

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111717\
 Data File : BG031112.D
 Acq On : 18 Nov 2017 10:13
 Operator : SJ/JU
 Sample : I6431-11
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0FQ6

Manual Integrations
 APPROVED

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 11/20/2017 4:46:11 PM

Quant Time: Nov 20 02:06:51 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG111617-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 20 01:33:00 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	47193	20.00	ng/ul	0.00
2) Naphthalene-d8	10.95	136	220035	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.76	164	159189	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.50	188	399437	20.00	ng/ul	0.00
18) Chrysene-d12	21.78	240	432128	20.00	ng/ul	0.00
23) Perylene-d12	25.08	264	429265	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.58	165	71912	17.32	ng/uL	0.00
7) Acenaphthylene-d8	14.45	160	323833	19.56	ng/ul	0.00
10) Fluorene-d10	15.75	176	249225	18.74	ng/ul	0.00
15) Anthracene-d10	17.60	188	396249	19.82	ng/ul	0.00
19) Pyrene-d10	19.87	212	463658	23.49	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.85	264	432162	20.35	ng/ul	0.00
Target Compounds						
14) Phenanthrene	17.54	178	54222	2.529	ng/ul	97
17) Fluoranthene	19.54	202	196014	6.571	ng/ul#	88
20) Pyrene	19.90	202	165698	7.225	ng/ul#	84
21) Benzo(a)anthracene	21.75	228	104494	3.969	ng/ul	96
22) Chrysene	21.82	228	122002	4.872	ng/ul	98
24) Benzo(b)fluoranthene	24.02	252	161807	6.239	ng/ul#	95
25) Benzo(k)fluoranthene	24.09	252	64217m	2.513	ng/ul	
27) Benzo(a)pyrene	24.92	252	103208m	4.152	ng/ul	
28) Indeno(1,2,3-cd)pyrene	28.86	276	71243	2.514	ng/ul#	92
30) Benzo(g,h,i)perylene	30.05	276	58817	2.493	ng/ul#	93

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

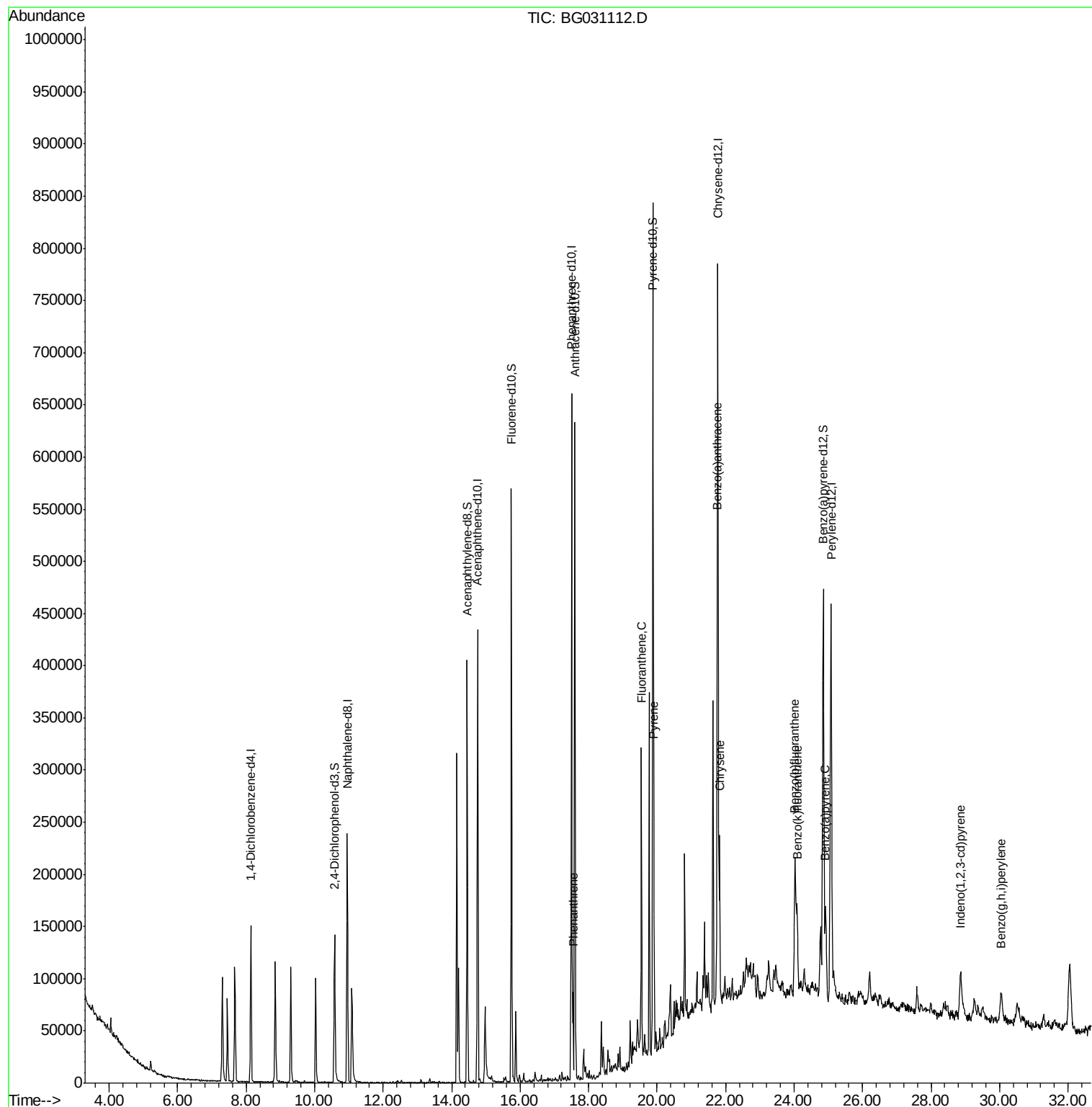
Data Path : Z:\HPCHEM1\BNA G\DATA\BG111717\
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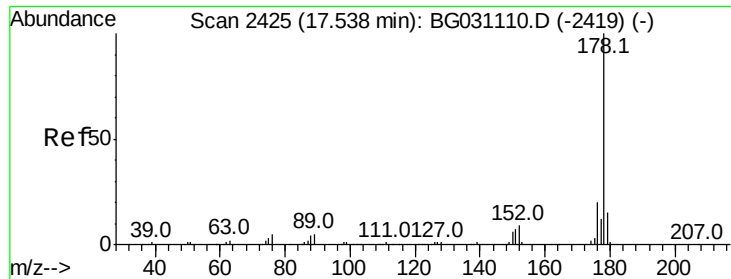
Instrument :
BNA_G
ClientSampled :
B0FQ6

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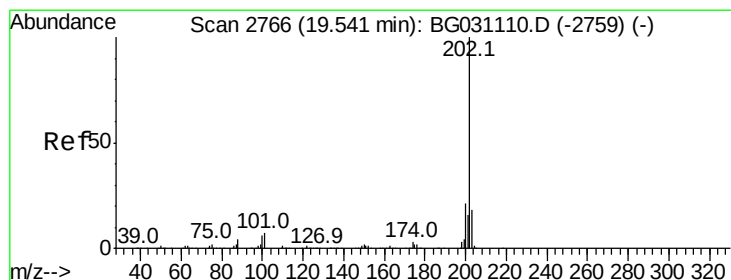
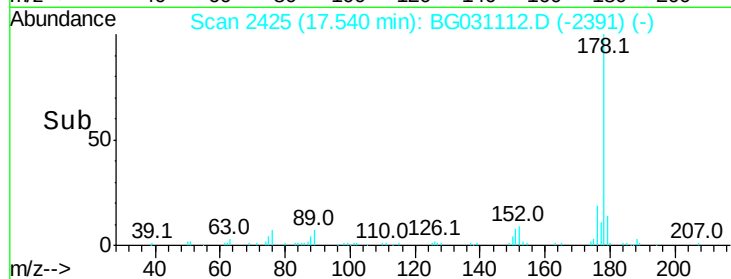
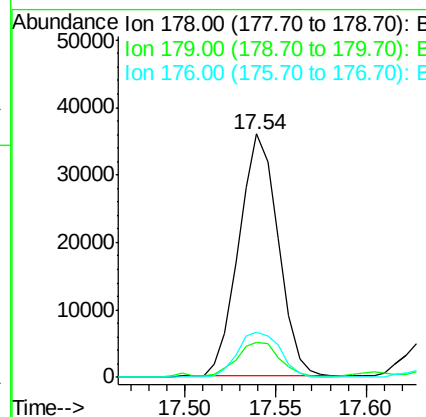
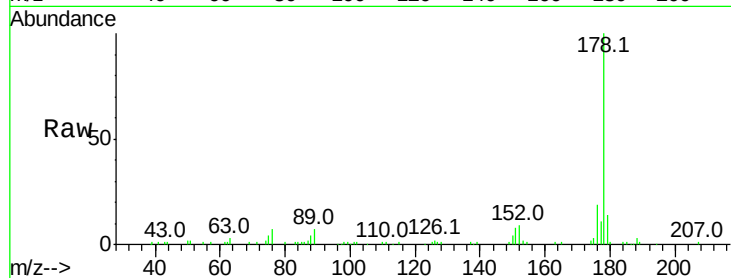
#14
Phenanthrene
Concen: 2.529 ng/ul
RT: 17.54 min Scan# 2425
Delta R.T. 0.00 min
Lab File: BG031112.D
Acq: 18 Nov 2017 10:13

Instrument :
BNA_G
ClientSampled :
B0FQ6

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.4	12.2	18.4
176	18.6	16.4	24.6

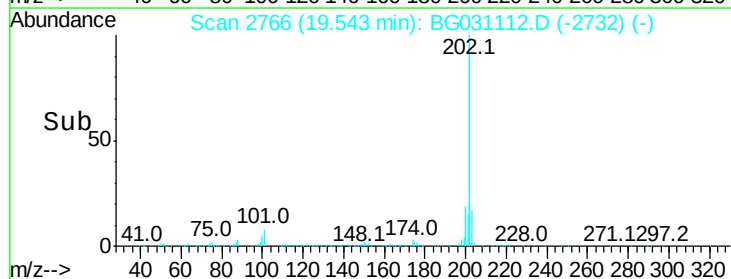
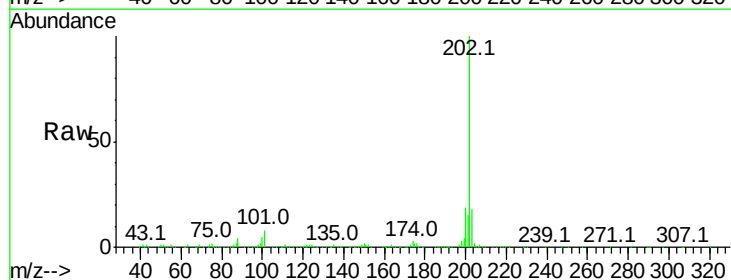
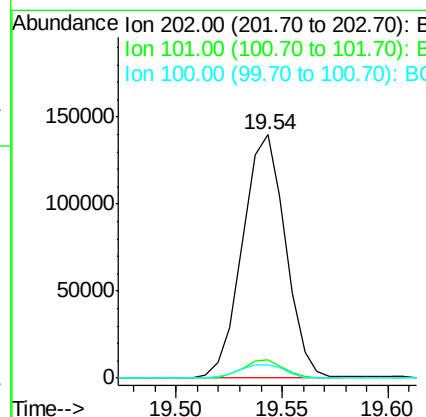
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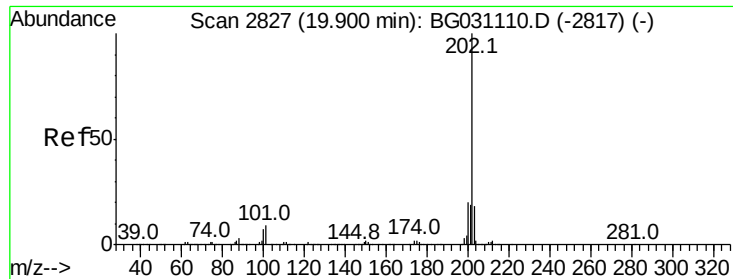
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#17
Fluoranthene
Concen: 6.571 ng/ul
RT: 19.54 min Scan# 2766
Delta R.T. 0.00 min
Lab File: BG031112.D
Acq: 18 Nov 2017 10:13

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.5	9.8	14.8#
100	5.3	7.5	11.3#





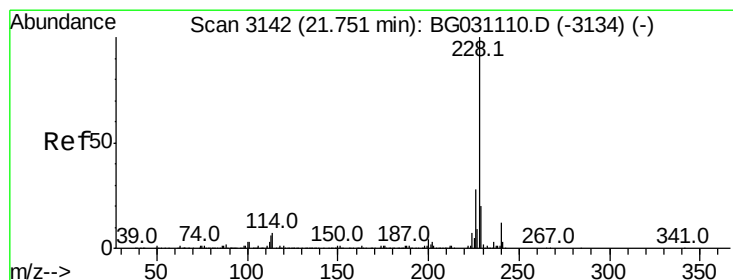
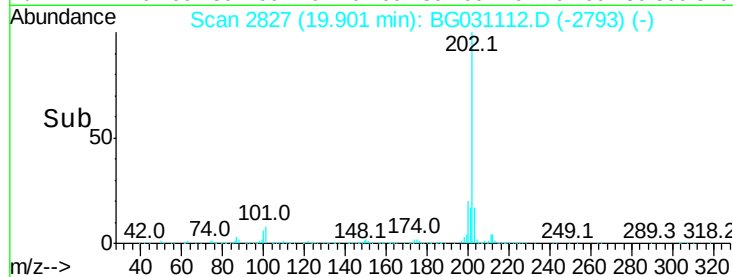
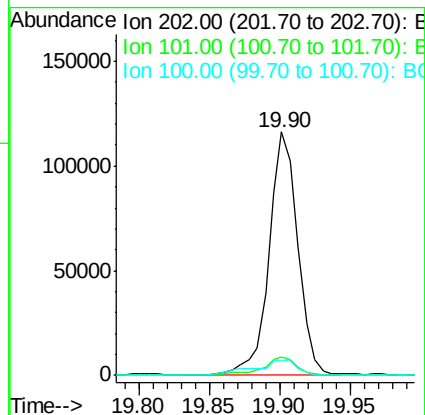
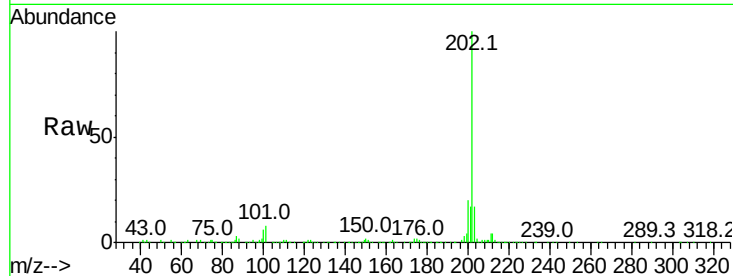
#20
Pvrene
Concen: 7.225 ng/ul
RT: 19.90 min Scan# 2827
Delta R.T. 0.00 min
Lab File: BG031112.D
Acq: 18 Nov 2017 10:13

Instrument :
BNA_G
ClientSampleId :
B0FQ6

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	7.6	11.2	16.8#
100	6.2	9.8	14.6#

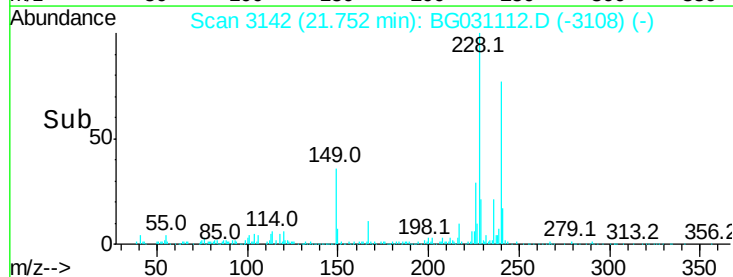
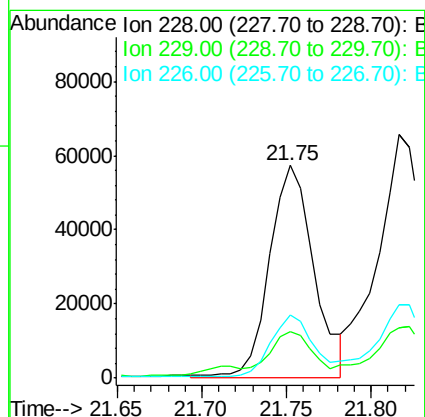
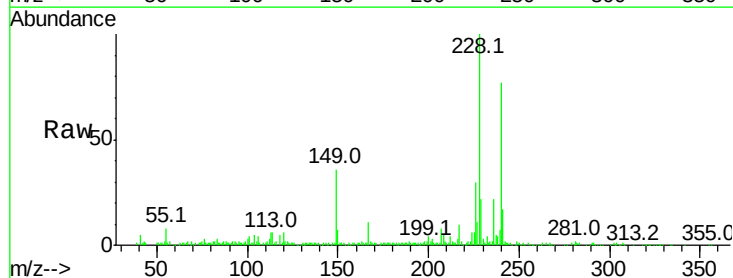
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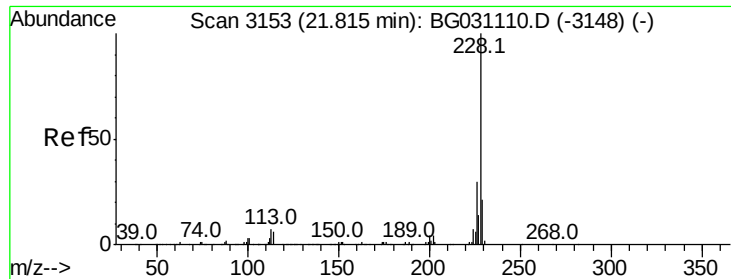
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#21
Benzo(a)anthracene
Concen: 3.969 ng/ul
RT: 21.75 min Scan# 3142
Delta R.T. 0.00 min
Lab File: BG031112.D
Acq: 18 Nov 2017 10:13

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	21.7	15.9	23.9
226	29.6	22.1	33.1





#22

Chrysene

Concen: 4.872 ng/ul

RT: 21.82 min Scan# 3153

Delta R.T. 0.00 min

Lab File: BG031112.D

Acq: 18 Nov 2017 10:13

Instrument :

BNA_G

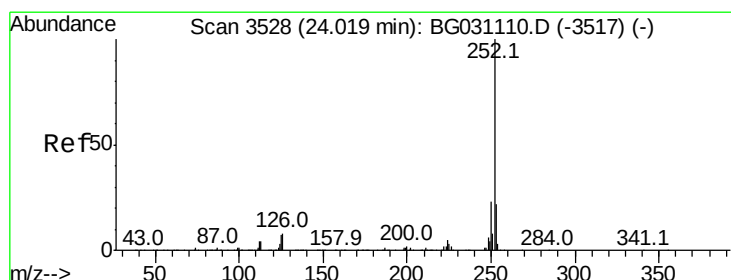
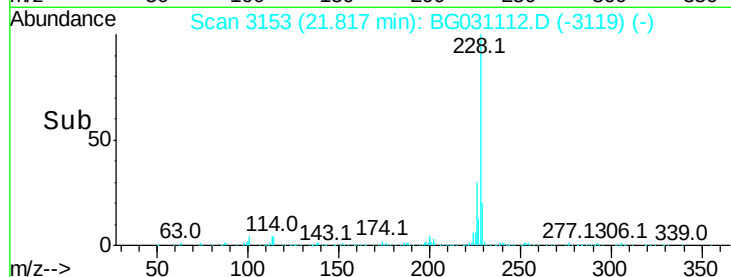
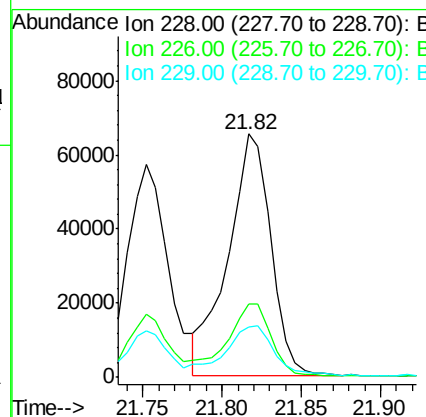
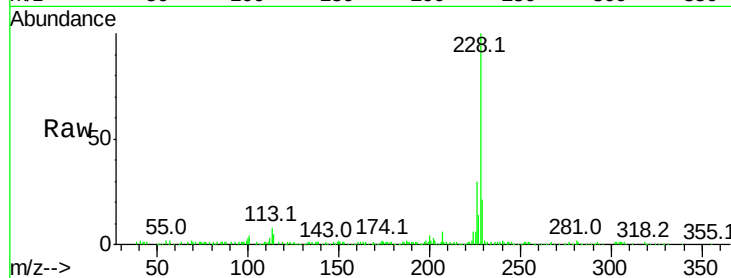
ClientSampleId :

B0FQ6

Tot Ion:	228	Resp:	122002
Ion Ratio	Lower	Upper	
228	100		
226	30.0	25.0	37.6
229	20.6	16.6	25.0

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#24

Benzo(b)fluoranthene

Concen: 6.239 ng/ul

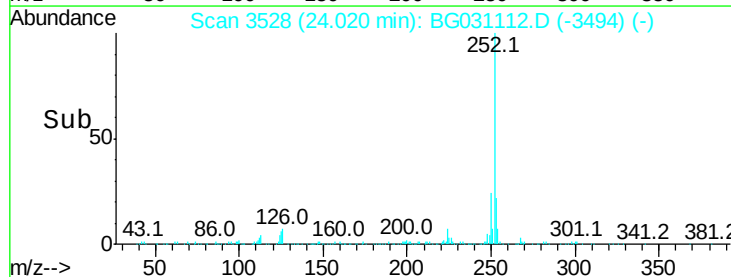
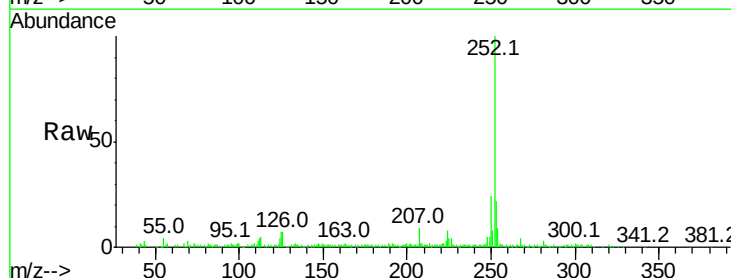
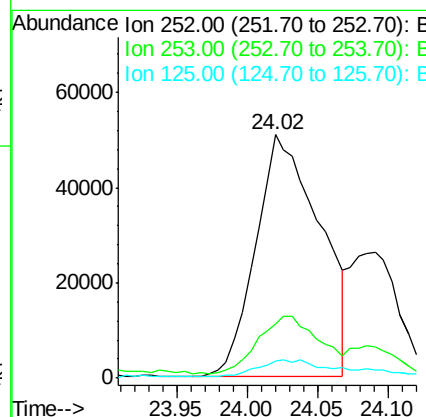
RT: 24.02 min Scan# 3528

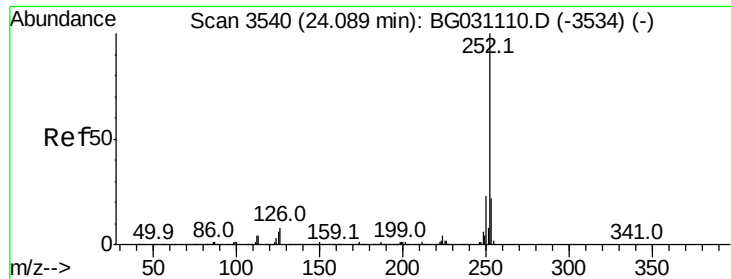
Delta R.T. 0.00 min

Lab File: BG031112.D

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Tgt Ion:	252	Resp:	161807
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.8	26.6
125	6.8	9.4	14.0#





#25

Benzo(k)fluoranthene

Concen: 2.513 ng/ul m

RT: 24.09 min Scan# 3540

Delta R.T. 0.00 min

Lab File: BG031112.D

Acq: 18 Nov 2017 10:13

Instrument :

BNA_G

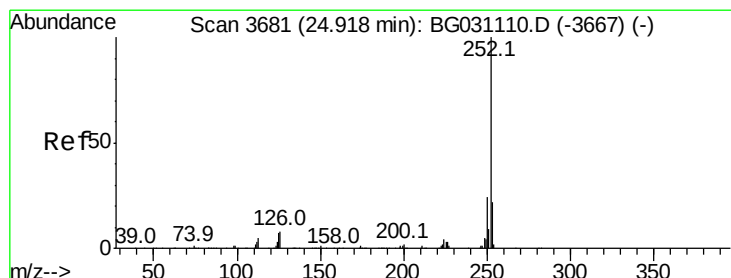
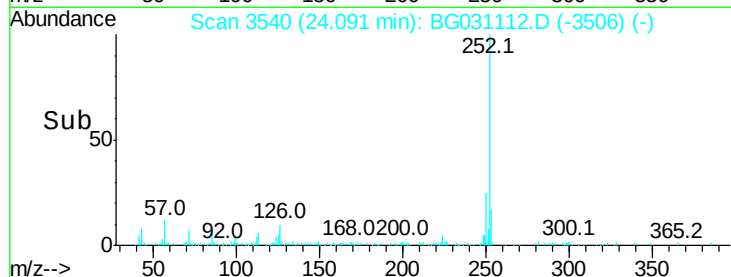
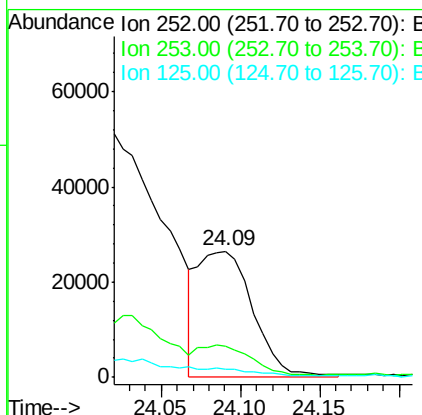
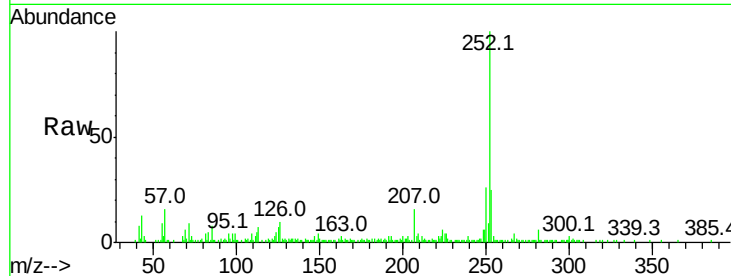
ClientSampleId :

B0FQ6

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.4	26.2
125	6.8	8.8	13.2

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#27

Benzo(a)pyrene

Concen: 4.152 ng/ul m

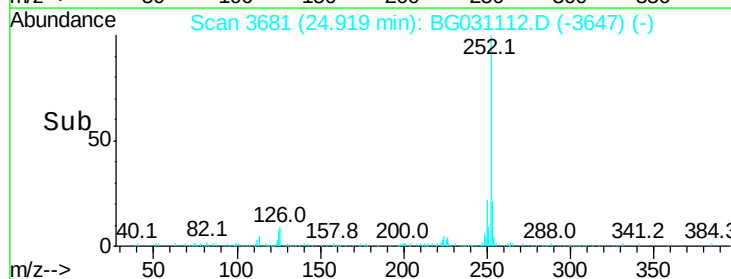
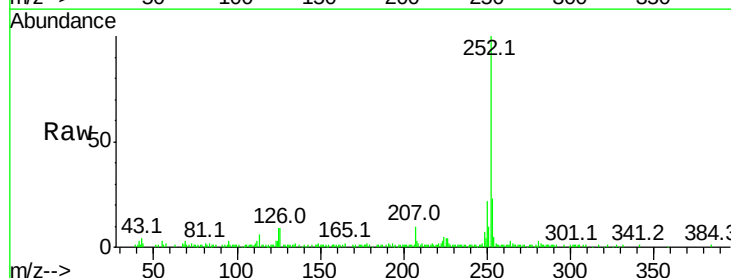
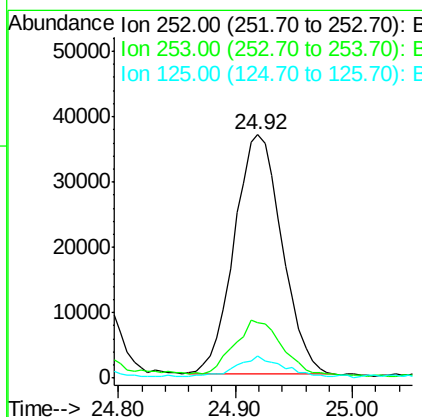
RT: 24.92 min Scan# 3681

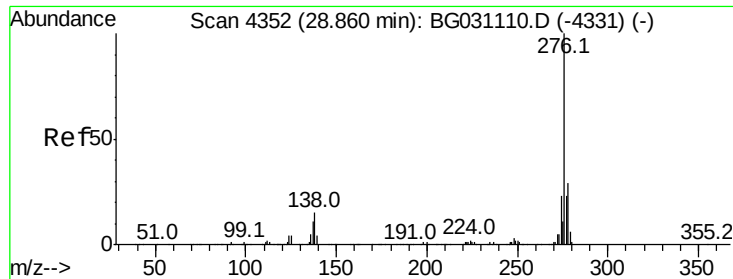
Delta R.T. 0.00 min

Lab File: BG031112.D

Acq: 18 Nov 2017 10:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.1	25.7
125	8.9	9.4	14.2





#28

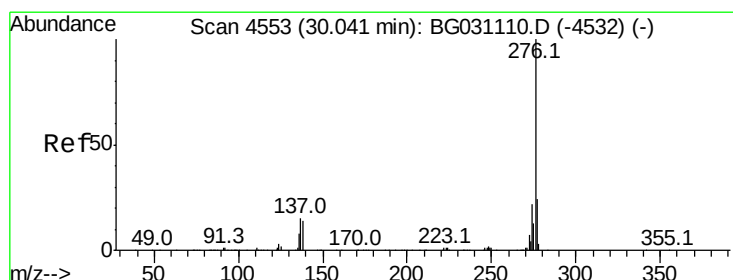
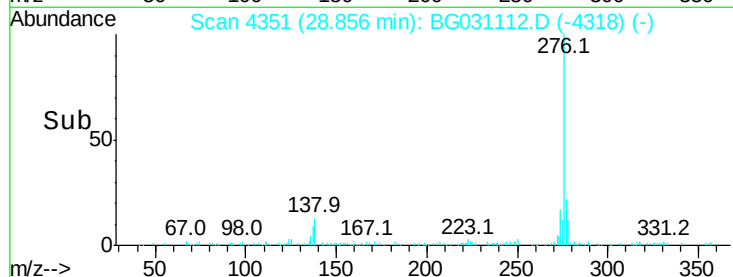
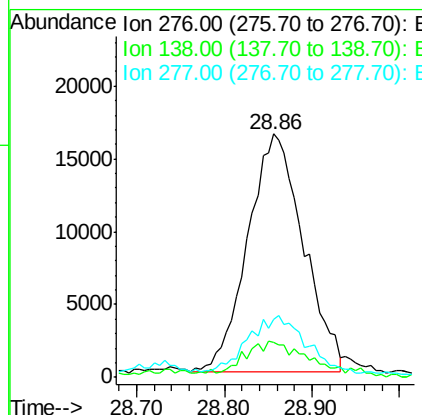
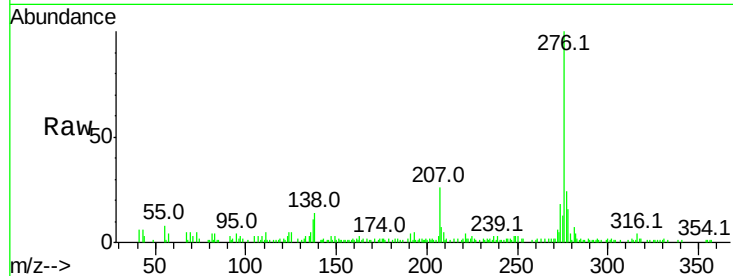
Indeno(1,2,3-cd)pyrene
Concen: 2.514 ng/ul
RT: 28.86 min Scan# 4351
Delta R.T. -0.00 min
Lab File: BG031112.D
Acq: 18 Nov 2017 10:13

Instrument :
BNA_G
ClientSampleId :
B0FQ6

Tot Ion	Ratio	Lower	Upper
276	100		
138	14.3	17.8	26.6#
277	23.8	19.4	29.0

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#30

Benzo(g,h,i)perylene
Concen: 2.493 ng/ul
RT: 30.05 min Scan# 4554
Delta R.T. 0.01 min
Lab File: BG031112.D
Acq: 18 Nov 2017 10:13

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.6	19.0	28.4#
277	26.7	19.7	29.5

