

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112017\
 Data File : BG031134.D
 Acq On : 20 Nov 2017 17:14
 Operator : SJ/JU
 Sample : I6475-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0G26

Manual Integrations
 APPROVED

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Quant Time: Nov 21 06:45:22 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG111617-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 21 05:01:30 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	62543	20.00	ng/ul	0.00
2) Naphthalene-d8	10.95	136	299152	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.76	164	198945	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.50	188	464191	20.00	ng/ul	0.00
18) Chrysene-d12	21.77	240	485331	20.00	ng/ul	-0.01
23) Perylene-d12	25.07	264	488444	20.00	ng/ul	-0.04
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.58	165	158447	28.07	ng/uL	0.00
7) Acenaphthylene-d8	14.45	160	687491	33.23	ng/ul	0.00
10) Fluorene-d10	15.75	176	504429	30.35	ng/ul	0.00
15) Anthracene-d10	17.59	188	754585	32.48	ng/ul	0.00
19) Pyrene-d10	19.87	212	849591	38.32	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.85	264	823160	34.06	ng/ul	-0.03
Target Compounds						
14) Phenanthrene	17.54	178	47498	1.907	ng/ul	97
17) Fluoranthene	19.54	202	95492	2.755	ng/ul#	91
20) Pyrene	19.90	202	117100	4.546	ng/ul#	87
21) Benzo(a)anthracene	21.75	228	58039	1.963	ng/ul	97
22) Chrysene	21.81	228	66458	2.363	ng/ul	98
24) Benzo(b)fluoranthene	24.02	252	73897	2.504	ng/ul#	97
25) Benzo(k)fluoranthene	24.07	252	29783m	1.024	ng/ul	
27) Benzo(a)pyrene	24.92	252	62969	2.226	ng/ul#	96
28) Indeno(1,2,3-cd)pyrene	28.86	276	39844	1.236	ng/ul	94
30) Benzo(g,h,i)perylene	30.04	276	40121m	1.495	ng/ul	

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

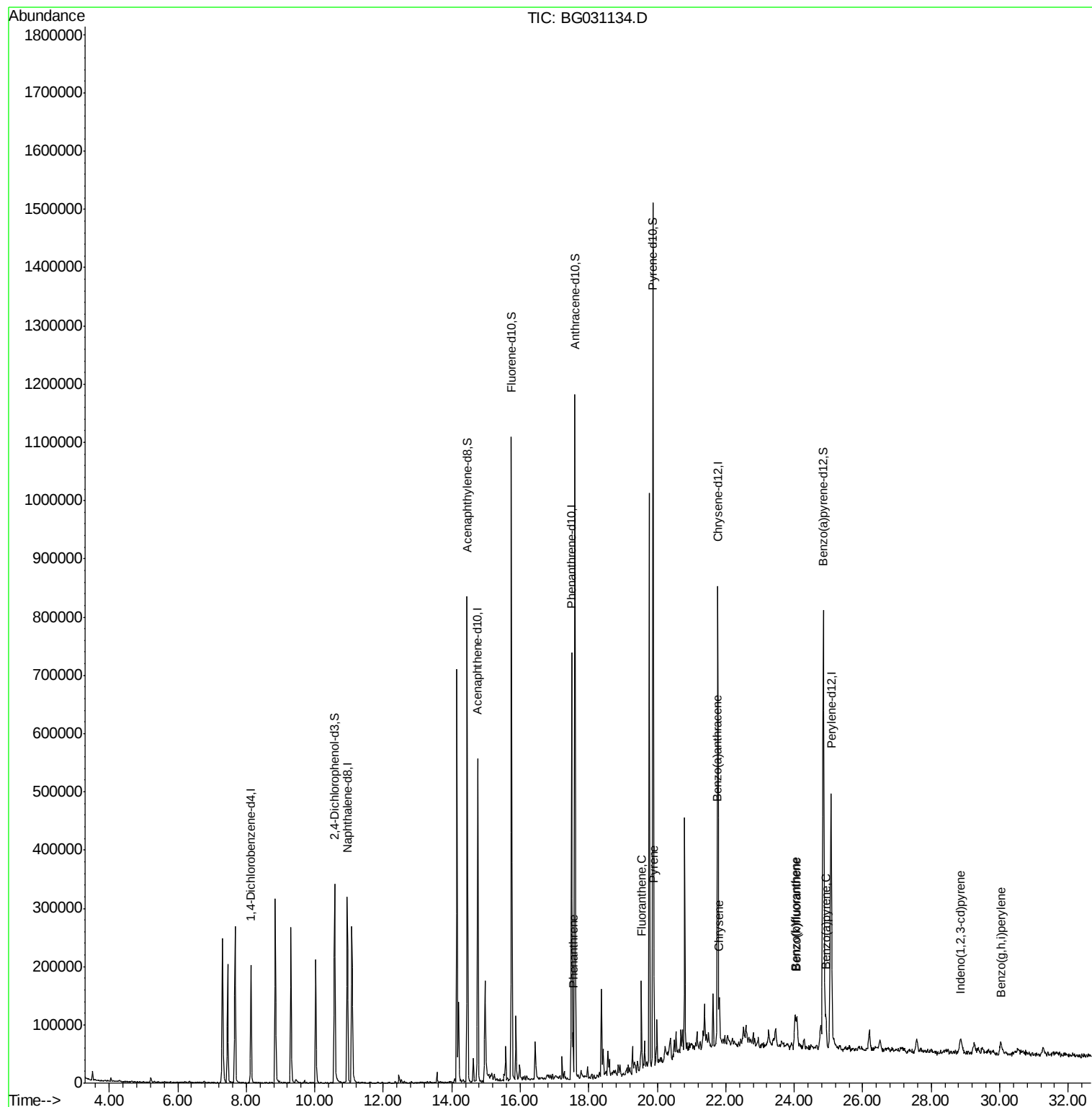
Data Path : Z:\HPCHEM1\BNA G\DATA\BG112017\
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ALS Vial : 10 Sample Multiplier: 1

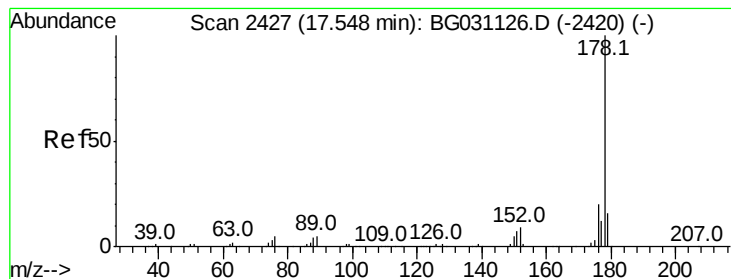
Instrument :
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#14

Phenanthrene

Concen: 1.907 ng/ul

RT: 17.54 min Scan# 2426

Delta R.T. -0.01 min

Lab File: BG031134.D

Acq: 20 Nov 2017 17:14

Instrument :

BNA_G

ClientSampleId :

B0G26

Tot Ion:178 Resp: 47498

Ion Ratio Lower Upper

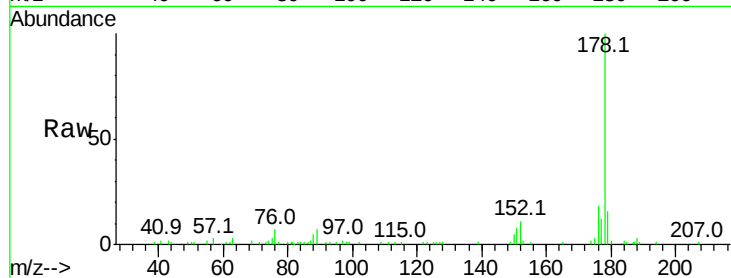
178 100

179 15.6 12.2 18.4

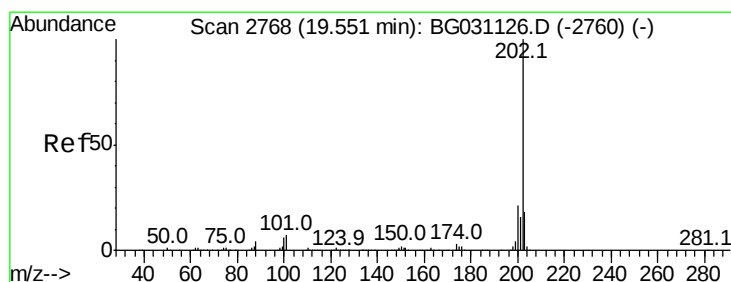
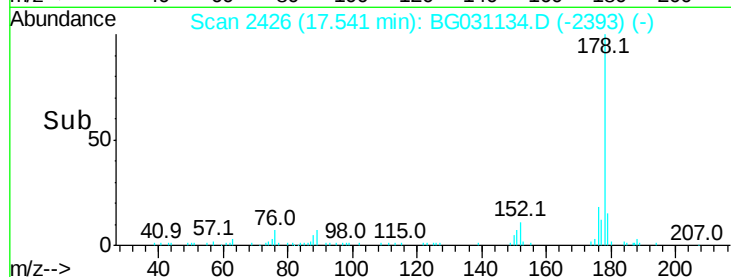
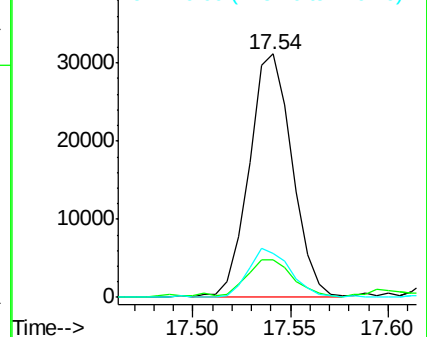
176 18.1 16.4 24.6

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#17

Fluoranthene

Concen: 2.755 ng/ul

RT: 19.54 min Scan# 2766

Delta R.T. -0.01 min

Lab File: BG031134.D

Acq: 20 Nov 2017 17:14

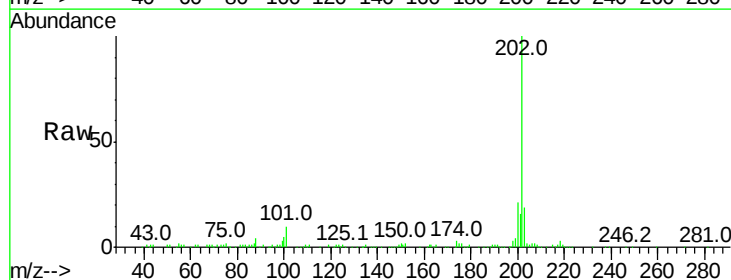
Tgt Ion:202 Resp: 95492

Ion Ratio Lower Upper

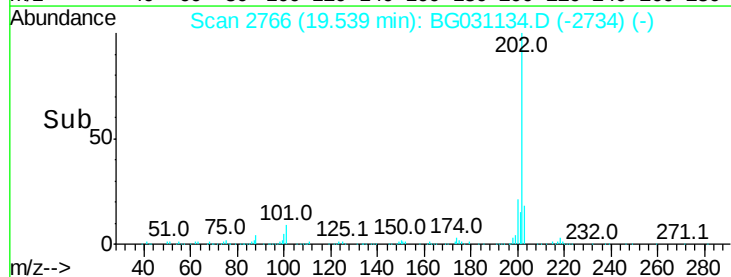
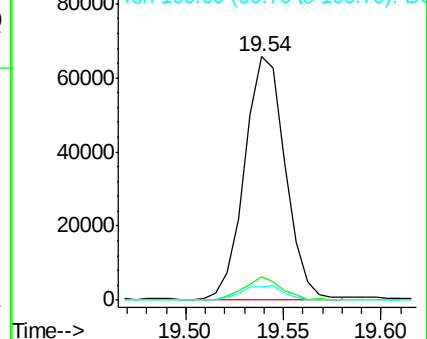
202 100

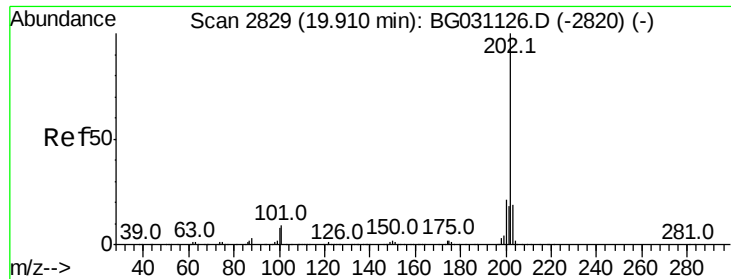
101 9.5 9.8 14.8#

100 5.3 7.5 11.3#



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





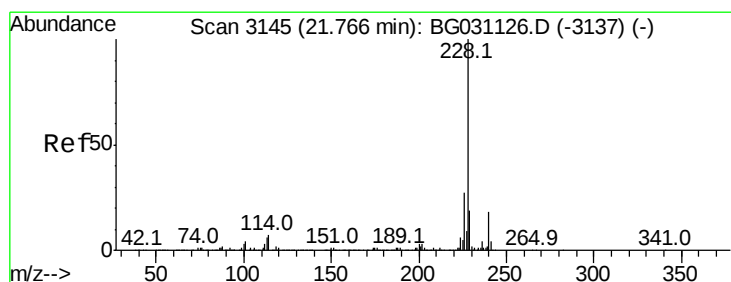
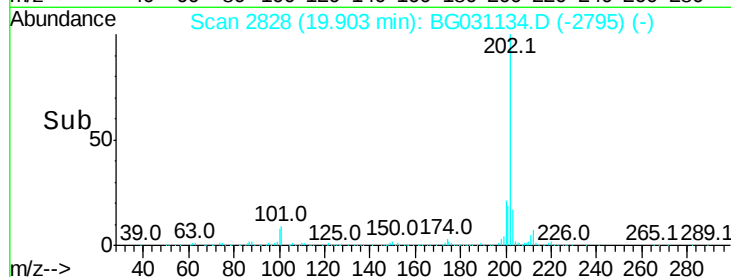
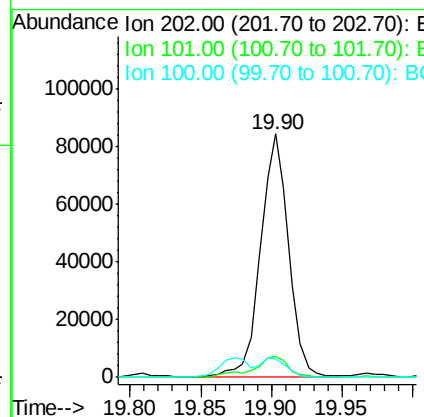
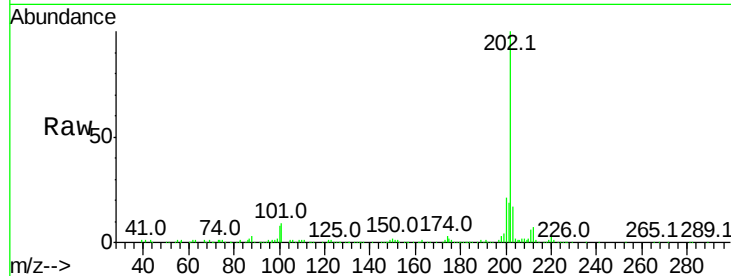
#20
Pvrene
Concen: 4.546 ng/ul
RT: 19.90 min Scan# 2828
Delta R.T. -0.01 min
Lab File: BG031134.D
Acq: 20 Nov 2017 17:14

Instrument :
BNA_G
ClientSampled :
B0G26

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.7	11.2	16.8#
100	7.5	9.8	14.6#

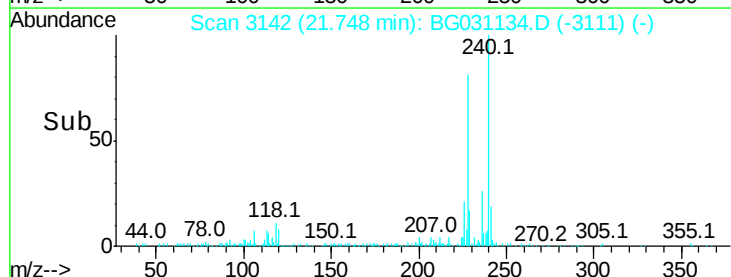
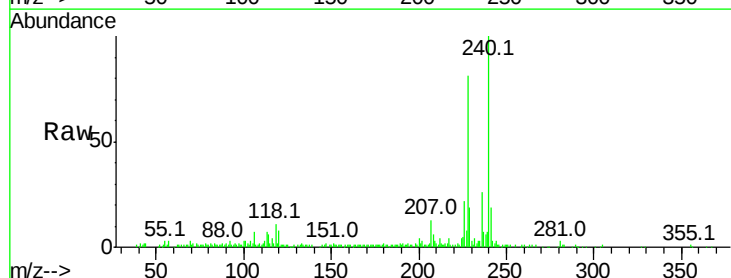
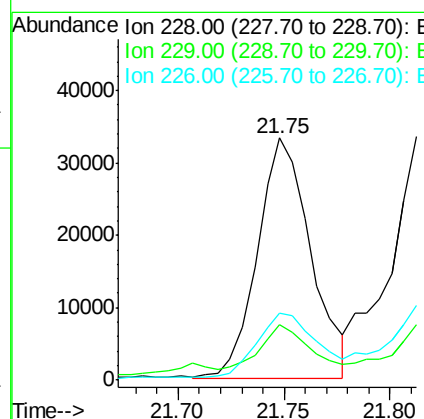
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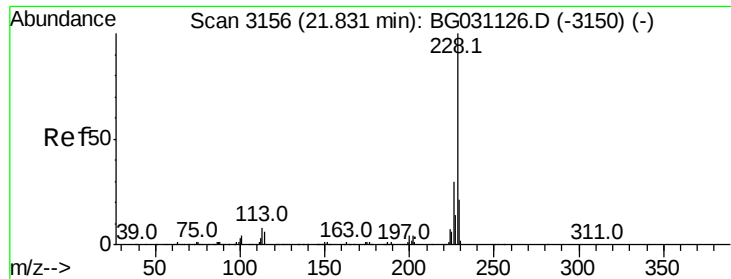
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#21
Benzo(a)anthracene
Concen: 1.963 ng/ul
RT: 21.75 min Scan# 3142
Delta R.T. -0.02 min
Lab File: BG031134.D
Acq: 20 Nov 2017 17:14

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	23.0	15.9	23.9
226	27.4	22.1	33.1





#22

Chrysene

Concen: 2.363 ng/ul

RT: 21.81 min Scan# 3153

Delta R.T. -0.02 min

Lab File: BG031134.D

Acq: 20 Nov 2017 17:14

Instrument :

BNA_G

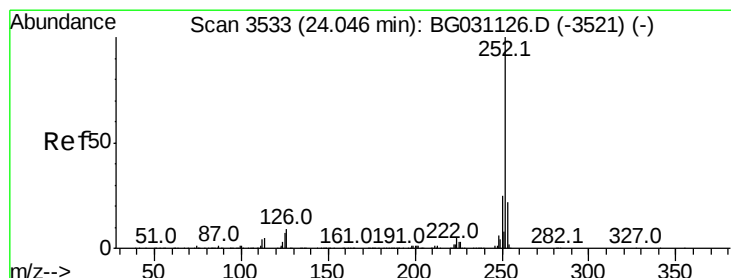
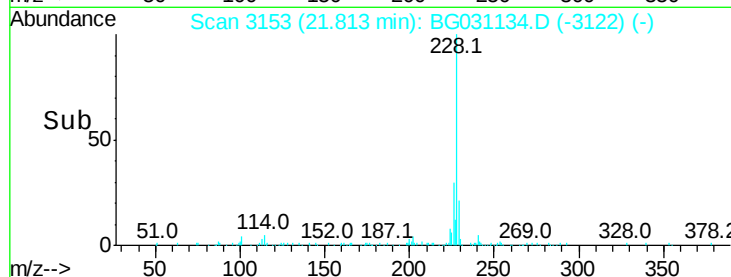
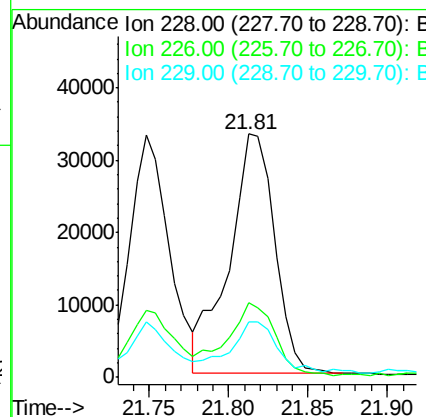
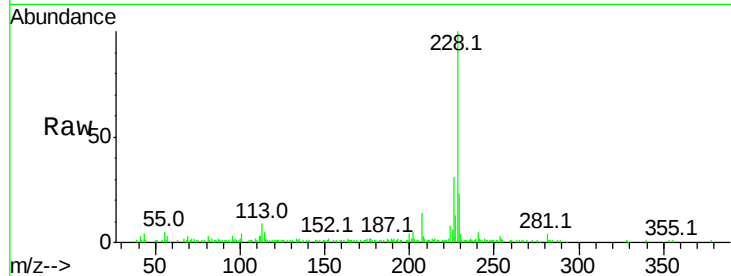
ClientSampled :

B0G26

Tot Ion:	228	Resp:	66458
Ion Ratio	Lower	Upper	
228	100		
226	30.7	25.0	37.6
229	22.6	16.6	25.0

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#24

Benzo(b)fluoranthene

Concen: 2.504 ng/ul

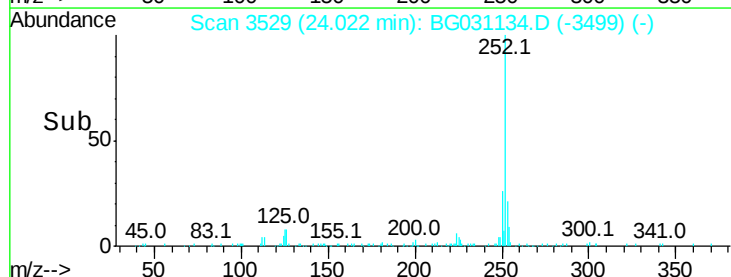
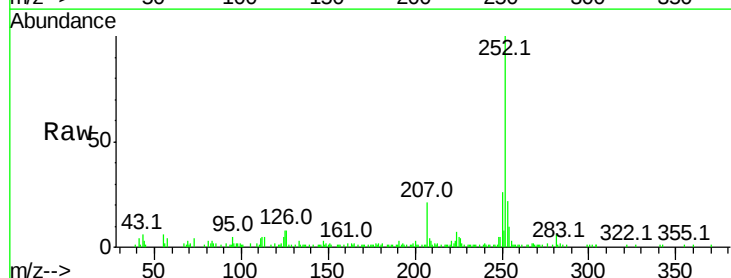
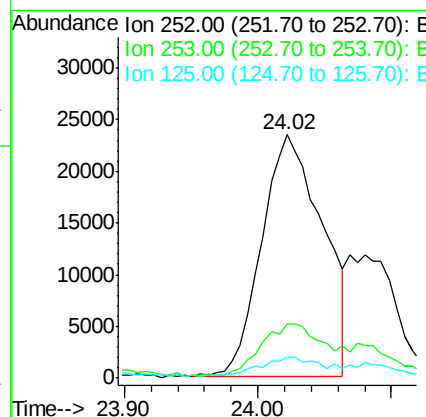
RT: 24.02 min Scan# 3529

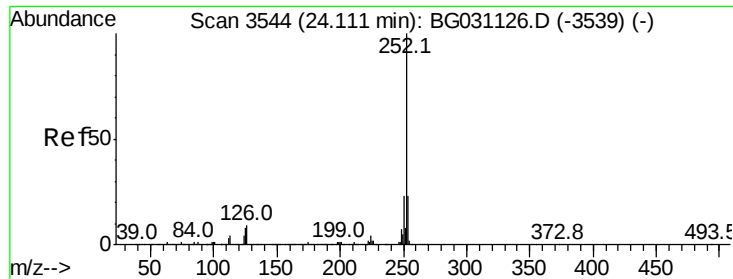
Delta R.T. -0.02 min

Lab File: BG031134.D

Acq: 20 Nov 2017 17:14

Tgt Ion:	252	Resp:	73897
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.8	26.6
125	8.5	9.4	14.0#





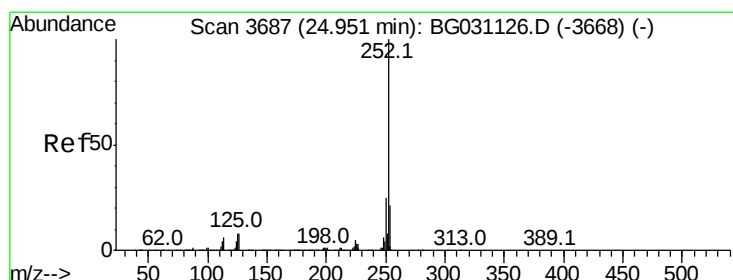
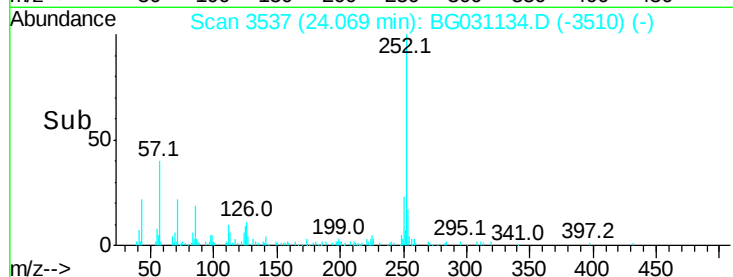
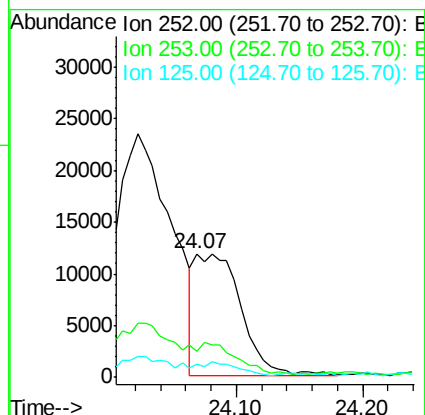
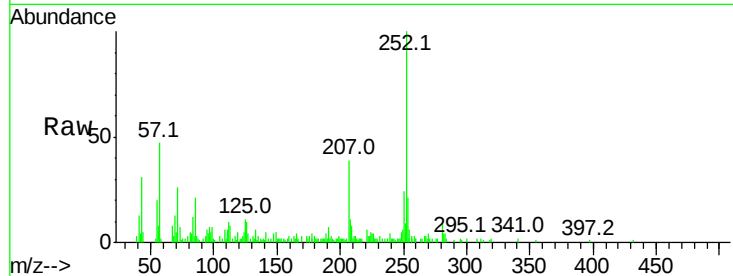
#25
Benzo(k)fluoranthene
Concen: 1.024 ng/ul m
RT: 24.07 min Scan# 3537
Delta R.T. -0.04 min
Lab File: BG031134.D
Acq: 20 Nov 2017 17:14

Instrument :
BNA_G
ClientSampleId :
B0G26

Tot Ion:	252	Resp:	29783
Ion Ratio	Lower	Upper	
252	100		
253	20.9	17.4	26.2
125	10.6	8.8	13.2

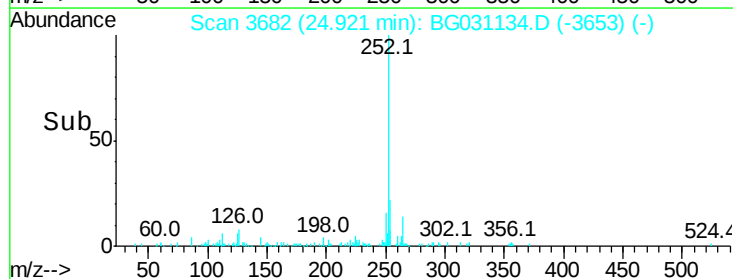
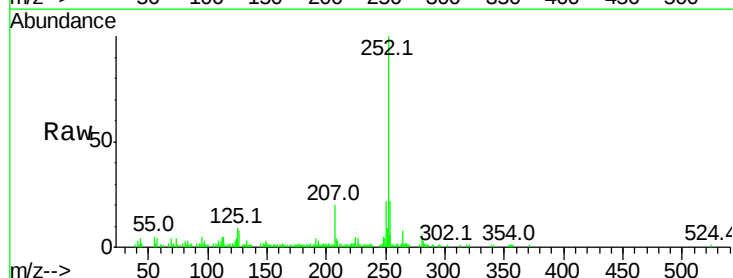
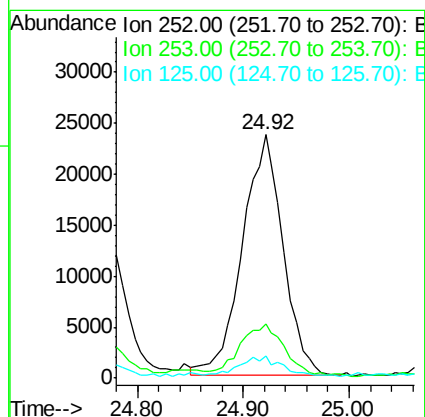
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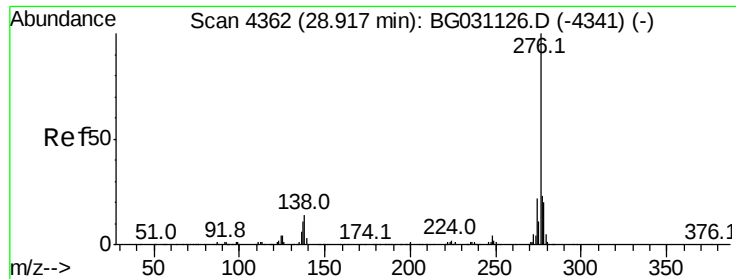
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#27
Benzo(a)pyrene
Concen: 2.226 ng/ul
RT: 24.92 min Scan# 3682
Delta R.T. -0.03 min
Lab File: BG031134.D
Acq: 20 Nov 2017 17:14

Tgt Ion:	252	Resp:	62969
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.1	25.7
125	9.0	9.4	14.2#





#28

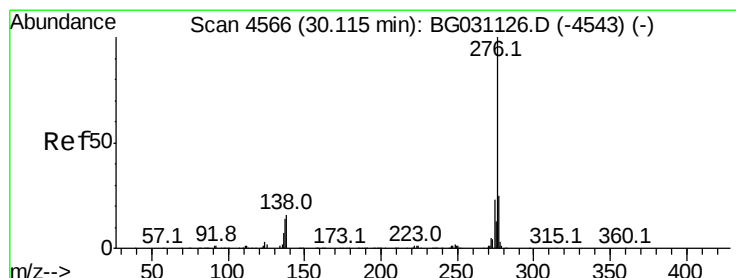
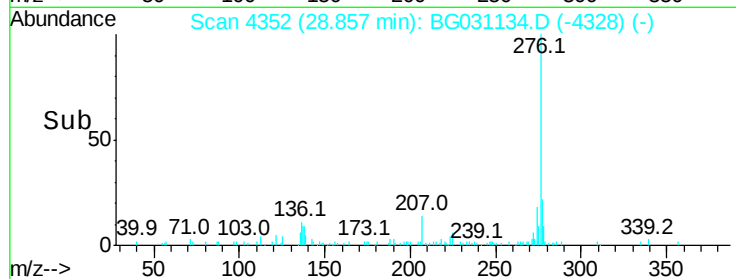
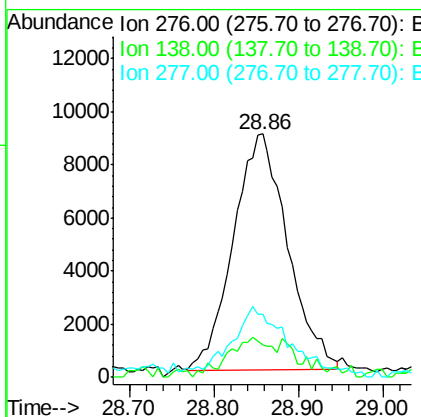
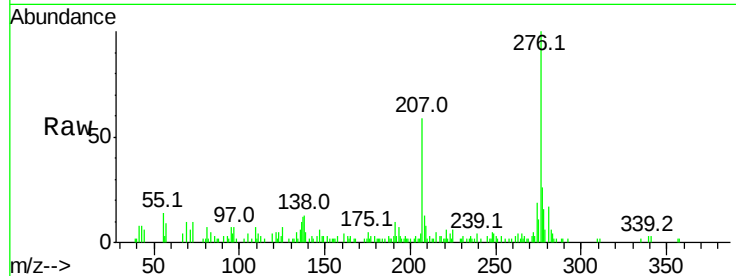
Indeno(1,2,3-cd)pyrene
Concen: 1.236 ng/ul
RT: 28.86 min Scan# 4352
Delta R.T. -0.06 min
Lab File: BG031134.D
Acq: 20 Nov 2017 17:14

Instrument :
BNA_G
ClientSampleId :
B0G26

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.2	17.8	26.6
277	25.9	19.4	29.0

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#30

Benzo(g,h,i)perylene
Concen: 1.495 ng/ul m
RT: 30.04 min Scan# 4553
Delta R.T. -0.08 min
Lab File: BG031134.D
Acq: 20 Nov 2017 17:14

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.3	19.0	28.4#
277	26.1	19.7	29.5

