

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031717\
 Data File : BG026281.D
 Acq On : 17 Mar 2017 14:04
 Operator : SJ/MA
 Sample : I2218-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB2Y0

Manual Integrations
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Quant Time: Mar 17 15:09:50 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	125203	20.00	ng/ul	0.00
2) Naphthalene-d8	10.86	136	597079	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.66	164	330466	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.39	188	653020	20.00	ng/ul	0.00
18) Chrysene-d12	21.64	240	627282	20.00	ng/ul	0.00
23) Perylene-d12	24.83	264	565953	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.48	165	172567	19.51	ng/uL	0.00
7) Acenaphthylene-d8	14.36	160	704499	25.00	ng/ul	0.00
10) Fluorene-d10	15.64	176	484026	23.55	ng/ul	0.00
15) Anthracene-d10	17.49	188	663310	22.86	ng/ul	0.00
19) Pyrene-d10	19.77	212	718699	22.45	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.61	264	631003	25.85	ng/ul	0.00
Target Compounds				Qvalue		
14) Phenanthrene	17.44	178	169248	4.89	ng/ul	98
17) Fluoranthene	19.43	202	269403	7.50	ng/ul	98
20) Pyrene	19.79	202	225023	5.63	ng/ul	98
21) Benzo(a)anthracene	21.62	228	119627	3.43	ng/ul	97
22) Chrysene	21.68	228	119299	3.66	ng/ul	97
24) Benzo(b)fluoranthene	23.82	252	150177	4.67	ng/ul#	96
25) Benzo(k)fluoranthene	23.88	252	49904m	1.63	ng/ul	
27) Benzo(a)pyrene	24.67	252	81541	2.73	ng/ul#	96
28) Indeno(1,2,3-cd)pyrene	28.46	276	49703m	1.51	ng/ul	
30) Benzo(g,h,i)perylene	29.60	276	38176m	1.35	ng/ul	

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

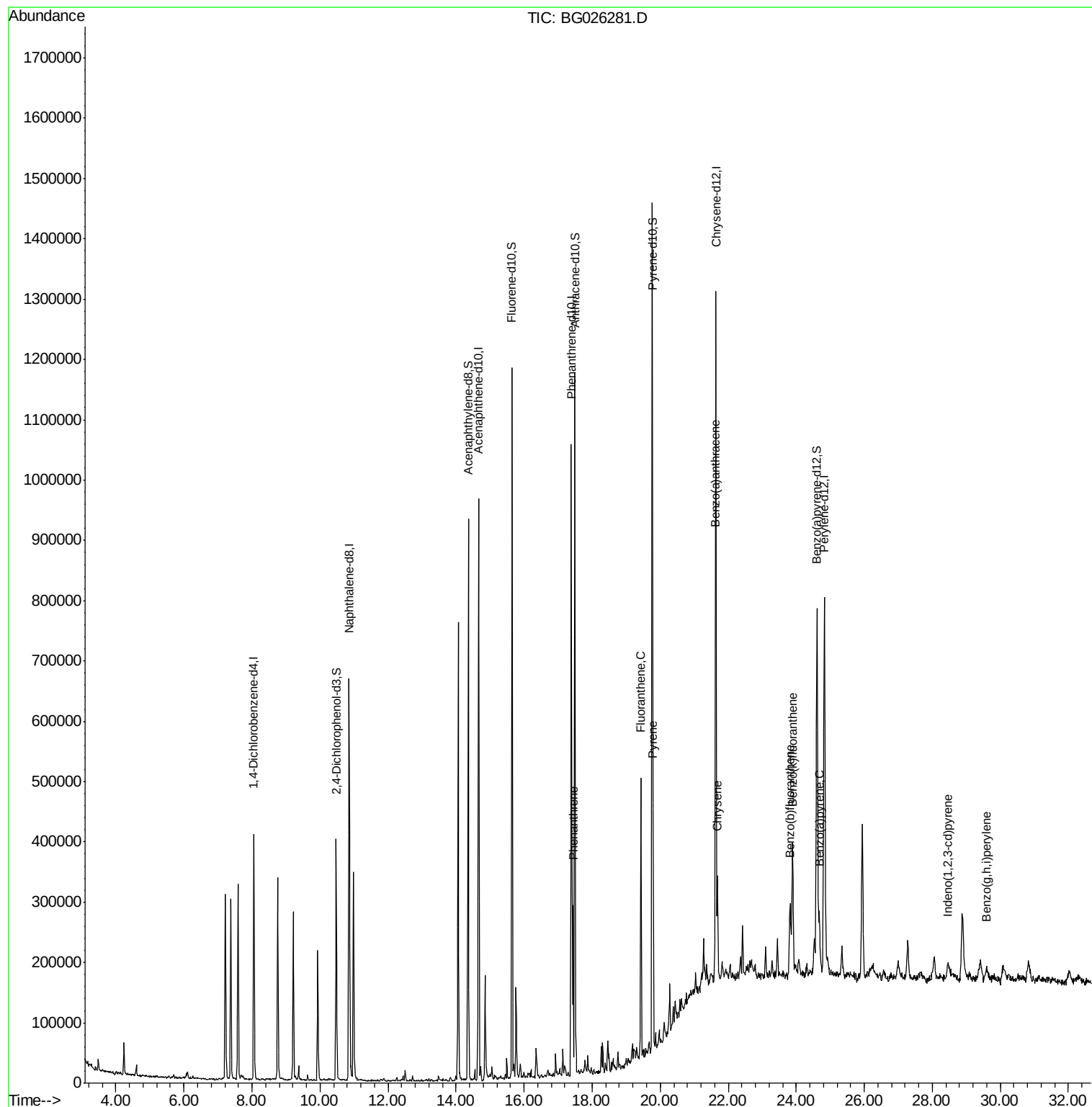
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031717\
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Acq On : 17 Mar 2017 14:04
Operator : SJ/MA
Sample : I2218-01
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ALS Vial : 6 Sample Multiplier: 1

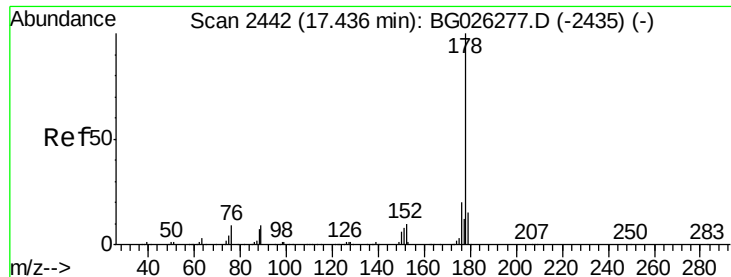
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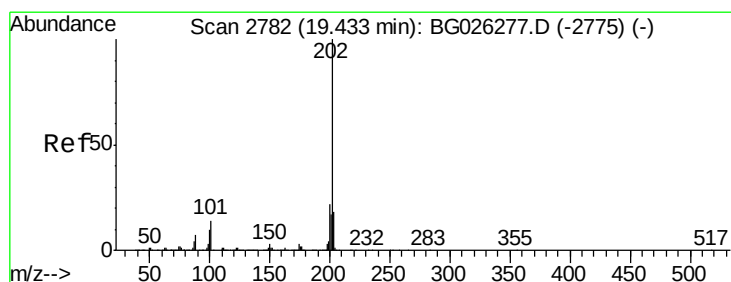
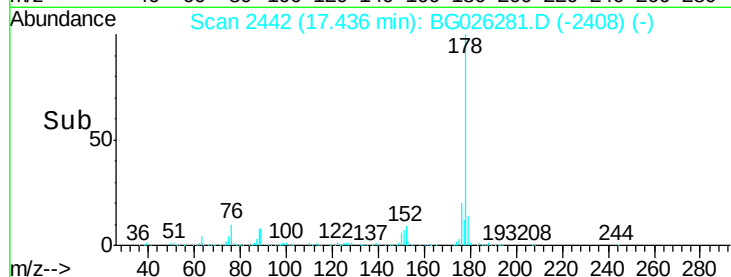
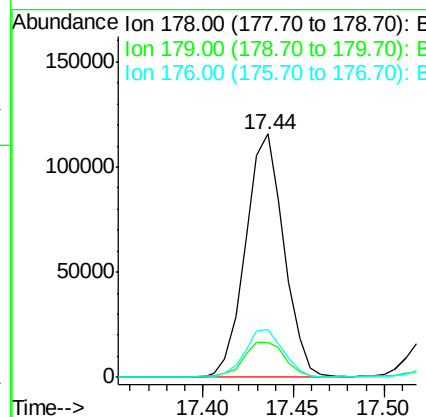
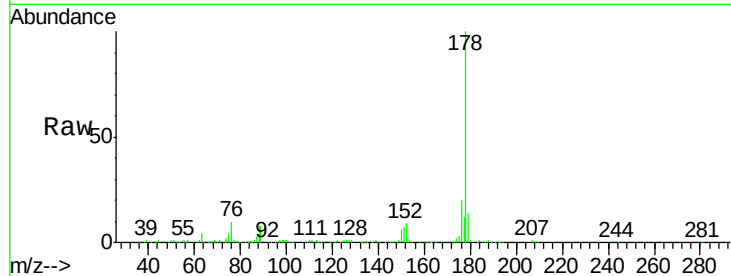
#14
Phenanthrene
Concen: 4.89 ng/ul
RT: 17.44 min Scan# 2442
Delta R.T. 0.00 min
Lab File: BG026281.D
Acq: 17 Mar 2017 14:04

Instrument :
BNA_G
ClientSampleId :
CB2Y0

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.2	12.2	18.4
176	19.9	16.4	24.6

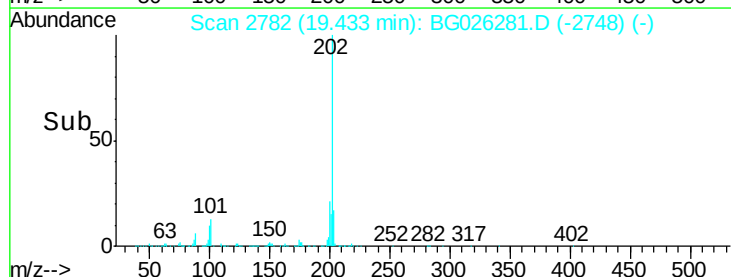
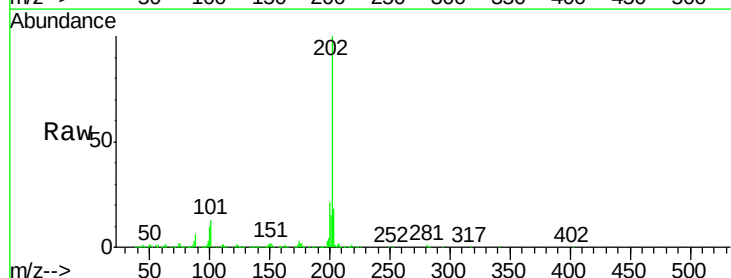
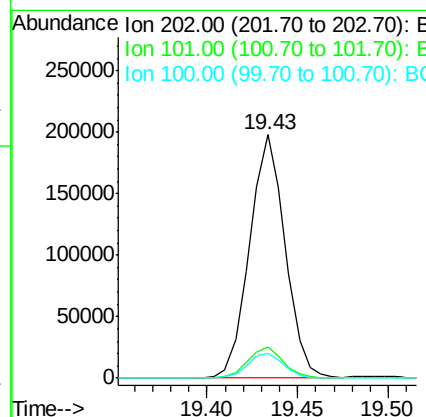
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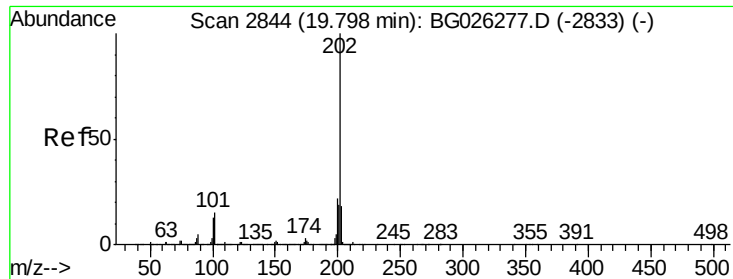
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#17
Fluoranthene
Concen: 7.50 ng/ul
RT: 19.43 min Scan# 2782
Delta R.T. 0.00 min
Lab File: BG026281.D
Acq: 17 Mar 2017 14:04

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.9	9.8	14.8
100	10.1	7.5	11.3





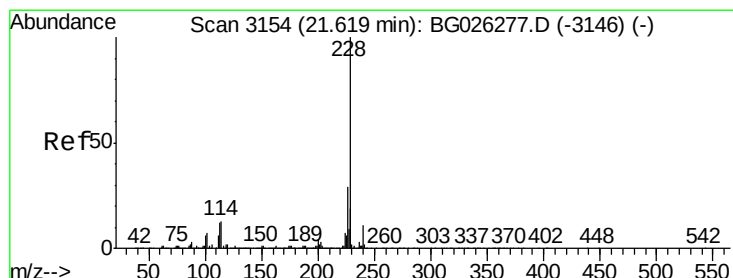
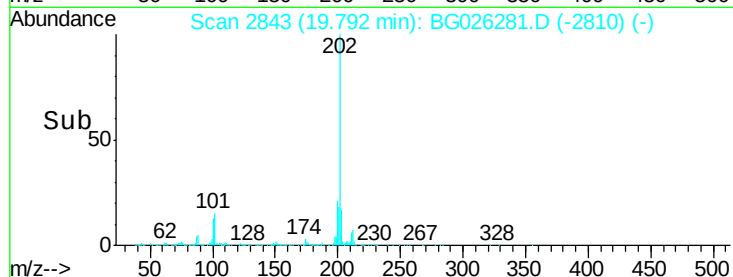
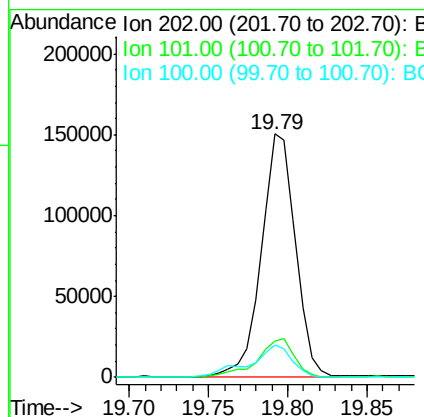
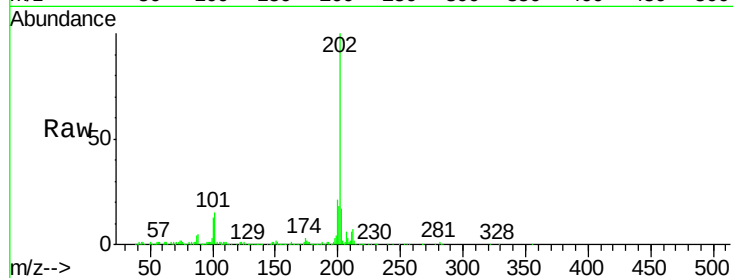
#20
Pyrene
Concen: 5.63 ng/ul
RT: 19.79 min Scan# 2843
Delta R.T. -0.01 min
Lab File: BG026281.D
Acq: 17 Mar 2017 14:04

Instrument :
BNA_G
ClientSampleId :
CB2Y0

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	14.7	11.2	16.8
100	13.1	9.8	14.6

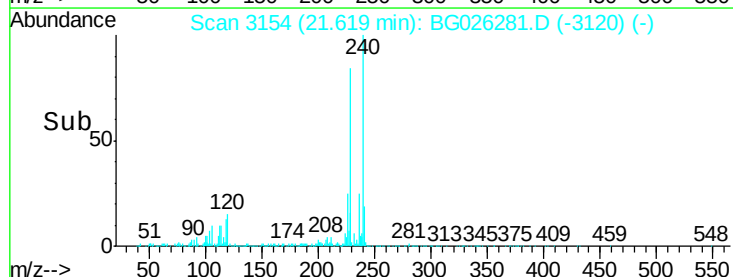
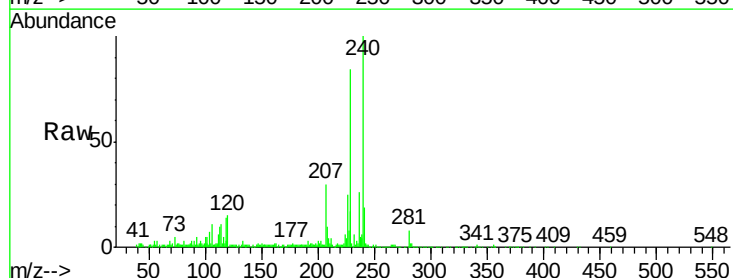
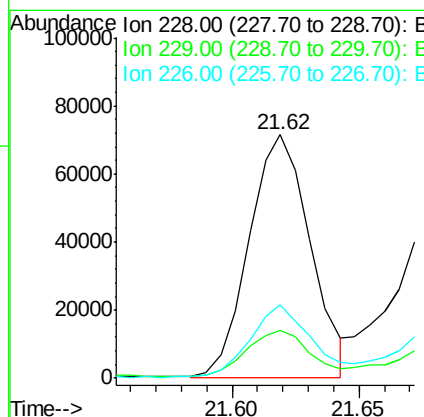
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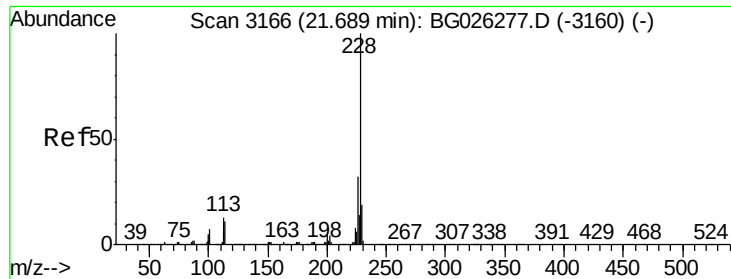
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#21
Benzo(a)anthracene
Concen: 3.43 ng/ul
RT: 21.62 min Scan# 3154
Delta R.T. 0.00 min
Lab File: BG026281.D
Acq: 17 Mar 2017 14:04

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	19.7	15.9	23.9
226	29.9	22.1	33.1





#22

Chrysene

Concen: 3.66 ng/ul

RT: 21.68 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG026281.D

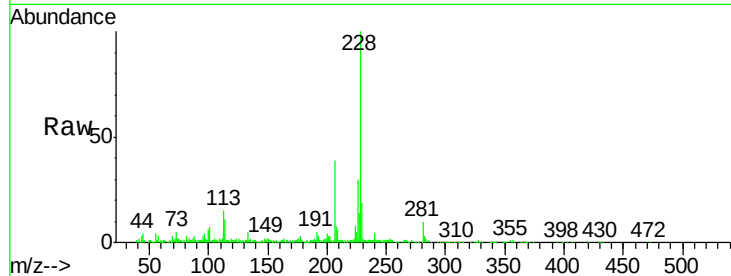
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Instrument :

BNA_G

ClientSampled :

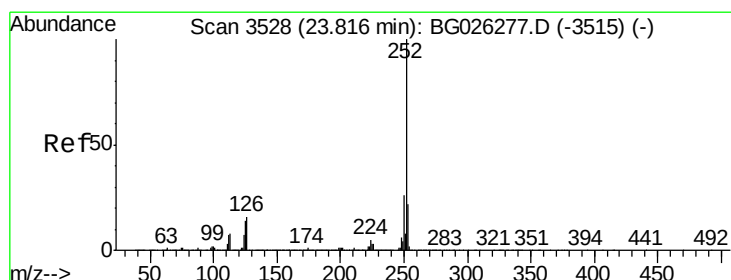
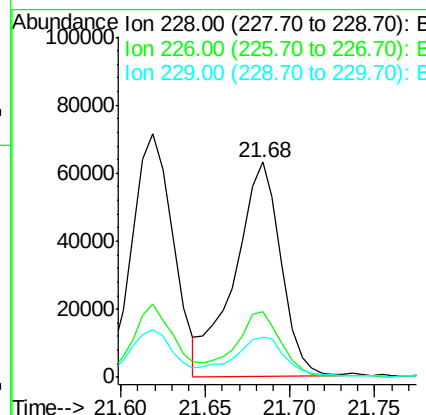
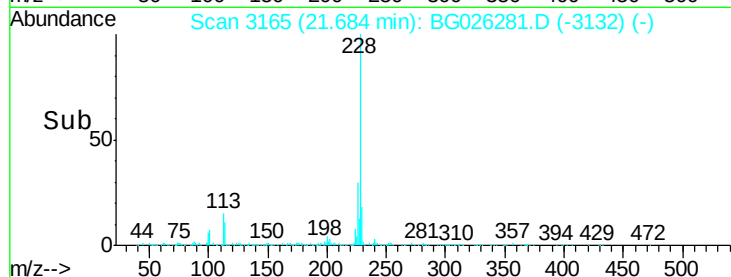
CB2Y0



Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.0	37.6
229	19.0	16.6	25.0

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#24

Benzo(b)fluoranthene

Concen: 4.67 ng/ul

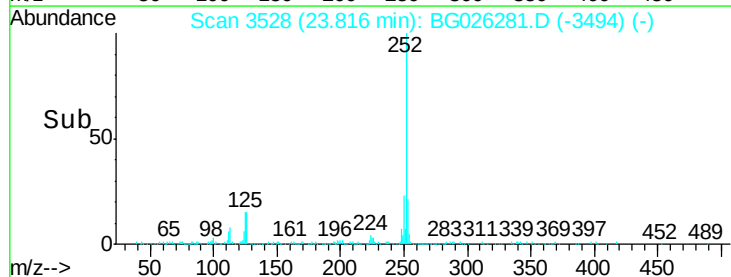
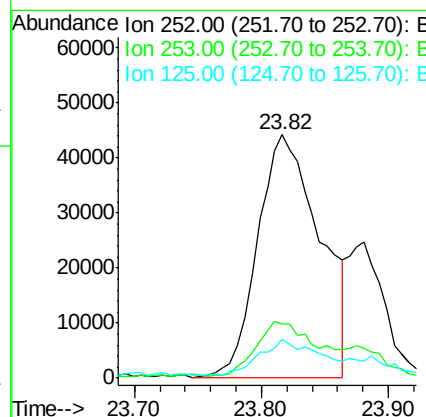
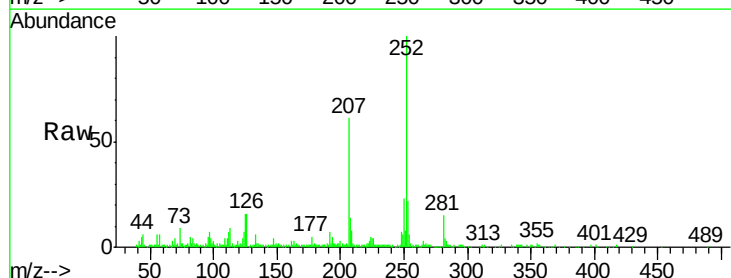
RT: 23.82 min Scan# 3528

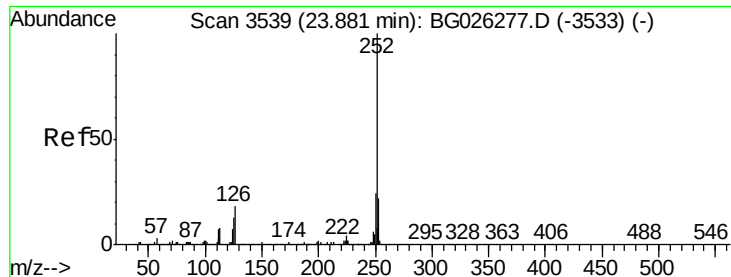
Delta R.T. 0.00 min

Lab File: BG026281.D

Acq: 17 Mar 2017 14:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	16.1	9.4	14.0





#25

Benzo(k)fluoranthene

Concen: 1.63 ng/ul m

RT: 23.88 min Scan# 3539

Delta R.T. 0.00 min

Lab File: BG026281.D

Acq: 17 Mar 2017 14:04

Instrument :

BNA_G

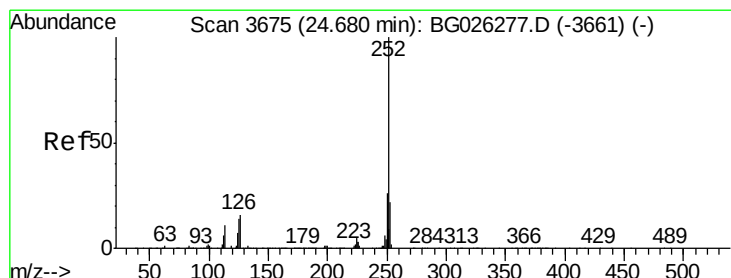
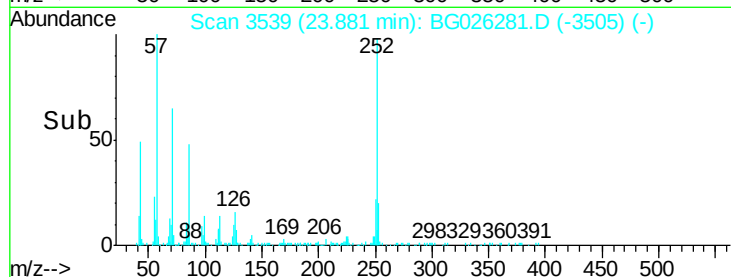
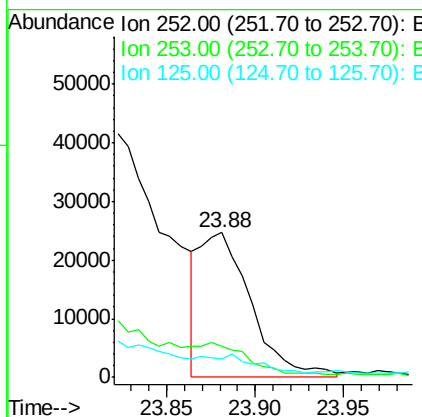
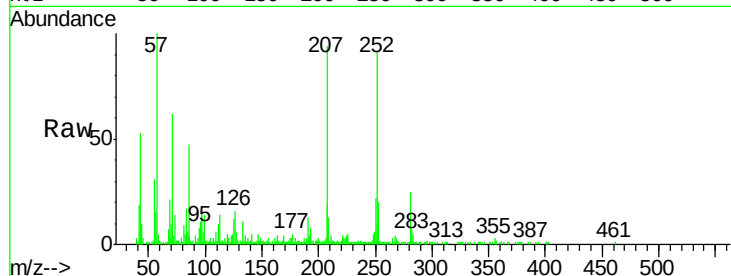
ClientSampled :

CB2Y0

Tgt Ion:	252	Resp:	49904
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.4	26.2
125	13.0	8.8	13.2

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#27

Benzo(a)pyrene

Concen: 2.73 ng/ul

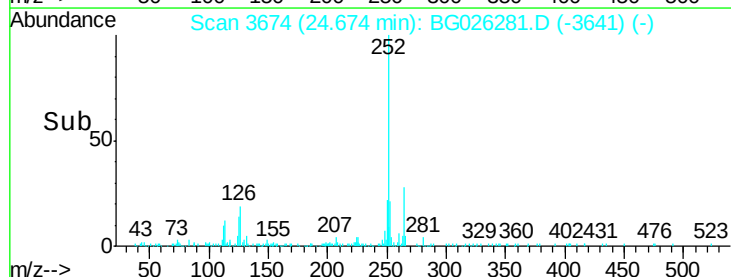
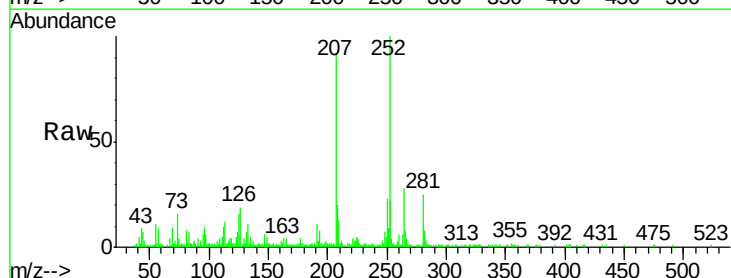
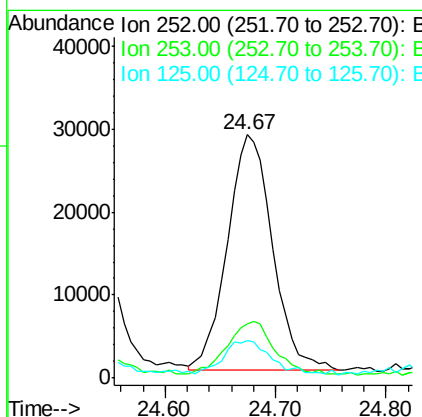
RT: 24.67 min Scan# 3674

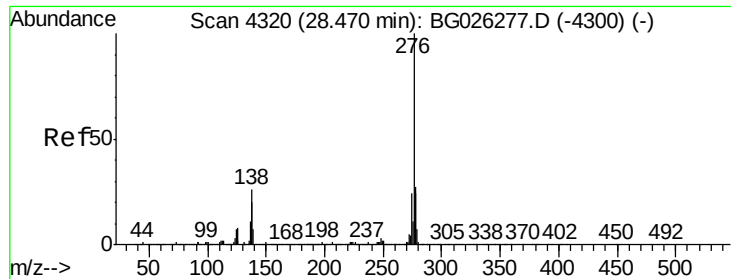
Delta R.T. -0.01 min

Lab File: BG026281.D

Acq: 17 Mar 2017 14:04

Tgt Ion:	252	Resp:	81541
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.1	25.7
125	15.5	9.4	14.2#





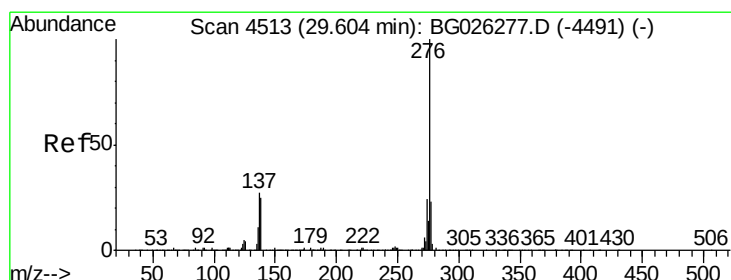
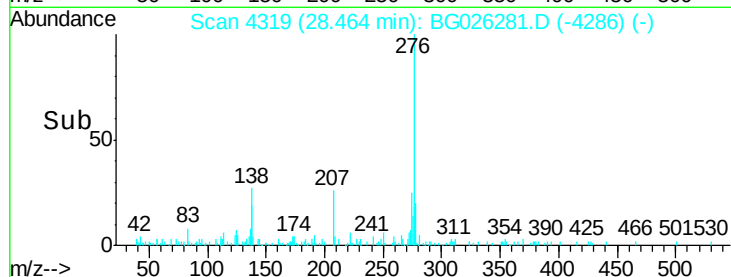
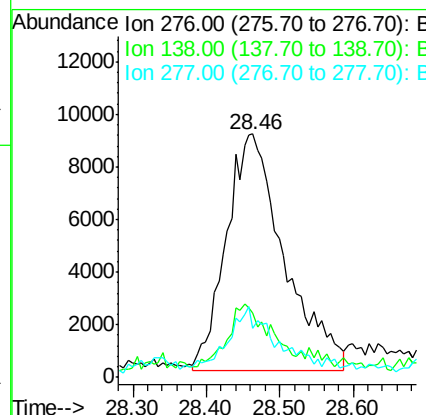
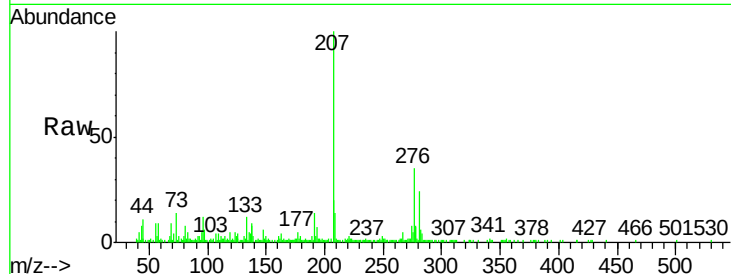
#28
 Indeno(1,2,3-cd)pyrene
 Concen: 1.51 ng/ul m
 RT: 28.46 min Scan# 4319
 Delta R.T. -0.01 min
 Lab File: BG026281.D
 Acq: 17 Mar 2017 14:04

Instrument :
 BNA_G
 ClientSampleId :
 CB2Y0

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.5	17.8	26.6
277	20.2	19.4	29.0

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#30
 Benzo(g,h,i)perylene
 Concen: 1.35 ng/ul m
 RT: 29.60 min Scan# 4512
 Delta R.T. -0.01 min
 Lab File: BG026281.D
 Acq: 17 Mar 2017 14:04

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.1	19.0	28.4
277	23.5	19.7	29.5

