

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101017\
 Data File : BG029142.D
 Acq On : 10 Oct 2017 15:43
 Operator : SJ/JU
 Sample : I5577-19
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DAH91

Manual Integrations
 APPROVED

Sohil
 10/11/2017 3:34:23 PM

Quant Time: Oct 11 04:56:27 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG100717MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 11 04:15:46 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	46246	20.00	ng/ul	0.00
2) Naphthalene-d8	11.03	136	204110	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.83	164	134785	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.57	188	304082	20.00	ng/ul	0.00
17) Chrysene-d12	21.85	240	319342	20.00	ng/ul	0.00
22) Perylene-d12	25.20	264	331069	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.52	160	294152	20.98	ng/ul	0.00
10) Fluorene-d10	15.82	176	220600	21.70	ng/ul	0.00
14) Anthracene-d10	17.67	188	318094	21.60	ng/ul	0.00
18) Pyrene-d10	19.93	212	361868	22.15	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.97	264	334144	21.07	ng/ul	0.00
Target Compounds				Ovalue		
13) Phenanthrene	17.61	178	82726	5.100	ng/ul	95
16) Fluoranthene	19.60	202	162753m	8.560	ng/ul	
19) Pyrene	19.96	202	132184	6.640	ng/ul#	90
20) Benzo(a)anthracene	21.83	228	86658	4.608	ng/ul	97
21) Chrysene	21.90	228	104213	6.052	ng/ul	97
23) Benzo(b)fluoranthene	24.13	252	180394	9.108	ng/ul#	97
24) Benzo(k)fluoranthene	24.19	252	62626m	3.240	ng/ul	
26) Benzo(a)pyrene	25.04	252	107019	5.563	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	29.04	276	86044	3.941	ng/ul	94
28) Dibenzo(a,h)anthracene	29.07	278	26284m	1.454	ng/ul	
29) Benzo(g,h,i)perylene	30.23	276	59494	3.304	ng/ul#	92

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

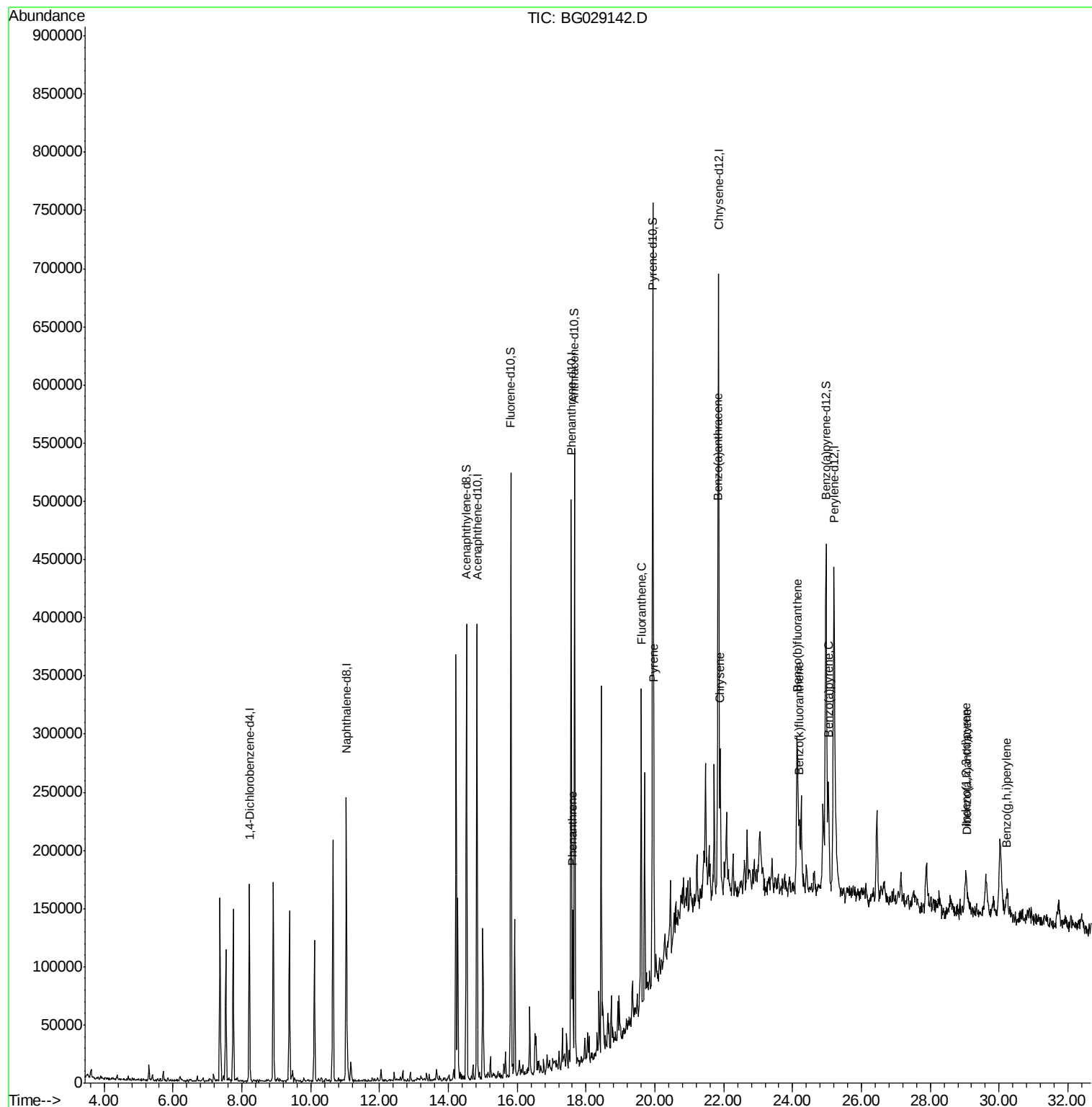
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101017\
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ALS Vial : 10 Sample Multiplier: 1

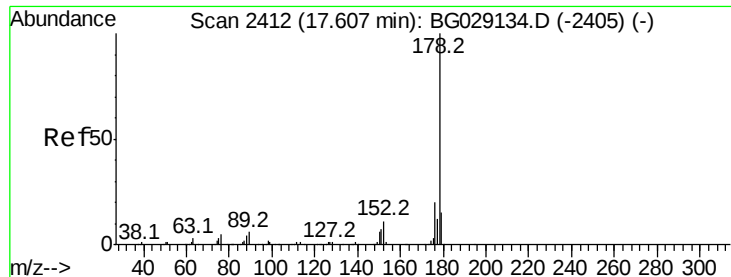
Instrument :
BNA_G
ClientSampled :
DAH91

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG100717MA.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#13

Phenanthrene

Concen: 5.100 ng/ul

RT: 17.61 min Scan# 2412

Delta R.T. 0.00 min

Lab File: BG029142.D

Acq: 10 Oct 2017 15:43

Instrument :

BNA_G

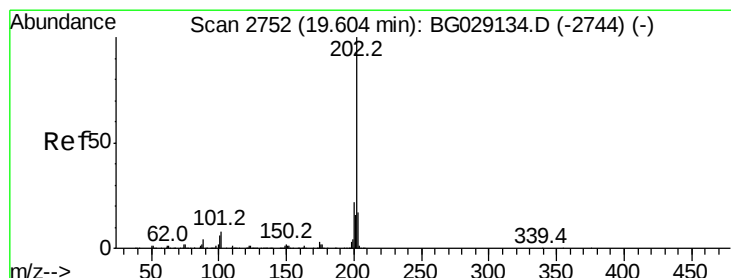
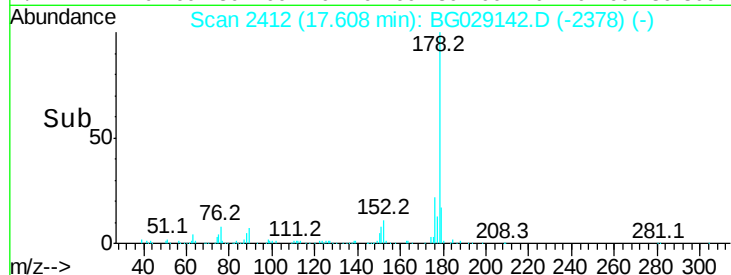
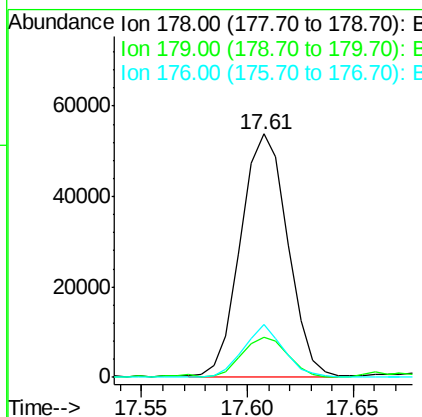
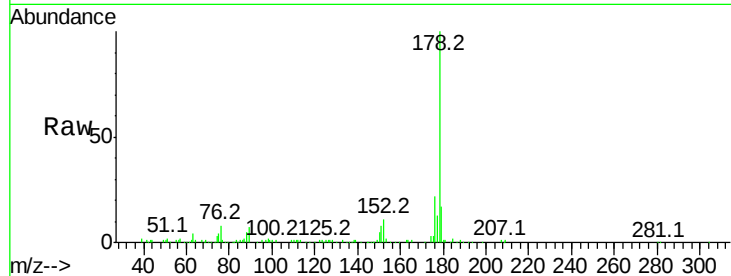
ClientSampled :

DAH91

Tot Ion:	178	Resp:	82726
Ion Ratio	Lower	Upper	
178	100		
179	16.6	12.3	18.5
176	21.9	15.1	22.7

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#16

Fluoranthene

Concen: 8.560 ng/ul m

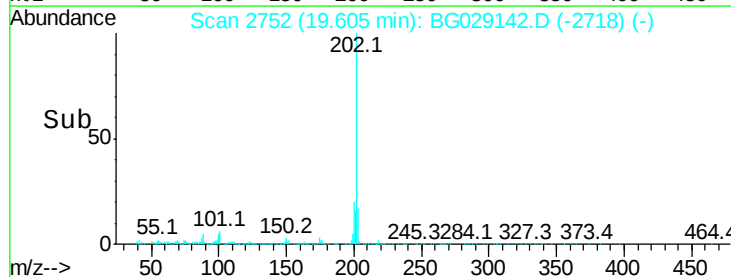
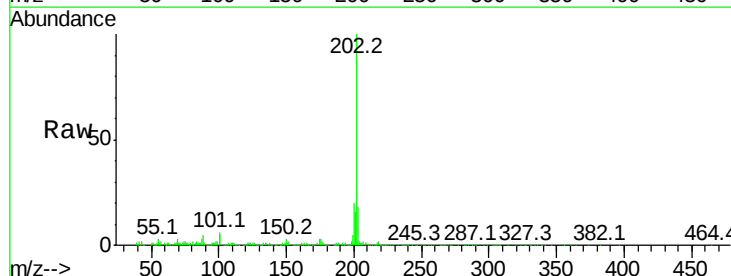
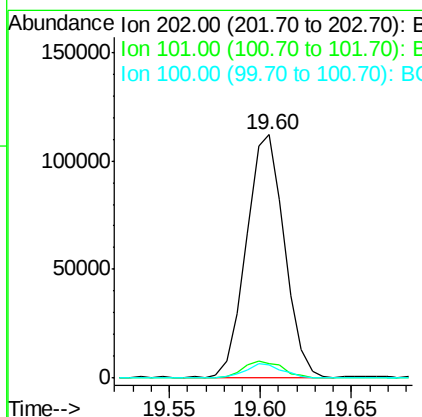
RT: 19.60 min Scan# 2752

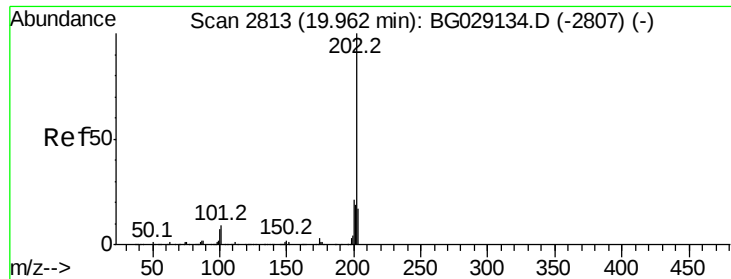
Delta R.T. 0.00 min

Lab File: BG029142.D

Acq: 10 Oct 2017 15:43

Tgt Ion:	202	Resp:	162753
Ion Ratio	Lower	Upper	
202	100		
101	6.1	9.9	14.9#
100	5.3	7.4	11.0#





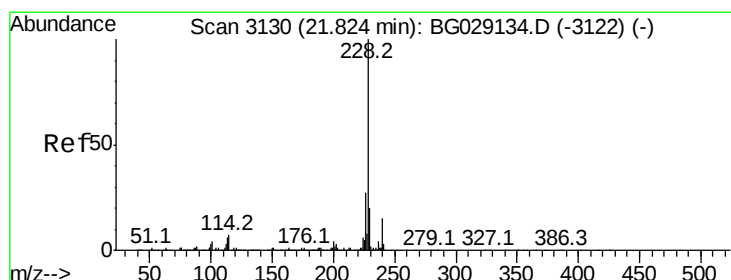
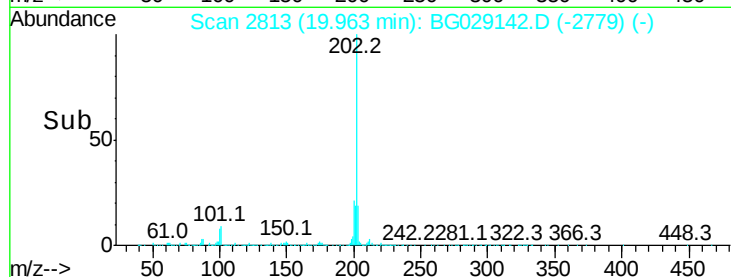
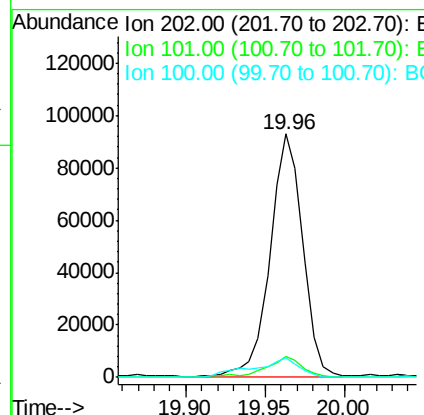
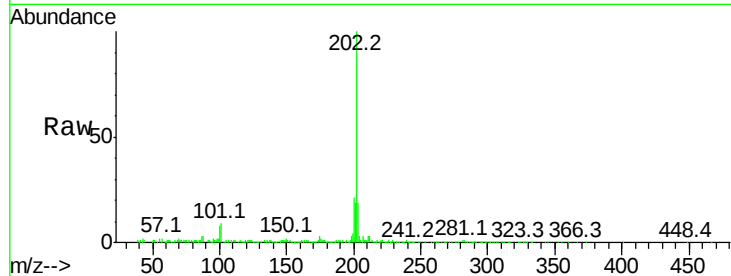
#19
Pvrene
Concen: 6.640 ng/ul
RT: 19.96 min Scan# 2813
Delta R.T. 0.00 min
Lab File: BG029142.D
Acq: 10 Oct 2017 15:43

Instrument :
BNA_G
ClientSampleId :
DAH91

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.7	11.0	16.4#
100	8.0	8.1	12.1#

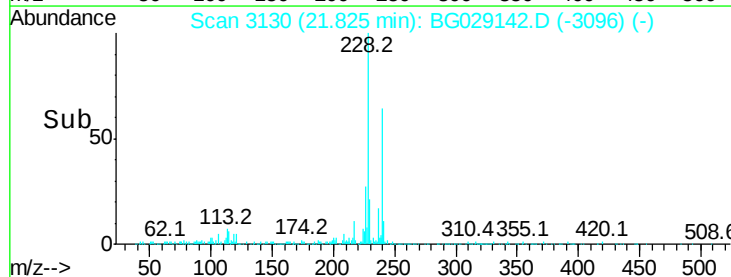
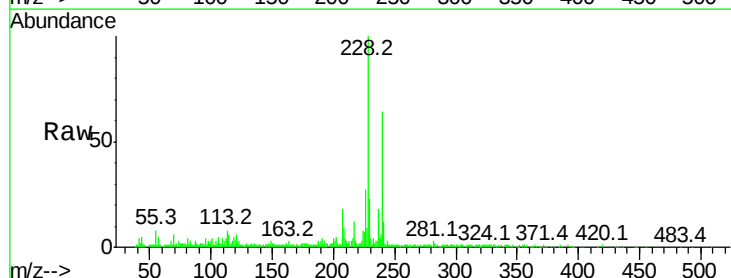
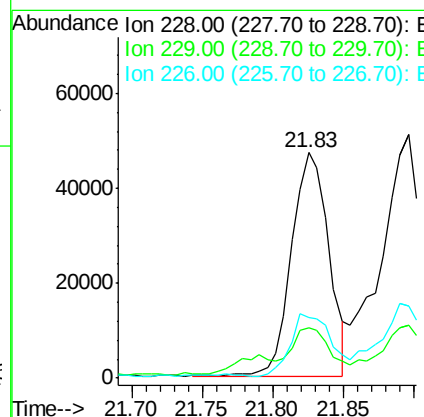
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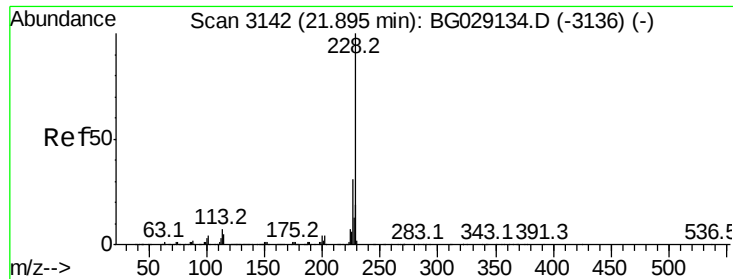
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#20
Benzo(a)anthracene
Concen: 4.608 ng/ul
RT: 21.83 min Scan# 3130
Delta R.T. 0.00 min
Lab File: BG029142.D
Acq: 10 Oct 2017 15:43

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	22.6	15.7	23.5
226	27.0	21.1	31.7





#21

Chrysene

Concen: 6.052 ng/ul

RT: 21.90 min Scan# 3142

Delta R.T. 0.00 min

Lab File: BG029142.D

Acq: 10 Oct 2017 15:43

Instrument :

BNA_G

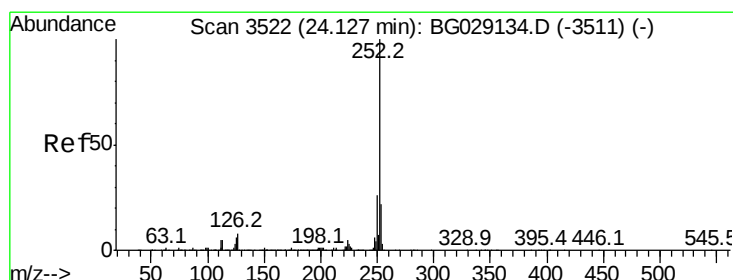
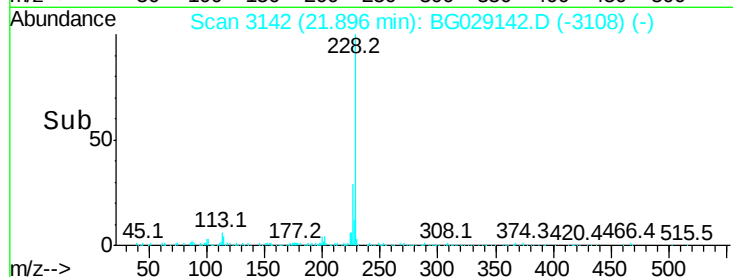
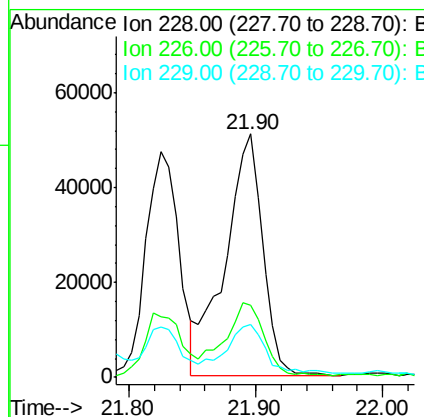
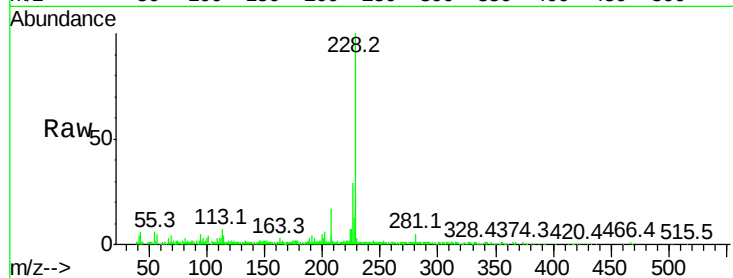
ClientSampleId :

DAH91

Tot Ion:	228	Resp:	104213
Ion Ratio	Lower	Upper	
228	100		
226	29.5	24.5	36.7
229	21.9	15.8	23.8

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#23

Benzo(b)fluoranthene

Concen: 9.108 ng/ul

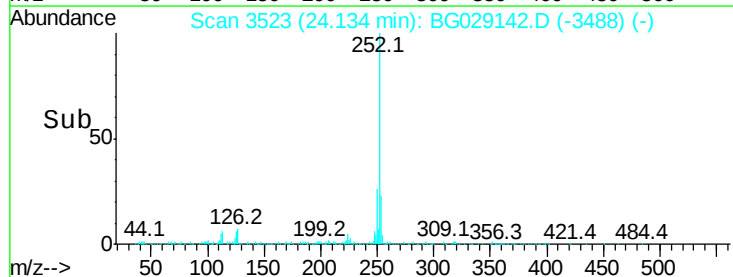
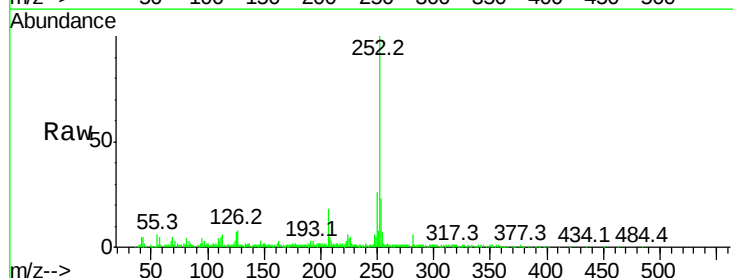
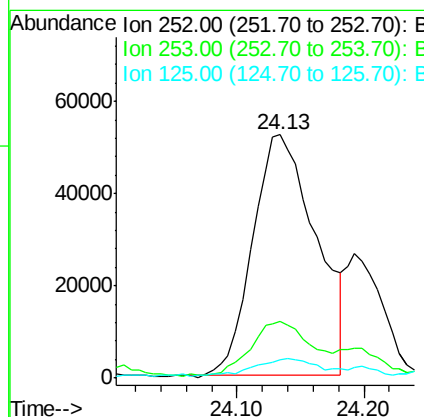
RT: 24.13 min Scan# 3523

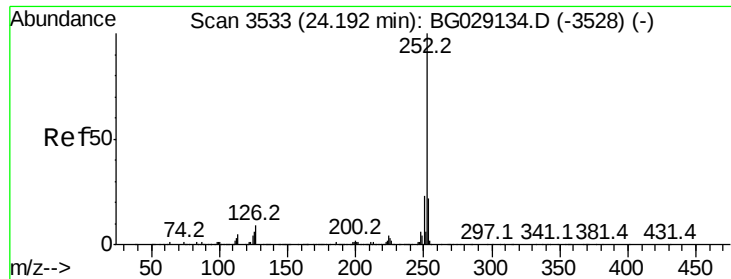
Delta R.T. 0.01 min

Lab File: BG029142.D

Acq: 10 Oct 2017 15:43

Tgt Ion:	252	Resp:	180394
Ion Ratio	Lower	Upper	
252	100		
253	23.2	18.0	27.0
125	7.3	8.0	12.0#





#24

Benzo(k)fluoranthene

Concen: 3.240 ng/ul m

RT: 24.19 min Scan# 3533

Delta R.T. 0.00 min

Lab File: BG029142.D

Acq: 10 Oct 2017 15:43

Instrument :

BNA_G

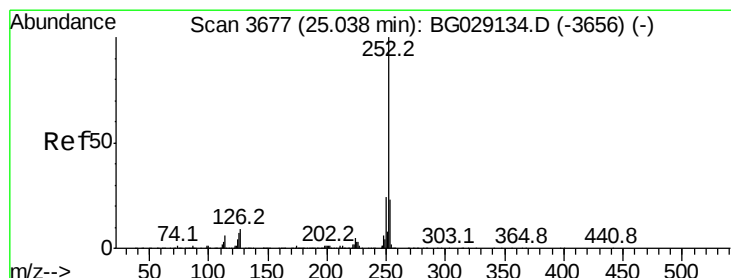
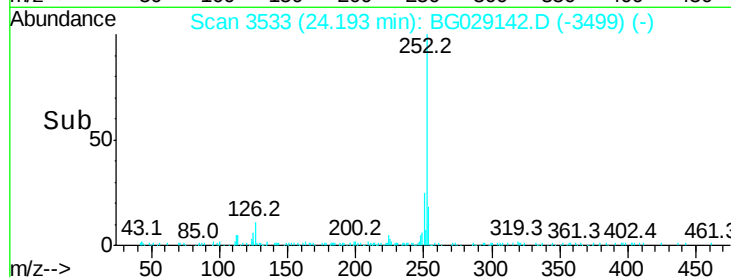
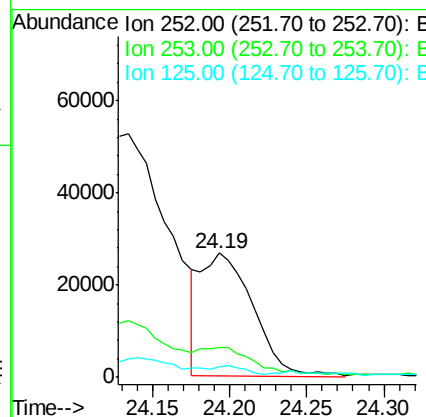
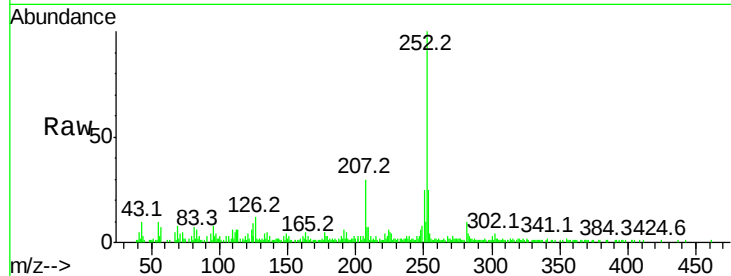
ClientSampleId :

DAH91

Tot Ion:	252	Resp:	62626
Ion Ratio	Lower	Upper	
252	100		
253	24.5	18.0	27.0
125	8.7	8.1	12.1

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#26

Benzo(a)pyrene

Concen: 5.563 ng/ul

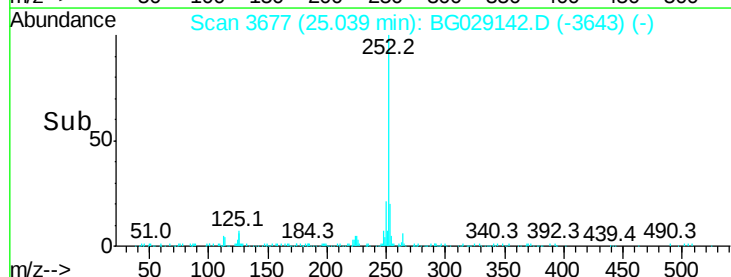
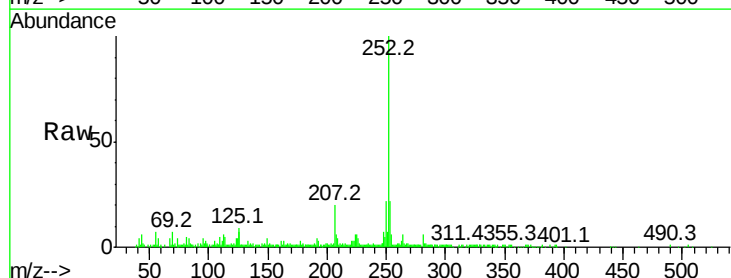
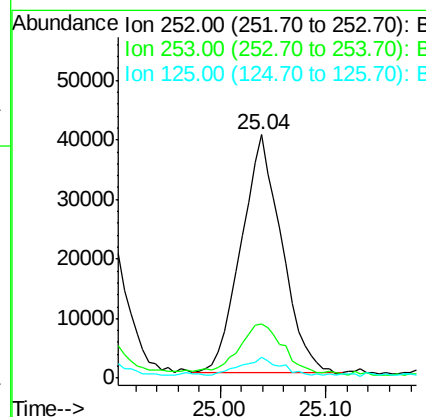
RT: 25.04 min Scan# 3677

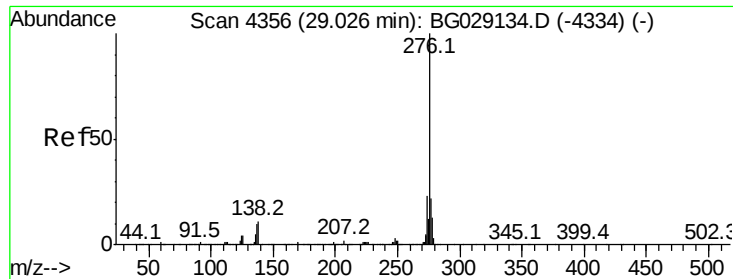
Delta R.T. 0.00 min

Lab File: BG029142.D

Acq: 10 Oct 2017 15:43

Tgt Ion:	252	Resp:	107019
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.2	25.8
125	8.5	8.2	12.4





#27

Indeno(1,2,3-cd)pyrene

Concen: 3.941 ng/ul

RT: 29.04 min Scan# 4358

Delta R.T. 0.01 min

Lab File: BG029142.D

Acq: 10 Oct 2017 15:43

Instrument :

BNA_G

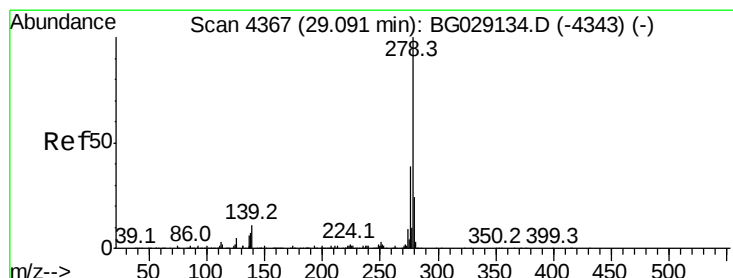
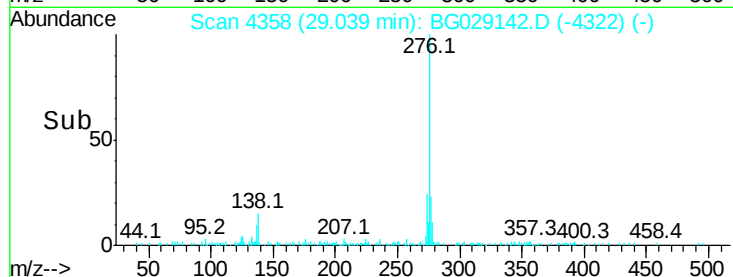
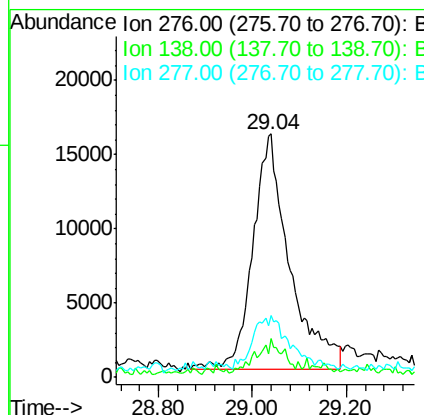
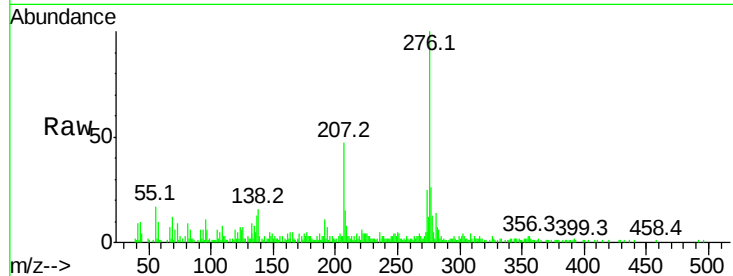
ClientSampleId :

DAH91

Tot Ion:	276	Resp:	86044
Ion Ratio	Lower	Upper	
276	100		
138	15.9	14.4	21.6
277	25.5	18.0	27.0

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#28

Dibenzo(a,h)anthracene

Concen: 1.454 ng/ul m

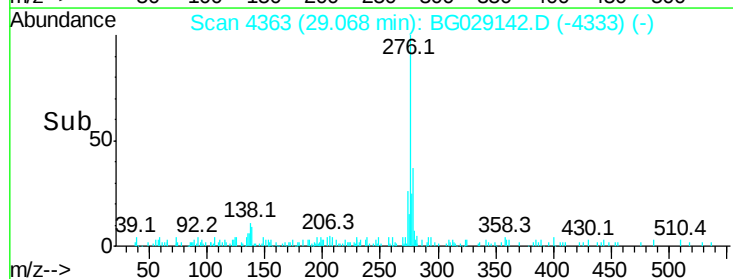
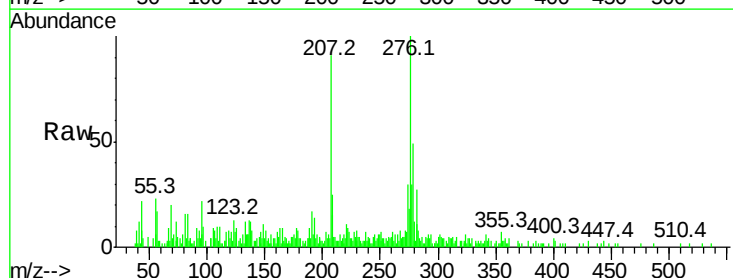
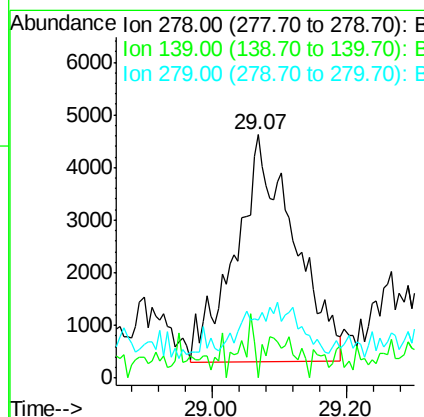
RT: 29.07 min Scan# 4363

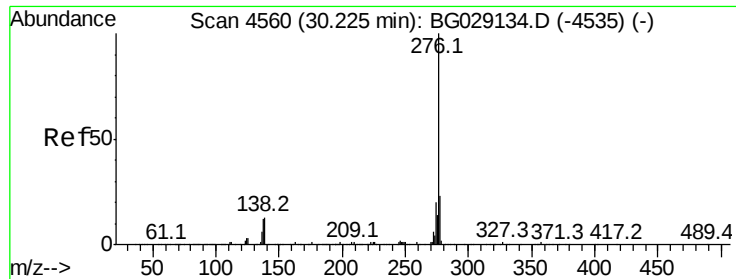
Delta R.T. -0.02 min

Lab File: BG029142.D

Acq: 10 Oct 2017 15:43

Tgt Ion:	278	Resp:	26284
Ion Ratio	Lower	Upper	
278	100		
139	0.0	12.2	18.4#
279	24.0	19.2	28.8





#29

Benzo(a,h,i)perylene

Concen: 3.304 ng/ul

RT: 30.23 min Scan# 4560

Delta R.T. 0.00 min

Lab File: BG029142.D

Acq: 10 Oct 2017 15:43

Instrument :

BNA_G

ClientSampleId :

DAH91

Tot Ion:	276	Resp:	59494
Ion Ratio		Lower	Upper
276	100		
138	11.7	15.3	22.9#
277	23.5	19.0	28.4

Manual Integrations
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