

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101017\
 Data File : BG029135.D
 Acq On : 10 Oct 2017 11:07
 Operator : SJ/JU
 Sample : I5577-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DAH76

Manual Integrations
 APPROVED

Sohil
 10/11/2017 3:34:12 PM

Quant Time: Oct 11 04:31:29 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	47100	20.00	ng/ul	0.00
2) Naphthalene-d8	11.03	136	205067	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.83	164	136588	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.56	188	321996	20.00	ng/ul	0.00
17) Chrysene-d12	21.84	240	337336	20.00	ng/ul	0.00
22) Perylene-d12	25.20	264	344852	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.52	160	292212	20.57	ng/ul	0.00
10) Fluorene-d10	15.81	176	228574	22.19	ng/ul	0.00
14) Anthracene-d10	17.66	188	339701	21.78	ng/ul	0.00
18) Pyrene-d10	19.93	212	387819	22.47	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.97	264	350220	21.20	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.08	128	12794	1.198	ng/ul	96
4) 2-Methylnaphthalene	12.67	142	11281	1.392	ng/ul	99
13) Phenanthrene	17.61	178	80858	4.708	ng/ul	97
16) Fluoranthene	19.60	202	150685	7.484	ng/ul#	91
19) Pyrene	19.96	202	122295	5.816	ng/ul#	89
20) Benzo(a)anthracene	21.82	228	80476	4.051	ng/ul	95
21) Chrysene	21.89	228	86486m	4.754	ng/ul	
23) Benzo(b)fluoranthene	24.13	252	125610	6.089	ng/ul#	97
24) Benzo(k)fluoranthene	24.19	252	35134m	1.745	ng/ul	
26) Benzo(a)pyrene	25.03	252	67415	3.364	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	29.03	276	47884	2.106	ng/ul#	93
29) Benzo(g,h,i)perylene	30.22	276	42984m	2.292	ng/ul	

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

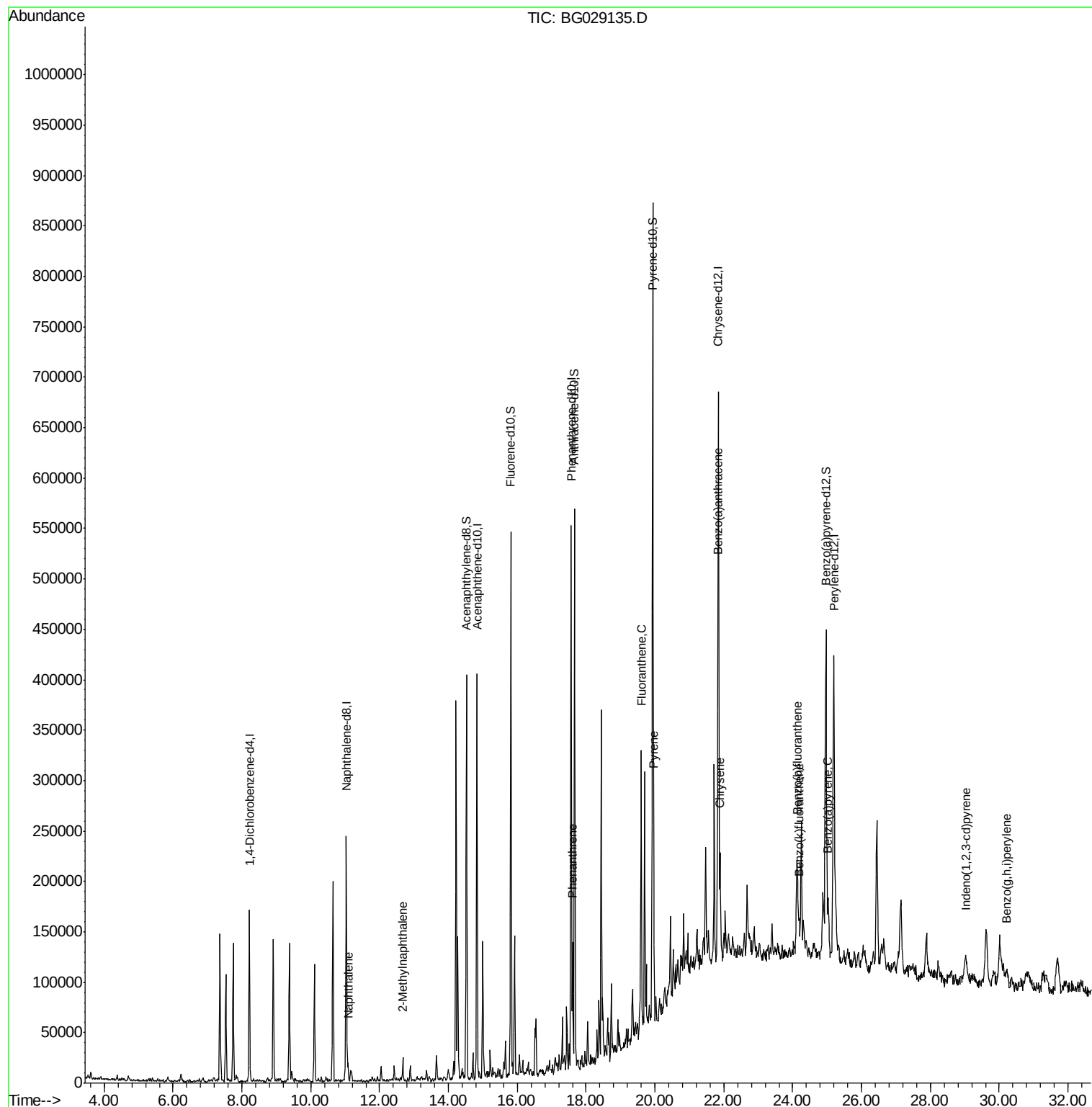
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101017\
Data File : BG029135.D
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ALS Vial : 3 Sample Multiplier: 1

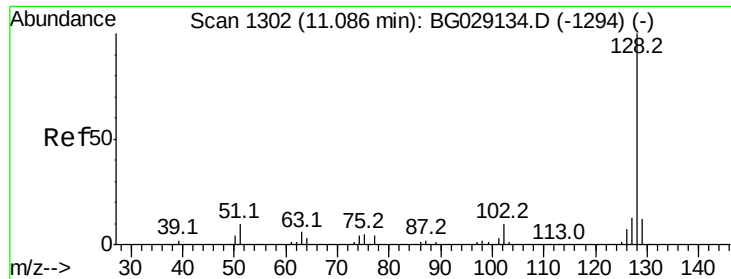
Instrument :
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Quant Time: Oct 11 04:31:29 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG100717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 11 04:15:46 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 1.198 ng/ul

RT: 11.08 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BG029135.D

Acq: 10 Oct 2017 11:07

Instrument :

BNA_G

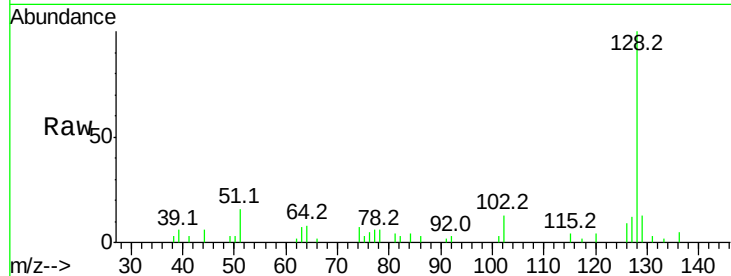
ClientSampled :

DAH76

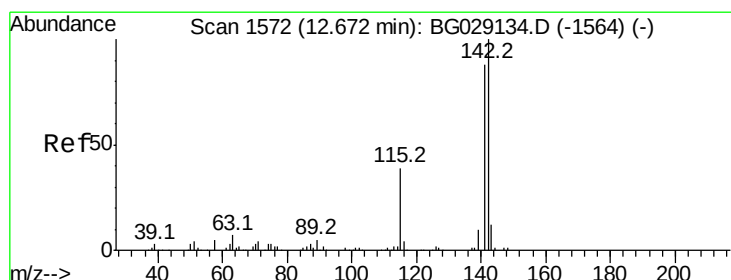
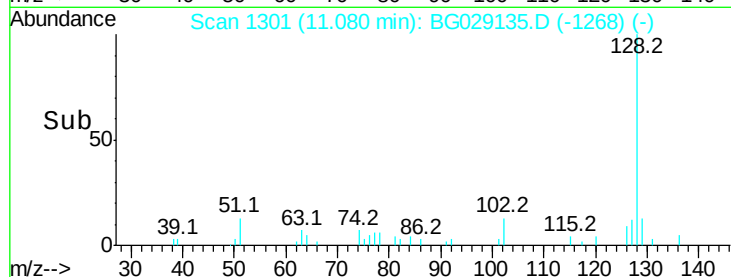
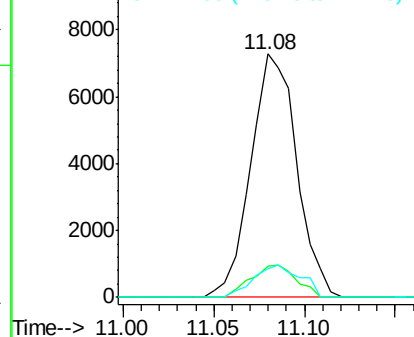
Tot Ion:	128	Resp:	12794
Ion	Ratio	Lower	Upper
128	100		
129	12.6	8.7	13.1
127	11.8	10.6	16.0

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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: 1.392 ng/ul

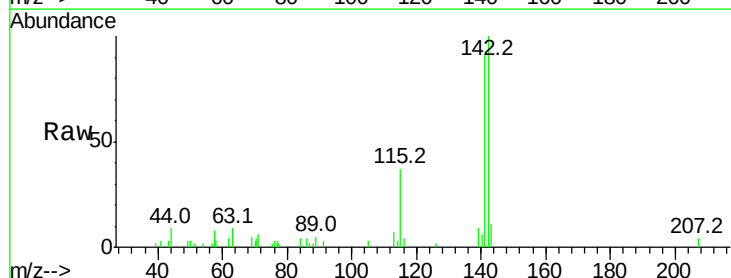
RT: 12.67 min Scan# 1572

Delta R.T. -0.00 min

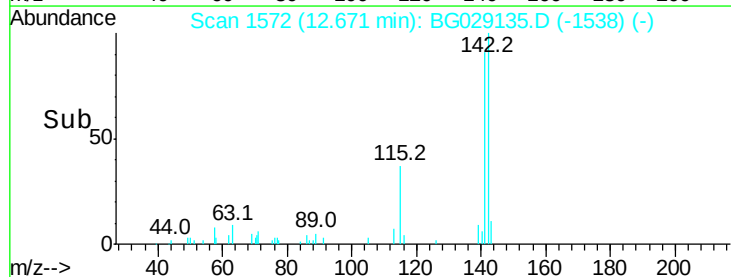
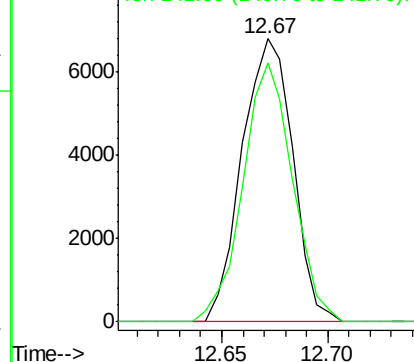
Lab File: BG029135.D

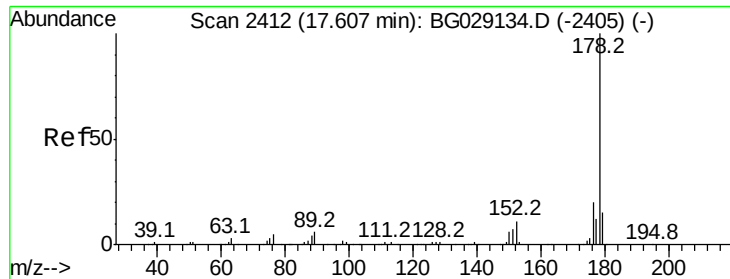
Acq: 10 Oct 2017 11:07

Tgt Ion:	142	Resp:	11281
Ion	Ratio	Lower	Upper
142	100		
141	91.4	72.7	109.1



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





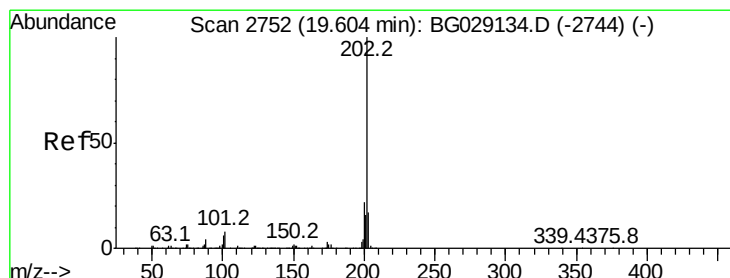
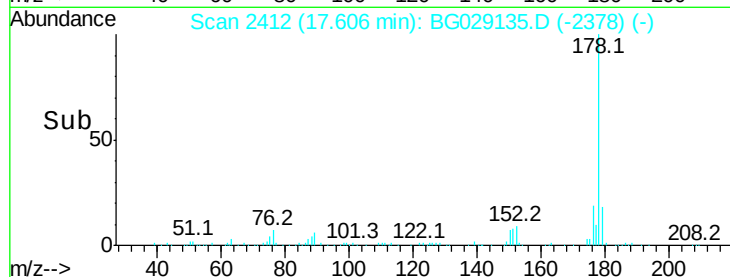
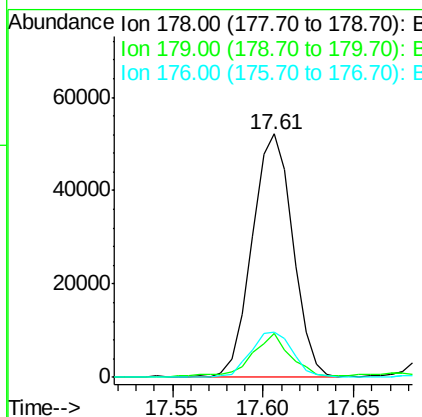
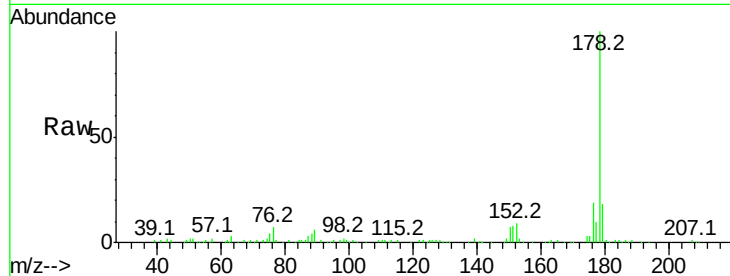
#13
Phenanthrene
Concen: 4.708 ng/ul
RT: 17.61 min Scan# 2412
Delta R.T. -0.00 min
Lab File: BG029135.D
Acq: 10 Oct 2017 11:07

Instrument :
BNA_G
ClientSampleId :
DAH76

Tot Ion	Ratio	Lower	Upper
178	100		
179	17.8	12.3	18.5
176	18.8	15.1	22.7

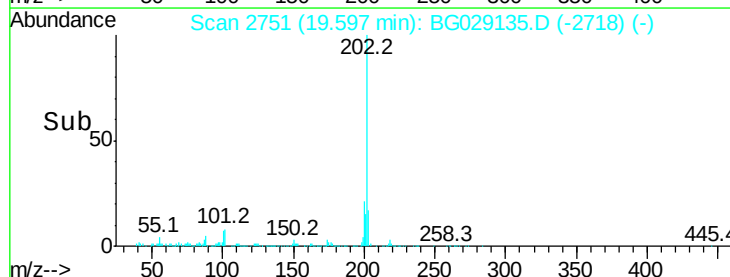
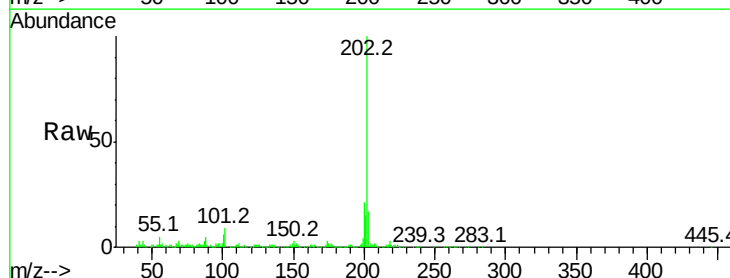
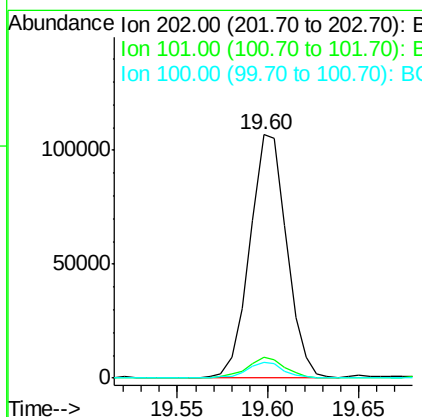
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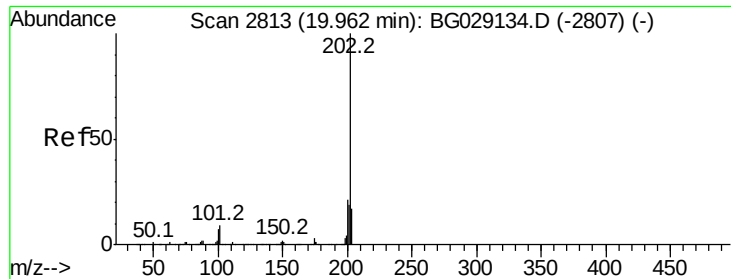
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#16
Fluoranthene
Concen: 7.484 ng/ul
RT: 19.60 min Scan# 2751
Delta R.T. -0.01 min
Lab File: BG029135.D
Acq: 10 Oct 2017 11:07

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.5	9.9	14.9#
100	6.5	7.4	11.0#





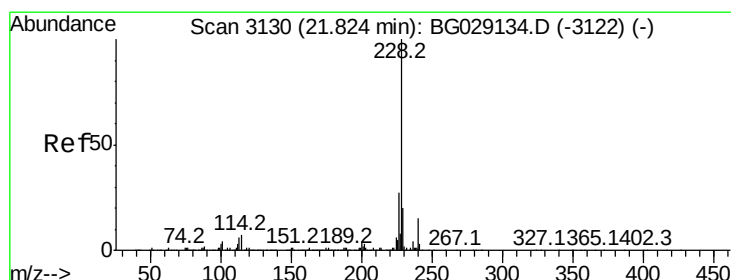
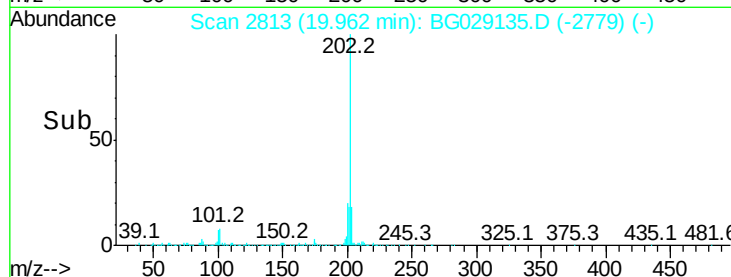
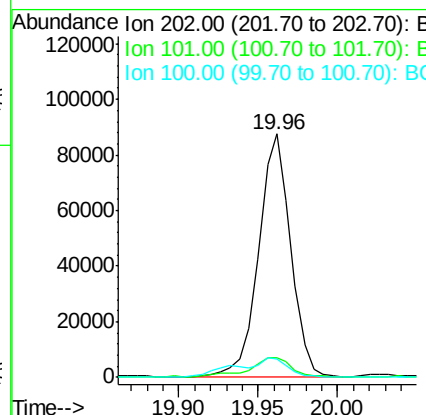
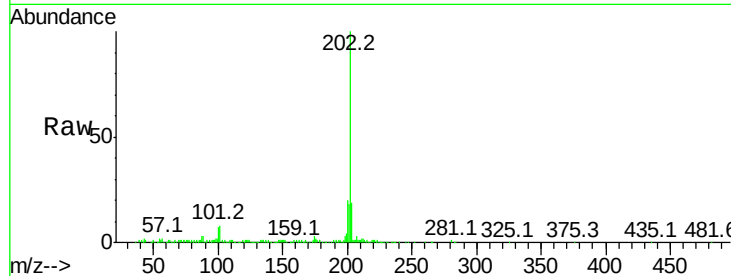
#19
Pvrene
Concen: 5.816 ng/ul
RT: 19.96 min Scan# 2813
Delta R.T. -0.00 min
Lab File: BG029135.D
Acq: 10 Oct 2017 11:07

Instrument :
BNA_G
ClientSampled :
DAH76

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.2	11.0	16.4#
100	7.4	8.1	12.1#

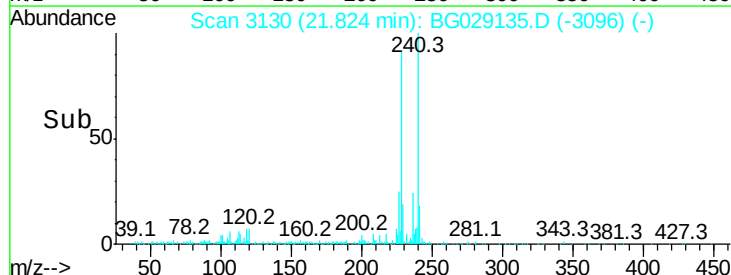
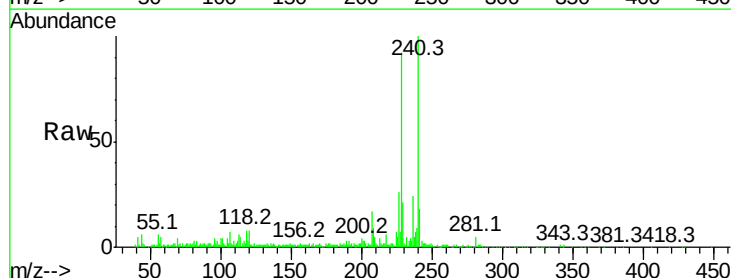
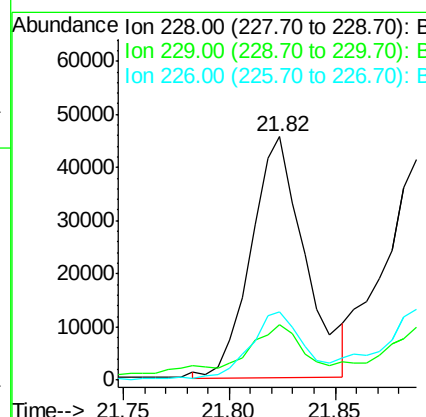
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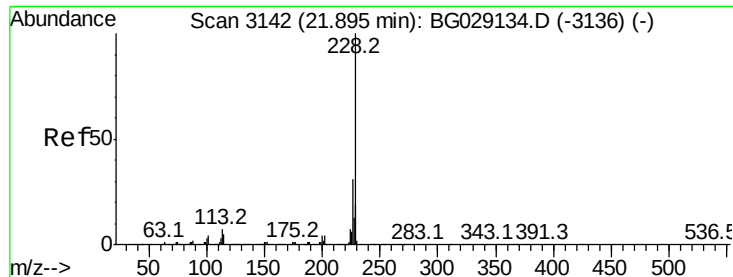
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#20
Benzo(a)anthracene
Concen: 4.051 ng/ul
RT: 21.82 min Scan# 3130
Delta R.T. -0.00 min
Lab File: BG029135.D
Acq: 10 Oct 2017 11:07

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	22.5	15.7	23.5
226	28.2	21.1	31.7





#21

Chrysene

Concen: 4.754 ng/ul m

RT: 21.89 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BG029135.D

Acq: 10 Oct 2017 11:07

Instrument :

BNA_G

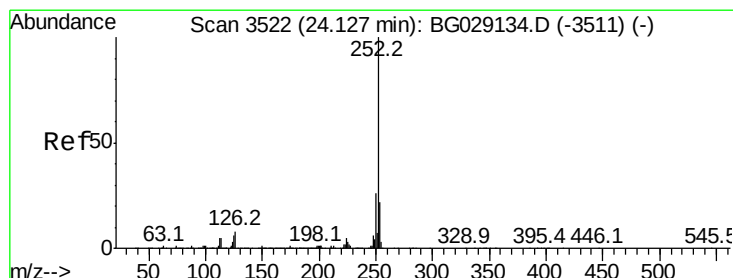
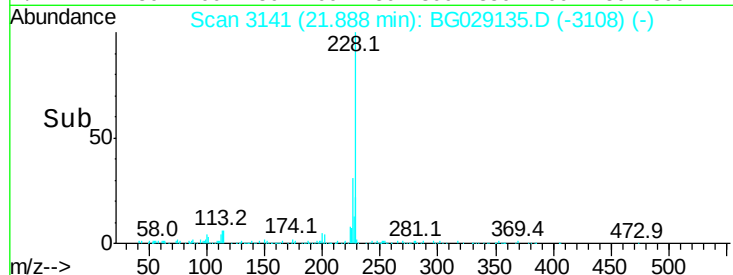
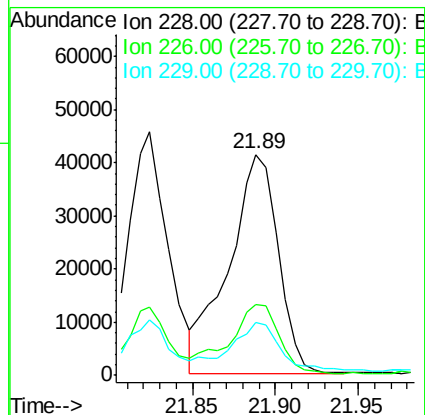
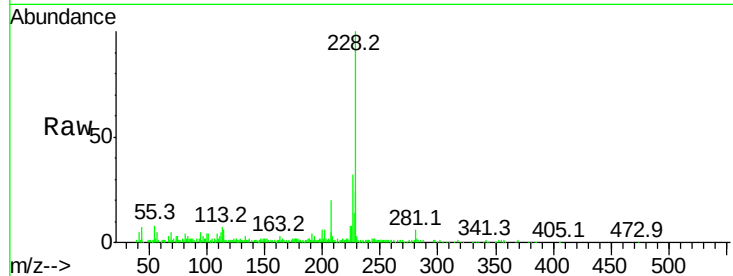
ClientSampleId :

DAH76

Tot Ion:	228	Resp:	86486
Ion Ratio	Lower	Upper	
228	100		
226	31.9	24.5	36.7
229	24.2	15.8	23.8#

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#23

Benzo(b)fluoranthene

Concen: 6.089 ng/ul

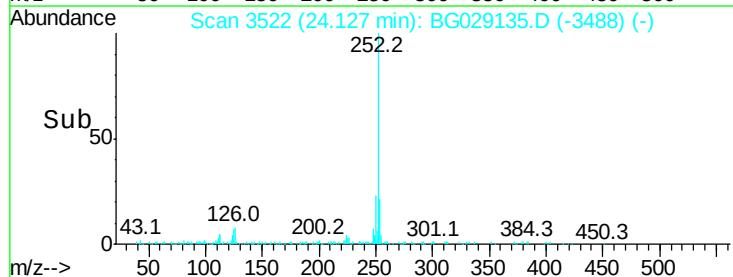
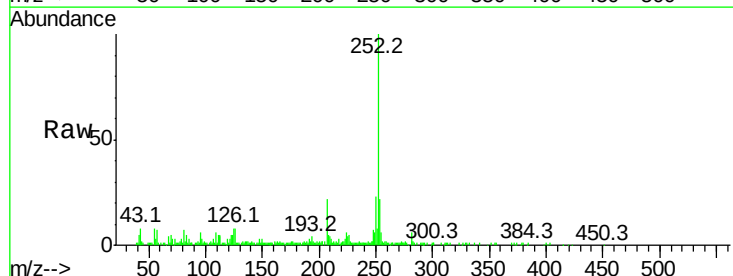
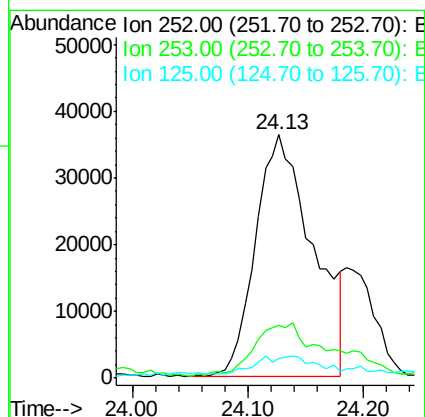
RT: 24.13 min Scan# 3522

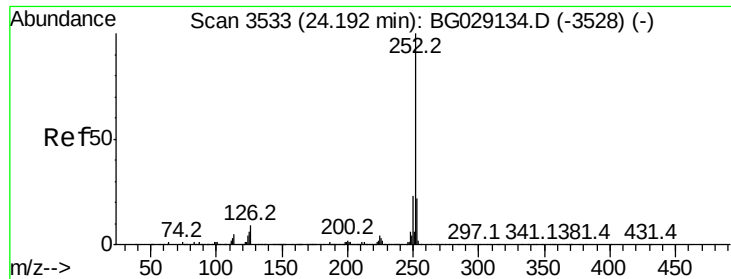
Delta R.T. -0.00 min

Lab File: BG029135.D

Acq: 10 Oct 2017 11:07

Tgt Ion:	252	Resp:	125610
Ion Ratio	Lower	Upper	
252	100		
253	21.9	18.0	27.0
125	7.9	8.0	12.0#





#24

Benzo(k)fluoranthene

Concen: 1.745 ng/ul

RT: 24.19 min Scan# 3532

Delta R.T. -0.01 min

Lab File: BG029135.D

Acq: 10 Oct 2017 11:07

Instrument :

BNA_G

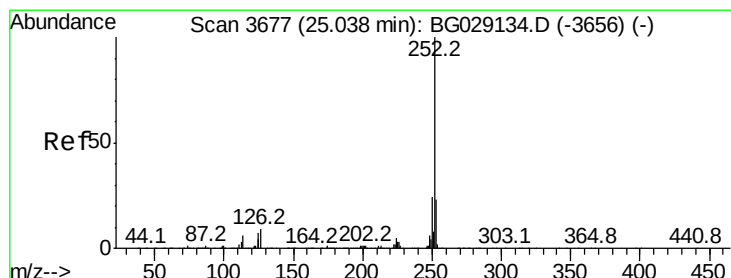
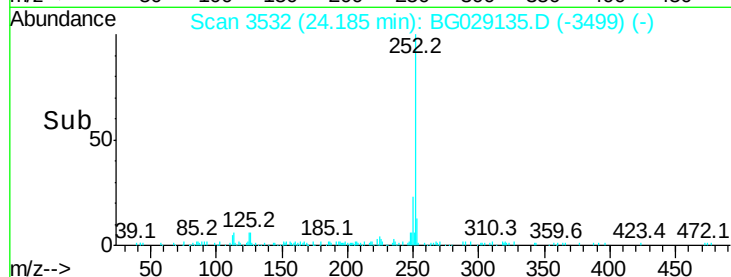
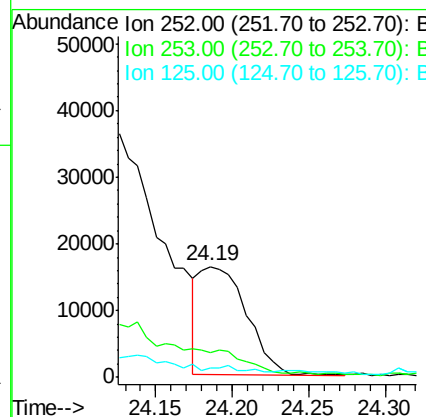
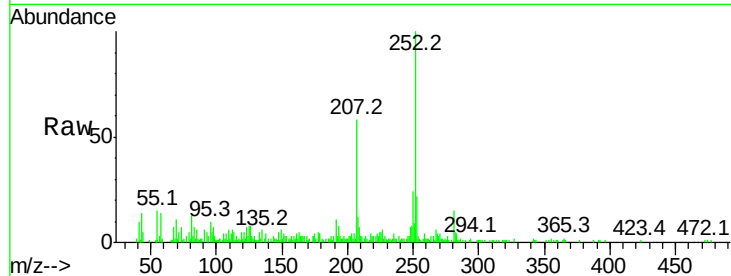
ClientSampled :

DAH76

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.0	27.0
125	7.9	8.1	12.1#

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#26

Benzo(a)pyrene

Concen: 3.364 ng/ul

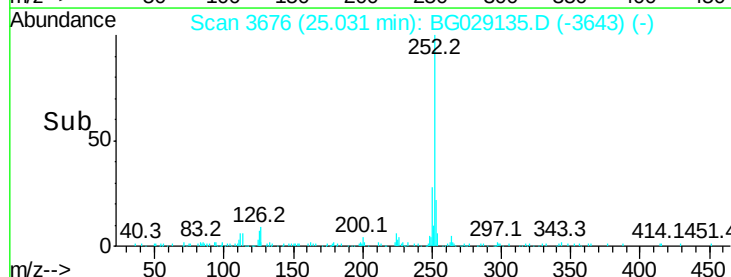
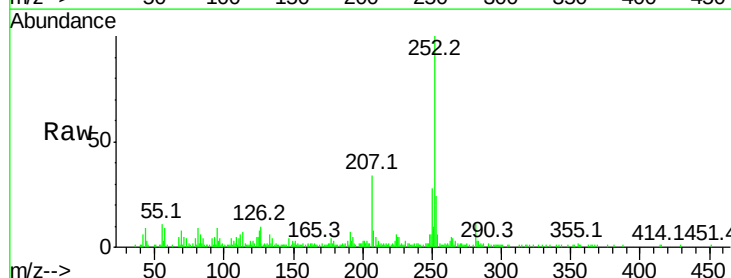
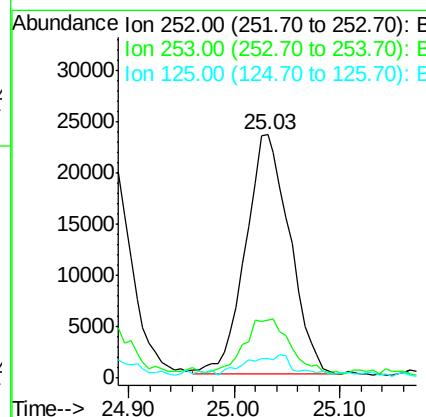
RT: 25.03 min Scan# 3676

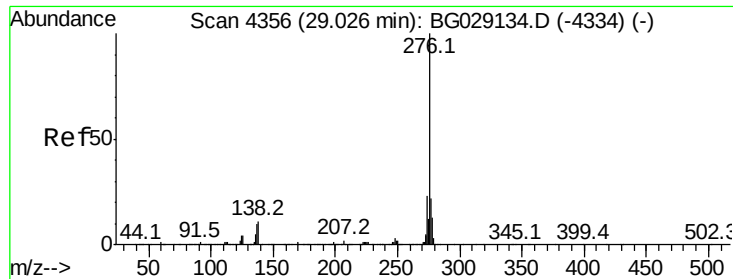
Delta R.T. -0.01 min

Lab File: BG029135.D

Acq: 10 Oct 2017 11:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.2	25.8
125	7.8	8.2	12.4#





#27

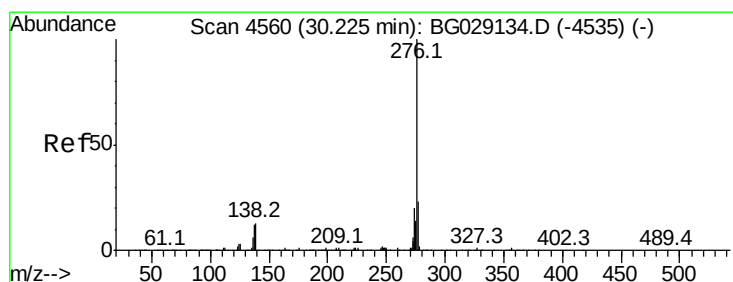
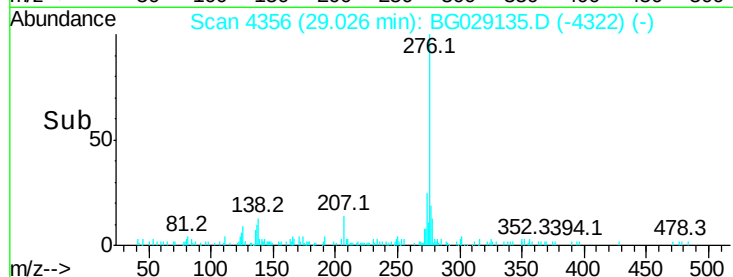
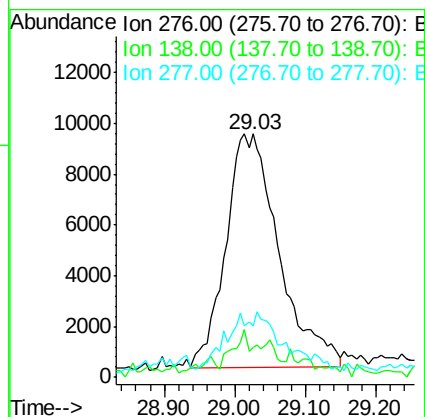
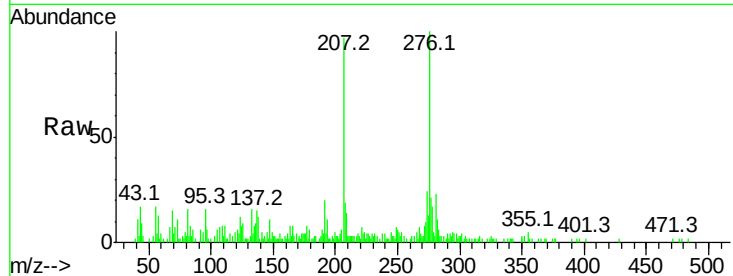
Indeno(1,2,3-cd)pyrene
Concen: 2.106 ng/ul
RT: 29.03 min Scan# 4356
Delta R.T. -0.00 min
Lab File: BG029135.D
Acq: 10 Oct 2017 11:07

Instrument :
BNA_G
ClientSampleId :
DAH76

Tot Ion	Ratio	Lower	Upper
276	100		
138	12.4	14.4	21.6#
277	21.4	18.0	27.0

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#29

Benzo(g,h,i)perylene
Concen: 2.292 ng/ul m
RT: 30.22 min Scan# 4560
Delta R.T. -0.00 min
Lab File: BG029135.D
Acq: 10 Oct 2017 11:07

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.1	15.3	22.9#
277	24.8	19.0	28.4

