

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100917\
 Data File : BG029123.D
 Acq On : 10 Oct 2017 1:18
 Operator : SJ/JU
 Sample : I5576-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DAEA1

Manual Integrations
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Quant Time: Oct 10 06:57:14 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	8.21	152	59942	20.00	ng/ul	0.00
2) Naphthalene-d8	11.03	136	254393	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.83	164	152050	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.57	188	387199	20.00	ng/ul	0.00
17) Chrysene-d12	21.84	240	405277	20.00	ng/ul	0.00
22) Perylene-d12	25.20	264	417190	20.00	ng/ul	0.01
System Monitoring Compounds						
7) Acenaphthylene-d8	14.52	160	361835	22.88	ng/ul	0.00
10) Fluorene-d10	15.82	176	366877	31.99	ng/ul	0.00
14) Anthracene-d10	17.67	188	482705	25.74	ng/ul	0.00
18) Pyrene-d10	19.93	212	581363	28.04	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.97	264	529465	26.49	ng/ul	0.02
Target Compounds				Ovalue		
3) Naphthalene	11.08	128	27434	2.072	ng/ul#	95
4) 2-Methylnaphthalene	12.67	142	13305	1.324	ng/ul	95
13) Phenanthrene	17.61	178	107134	5.187	ng/ul	95
16) Fluoranthene	19.60	202	168583m	6.963	ng/ul	
19) Pyrene	19.96	202	132806	5.257	ng/ul#	89
20) Benzo(a)anthracene	21.82	228	92759	3.886	ng/ul	94
21) Chrysene	21.89	228	109508	5.011	ng/ul	97
23) Benzo(b)fluoranthene	24.13	252	166606	6.676	ng/ul#	97
24) Benzo(k)fluoranthene	24.19	252	44987m	1.847	ng/ul	
26) Benzo(a)pyrene	25.04	252	90294m	3.725	ng/ul	
27) Indeno(1,2,3-cd)pyrene	29.03	276	67355	2.448	ng/ul#	91
29) Benzo(g,h,i)perylene	30.23	276	60557	2.669	ng/ul#	93

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

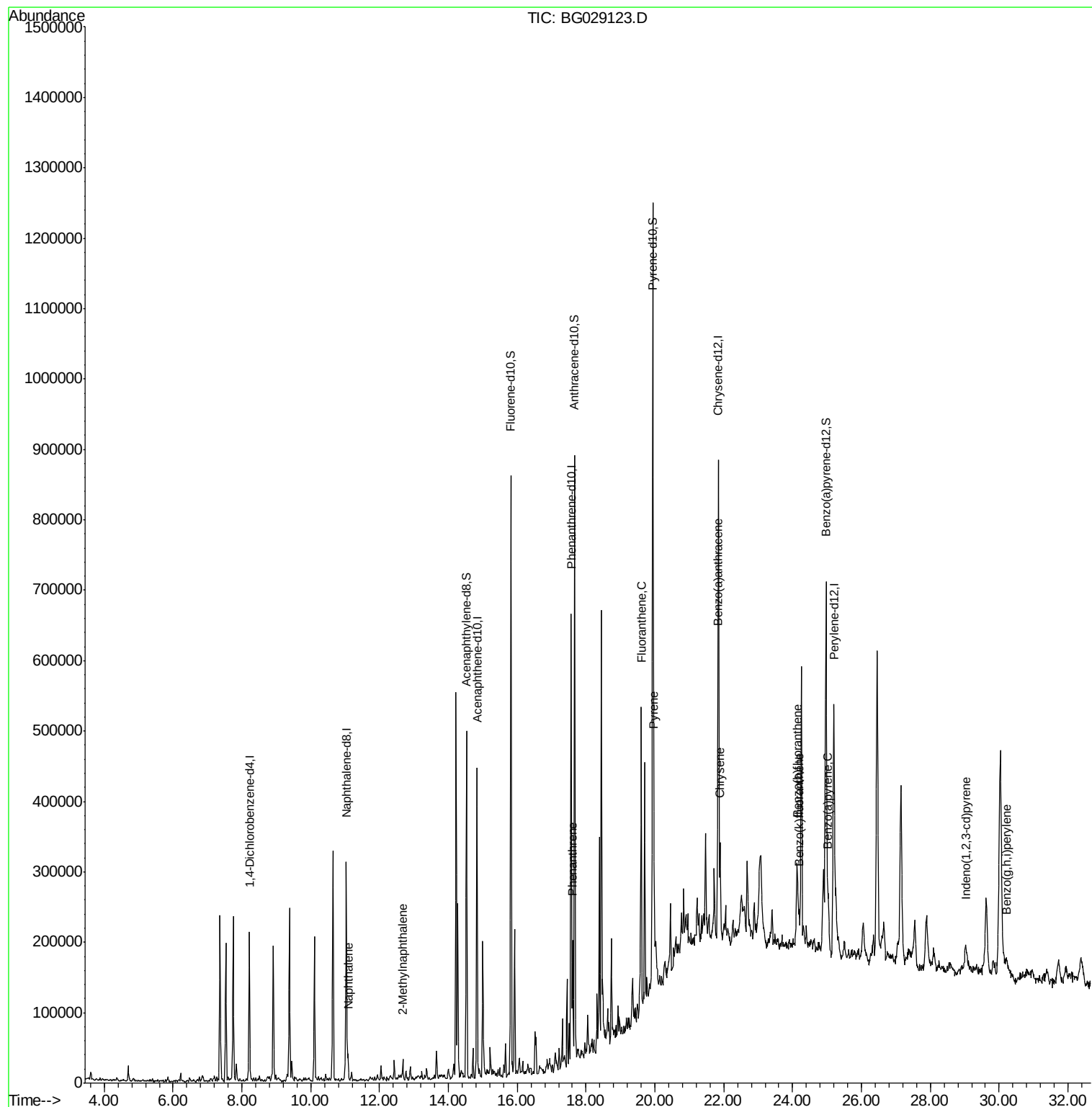
Data Path : Z:\HPCHEM1\BNA G\DATA\BG100917\
Data File : BG029123.D
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ALS Vial : 22 Sample Multiplier: 1

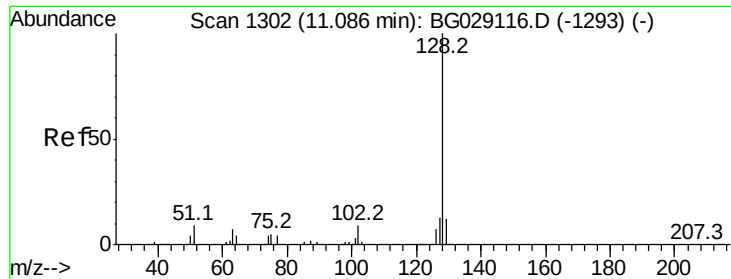
Instrument :
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Quant Time: Oct 10 06:57:14 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG100717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 10 06:24:09 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 2.072 ng/ul

RT: 11.08 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BG029123.D

Acq: 10 Oct 2017 1:18

Instrument :

BNA_G

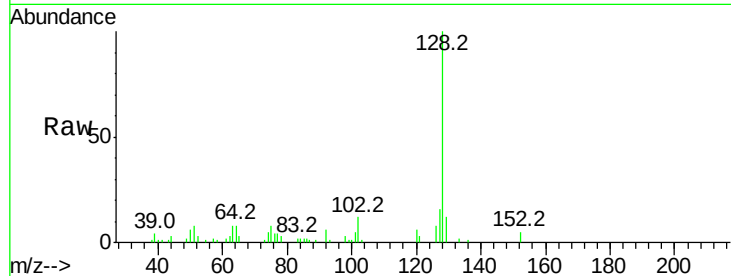
ClientSampleId :

DAEA1

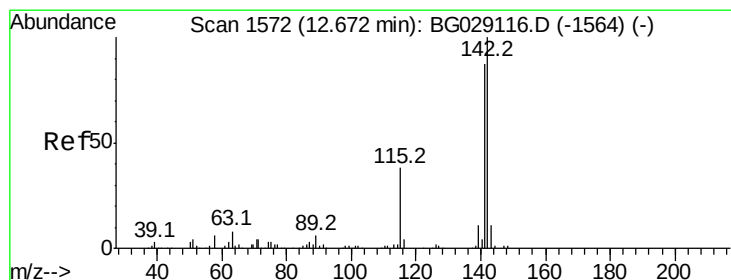
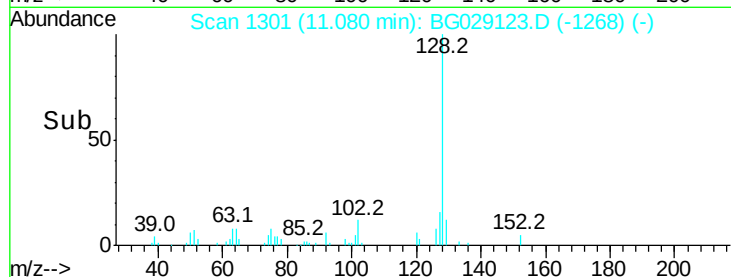
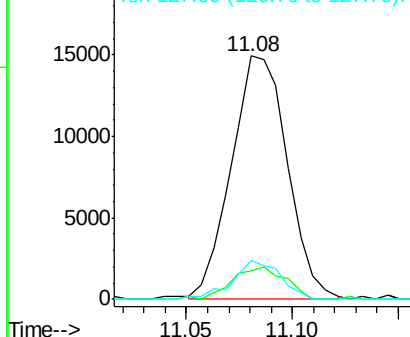
Tot Ion:	128	Resp:	27434
Ion Ratio	Lower	Upper	
128	100		
129	11.8	8.7	13.1
127	16.1	10.6	16.0#

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#4

2-Methylnaphthalene

Concen: 1.324 ng/ul

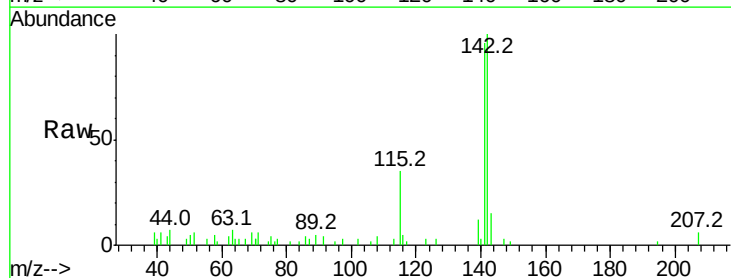
RT: 12.67 min Scan# 1572

Delta R.T. 0.00 min

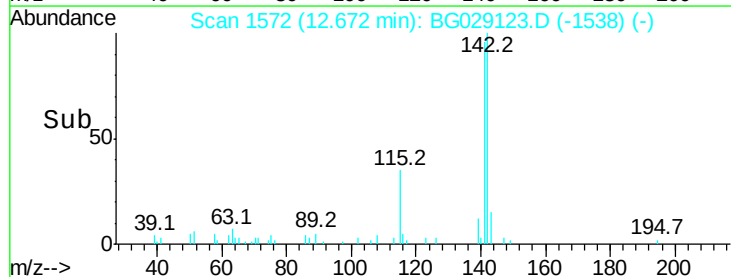
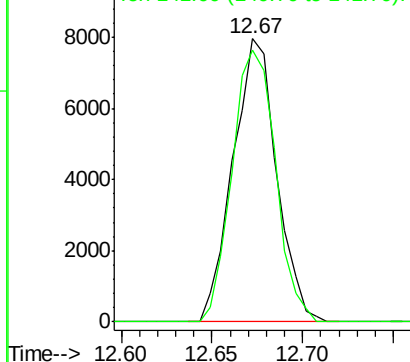
Lab File: BG029123.D

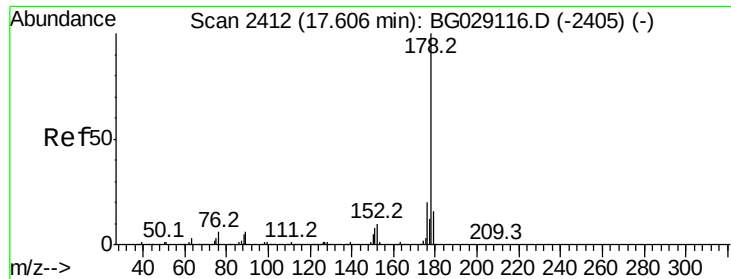
Acq: 10 Oct 2017 1:18

Tgt Ion:	142	Resp:	13305
Ion Ratio	Lower	Upper	
142	100		
141	96.1	72.7	109.1



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





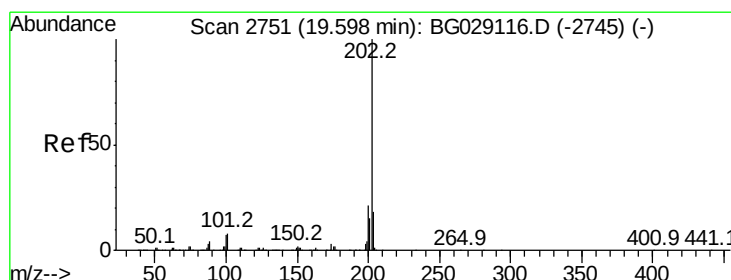
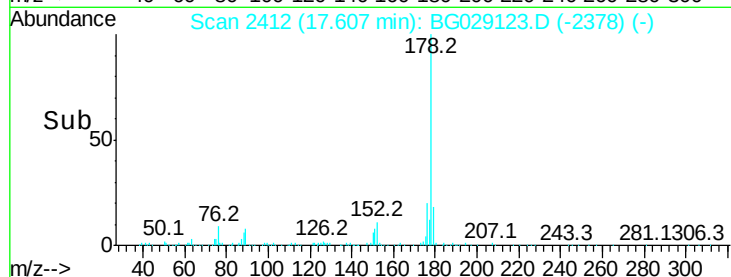
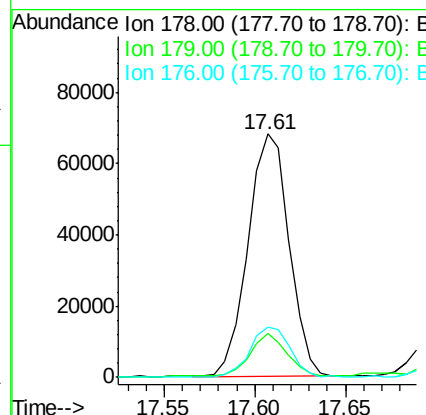
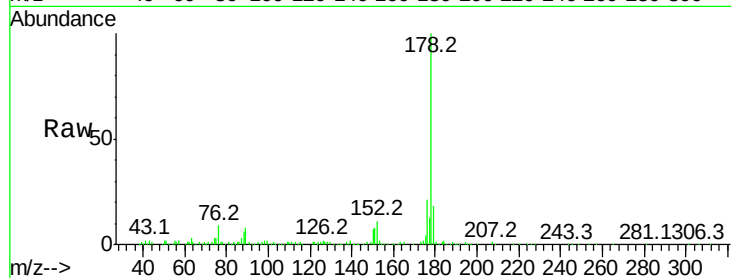
#13
Phenanthrene
Concen: 5.187 ng/ul
RT: 17.61 min Scan# 2412
Delta R.T. 0.00 min
Lab File: BG029123.D
Acq: 10 Oct 2017 1:18

Instrument :
BNA_G
ClientSampleId :
DAEA1

Tot Ion	Ratio	Lower	Upper
178	100		
179	18.3	12.3	18.5
176	20.7	15.1	22.7

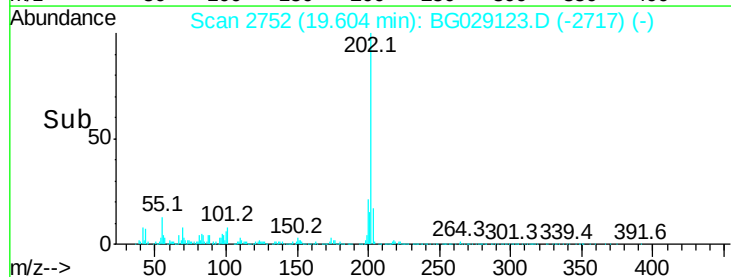
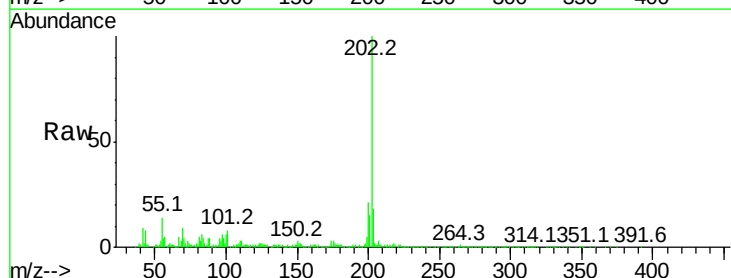
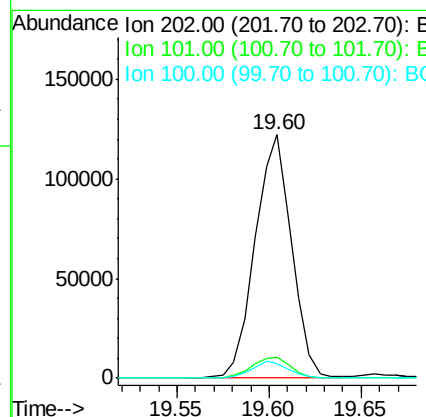
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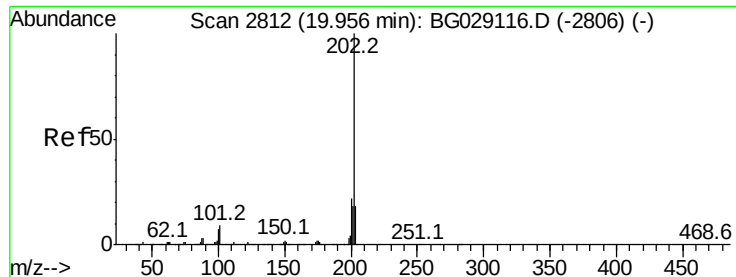
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#16
Fluoranthene
Concen: 6.963 ng/ul m
RT: 19.60 min Scan# 2752
Delta R.T. 0.01 min
Lab File: BG029123.D
Acq: 10 Oct 2017 1:18

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.5	9.9	14.9#
100	6.1	7.4	11.0#





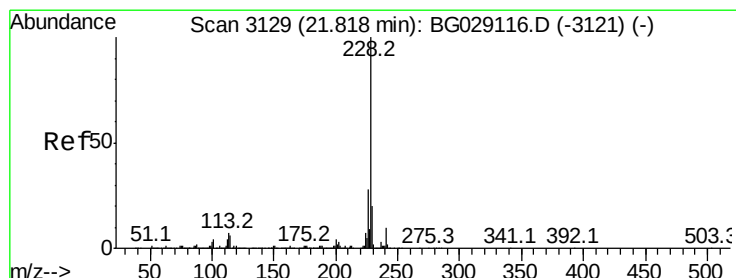
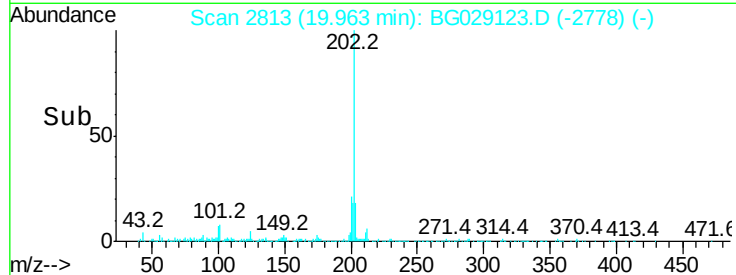
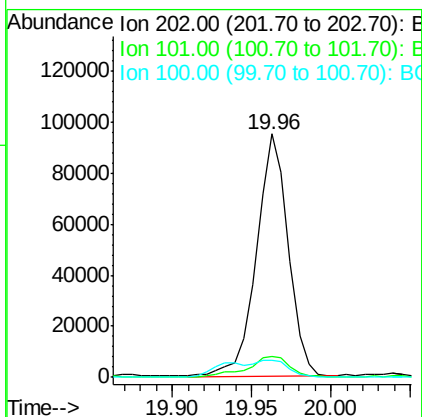
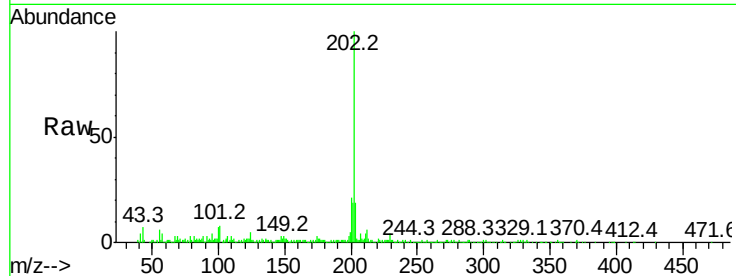
#19
 Pvrene
 Concen: 5.257 ng/ul
 RT: 19.96 min Scan# 2813
 Delta R.T. 0.01 min
 Lab File: BG029123.D
 Acq: 10 Oct 2017 1:18

Instrument :
 BNA_G
 ClientSampleId :
 DAEA1

Tot Ion:	202	Resp:	132806
Ion Ratio	Lower	Upper	
202	100		
101	8.5	11.0	16.4#
100	7.0	8.1	12.1#

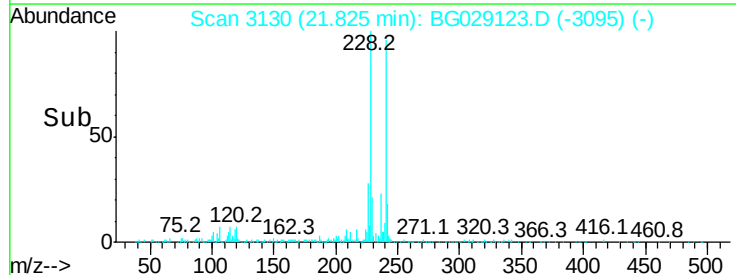
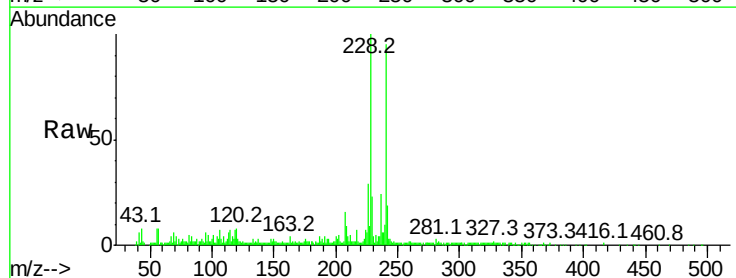
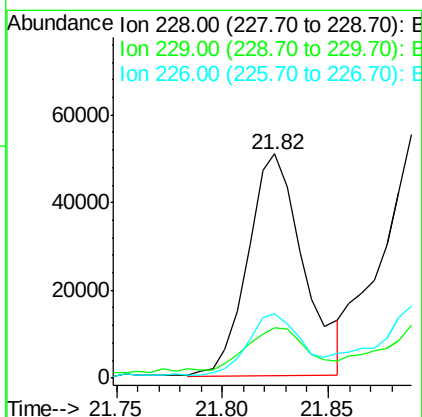
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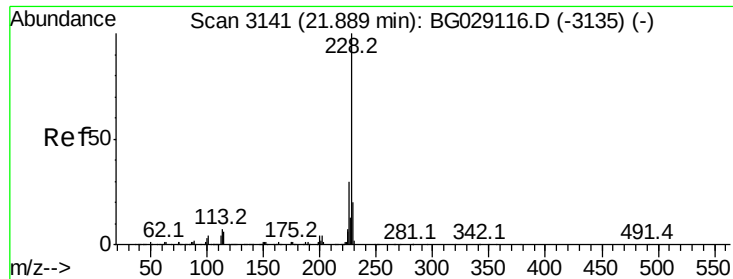
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#20
 Benzo(a)anthracene
 Concen: 3.886 ng/ul
 RT: 21.82 min Scan# 3130
 Delta R.T. 0.01 min
 Lab File: BG029123.D
 Acq: 10 Oct 2017 1:18

Tgt Ion:	228	Resp:	92759
Ion Ratio	Lower	Upper	
228	100		
229	22.7	15.7	23.5
226	28.7	21.1	31.7





#21

Chrysene

Concen: 5.011 ng/ul

RT: 21.89 min Scan# 3141

Delta R.T. 0.00 min

Lab File: BG029123.D

Acq: 10 Oct 2017 1:18

Instrument :

BNA_G

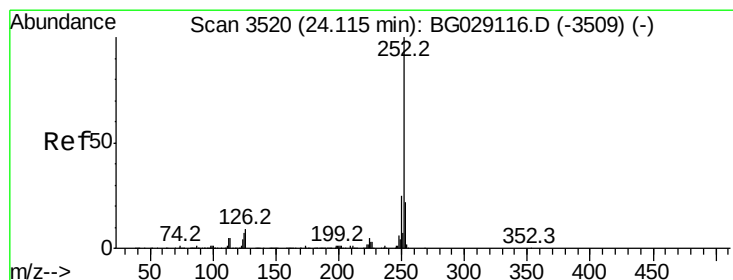
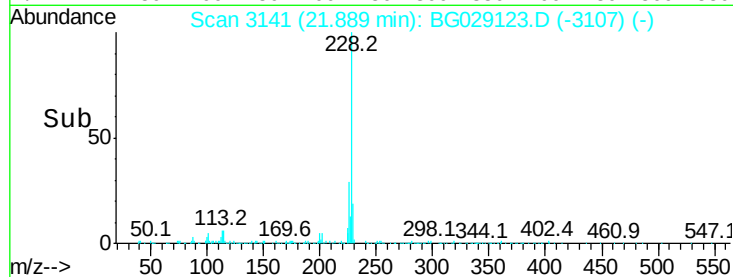
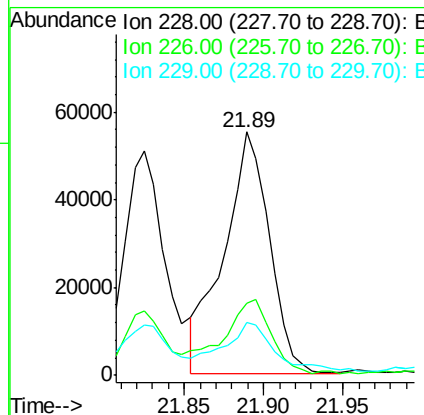
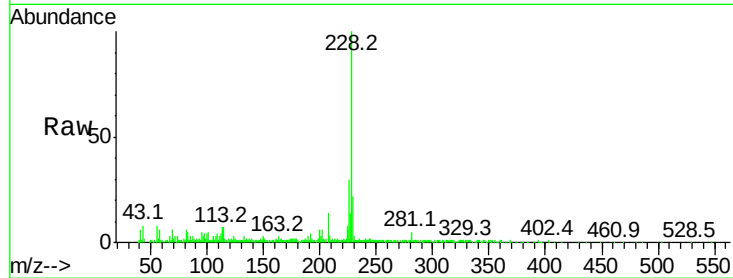
ClientSampled :

DAEA1

Tot Ion:	228	Resp:	109508
Ion Ratio		Lower	Upper
228	100		
226	29.6	24.5	36.7
229	21.9	15.8	23.8

Manual Integrations
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#23

Benzo(b)fluoranthene

Concen: 6.676 ng/ul

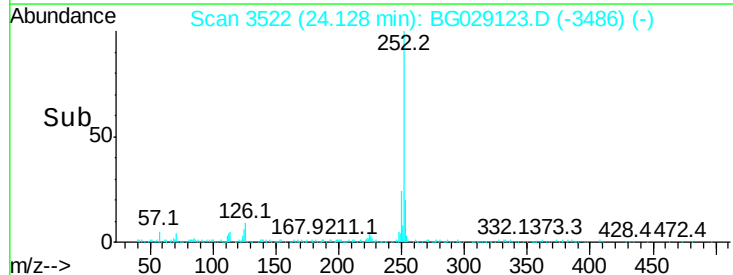
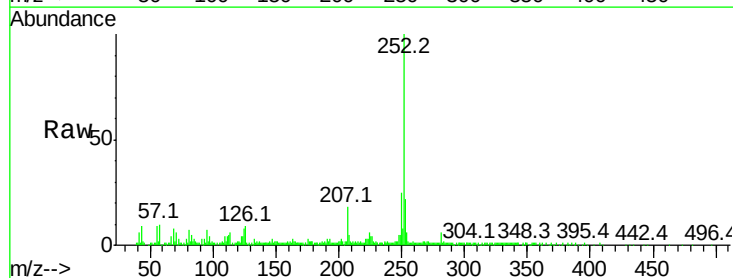
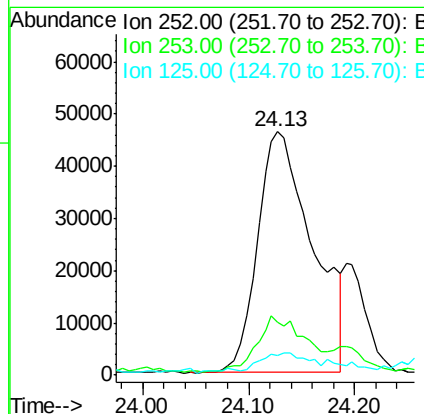
RT: 24.13 min Scan# 3522

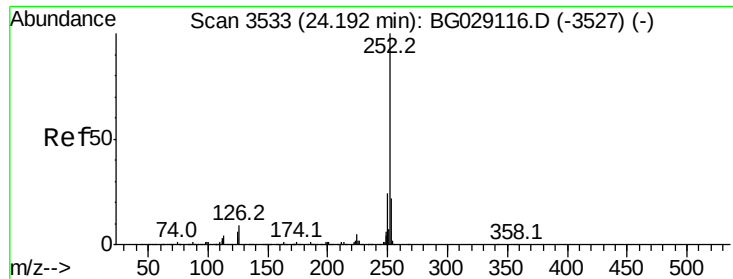
Delta R.T. 0.01 min

Lab File: BG029123.D

Acq: 10 Oct 2017 1:18

Tgt Ion:	252	Resp:	166606
Ion Ratio		Lower	Upper
252	100		
253	21.9	18.0	27.0
125	8.0	8.0	12.0#





#24

Benzo(k)fluoranthene

Concen: 1.847 ng/ul m

RT: 24.19 min Scan# 3533

Delta R.T. 0.00 min

Lab File: BG029123.D

Acq: 10 Oct 2017 1:18

Instrument :

BNA_G

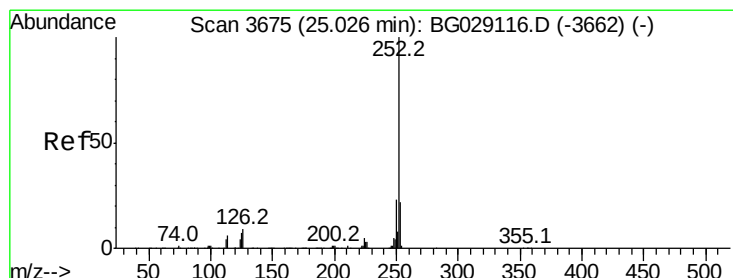
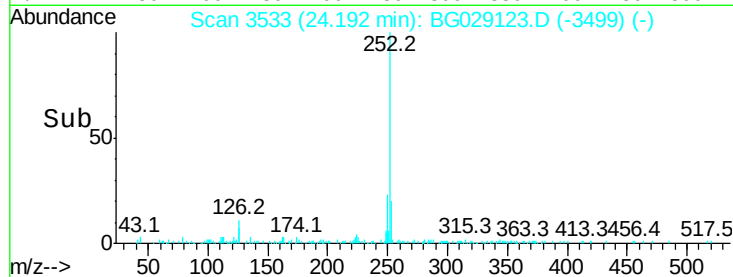
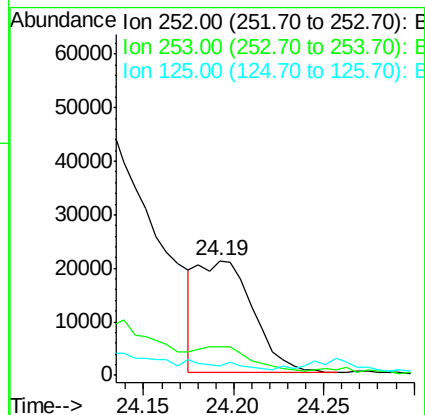
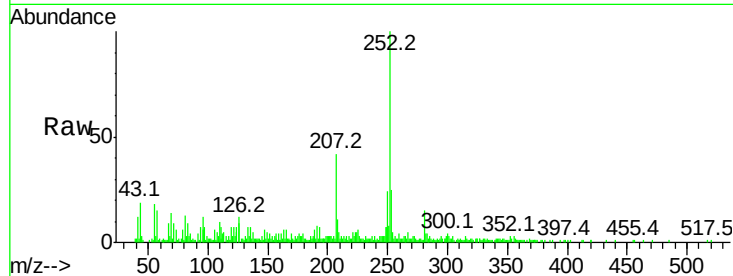
ClientSampled :

DAEA1

Tot Ion:	252	Resp:	44987
Ion Ratio	Lower	Upper	
252	100		
253	25.0	18.0	27.0
125	8.7	8.1	12.1

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#26

Benzo(a)pyrene

Concen: 3.725 ng/ul m

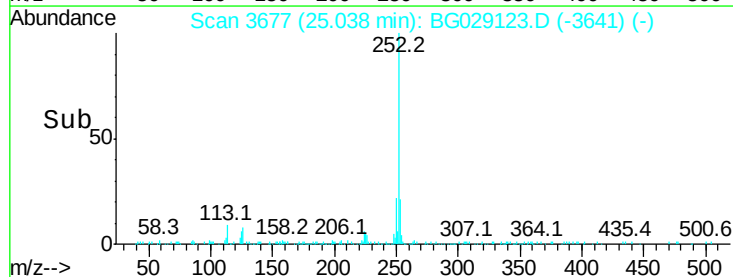
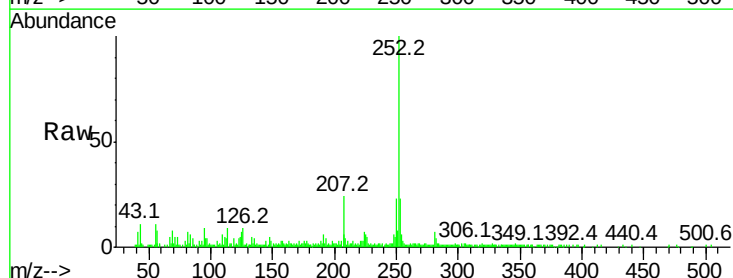
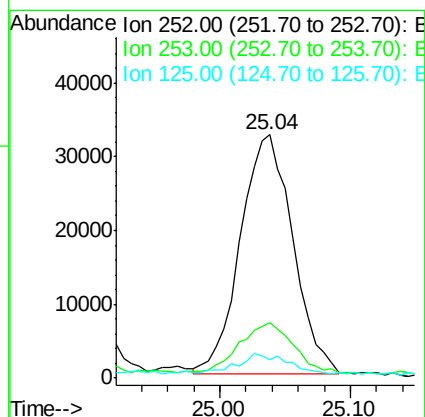
RT: 25.04 min Scan# 3677

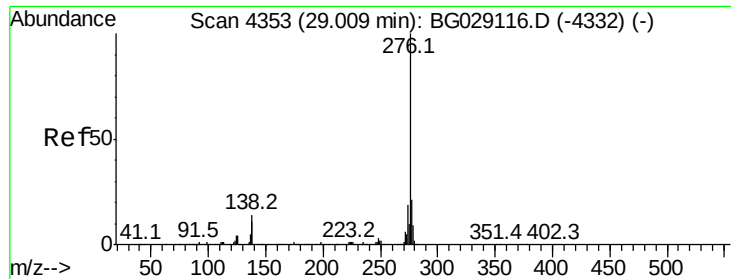
Delta R.T. 0.01 min

Lab File: BG029123.D

Acq: 10 Oct 2017 1:18

Tgt Ion:	252	Resp:	90294
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.2	25.8
125	7.3	8.2	12.4#





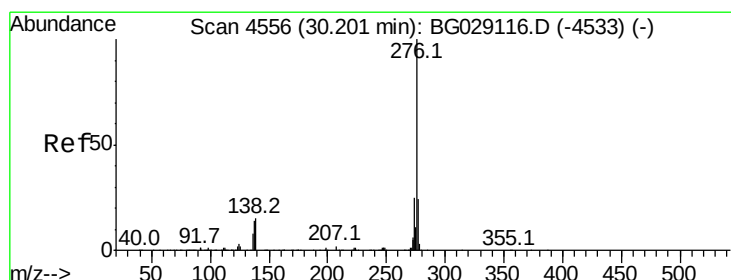
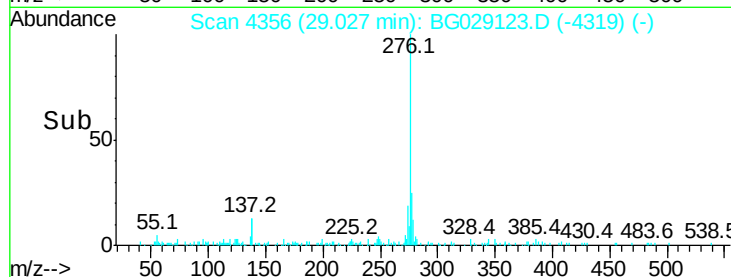
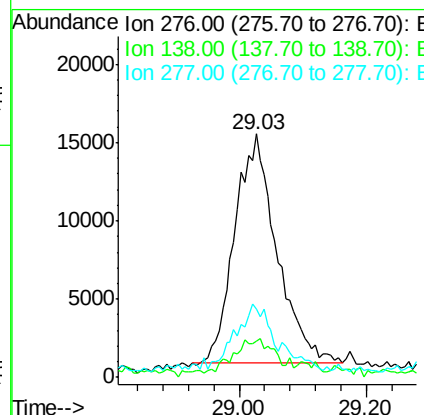
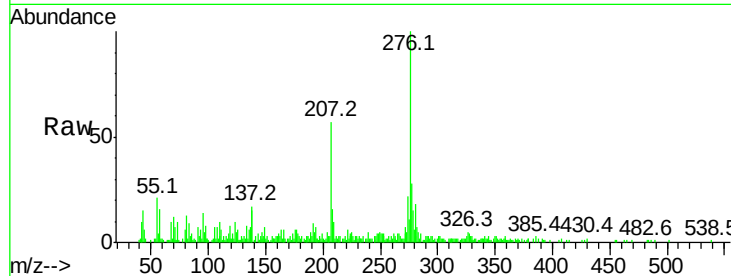
#27
Indeno(1,2,3-cd)pyrene
Concen: 2.448 ng/ul
RT: 29.03 min Scan# 4356
Delta R.T. 0.02 min
Lab File: BG029123.D
Acq: 10 Oct 2017 1:18

Instrument :
BNA_G
ClientSampleId :
DAEA1

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.1	14.4	21.6
277	27.8	18.0	27.0

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#29
Benzo(g,h,i)perylene
Concen: 2.669 ng/ul
RT: 30.23 min Scan# 4561
Delta R.T. 0.03 min
Lab File: BG029123.D
Acq: 10 Oct 2017 1:18

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.8	15.3	22.9
277	26.0	19.0	28.4

