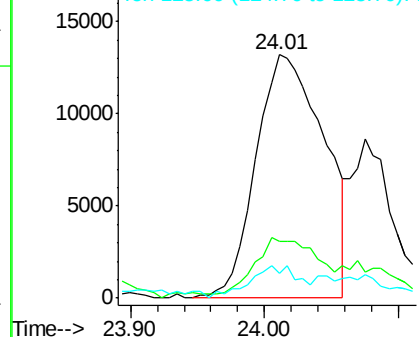
Lab File: BG031234.D

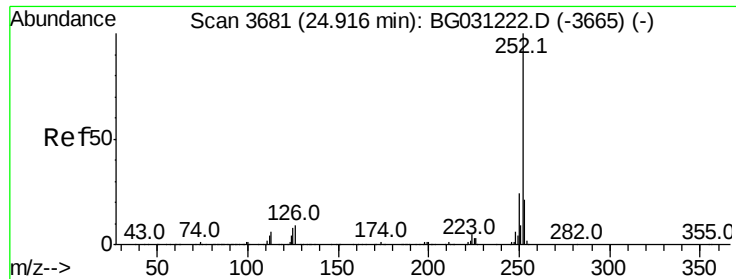
Acq: 27 Nov 2017 18:23

Tgt Ion:	252	Resp:	46480
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.8	26.6
125	10.1	9.4	14.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#27

Benzo(a)pyrene

Concen: 1.070 ng/ul m

RT: 24.90 min Scan# 3678

Delta R.T. -0.02 min

Lab File: BG031234.D

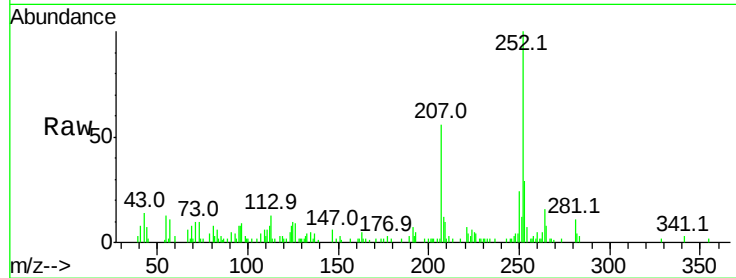
Acq: 27 Nov 2017 18:23

Instrument :

BNA_G

ClientSampleId :

B0G73



Tot Ion	Ratio	Lower	Upper
252	100		
253	28.5	17.1	25.7#
125	9.9	9.4	14.2

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