

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100917\
 Data File : BG029122.D
 Acq On : 10 Oct 2017 00:38
 Operator : SJ/JU
 Sample : I5578-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DAGC6

Manual Integrations
 APPROVED

Sohil
 10/10/2017 5:03:51 PM

Quant Time: Oct 10 06:53:52 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	63111	20.00	ng/ul	0.00
2) Naphthalene-d8	11.04	136	260938	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.83	164	174408	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.57	188	394142	20.00	ng/ul	0.00
17) Chrysene-d12	21.84	240	406128	20.00	ng/ul	0.00
22) Perylene-d12	25.20	264	427816	20.00	ng/ul	0.01
System Monitoring Compounds						
7) Acenaphthylene-d8	14.52	160	377032	20.79	ng/ul	0.00
10) Fluorene-d10	15.81	176	290350	22.07	ng/ul	0.00
14) Anthracene-d10	17.66	188	424199	22.22	ng/ul	0.00
18) Pyrene-d10	19.94	212	486319	23.40	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.96	264	457828	22.34	ng/ul	0.01
Target Compounds				Ovalue		
13) Phenanthrene	17.61	178	70089	3.334	ng/ul	99
16) Fluoranthene	19.60	202	167801	6.809	ng/ul#	92
19) Pyrene	19.96	202	141101	5.574	ng/ul#	89
20) Benzo(a)anthracene	21.83	228	101908	4.261	ng/ul	92
21) Chrysene	21.89	228	101733m	4.645	ng/ul	
23) Benzo(b)fluoranthene	24.13	252	165990	6.486	ng/ul	98
24) Benzo(k)fluoranthene	24.19	252	42772m	1.712	ng/ul	
26) Benzo(a)pyrene	25.04	252	99688	4.010	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	29.03	276	73133	2.592	ng/ul	94
29) Benzo(g,h,i)perylene	30.22	276	64530	2.774	ng/ul#	84

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

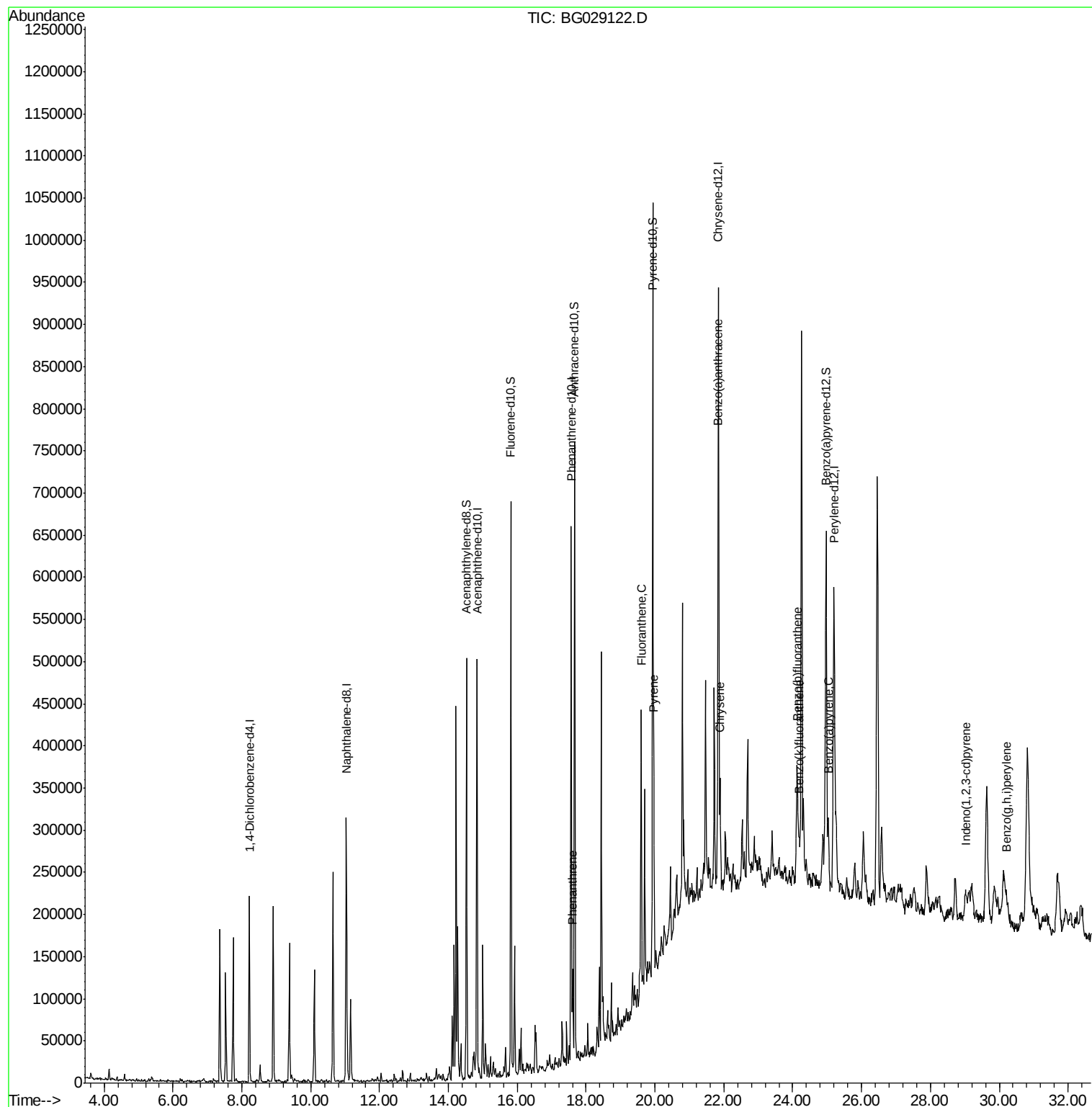
Data Path : Z:\HPCHEM1\BNA G\DATA\BG100917\
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ALS Vial : 21 Sample Multiplier: 1

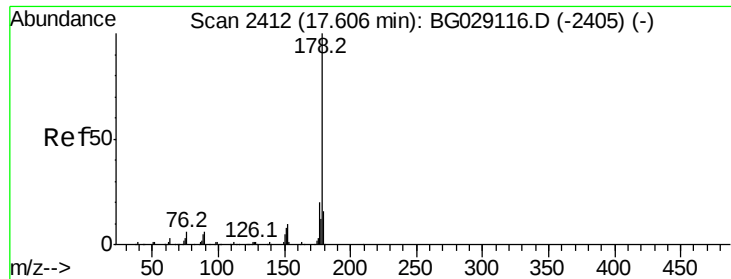
Instrument :
BNA_G
ClientSampled :
DAGC6

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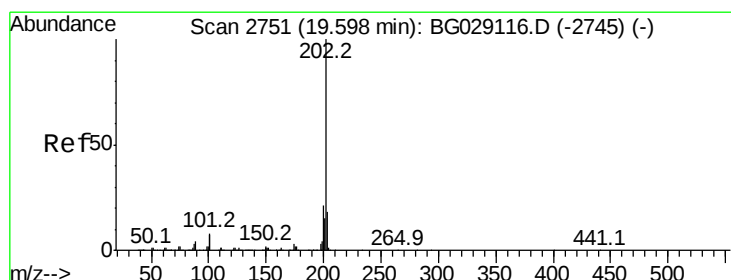
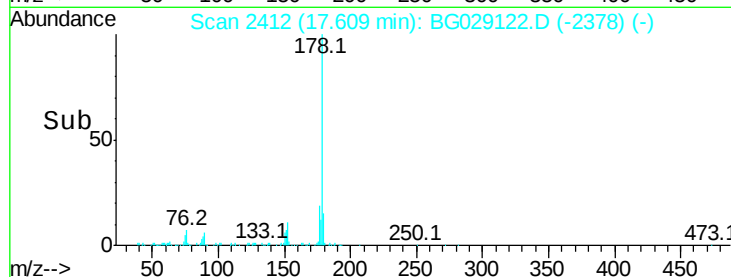
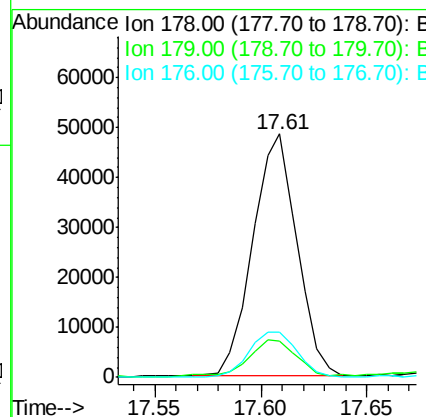
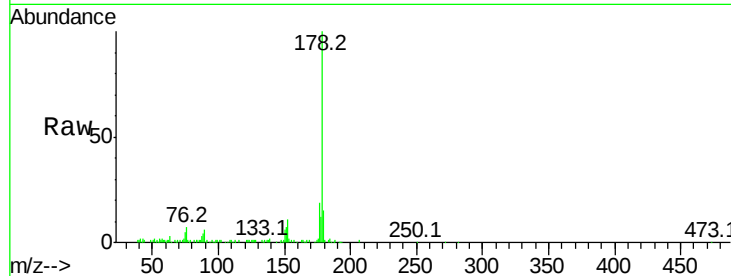
#13
Phenanthrene
Concen: 3.334 ng/ul
RT: 17.61 min Scan# 2412
Delta R.T. 0.00 min
Lab File: BG029122.D
Acq: 10 Oct 2017 00:38

Instrument :
BNA_G
ClientSampleId :
DAGC6

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.7	12.3	18.5
176	18.6	15.1	22.7

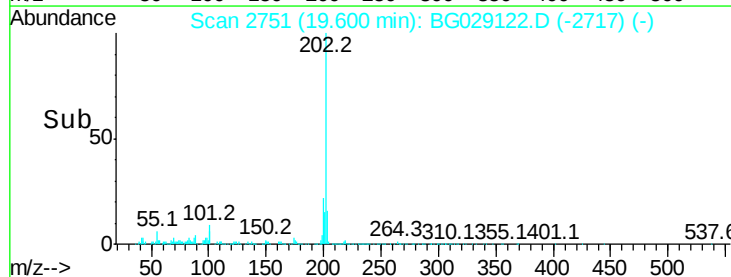
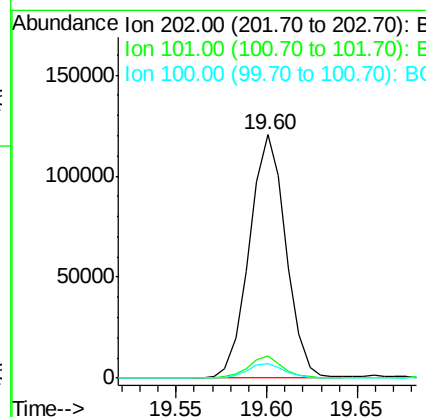
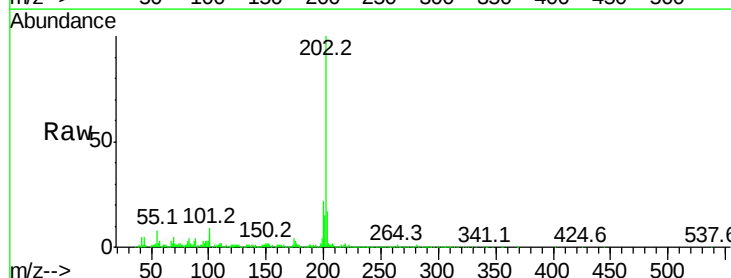
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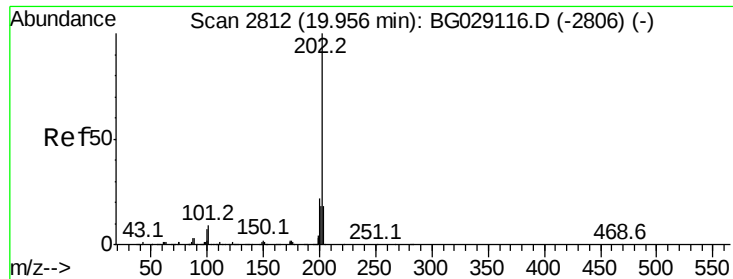
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#16
Fluoranthene
Concen: 6.809 ng/ul
RT: 19.60 min Scan# 2751
Delta R.T. 0.00 min
Lab File: BG029122.D
Acq: 10 Oct 2017 00:38

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.3	9.9	14.9#
100	6.1	7.4	11.0#





#19

Pvrene

Concen: 5.574 ng/ul

RT: 19.96 min Scan# 2813

Delta R.T. 0.01 min

Lab File: BG029122.D

Acq: 10 Oct 2017 00:38

Instrument :

BNA_G

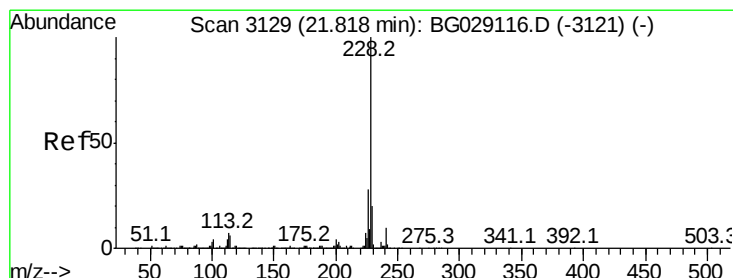
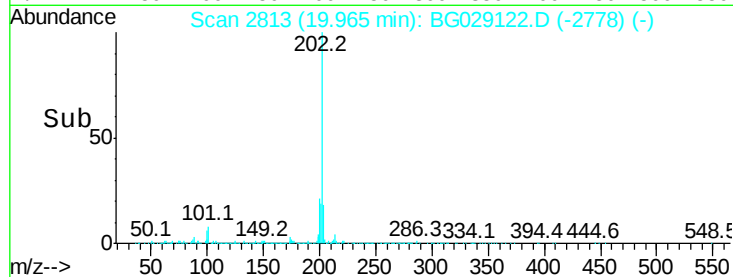
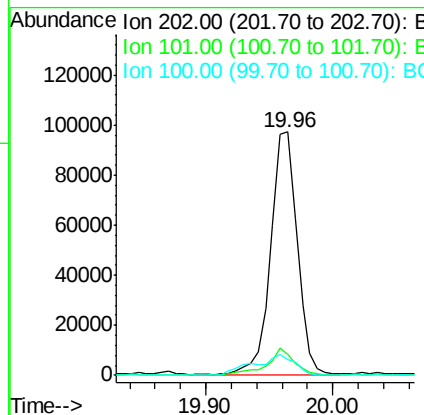
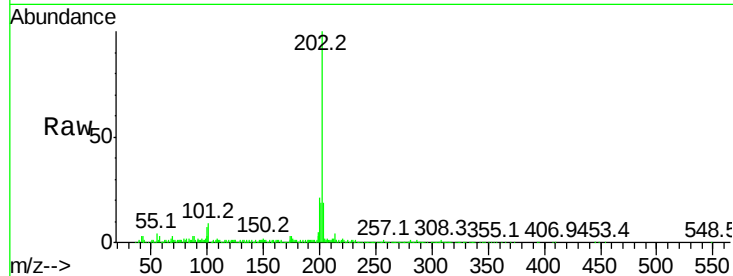
ClientSampleId :

DAGC6

Tot Ion:	202	Resp:	141101
Ion Ratio	Lower	Upper	
202	100		
101	8.6	11.0	16.4#
100	6.7	8.1	12.1#

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#20

Benzo(a)anthracene

Concen: 4.261 ng/ul

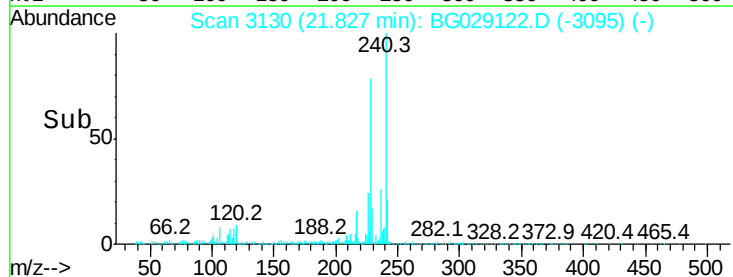
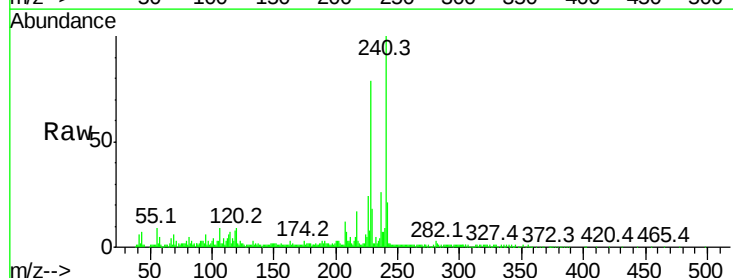
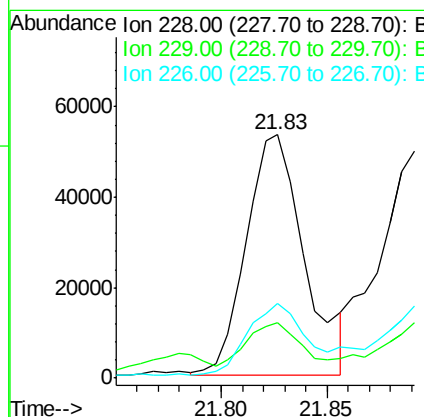
RT: 21.83 min Scan# 3130

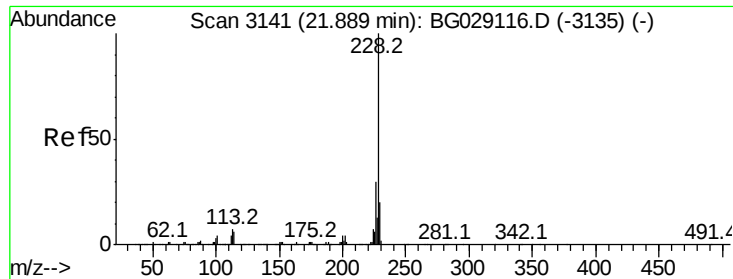
Delta R.T. 0.01 min

Lab File: BG029122.D

Acq: 10 Oct 2017 00:38

Tgt Ion:	228	Resp:	101908
Ion Ratio	Lower	Upper	
228	100		
229	22.8	15.7	23.5
226	30.4	21.1	31.7





#21

Chrysene

Concen: 4.645 ng/ul m

RT: 21.89 min Scan# 3141

Delta R.T. 0.00 min

Lab File: BG029122.D

Acq: 10 Oct 2017 00:38

Instrument :

BNA_G

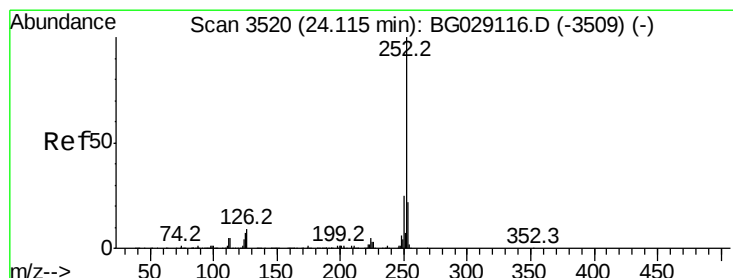
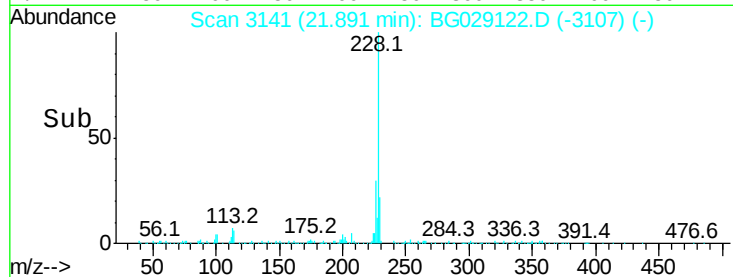
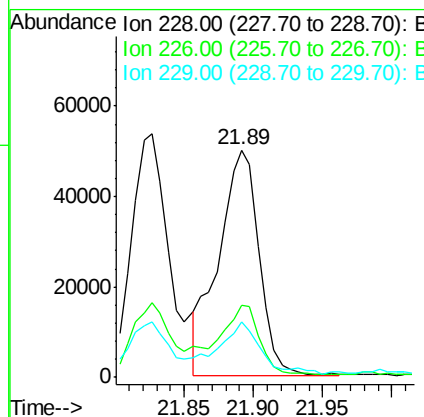
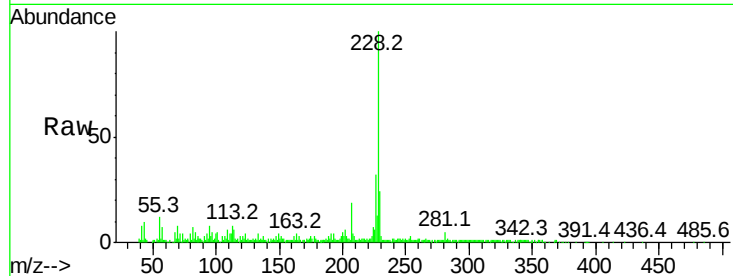
ClientSampleId :

DAGC6

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.5	36.7
229	24.3	15.8	23.8

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#23

Benzo(b)fluoranthene

Concen: 6.486 ng/ul

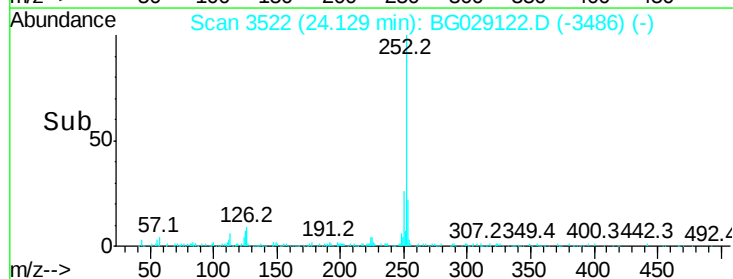
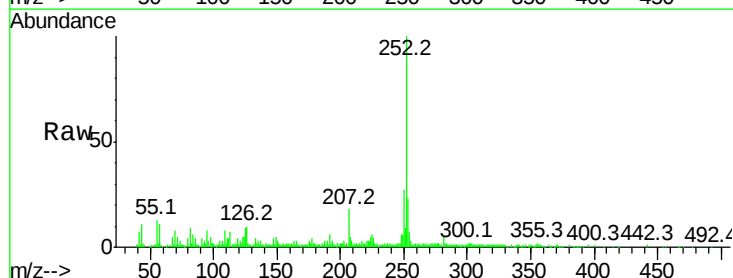
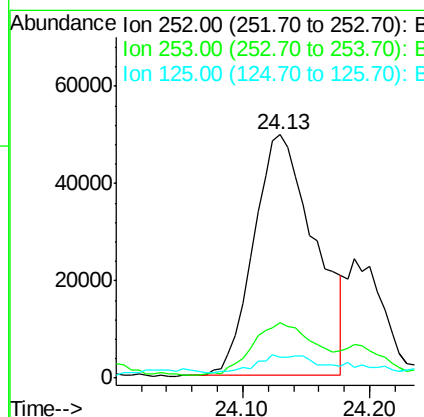
RT: 24.13 min Scan# 3522

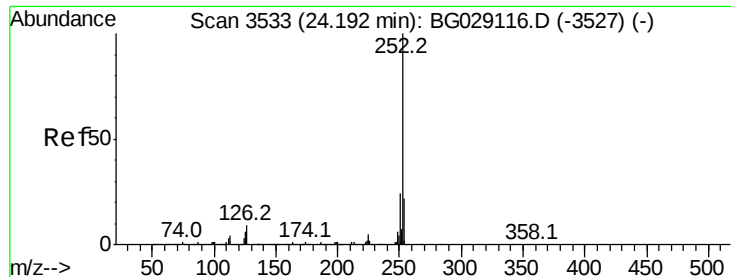
Delta R.T. 0.01 min

Lab File: BG029122.D

Acq: 10 Oct 2017 00:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	8.6	8.0	12.0





#24

Benzo(k)fluoranthene

Concen: 1.712 ng/ul m

RT: 24.19 min Scan# 3532

Delta R.T. -0.00 min

Lab File: BG029122.D

Acq: 10 Oct 2017 00:38

Instrument :

BNA_G

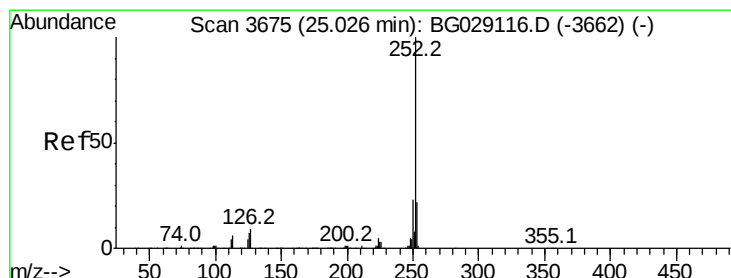
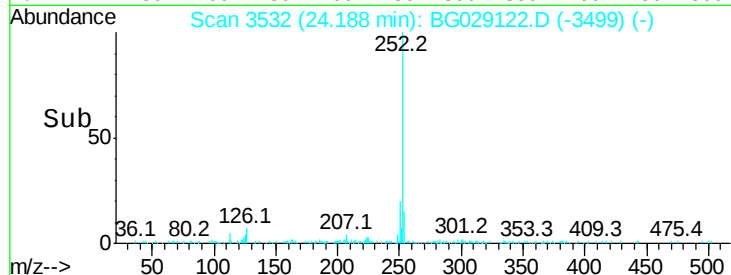
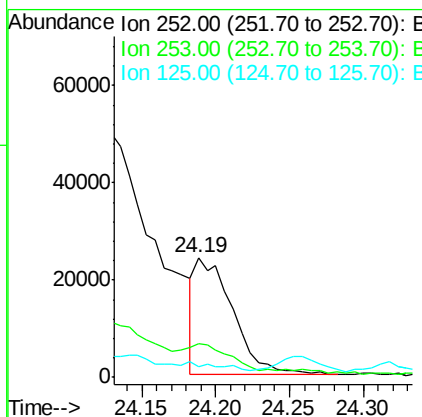
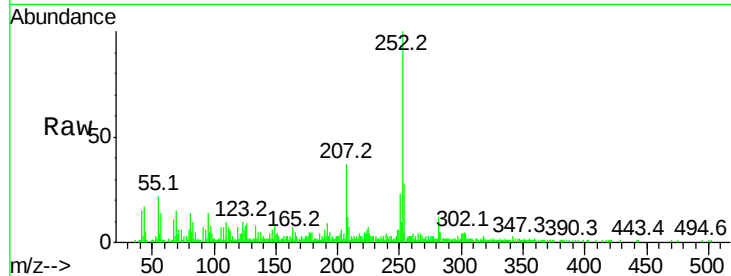
ClientSampled :

DAGC6

Tot Ion:	252	Resp:	42772
Ion Ratio	Lower	Upper	
252	100		
253	28.4	18.0	27.0#
125	8.4	8.1	12.1

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#26

Benzo(a)pyrene

Concen: 4.010 ng/ul

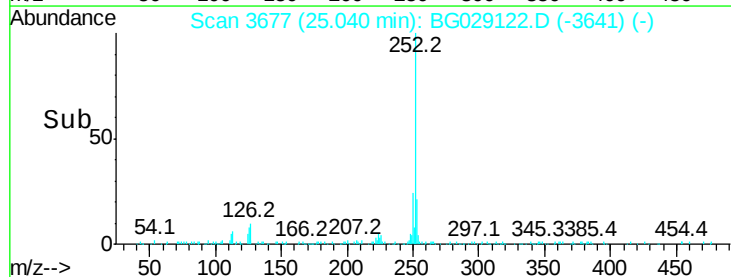
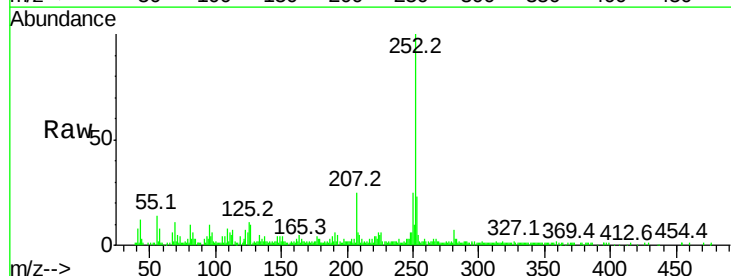
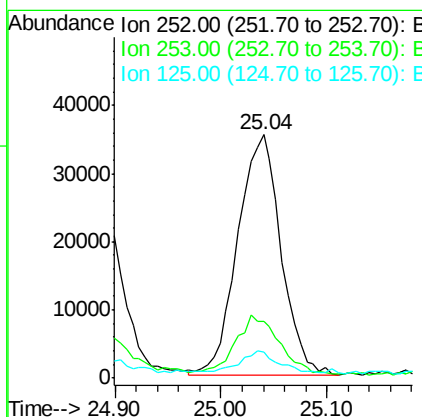
RT: 25.04 min Scan# 3677

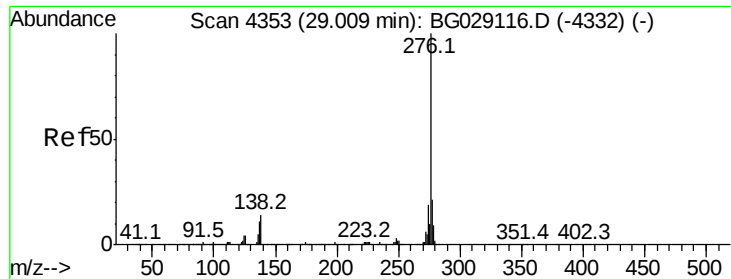
Delta R.T. 0.01 min

Lab File: BG029122.D

Acq: 10 Oct 2017 00:38

Tgt Ion:	252	Resp:	99688
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.2	25.8
125	10.6	8.2	12.4





#27

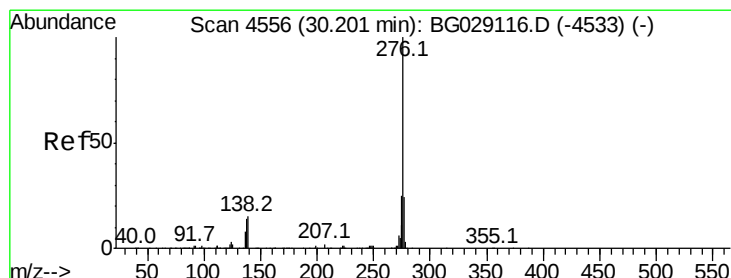
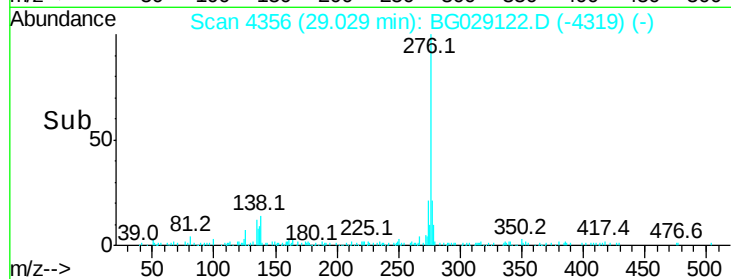
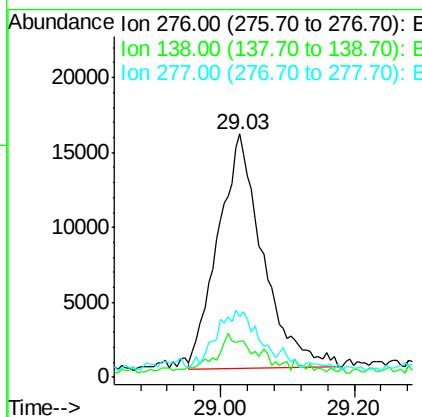
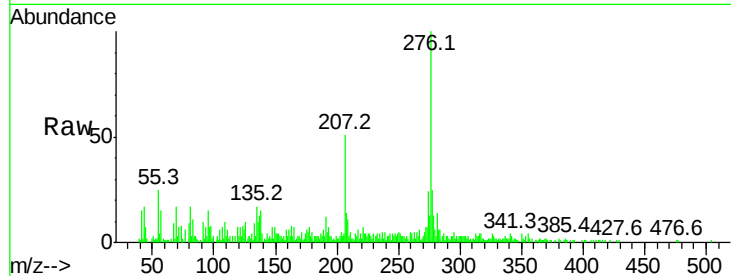
Indeno(1,2,3-cd)pyrene
Concen: 2.592 ng/ul
RT: 29.03 min Scan# 4356
Delta R.T. 0.02 min
Lab File: BG029122.D
Acq: 10 Oct 2017 00:38

Instrument :
BNA_G
ClientSampleId :
DAGC6

Tot Ion	Ratio	Lower	Upper
276	100		
138	14.8	14.4	21.6
277	25.0	18.0	27.0

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#29

Benzo(g,h,i)perylene
Concen: 2.774 ng/ul
RT: 30.22 min Scan# 4559
Delta R.T. 0.02 min
Lab File: BG029122.D
Acq: 10 Oct 2017 00:38

Tgt Ion	Ratio	Lower	Upper
276	100		
138	12.8	15.3	22.9#
277	32.2	19.0	28.4#

