

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100917\
 Data File : BG029131.D
 Acq On : 10 Oct 2017 6:38
 Operator : SJ/JU
 Sample : I5576-17
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DAH98

Manual Integrations
 APPROVED

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 10/10/2017 5:04:14 PM

Quant Time: Oct 10 08:18:15 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	55916	20.00	ng/ul	0.00
2) Naphthalene-d8	11.04	136	230710	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.83	164	153165	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.57	188	354051	20.00	ng/ul	0.00
17) Chrysene-d12	21.84	240	374688	20.00	ng/ul	0.00
22) Perylene-d12	25.20	264	388280	20.00	ng/ul	0.01
System Monitoring Compounds						
7) Acenaphthylene-d8	14.52	160	485635	30.49	ng/ul	0.00
10) Fluorene-d10	15.82	176	368378	31.88	ng/ul	0.00
14) Anthracene-d10	17.66	188	523026	30.50	ng/ul	0.00
18) Pyrene-d10	19.94	212	631279	32.93	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.97	264	594164	31.94	ng/ul	0.02
Target Compounds				Ovalue		
13) Phenanthrene	17.61	178	50996	2.700	ng/ul	99
16) Fluoranthene	19.60	202	100757	4.551	ng/ul#	90
19) Pyrene	19.96	202	88516	3.790	ng/ul#	91
20) Benzo(a)anthracene	21.83	228	64617	2.928	ng/ul	96
21) Chrysene	21.89	228	69540	3.442	ng/ul	94
23) Benzo(b)fluoranthene	24.14	252	110818	4.771	ng/ul	97
24) Benzo(k)fluoranthene	24.19	252	37697m	1.663	ng/ul	
26) Benzo(a)pyrene	25.03	252	74064	3.283	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	29.03	276	53836	2.102	ng/ul#	88
29) Benzo(g,h,i)perylene	30.22	276	47059	2.229	ng/ul#	90

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

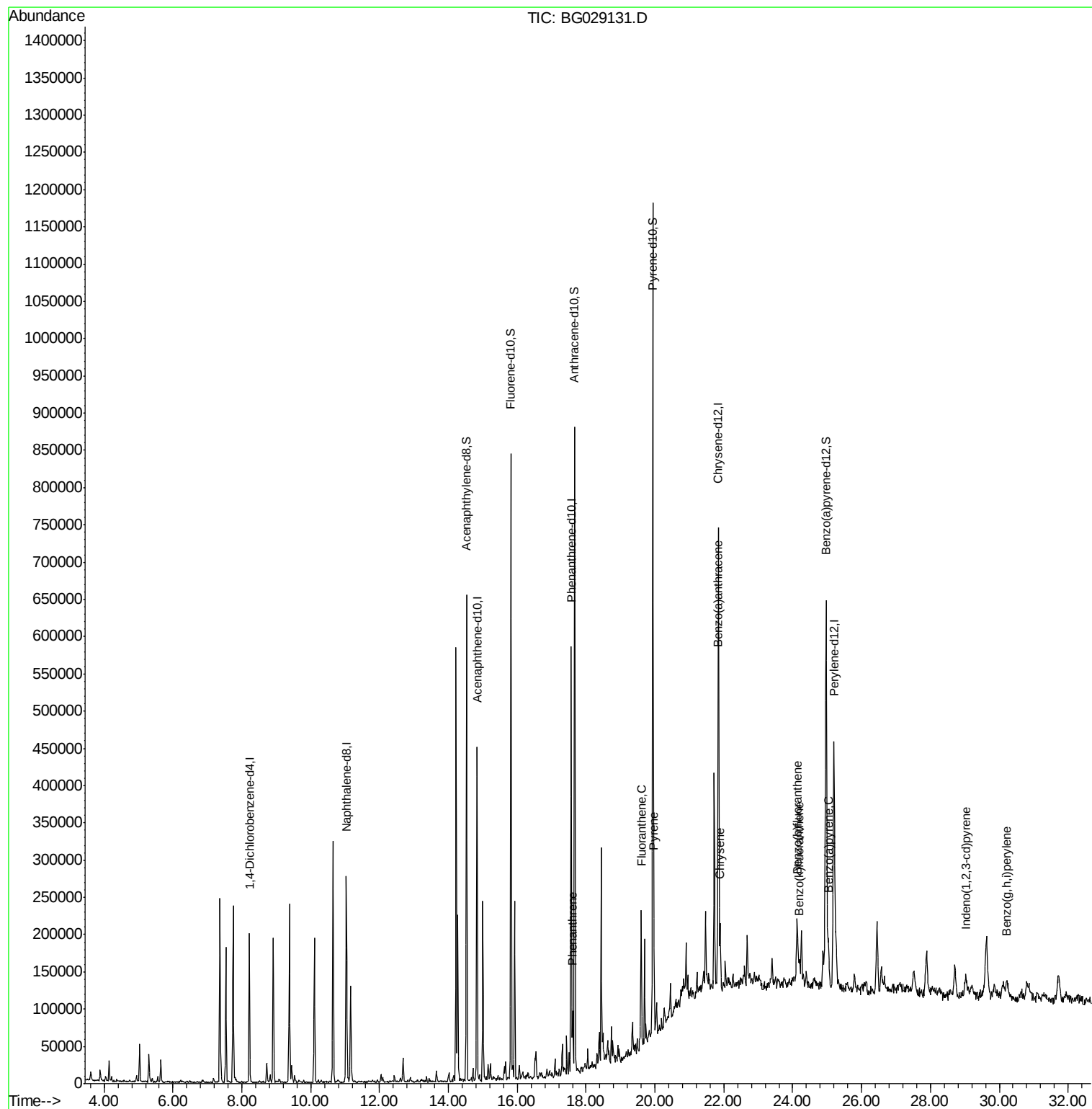
Data Path : Z:\HPCHEM1\BNA G\DATA\BG100917\
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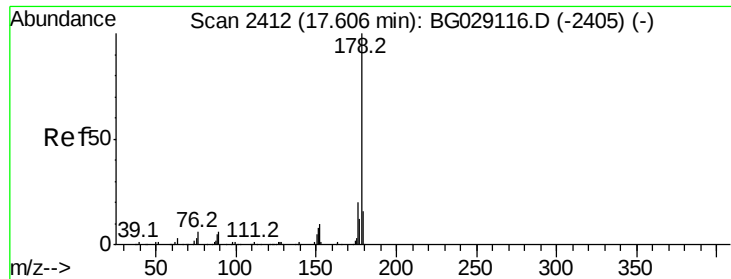
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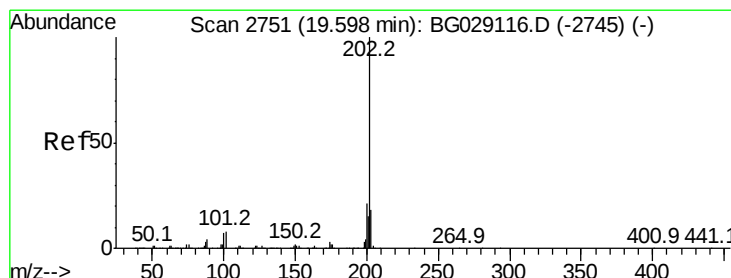
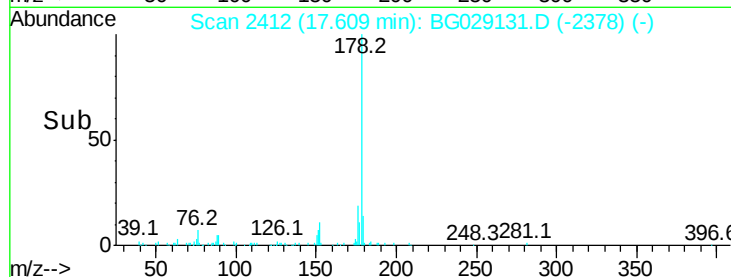
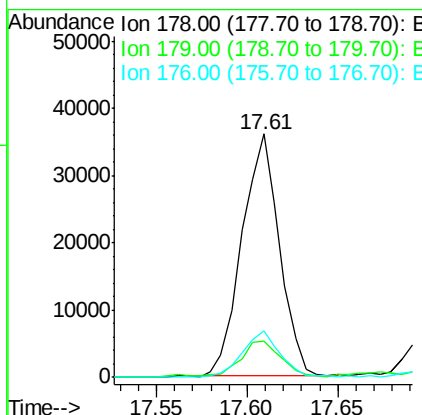
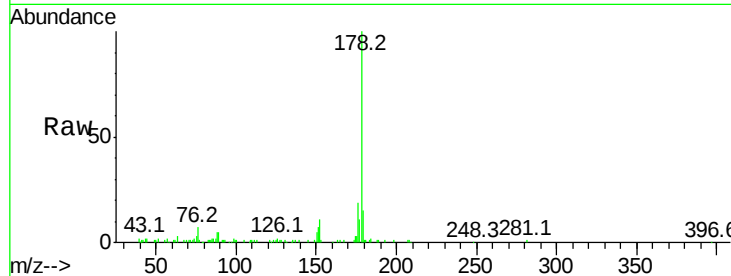
#13
Phenanthrene
Concen: 2.700 ng/ul
RT: 17.61 min Scan# 2412
Delta R.T. 0.00 min
Lab File: BG029131.D
Acq: 10 Oct 2017 6:38

Instrument :
BNA_G
ClientSampled :
DAH98

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.6	12.3	18.5
176	19.0	15.1	22.7

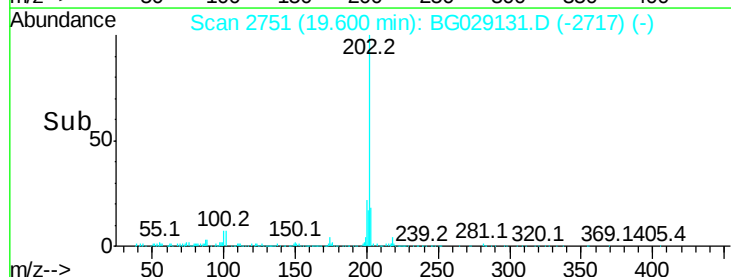
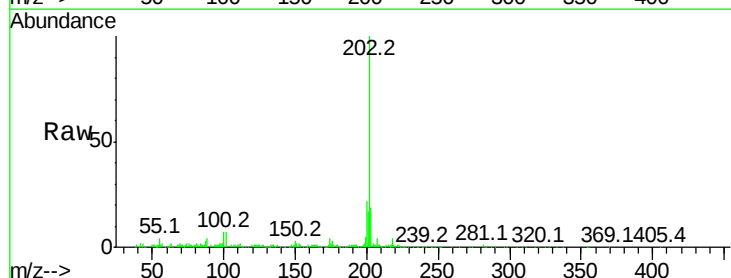
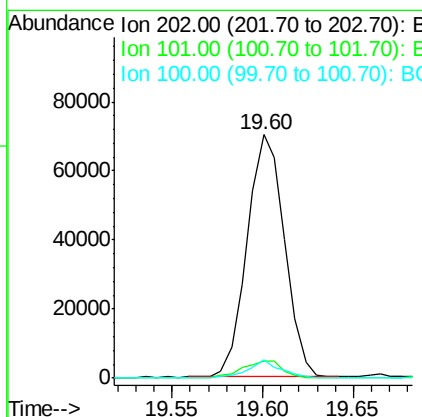
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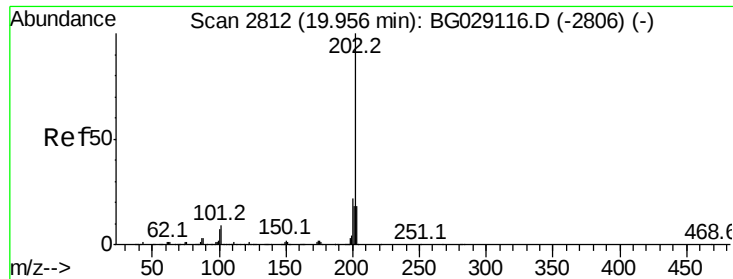
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#16
Fluoranthene
Concen: 4.551 ng/ul
RT: 19.60 min Scan# 2751
Delta R.T. 0.00 min
Lab File: BG029131.D
Acq: 10 Oct 2017 6:38

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.0	9.9	14.9#
100	7.4	7.4	11.0





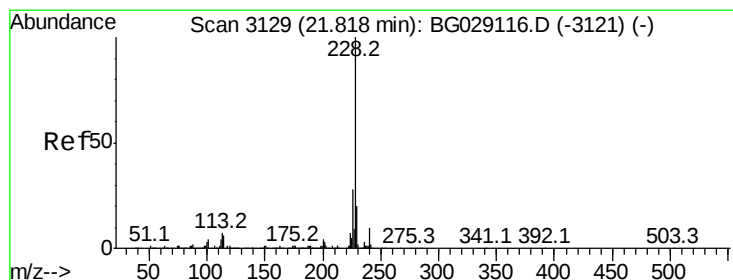
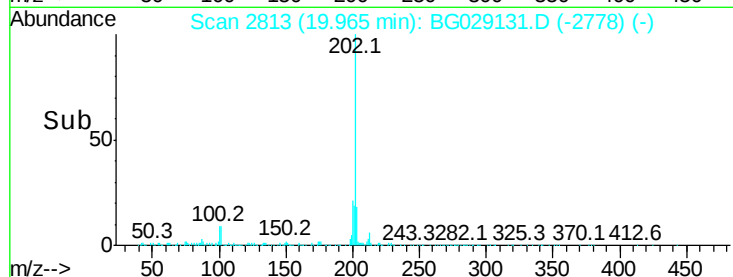
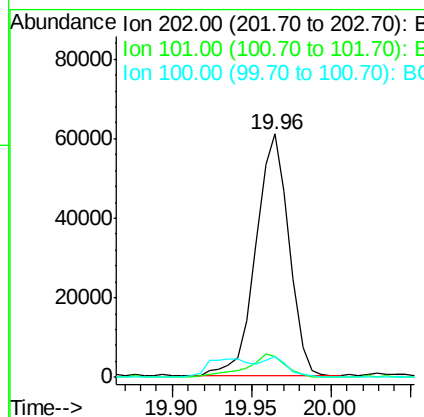
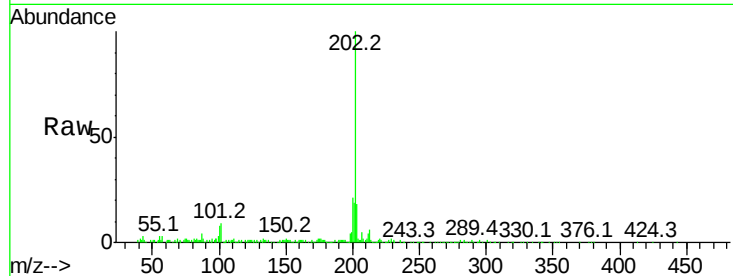
#19
Pvrene
Concen: 3.790 ng/ul
RT: 19.96 min Scan# 2813
Delta R.T. 0.01 min
Lab File: BG029131.D
Acq: 10 Oct 2017 6:38

Instrument :
BNA_G
ClientSampleId :
DAH98

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.7	11.0	16.4#
100	8.5	8.1	12.1

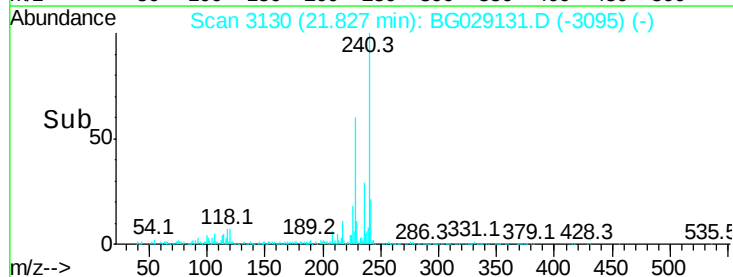
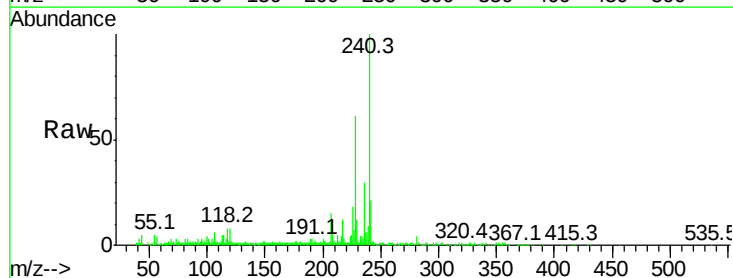
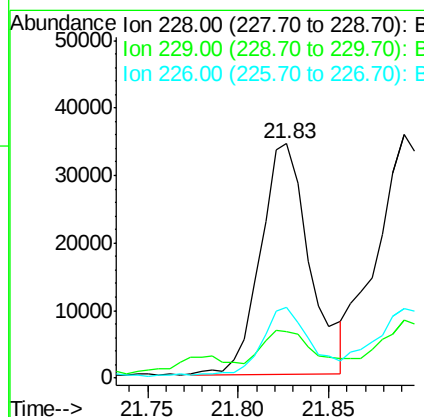
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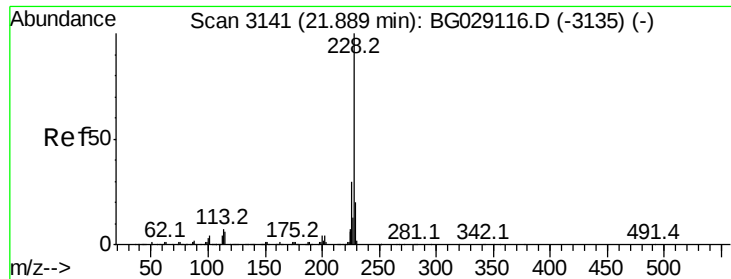
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#20
Benzo(a)anthracene
Concen: 2.928 ng/ul
RT: 21.83 min Scan# 3130
Delta R.T. 0.01 min
Lab File: BG029131.D
Acq: 10 Oct 2017 6:38

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	19.9	15.7	23.5
226	30.1	21.1	31.7





#21

Chrysene

Concen: 3.442 ng/ul

RT: 21.89 min Scan# 3141

Delta R.T. 0.00 min

Lab File: BG029131.D

Acq: 10 Oct 2017 6:38

Instrument :

BNA_G

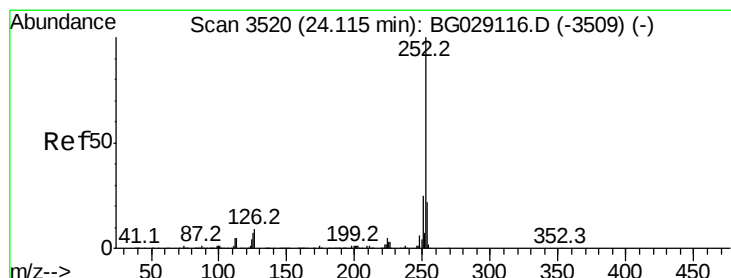
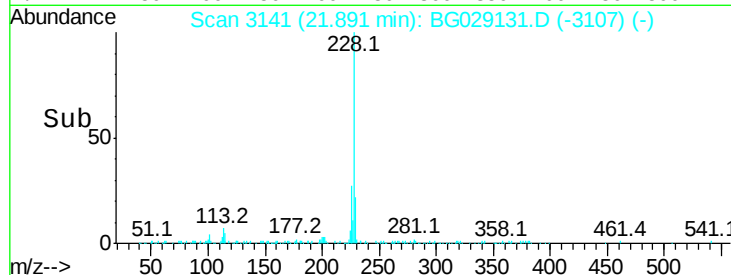
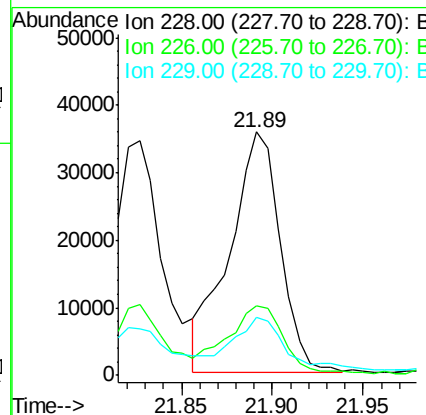
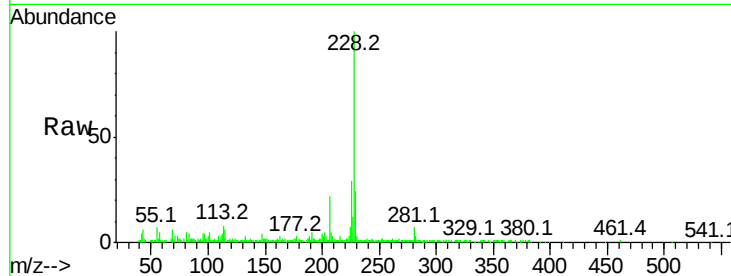
ClientSampled :

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Tot Ion:	228	Resp:	69540
Ion Ratio	Lower	Upper	
228	100		
226	28.5	24.5	36.7
229	23.7	15.8	23.8

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#23

Benzo(b)fluoranthene

Concen: 4.771 ng/ul

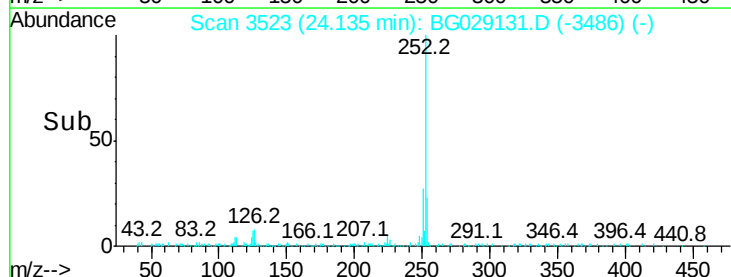
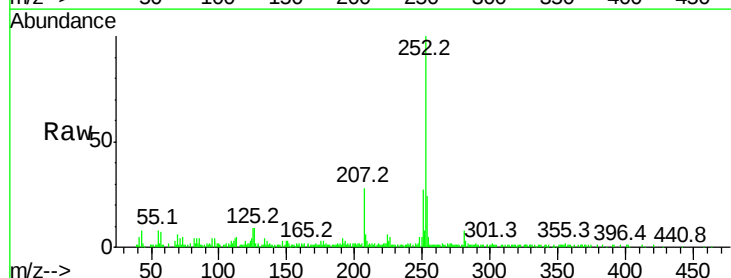
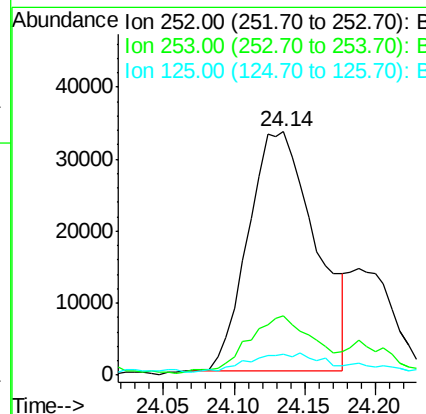
RT: 24.14 min Scan# 3523

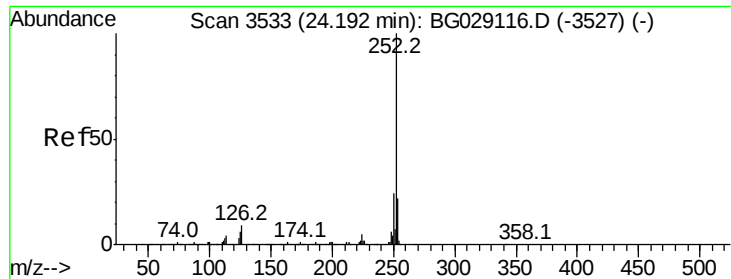
Delta R.T. 0.02 min

Lab File: BG029131.D

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Tgt Ion:	252	Resp:	110818
Ion Ratio	Lower	Upper	
252	100		
253	24.2	18.0	27.0
125	8.8	8.0	12.0





#24

Benzo(k)fluoranthene

Concen: 1.663 ng/ul m

RT: 24.19 min Scan# 3532

Delta R.T. -0.00 min

Lab File: BG029131.D

Acq: 10 Oct 2017 6:38

Instrument :

BNA_G

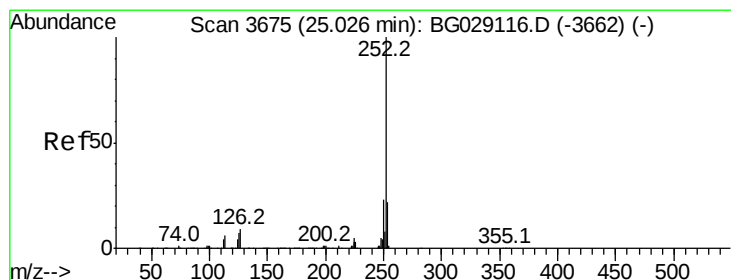
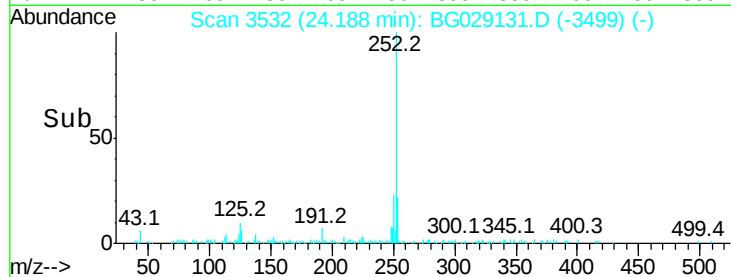
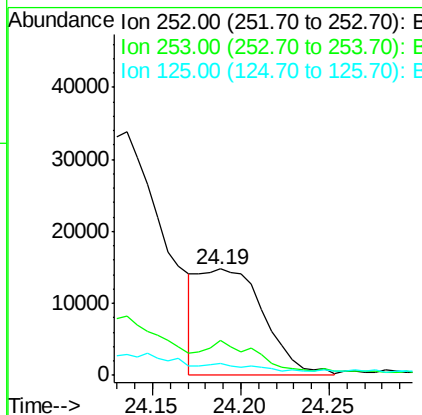
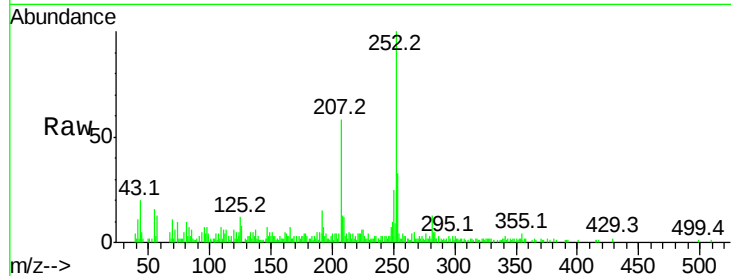
ClientSampled :

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Tot Ion:	252	Resp:	37697
Ion Ratio	Lower	Upper	
252	100		
253	32.8	18.0	27.0#
125	11.8	8.1	12.1

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#26

Benzo(a)pyrene

Concen: 3.283 ng/ul

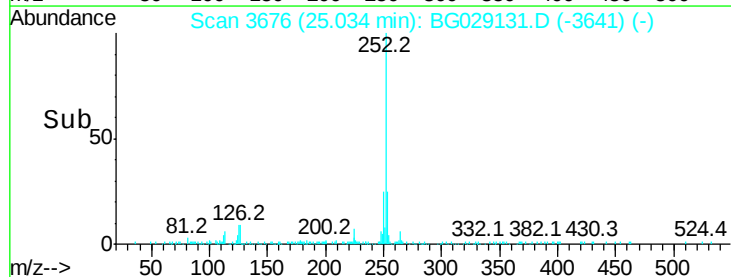
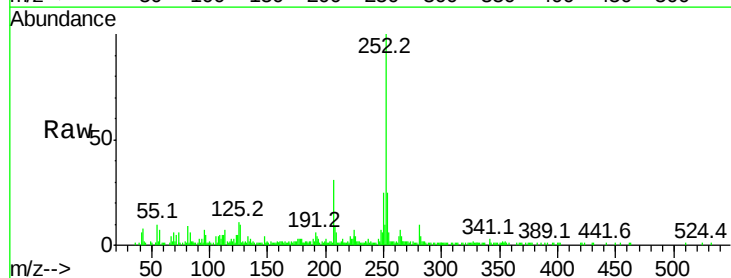
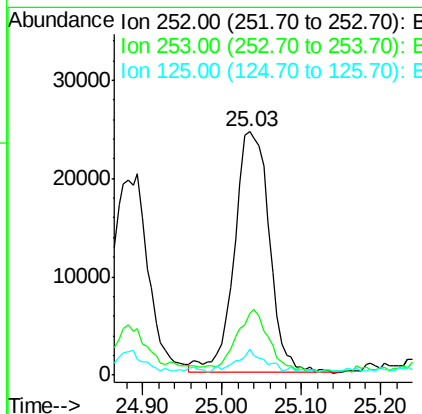
RT: 25.03 min Scan# 3676

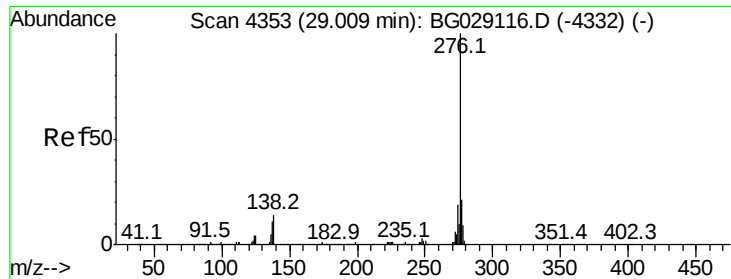
Delta R.T. 0.01 min

Lab File: BG029131.D

Acq: 10 Oct 2017 6:38

Tgt Ion:	252	Resp:	74064
Ion Ratio	Lower	Upper	
252	100		
253	25.4	17.2	25.8
125	10.9	8.2	12.4





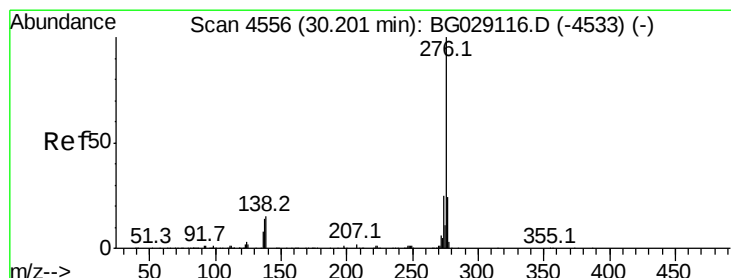
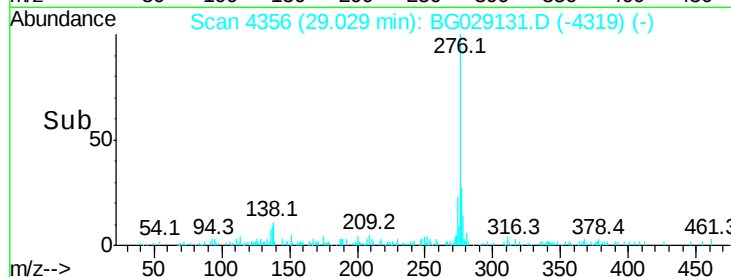
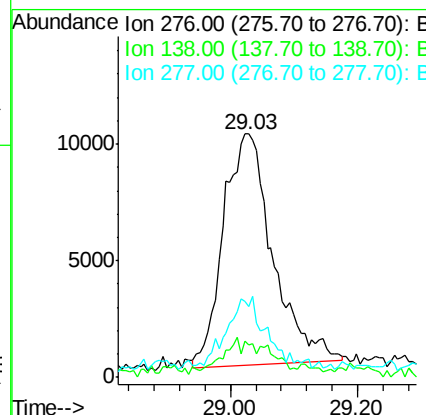
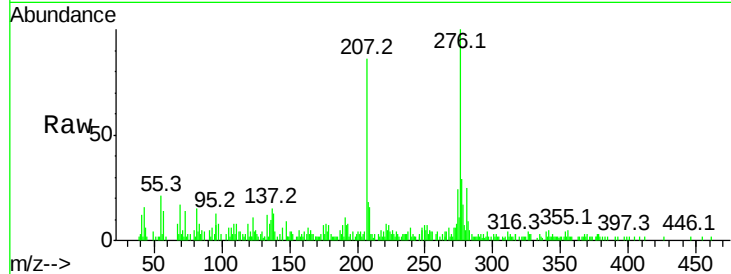
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 2.102 ng/ul
 RT: 29.03 min Scan# 4356
 Delta R.T. 0.02 min
 Lab File: BG029131.D
 Acq: 10 Oct 2017 6:38

Instrument :
 BNA_G
 ClientSampleId :
 DAH98

Tot Ion	Ratio	Lower	Upper
276	100		
138	13.1	14.4	21.6#
277	29.0	18.0	27.0#

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#29
 Benzo(g,h,i)perylene
 Concen: 2.229 ng/ul
 RT: 30.22 min Scan# 4559
 Delta R.T. 0.02 min
 Lab File: BG029131.D
 Acq: 10 Oct 2017 6:38

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.1	15.3	22.9
277	29.8	19.0	28.4#

