

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031317\
 Data File : BG026220.D
 Acq On : 13 Mar 2017 20:28
 Operator : SJ/MA
 Sample : I2217-19
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB2Z0

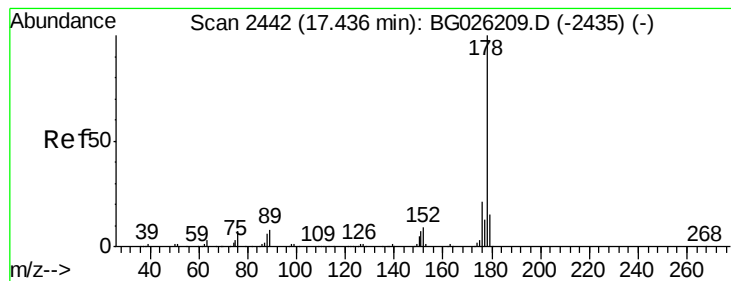
Manual Integrations
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 3/16/2017 10:52:25 AM

Quant Time: Mar 15 17:45:08 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG030317-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 15 17:21:10 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	77806	20.00	ng/ul	-0.02
2) Naphthalene-d8	10.85	136	378760	20.00	ng/ul	-0.02
6) Acenaphthene-d10	14.66	164	234345	20.00	ng/ul	-0.01
12) Phenanthrene-d10	17.39	188	563770	20.00	ng/ul	-0.01
18) Chrysene-d12	21.63	240	575479	20.00	ng/ul	-0.02
23) Perylene-d12	24.82	264	549645	20.00	ng/ul	-0.03
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.47	165	95212	16.97	ng/uL	-0.01
7) Acenaphthylene-d8	14.35	160	560253	28.04	ng/ul	-0.01
10) Fluorene-d10	15.65	176	409744	28.11	ng/ul	-0.01
15) Anthracene-d10	17.49	188	615194	24.55	ng/ul	-0.02
19) Pyrene-d10	19.77	212	662934	22.58	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.60	264	610174	25.74	ng/ul	-0.02
Target Compounds				Qvalue		
14) Phenanthrene	17.43	178	58868	1.97	ng/ul	97
17) Fluoranthene	19.43	202	130679	4.21	ng/ul	97
20) Pyrene	19.80	202	129329	3.53	ng/ul	97
21) Benzo(a)anthracene	21.62	228	77420	2.42	ng/ul	99
22) Chrysene	21.68	228	72057	2.41	ng/ul	97
24) Benzo(b)fluoranthene	23.81	252	103314	3.31	ng/ul	100
25) Benzo(k)fluoranthene	23.86	252	36299m	1.22	ng/ul	
27) Benzo(a)pyrene	24.67	252	60013	2.07	ng/ul	98
28) Indeno(1,2,3-cd)pyrene	28.44	276	49090m	1.53	ng/ul	
30) Benzo(g,h,i)perylene	29.55	276	47818m	1.74	ng/ul	

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



#14

Phenanthrene

Concen: 1.97 ng/ul

RT: 17.43 min Scan# 2441

Delta R.T. -0.01 min

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BNA_G

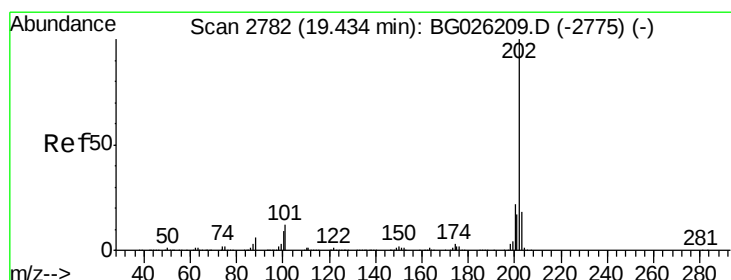
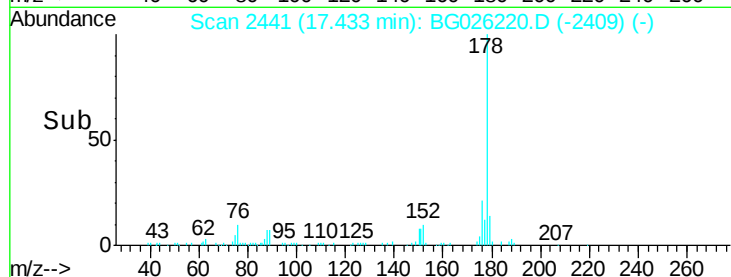
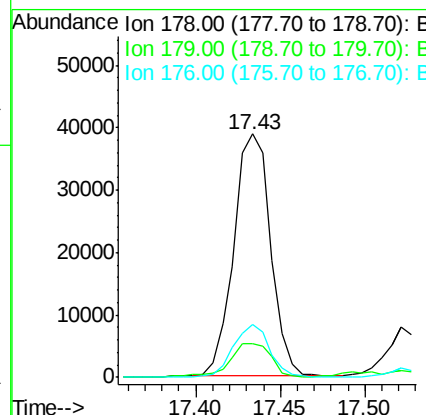
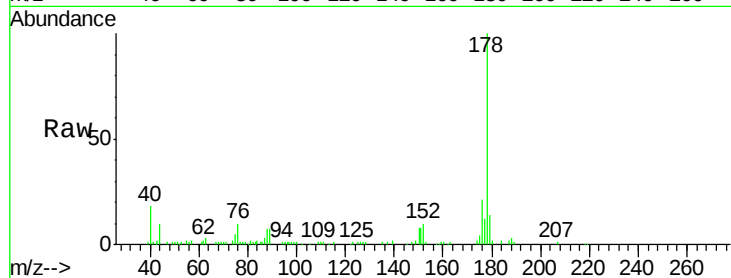
ClientSampled :

CB2Z0

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	58868		
179	13.7	12.2	18.4	
176	21.5	16.4	24.6	

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#17

Fluoranthene

Concen: 4.21 ng/ul

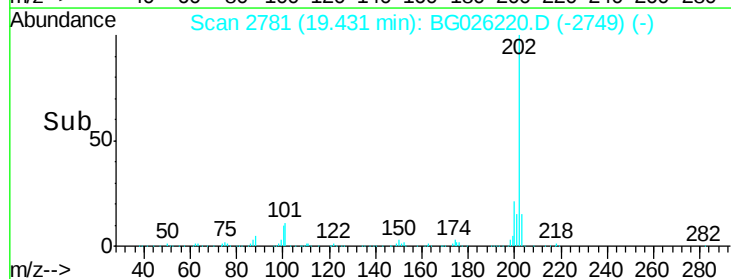
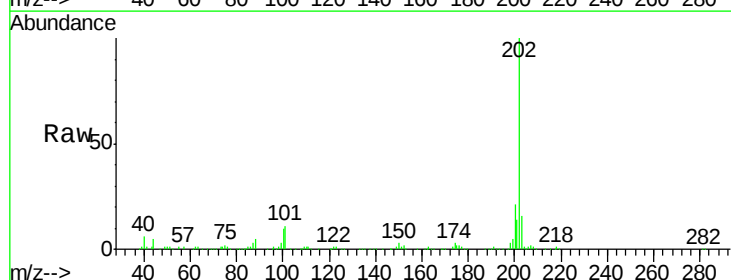
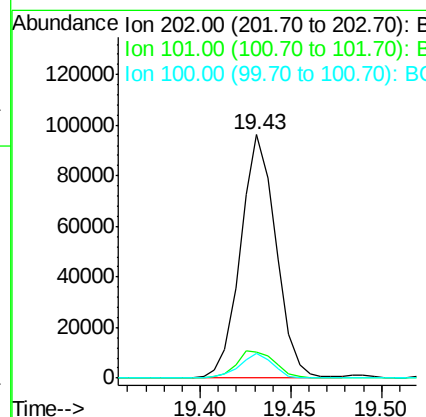
RT: 19.43 min Scan# 2781

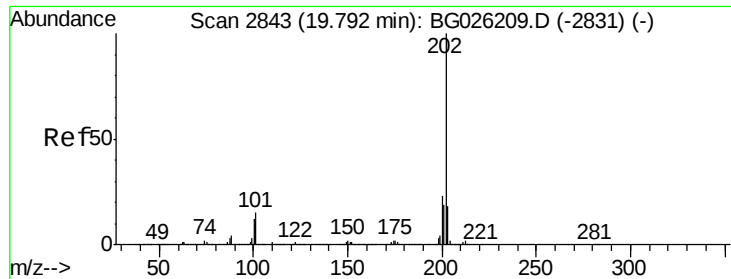
Delta R.T. -0.01 min

Lab File: BG026220.D

Acq: 13 Mar 2017 20:28

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	130679		
101	10.7	9.8	14.8	
100	10.4	7.5	11.3	





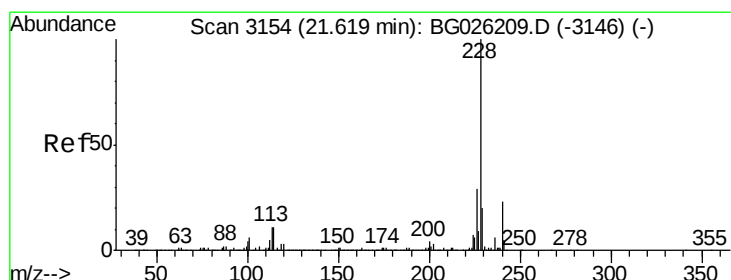
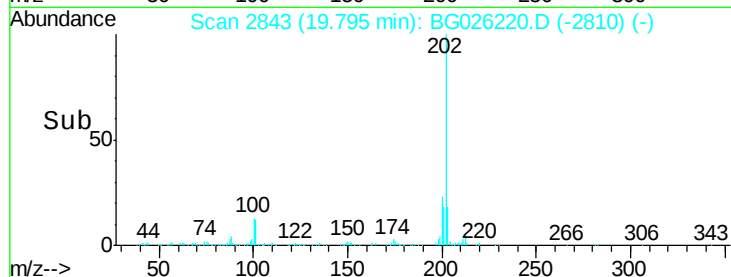
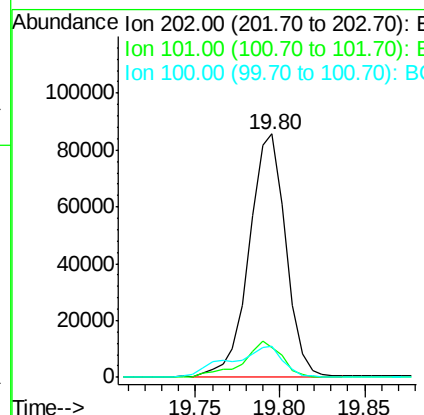
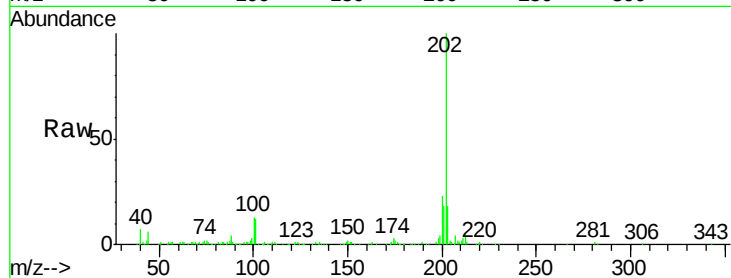
#20
Pyrene
Concen: 3.53 ng/ul
RT: 19.80 min Scan# 2843
Delta R.T. -0.01 min
Lab File: BG026220.D
Acq: 13 Mar 2017 20:28

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.3	11.2	16.8
100	12.9	9.8	14.6

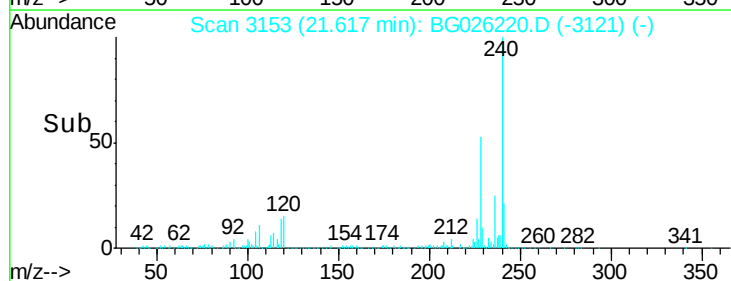
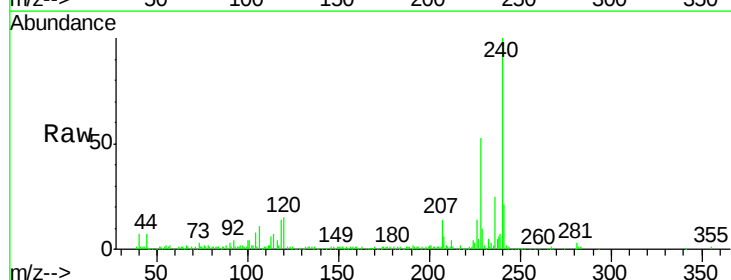
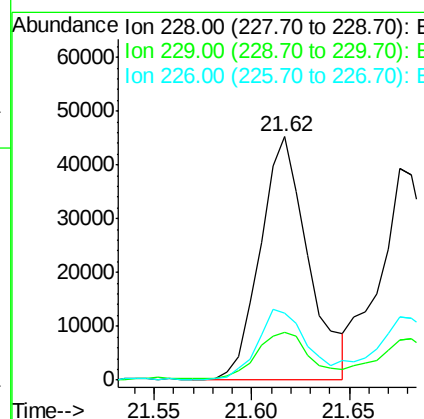
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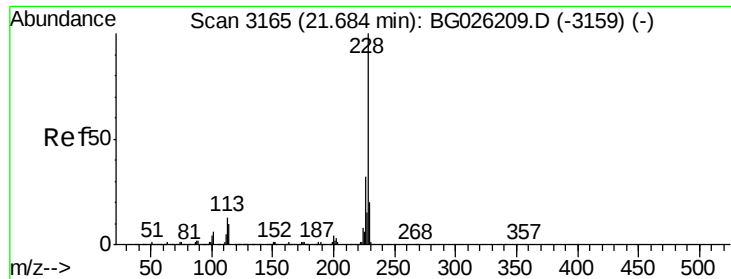
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#21
Benzo(a)anthracene
Concen: 2.42 ng/ul
RT: 21.62 min Scan# 3153
Delta R.T. -0.01 min
Lab File: BG026220.D
Acq: 13 Mar 2017 20:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	19.6	15.9	23.9
226	27.2	22.1	33.1





#22

Chrysene

Concen: 2.41 ng/ul

RT: 21.68 min Scan# 3163

Delta R.T. -0.02 min

Lab File: BG026220.D

Acq: 13 Mar 2017 20:28

Instrument :

BNA_G

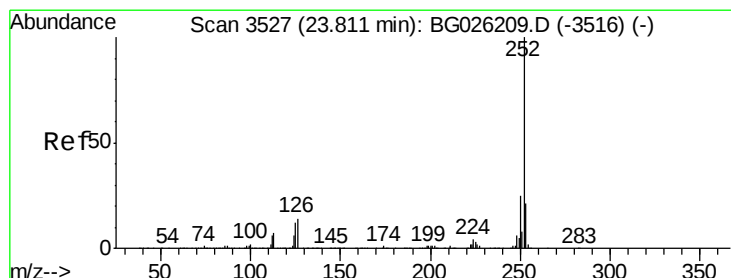
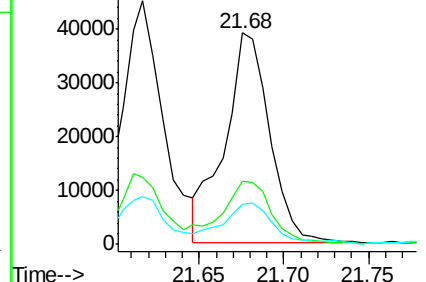
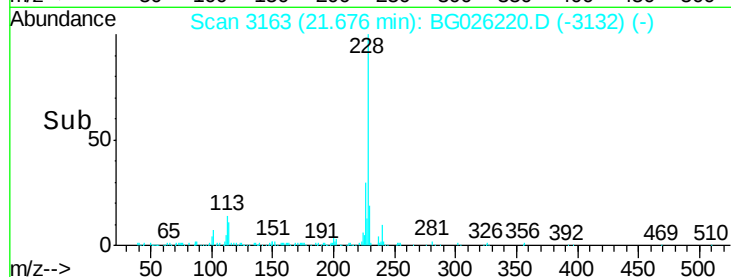
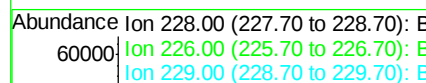
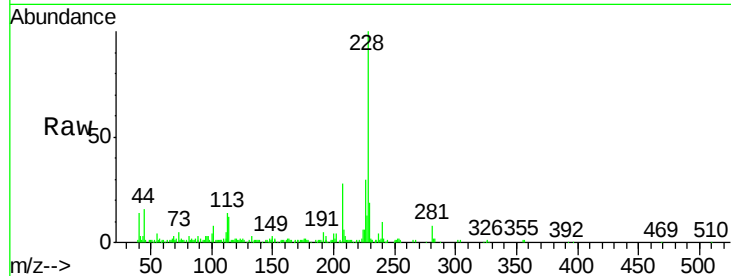
ClientSampleId :

CB2Z0

Tgt Ion:	228	Resp:	72057
Ion Ratio	Lower	Upper	
228	100		
226	29.7	25.0	37.6
229	19.3	16.6	25.0

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#24

Benzo(b)fluoranthene

Concen: 3.31 ng/ul

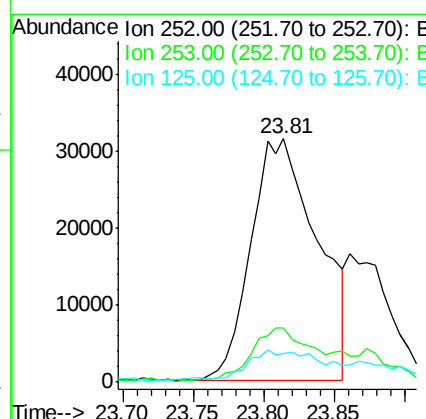
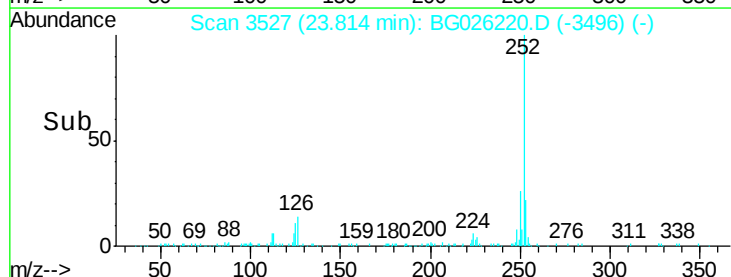
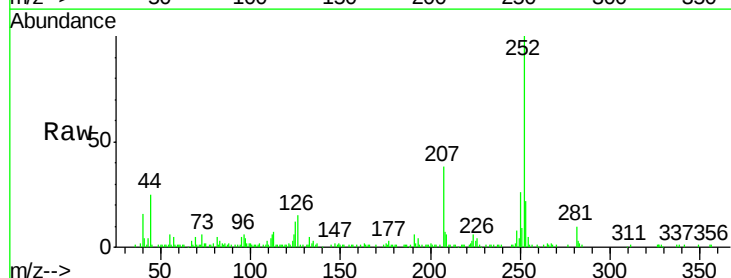
RT: 23.81 min Scan# 3527

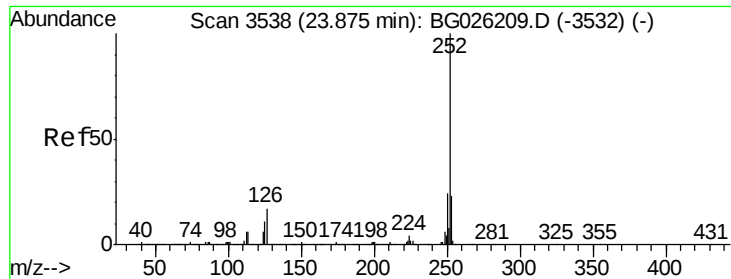
Delta R.T. -0.02 min

Lab File: BG026220.D

Acq: 13 Mar 2017 20:28

Tgt Ion:	252	Resp:	103314
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.8	26.6
125	12.0	9.4	14.0





#25

Benzo(k)fluoranthene

Concen: 1.22 ng/ul m

RT: 23.86 min Scan# 3535

Delta R.T. -0.04 min

Lab File: BG026220.D

Acq: 13 Mar 2017 20:28

Instrument :

BNA_G

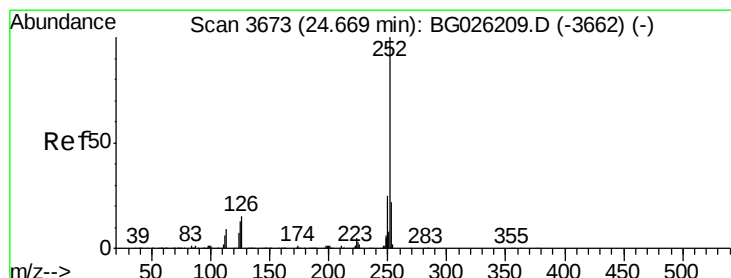
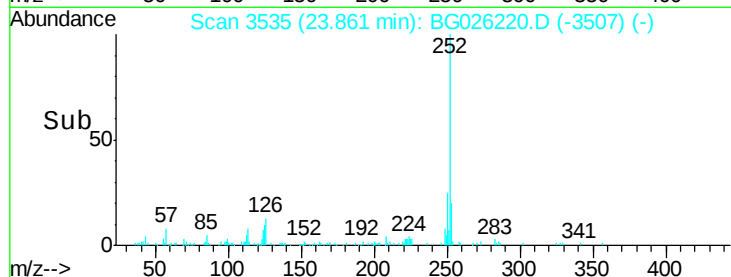
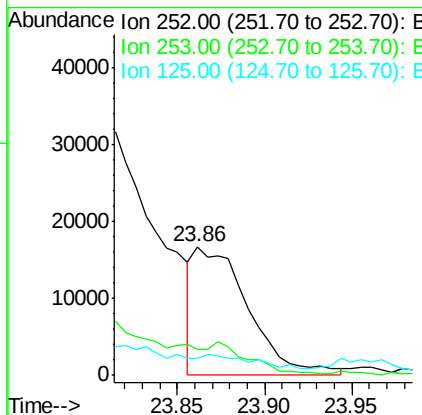
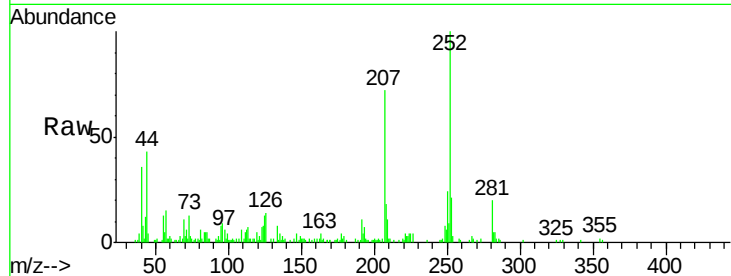
ClientSampleId :

CB2Z0

Tgt Ion:	252	Resp:	36299
Ion Ratio	Lower	Upper	
252	100		
253	20.5	17.4	26.2
125	12.9	8.8	13.2

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#27

Benzo(a)pyrene

Concen: 2.07 ng/ul

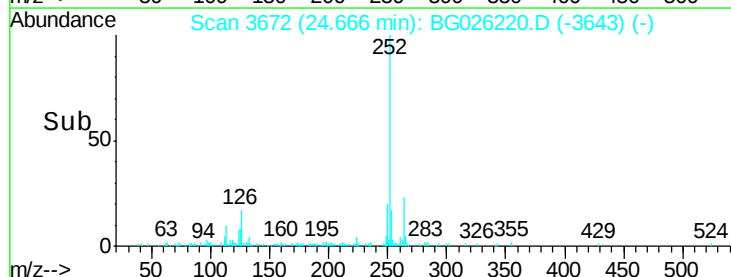
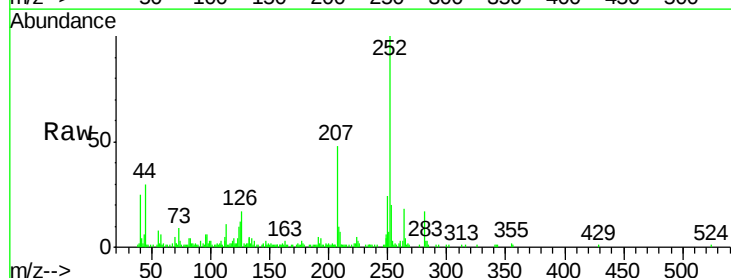
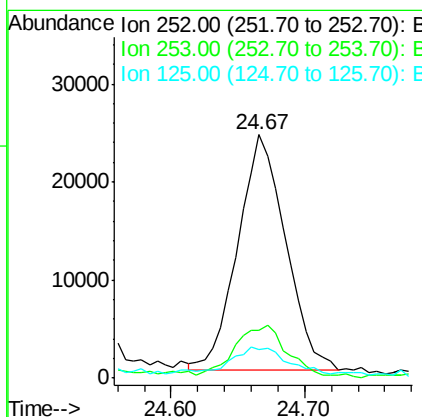
RT: 24.67 min Scan# 3672

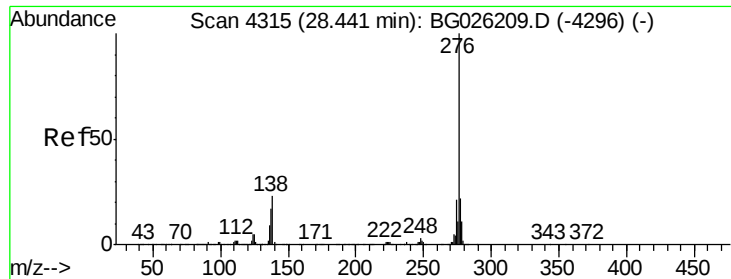
Delta R.T. -0.03 min

Lab File: BG026220.D

Acq: 13 Mar 2017 20:28

Tgt Ion:	252	Resp:	60013
Ion Ratio	Lower	Upper	
252	100		
253	19.7	17.1	25.7
125	11.8	9.4	14.2





#28

Indeno(1,2,3-cd)pyrene

Concen: 1.53 ng/ul m

RT: 28.44 min Scan# 4315

Delta R.T. -0.04 min

Lab File: BG026220.D

Acq: 13 Mar 2017 20:28

Instrument :

BNA_G

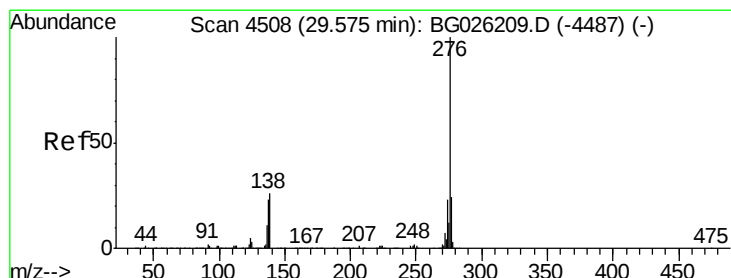
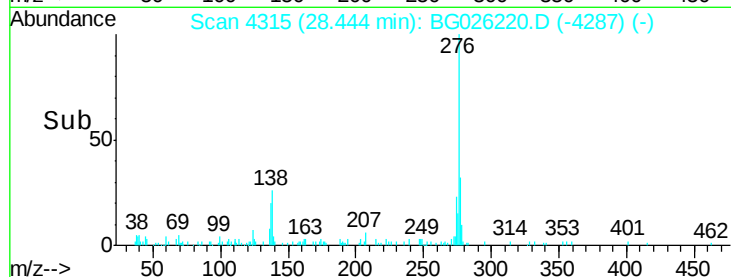
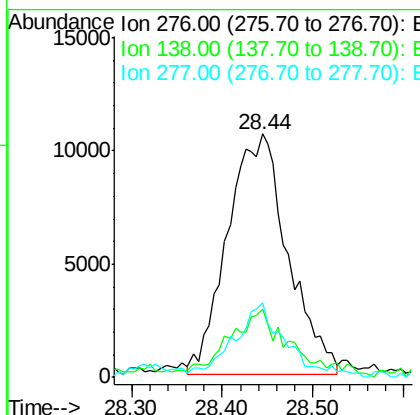
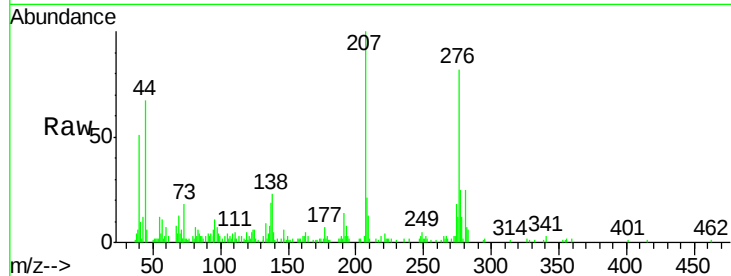
ClientSampleId :

CB2Z0

Tgt Ion:	276	Resp:	49090
Ion Ratio	Lower	Upper	
276	100		
138	27.8	17.8	26.6#
277	30.7	19.4	29.0#

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#30

Benzo(g,h,i)perylene

Concen: 1.74 ng/ul m

RT: 29.55 min Scan# 4504

Delta R.T. -0.05 min

Lab File: BG026220.D

Acq: 13 Mar 2017 20:28

Tgt Ion:	276	Resp:	47818
Ion Ratio	Lower	Upper	
276	100		
138	21.9	19.0	28.4
277	22.7	19.7	29.5

