

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
 Data File : BG046386.D
 Acq On : 20 Aug 2020 19:56
 Operator : CG/JU
 Sample : L3634-14
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFMG2

Manual Integrations
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Quant Time: Aug 21 01:07:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 21 00:37:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	93824	20.00	ng/ul	0.00
2) Naphthalene-d8	10.74	136	369593	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	238147	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	534893	20.00	ng/ul	0.00
18) Chrysene-d12	21.56	240	560261	20.00	ng/ul	0.00
23) Perylene-d12	24.67	264	597702	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	155555	24.44	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	571304	26.07	ng/ul	0.00
10) Fluorene-d10	15.56	176	432054	25.73	ng/ul	0.00
15) Anthracene-d10	17.41	188	628537	25.35	ng/ul	0.00
19) Pyrene-d10	19.69	212	745064	25.84	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.46	264	849299	26.04	ng/ul	0.00
Target Compounds				Qvalue		
8) Acenaphthylene	14.29	152	37907	1.701	ng/ul	95
9) Acenaphthene	14.63	153	16255	1.022	ng/ul	95
11) Fluorene	15.61	166	20184	1.085	ng/ul	98
14) Phenanthrene	17.35	178	550504	18.708	ng/ul	99
16) Anthracene	17.44	178	84659	2.851	ng/ul	98
17) Fluoranthene	19.36	202	1060751	32.328	ng/ul	99
20) Pyrene	19.72	202	999754	27.185	ng/ul	99
21) Benzo(a)anthracene	21.54	228	562674	15.436	ng/ul	98
22) Chrysene	21.60	228	614632	17.442	ng/ul	97
24) Benzo(b)fluoranthene	23.69	252	832982	21.075	ng/ul	98
25) Benzo(k)fluoranthene	23.75	252	318018m	8.111	ng/ul	
27) Benzo(a)pyrene	24.53	252	591014	16.287	ng/ul	99
28) Indeno(1,2,3-cd)pyrene	28.18	276	416069	9.157	ng/ul	99
29) Dibenzo(a,h)anthracene	28.23	278	110588	3.002	ng/ul	96
30) Benzo(a,h,i)perylene	29.27	276	218797	5.754	ng/ul	99

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

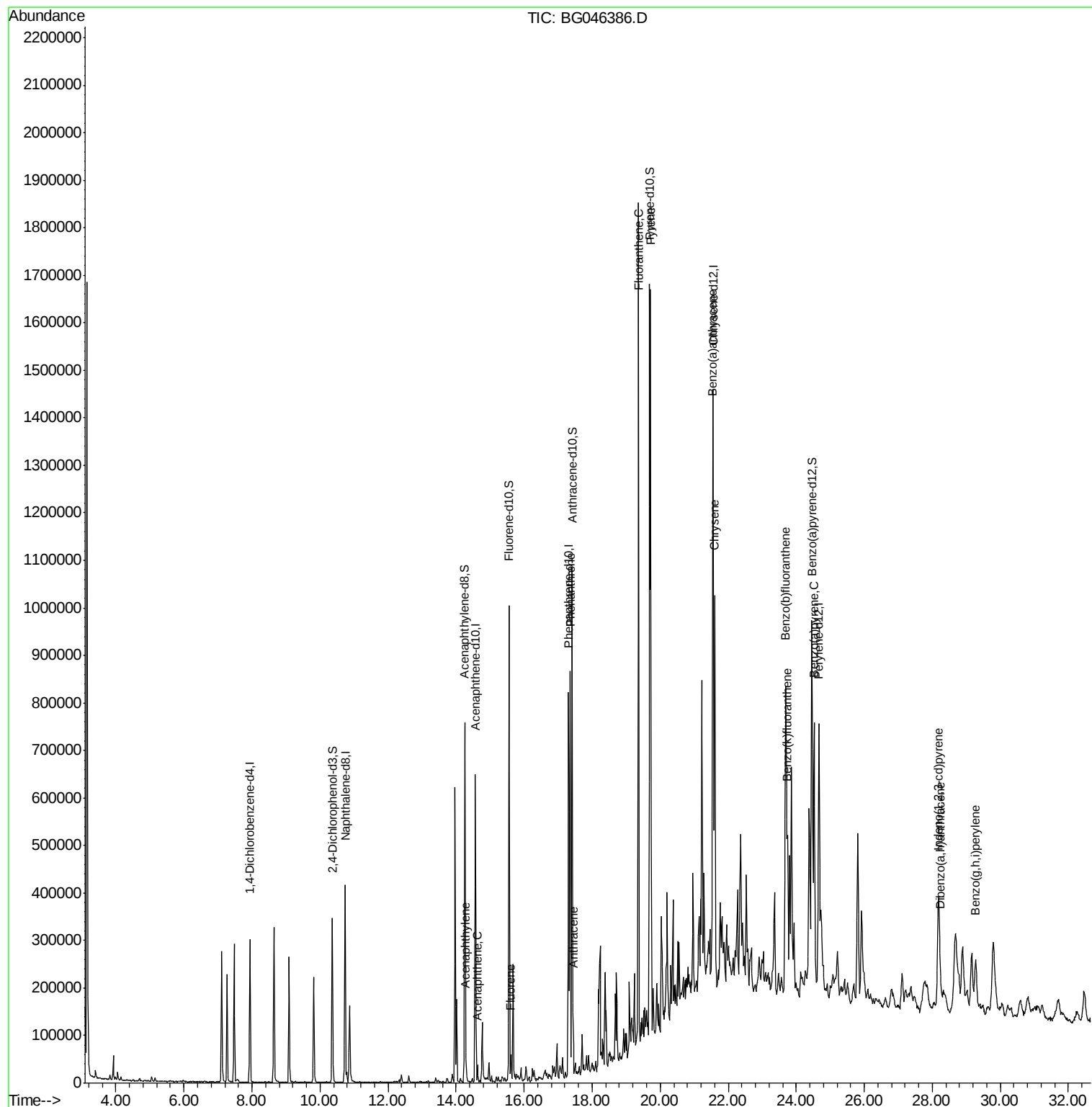
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
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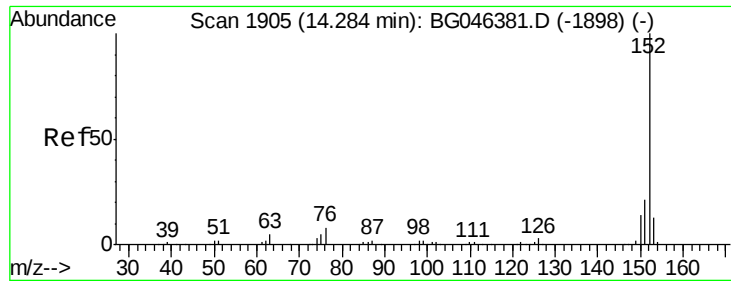
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Quant Time: Aug 21 01:07:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 21 00:37:00 2020
Response via : Initial Calibration





#8

Acenaphthylene

Concen: 1.701 ng/ul

RT: 14.29 min Scan# 1906

Delta R.T. 0.00 min

Lab File: BG046386.D

Acq: 20 Aug 2020 19:56

Instrument :

BNA_G

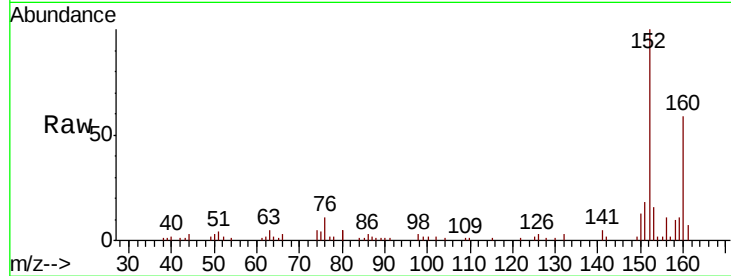
ClientSampleId :

BFMG2

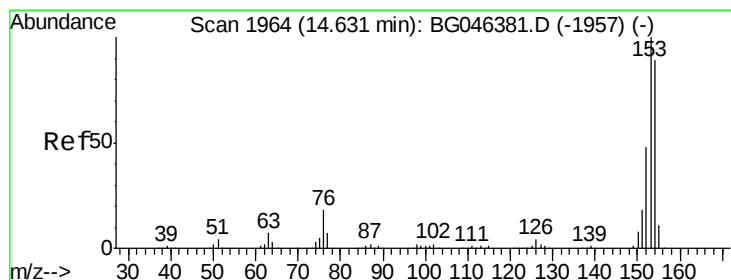
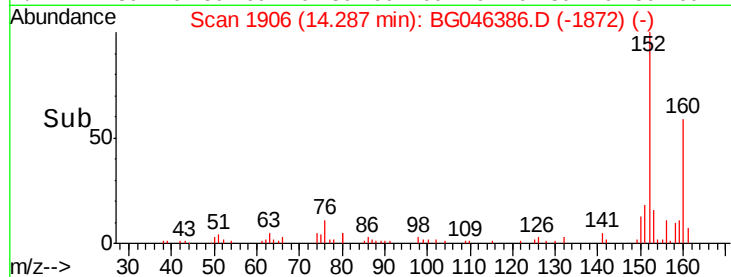
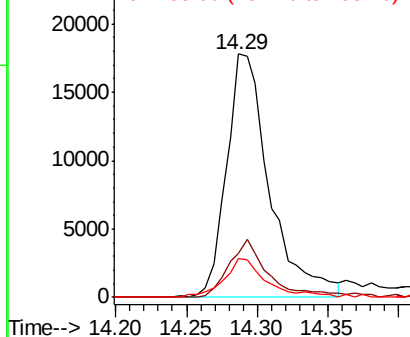
Tot Ion:	152	Resp:	37907
Ion Ratio	Lower	Upper	
152	100		
151	18.0	16.5	24.7
153	15.8	11.0	16.6

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#9

Acenaphthene

Concen: 1.022 ng/ul

RT: 14.63 min Scan# 1964

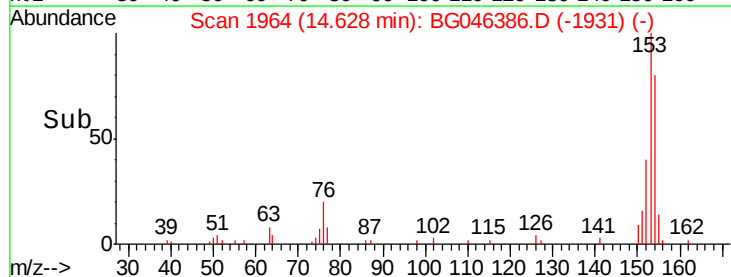
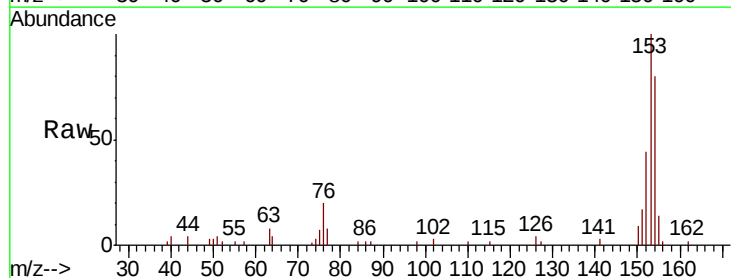
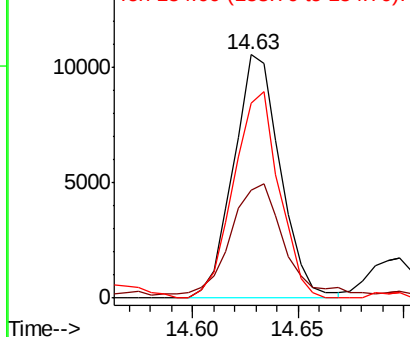
Delta R.T. -0.00 min

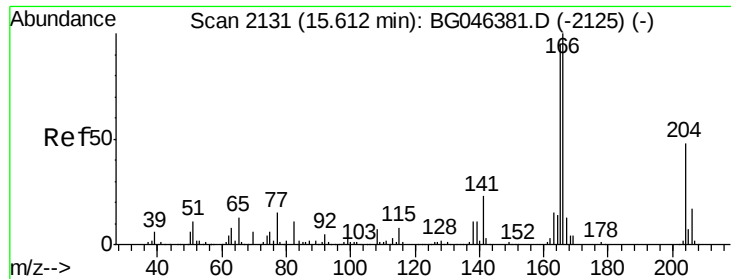
Lab File: BG046386.D

Acq: 20 Aug 2020 19:56

Tgt Ion:	153	Resp:	16255
Ion Ratio	Lower	Upper	
153	100		
152	44.2	37.2	55.8
154	80.0	67.8	101.6

Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E





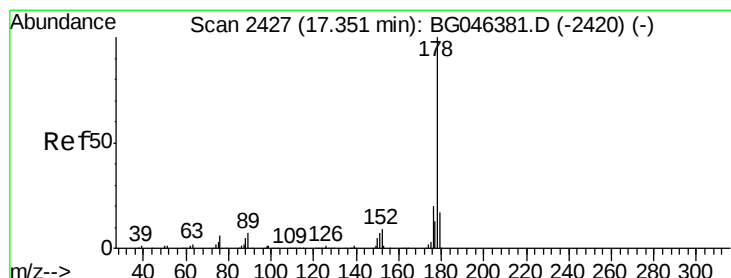
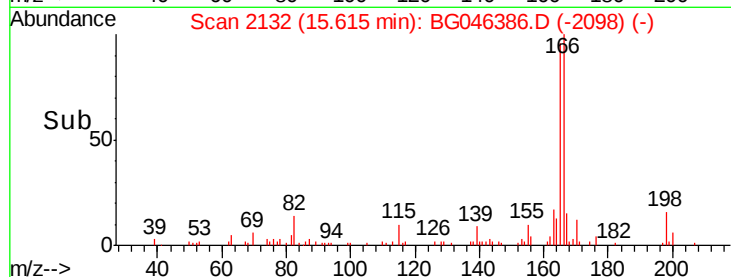
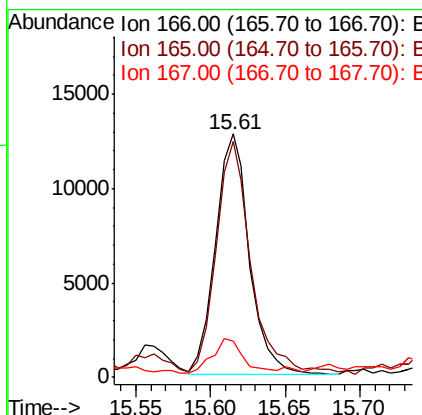
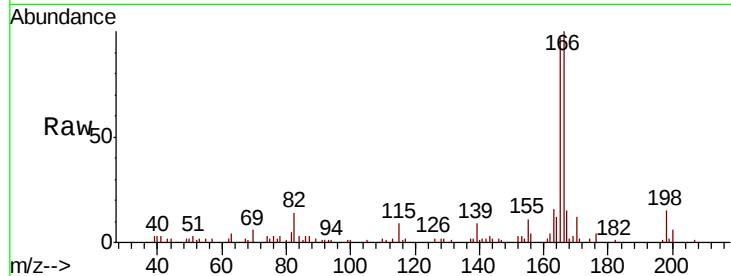
#11
Fluorene
 Concen: 1.085 ng/ul
 RT: 15.61 min Scan# 2132
 Delta R.T. 0.00 min
 Lab File: BG046386.D
 Acq: 20 Aug 2020 19:56

Instrument :
 BNA_G
 ClientSampleId :
 BFMG2

Tot Ion	Ion	Ratio	Resp	Lower	Upper
166	100		20184		
165	96.9	75.9	113.9		
167	14.7	10.7	16.1		

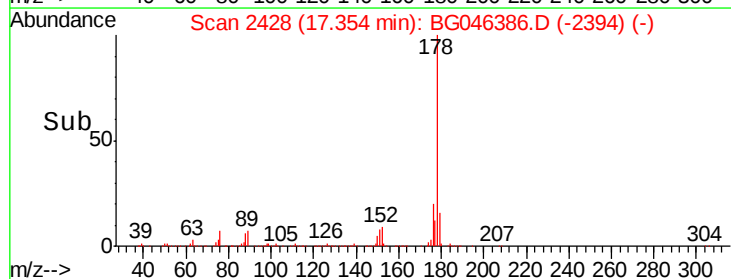
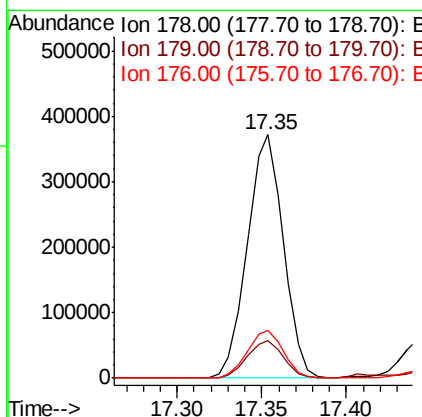
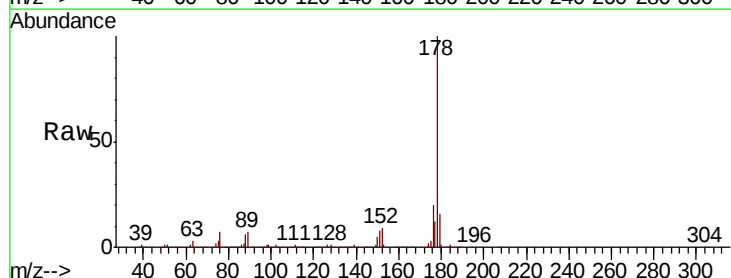
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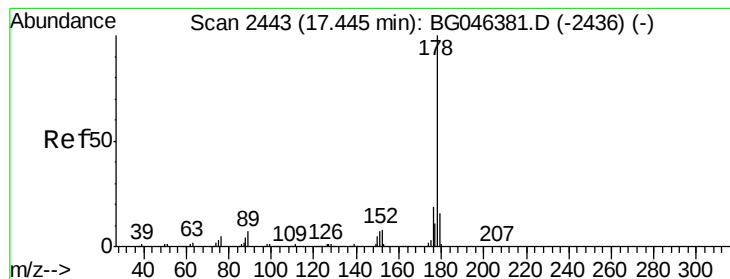
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#14
Phenanthrene
 Concen: 18.708 ng/ul
 RT: 17.35 min Scan# 2428
 Delta R.T. 0.00 min
 Lab File: BG046386.D
 Acq: 20 Aug 2020 19:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
178	100		550504		
179	15.6	12.8	19.2		
176	19.8	15.8	23.8		





#16

Anthracene

Concen: 2.851 ng/ul

RT: 17.44 min Scan# 2443

Delta R.T. -0.00 min

Lab File: BG046386.D

Acq: 20 Aug 2020 19:56

Instrument :

BNA_G

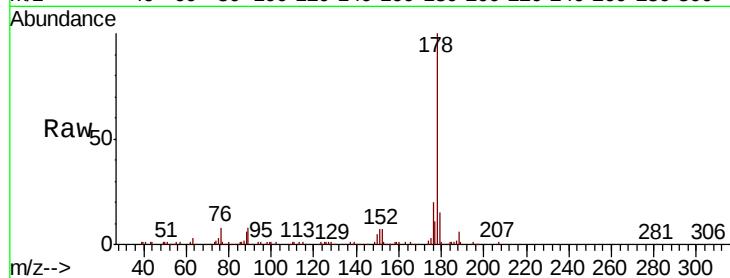
ClientSampled :

BFMG2

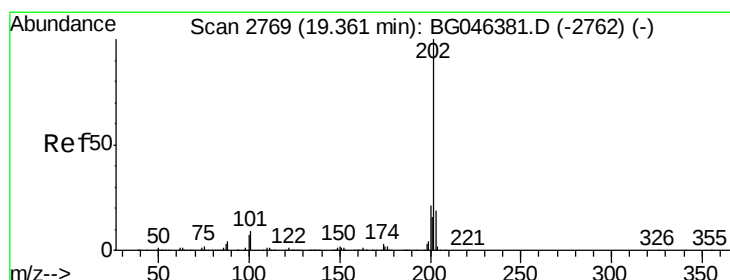
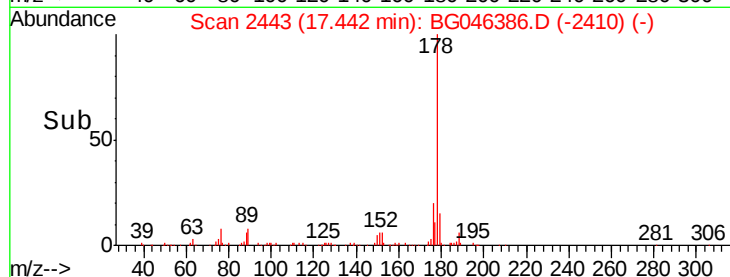
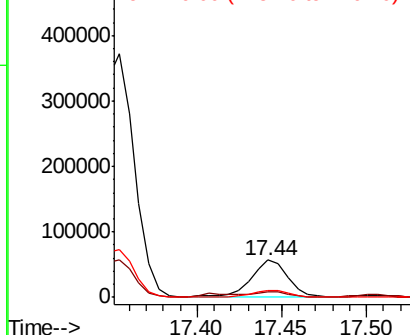
Tot Ion:	178	Resp:	84659
Ion Ratio	Lower	Upper	
178	100		
179	15.4	13.2	19.8
176	19.6	15.2	22.8

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#17

Fluoranthene

Concen: 32.328 ng/ul

RT: 19.36 min Scan# 2770

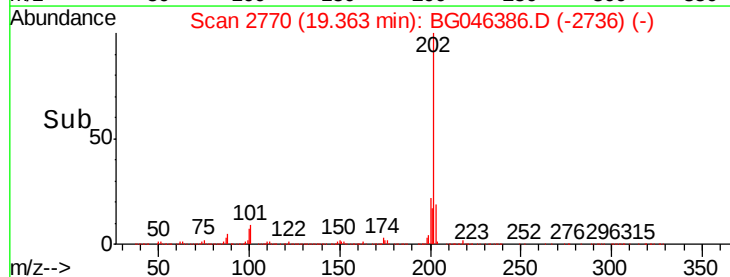
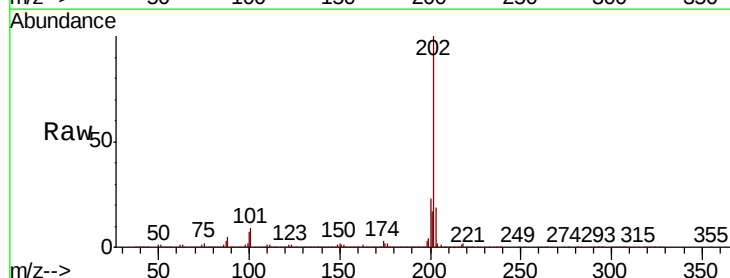
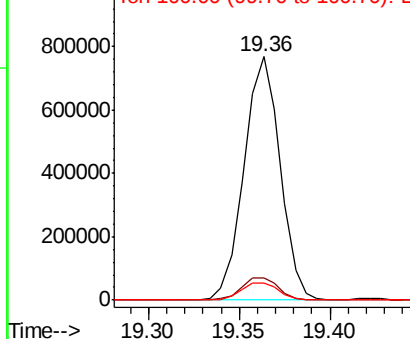
Delta R.T. 0.00 min

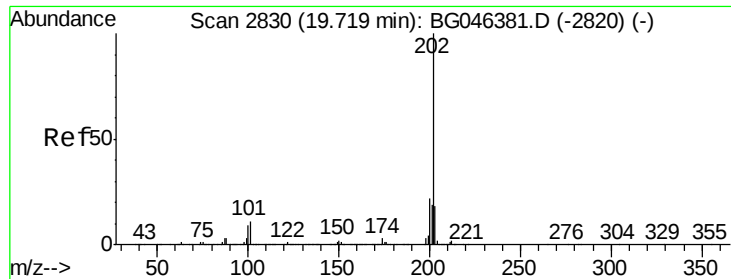
Lab File: BG046386.D

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Tgt Ion:	202	Resp:	1060751
Ion Ratio	Lower	Upper	
202	100		
101	9.3	7.8	11.6
100	7.2	5.9	8.9

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





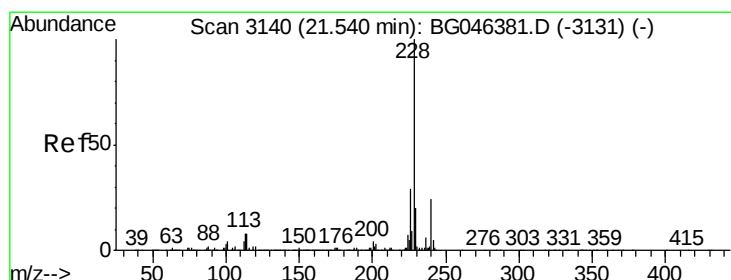
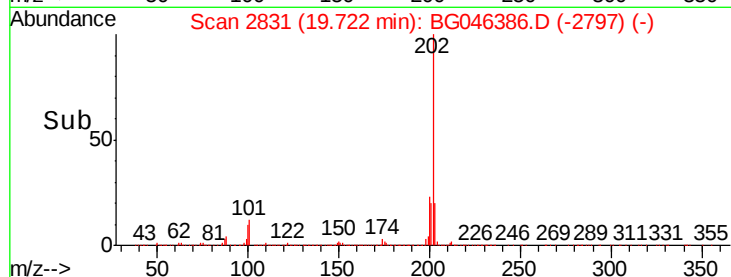
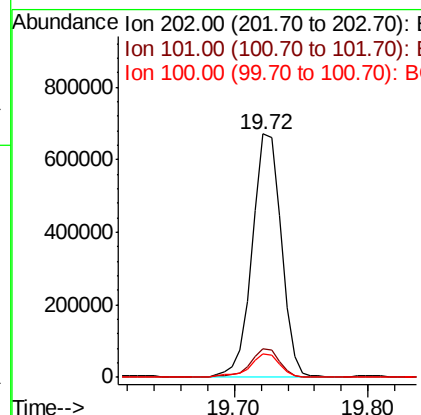
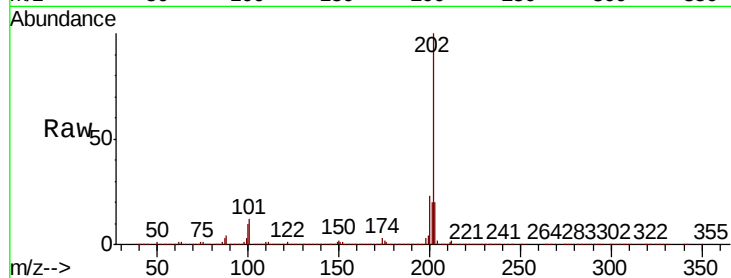
#20
Pvrene
Concen: 27.185 ng/ul
RT: 19.72 min Scan# 2831
Delta R.T. 0.00 min
Lab File: BG046386.D
Acq: 20 Aug 2020 19:56

Instrument :
BNA_G
ClientSampleId :
BFMG2

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.8	8.9	13.3
100	9.8	7.9	11.9

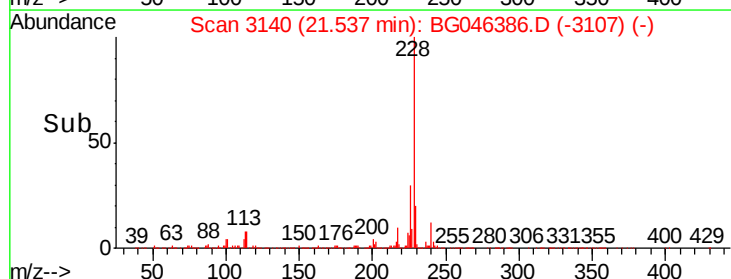
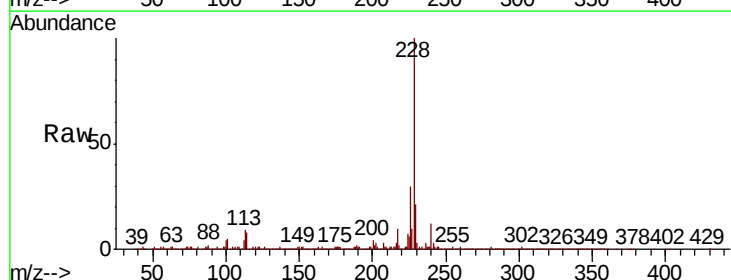
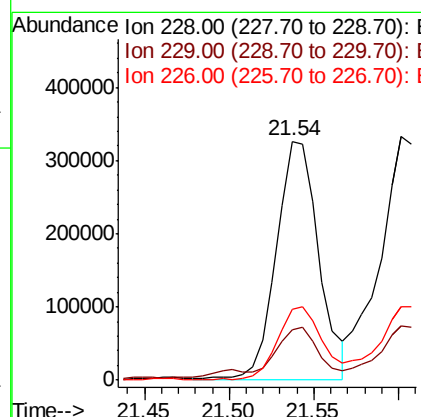
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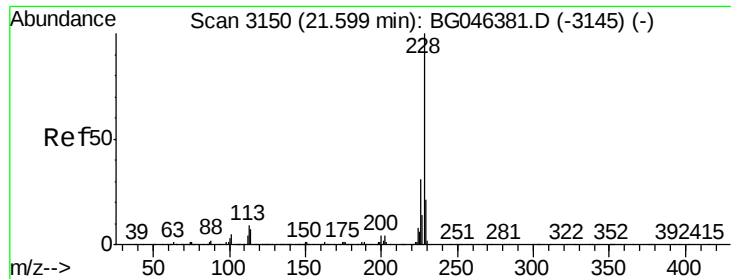
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#21
Benzo(a)anthracene
Concen: 15.436 ng/ul
RT: 21.54 min Scan# 3140
Delta R.T. -0.00 min
Lab File: BG046386.D
Acq: 20 Aug 2020 19:56

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	21.0	16.6	25.0
226	29.9	22.6	33.8





#22

Chrysene

Concen: 17.442 ng/ul

RT: 21.60 min Scan# 3151

Delta R.T. 0.00 min

Lab File: BG046386.D

Acq: 20 Aug 2020 19:56

Instrument :

BNA_G

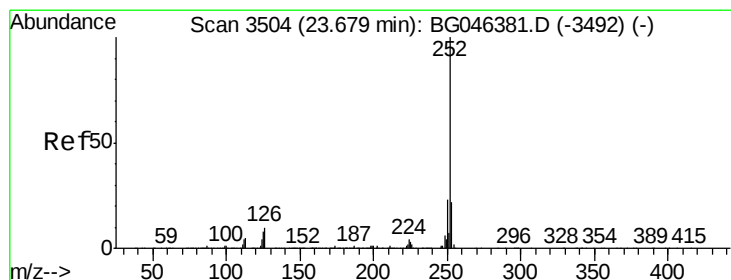
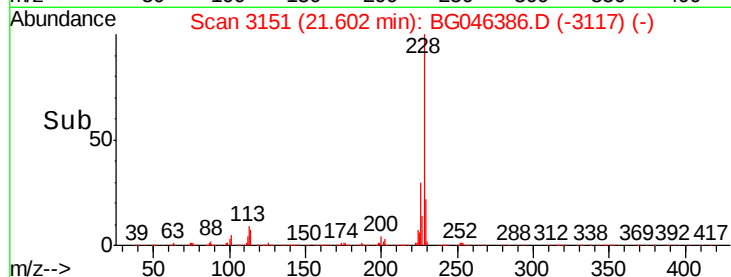
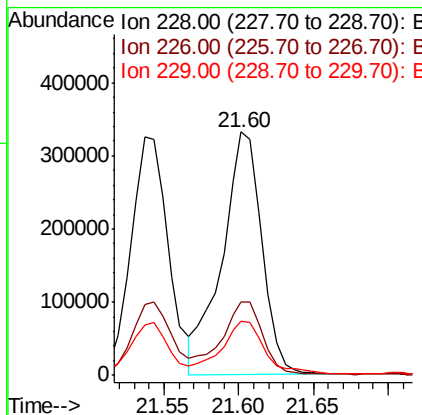
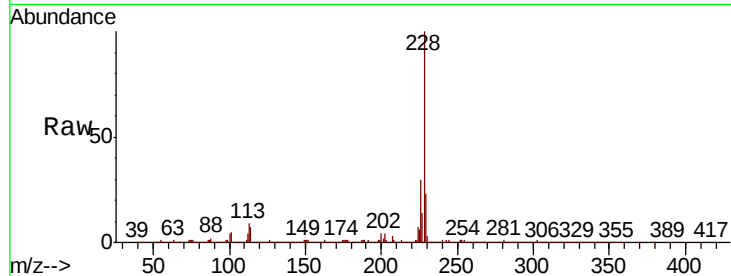
ClientSampleId :

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Tot Ion:	228	Resp:	614632
Ion Ratio	Lower	Upper	
228	100		
226	30.1	25.5	38.3
229	22.5	17.0	25.4

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#24

Benzo(b)fluoranthene

Concen: 21.075 ng/ul

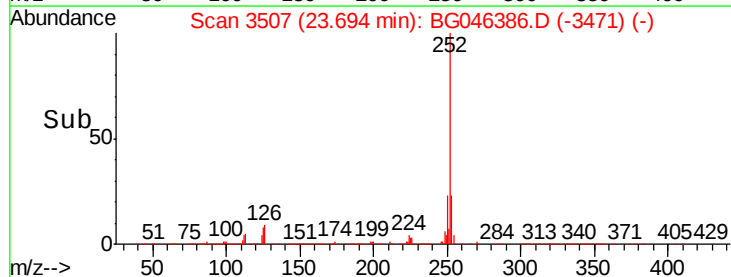
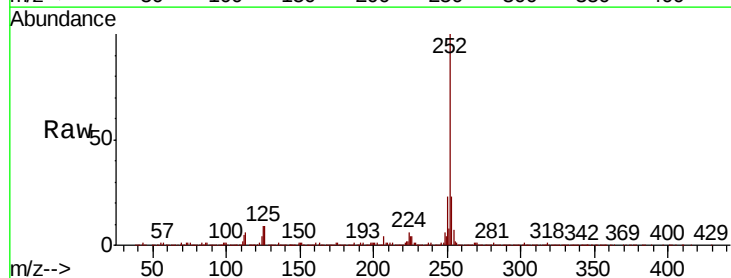
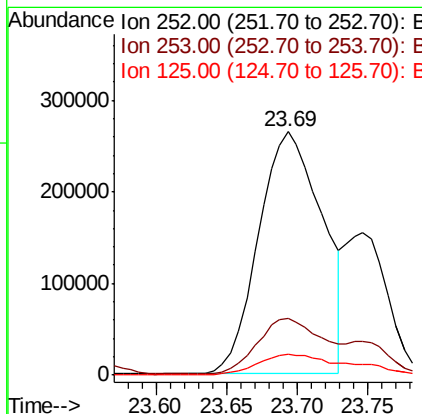
RT: 23.69 min Scan# 3507

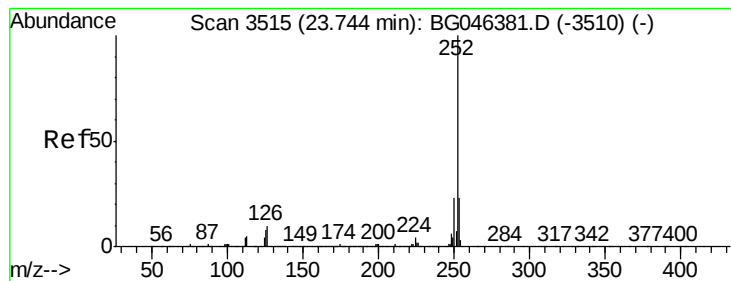
Delta R.T. 0.01 min

Lab File: BG046386.D

Acq: 20 Aug 2020 19:56

Tgt Ion:	252	Resp:	832982
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.8	26.6
125	8.5	6.4	9.6





#25

Benzo(k)fluoranthene

Concen: 8.111 ng/ul m

RT: 23.75 min Scan# 3516

Delta R.T. 0.00 min

Lab File: BG046386.D

Acq: 20 Aug 2020 19:56

Instrument :

BNA_G

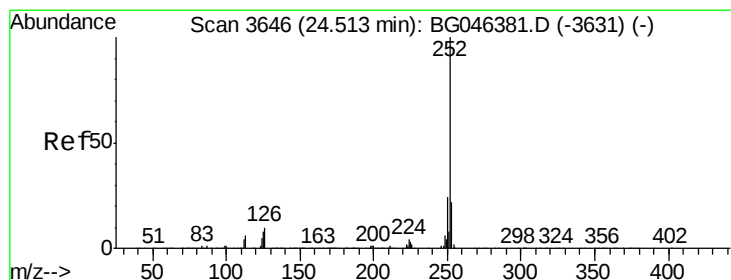
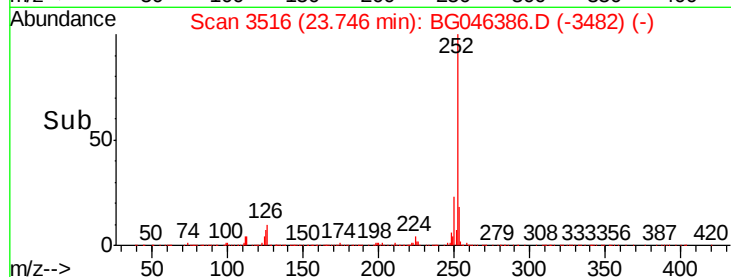
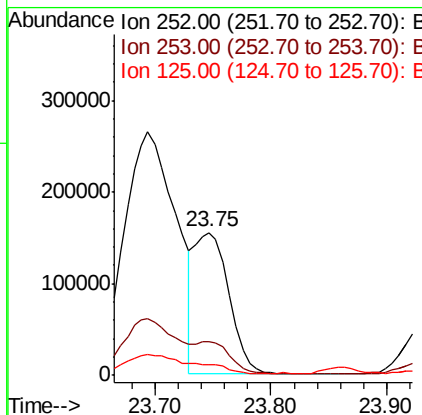
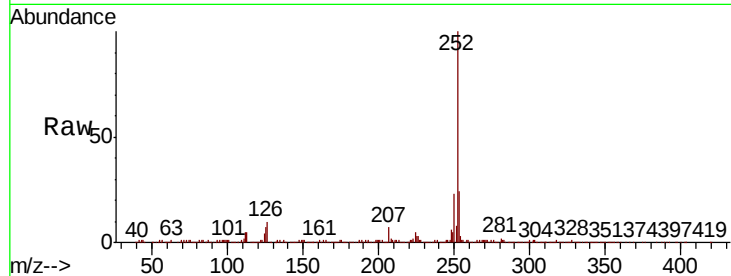
ClientSampleId :

BFMG2

Tot Ion:	252	Resp:	318018
Ion Ratio	Lower	Upper	
252	100		
253	23.7	18.5	27.7
125	7.3	6.2	9.2

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#27

Benzo(a)pyrene

Concen: 16.287 ng/ul

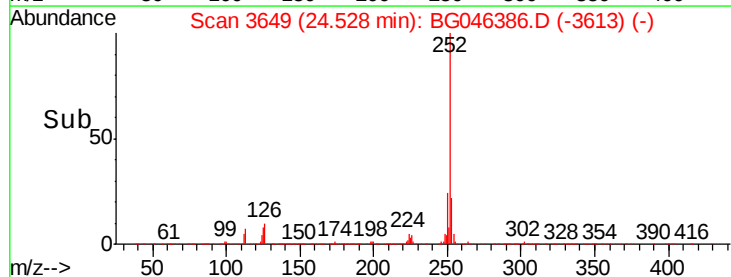
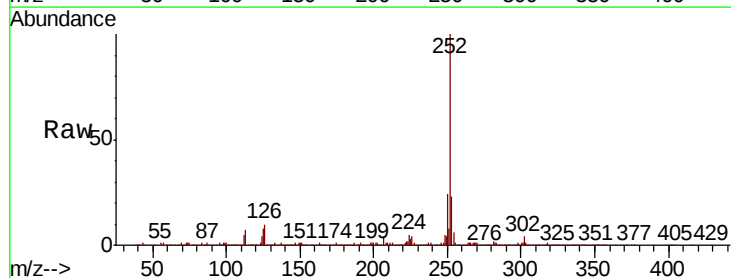
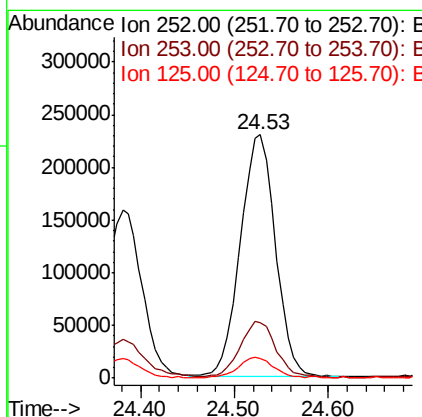
RT: 24.53 min Scan# 3649

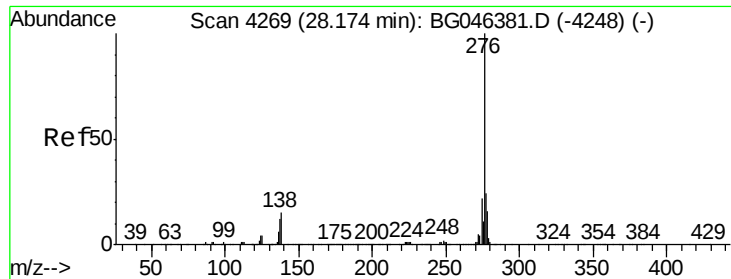
Delta R.T. 0.01 min

Lab File: BG046386.D

Acq: 20 Aug 2020 19:56

Tgt Ion:	252	Resp:	591014
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.8	26.8
125	8.1	7.1	10.7





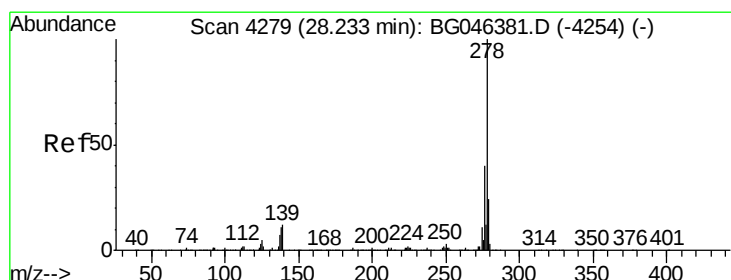
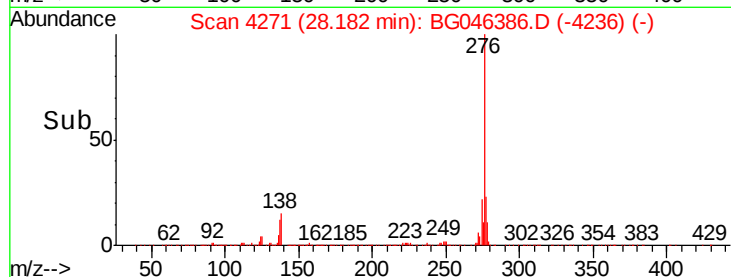
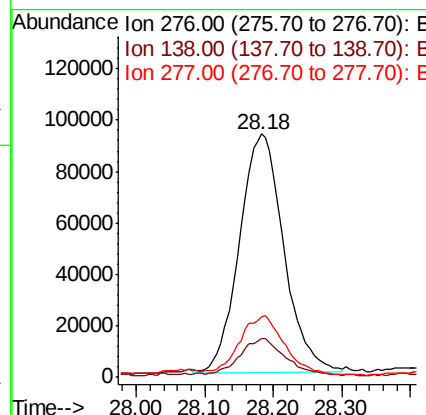
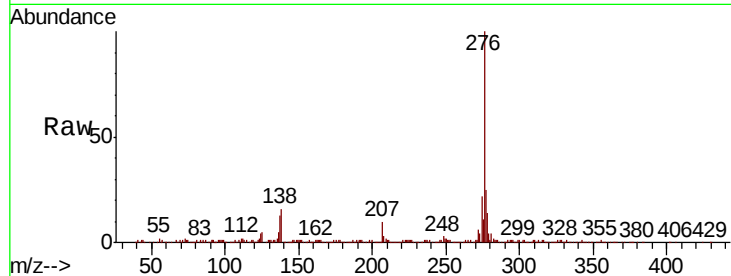
#28
 Indeno(1,2,3-cd)pyrene
 Concen: 9.157 ng/ul
 RT: 28.18 min Scan# 4271
 Delta R.T. 0.01 min
 Lab File: BG046386.D
 Acq: 20 Aug 2020 19:56

Instrument :
 BNA_G
 ClientSampleId :
 BFMG2

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.0	13.2	19.8
277	24.7	19.9	29.9

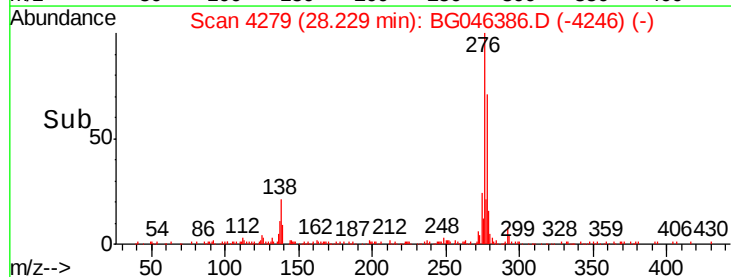
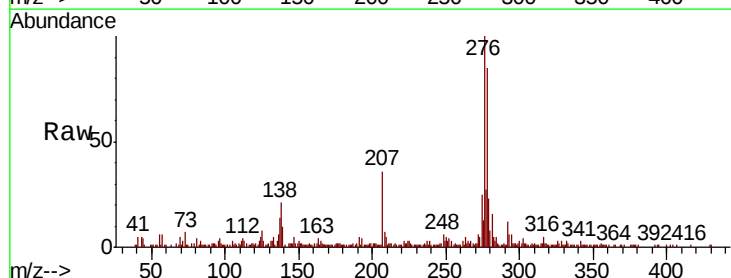
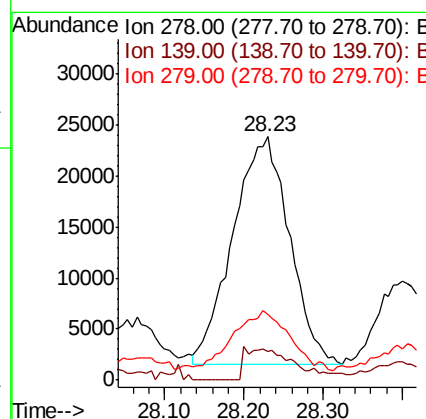
Manual Integrations
 APPROVED

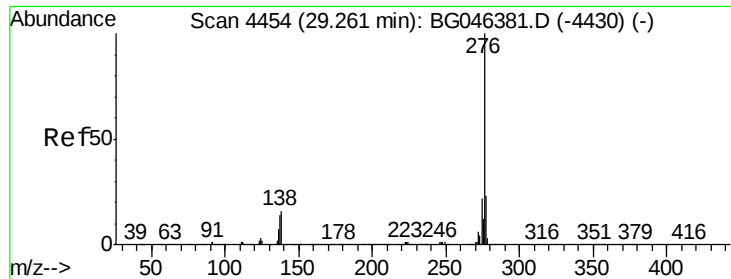
mohammad
 8/21/2020 12:47:36 PM



#29
 Dibenzo(a,h)anthracene
 Concen: 3.002 ng/ul
 RT: 28.23 min Scan# 4279
 Delta R.T. -0.00 min
 Lab File: BG046386.D
 Acq: 20 Aug 2020 19:56

Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.9	9.8	14.8
279	27.2	19.7	29.5





#30

Benzo(a,h,i)perylene

Concen: 5.754 ng/ul

RT: 29.27 min Scan# 4456

Delta R.T. 0.01 min

Lab File: BG046386.D

Acq: 20 Aug 2020 19:56

Instrument :

BNA_G

ClientSampleId :

BFMG2

Tot Ion:	276	Resp:	218797
Ion Ratio	Lower	Upper	
276	100		
138	16.8	12.9	19.3
277	24.0	19.4	29.0

Manual Integrations
APPROVED

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8/21/2020 12:47:36 PM

