

Data Path : Z:\HPCHEM1\BNA G\DATA\BG053017\
 Data File : BG027203.D
 Acq On : 30 May 2017 11:42
 Operator : SJ/MA
 Sample : I3193-14
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EEXP2

Manual Integrations
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mohammad
 5/31/2017 3:00:51 PM

Quant Time: May 30 18:39:54 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG052717-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 29 03:58:18 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	122975	20.00	ng/ul	0.00
2) Naphthalene-d8	10.76	136	551498	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.58	164	363755	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	747805	20.00	ng/ul	0.00
18) Chrysene-d12	21.56	240	450772	20.00	ng/ul	0.00
23) Perylene-d12	24.69	264	680449	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.39	165	192852	25.11	ng/uL	0.00
7) Acenaphthylene-d8	14.27	160	1140187	31.46	ng/ul	0.00
10) Fluorene-d10	15.56	176	769099	31.00	ng/ul	0.00
15) Anthracene-d10	17.41	188	1081644	29.97	ng/ul	0.00
19) Pyrene-d10	19.69	212	1028903	41.54	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.47	264	961635	34.21	ng/ul	0.00
Target Compounds				Qvalue		
14) Phenanthrene	17.35	178	456939	11.12	ng/ul	99
17) Fluoranthene	19.36	202	925705	22.89	ng/ul#	91
20) Pyrene	19.72	202	694014m	22.53	ng/ul	
21) Benzo(a)anthracene	21.53	228	105069	3.99	ng/ul	98
22) Chrysene	21.60	228	239097	10.03	ng/ul	95
24) Benzo(b)fluoranthene	23.69	252	470653	12.98	ng/ul#	96
25) Benzo(k)fluoranthene	23.75	252	174612m	4.98	ng/ul	
27) Benzo(a)pyrene	24.53	252	267867	7.81	ng/ul#	95
28) Indeno(1,2,3-cd)pyrene	28.24	276	270748	5.99	ng/ul#	90
29) Dibenzo(a,h)anthracene	28.28	278	51066m	1.35	ng/ul	
30) Benzo(g,h,i)perylene	29.36	276	271160	7.53	ng/ul#	92

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

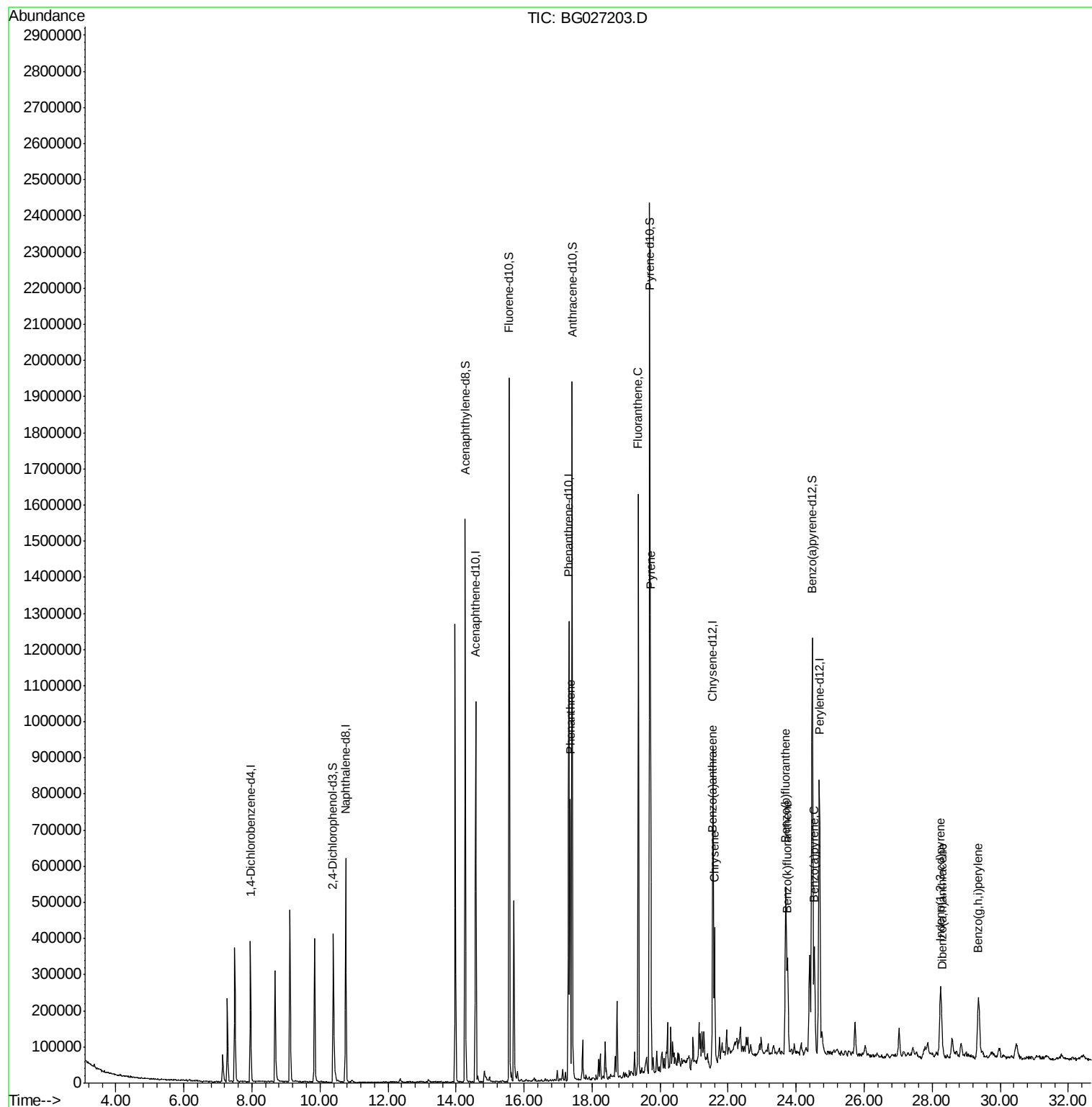
Data Path : Z:\HPCHEM1\BNA G\DATA\BG053017\
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Operator : SJ/MA
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Misc :
ALS Vial : 5 Sample Multiplier: 1

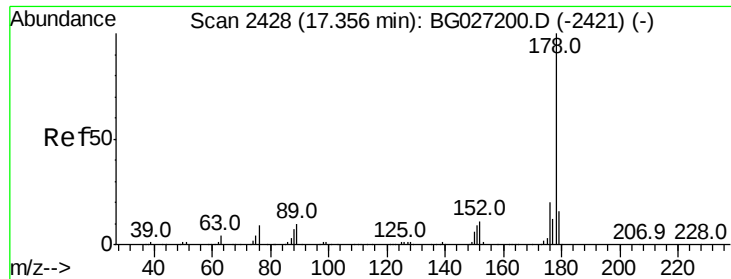
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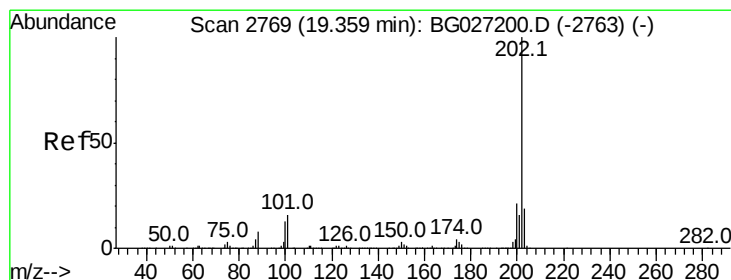
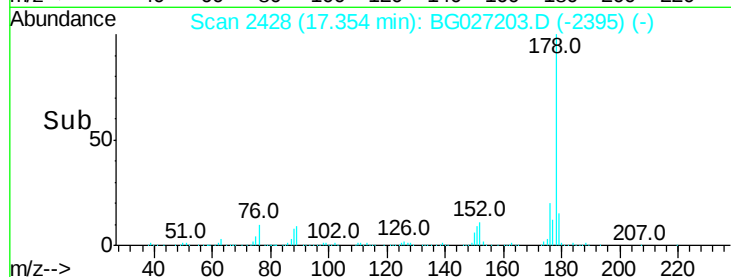
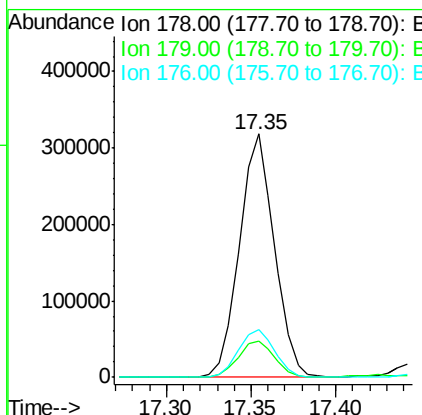
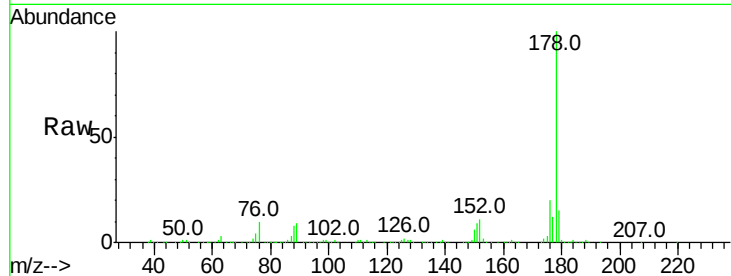
#14
Phenanthrene
Concen: 11.12 ng/ul
RT: 17.35 min Scan# 2428
Delta R.T. -0.01 min
Lab File: BG027203.D
Acq: 30 May 2017 11:42

Instrument :
BNA_G
ClientSampleId :
ESXP2

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.2	18.4
176	19.6	16.4	24.6

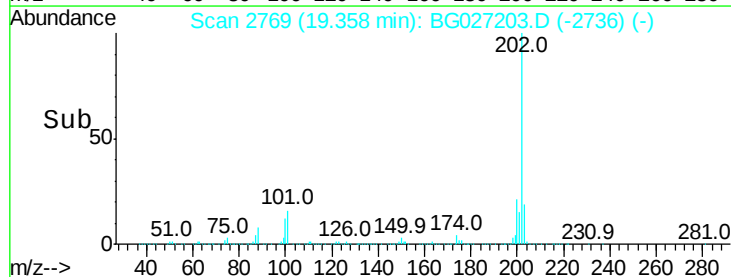
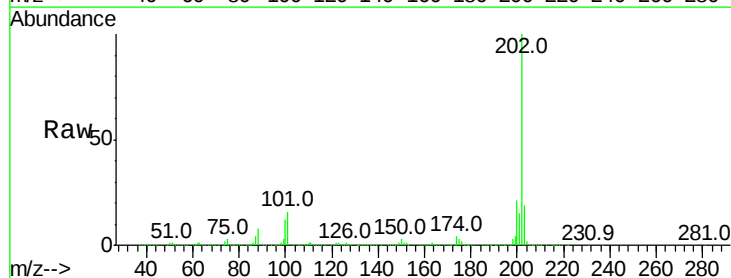
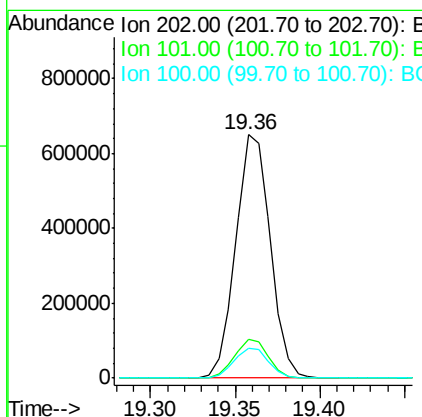
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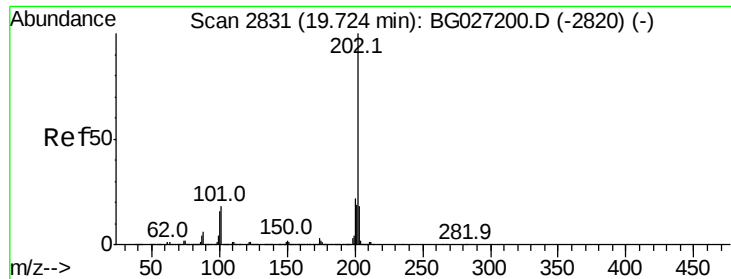
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#17
Fluoranthene
Concen: 22.89 ng/ul
RT: 19.36 min Scan# 2769
Delta R.T. -0.01 min
Lab File: BG027203.D
Acq: 30 May 2017 11:42

Tgt Ion	Ratio	Lower	Upper
202	100		
101	16.0	9.8	14.8#
100	12.5	7.5	11.3#





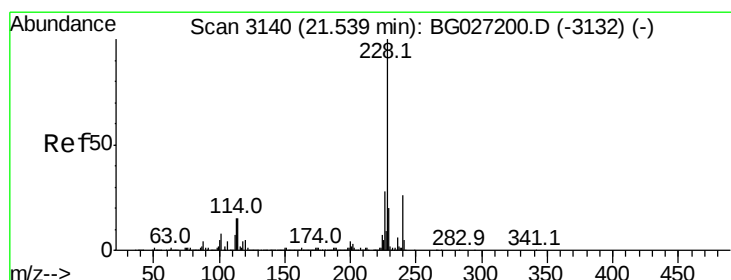
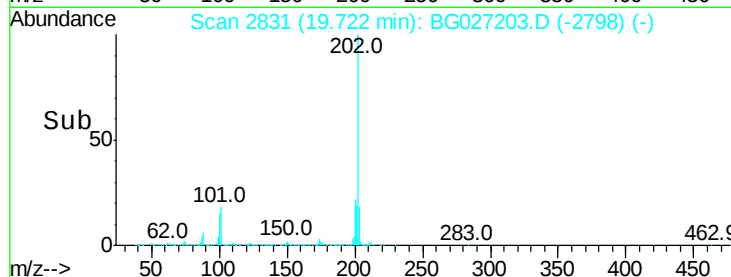
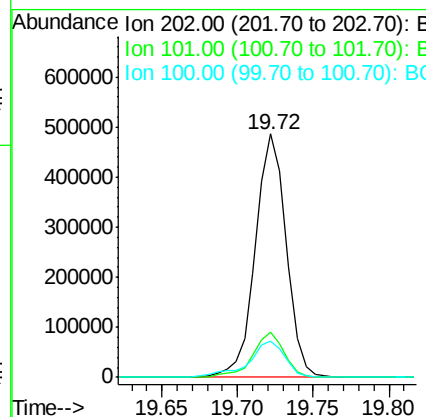
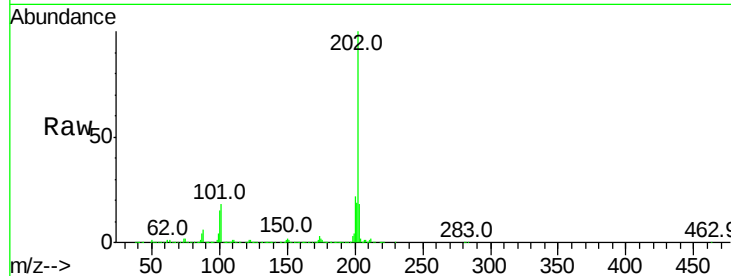
#20
Pvrene
Concen: 22.53 ng/ul m
RT: 19.72 min Scan# 2831
Delta R.T. -0.01 min
Lab File: BG027203.D
Acq: 30 May 2017 11:42

Instrument :
BNA_G
ClientSampleId :
ESXP2

Tot Ion	Ratio	Resp	Lower	Upper
202	100	694014		
101	18.3		11.2	16.8#
100	15.0		9.8	14.6#

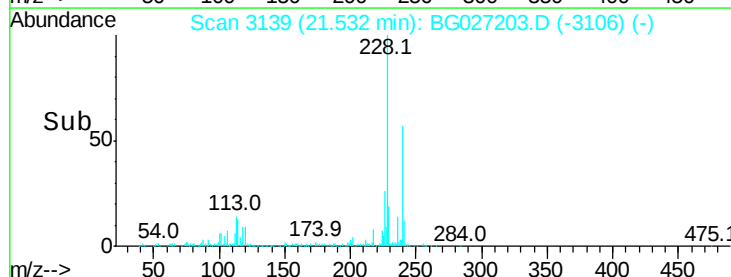
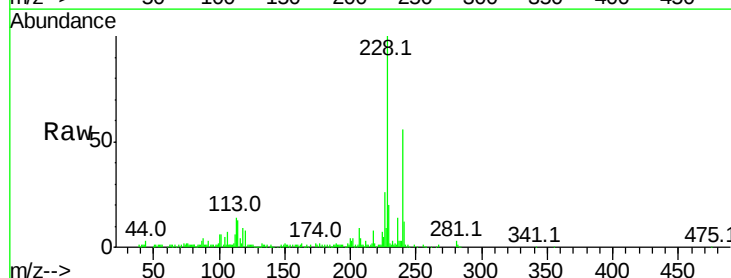
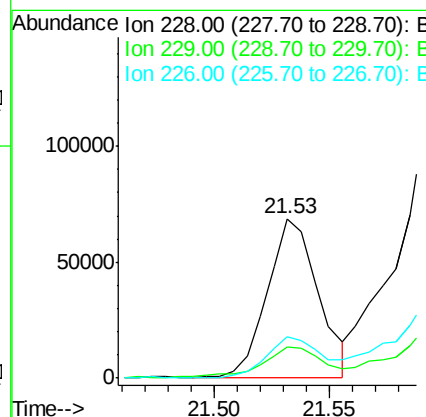
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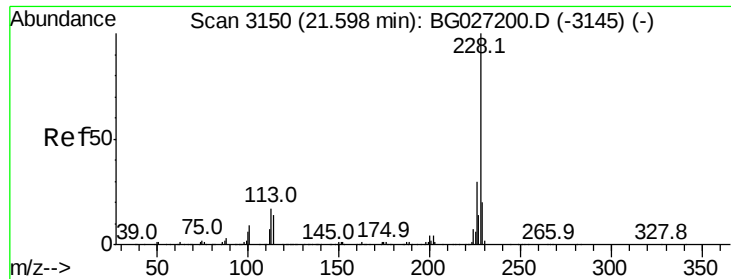
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#21
Benzo(a)anthracene
Concen: 3.99 ng/ul
RT: 21.53 min Scan# 3139
Delta R.T. -0.01 min
Lab File: BG027203.D
Acq: 30 May 2017 11:42

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	105069		
229	19.6		15.9	23.9
226	26.2		22.1	33.1





#22

Chrysene

Concen: 10.03 ng/ul

RT: 21.60 min Scan# 3150

Delta R.T. -0.01 min

Lab File: BG027203.D

Acq: 30 May 2017 11:42

Instrument :

BNA_G

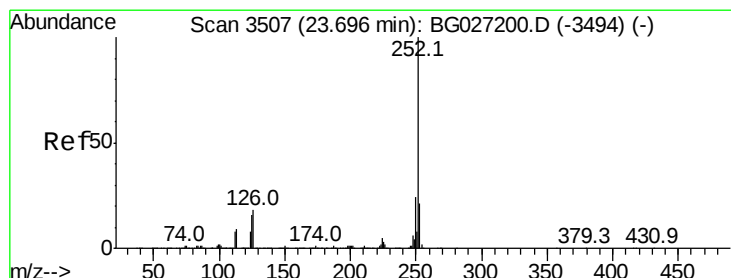
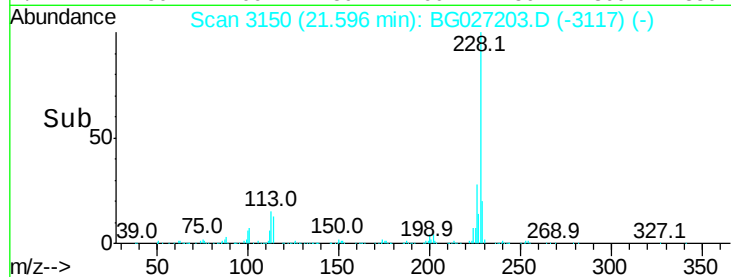
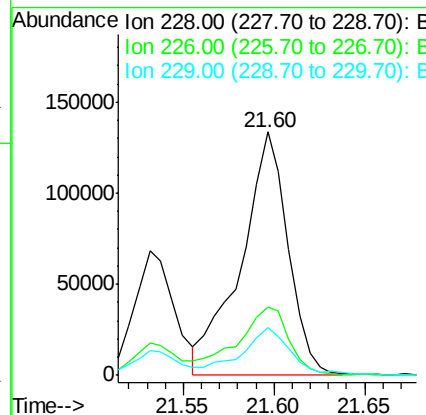
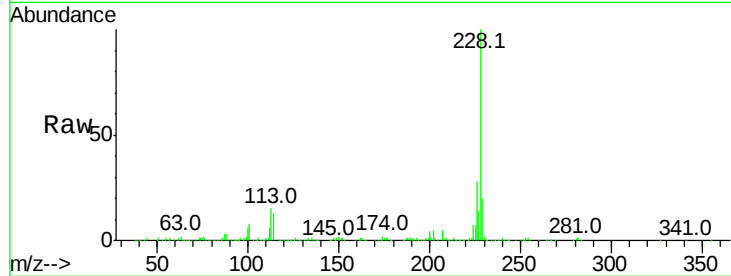
ClientSampleId :

ESXP2

Tot Ion:	228	Resp:	239097
Ion Ratio	Lower	Upper	
228	100		
226	27.8	25.0	37.6
229	19.8	16.6	25.0

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#24

Benzo(b)fluoranthene

Concen: 12.98 ng/ul

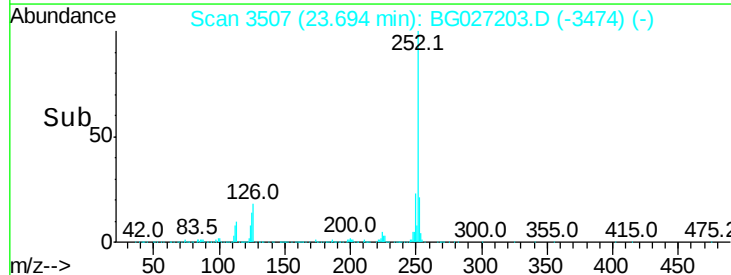
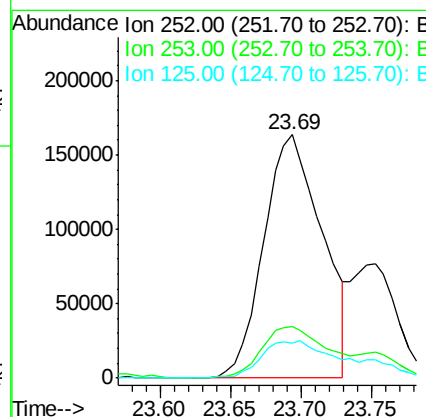
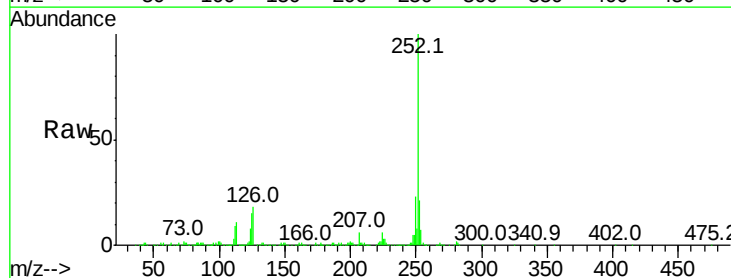
RT: 23.69 min Scan# 3507

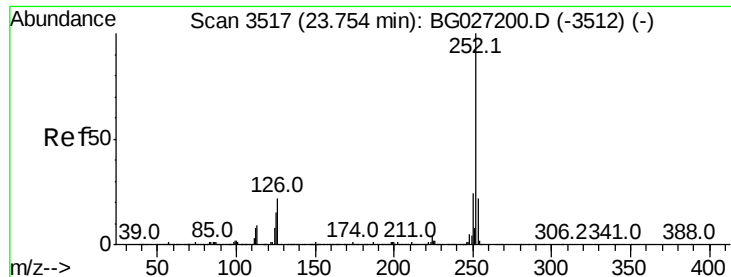
Delta R.T. -0.01 min

Lab File: BG027203.D

Acq: 30 May 2017 11:42

Tgt Ion:	252	Resp:	470653
Ion Ratio	Lower	Upper	
252	100		
253	21.0	17.8	26.6
125	14.6	9.4	14.0#





#25

Benzo(k)fluoranthene

Concen: 4.98 ng/ul m

RT: 23.75 min Scan# 3517

Delta R.T. -0.01 min

Lab File: BG027203.D

Acq: 30 May 2017 11:42

Instrument :

BNA_G

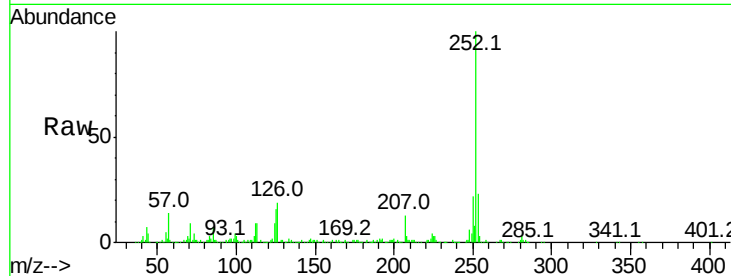
ClientSampled :

ESXP2

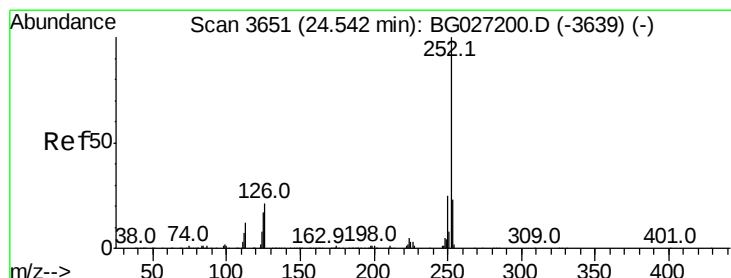
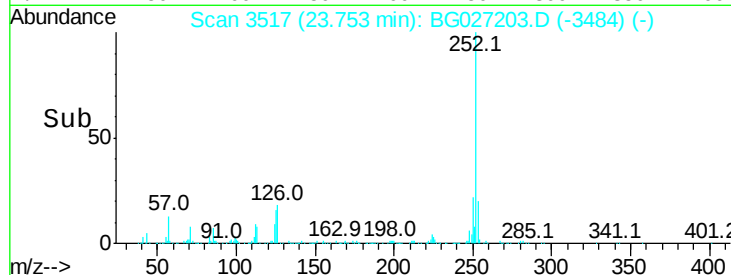
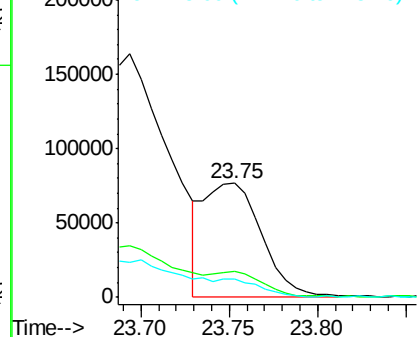
Tot Ion:	252	Resp:	174612
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.4	26.2
125	16.2	8.8	13.2#

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#27

Benzo(a)pyrene

Concen: 7.81 ng/ul

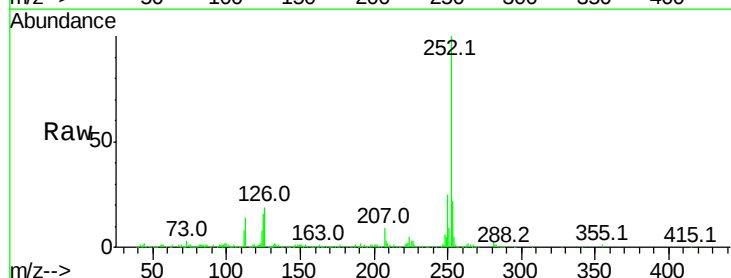
RT: 24.53 min Scan# 3650

Delta R.T. -0.01 min

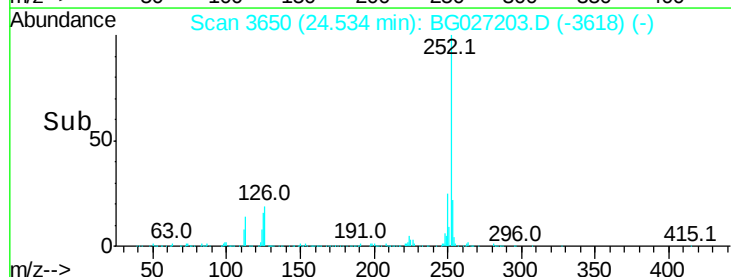
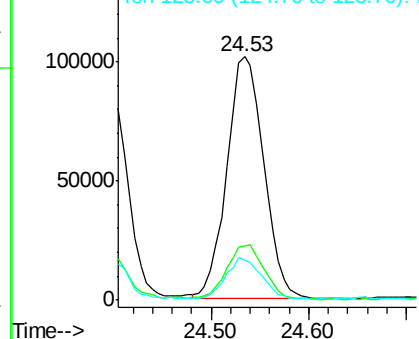
Lab File: BG027203.D

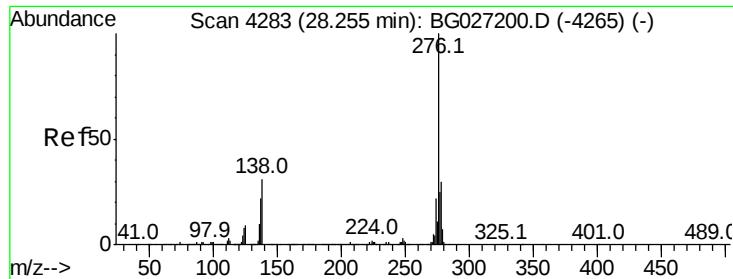
Acq: 30 May 2017 11:42

Tgt Ion:	252	Resp:	267867
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.1	25.7
125	16.4	9.4	14.2#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#28

Indeno(1,2,3-cd)pyrene

Concen: 5.99 ng/ul

RT: 28.24 min Scan# 4281

Delta R.T. -0.02 min

Lab File: BG027203.D

Acq: 30 May 2017 11:42

Instrument :

BNA_G

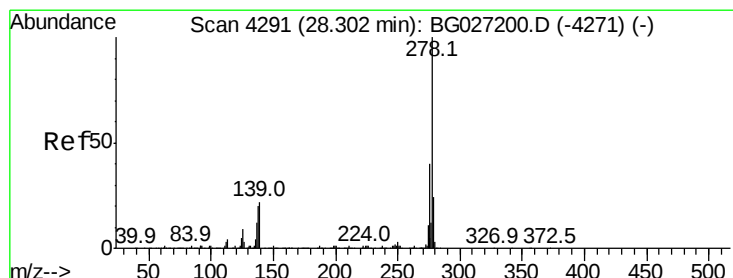
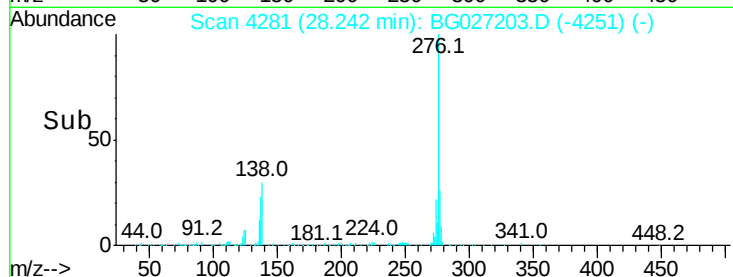
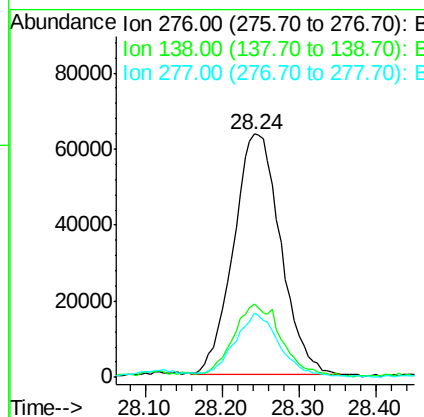
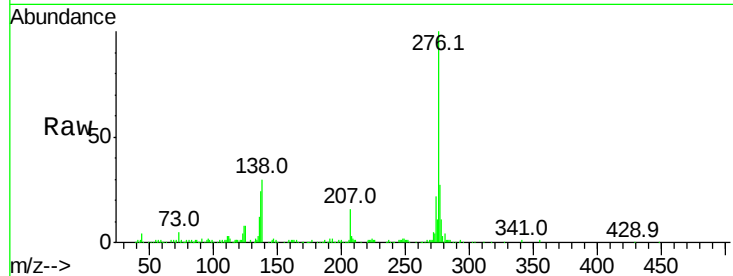
ClientSampleId :

ESXP2

Tot Ion:	276	Resp:	270748
Ion Ratio	Lower	Upper	
276	100		
138	30.1	17.8	26.6#
277	26.6	19.4	29.0

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#29

Dibenzo(a,h)anthracene

Concen: 1.35 ng/ul m

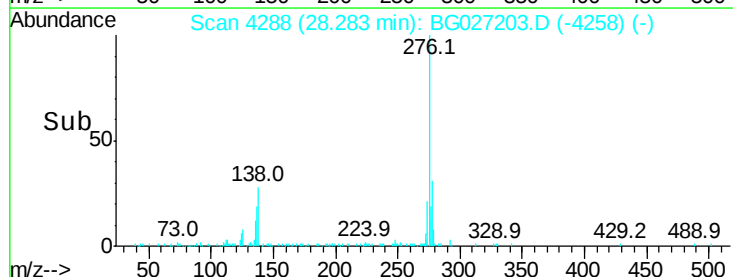
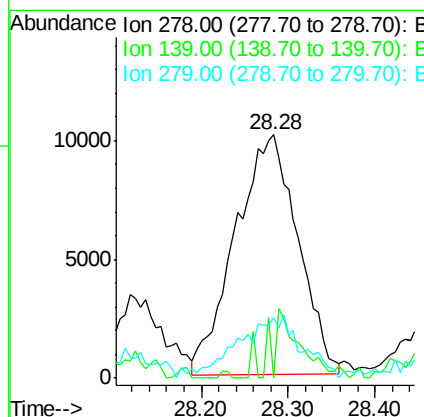
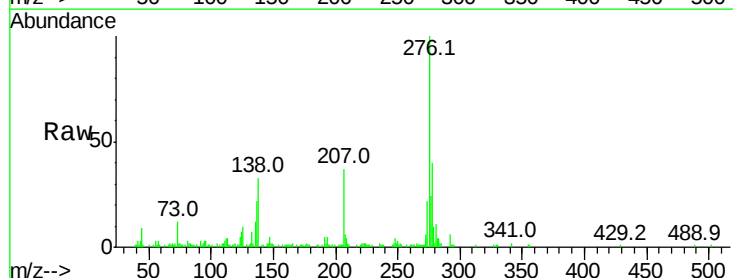
RT: 28.28 min Scan# 4288

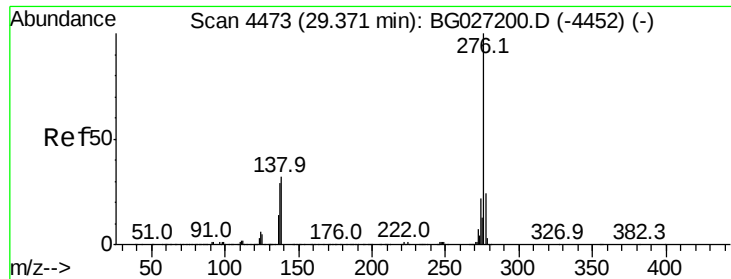
Delta R.T. -0.02 min

Lab File: BG027203.D

Acq: 30 May 2017 11:42

Tgt Ion:	278	Resp:	51066
Ion Ratio	Lower	Upper	
278	100		
139	0.0	14.0	21.0#
279	24.7	20.6	31.0





#30
 Benzo(a,h,i)perylene
 Concen: 7.53 ng/ul
 RT: 29.36 min Scan# 4471
 Delta R.T. -0.02 min
 Lab File: BG027203.D
 Acq: 30 May 2017 11:42

Instrument :
 BNA_G
 ClientSampleId :
 ESXP2

Tot Ion	Ratio	Lower	Upper
276	100		
138	30.8	19.0	28.4#
277	24.1	19.7	29.5

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