

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031717\
 Data File : BG026285.D
 Acq On : 17 Mar 2017 16:40
 Operator : SJ/MA
 Sample : I2218-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB2Y4

Manual Integrations
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 3/20/2017 12:54:37 PM

Quant Time: Mar 17 17:50:40 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG030317-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 17 14:43:33 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	127584	20.00	ng/ul	0.00
2) Naphthalene-d8	10.85	136	607129	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.66	164	329645	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.39	188	650374	20.00	ng/ul	0.00
18) Chrysene-d12	21.64	240	635135	20.00	ng/ul	0.00
23) Perylene-d12	24.82	264	575425	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.48	165	53074	5.90	ng/uL	0.00
7) Acenaphthylene-d8	14.36	160	408791	14.54	ng/ul	0.00
10) Fluorene-d10	15.64	176	279596	13.64	ng/ul	0.00
15) Anthracene-d10	17.49	188	378017	13.08	ng/ul	0.00
19) Pyrene-d10	19.77	212	402537	12.42	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.60	264	342827	13.81	ng/ul	0.00
Target Compounds						
14) Phenanthrene	17.43	178	290518	8.43	ng/ul	99
16) Anthracene	17.52	178	47419	1.36	ng/ul	99
17) Fluoranthene	19.43	202	414871	11.59	ng/ul	98
20) Pyrene	19.80	202	363959	9.00	ng/ul	100
21) Benzo(a)anthracene	21.62	228	188895	5.34	ng/ul	99
22) Chrysene	21.68	228	184516	5.59	ng/ul	99
24) Benzo(b)fluoranthene	23.82	252	234410	7.18	ng/ul	97
25) Benzo(k)fluoranthene	23.87	252	76017m	2.44	ng/ul	
27) Benzo(a)pyrene	24.67	252	124450	4.10	ng/ul	94
28) Indeno(1,2,3-cd)pyrene	28.46	276	67078	2.00	ng/ul	93
30) Benzo(g,h,i)perylene	29.59	276	59596m	2.08	ng/ul	

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

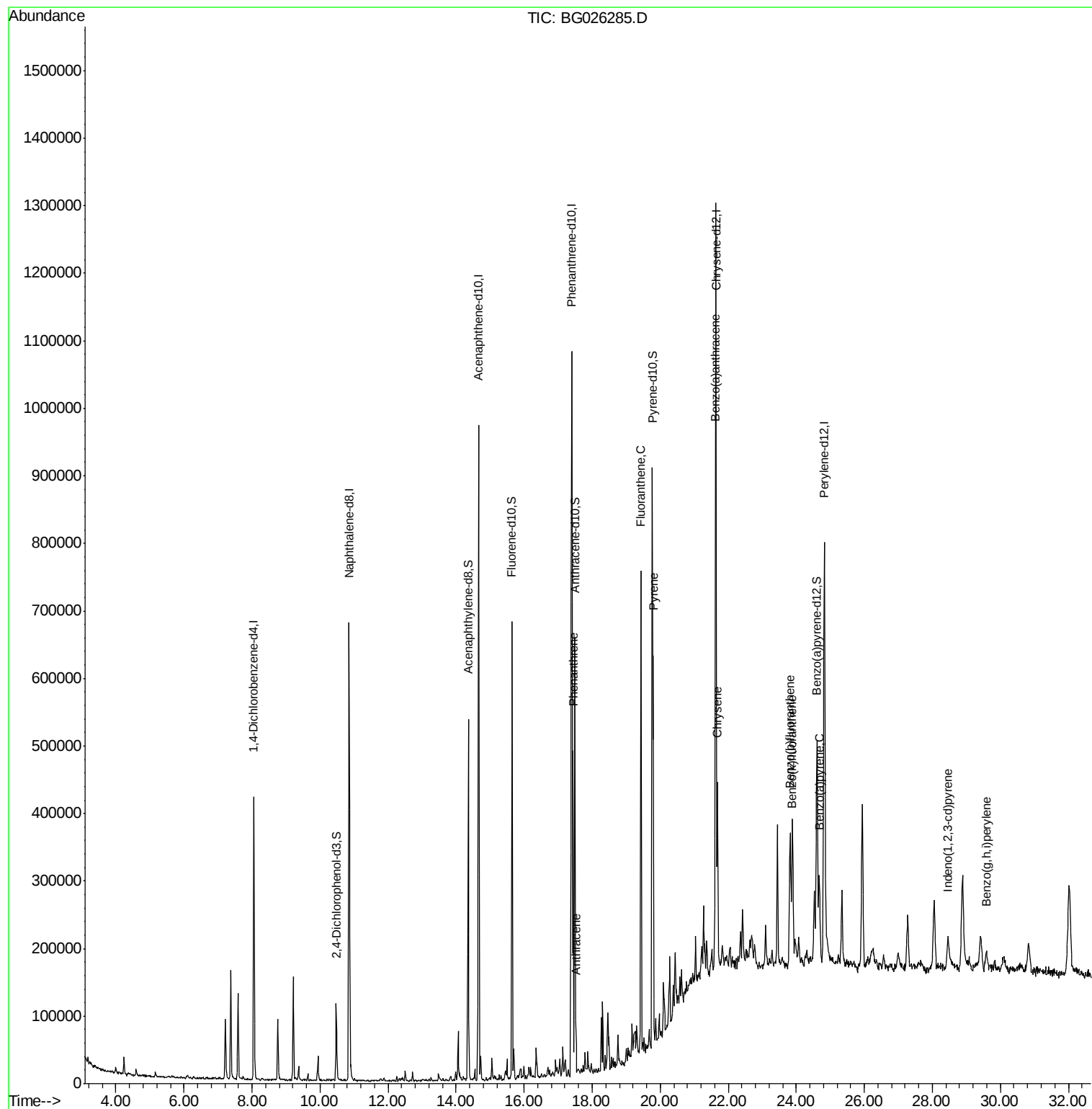
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031717\
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ALS Vial : 10 Sample Multiplier: 1

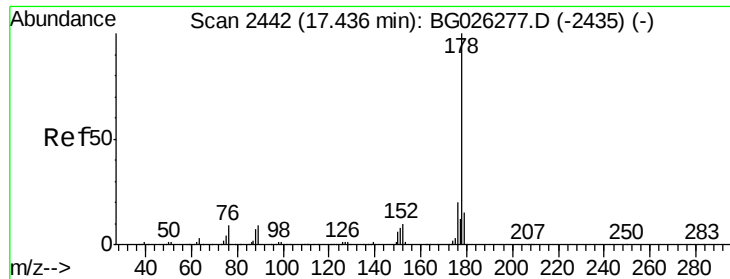
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Quant Time: Mar 17 17:50:40 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG030317-PAH.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#14

Phenanthrene

Concen: 8.43 ng/ul

RT: 17.43 min Scan# 2442

Delta R.T. -0.00 min

Lab File: BG026285.D

Acq: 17 Mar 2017 16:40

Instrument :

BNA_G

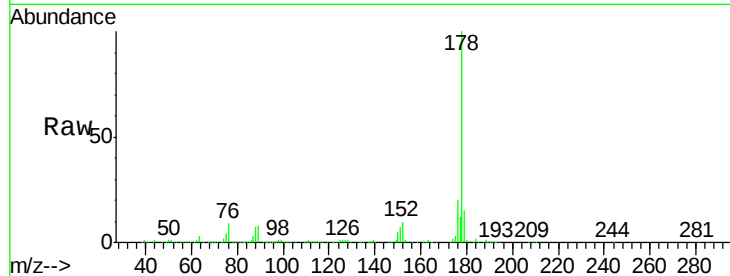
ClientSampled :

CB2Y4

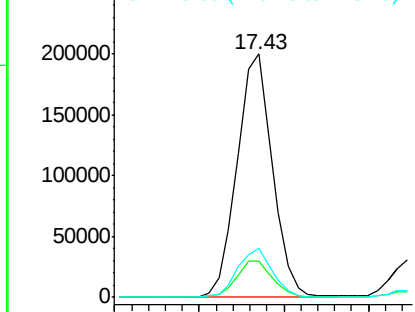
Tgt Ion:	178	Resp:	290518
Ion Ratio	Lower	Upper	
178	100		
179	14.8	12.2	18.4
176	20.2	16.4	24.6

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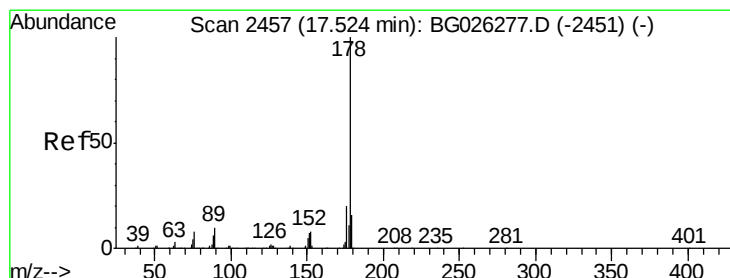
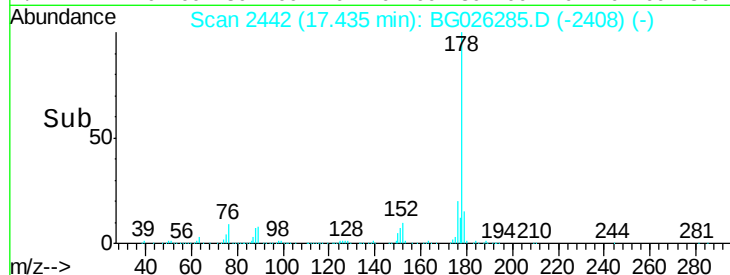
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



Time--> 17.35 17.40 17.45 17.50



#16

Anthracene

Concen: 1.36 ng/ul

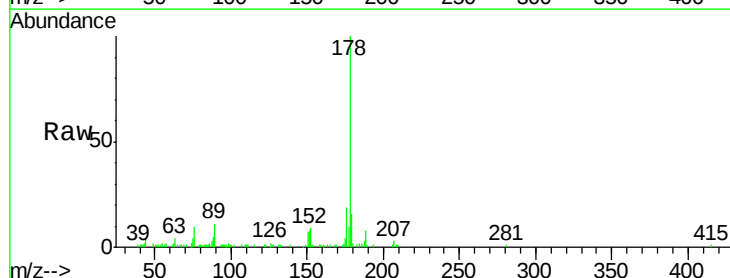
RT: 17.52 min Scan# 2457

Delta R.T. -0.00 min

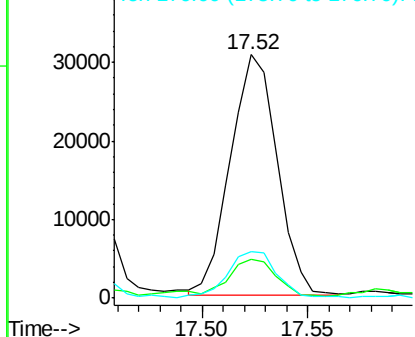
Lab File: BG026285.D

Acq: 17 Mar 2017 16:40

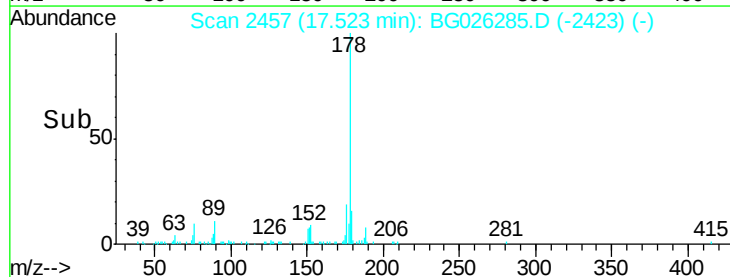
Tgt Ion:	178	Resp:	47419
Ion Ratio	Lower	Upper	
178	100		
179	15.7	12.7	19.1
176	19.2	15.8	23.8

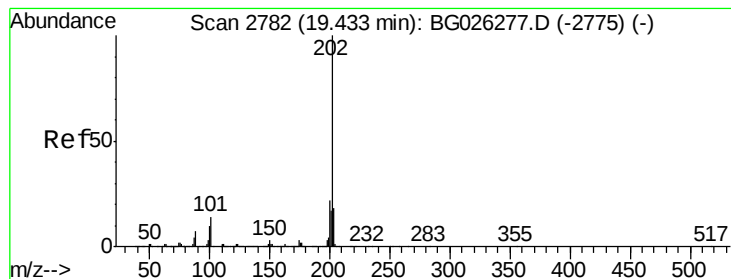


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



Time--> 17.50 17.55





#17

Fluoranthene

Concen: 11.59 ng/ul

RT: 19.43 min Scan# 2782

Delta R.T. -0.00 min

Lab File: BG026285.D

Acq: 17 Mar 2017 16:40

Instrument :

BNA_G

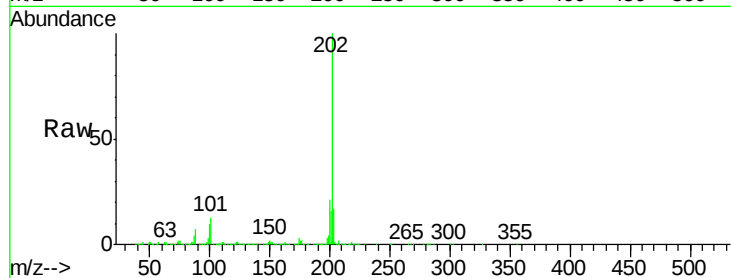
ClientSampleId :

CB2Y4

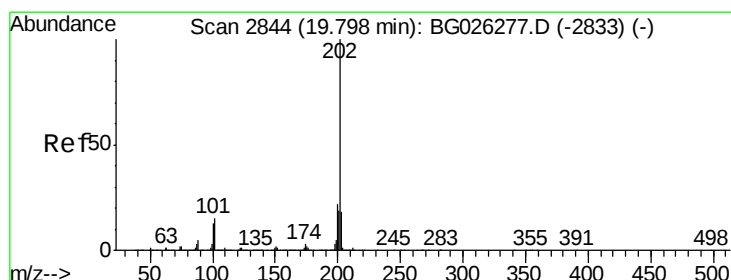
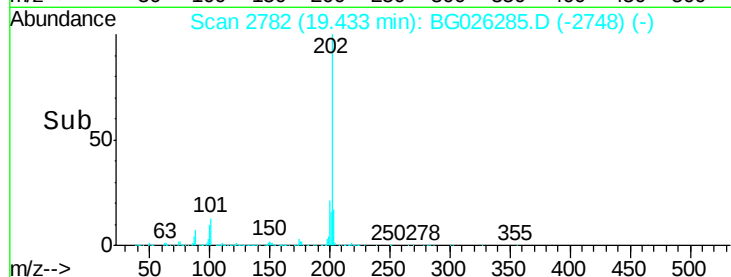
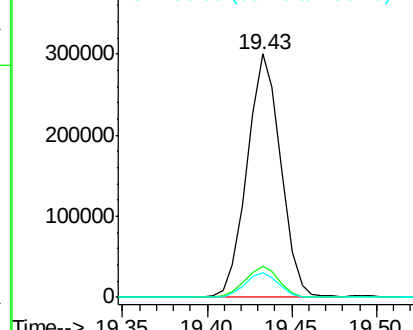
Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		414871		
101	13.0	9.8	14.8		
100	10.1	7.5	11.3		

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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

Pyrene

Concen: 9.00 ng/ul

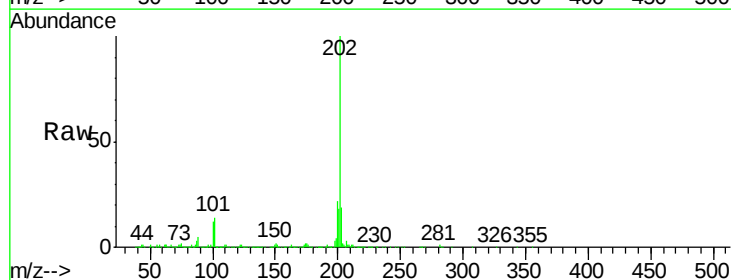
RT: 19.80 min Scan# 2844

Delta R.T. -0.00 min

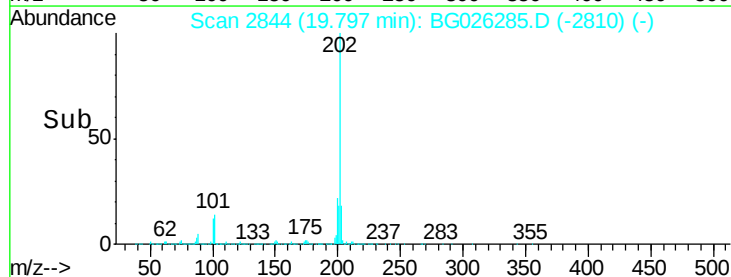
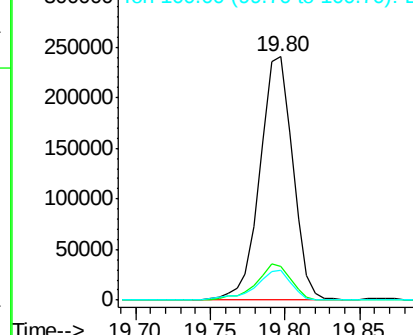
Lab File: BG026285.D

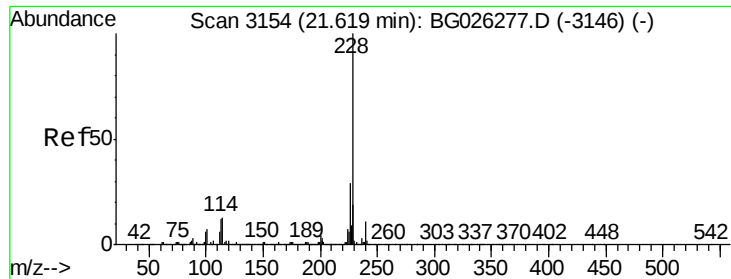
Acq: 17 Mar 2017 16:40

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		363959		
101	14.0	11.2	16.8		
100	12.3	9.8	14.6		



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





#21

Benzo(a)anthracene

Concen: 5.34 ng/ul

RT: 21.62 min Scan# 3154

Delta R.T. -0.00 min

Lab File: BG026285.D

Acq: 17 Mar 2017 16:40

Instrument :

BNA_G

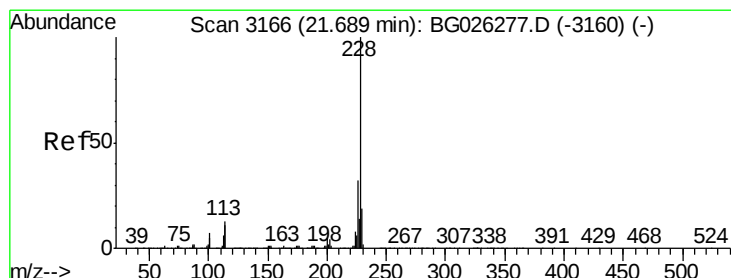
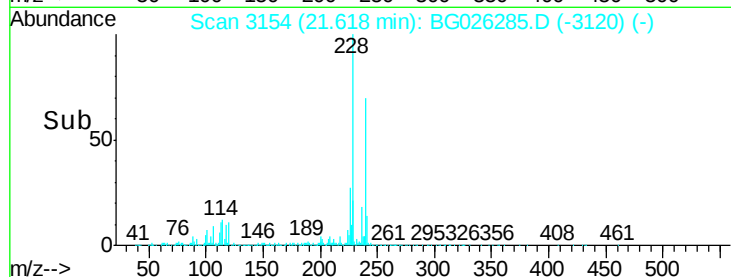
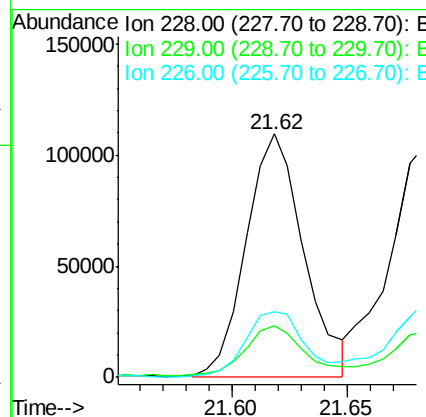
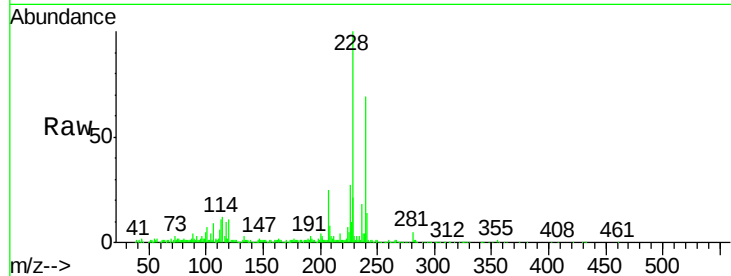
ClientSampled :

CB2Y4

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	188895		
229	21.0	15.9	23.9	
226	27.2	22.1	33.1	

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#22

Chrysene

Concen: 5.59 ng/ul

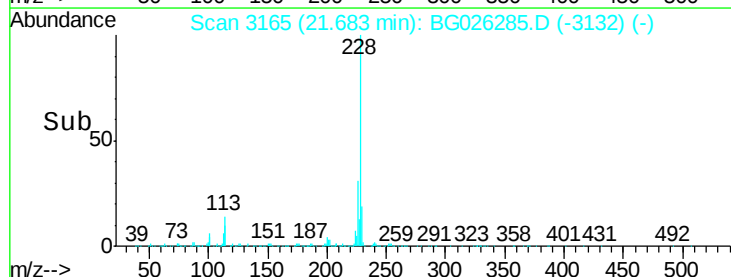
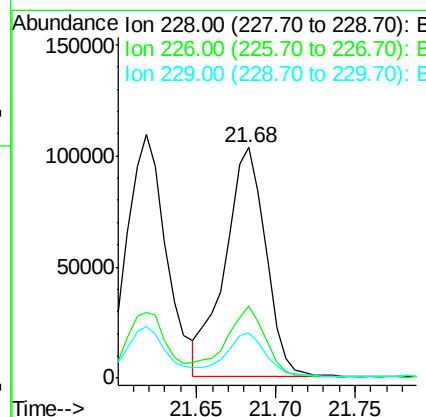
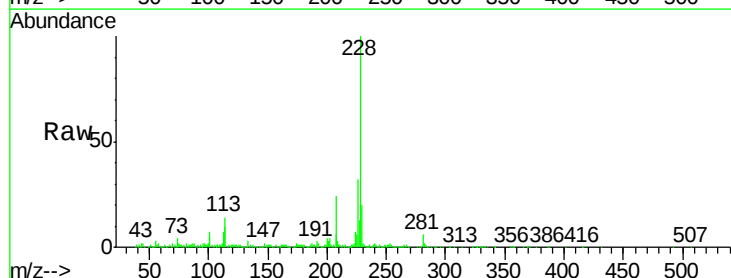
RT: 21.68 min Scan# 3165

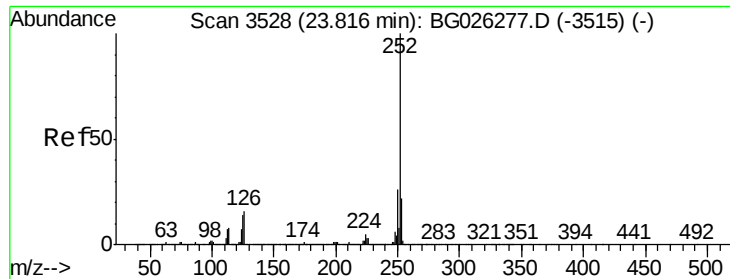
Delta R.T. -0.01 min

Lab File: BG026285.D

Acq: 17 Mar 2017 16:40

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	184516		
226	31.5	25.0	37.6	
229	19.5	16.6	25.0	





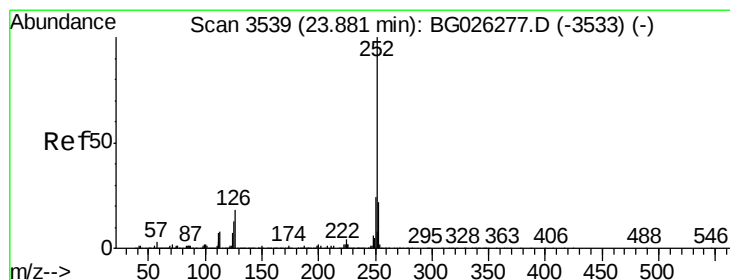
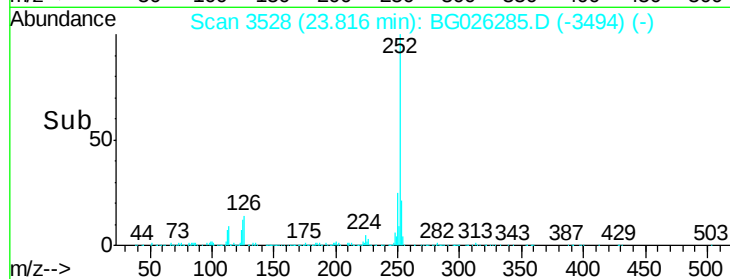
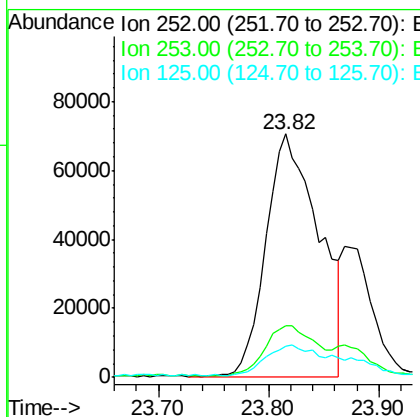
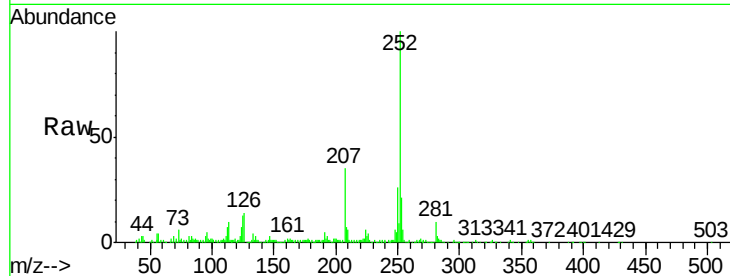
#24
Benzo(b)fluoranthene
Concen: 7.18 ng/ul
RT: 23.82 min Scan# 3528
Delta R.T. -0.00 min
Lab File: BG026285.D
Acq: 17 Mar 2017 16:40

Instrument :
BNA_G
ClientSampleId :
CB2Y4

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.8	26.6
125	12.7	9.4	14.0

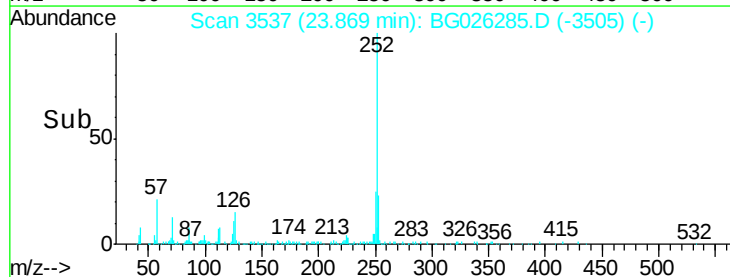
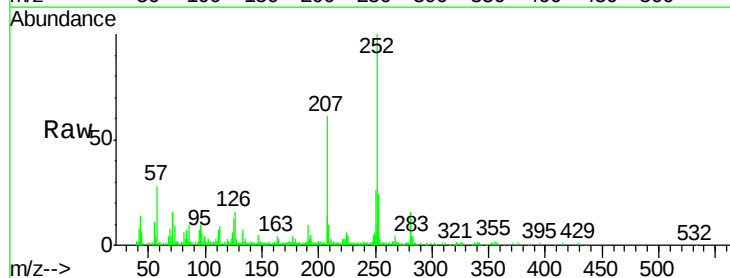
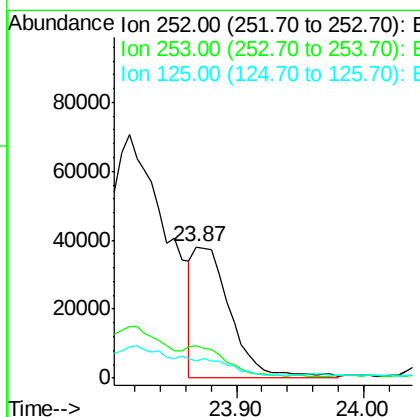
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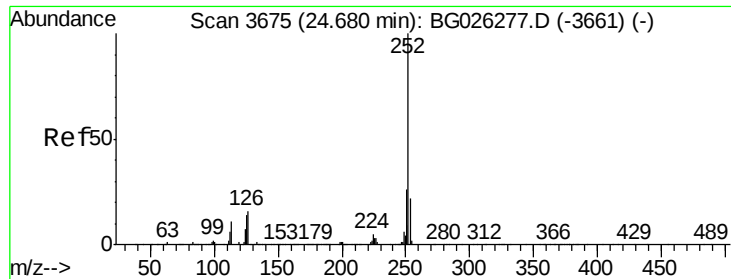
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#25
Benzo(k)fluoranthene
Concen: 2.44 ng/ul m
RT: 23.87 min Scan# 3537
Delta R.T. -0.01 min
Lab File: BG026285.D
Acq: 17 Mar 2017 16:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.4	26.2
125	12.9	8.8	13.2





#27

Benzo(a)pyrene

Concen: 4.10 ng/ul

RT: 24.67 min Scan# 3674

Delta R.T. -0.01 min

Lab File: BG026285.D

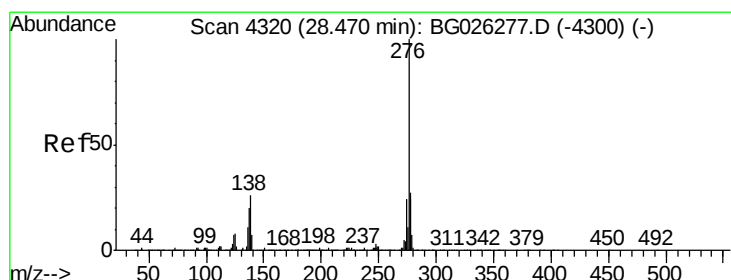
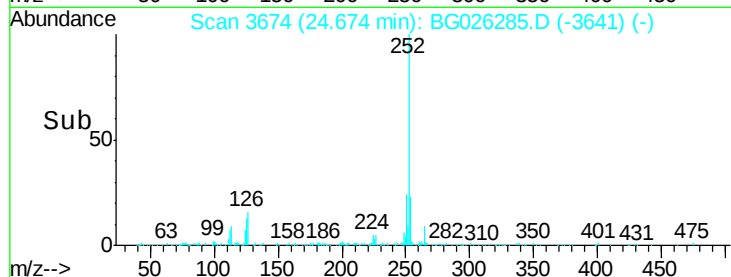
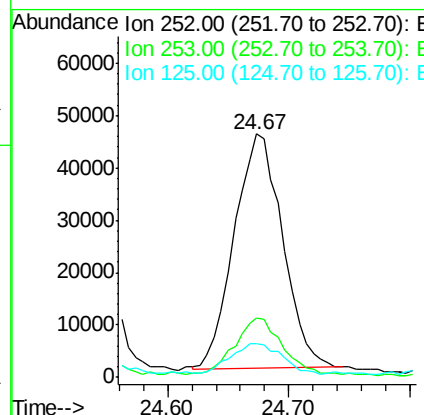
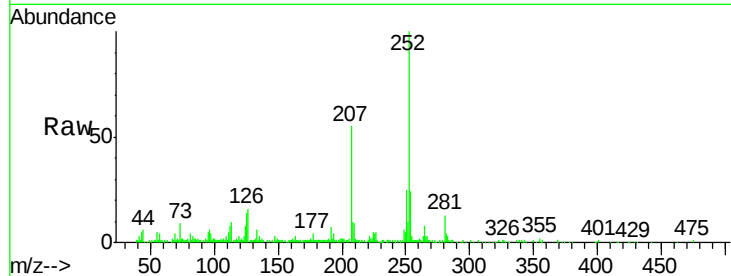
Acq: 17 Mar 2017 16:40

Instrument :
BNA_G
ClientSampleId :
CB2Y4

Tgt Ion:	252	Resp:	124450
Ion Ratio	Lower	Upper	
252	100		
253	24.3	17.1	25.7
125	13.7	9.4	14.2

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#28

Indeno(1,2,3-cd)pyrene

Concen: 2.00 ng/ul

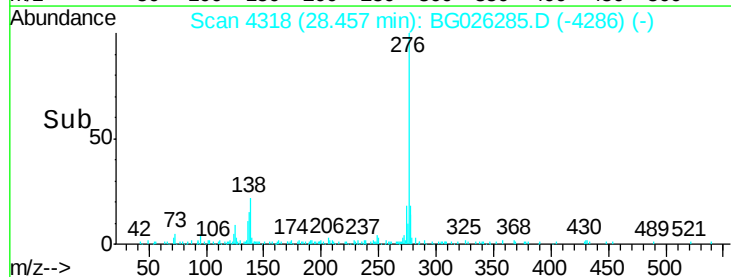
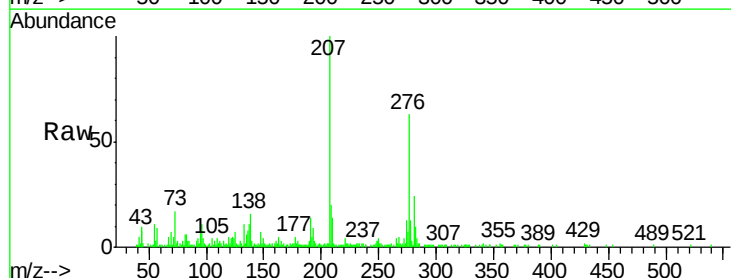
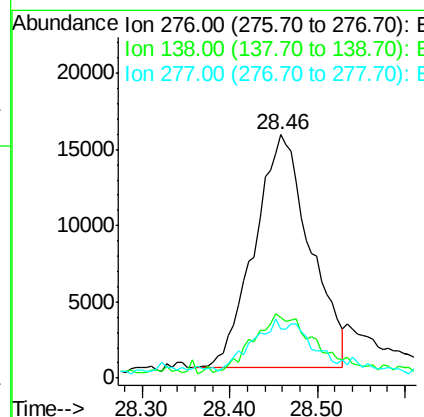
RT: 28.46 min Scan# 4318

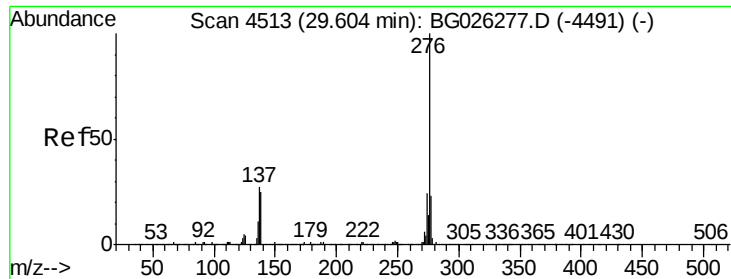
Delta R.T. -0.01 min

Lab File: BG026285.D

Acq: 17 Mar 2017 16:40

Tgt Ion:	276	Resp:	67078
Ion Ratio	Lower	Upper	
276	100		
138	24.8	17.8	26.6
277	20.0	19.4	29.0





#30

Benzo(g,h,i)perylene

Concen: 2.08 ng/ul m

RT: 29.59 min Scan# 4510

Delta R.T. -0.02 min

Lab File: BG026285.D

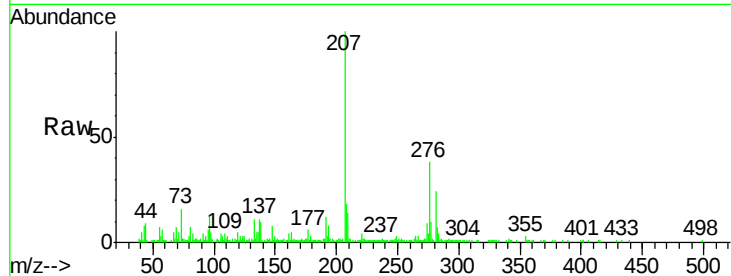
Acq: 17 Mar 2017 16:40

Instrument :

BNA_G

ClientSampleId :

CB2Y4



Tgt	Ion	276	Resp	59596
Ion	Ratio	100	Lower	Upper
276	100			
138	26.7	19.0	28.4	
277	26.4	19.7	29.5	

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