

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100917\
 Data File : BG029130.D
 Acq On : 10 Oct 2017 5:58
 Operator : SJ/JU
 Sample : I5576-16
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DAH97

Manual Integrations
 APPROVED

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Quant Time: Oct 10 08:15:59 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	64127	20.00	ng/ul	0.00
2) Naphthalene-d8	11.03	136	271515	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.83	164	179855	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.57	188	399121	20.00	ng/ul	0.00
17) Chrysene-d12	21.85	240	416717	20.00	ng/ul	0.00
22) Perylene-d12	25.20	264	440922	20.00	ng/ul	0.01
System Monitoring Compounds						
7) Acenaphthylene-d8	14.52	160	533885	28.54	ng/ul	0.00
10) Fluorene-d10	15.81	176	403833	29.77	ng/ul	0.00
14) Anthracene-d10	17.67	188	564064	29.18	ng/ul	0.00
18) Pyrene-d10	19.94	212	684262	32.09	ng/ul	0.01
25) Benzo(a)pyrene-d12	24.97	264	649592	30.75	ng/ul	0.02
Target Compounds				Ovalue		
13) Phenanthrene	17.61	178	40908	1.922	ng/ul	95
16) Fluoranthene	19.60	202	92449	3.704	ng/ul#	90
19) Pyrene	19.96	202	80337	3.093	ng/ul#	90
20) Benzo(a)anthracene	21.82	228	59757m	2.435	ng/ul	
21) Chrysene	21.89	228	67593	3.008	ng/ul	98
23) Benzo(b)fluoranthene	24.13	252	112552	4.267	ng/ul#	95
24) Benzo(k)fluoranthene	24.20	252	30952m	1.202	ng/ul	
26) Benzo(a)pyrene	25.04	252	73535	2.870	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	29.02	276	55283	1.901	ng/ul#	94
29) Benzo(g,h,i)perylene	30.21	276	47855m	1.996	ng/ul	

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

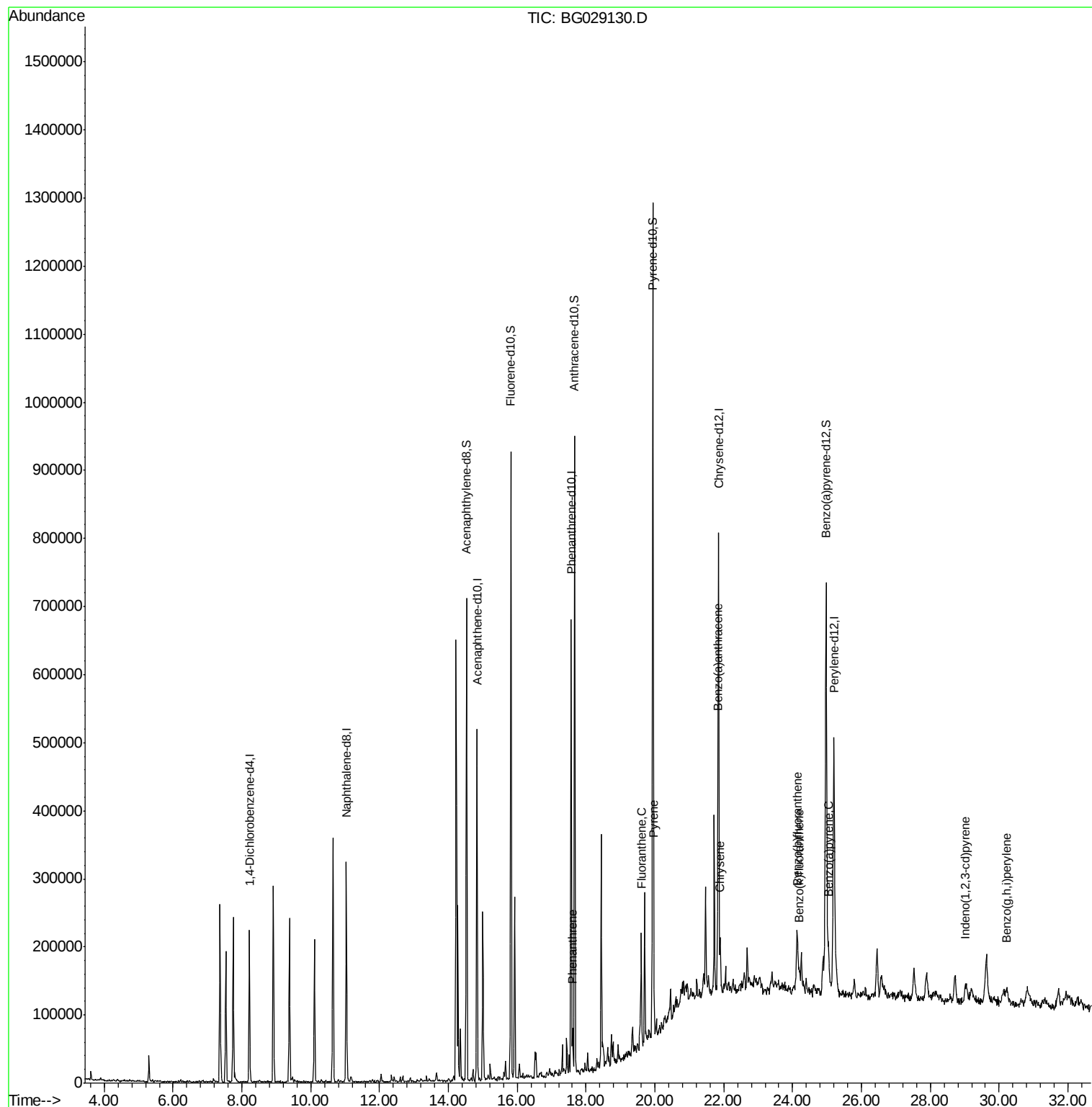
Data Path : Z:\HPCHEM1\BNA G\DATA\BG100917\
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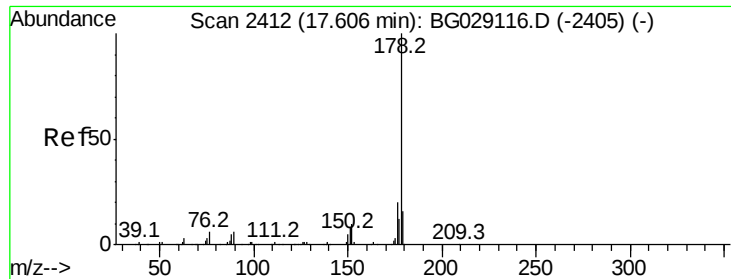
Instrument :
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ClientSampled :
DAH97

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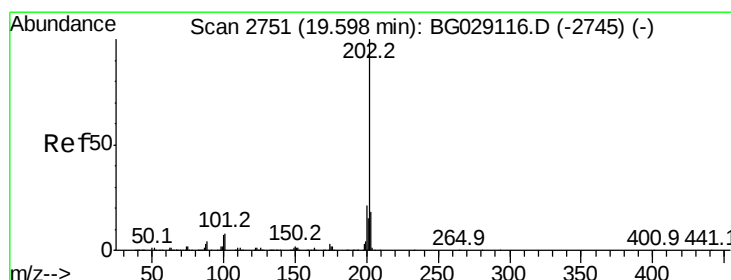
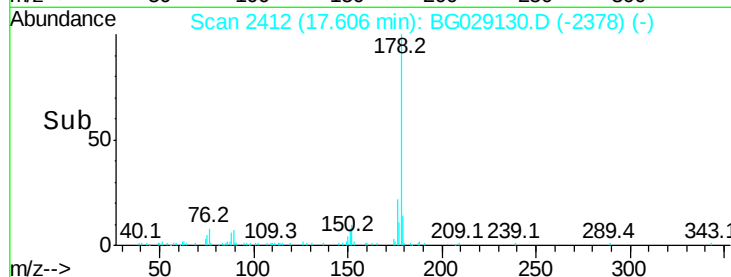
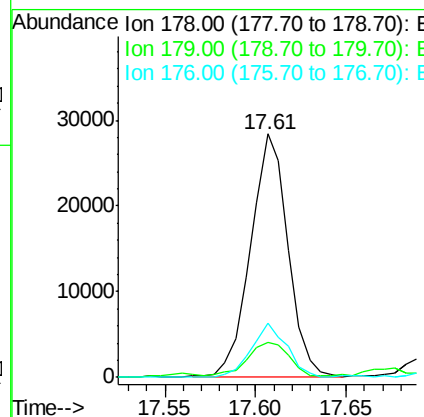
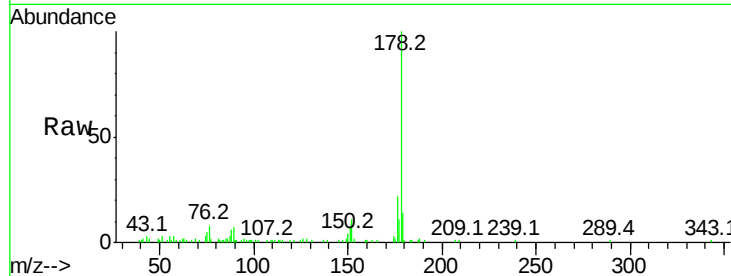
#13
Phenanthrene
Concen: 1.922 ng/ul
RT: 17.61 min Scan# 2412
Delta R.T. 0.00 min
Lab File: BG029130.D
Acq: 10 Oct 2017 5:58

Instrument :
BNA_G
ClientSampleId :
DAH97

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.1	12.3	18.5
176	22.2	15.1	22.7

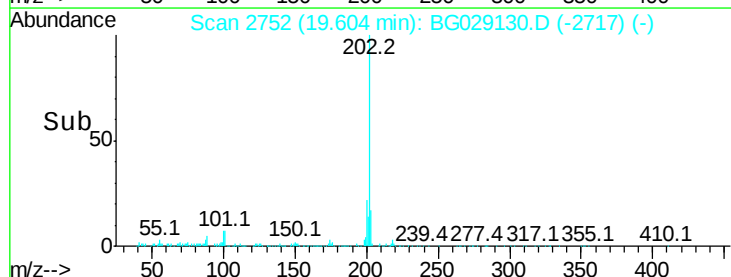
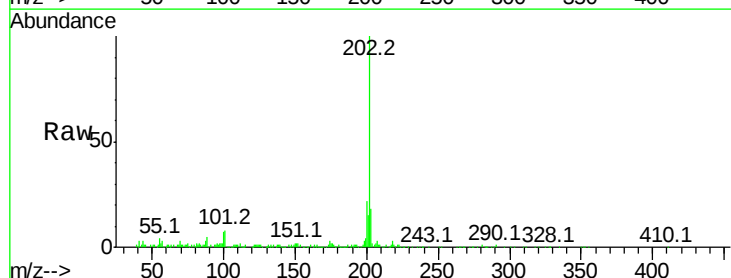
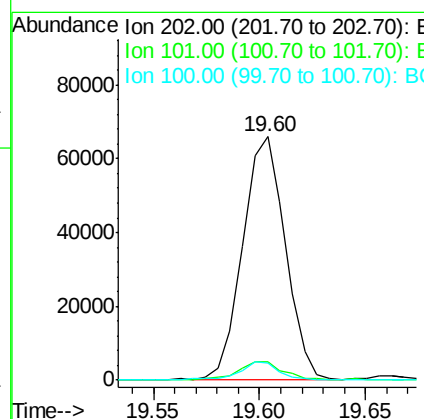
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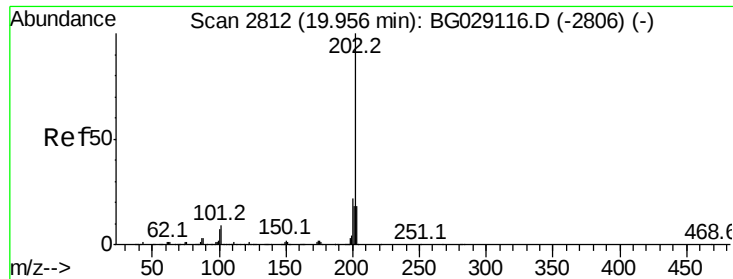
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#16
Fluoranthene
Concen: 3.704 ng/ul
RT: 19.60 min Scan# 2752
Delta R.T. 0.01 min
Lab File: BG029130.D
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Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.5	9.9	14.9#
100	7.1	7.4	11.0#





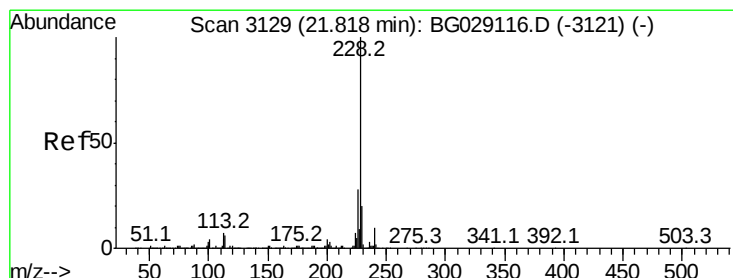
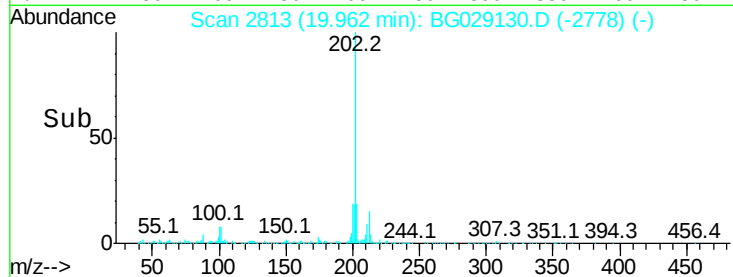
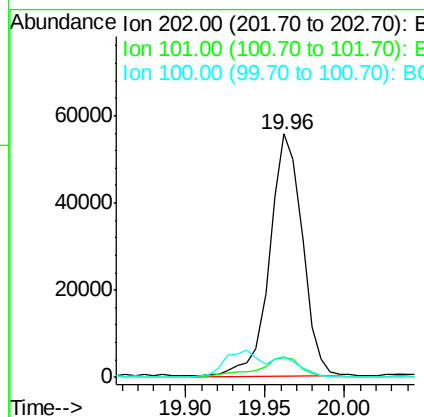
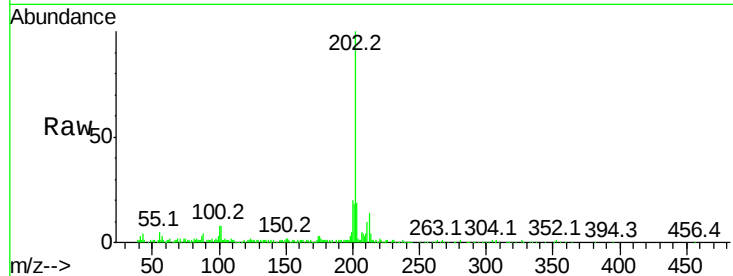
#19
Pvrene
Concen: 3.093 ng/ul
RT: 19.96 min Scan# 2813
Delta R.T. 0.01 min
Lab File: BG029130.D
Acq: 10 Oct 2017 5:58

Instrument :
BNA_G
ClientSampleId :
DAH97

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.2	11.0	16.4#
100	8.4	8.1	12.1

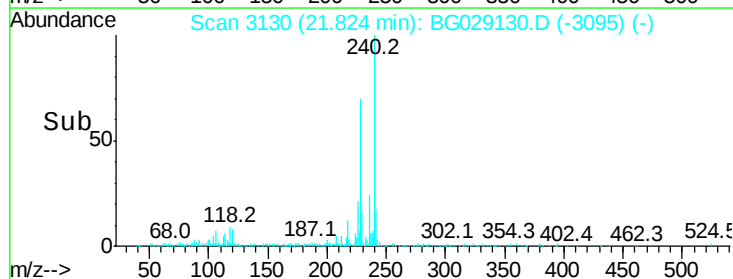
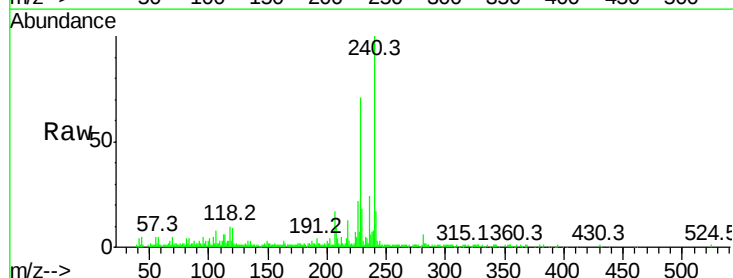
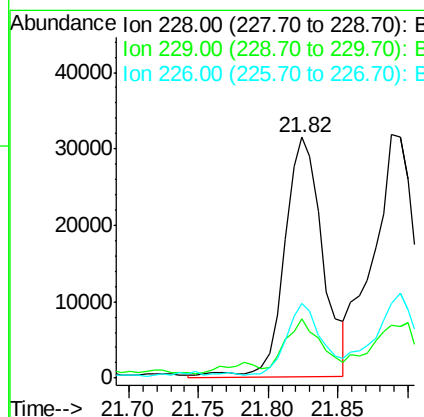
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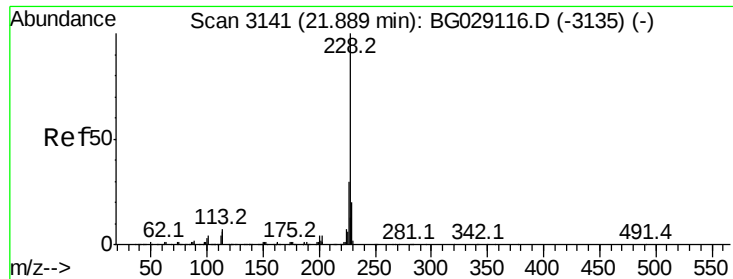
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#20
Benzo(a)anthracene
Concen: 2.435 ng/ul m
RT: 21.82 min Scan# 3130
Delta R.T. 0.01 min
Lab File: BG029130.D
Acq: 10 Oct 2017 5:58

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	24.7	15.7	23.5#
226	30.9	21.1	31.7





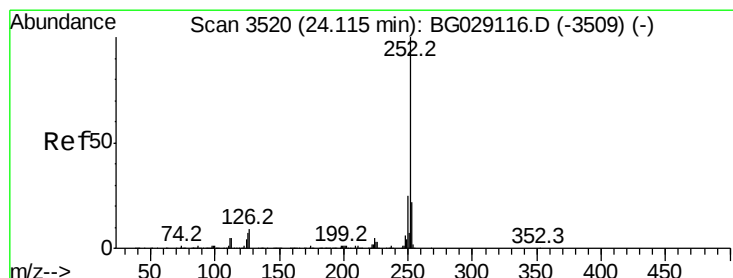
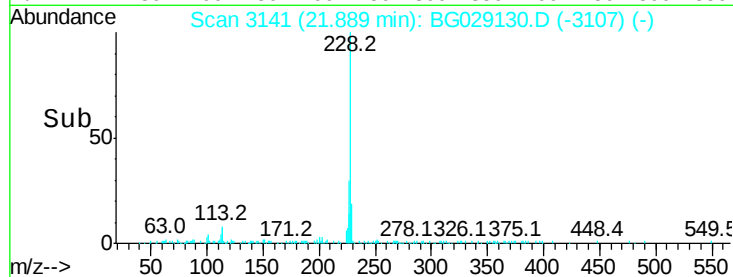
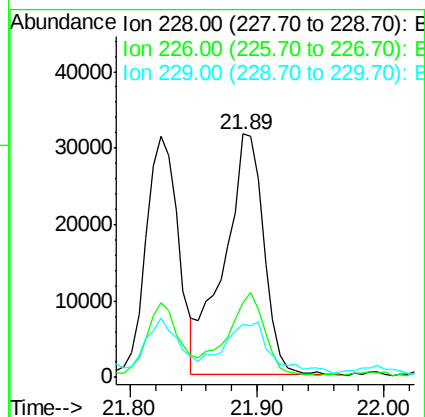
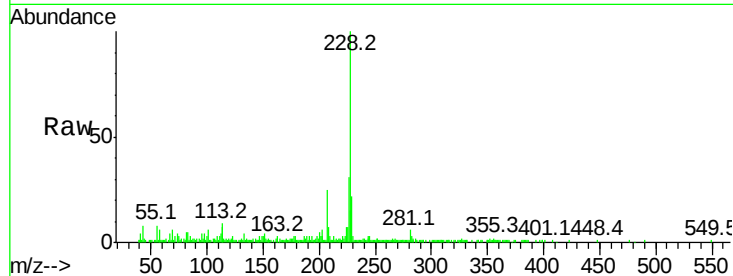
#21
Chrysene
Concen: 3.008 ng/ul
RT: 21.89 min Scan# 3141
Delta R.T. 0.00 min
Lab File: BG029130.D
Acq: 10 Oct 2017 5:58

Instrument :
BNA_G
ClientSampleId :
DAH97

Tot Ion:228	Resp:	67593
Ion Ratio	Lower	Upper
228 100		
226 30.6	24.5	36.7
229 21.9	15.8	23.8

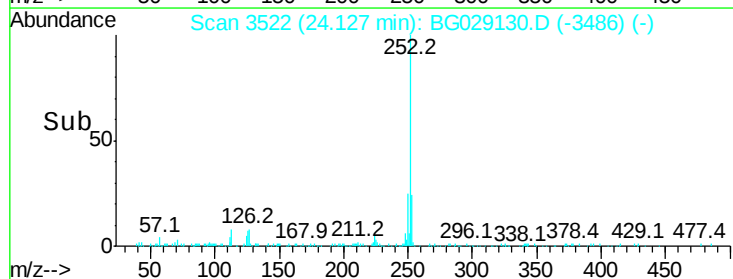
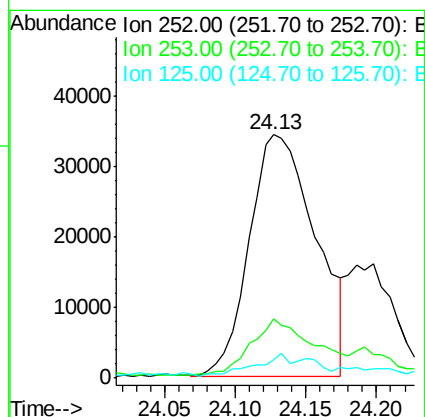
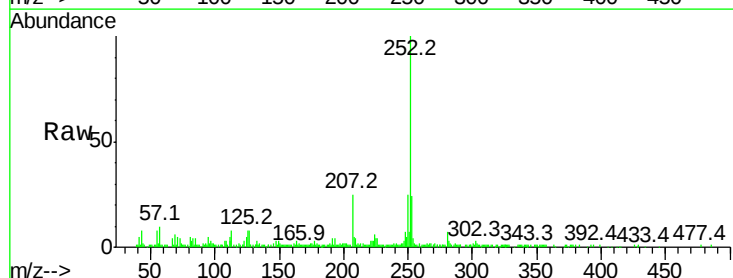
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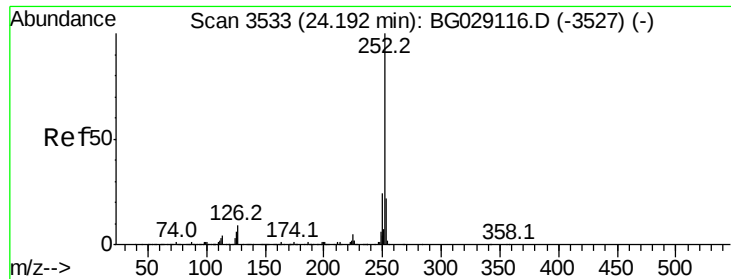
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#23
Benzo(b)fluoranthene
Concen: 4.267 ng/ul
RT: 24.13 min Scan# 3522
Delta R.T. 0.01 min
Lab File: BG029130.D
Acq: 10 Oct 2017 5:58

Tgt Ion:252	Resp:	112552
Ion Ratio	Lower	Upper
252 100		
253 24.5	18.0	27.0
125 7.5	8.0	12.0#





#24

Benzo(k)fluoranthene

Concen: 1.202 ng/ul m

RT: 24.20 min Scan# 3534

Delta R.T. 0.01 min

Lab File: BG029130.D

Acq: 10 Oct 2017 5:58

Instrument :

BNA_G

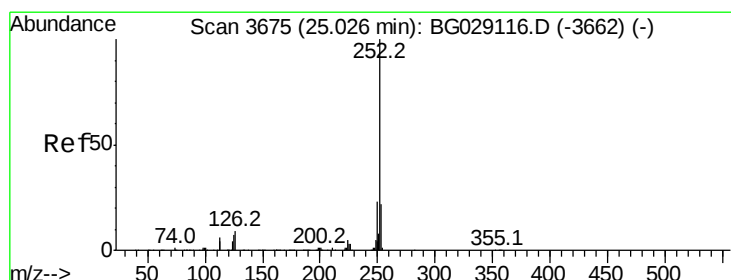
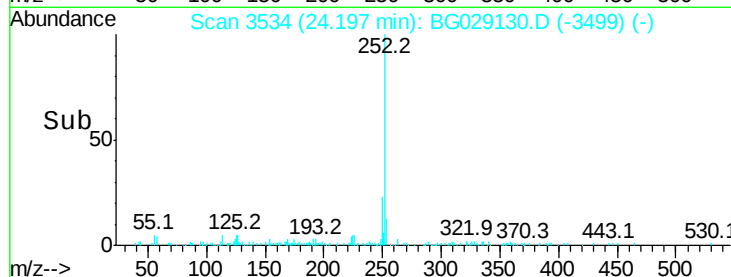
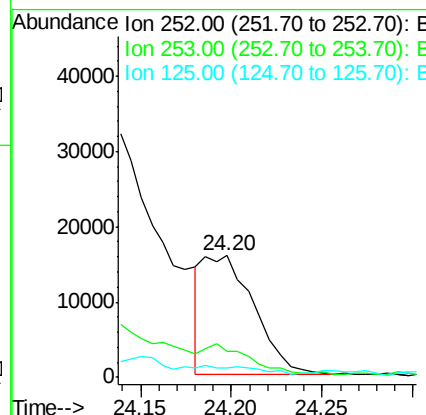
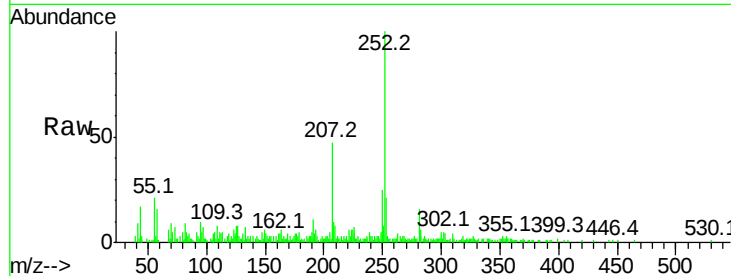
ClientSampled :

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Tot Ion:	252	Resp:	30952
Ion Ratio	Lower	Upper	
252	100		
253	21.1	18.0	27.0
125	7.8	8.1	12.1#

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#26

Benzo(a)pyrene

Concen: 2.870 ng/ul

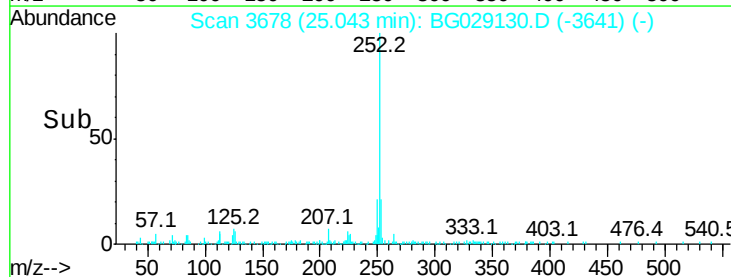
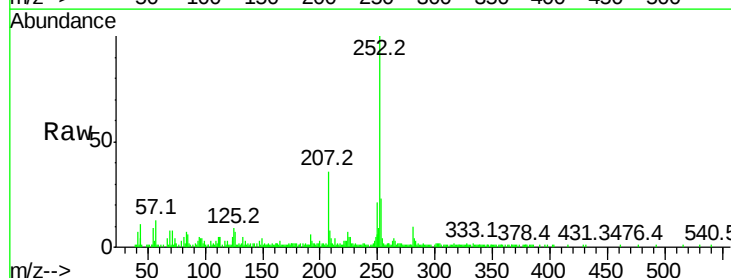
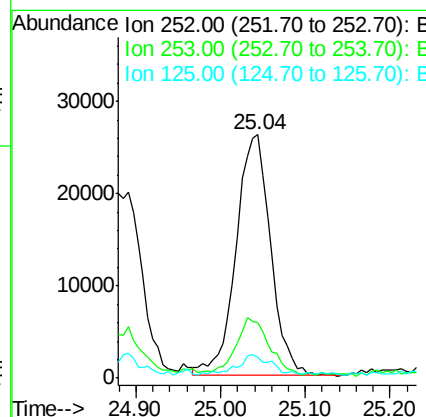
RT: 25.04 min Scan# 3678

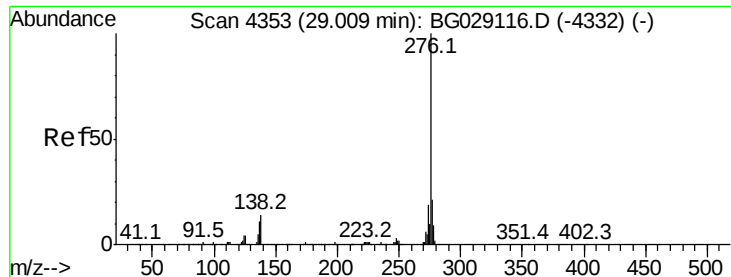
Delta R.T. 0.02 min

Lab File: BG029130.D

Acq: 10 Oct 2017 5:58

Tgt Ion:	252	Resp:	73535
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.2	25.8
125	8.6	8.2	12.4





#27

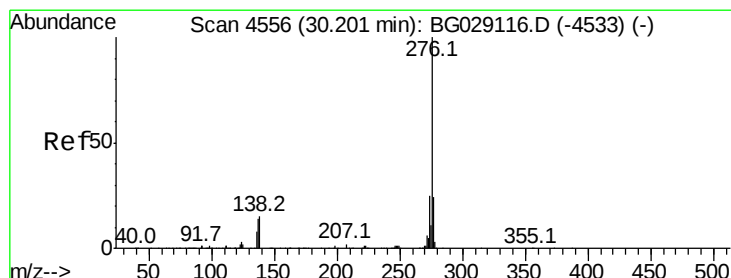
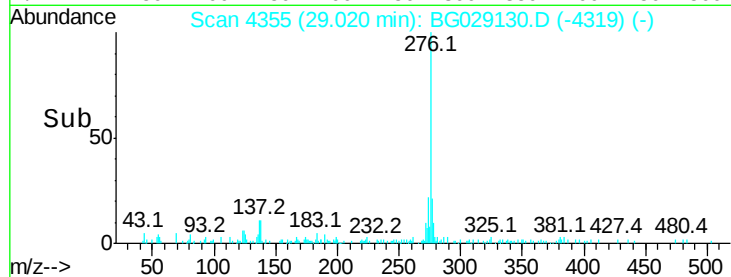
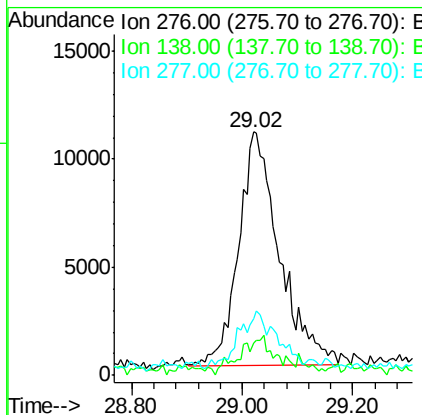
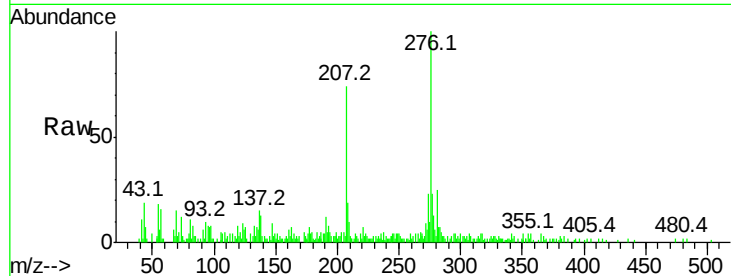
Indeno(1,2,3-cd)pyrene
Concen: 1.901 ng/ul
RT: 29.02 min Scan# 4353
Delta R.T. 0.01 min
Lab File: BG029130.D
Acq: 10 Oct 2017 5:58

Instrument :
BNA_G
ClientSampled :
DAH97

Tot Ion	Ratio	Lower	Upper
276	100		
138	13.4	14.4	21.6#
277	23.4	18.0	27.0

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#29

Benzo(g,h,i)perylene
Concen: 1.996 ng/ul m
RT: 30.21 min Scan# 4558
Delta R.T. 0.01 min
Lab File: BG029130.D
Acq: 10 Oct 2017 5:58

Tgt Ion	Ratio	Lower	Upper
276	100		
138	12.9	15.3	22.9#
277	25.3	19.0	28.4

