

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031717\
 Data File : BG026278.D
 Acq On : 17 Mar 2017 12:06
 Operator : SJ/MA
 Sample : I2217-09
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB2X3

Manual Integrations
 APPROVED

mohammad
 3/20/2017 12:54:26 PM

Quant Time: Mar 17 14:48:50 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	8.05	152	130430	20.00	ng/ul	0.00
2) Naphthalene-d8	10.86	136	591793	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.66	164	321174	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.39	188	637978	20.00	ng/ul	0.00
18) Chrysene-d12	21.64	240	605668	20.00	ng/ul	0.00
23) Perylene-d12	24.83	264	543136	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.47	165	323236	36.88	ng/uL	0.00
7) Acenaphthylene-d8	14.36	160	1266129	46.24	ng/ul	0.00
10) Fluorene-d10	15.64	176	827183	41.41	ng/ul	0.00
15) Anthracene-d10	17.49	188	1146592	40.44	ng/ul	0.00
19) Pyrene-d10	19.77	212	1134709	36.72	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.62	264	983990	42.01	ng/ul	0.00
Target Compounds				Qvalue		
14) Phenanthrene	17.44	178	139572	4.13	ng/ul	97
17) Fluoranthene	19.43	202	213794	6.09	ng/ul	98
20) Pyrene	19.80	202	180995	4.69	ng/ul	99
21) Benzo(a)anthracene	21.62	228	93038	2.76	ng/ul	97
22) Chrysene	21.68	228	96231	3.06	ng/ul	95
24) Benzo(b)fluoranthene	23.82	252	112051	3.63	ng/ul#	95
25) Benzo(k)fluoranthene	23.88	252	45555m	1.55	ng/ul	
27) Benzo(a)pyrene	24.68	252	36287	1.27	ng/ul#	90
28) Indeno(1,2,3-cd)pyrene	28.46	276	41198m	1.30	ng/ul	
30) Benzo(g,h,i)perylene	29.59	276	30229	1.12	ng/ul	95

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

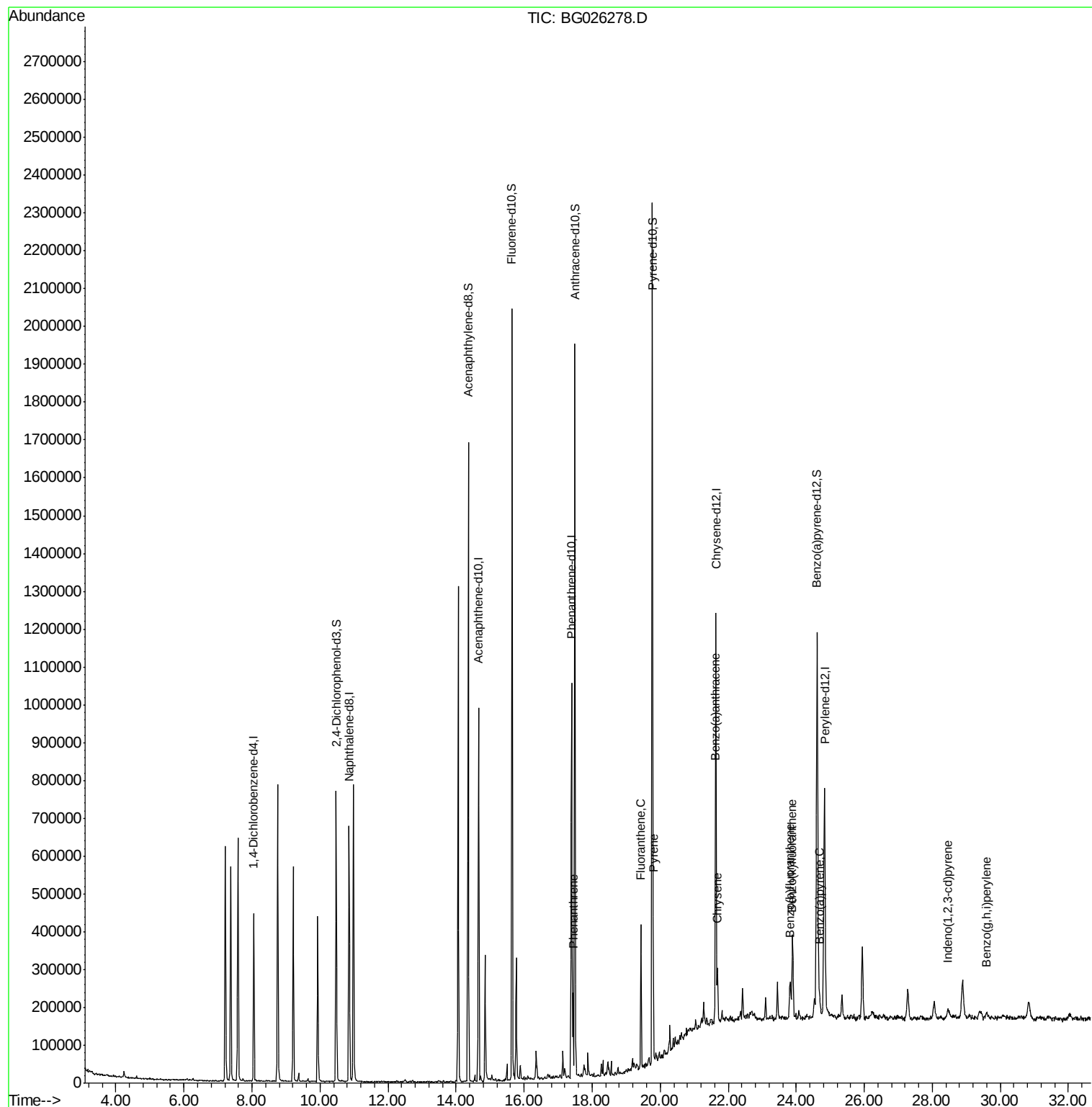
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031717\
Data File : BG026278.D
Acq On : 17 Mar 2017 12:06
Operator : SJ/MA
Sample : I2217-09
Misc :
ALS Vial : 3 Sample Multiplier: 1

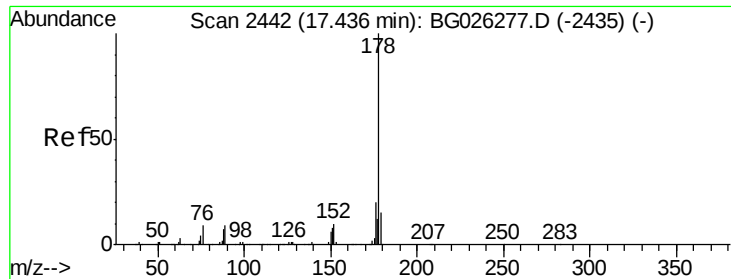
Instrument :
BNA_G
ClientSampleId :
CB2X3

Manual Integrations
APPROVED

mohammad
3/20/2017 12:54:26 PM

Quant Time: Mar 17 14:48:50 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





#14

Phenanthrene

Concen: 4.13 ng/ul

RT: 17.44 min Scan# 2442

Delta R.T. 0.00 min

Lab File: BG026278.D

Acq: 17 Mar 2017 12:06

Instrument :

BNA_G

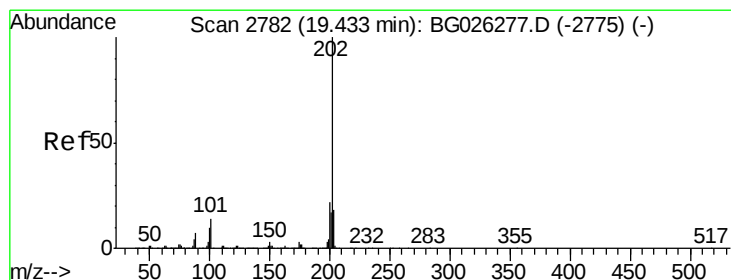
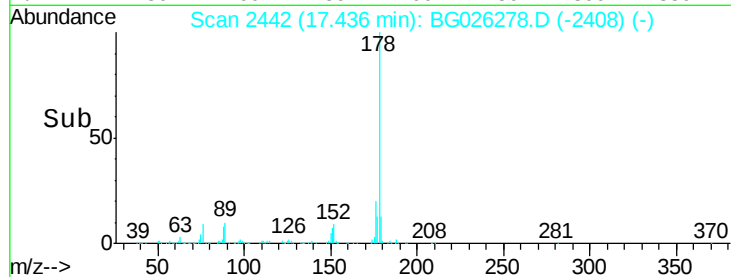
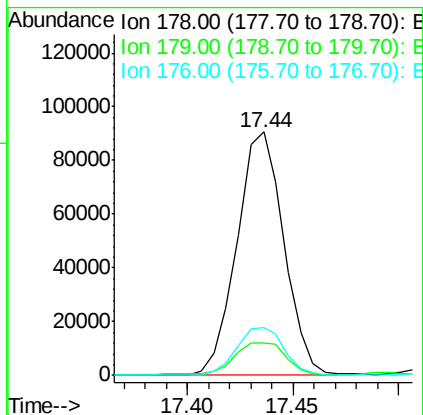
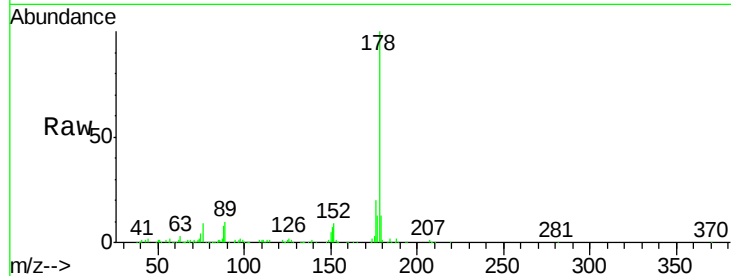
ClientSampleId :

CB2X3

Tgt Ion:	178	Resp:	139572
Ion Ratio	Lower	Upper	
178	100		
179	13.2	12.2	18.4
176	19.9	16.4	24.6

Manual Integrations
APPROVED

mohammad
3/20/2017 12:54:26 PM



#17

Fluoranthene

Concen: 6.09 ng/ul

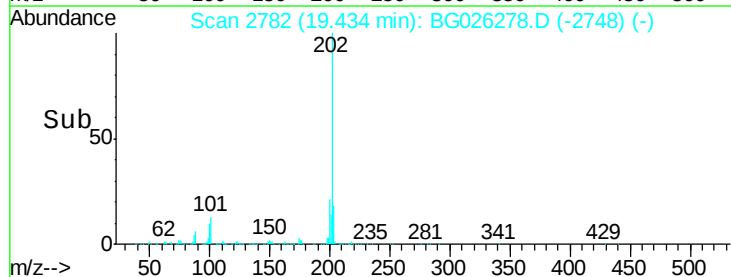
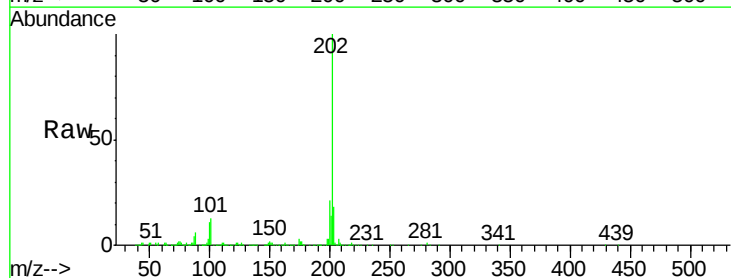
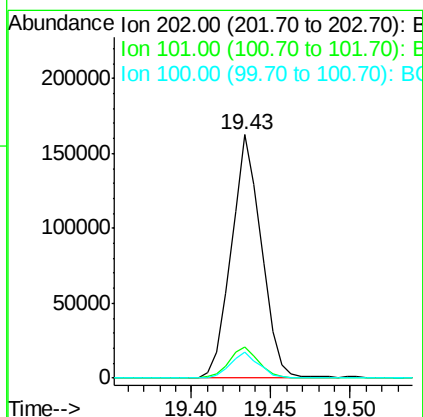
RT: 19.43 min Scan# 2782

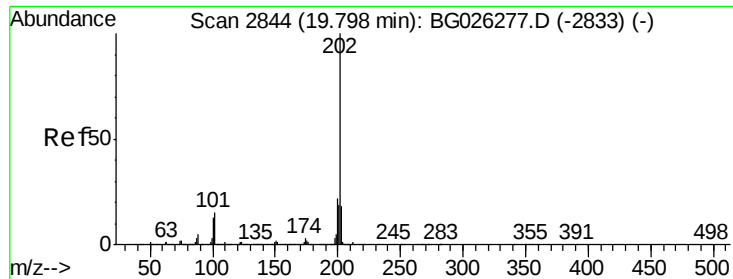
Delta R.T. 0.00 min

Lab File: BG026278.D

Acq: 17 Mar 2017 12:06

Tgt Ion:	202	Resp:	213794
Ion Ratio	Lower	Upper	
202	100		
101	12.7	9.8	14.8
100	10.5	7.5	11.3





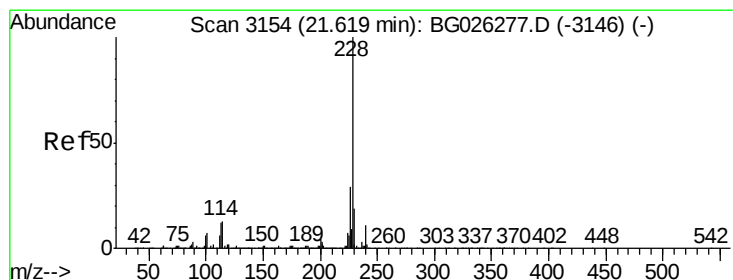
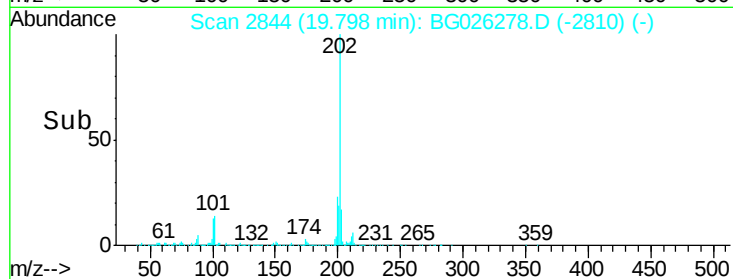
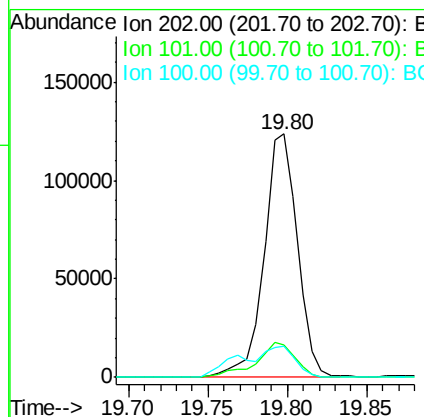
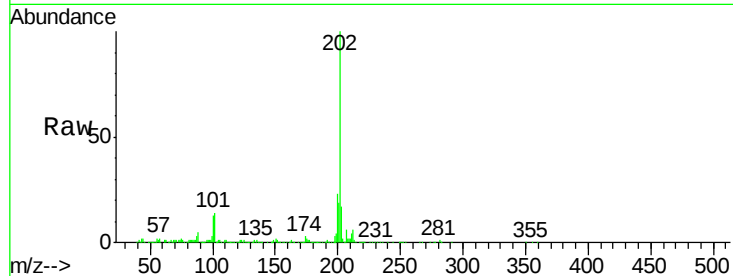
#20
Pyrene
Concen: 4.69 ng/ul
RT: 19.80 min Scan# 2844
Delta R.T. 0.00 min
Lab File: BG026278.D
Acq: 17 Mar 2017 12:06

Instrument :
BNA_G
ClientSampleId :
CB2X3

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	180995		
101	13.6	11.2	16.8	
100	13.0	9.8	14.6	

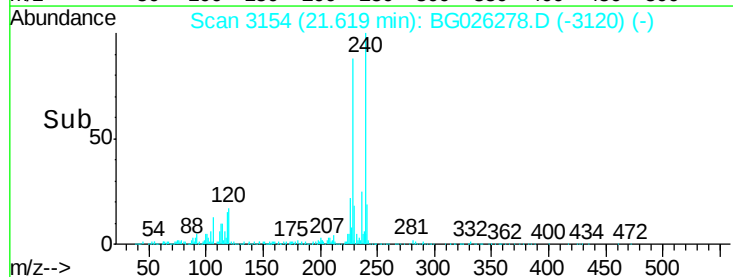
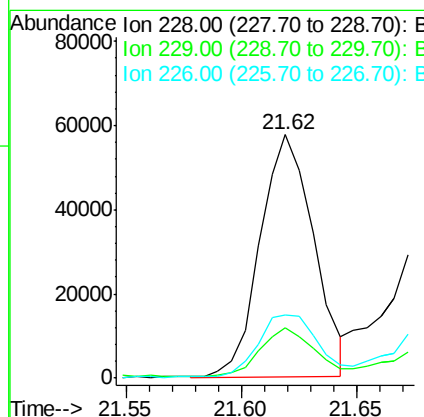
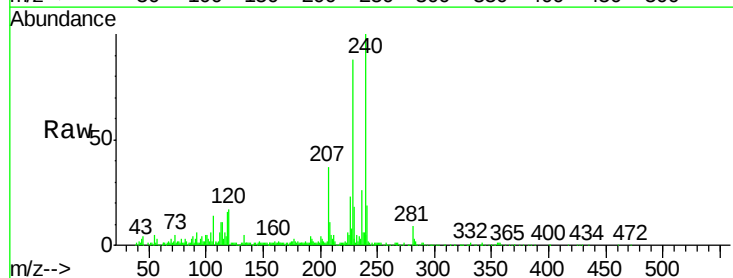
Manual Integrations
APPROVED

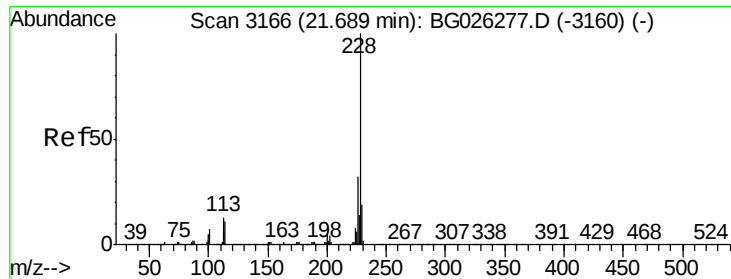
mohammad
3/20/2017 12:54:26 PM



#21
Benzo(a)anthracene
Concen: 2.76 ng/ul
RT: 21.62 min Scan# 3154
Delta R.T. 0.00 min
Lab File: BG026278.D
Acq: 17 Mar 2017 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	93038		
229	20.9	15.9	23.9	
226	25.8	22.1	33.1	





#22

Chrysene

Concen: 3.06 ng/ul

RT: 21.68 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG026278.D

Acq: 17 Mar 2017 12:06

Instrument :

BNA_G

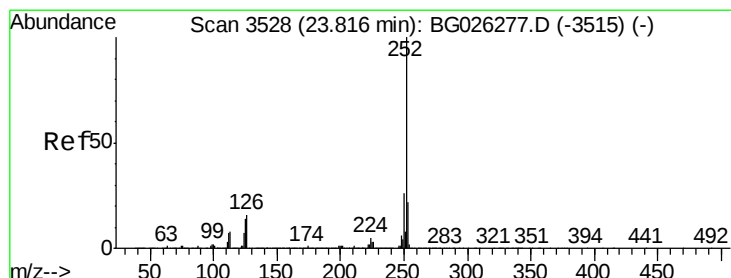
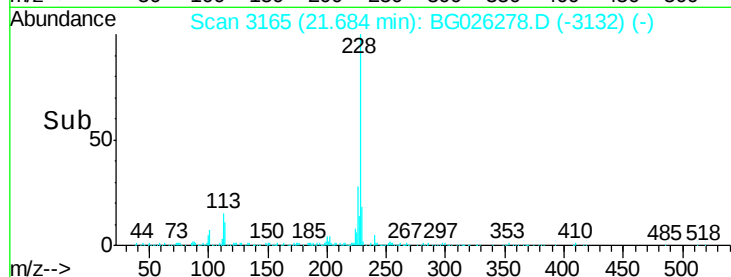
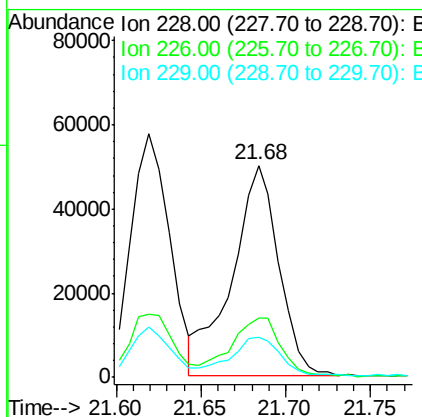
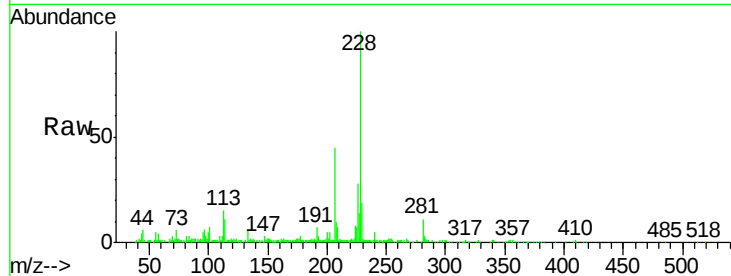
ClientSampleId :

CB2X3

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	96231		
226	28.1		25.0	37.6
229	19.2		16.6	25.0

Manual Integrations
APPROVED

mohammad
3/20/2017 12:54:26 PM



#24

Benzo(b)fluoranthene

Concen: 3.63 ng/ul

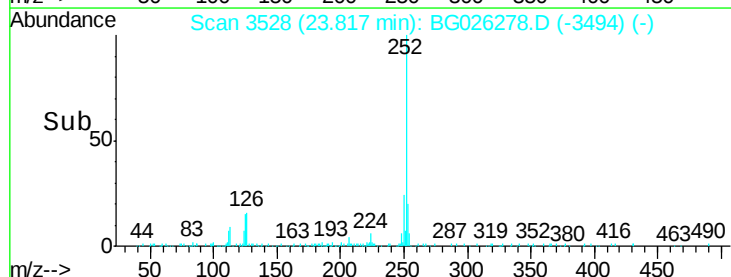
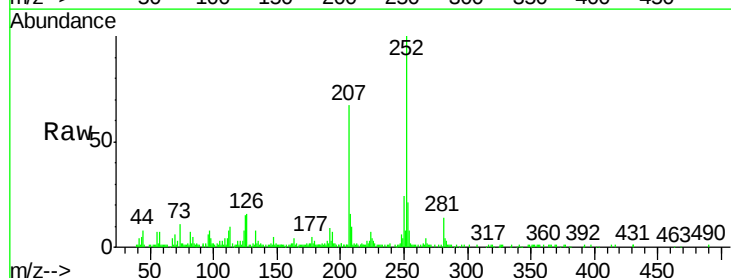
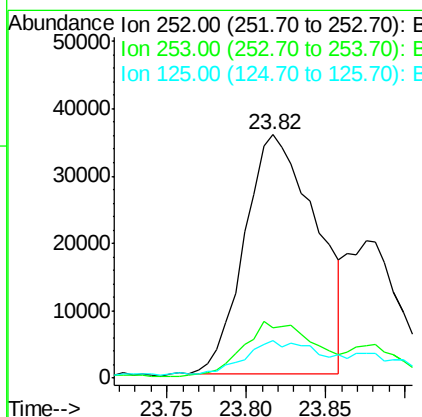
RT: 23.82 min Scan# 3528

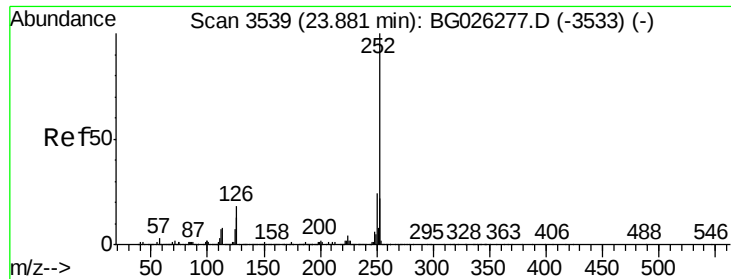
Delta R.T. 0.00 min

Lab File: BG026278.D

Acq: 17 Mar 2017 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	112051		
253	20.7		17.8	26.6
125	15.3		9.4	14.0#





#25

Benzo(k)fluoranthene

Concen: 1.55 ng/ul m

RT: 23.88 min Scan# 3538

Delta R.T. -0.01 min

Lab File: BG026278.D

Acq: 17 Mar 2017 12:06

Instrument :

BNA_G

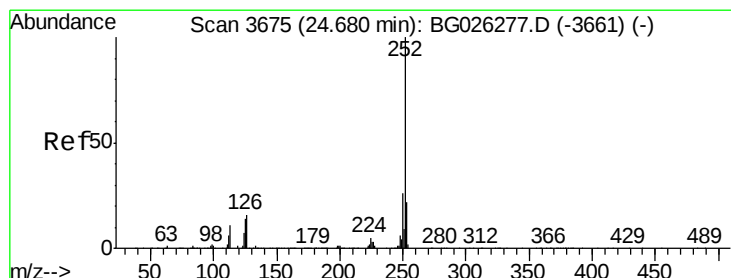
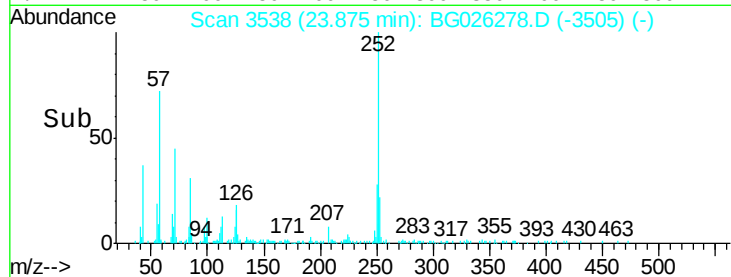
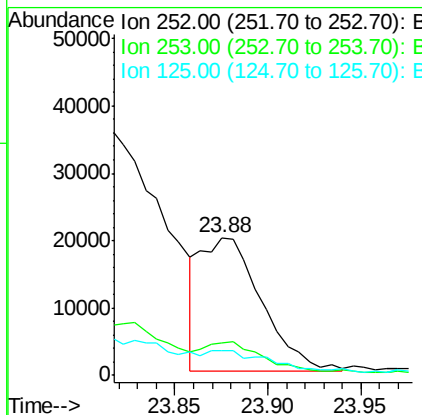
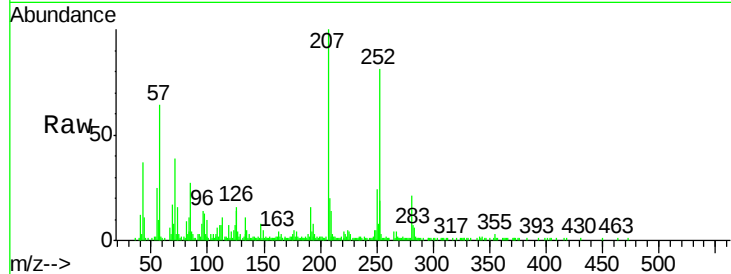
ClientSampled :

CB2X3

Tgt Ion:	252	Resp:	45555
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.4	26.2
125	17.6	8.8	13.2#

Manual Integrations
APPROVED

mohammad
3/20/2017 12:54:26 PM



#27

Benzo(a)pyrene

Concen: 1.27 ng/ul

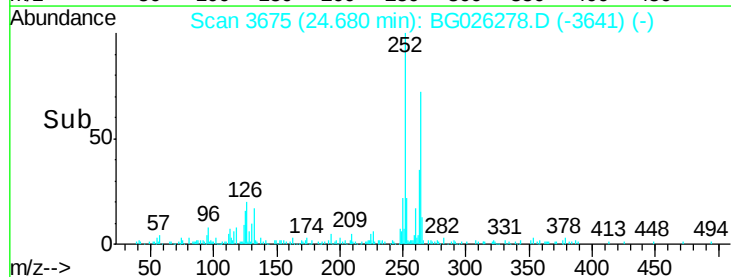
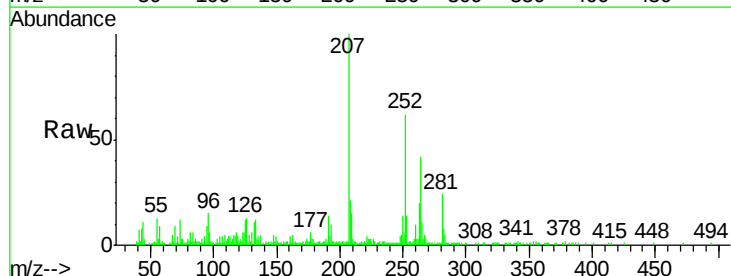
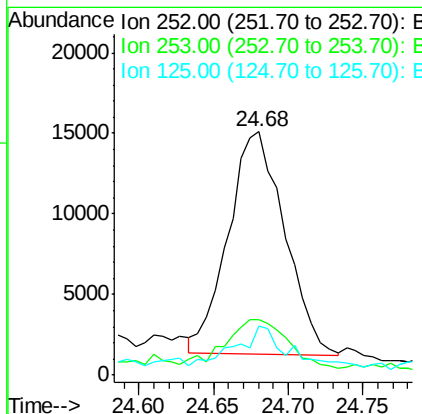
RT: 24.68 min Scan# 3675

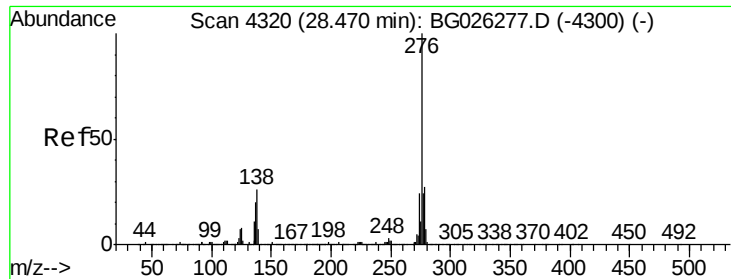
Delta R.T. 0.00 min

Lab File: BG026278.D

Acq: 17 Mar 2017 12:06

Tgt Ion:	252	Resp:	36287
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.1	25.7
125	20.3	9.4	14.2#





#28

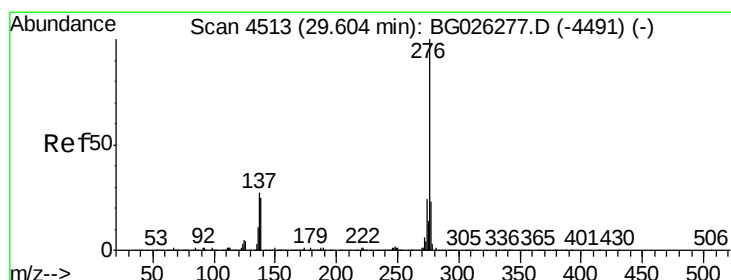
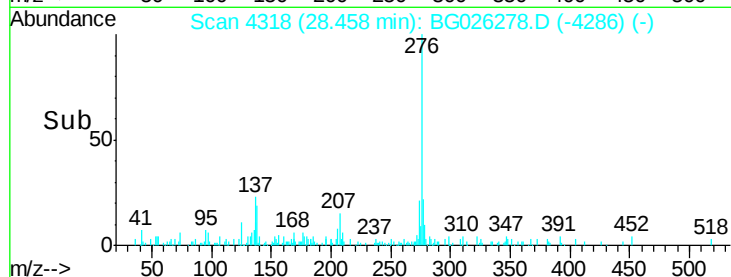
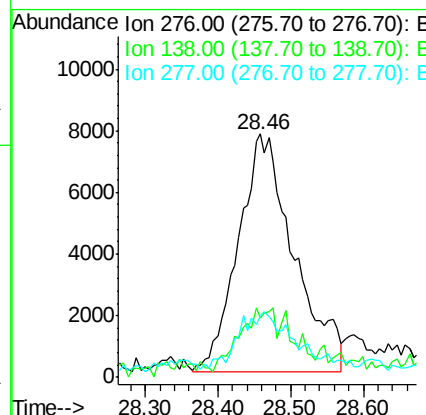
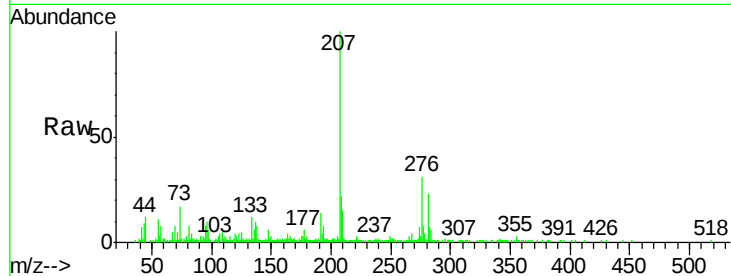
Indeno(1,2,3-cd)pyrene
Concen: 1.30 ng/ul m
RT: 28.46 min Scan# 4318
Delta R.T. -0.01 min
Lab File: BG026278.D
Acq: 17 Mar 2017 12:06

Instrument :
BNA_G
ClientSampled :
CB2X3

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.2	17.8	26.6
277	25.6	19.4	29.0

Manual Integrations
APPROVED

mohammad
3/20/2017 12:54:26 PM



#30

Benzo(g,h,i)perylene
Concen: 1.12 ng/ul
RT: 29.59 min Scan# 4511
Delta R.T. -0.01 min
Lab File: BG026278.D
Acq: 17 Mar 2017 12:06

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.3	19.0	28.4
277	22.4	19.7	29.5

