

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111717\
 Data File : BG031116.D
 Acq On : 18 Nov 2017 12:43
 Operator : SJ/JU
 Sample : I6431-07
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0FP2

Manual Integrations
 APPROVED

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 11/20/2017 4:46:06 PM

Quant Time: Nov 20 03:22:36 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG111617-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 18 01:20:34 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	55235	20.00	ng/ul	0.00
2) Naphthalene-d8	10.95	136	253484	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.76	164	167159	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.50	188	393923	20.00	ng/ul	0.00
18) Chrysene-d12	21.78	240	416250	20.00	ng/ul	0.00
23) Perylene-d12	25.08	264	416796	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.58	165	144367	30.18	ng/uL	0.00
7) Acenaphthylene-d8	14.45	160	595472	34.25	ng/ul	0.00
10) Fluorene-d10	15.75	176	450212	32.24	ng/ul	0.00
15) Anthracene-d10	17.60	188	674863	34.23	ng/ul	0.00
19) Pyrene-d10	19.88	212	764698	40.22	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.85	264	743241	36.04	ng/ul	0.00
Target Compounds				Qvalue		
14) Phenanthrene	17.54	178	156163	7.387	ng/ul	98
17) Fluoranthene	19.54	202	624600	21.231	ng/ul#	88
20) Pyrene	19.91	202	502741	22.756	ng/ul#	86
21) Benzo(a)anthracene	21.75	228	311941	12.300	ng/ul	99
22) Chrysene	21.82	228	393750	16.324	ng/ul	98
24) Benzo(b)fluoranthene	24.03	252	520024	20.650	ng/ul#	95
25) Benzo(k)fluoranthene	24.09	252	184351m	7.431	ng/ul	
27) Benzo(a)pyrene	24.93	252	318939m	13.214	ng/ul	
28) Indeno(1,2,3-cd)pyrene	28.87	276	218556	7.944	ng/ul	94
30) Benzo(g,h,i)perylene	30.06	276	179541m	7.838	ng/ul	

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

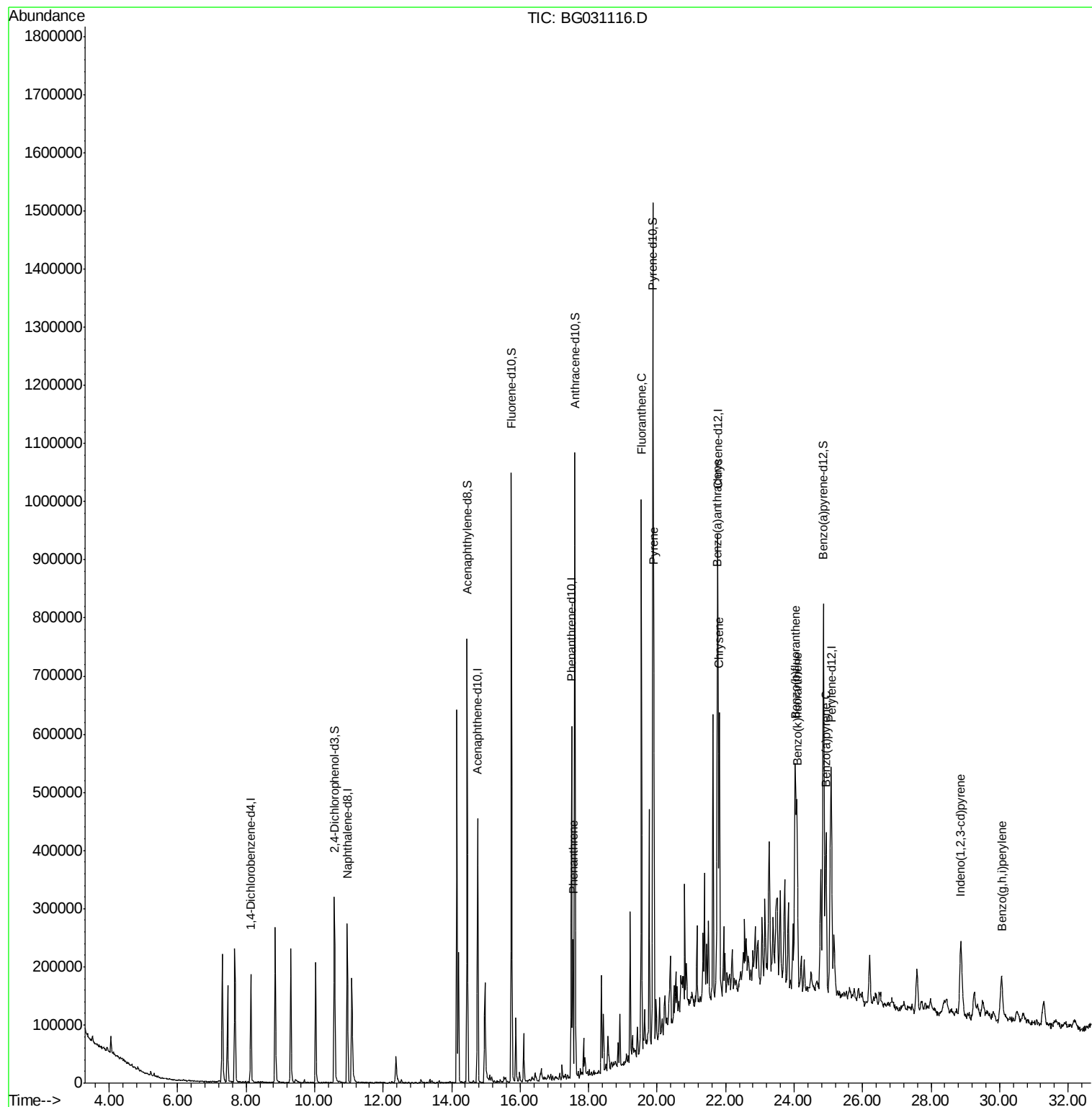
Data Path : Z:\HPCHEM1\BNA G\DATA\BG111717\
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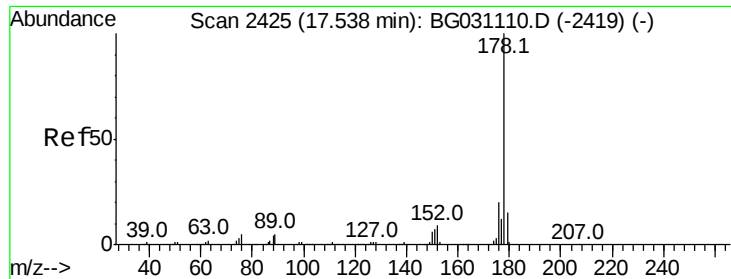
Instrument :
BNA_G
ClientSampled :
B0FP2

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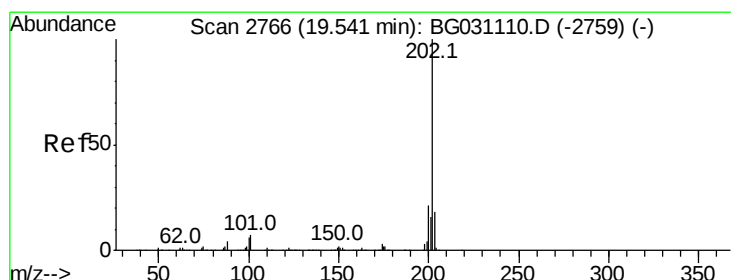
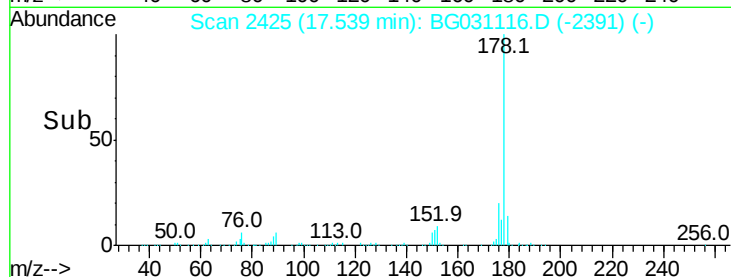
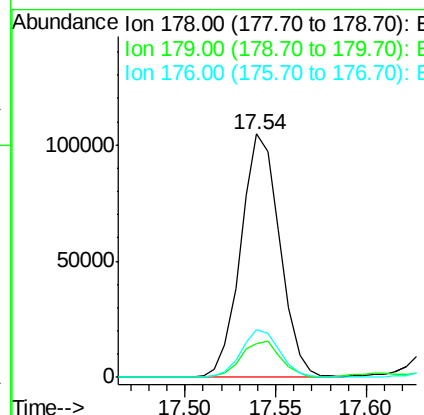
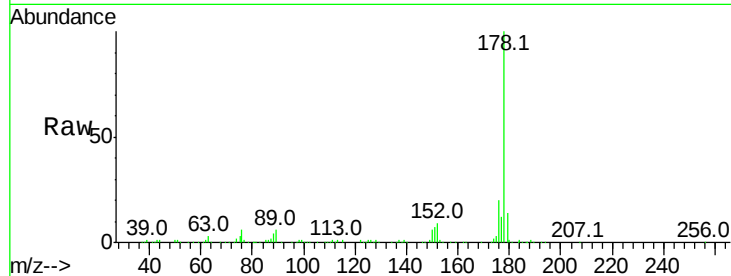
#14
Phenanthrene
Concen: 7.387 ng/ul
RT: 17.54 min Scan# 2425
Delta R.T. -0.00 min
Lab File: BG031116.D
Acq: 18 Nov 2017 12:43

Instrument :
BNA_G
ClientSampleId :
B0FP2

Tot Ion	Ratio	Lower	Upper
178	100		
179	13.9	12.2	18.4
176	19.7	16.4	24.6

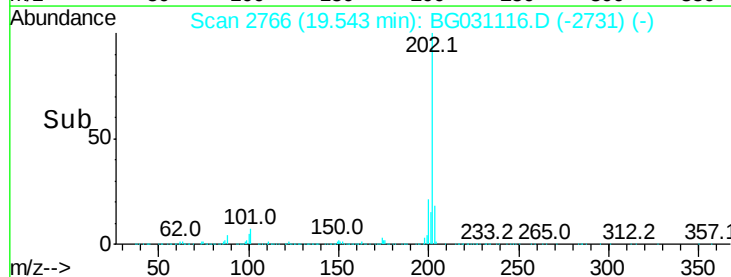
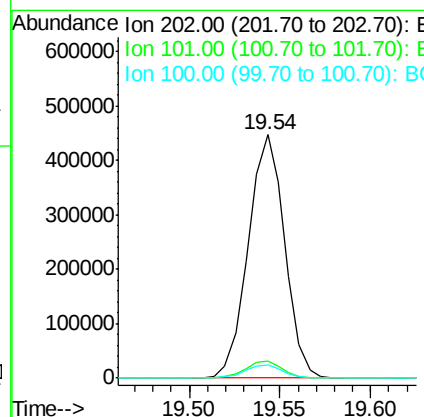
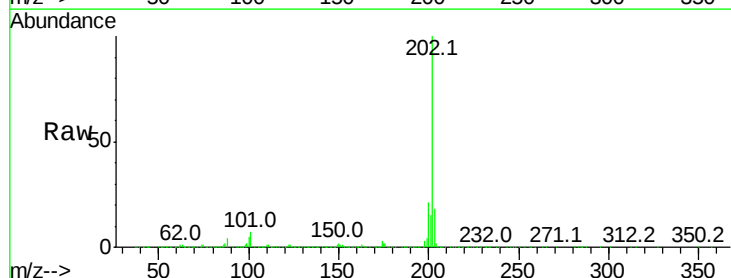
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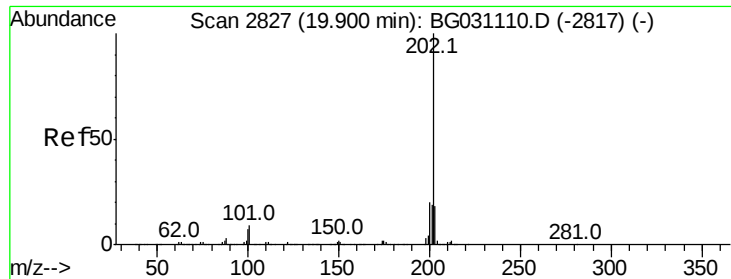
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#17
Fluoranthene
Concen: 21.231 ng/ul
RT: 19.54 min Scan# 2766
Delta R.T. 0.00 min
Lab File: BG031116.D
Acq: 18 Nov 2017 12:43

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.2	9.8	14.8#
100	5.4	7.5	11.3#





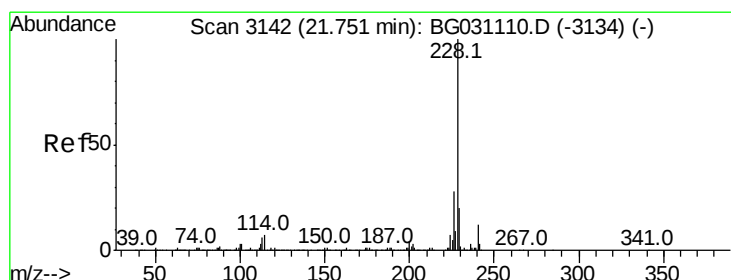
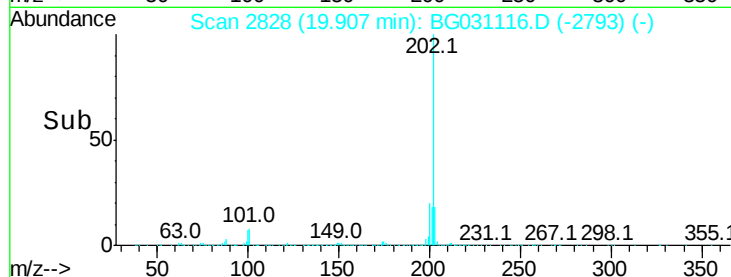
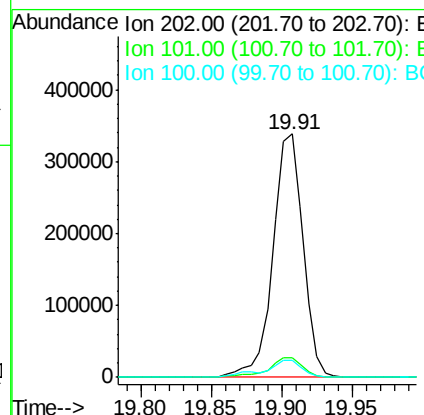
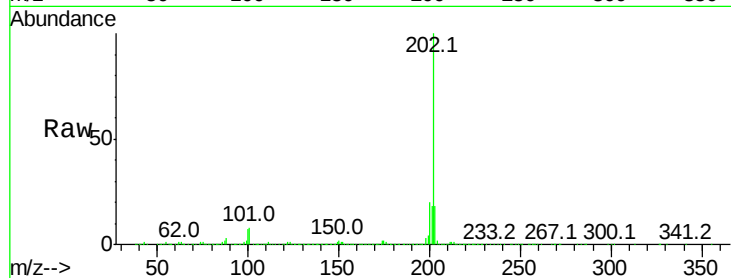
#20
Pvrene
Concen: 22.756 ng/ul
RT: 19.91 min Scan# 2828
Delta R.T. 0.00 min
Lab File: BG031116.D
Acq: 18 Nov 2017 12:43

Instrument :
BNA_G
ClientSampleId :
B0FP2

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.1	11.2	16.8#
100	6.8	9.8	14.6#

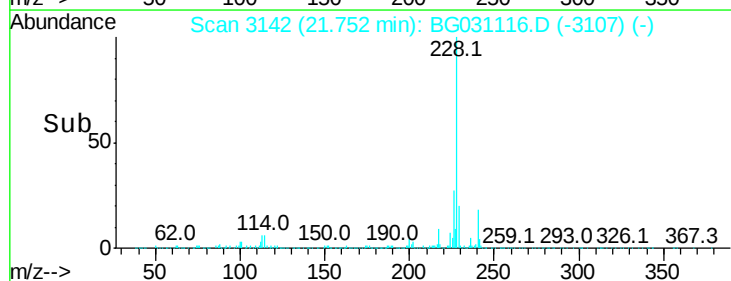
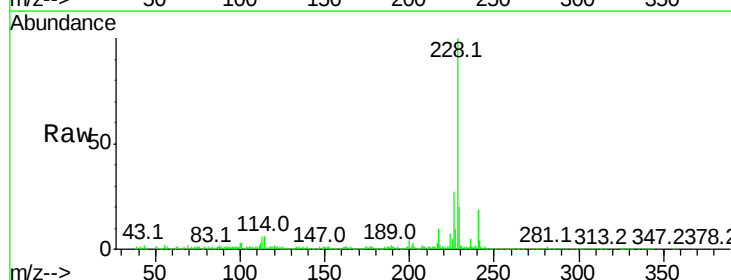
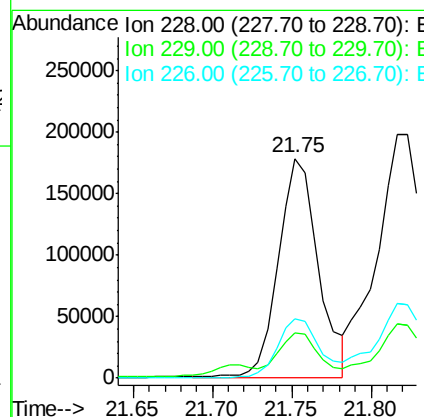
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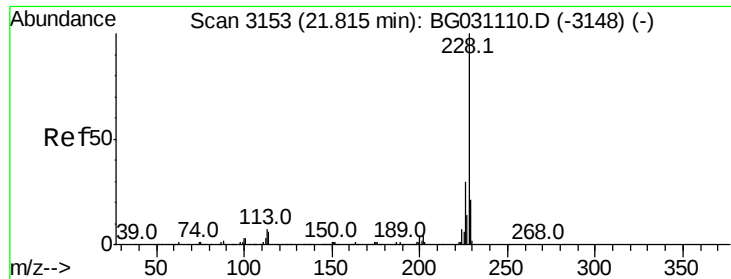
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#21
Benzo(a)anthracene
Concen: 12.300 ng/ul
RT: 21.75 min Scan# 3142
Delta R.T. 0.00 min
Lab File: BG031116.D
Acq: 18 Nov 2017 12:43

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.3	15.9	23.9
226	27.1	22.1	33.1





#22

Chrysene

Concen: 16.324 ng/ul

RT: 21.82 min Scan# 3153

Delta R.T. -0.00 min

Lab File: BG031116.D

Acq: 18 Nov 2017 12:43

Instrument :

BNA_G

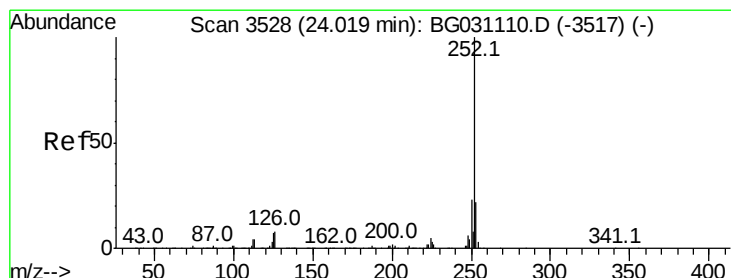
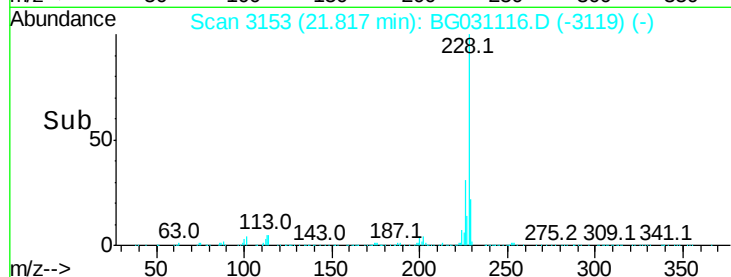
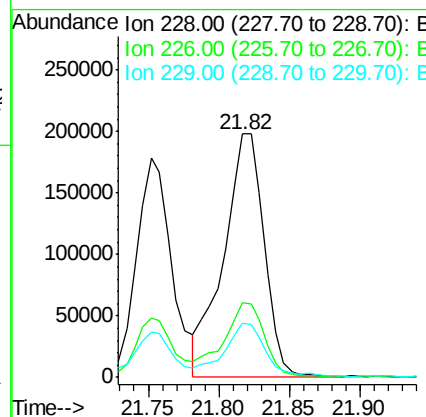
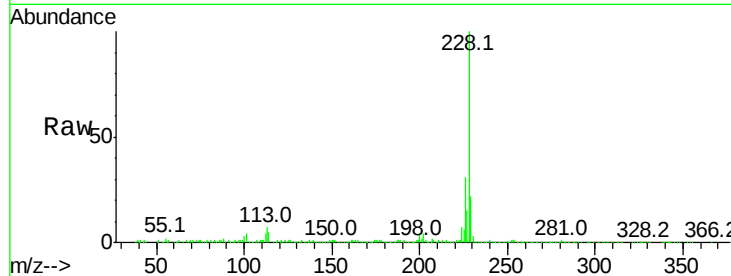
ClientSampled :

B0FP2

Tot Ion:	228	Resp:	393750
Ion Ratio	Lower	Upper	
228	100		
226	30.7	25.0	37.6
229	22.3	16.6	25.0

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#24

Benzo(b)fluoranthene

Concen: 20.650 ng/ul

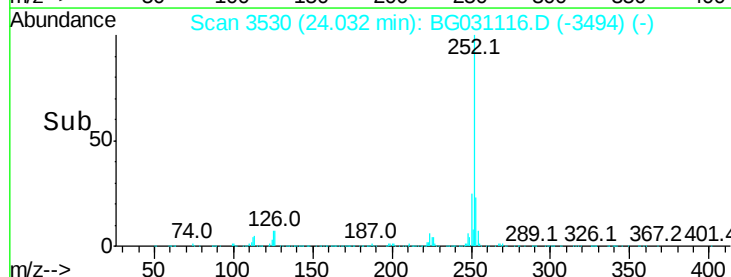
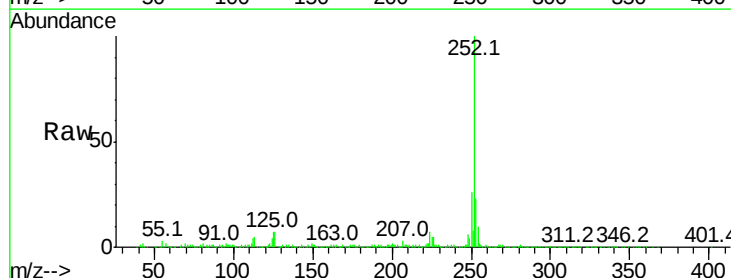
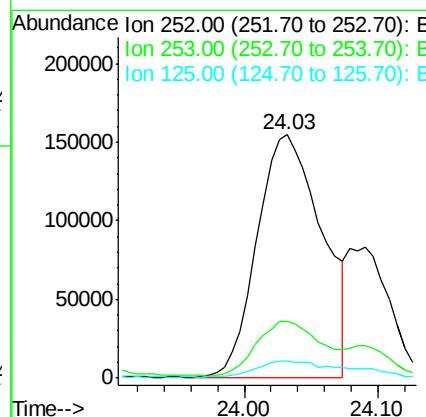
RT: 24.03 min Scan# 3530

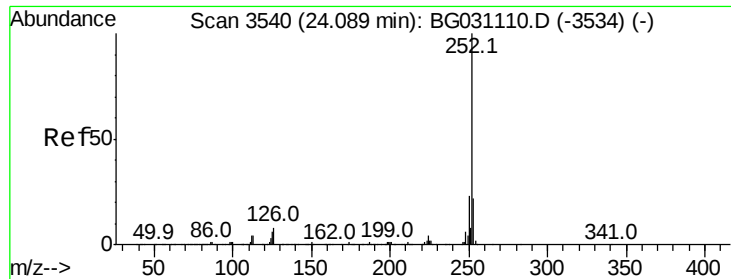
Delta R.T. 0.01 min

Lab File: BG031116.D

Acq: 18 Nov 2017 12:43

Tgt Ion:	252	Resp:	520024
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.8	26.6
125	7.2	9.4	14.0#





#25

Benzo(k)fluoranthene

Concen: 7.431 ng/ul m

RT: 24.09 min Scan# 3540

Delta R.T. -0.00 min

Lab File: BG031116.D

Acq: 18 Nov 2017 12:43

Instrument :

BNA_G

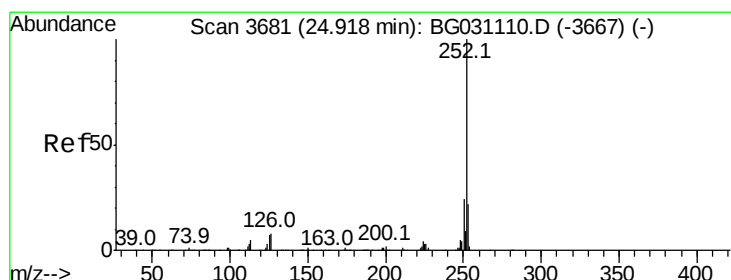
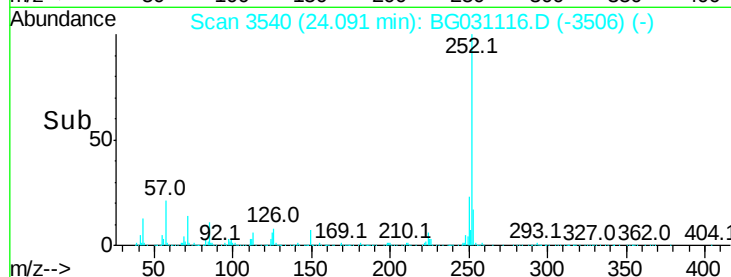
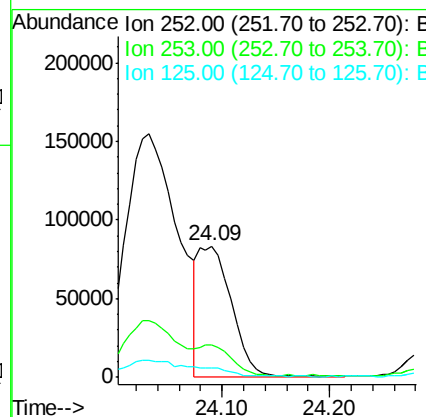
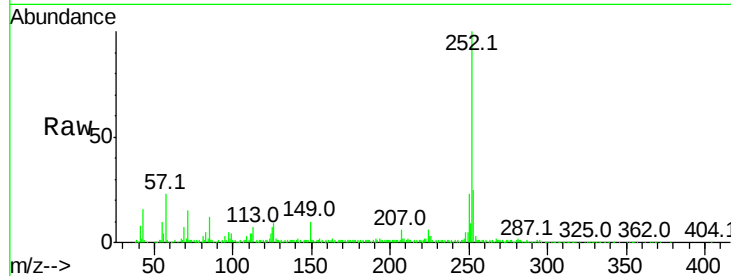
ClientSampleId :

B0FP2

Tot Ion:	252	Resp:	184351
Ion Ratio	Lower	Upper	
252	100		
253	24.7	17.4	26.2
125	6.9	8.8	13.2#

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#27

Benzo(a)pyrene

Concen: 13.214 ng/ul m

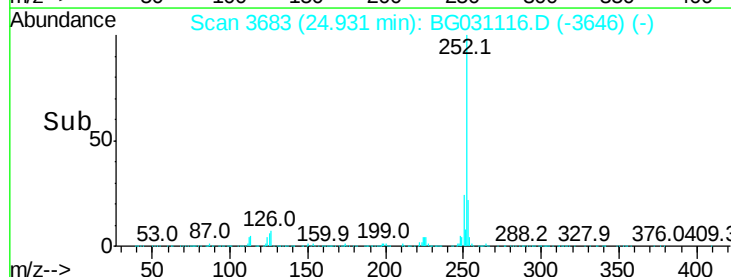
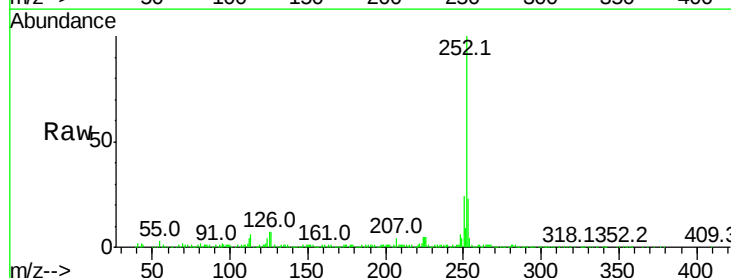
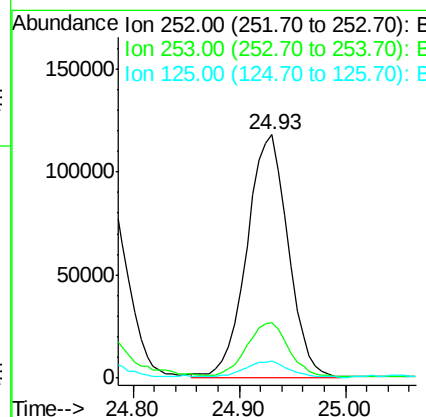
RT: 24.93 min Scan# 3683

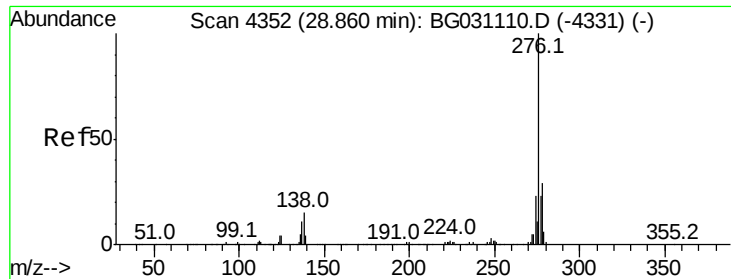
Delta R.T. 0.02 min

Lab File: BG031116.D

Acq: 18 Nov 2017 12:43

Tgt Ion:	252	Resp:	318939
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.1	25.7
125	7.0	9.4	14.2#





#28

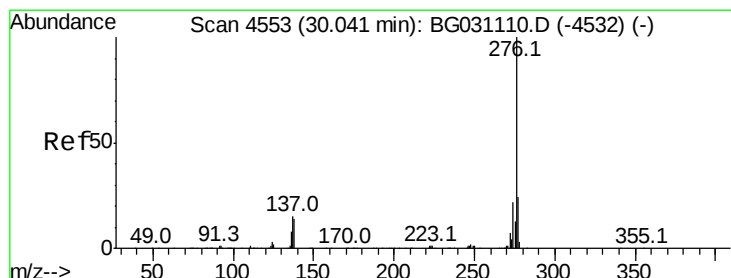
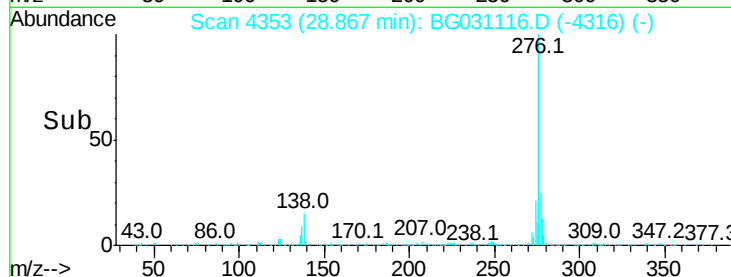
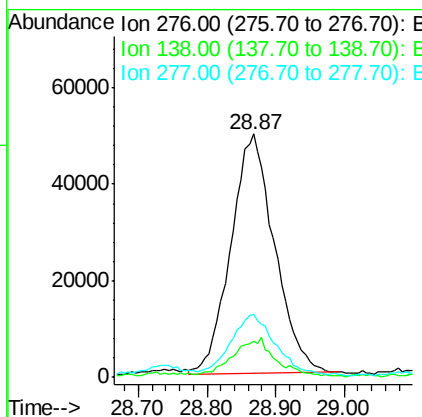
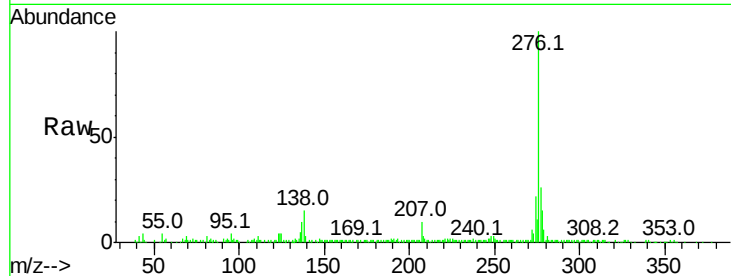
Indeno(1,2,3-cd)pyrene
Concen: 7.944 ng/ul
RT: 28.87 min Scan# 4353
Delta R.T. 0.02 min
Lab File: BG031116.D
Acq: 18 Nov 2017 12:43

Instrument :
BNA_G
ClientSampleId :
B0FP2

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.0	17.8	26.6
277	25.8	19.4	29.0

Manual Integrations
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#30

Benzo(g,h,i)perylene
Concen: 7.838 ng/ul m
RT: 30.06 min Scan# 4556
Delta R.T. 0.02 min
Lab File: BG031116.D
Acq: 18 Nov 2017 12:43

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.1	19.0	28.4#
277	22.3	19.7	29.5

