

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
 Data File : BG046335.D
 Acq On : 18 Aug 2020 19:52
 Operator : CG/JU
 Sample : L3636-11
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFMK7

Manual Integrations
 APPROVED

mohammad
 8/19/2020 2:18:01 PM

Quant Time: Aug 19 01:48:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 19 01:05:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	85974	20.00	ng/ul	0.00
2) Naphthalene-d8	10.74	136	342502	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	225510	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	519624	20.00	ng/ul	0.00
18) Chrysene-d12	21.56	240	528573	20.00	ng/ul	0.00
23) Perylene-d12	24.66	264	565859	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	24337	4.13	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	100495	4.84	ng/ul	0.00
10) Fluorene-d10	15.56	176	82572	5.19	ng/ul	0.00
15) Anthracene-d10	17.40	188	119317	4.95	ng/ul	0.00
19) Pyrene-d10	19.69	212	132321	4.86	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.44	264	134092	4.34	ng/ul	0.00
Target Compounds				Qvalue		
14) Phenanthrene	17.35	178	328289	11.484	ng/ul	99
16) Anthracene	17.44	178	56456	1.957	ng/ul	99
17) Fluoranthene	19.36	202	509256	15.977	ng/ul	98
20) Pyrene	19.72	202	417897	12.045	ng/ul	99
21) Benzo(a)anthracene	21.53	228	246082	7.155	ng/ul	99
22) Chrysene	21.60	228	250088	7.522	ng/ul	96
24) Benzo(b)fluoranthene	23.68	252	303667	8.115	ng/ul	99
25) Benzo(k)fluoranthene	23.74	252	112735m	3.037	ng/ul	
27) Benzo(a)pyrene	24.51	252	181270	5.277	ng/ul	100
28) Indeno(1,2,3-cd)pyrene	28.16	276	120897	2.811	ng/ul	95
29) Dibenzo(a,h)anthracene	28.21	278	36180m	1.037	ng/ul	
30) Benzo(a,h,i)perylene	29.26	276	75030m	2.084	ng/ul	

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

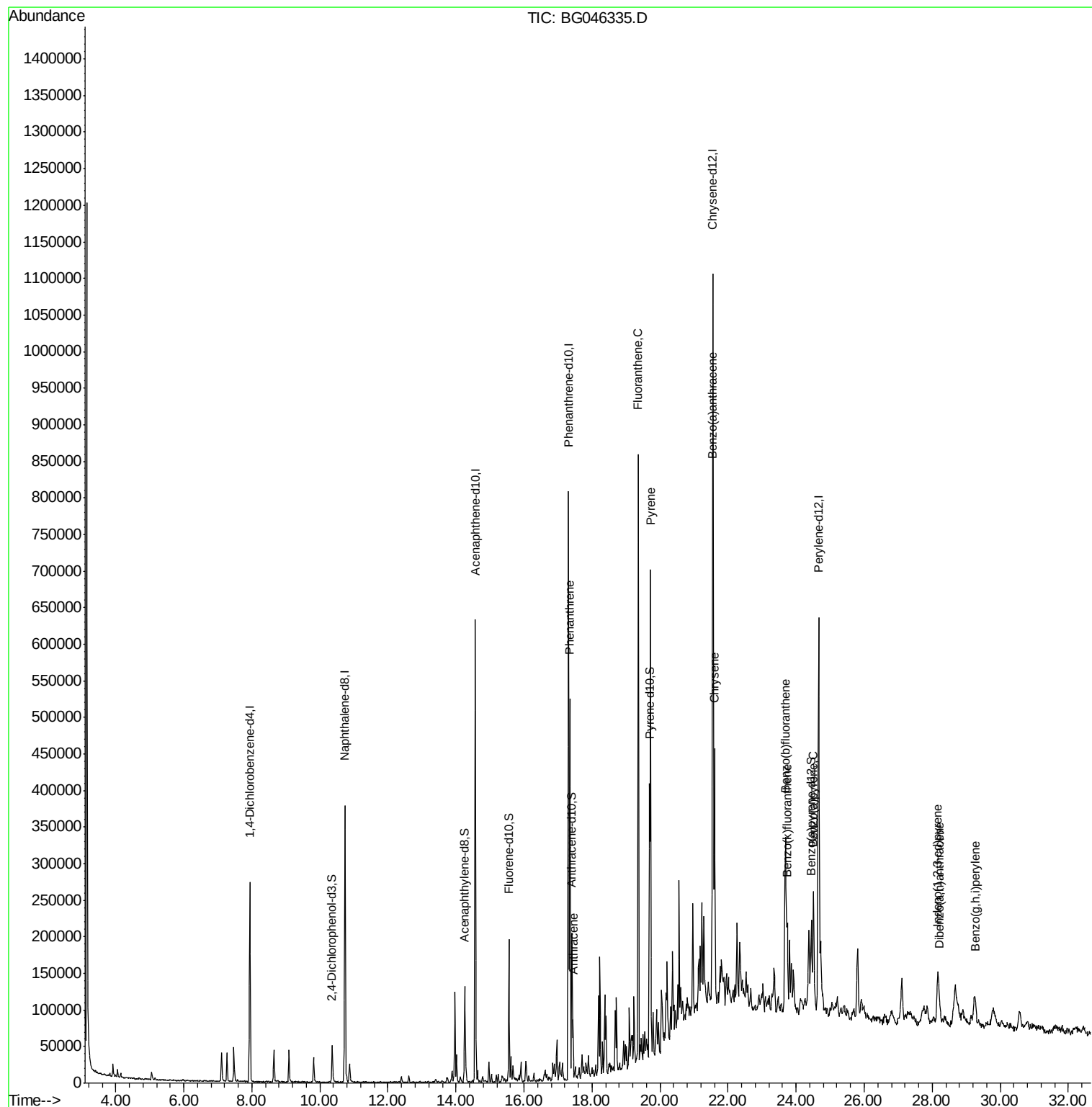
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046335.D
Acq On : 18 Aug 2020 19:52
Operator : CG/JU
Sample : L3636-11
Misc :
ALS Vial : 42 Sample Multiplier: 1

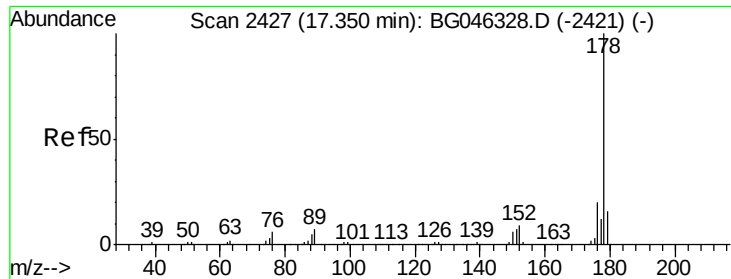
Instrument :
BNA_G
ClientSampleId :
BFMK7

Quant Time: Aug 19 01:48:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 19 01:05:23 2020
Response via : Initial Calibration

Manual Integrations
APPROVED

mohammad
8/19/2020 2:18:01 PM





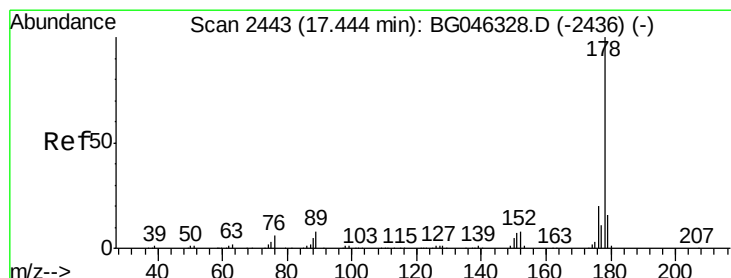
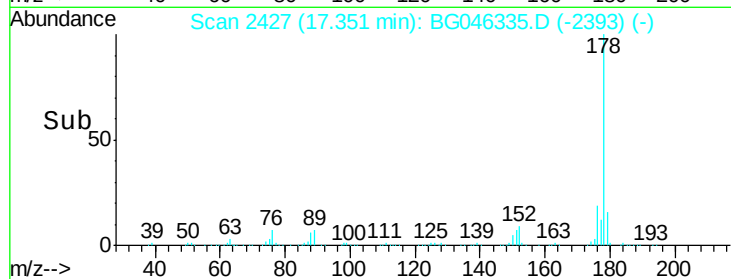
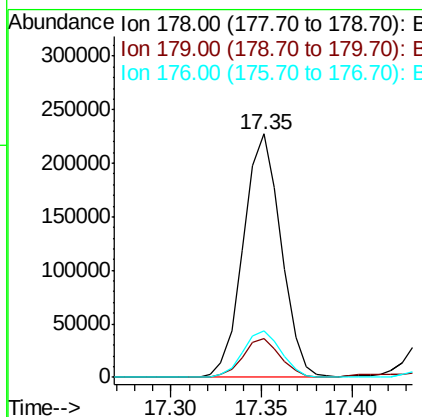
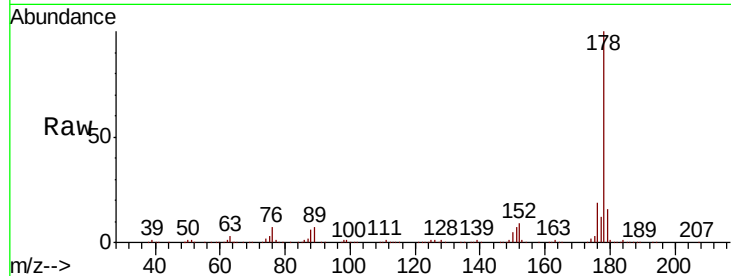
#14
Phenanthrene
Concen: 11.484 ng/ul
RT: 17.35 min Scan# 2427
Delta R.T. 0.00 min
Lab File: BG046335.D
Acq: 18 Aug 2020 19:52

Instrument :
BNA_G
ClientSampleId :
BFMK7

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.8	19.2
176	19.3	15.8	23.8

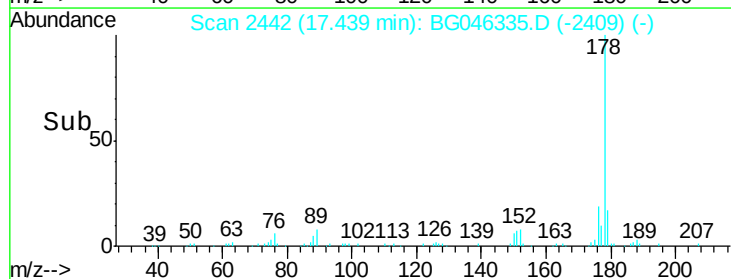
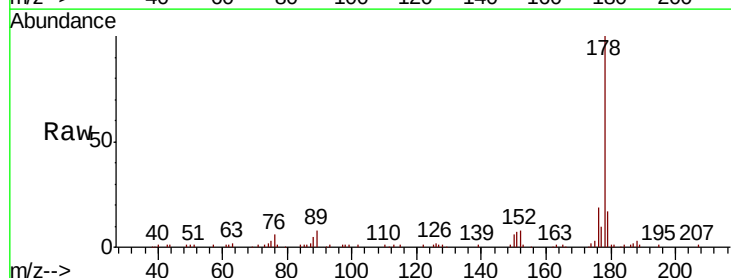
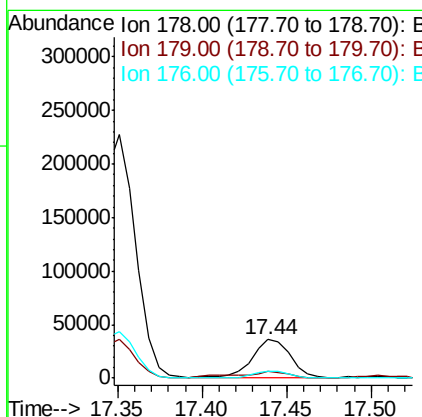
Manual Integrations
APPROVED

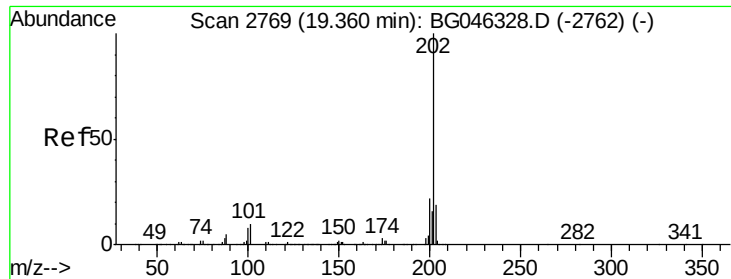
mohammad
8/19/2020 2:18:01 PM



#16
Anthracene
Concen: 1.957 ng/ul
RT: 17.44 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BG046335.D
Acq: 18 Aug 2020 19:52

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.5	13.2	19.8
176	18.5	15.2	22.8





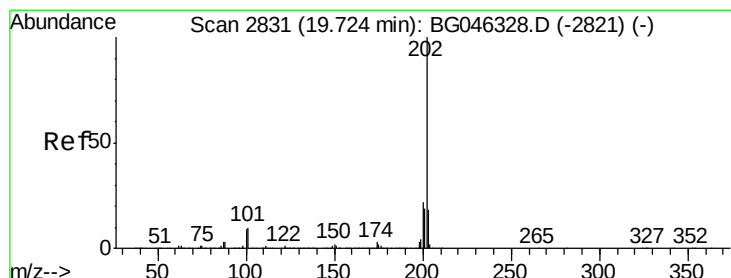
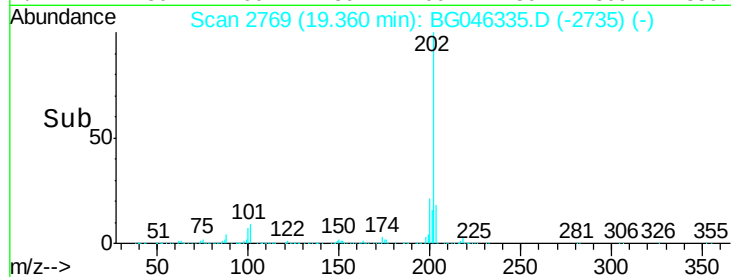
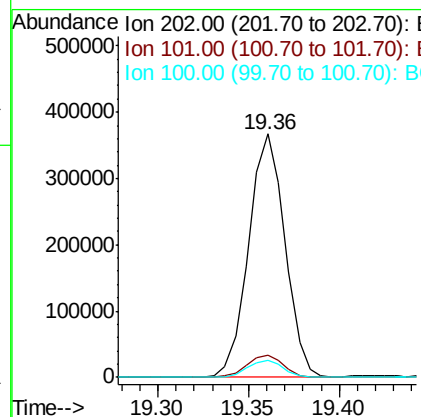
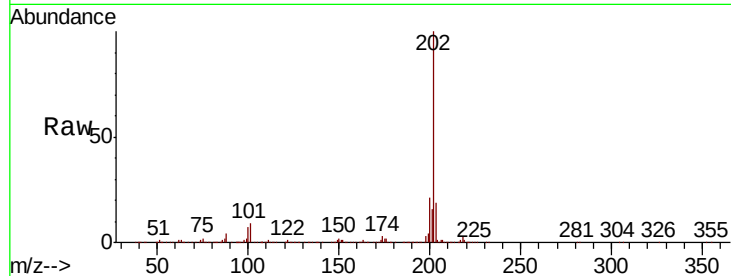
#17
Fluoranthene
 Concen: 15.977 ng/ul
 RT: 19.36 min Scan# 2769
 Delta R.T. 0.00 min
 Lab File: BG046335.D
 Acq: 18 Aug 2020 19:52

Instrument :
 BNA_G
 ClientSampleId :
 BFMK7

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		509256		
101	8.9	7.8	11.6		
100	7.0	5.9	8.9		

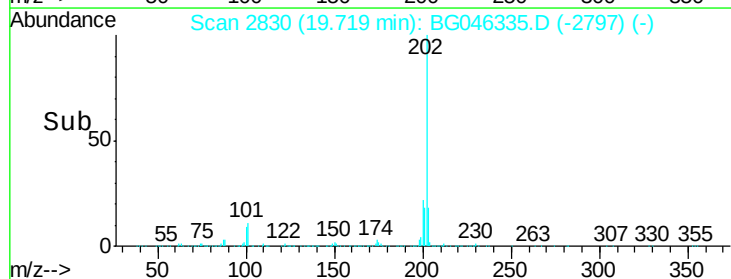
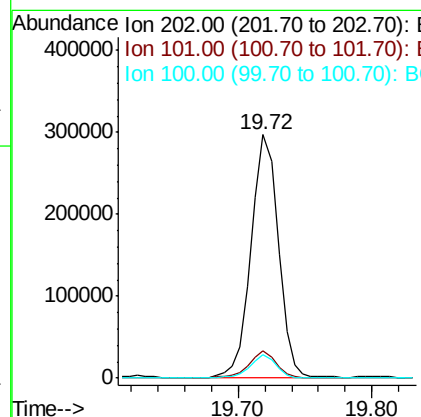
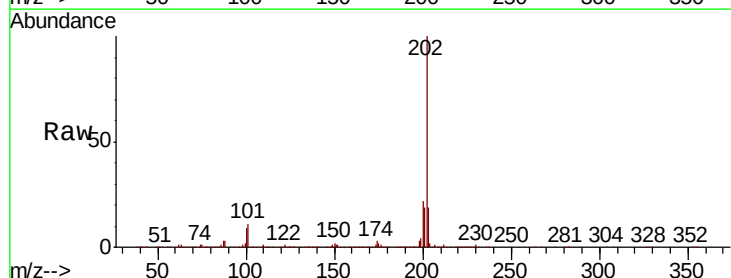
Manual Integrations
 APPROVED

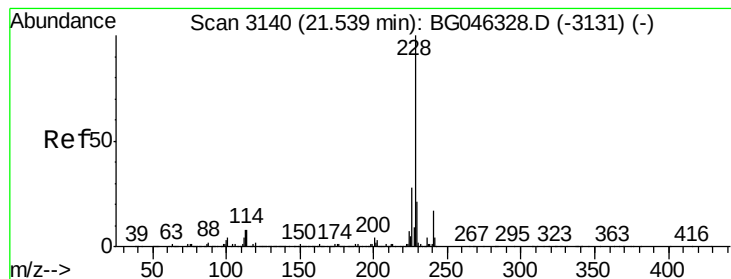
mohammad
 8/19/2020 2:18:01 PM



#20
Pyrene
 Concen: 12.045 ng/ul
 RT: 19.72 min Scan# 2830
 Delta R.T. -0.01 min
 Lab File: BG046335.D
 Acq: 18 Aug 2020 19:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		417897		
101	11.3	8.9	13.3		
100	9.5	7.9	11.9		





#21

Benzo(a)anthracene

Concen: 7.155 ng/ul

RT: 21.53 min Scan# 3139

Delta R.T. -0.01 min

Lab File: BG046335.D

Acq: 18 Aug 2020 19:52

Instrument :

BNA_G

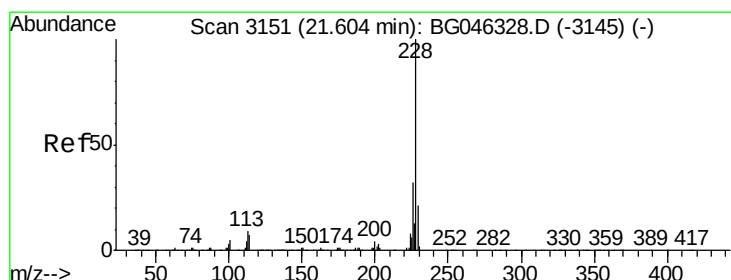
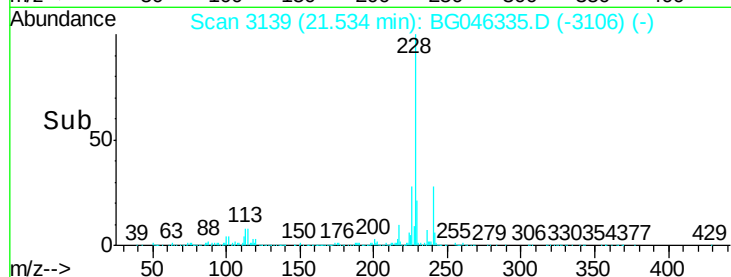
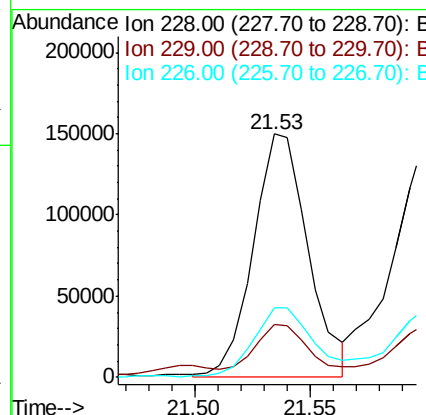
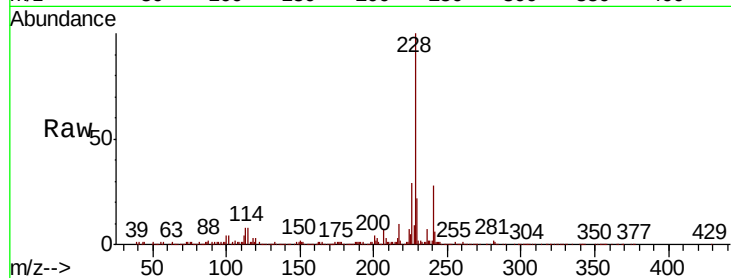
ClientSampleId :

BFMK7

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.7	16.6	25.0
226	28.7	22.6	33.8

Manual Integrations
APPROVED

mohammad
8/19/2020 2:18:01 PM



#22

Chrysene

Concen: 7.522 ng/ul

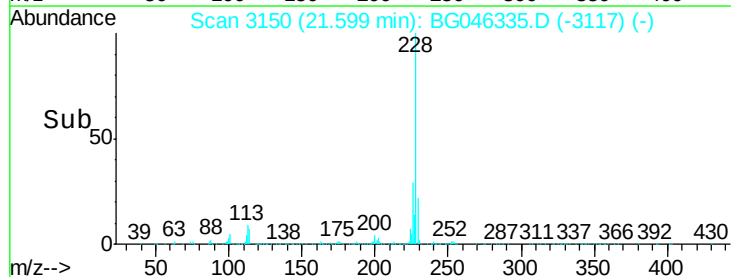
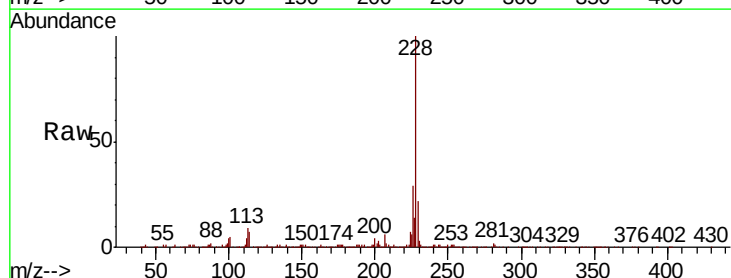
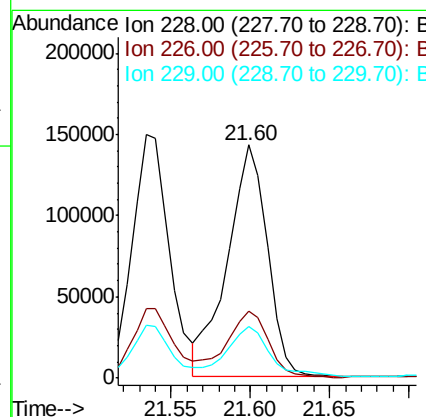
RT: 21.60 min Scan# 3150

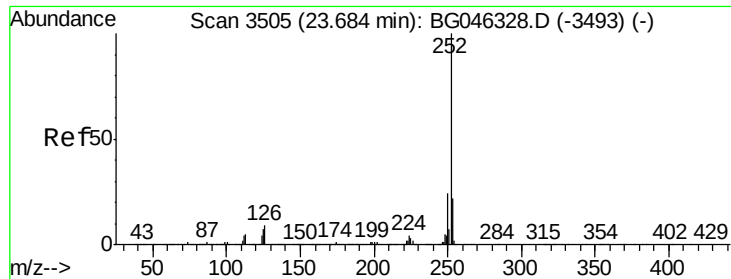
Delta R.T. -0.01 min

Lab File: BG046335.D

Acq: 18 Aug 2020 19:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.9	25.5	38.3
229	22.3	17.0	25.4





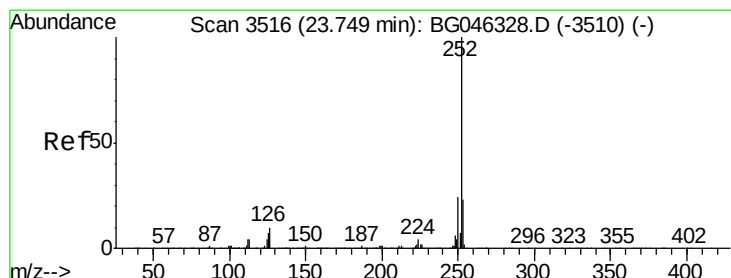
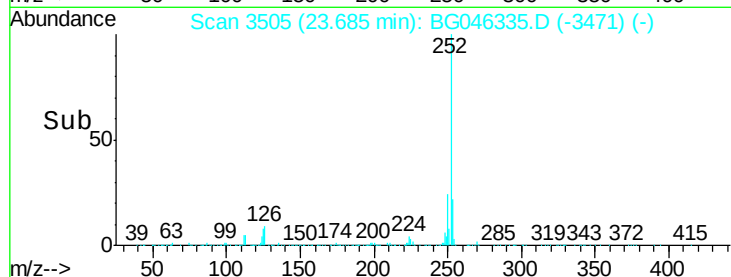
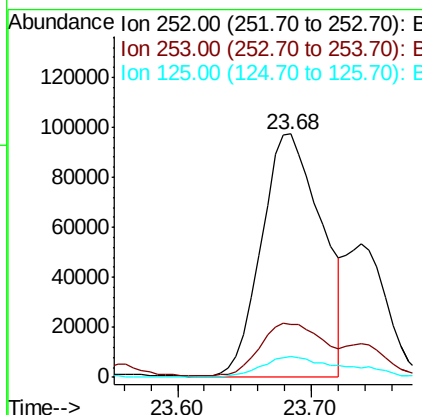
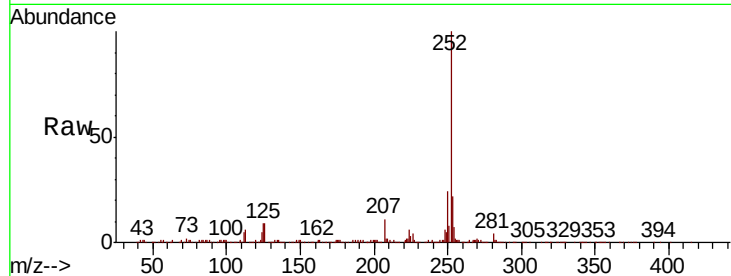
#24
Benzo(b)fluoranthene
Concen: 8.115 ng/ul
RT: 23.68 min Scan# 3505
Delta R.T. 0.00 min
Lab File: BG046335.D
Acq: 18 Aug 2020 19:52

Instrument :
BNA_G
ClientSampleId :
BFMK7

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	8.7	6.4	9.6

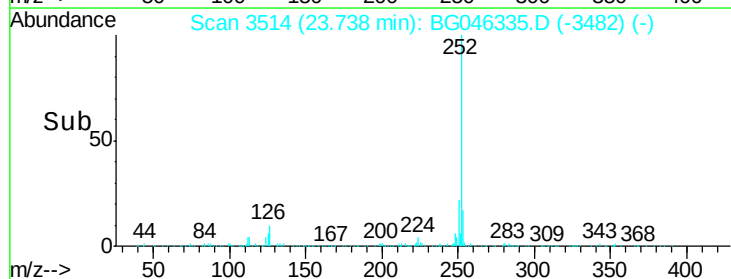
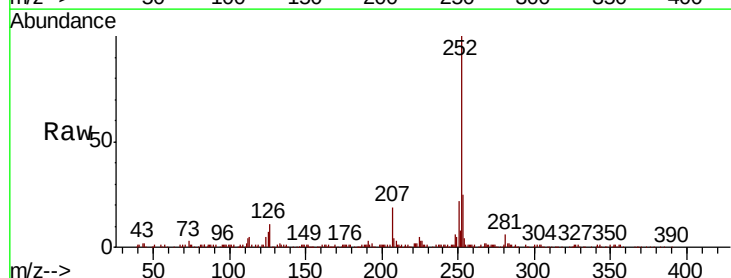
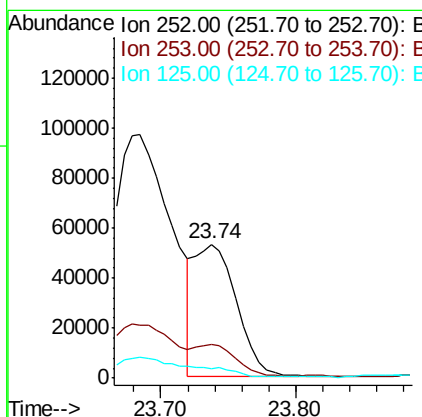
Manual Integrations
APPROVED

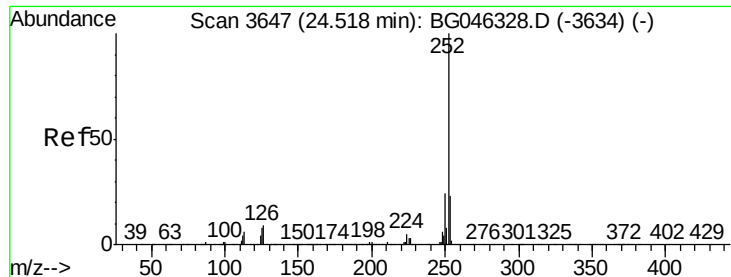
mohammad
8/19/2020 2:18:01 PM



#25
Benzo(k)fluoranthene
Concen: 3.037 ng/ul m
RT: 23.74 min Scan# 3514
Delta R.T. -0.01 min
Lab File: BG046335.D
Acq: 18 Aug 2020 19:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.3	18.5	27.7
125	7.0	6.2	9.2





#27

Benzo(a)pyrene

Concen: 5.277 ng/ul

RT: 24.51 min Scan# 3645

Delta R.T. -0.01 min

Lab File: BG046335.D

Acq: 18 Aug 2020 19:52

Instrument :

BNA_G

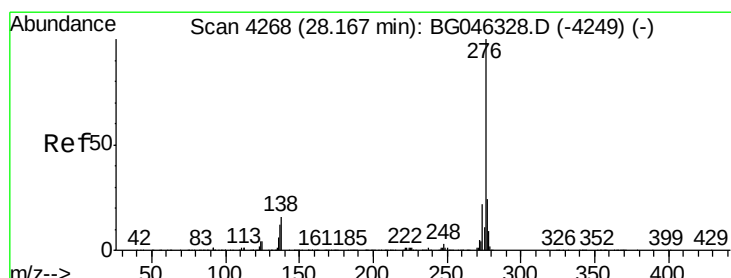
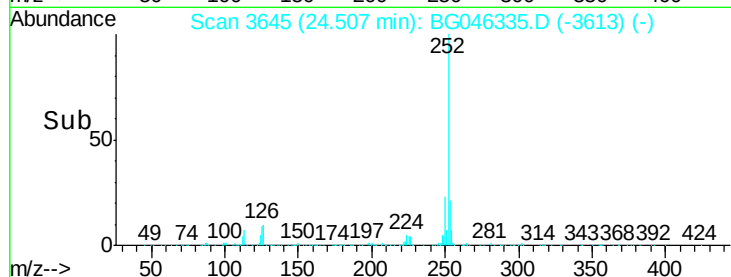
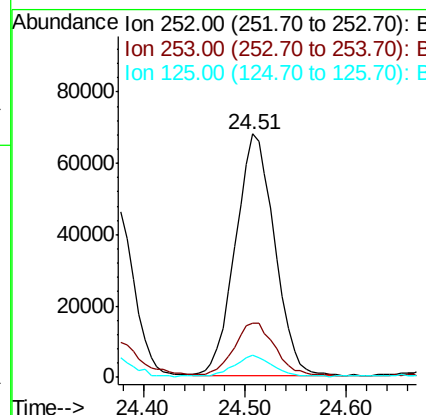
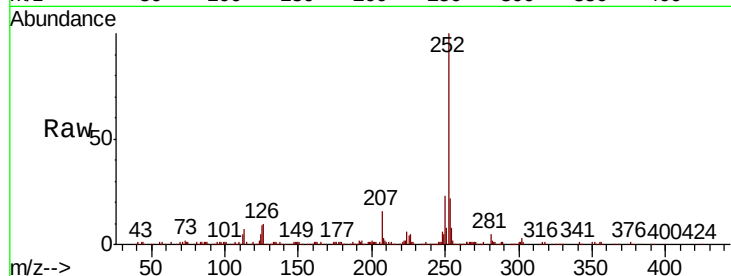
ClientSampleId :

BFMK7

Tot Ion:	252	Resp:	181270
Ion Ratio		Lower	Upper
252	100		
253	22.3	17.8	26.8
125	9.2	7.1	10.7

Manual Integrations
APPROVED

mohammad
8/19/2020 2:18:01 PM



#28

Indeno(1,2,3-cd)pyrene

Concen: 2.811 ng/ul

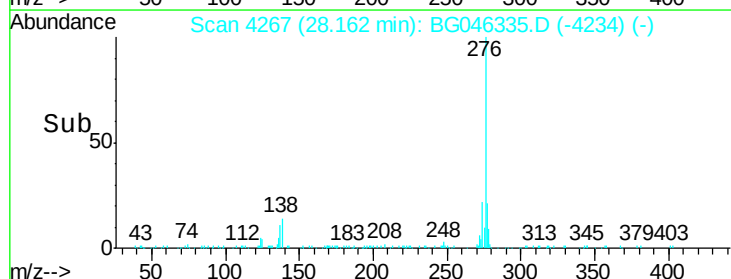
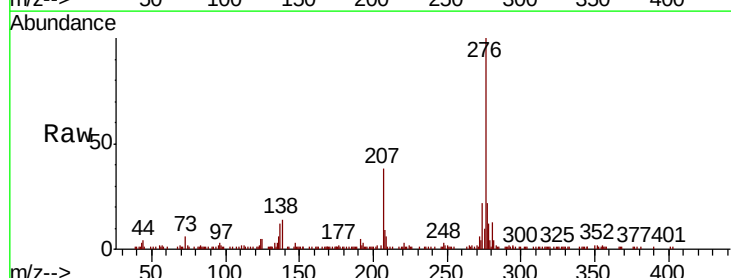
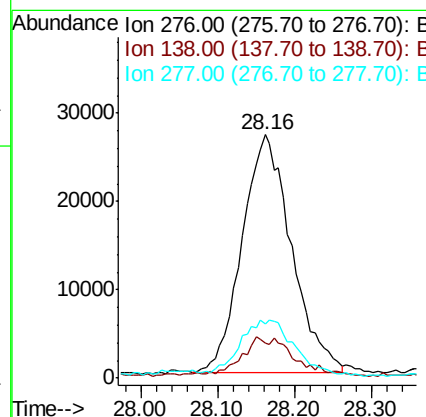
RT: 28.16 min Scan# 4267

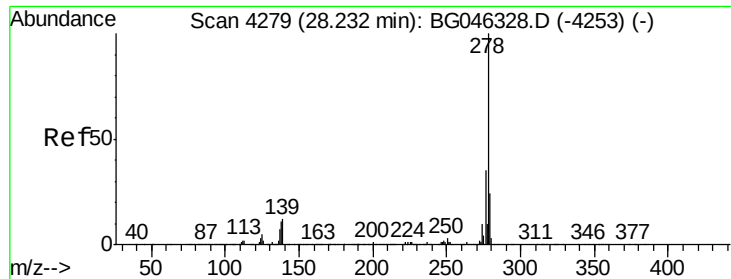
Delta R.T. -0.01 min

Lab File: BG046335.D

Acq: 18 Aug 2020 19:52

Tgt Ion:	276	Resp:	120897
Ion Ratio		Lower	Upper
276	100		
138	14.4	13.2	19.8
277	22.3	19.9	29.9





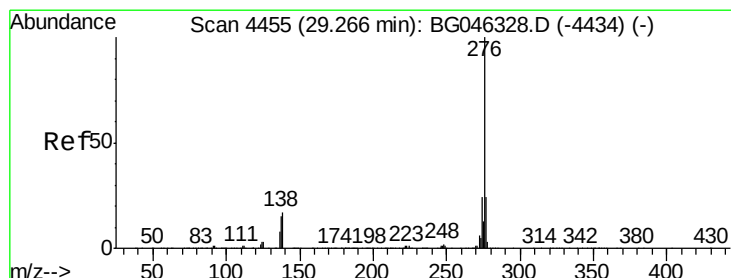
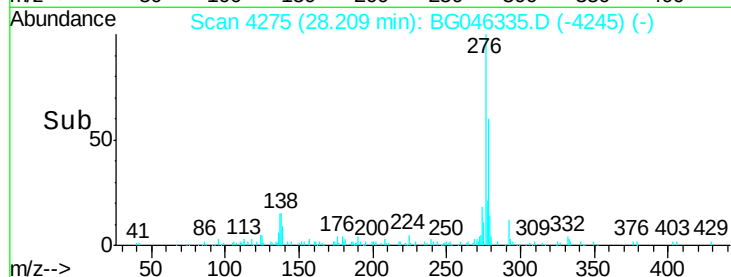
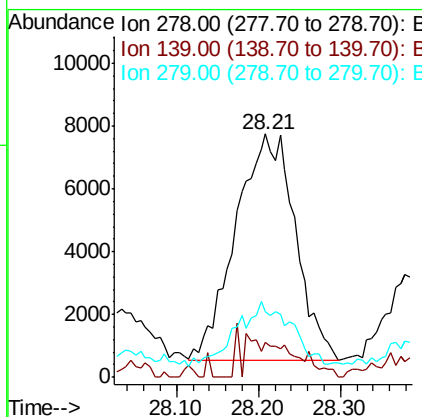
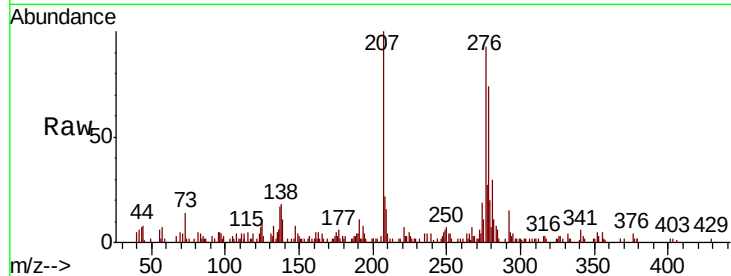
#29
Dibenzo(a,h)anthracene
Concen: 1.037 ng/ul m
RT: 28.21 min Scan# 4275
Delta R.T. -0.02 min
Lab File: BG046335.D
Acq: 18 Aug 2020 19:52

Instrument :
BNA_G
ClientSampled :
BFMK7

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.3	9.8	14.8
279	26.9	19.7	29.5

Manual Integrations
APPROVED

mohammad
8/19/2020 2:18:01 PM



#30
Benzo(g,h,i)perylene
Concen: 2.084 ng/ul m
RT: 29.26 min Scan# 4454
Delta R.T. -0.01 min
Lab File: BG046335.D
Acq: 18 Aug 2020 19:52

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.9	12.9	19.3#
277	27.4	19.4	29.0

