

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100917\
 Data File : BG029127.D
 Acq On : 10 Oct 2017 3:58
 Operator : SJ/JU
 Sample : I5576-19
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DAHA0

Manual Integrations
 APPROVED

Sohil
 10/10/2017 5:04:03 PM

Quant Time: Oct 10 07:09:04 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	57756	20.00	ng/ul	0.00
2) Naphthalene-d8	11.03	136	237260	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.83	164	153877	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.57	188	349521	20.00	ng/ul	0.00
17) Chrysene-d12	21.85	240	367629	20.00	ng/ul	0.00
22) Perylene-d12	25.20	264	380620	20.00	ng/ul	0.02
System Monitoring Compounds						
7) Acenaphthylene-d8	14.52	160	521757	32.60	ng/ul	0.00
10) Fluorene-d10	15.82	176	393011	33.86	ng/ul	0.00
14) Anthracene-d10	17.67	188	570741	33.71	ng/ul	0.00
18) Pyrene-d10	19.93	212	692120	36.80	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.97	264	664907	36.47	ng/ul	0.02
Target Compounds						
13) Phenanthrene	17.61	178	82816	4.442	ng/ul	96
16) Fluoranthene	19.60	202	188202	8.612	ng/ul#	89
19) Pyrene	19.96	202	165648	7.228	ng/ul#	91
20) Benzo(a)anthracene	21.83	228	105191	4.859	ng/ul#	95
21) Chrysene	21.90	228	120660	6.086	ng/ul#	95
23) Benzo(b)fluoranthene	24.13	252	186796	8.204	ng/ul#	97
24) Benzo(k)fluoranthene	24.19	252	54139m	2.436	ng/ul	
26) Benzo(a)pyrene	25.04	252	114843m	5.193	ng/ul	
27) Indeno(1,2,3-cd)pyrene	29.03	276	84563m	3.369	ng/ul	
28) Dibenzo(a,h)anthracene	29.07	278	22012	1.059	ng/ul#	73
29) Benzo(g,h,i)perylene	30.23	276	71617	3.460	ng/ul#	91

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

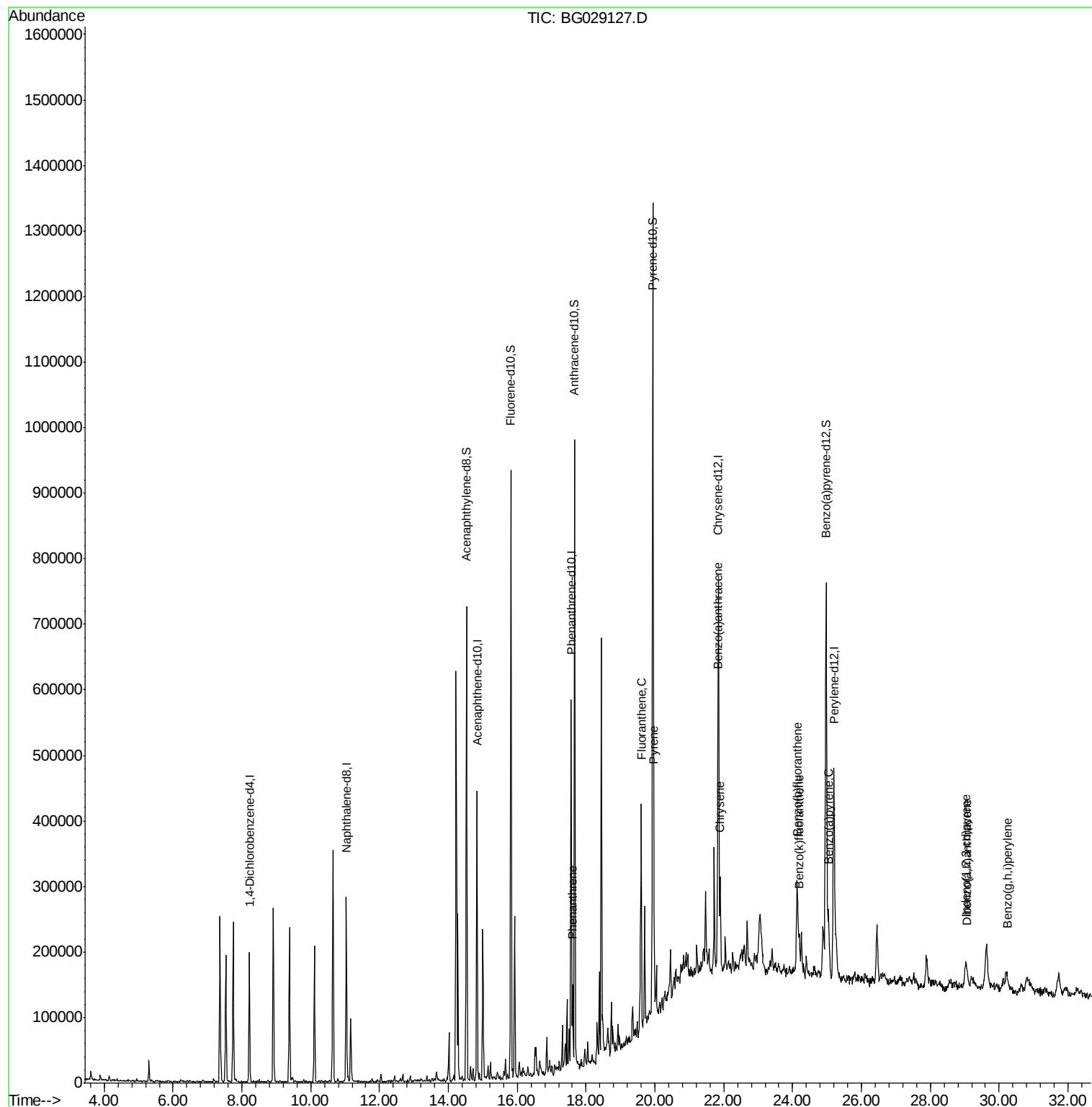
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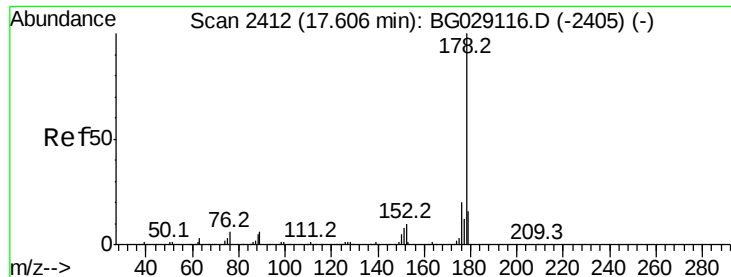
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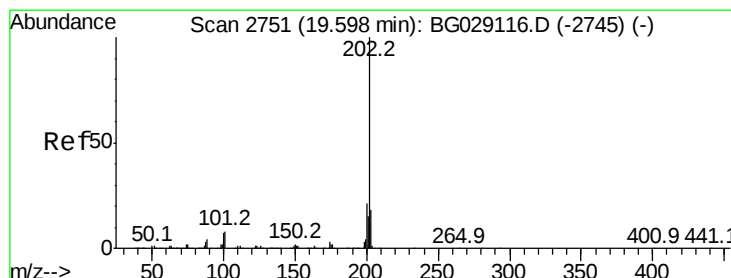
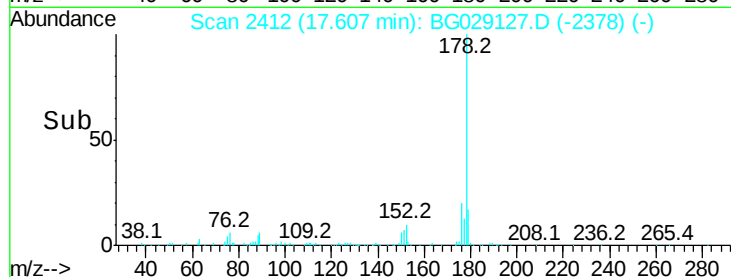
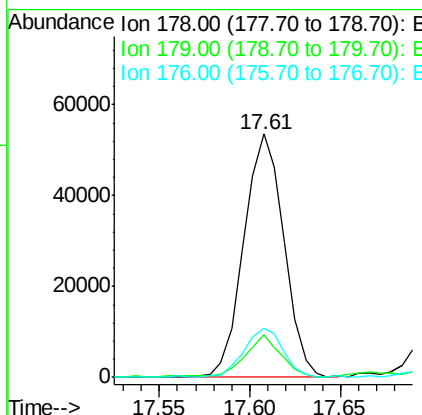
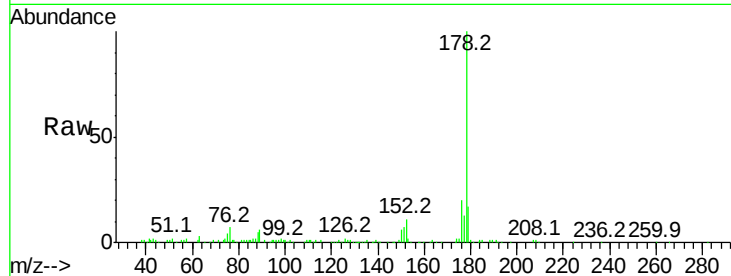
#13
Phenanthrene
Concen: 4.442 ng/ul
RT: 17.61 min Scan# 2412
Delta R.T. 0.00 min
Lab File: BG029127.D
Acq: 10 Oct 2017 3:58

Instrument :
BNA_G
ClientSampleId :
DAHA0

Tot Ion	Ratio	Lower	Upper
178	100		
179	17.3	12.3	18.5
176	20.4	15.1	22.7

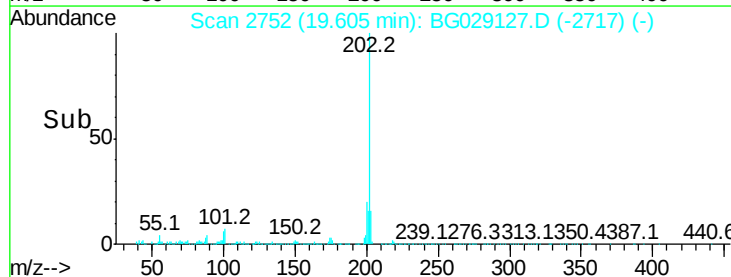
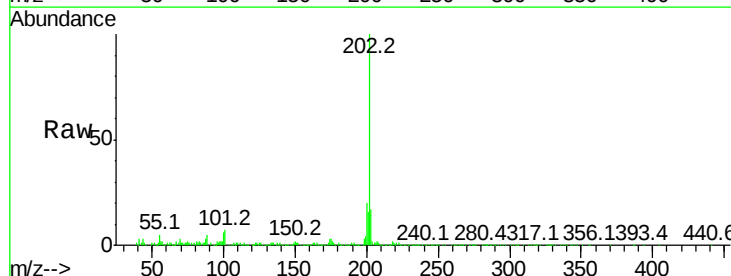
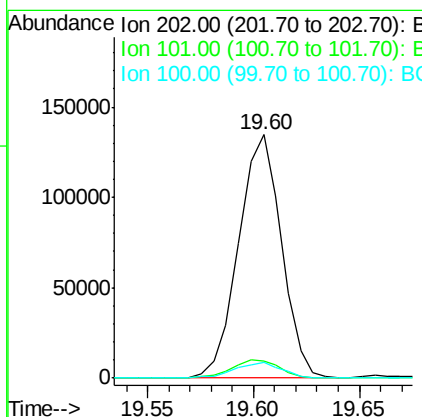
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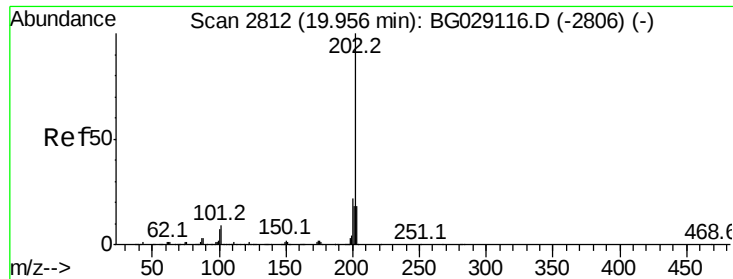
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#16
Fluoranthene
Concen: 8.612 ng/ul
RT: 19.60 min Scan# 2752
Delta R.T. 0.01 min
Lab File: BG029127.D
Acq: 10 Oct 2017 3:58

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.1	9.9	14.9#
100	6.2	7.4	11.0#





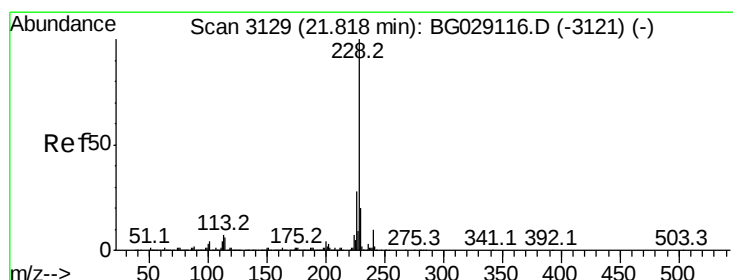
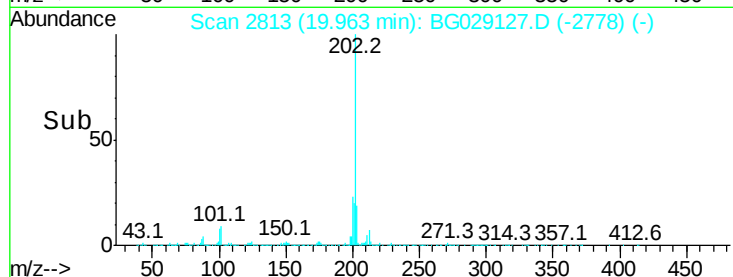
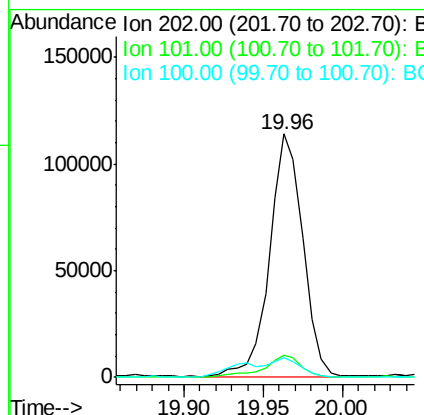
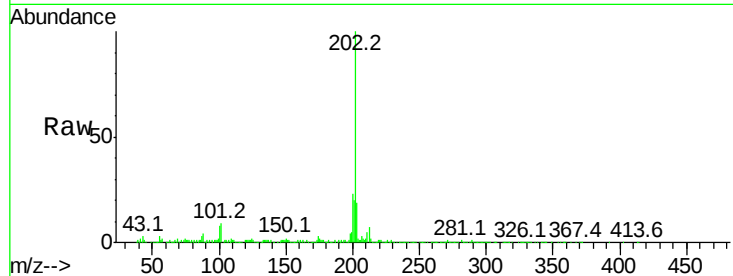
#19
Pvrene
Concen: 7.228 ng/ul
RT: 19.96 min Scan# 2813
Delta R.T. 0.01 min
Lab File: BG029127.D
Acq: 10 Oct 2017 3:58

Instrument :
BNA_G
ClientSampleId :
DAHA0

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.0	11.0	16.4#
100	8.0	8.1	12.1#

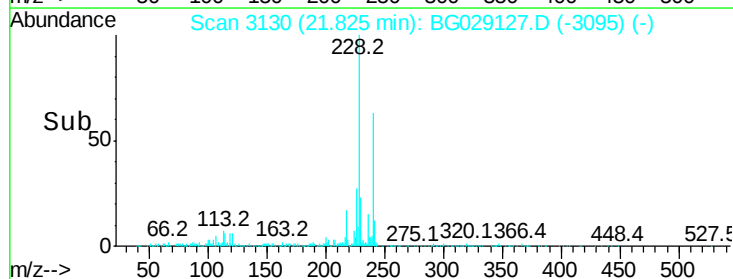
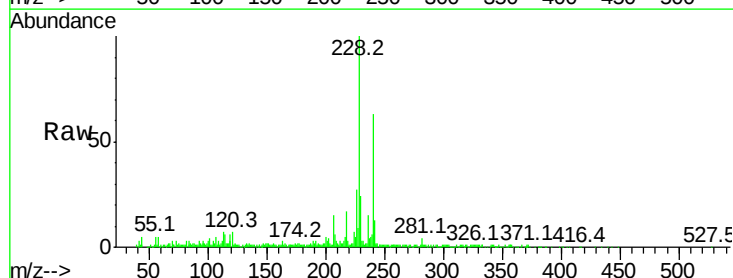
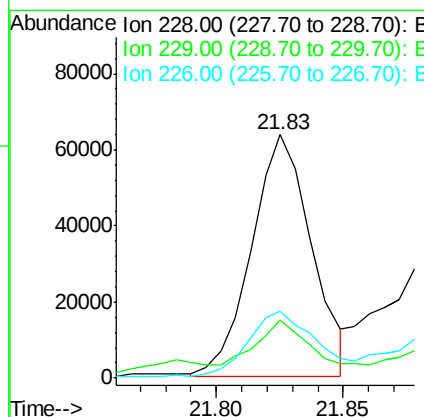
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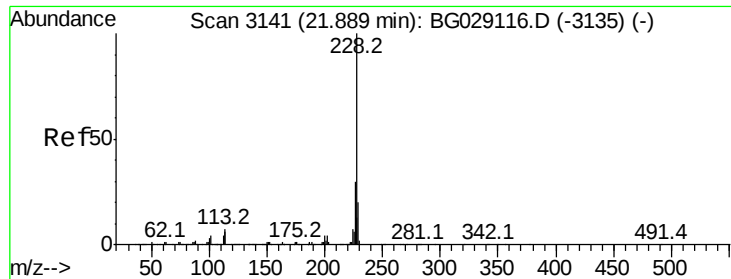
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#20
Benzo(a)anthracene
Concen: 4.859 ng/ul
RT: 21.83 min Scan# 3130
Delta R.T. 0.01 min
Lab File: BG029127.D
Acq: 10 Oct 2017 3:58

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	23.8	15.7	23.5#
226	27.4	21.1	31.7





#21

Chrysene

Concen: 6.086 ng/ul

RT: 21.90 min Scan# 3142

Delta R.T. 0.01 min

Lab File: BG029127.D

Acq: 10 Oct 2017 3:58

Instrument :

BNA_G

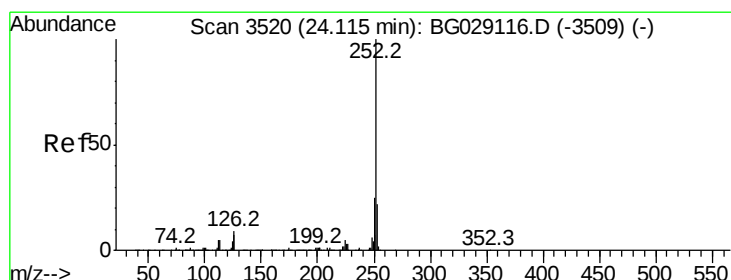
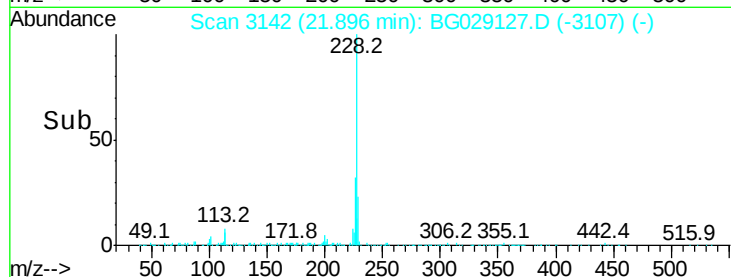
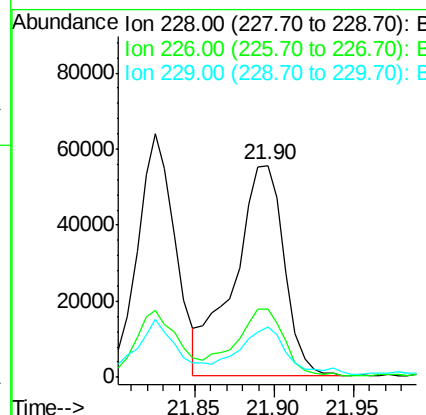
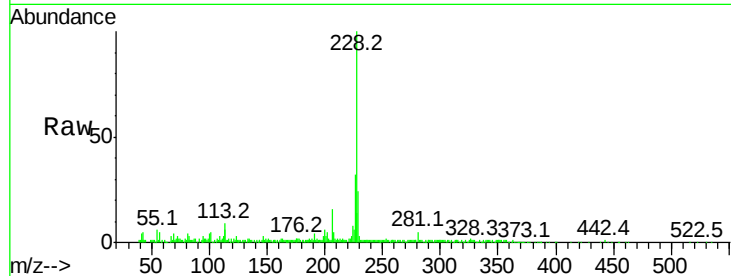
ClientSampleId :

DAHA0

Tot Ion:	228	Resp:	120660
Ion Ratio	Lower	Upper	
228	100		
226	32.0	24.5	36.7
229	23.8	15.8	23.8#

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#23

Benzo(b)fluoranthene

Concen: 8.204 ng/ul

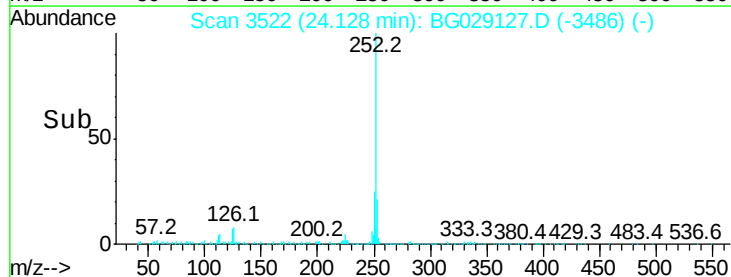
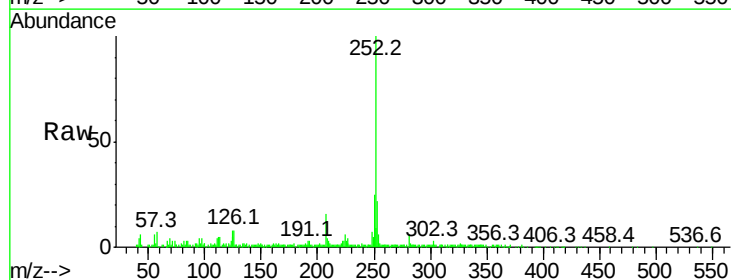
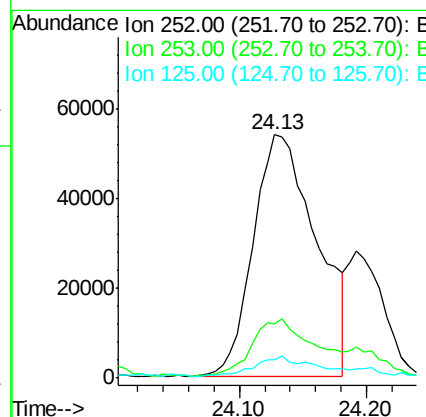
RT: 24.13 min Scan# 3522

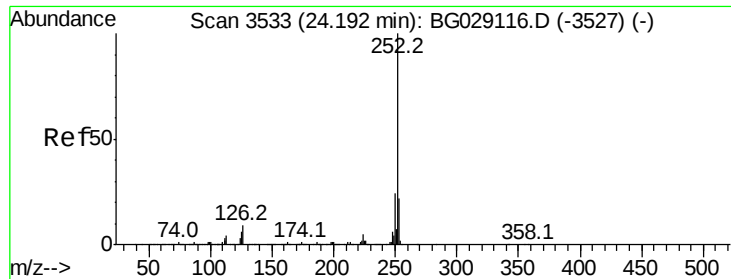
Delta R.T. 0.01 min

Lab File: BG029127.D

Acq: 10 Oct 2017 3:58

Tgt Ion:	252	Resp:	186796
Ion Ratio	Lower	Upper	
252	100		
253	22.0	18.0	27.0
125	7.8	8.0	12.0#





#24

Benzo(k)fluoranthene

Concen: 2.436 ng/ul m

RT: 24.19 min Scan# 3533

Delta R.T. 0.00 min

Lab File: BG029127.D

Acq: 10 Oct 2017 3:58

Instrument :

BNA_G

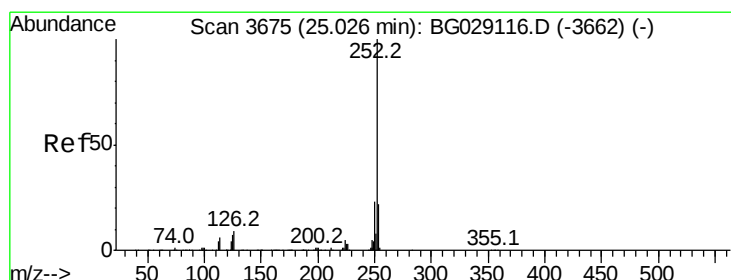
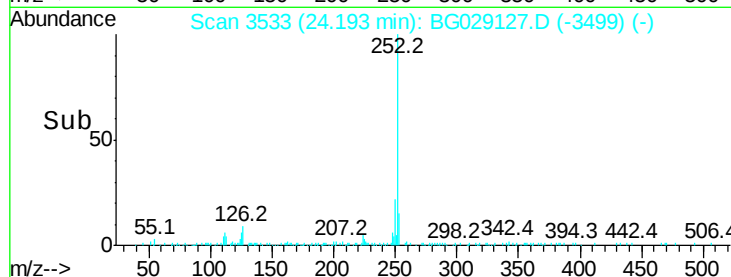
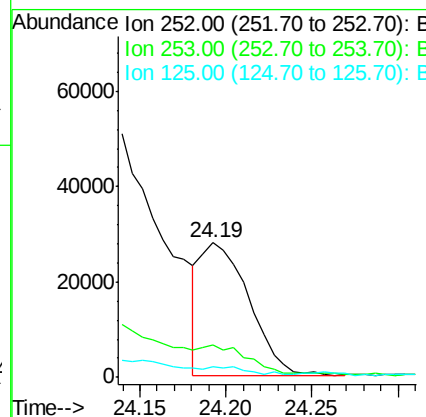
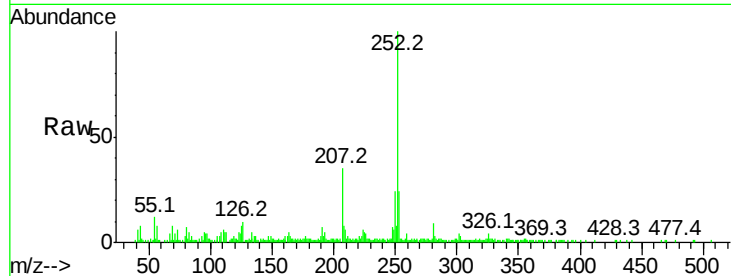
ClientSampleId :

DAHA0

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.0	27.0
125	7.6	8.1	12.1#

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#26

Benzo(a)pyrene

Concen: 5.193 ng/ul m

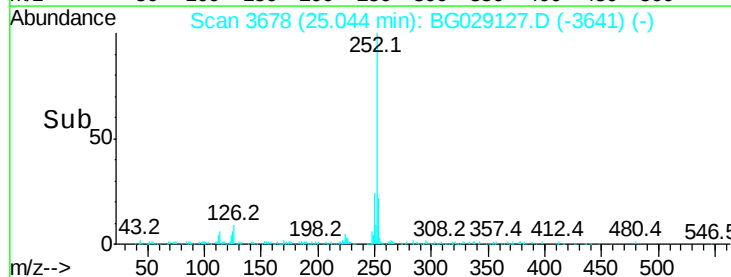
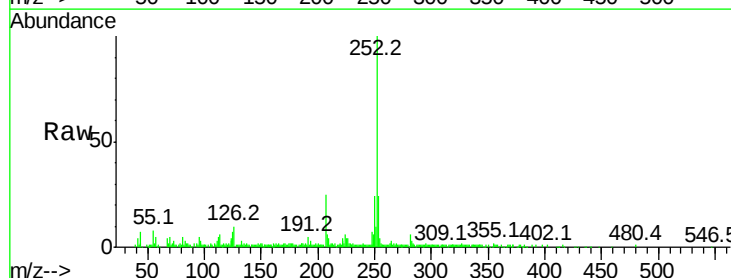
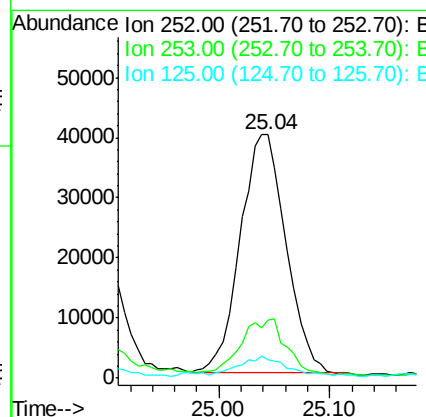
RT: 25.04 min Scan# 3678

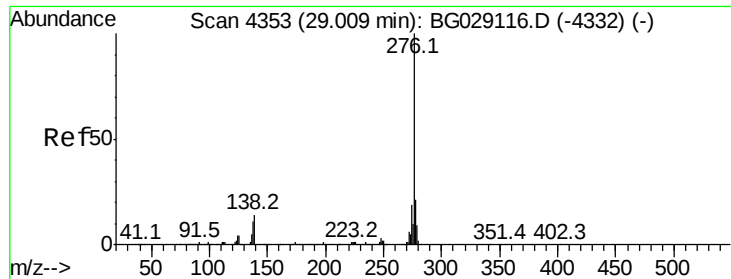
Delta R.T. 0.02 min

Lab File: BG029127.D

Acq: 10 Oct 2017 3:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.2	25.8
125	7.4	8.2	12.4#





#27

Indeno(1,2,3-cd)pyrene

Concen: 3.369 ng/ul

RT: 29.03 min Scan# 4356

Delta R.T. 0.02 min

Lab File: BG029127.D

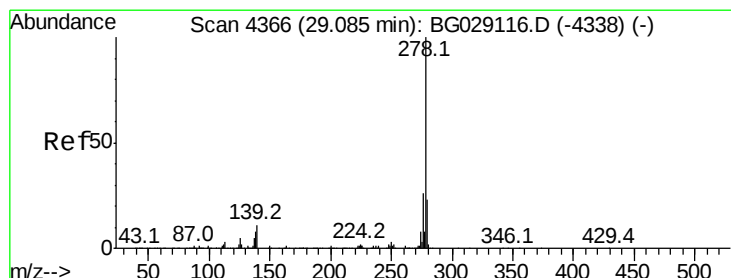
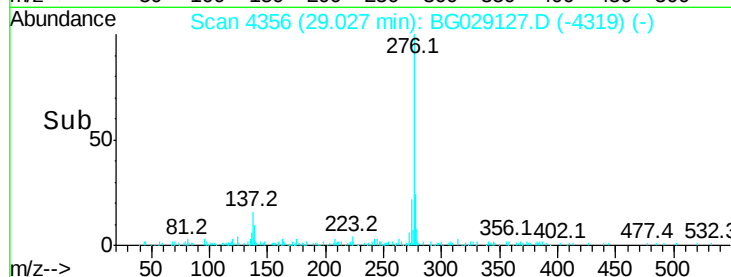
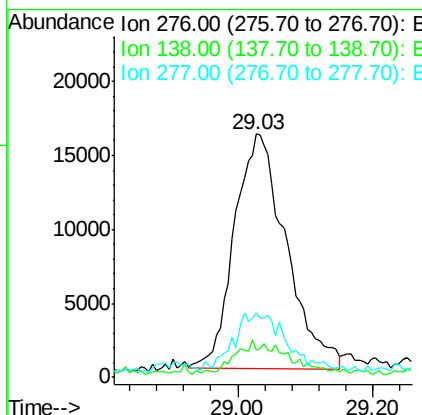
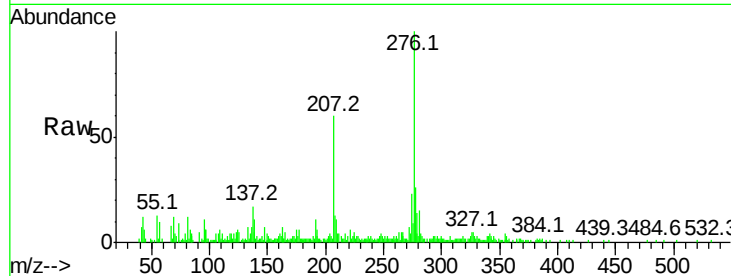
Acq: 10 Oct 2017 3:58

Instrument :
BNA_G
ClientSampleId :
DAHA0

Tot Ion	Ratio	Lower	Upper
276	100		
138	11.4	14.4	21.6#
277	26.4	18.0	27.0

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#28

Dibenzo(a,h)anthracene

Concen: 1.059 ng/ul

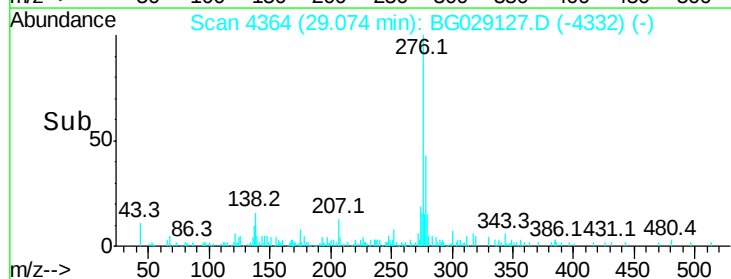
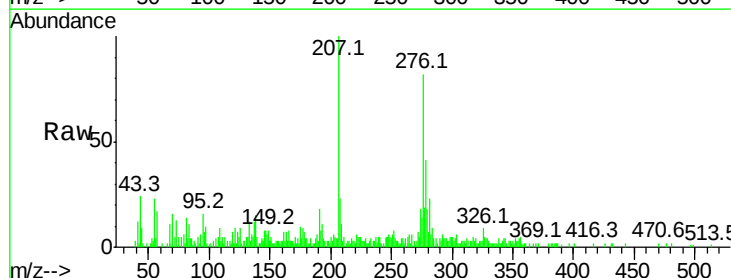
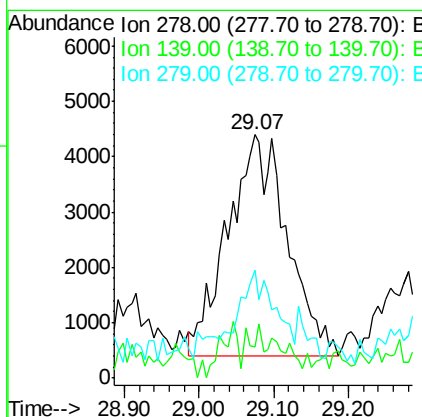
RT: 29.07 min Scan# 4364

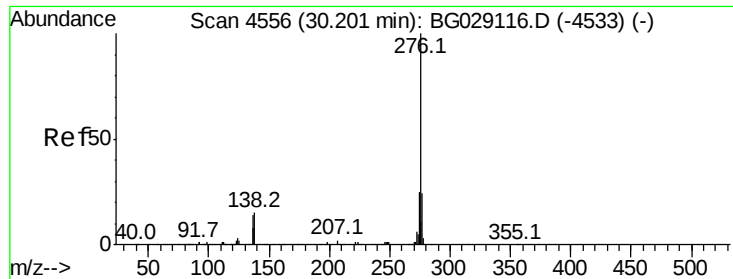
Delta R.T. -0.01 min

Lab File: BG029127.D

Acq: 10 Oct 2017 3:58

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.0	12.2	18.4
279	44.4	19.2	28.8#





#29

Benzo(a,h,i)perylene

Concen: 3.460 ng/ul

RT: 30.23 min Scan# 4560

Delta R.T. 0.02 min

Lab File: BG029127.D

Acq: 10 Oct 2017 3:58

Instrument :

BNA_G

ClientSampleId :

DAHA0

Tot Ion:	276	Resp:	71617
Ion Ratio	Lower	Upper	
276	100		
138	14.3	15.3	22.9#
277	27.8	19.0	28.4

Manual Integrations
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