

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
 Data File : BG046254.D
 Acq On : 13 Aug 2020 18:21
 Operator : CG/JU
 Sample : L3629-12
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFM59

Manual Integrations
 APPROVED

Sohil
 8/14/2020 2:52:28 PM

Quant Time: Aug 13 19:00:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 13 13:50:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	105195	20.00	ng/ul	0.00
2) Naphthalene-d8	10.74	136	419620	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	275068	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.32	188	616724	20.00	ng/ul	0.00
18) Chrysene-d12	21.56	240	594990	20.00	ng/ul	0.00
23) Perylene-d12	24.67	264	629789	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.37	165	76434	10.58	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	308679	12.19	ng/ul	0.00
10) Fluorene-d10	15.57	176	233414	12.03	ng/ul	0.00
15) Anthracene-d10	17.41	188	347453	12.15	ng/ul	0.00
19) Pyrene-d10	19.70	212	406721	13.28	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.45	264	430522	12.53	ng/ul	0.00
Target Compounds				Qvalue		
14) Phenanthrene	17.36	178	171555	5.056	ng/ul	98
17) Fluoranthene	19.36	202	365592	9.664	ng/ul	98
20) Pyrene	19.73	202	331986	8.500	ng/ul	98
21) Benzo(a)anthracene	21.54	228	182432	4.713	ng/ul	98
22) Chrysene	21.61	228	195436	5.222	ng/ul	99
24) Benzo(b)fluoranthene	23.69	252	270298	6.490	ng/ul	99
25) Benzo(k)fluoranthene	23.75	252	104069m	2.519	ng/ul	
27) Benzo(a)pyrene	24.52	252	175469	4.589	ng/ul	97
28) Indeno(1,2,3-cd)pyrene	28.17	276	127563	2.665	ng/ul	98
30) Benzo(g,h,i)perylene	29.25	276	118829m	2.966	ng/ul	

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

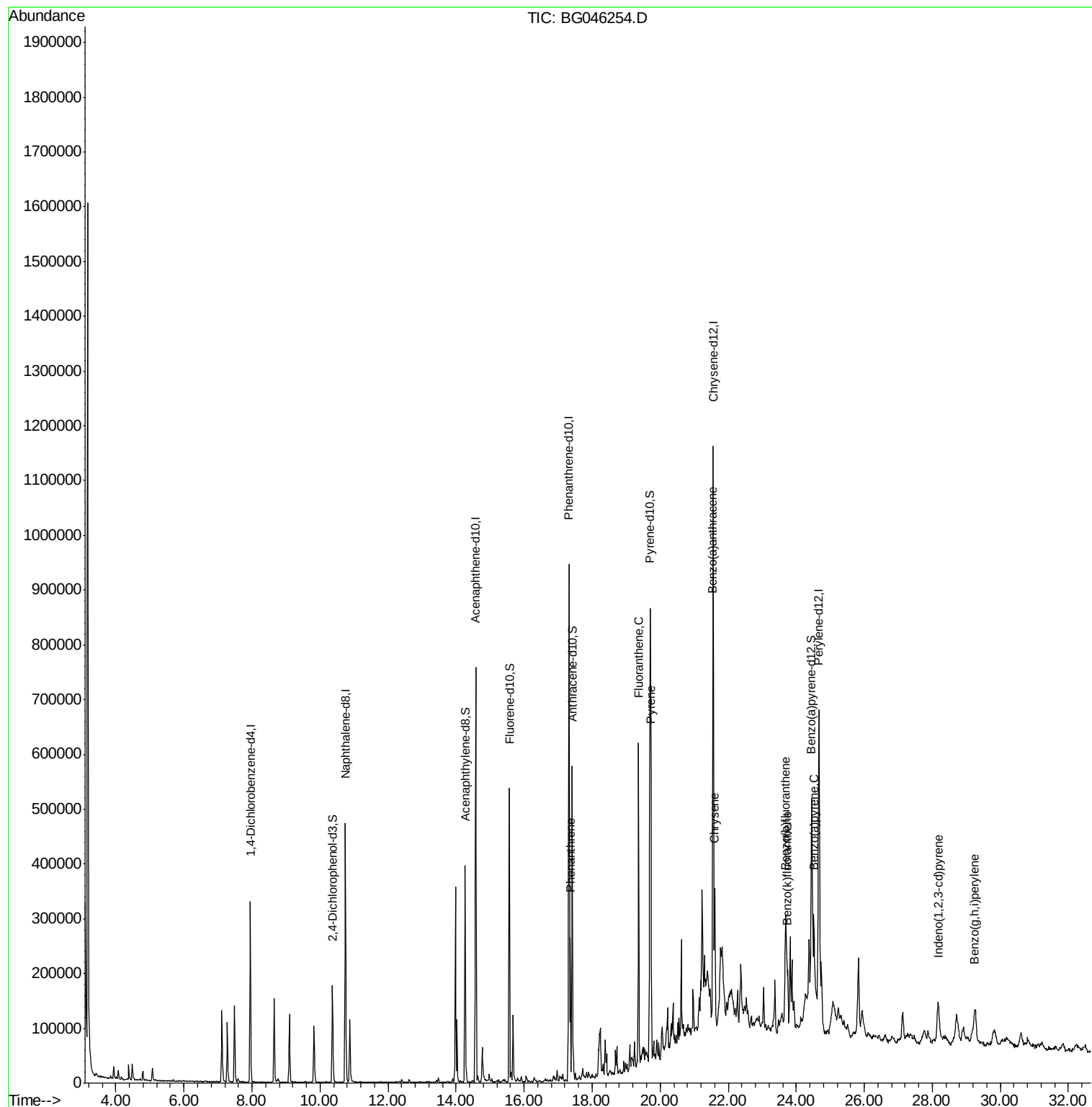
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046254.D
Acq On : 13 Aug 2020 18:21
Operator : CG/JU
Sample : L3629-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

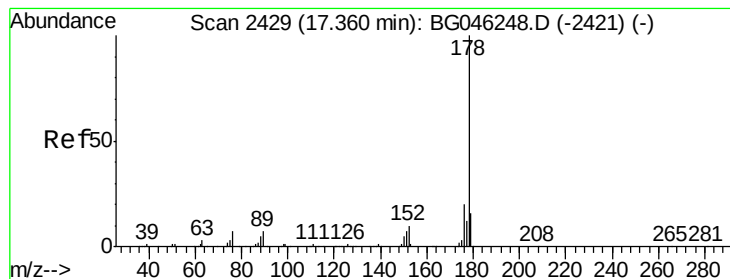
Instrument :
BNA_G
ClientSampleId :
BFM59

Quant Time: Aug 13 19:00:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 13 13:50:19 2020
Response via : Initial Calibration

Manual Integrations
APPROVED

Sohil
8/14/2020 2:52:28 PM





#14

Phenanthrene

Concen: 5.056 ng/ul

RT: 17.36 min Scan# 2429

Delta R.T. 0.00 min

Lab File: BG046254.D

Acq: 13 Aug 2020 18:21

Instrument :

BNA_G

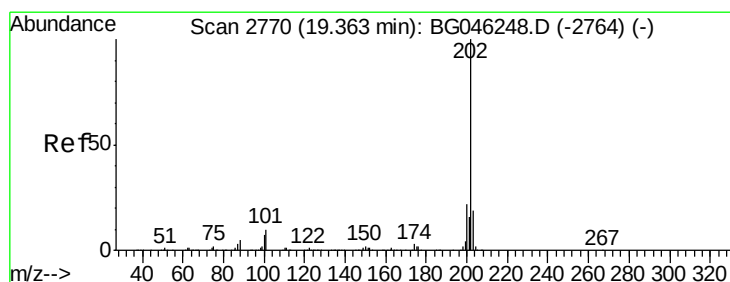
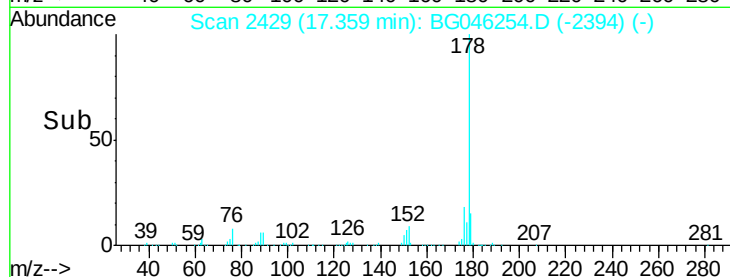
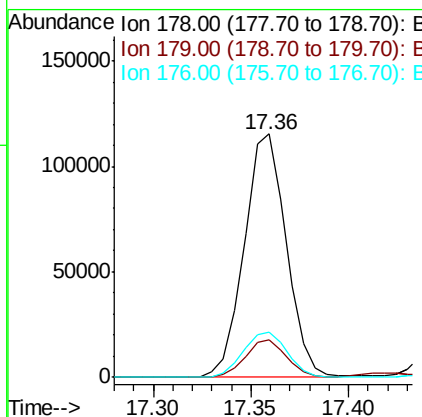
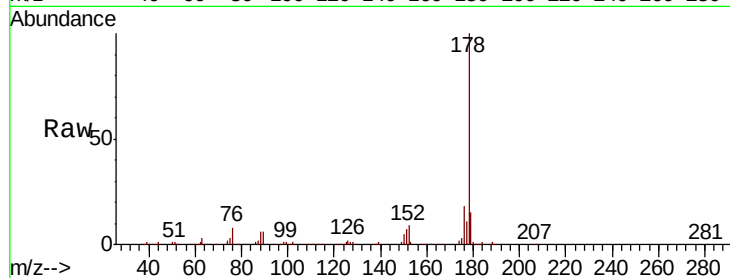
ClientSampleId :

BFM59

Tot Ion:	178	Resp:	171555
Ion Ratio	Lower	Upper	
178	100		
179	15.5	12.8	19.2
176	18.4	15.8	23.8

Manual Integrations
APPROVED

Sohil
8/14/2020 2:52:28 PM



#17

Fluoranthene

Concen: 9.664 ng/ul

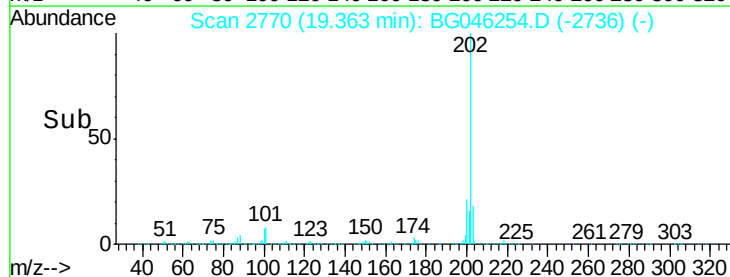
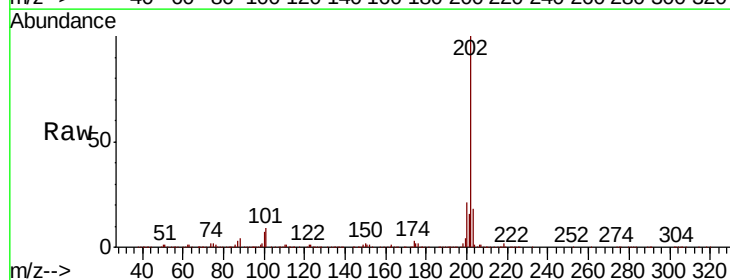
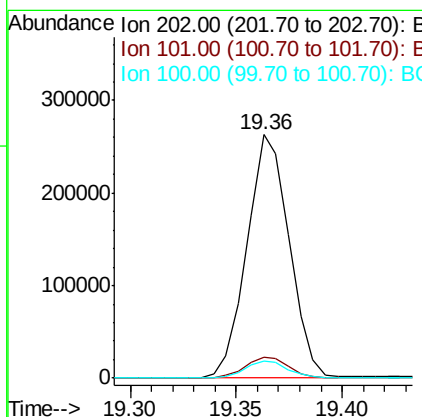
RT: 19.36 min Scan# 2770

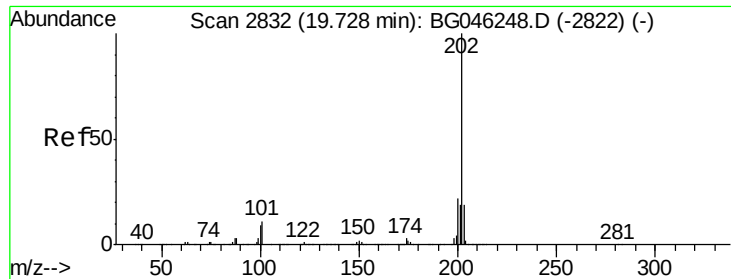
Delta R.T. -0.00 min

Lab File: BG046254.D

Acq: 13 Aug 2020 18:21

Tgt Ion:	202	Resp:	365592
Ion Ratio	Lower	Upper	
202	100		
101	8.6	7.8	11.6
100	7.1	5.9	8.9





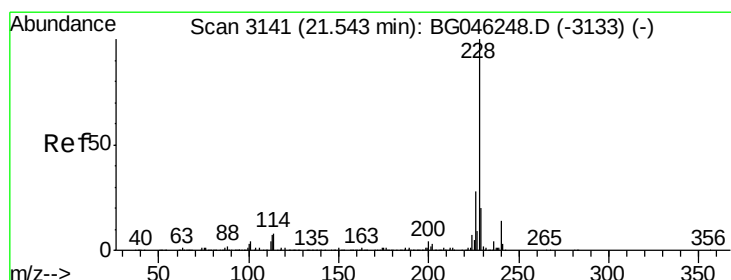
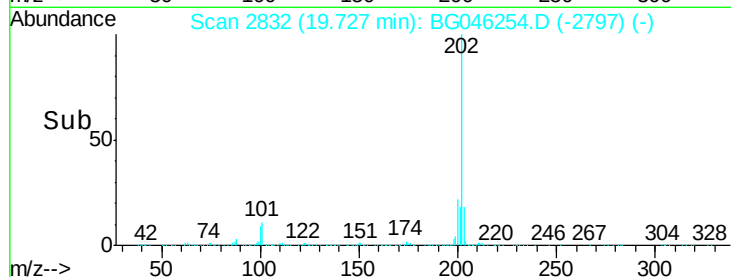
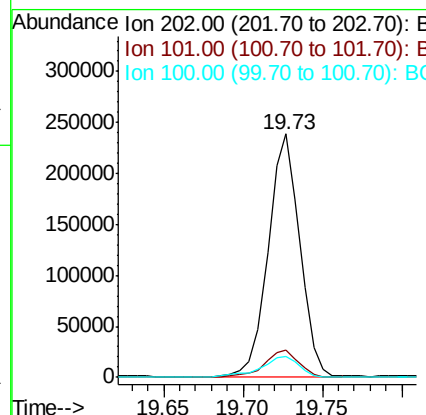
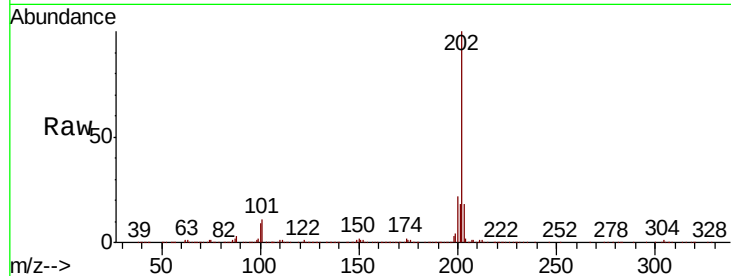
#20
Pvrene
Concen: 8.500 ng/ul
RT: 19.73 min Scan# 2832
Delta R.T. 0.00 min
Lab File: BG046254.D
Acq: 13 Aug 2020 18:21

Instrument :
BNA_G
ClientSampleId :
BFM59

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.1	8.9	13.3
100	8.6	7.9	11.9

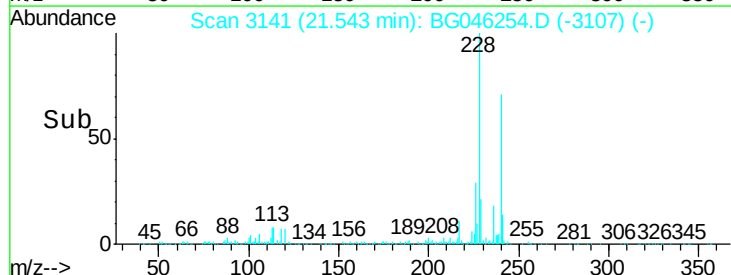
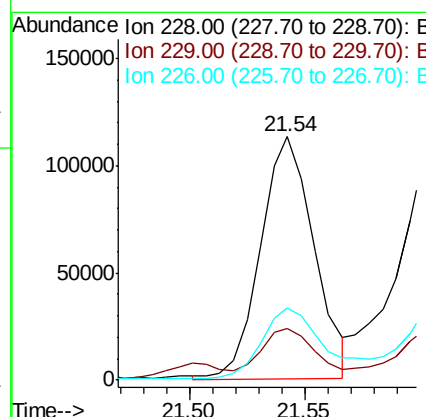
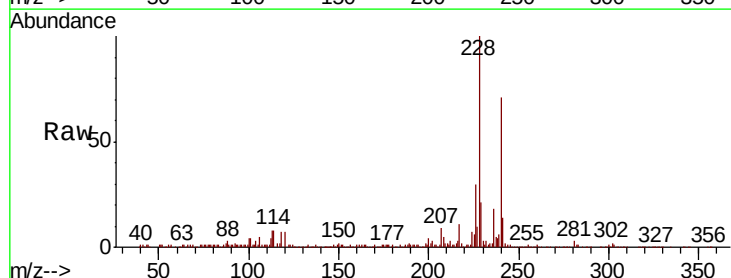
Manual Integrations
APPROVED

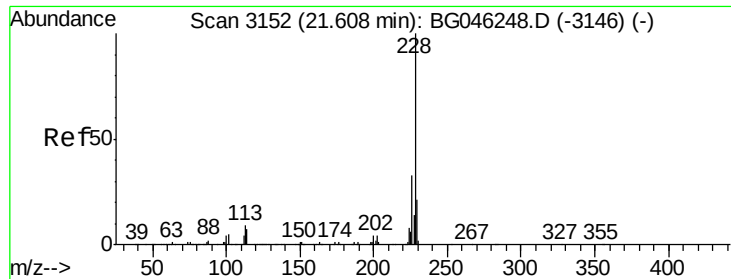
Sohil
8/14/2020 2:52:28 PM



#21
Benzo(a)anthracene
Concen: 4.713 ng/ul
RT: 21.54 min Scan# 3141
Delta R.T. -0.00 min
Lab File: BG046254.D
Acq: 13 Aug 2020 18:21

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	21.3	16.6	25.0
226	29.8	22.6	33.8





#22

Chrysene

Concen: 5.222 ng/ul

RT: 21.61 min Scan# 3152

Delta R.T. 0.00 min

Lab File: BG046254.D

Acq: 13 Aug 2020 18:21

Instrument :

BNA_G

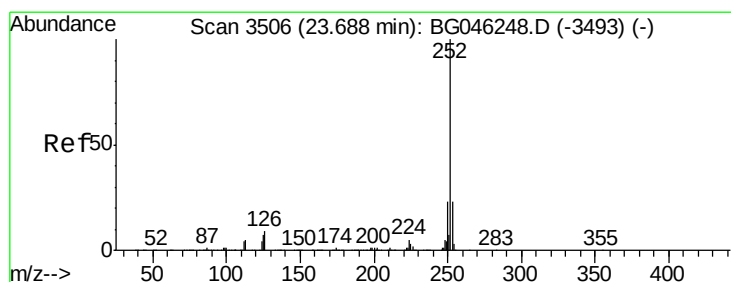
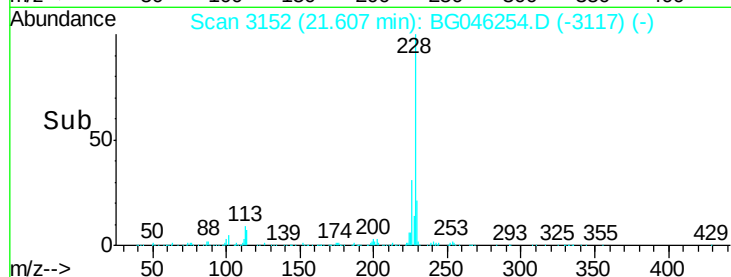
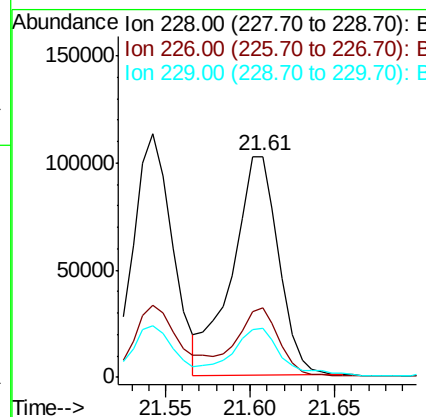
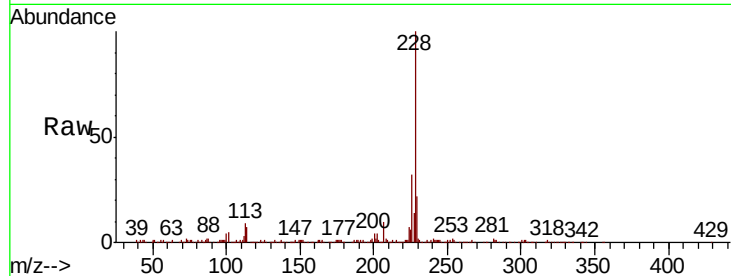
ClientSampled :

BFM59

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.5	38.3
229	22.0	17.0	25.4

Manual Integrations
APPROVED

Sohil
8/14/2020 2:52:28 PM



#24

Benzo(b)fluoranthene

Concen: 6.490 ng/ul

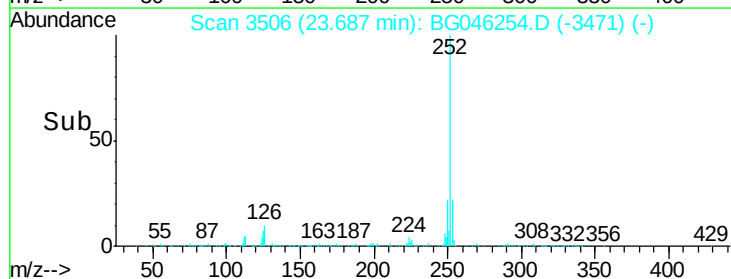
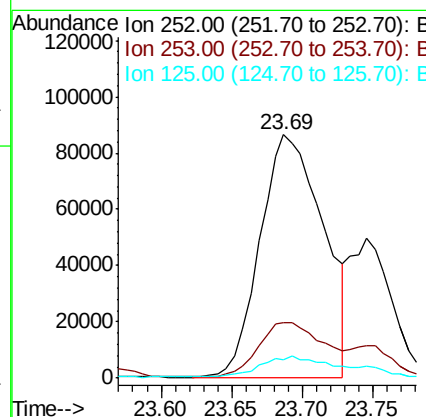
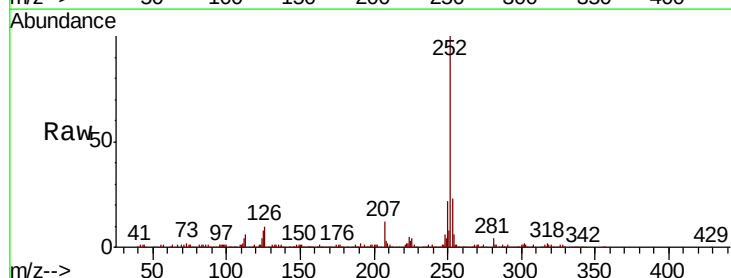
RT: 23.69 min Scan# 3506

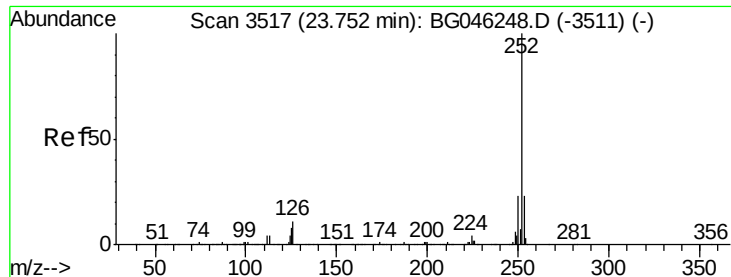
Delta R.T. 0.00 min

Lab File: BG046254.D

Acq: 13 Aug 2020 18:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.6
125	7.6	6.4	9.6





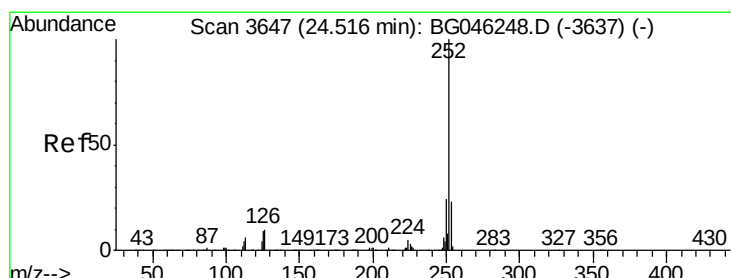
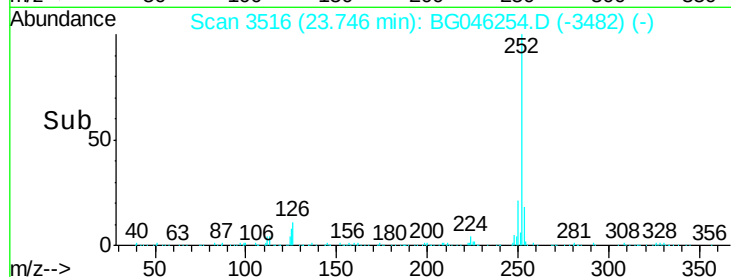
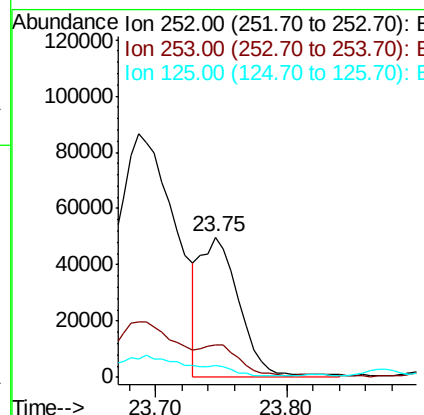
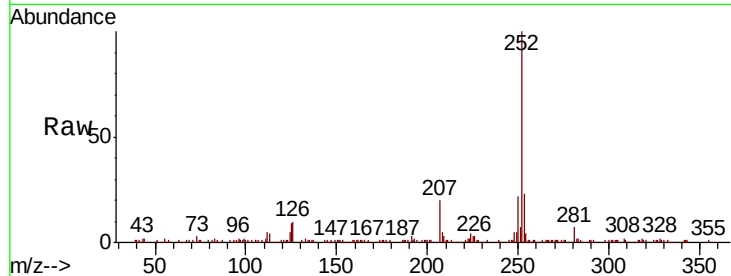
#25
Benzo(k)fluoranthene
Concen: 2.519 ng/ul m
RT: 23.75 min Scan# 3516
Delta R.T. -0.00 min
Lab File: BG046254.D
Acq: 13 Aug 2020 18:21

Instrument :
BNA_G
ClientSampled :
BFM59

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.5	27.7
125	8.8	6.2	9.2

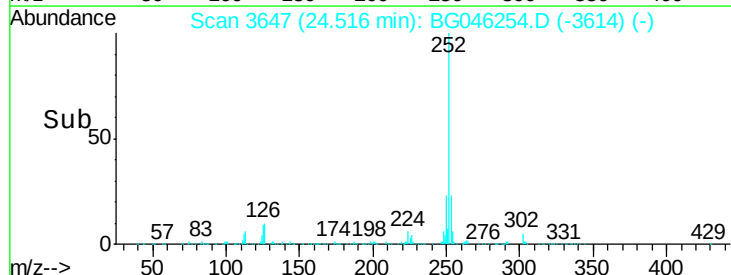
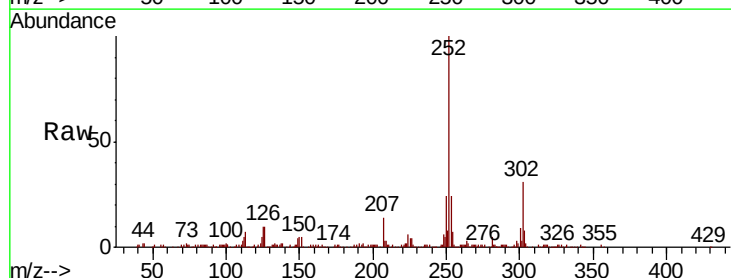
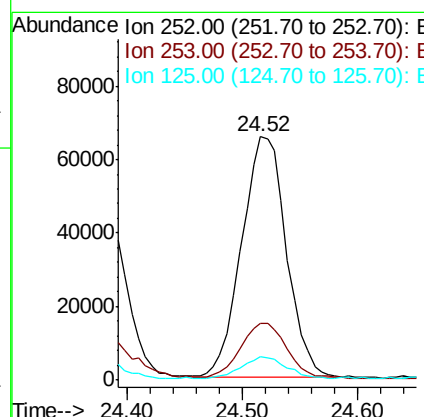
Manual Integrations
APPROVED

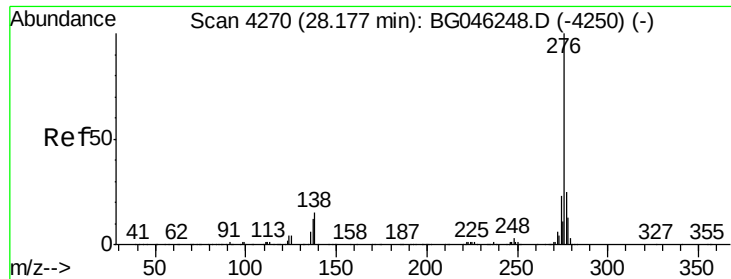
Sohil
8/14/2020 2:52:28 PM



#27
Benzo(a)pyrene
Concen: 4.589 ng/ul
RT: 24.52 min Scan# 3647
Delta R.T. -0.01 min
Lab File: BG046254.D
Acq: 13 Aug 2020 18:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.8	26.8
125	9.7	7.1	10.7





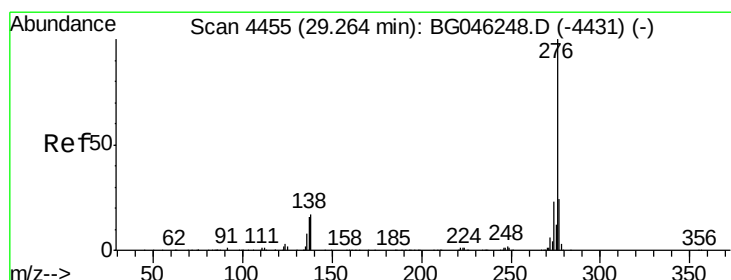
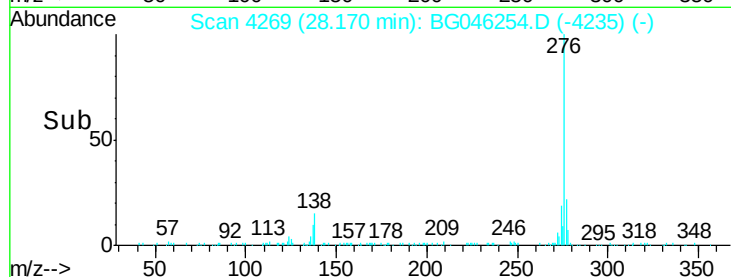
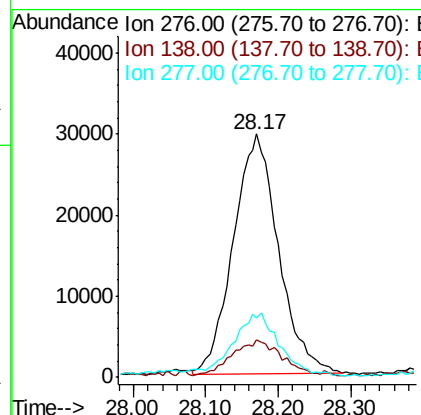
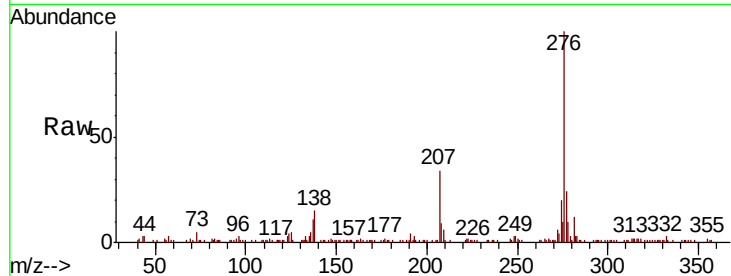
#28
 Indeno(1,2,3-cd)pyrene
 Concen: 2.665 ng/ul
 RT: 28.17 min Scan# 4269
 Delta R.T. -0.00 min
 Lab File: BG046254.D
 Acq: 13 Aug 2020 18:21

Instrument :
 BNA_G
 ClientSampled :
 BFM59

Tot Ion	Ion	Ratio	Resp	Lower	Upper
276	100				
138	15.5	13.2	19.8		
277	24.1	19.9	29.9		

Manual Integrations
 APPROVED

Sohil
 8/14/2020 2:52:28 PM



#30
 Benzo(g,h,i)perylene
 Concen: 2.966 ng/ul m
 RT: 29.25 min Scan# 4453
 Delta R.T. -0.01 min
 Lab File: BG046254.D
 Acq: 13 Aug 2020 18:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
276	100				
138	17.1	12.9	19.3		
277	25.8	19.4	29.0		

