

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112017\
 Data File : BG031133.D
 Acq On : 20 Nov 2017 16:37
 Operator : SJ/JU
 Sample : I6475-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0G24

Manual Integrations
 APPROVED

Sohil
 11/21/2017 2:27:24 PM

Quant Time: Nov 21 06:42:59 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	8.14	152	57242	20.00	ng/ul	0.00
2) Naphthalene-d8	10.95	136	266966	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.76	164	180605	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.50	188	423825	20.00	ng/ul	0.00
18) Chrysene-d12	21.77	240	435036	20.00	ng/ul	-0.02
23) Perylene-d12	25.07	264	436556	20.00	ng/ul	-0.04
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.58	165	96428	19.14	ng/uL	0.00
7) Acenaphthylene-d8	14.45	160	441886	23.53	ng/ul	0.00
10) Fluorene-d10	15.75	176	327952	21.74	ng/ul	0.00
15) Anthracene-d10	17.60	188	503632	23.74	ng/ul	0.00
19) Pyrene-d10	19.87	212	585474	29.46	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.84	264	540837	25.04	ng/ul	-0.04
Target Compounds						
14) Phenanthrene	17.54	178	27868	1.225	ng/ul	96
17) Fluoranthene	19.54	202	48273	1.525	ng/ul#	90
20) Pyrene	19.90	202	51733	2.241	ng/ul#	85
21) Benzo(a)anthracene	21.75	228	35679	1.346	ng/ul	98
22) Chrysene	21.82	228	36072	1.431	ng/ul	98
24) Benzo(b)fluoranthene	24.01	252	60141	2.280	ng/ul#	96
27) Benzo(a)pyrene	24.91	252	50647	2.003	ng/ul#	96
28) Indeno(1,2,3-cd)pyrene	28.85	276	37497m	1.301	ng/ul	
30) Benzo(g,h,i)perylene	30.04	276	33169m	1.382	ng/ul	

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

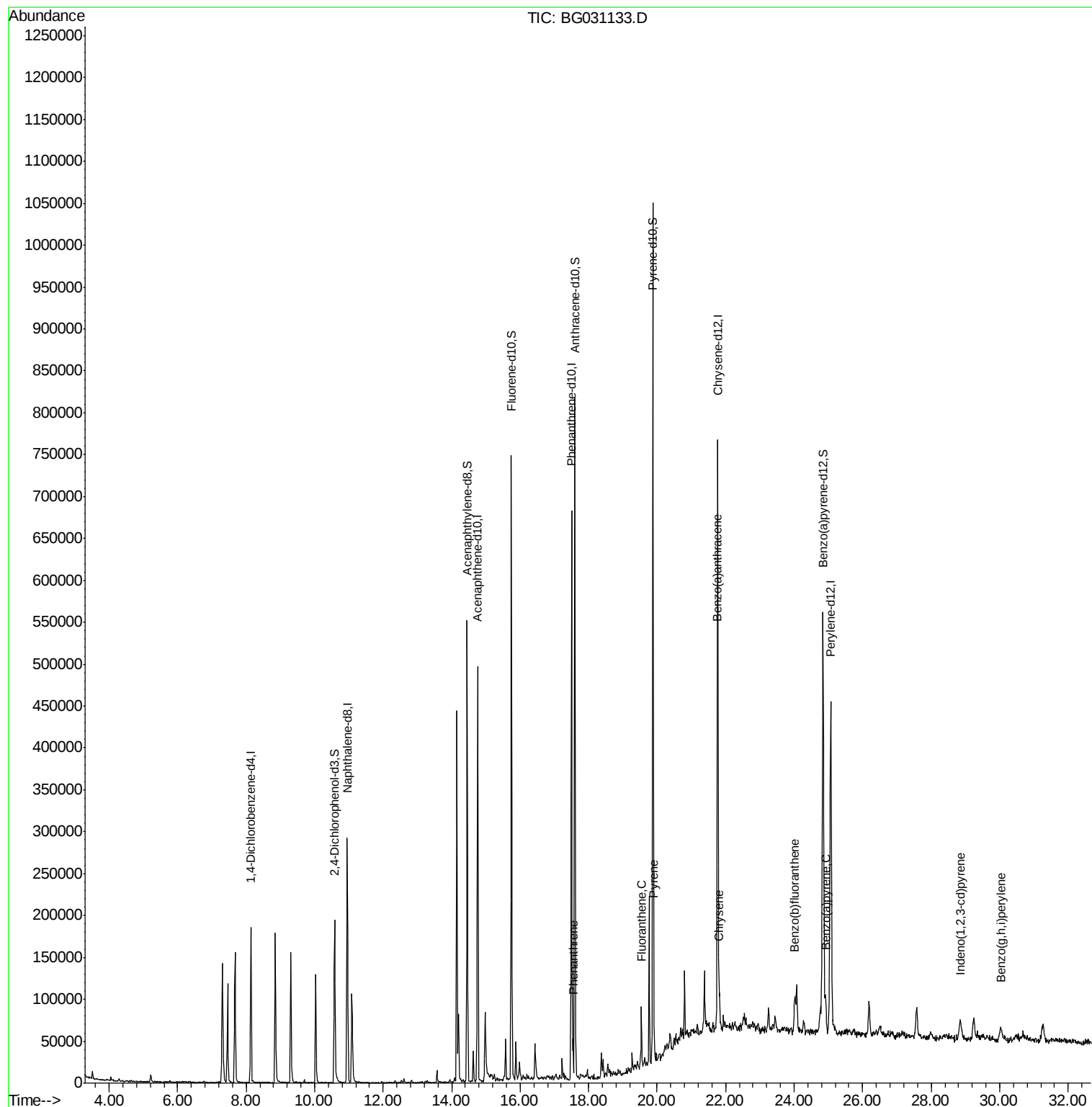
Data Path : Z:\HPCHEM1\BNA G\DATA\BG112017\
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ALS Vial : 9 Sample Multiplier: 1

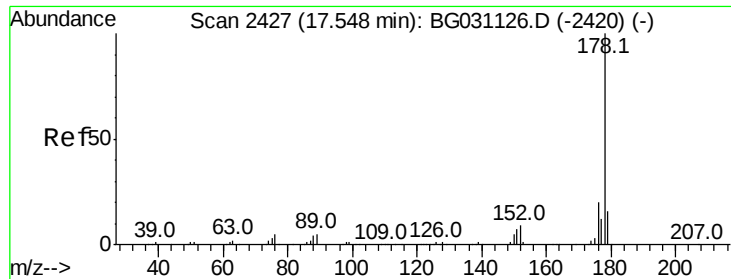
Instrument :
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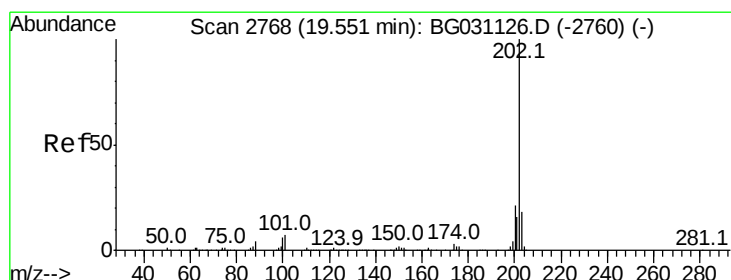
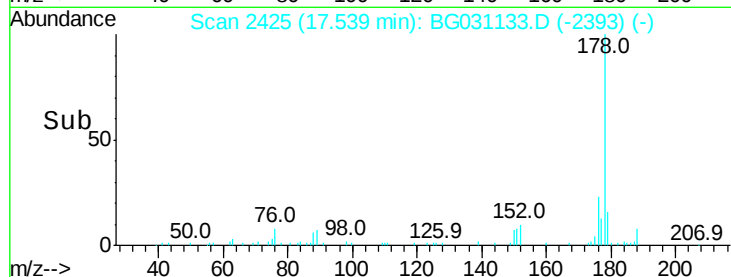
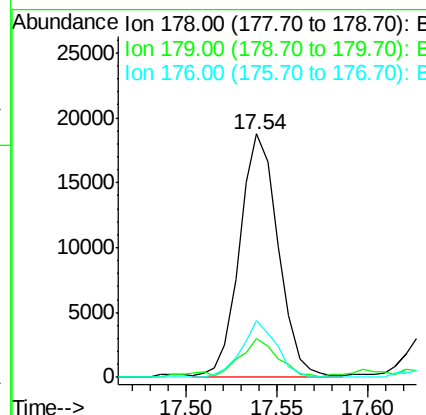
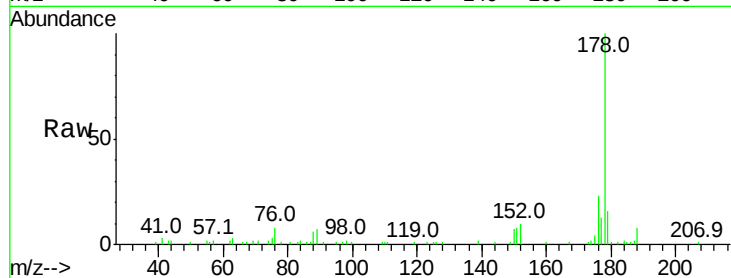
#14
Phenanthrene
Concen: 1.225 ng/ul
RT: 17.54 min Scan# 2425
Delta R.T. -0.01 min
Lab File: BG031133.D
Acq: 20 Nov 2017 16:37

Instrument :
BNA_G
ClientSampled :
B0G24

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.2	18.4
176	23.1	16.4	24.6

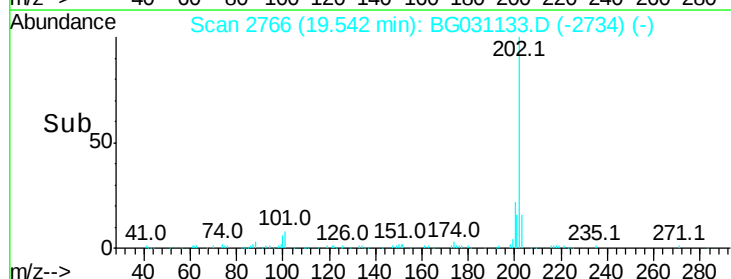
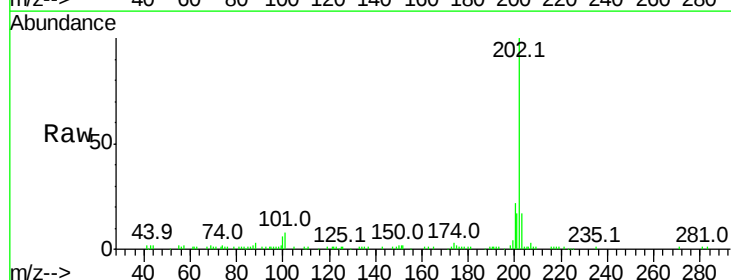
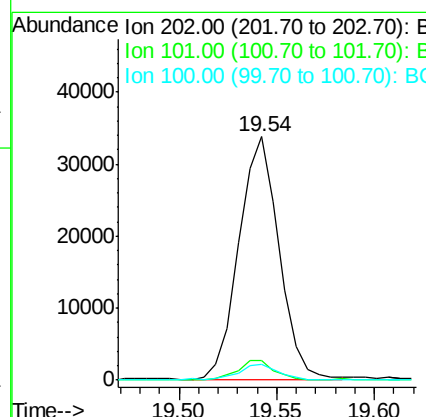
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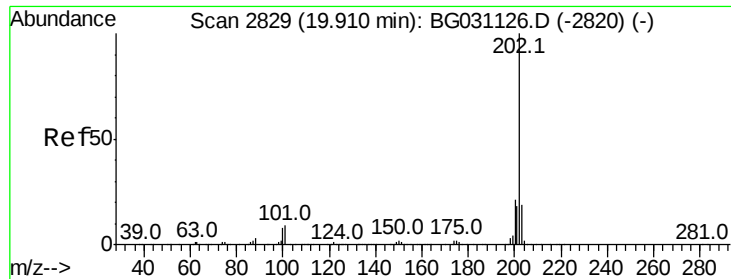
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#17
Fluoranthene
Concen: 1.525 ng/ul
RT: 19.54 min Scan# 2766
Delta R.T. -0.01 min
Lab File: BG031133.D
Acq: 20 Nov 2017 16:37

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.1	9.8	14.8#
100	6.4	7.5	11.3#





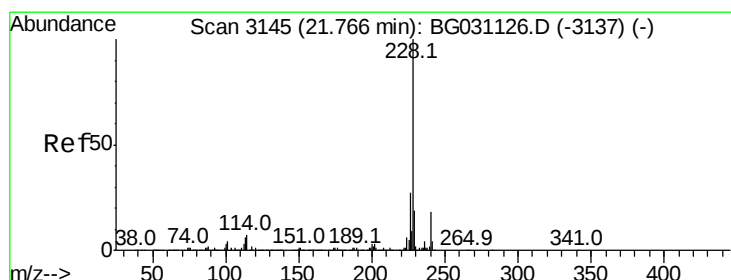
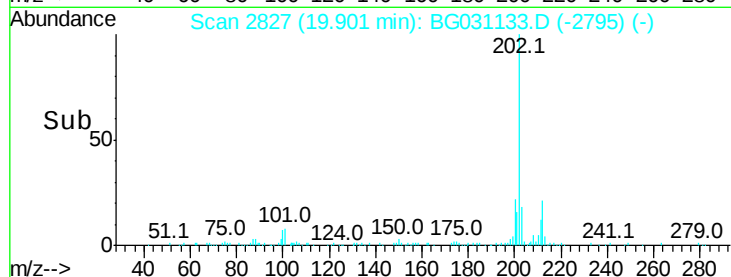
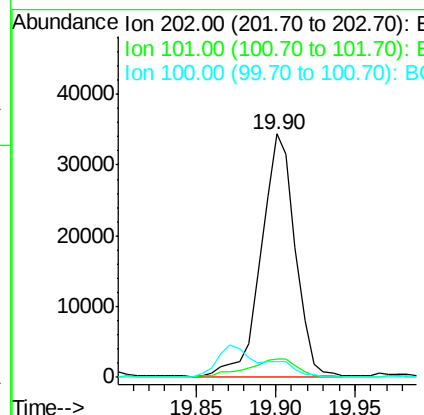
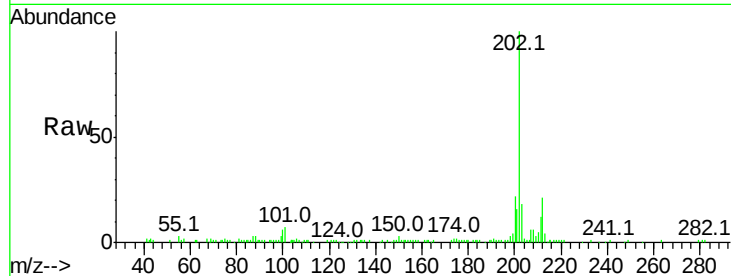
#20
Pvrene
Concen: 2.241 ng/ul
RT: 19.90 min Scan# 2827
Delta R.T. -0.01 min
Lab File: BG031133.D
Acq: 20 Nov 2017 16:37

Instrument :
BNA_G
ClientSampleId :
B0G24

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	7.5	11.2	16.8#
100	6.5	9.8	14.6#

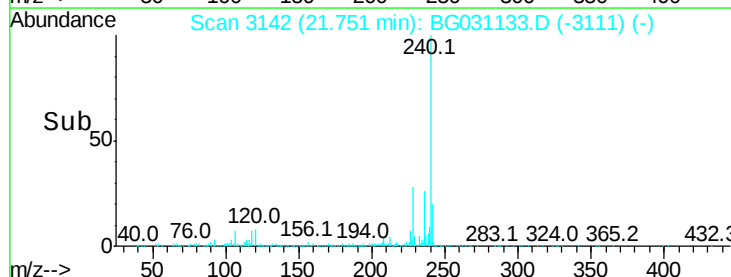
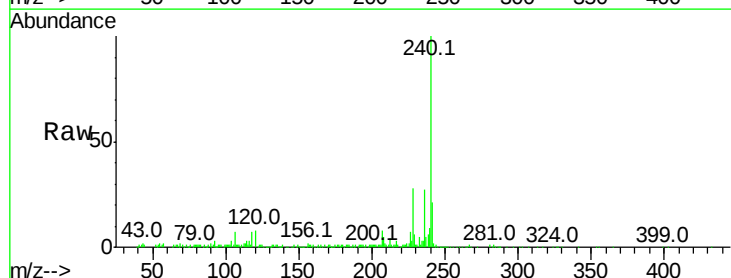
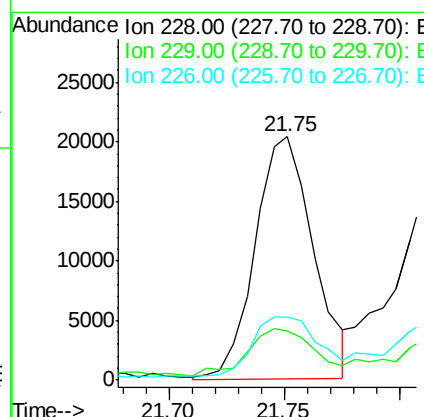
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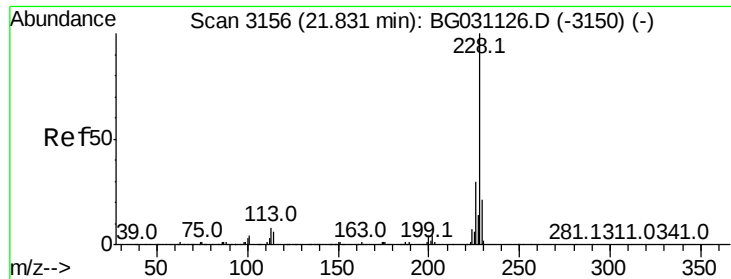
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#21
Benzo(a)anthracene
Concen: 1.346 ng/ul
RT: 21.75 min Scan# 3142
Delta R.T. -0.02 min
Lab File: BG031133.D
Acq: 20 Nov 2017 16:37

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.0	15.9	23.9
226	26.1	22.1	33.1





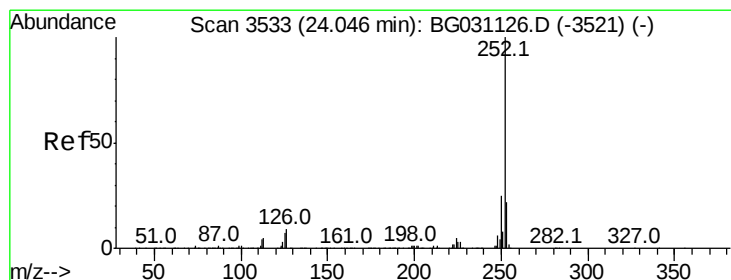
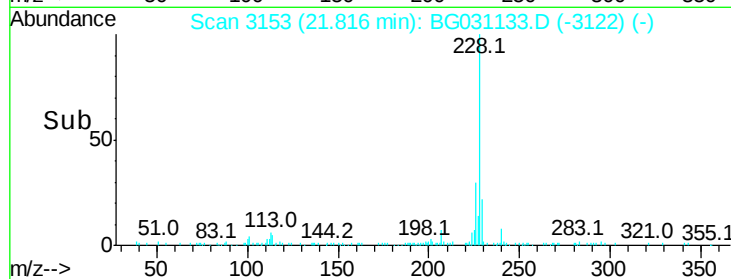
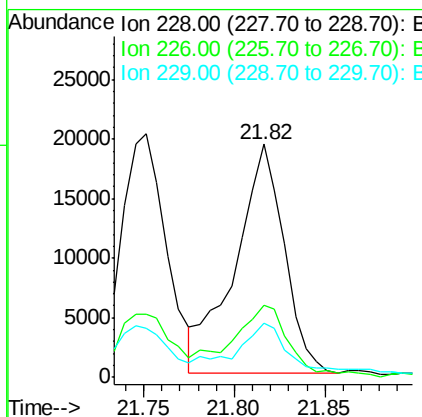
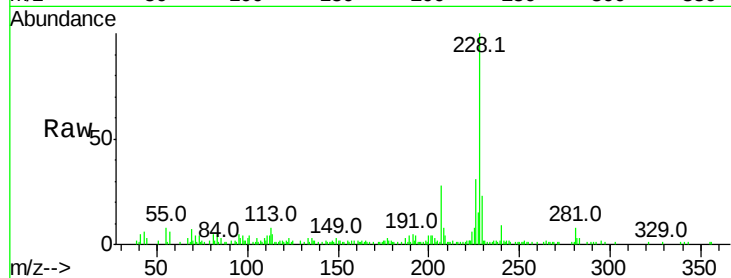
#22
Chrysene
Concen: 1.431 ng/ul
RT: 21.82 min Scan# 3153
Delta R.T. -0.02 min
Lab File: BG031133.D
Acq: 20 Nov 2017 16:37

Instrument :
BNA_G
ClientSampled :
B0G24

Tot Ion:	228	Resp:	36072
Ion Ratio	Lower	Upper	
228	100		
226	30.8	25.0	37.6
229	23.0	16.6	25.0

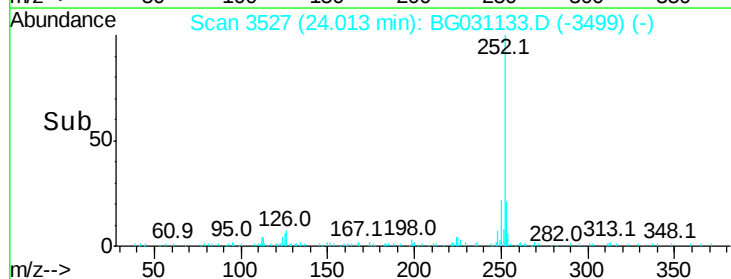
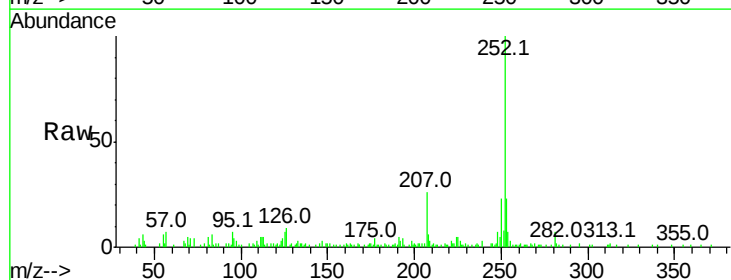
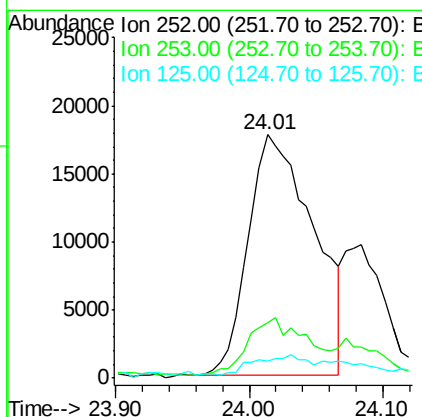
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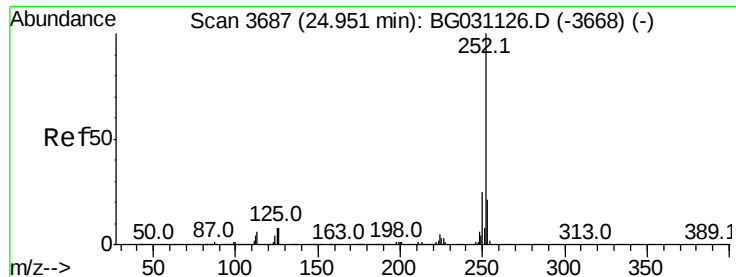
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#24
Benzo(b)fluoranthene
Concen: 2.280 ng/ul
RT: 24.01 min Scan# 3527
Delta R.T. -0.03 min
Lab File: BG031133.D
Acq: 20 Nov 2017 16:37

Tgt Ion:	252	Resp:	60141
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.8	26.6
125	7.2	9.4	14.0#





#27

Benzo(a)pyrene

Concen: 2.003 ng/ul

RT: 24.91 min Scan# 3680

Delta R.T. -0.04 min

Lab File: BG031133.D

Acq: 20 Nov 2017 16:37

Instrument :

BNA_G

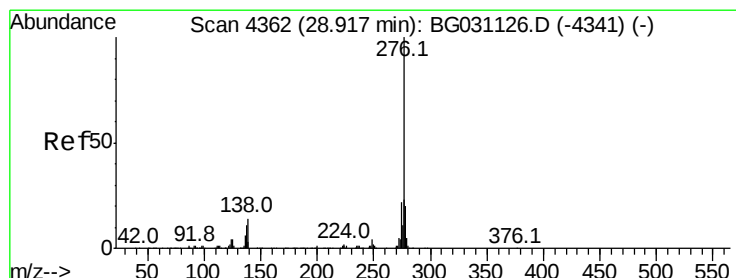
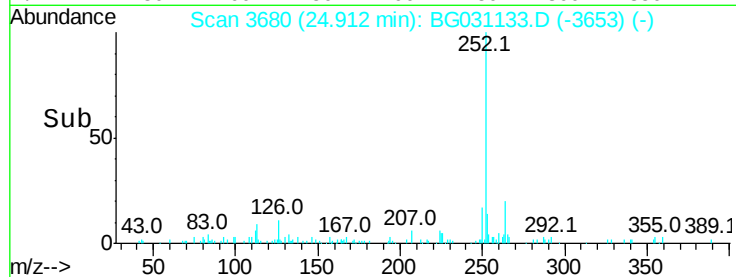
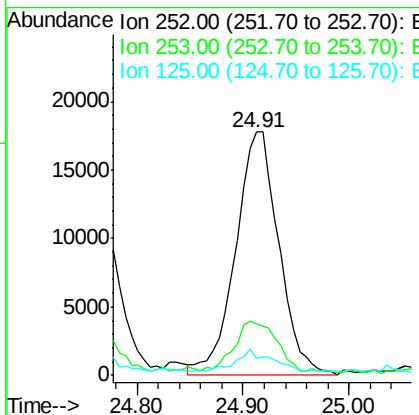
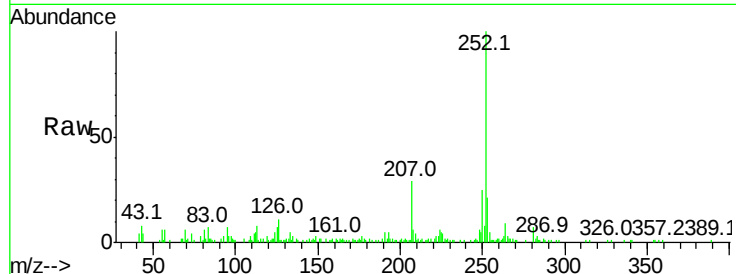
ClientSampleId :

B0G24

Tot Ion:	252	Resp:	50647
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.1	25.7
125	7.2	9.4	14.2#

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#28

Indeno(1,2,3-cd)pyrene

Concen: 1.301 ng/ul m

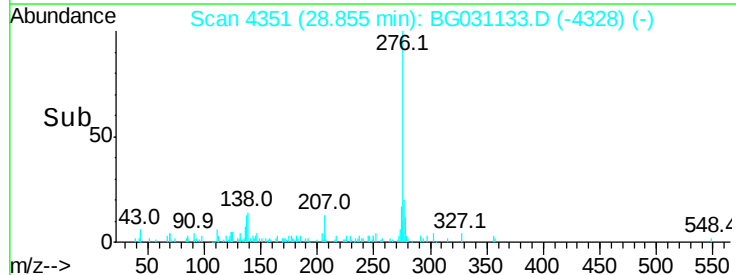
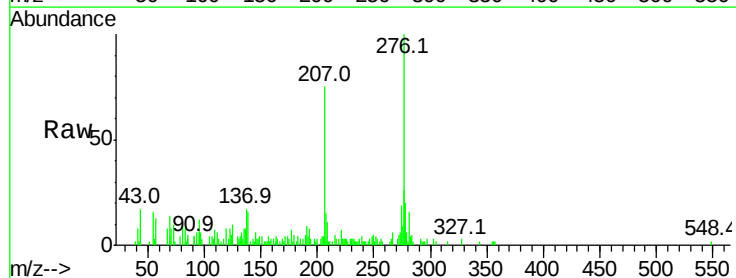
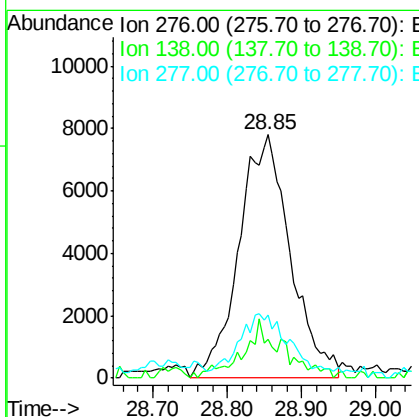
RT: 28.85 min Scan# 4351

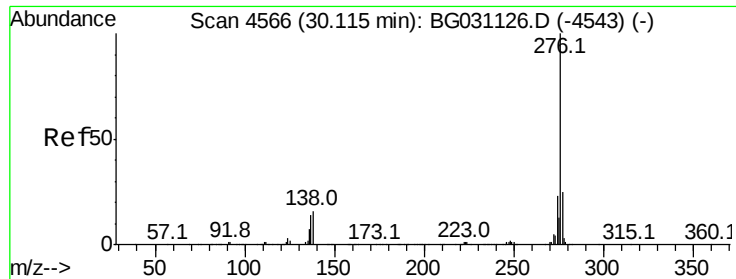
Delta R.T. -0.06 min

Lab File: BG031133.D

Acq: 20 Nov 2017 16:37

Tgt Ion:	276	Resp:	37497
Ion Ratio	Lower	Upper	
276	100		
138	16.0	17.8	26.6#
277	26.2	19.4	29.0





#30

Benzo(a,h,i)perylene

Concen: 1.382 ng/ul m

RT: 30.04 min Scan# 4552

Delta R.T. -0.08 min

Lab File: BG031133.D

Acq: 20 Nov 2017 16:37

Instrument :

BNA_G

ClientSampleId :

B0G24

Tot Ion:	276	Resp:	33169
Ion Ratio	Lower	Upper	
276	100		
138	14.5	19.0	28.4#
277	24.2	19.7	29.5

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