

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
 Data File : BG046260.D
 Acq On : 13 Aug 2020 22:23
 Operator : CG/JU
 Sample : L3629-18
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFM65

Manual Integrations
 APPROVED

Sohil
 8/14/2020 2:52:35 PM

Quant Time: Aug 14 07:55:06 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	127899	20.00	ng/ul	0.00
2) Naphthalene-d8	10.75	136	509961	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	325554	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.32	188	720528	20.00	ng/ul	0.00
18) Chrysene-d12	21.57	240	718367	20.00	ng/ul	0.00
23) Perylene-d12	24.67	264	759314	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.37	165	37309	4.25	ng/ul	0.00
7) Acenaphthylene-d8	14.27	160	158432	5.29	ng/ul	0.00
10) Fluorene-d10	15.57	176	123692	5.39	ng/ul	0.00
15) Anthracene-d10	17.41	188	182419	5.46	ng/ul	0.00
19) Pyrene-d10	19.70	212	210162	5.68	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.46	264	214111	5.17	ng/ul	0.00
Target Compounds				Qvalue		
14) Phenanthrene	17.36	178	127214	3.209	ng/ul	98
17) Fluoranthene	19.37	202	222362	5.031	ng/ul	98
20) Pyrene	19.73	202	190092	4.031	ng/ul	99
21) Benzo(a)anthracene	21.54	228	101408	2.170	ng/ul	98
22) Chrysene	21.61	228	107838	2.387	ng/ul	98
24) Benzo(b)fluoranthene	23.69	252	145519	2.898	ng/ul	99
25) Benzo(k)fluoranthene	23.74	252	53780m	1.080	ng/ul	
27) Benzo(a)pyrene	24.52	252	88142	1.912	ng/ul	98
28) Indeno(1,2,3-cd)pyrene	28.16	276	65017	1.126	ng/ul	100
30) Benzo(g,h,i)perylene	29.26	276	49231m	1.019	ng/ul	

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

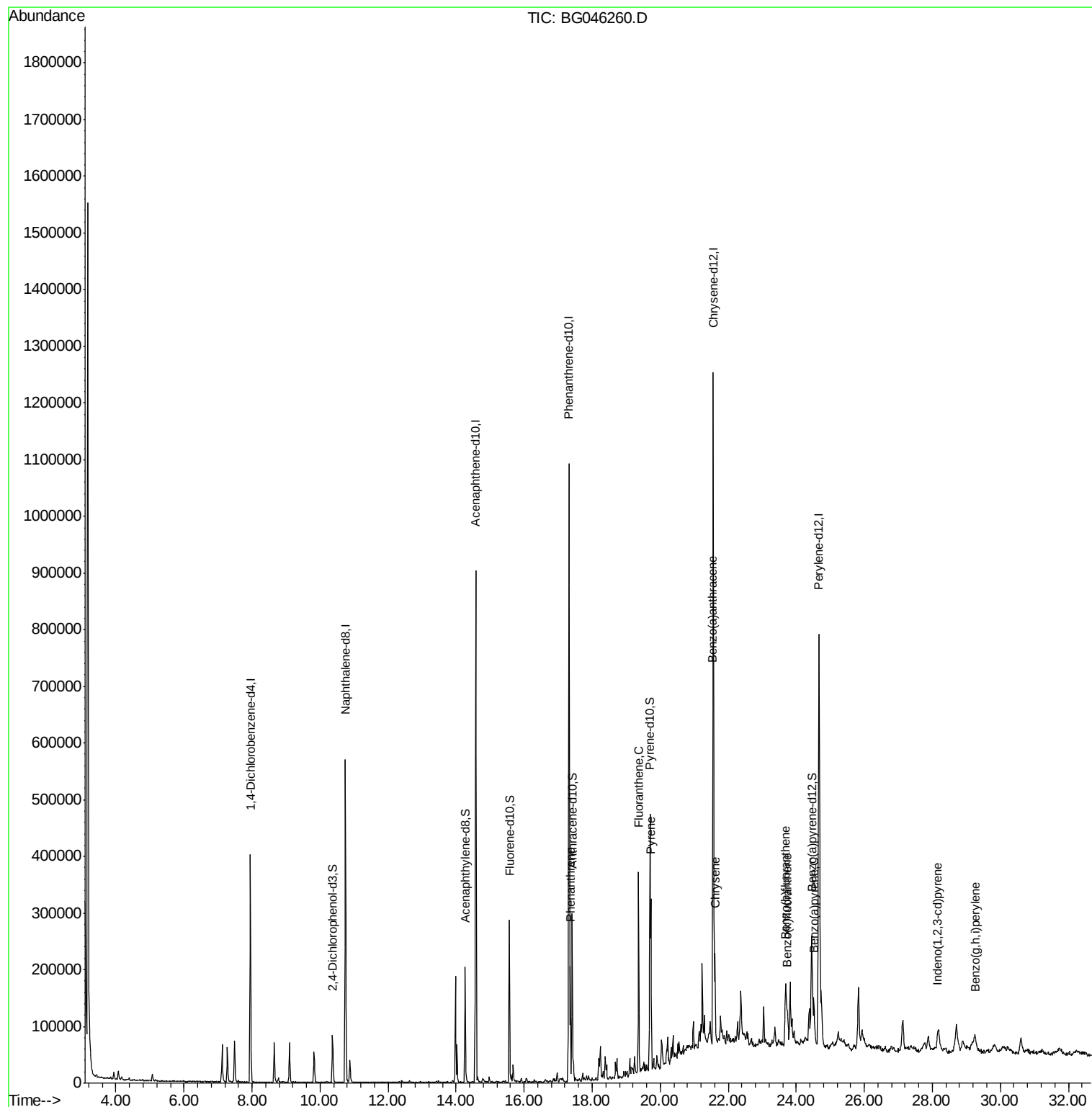
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046260.D
Acq On : 13 Aug 2020 22:23
Operator : CG/JU
Sample : L3629-18
Misc :
ALS Vial : 14 Sample Multiplier: 1

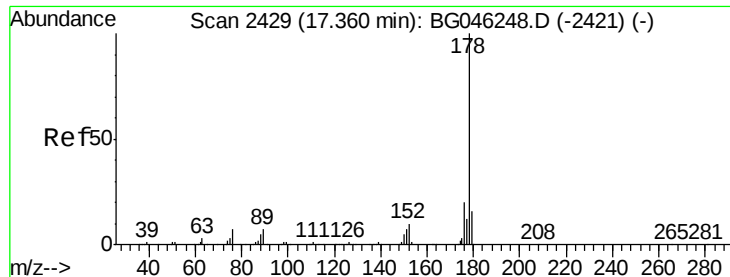
Instrument :
BNA_G
ClientSampleId :
BFM65

Quant Time: Aug 14 07:55:06 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 2:52:35 PM





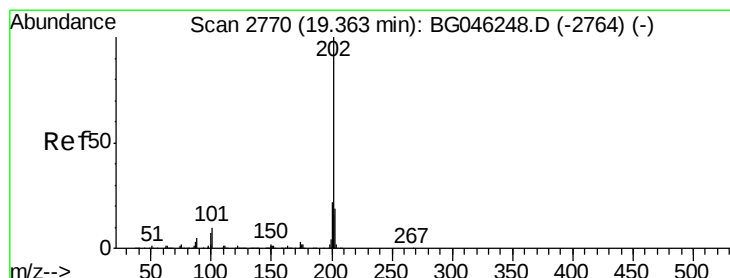
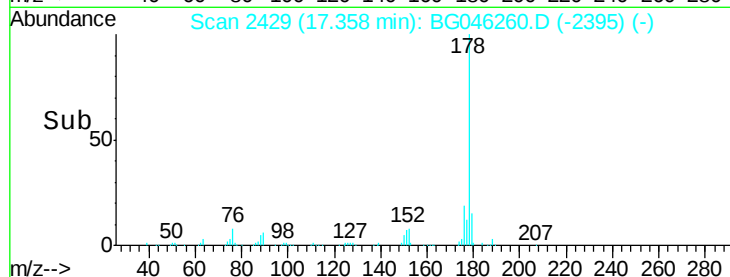
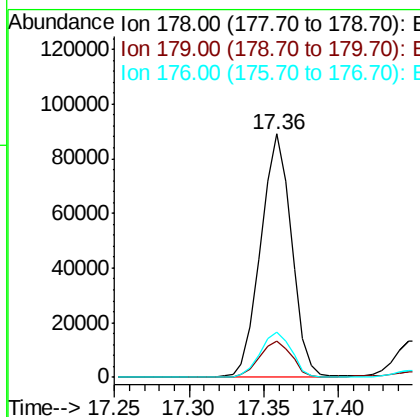
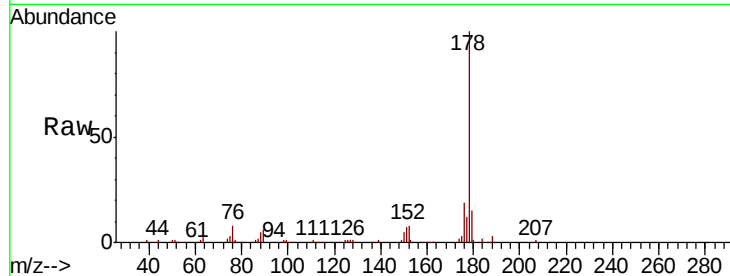
#14
Phenanthrene
Concen: 3.209 ng/ul
RT: 17.36 min Scan# 2429
Delta R.T. 0.00 min
Lab File: BG046260.D
Acq: 13 Aug 2020 22:23

Instrument :
BNA_G
ClientSampleId :
BFM65

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.8	19.2
176	18.6	15.8	23.8

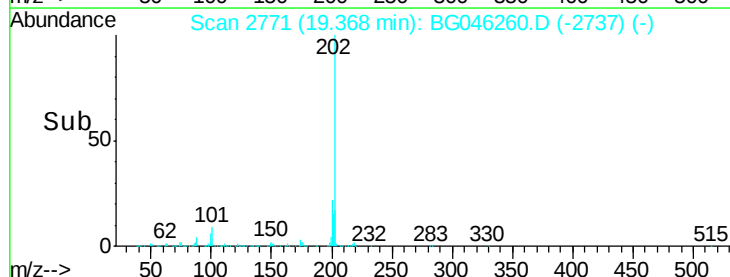
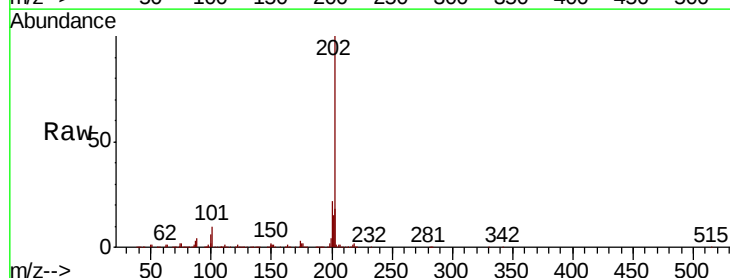
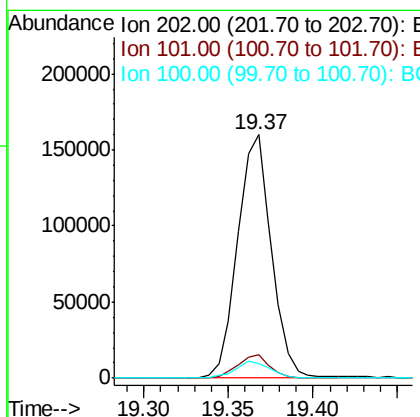
Manual Integrations
APPROVED

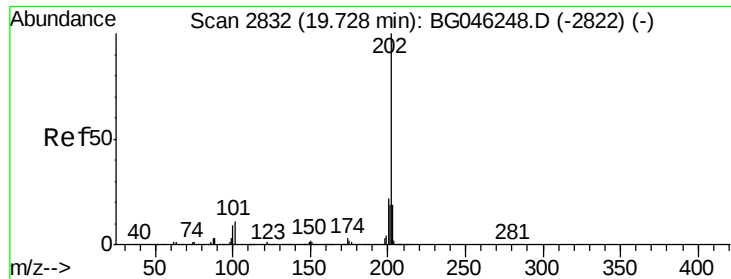
Sohil
8/14/2020 2:52:35 PM



#17
Fluoranthene
Concen: 5.031 ng/ul
RT: 19.37 min Scan# 2771
Delta R.T. 0.00 min
Lab File: BG046260.D
Acq: 13 Aug 2020 22:23

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.5	7.8	11.6
100	6.2	5.9	8.9





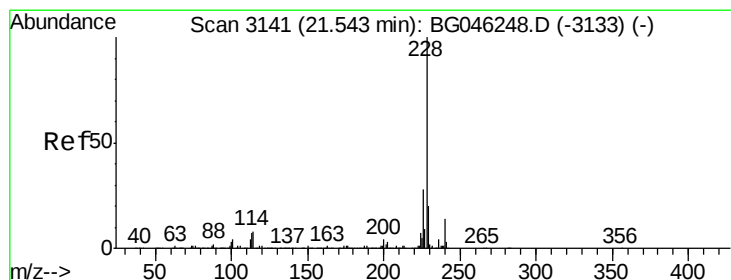
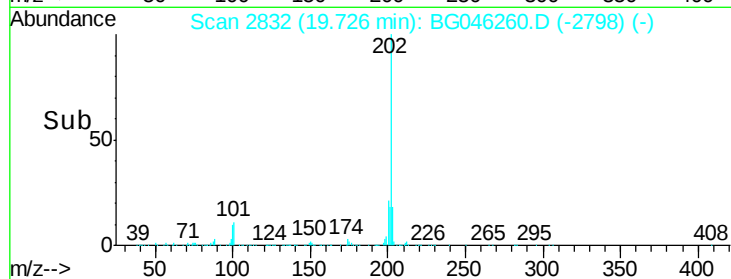
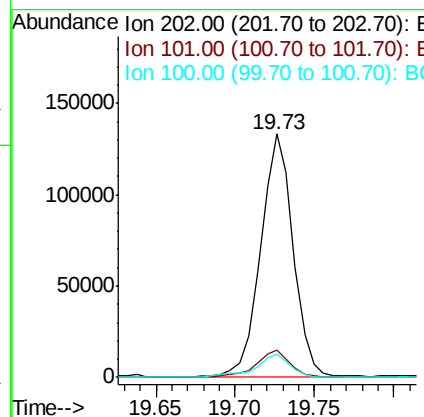
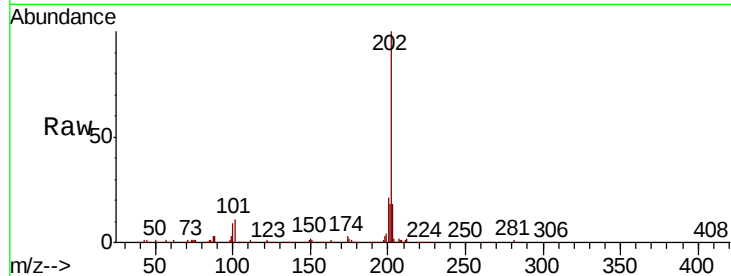
#20
Pvrene
Concen: 4.031 ng/ul
RT: 19.73 min Scan# 2832
Delta R.T. 0.00 min
Lab File: BG046260.D
Acq: 13 Aug 2020 22:23

Instrument :
BNA_G
ClientSampleId :
BFM65

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.1	8.9	13.3
100	9.4	7.9	11.9

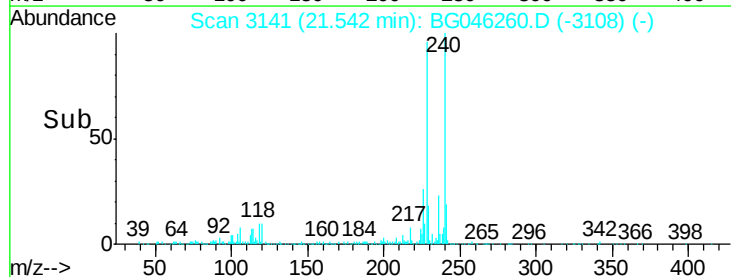
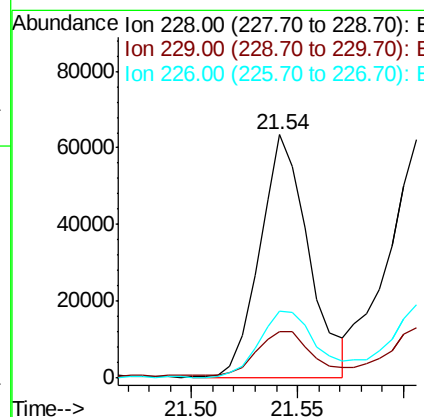
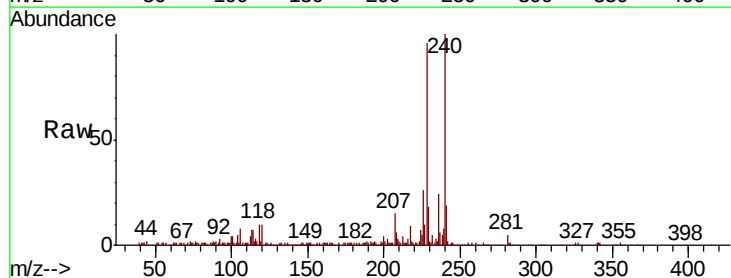
Manual Integrations
APPROVED

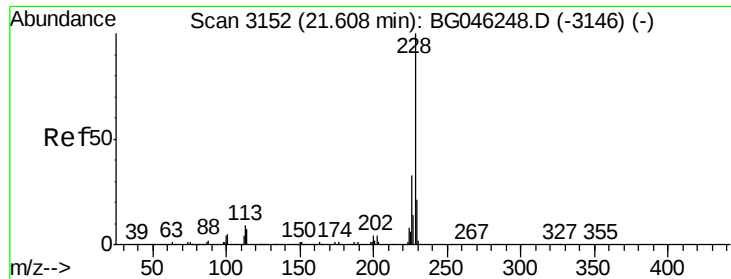
Sohil
8/14/2020 2:52:35 PM



#21
Benzo(a)anthracene
Concen: 2.170 ng/ul
RT: 21.54 min Scan# 3141
Delta R.T. -0.00 min
Lab File: BG046260.D
Acq: 13 Aug 2020 22:23

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	19.2	16.6	25.0
226	27.3	22.6	33.8





#22

Chrysene

Concen: 2.387 ng/ul

RT: 21.61 min Scan# 3152

Delta R.T. 0.00 min

Lab File: BG046260.D

Acq: 13 Aug 2020 22:23

Instrument :

BNA_G

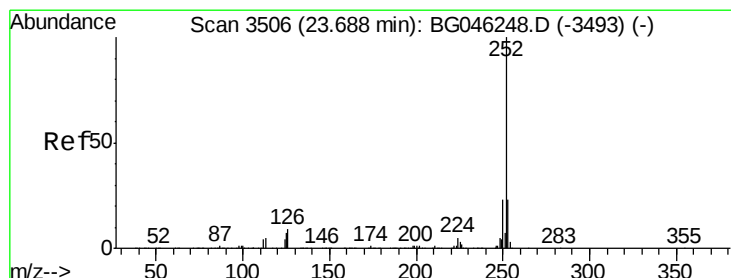
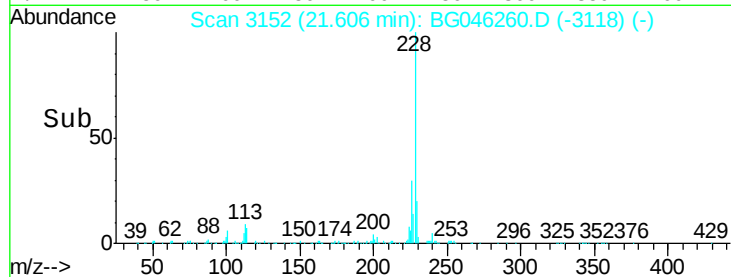
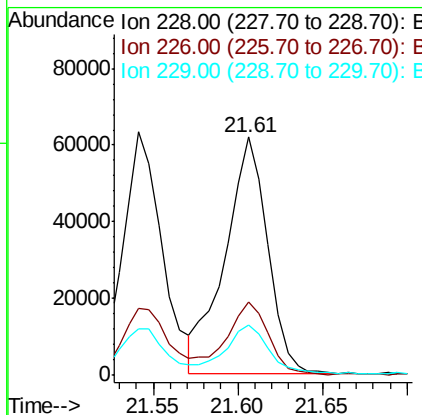
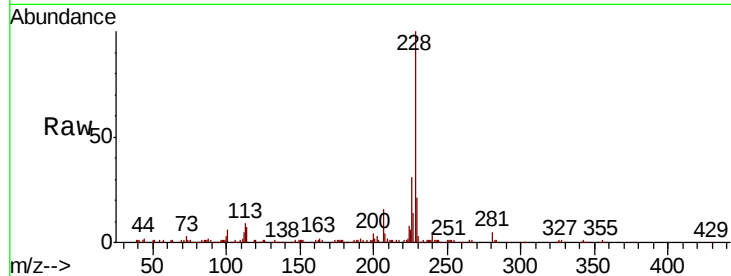
ClientSampleId :

BFM65

Tot Ion:	228	Resp:	107838
Ion Ratio	Lower	Upper	
228	100		
226	30.6	25.5	38.3
229	21.0	17.0	25.4

Manual Integrations
APPROVED

Sohil
8/14/2020 2:52:35 PM



#24

Benzo(b)fluoranthene

Concen: 2.898 ng/ul

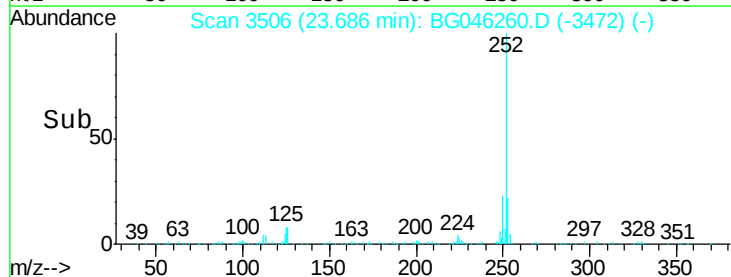
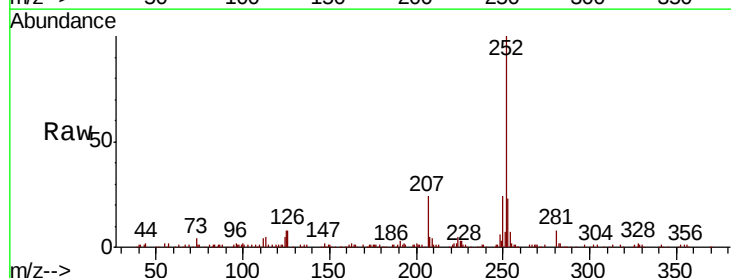
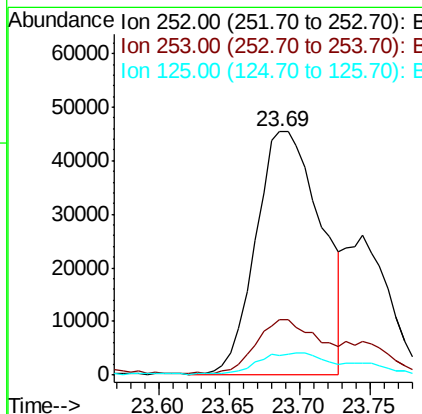
RT: 23.69 min Scan# 3506

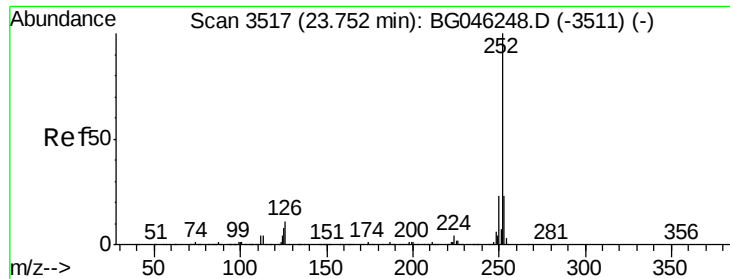
Delta R.T. 0.00 min

Lab File: BG046260.D

Acq: 13 Aug 2020 22:23

Tgt Ion:	252	Resp:	145519
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.8	26.6
125	8.3	6.4	9.6





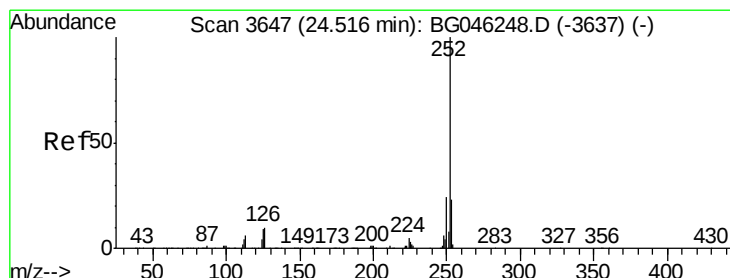
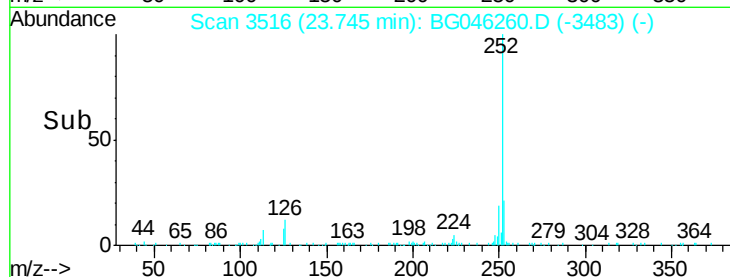
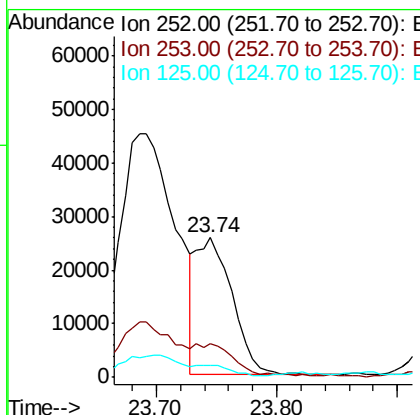
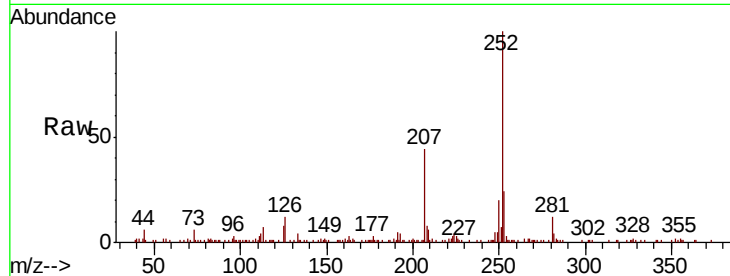
#25
Benzo(k)fluoranthene
Concen: 1.080 ng/ul m
RT: 23.74 min Scan# 3516
Delta R.T. -0.00 min
Lab File: BG046260.D
Acq: 13 Aug 2020 22:23

Instrument :
BNA_G
ClientSampled :
BFM65

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.5	27.7
125	8.4	6.2	9.2

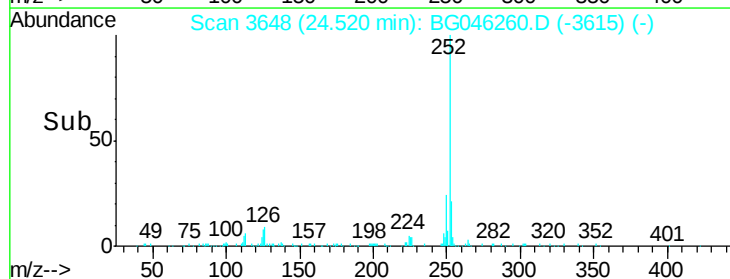
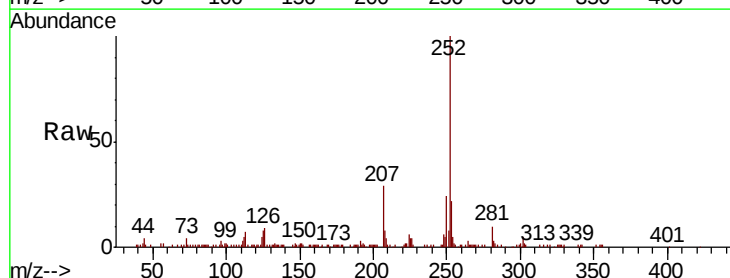
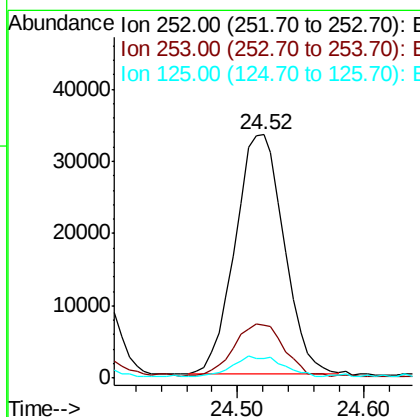
Manual Integrations
APPROVED

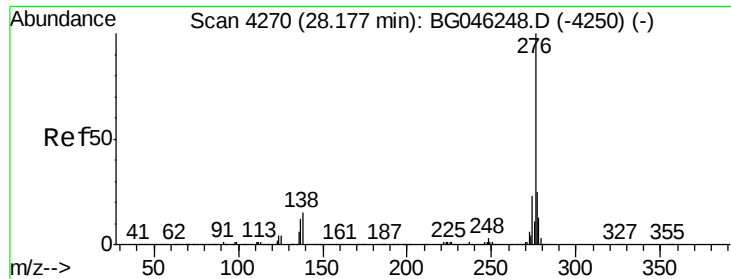
Sohil
8/14/2020 2:52:35 PM



#27
Benzo(a)pyrene
Concen: 1.912 ng/ul
RT: 24.52 min Scan# 3648
Delta R.T. -0.00 min
Lab File: BG046260.D
Acq: 13 Aug 2020 22:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.8	26.8
125	8.0	7.1	10.7





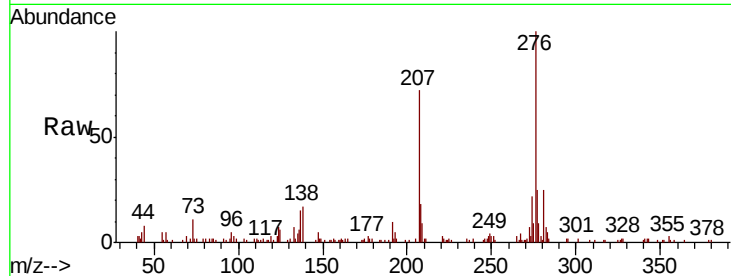
#28
 Indeno(1,2,3-cd)pyrene
 Concen: 1.126 ng/ul
 RT: 28.16 min Scan# 4268
 Delta R.T. -0.01 min
 Lab File: BG046260.D
 Acq: 13 Aug 2020 22:23

Instrument :
 BNA_G
 ClientSampleId :
 BFM65

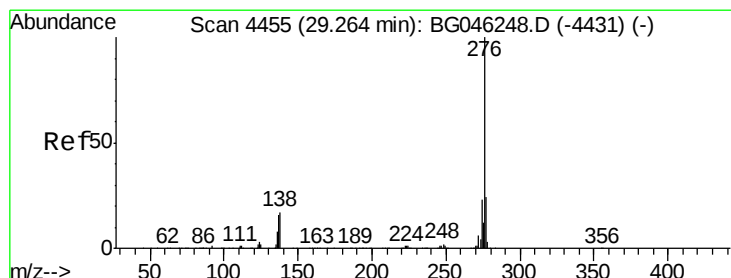
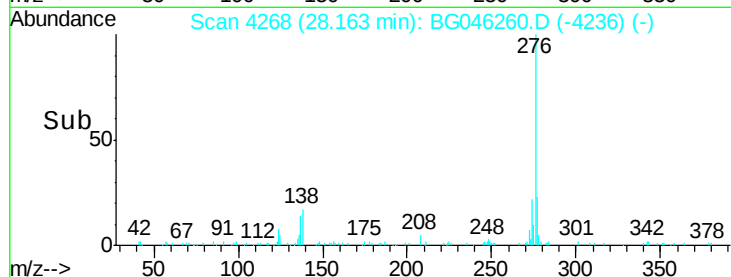
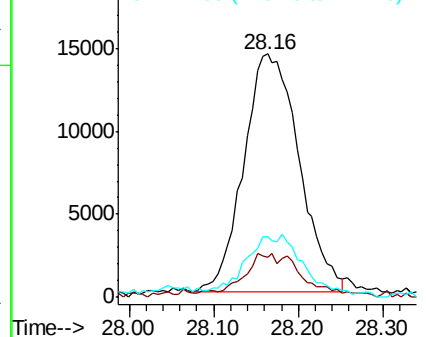
Tot Ion:276	Resp:	65017
Ion Ratio	Lower	Upper
276 100		
138 16.6	13.2	19.8
277 25.0	19.9	29.9

Manual Integrations
 APPROVED

Sohil
 8/14/2020 2:52:35 PM



Abundance Ion 276.00 (275.70 to 276.70): E
 20000 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E



#30
 Benzo(g,h,i)perylene
 Concen: 1.019 ng/ul m
 RT: 29.26 min Scan# 4455
 Delta R.T. -0.00 min
 Lab File: BG046260.D
 Acq: 13 Aug 2020 22:23

Tgt Ion:276	Resp:	49231
Ion Ratio	Lower	Upper
276 100		
138 15.6	12.9	19.3
277 23.7	19.4	29.0

Abundance Ion 276.00 (275.70 to 276.70): E
 15000 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

