

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
 Data File : BG046409.D
 Acq On : 21 Aug 2020 12:00
 Operator : CG/JU
 Sample : L3635-12
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFMH8

Manual Integrations
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Quant Time: Aug 21 13:01:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 20 11:14:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	99815	20.00	ng/ul	0.00
2) Naphthalene-d8	10.74	136	412668	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	268063	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	569889	20.00	ng/ul	0.00
18) Chrysene-d12	21.56	240	559350	20.00	ng/ul	0.00
23) Perylene-d12	24.67	264	624963	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	128471	18.08	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	468776	19.00	ng/ul	0.00
10) Fluorene-d10	15.56	176	351286	18.58	ng/ul	0.00
15) Anthracene-d10	17.41	188	482477	18.26	ng/ul	0.00
19) Pyrene-d10	19.70	212	554123	19.25	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.46	264	602608	17.67	ng/ul	0.01
Target Compounds						
					Qvalue	
4) Naphthalene	10.79	128	46381	2.161	ng/ul	98
5) 2-Methylnaphthalene	12.39	142	17005	1.039	ng/ul	93
9) Acenaphthene	14.63	153	25687	1.434	ng/ul	96
11) Fluorene	15.61	166	28184	1.346	ng/ul	99
14) Phenanthrene	17.35	178	564555	18.007	ng/ul	100
16) Anthracene	17.45	178	103531	3.273	ng/ul	98
17) Fluoranthene	19.36	202	896137	25.634	ng/ul	100
20) Pyrene	19.73	202	850575	23.166	ng/ul	99
21) Benzo(a)anthracene	21.54	228	453038	12.448	ng/ul	98
22) Chrysene	21.61	228	500759	14.234	ng/ul	98
24) Benzo(b)fluoranthene	23.69	252	663683	16.059	ng/ul	99
25) Benzo(k)fluoranthene	23.75	252	244768m	5.971	ng/ul	
27) Benzo(a)pyrene	24.53	252	452392	11.923	ng/ul	98
28) Indeno(1,2,3-cd)pyrene	28.19	276	297838	6.269	ng/ul	98
29) Dibenzo(a,h)anthracene	28.24	278	73939	1.920	ng/ul	94
30) Benzo(g,h,i)perylene	29.29	276	253147	6.367	ng/ul	99

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

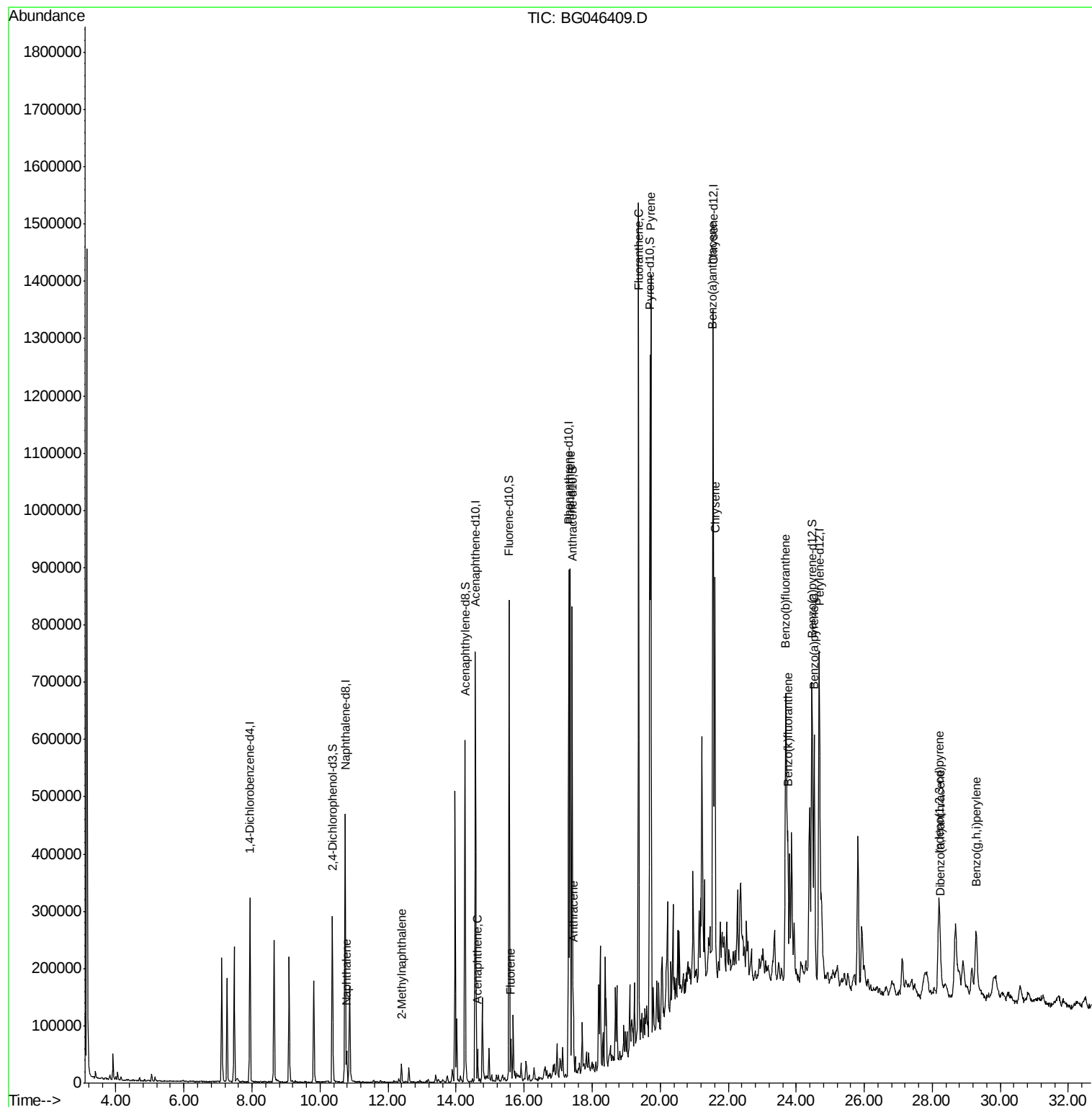
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
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ALS Vial : 73 Sample Multiplier: 1

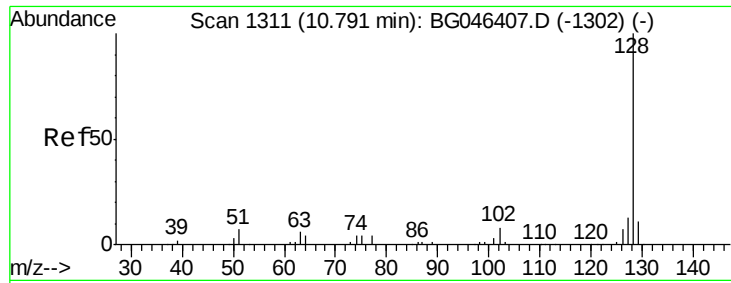
Instrument :
BNA_G
ClientSampleId :
BFMH8

Quant Time: Aug 21 13:01:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 20 11:14:19 2020
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#4

Naphthalene

Concen: 2.161 ng/ul

RT: 10.79 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BG046409.D

Acq: 21 Aug 2020 12:00

Instrument :

BNA_G

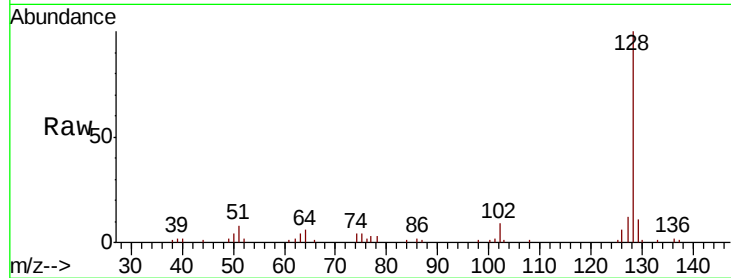
ClientSampleId :

BFMH8

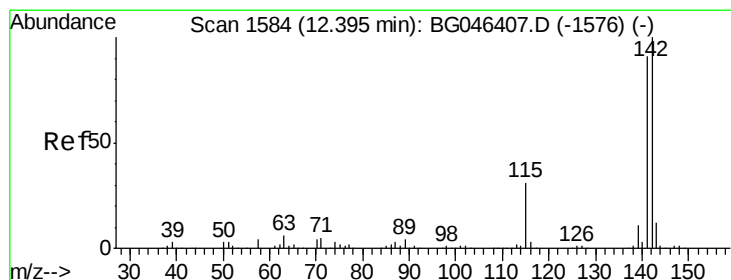
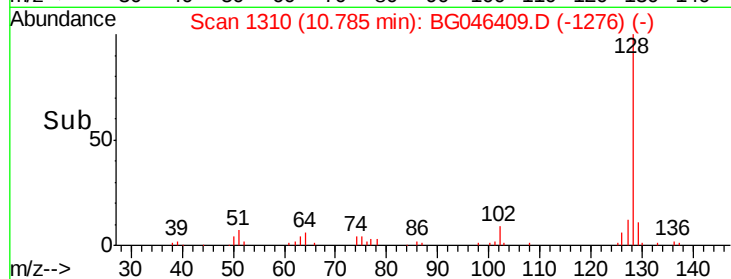
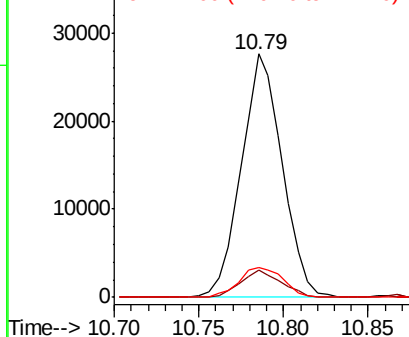
Tot Ion:	128	Resp:	46381
Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.6
127	12.3	10.9	16.3

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 1.039 ng/ul

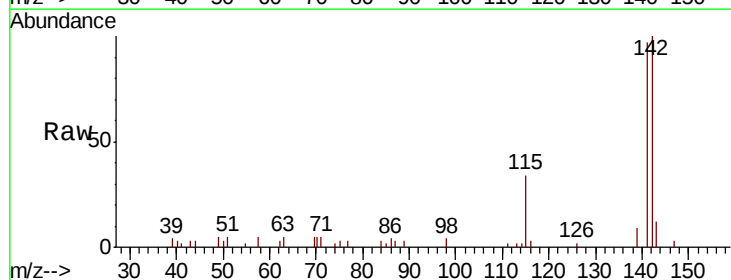
RT: 12.39 min Scan# 1584

Delta R.T. 0.01 min

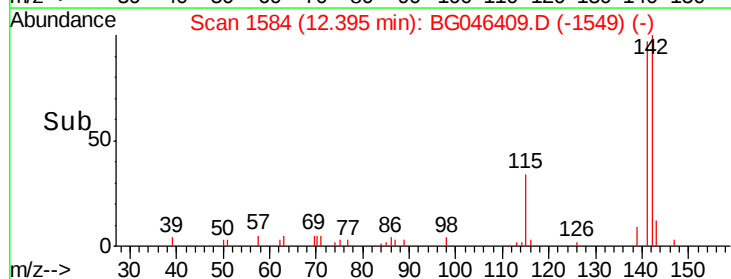
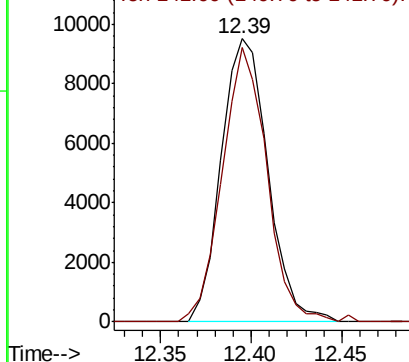
Lab File: BG046409.D

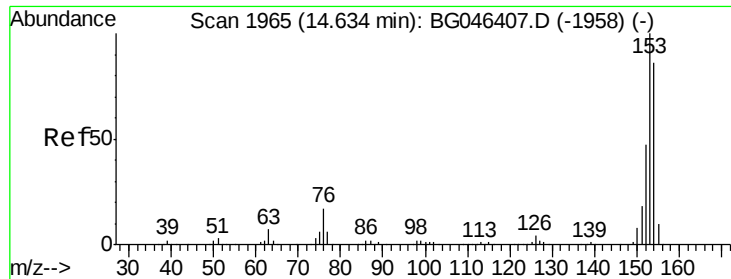
Acq: 21 Aug 2020 12:00

Tgt Ion:	142	Resp:	17005
Ion	Ratio	Lower	Upper
142	100		
141	96.8	72.5	108.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthene

Concen: 1.434 ng/ul

RT: 14.63 min Scan# 1965

Delta R.T. 0.01 min

Lab File: BG046409.D

Acq: 21 Aug 2020 12:00

Instrument :

BNA_G

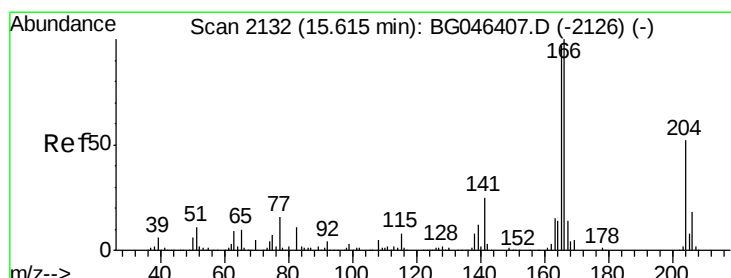
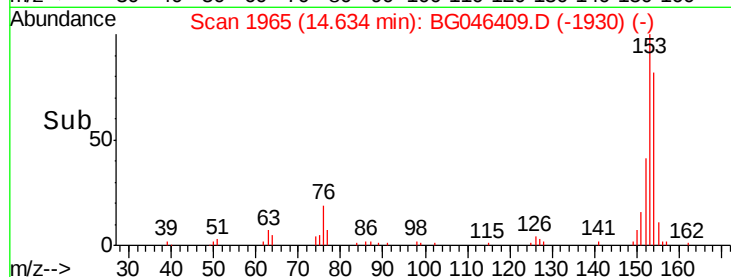
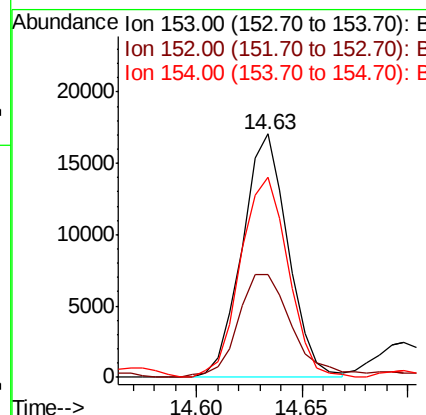
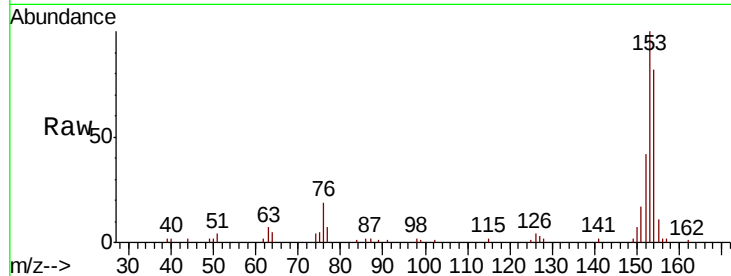
ClientSampleId :

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Tot Ion:	153	Resp:	25687
Ion	Ratio	Lower	Upper
153	100		
152	42.4	37.2	55.8
154	82.2	67.8	101.6

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#11

Fluorene

Concen: 1.346 ng/ul

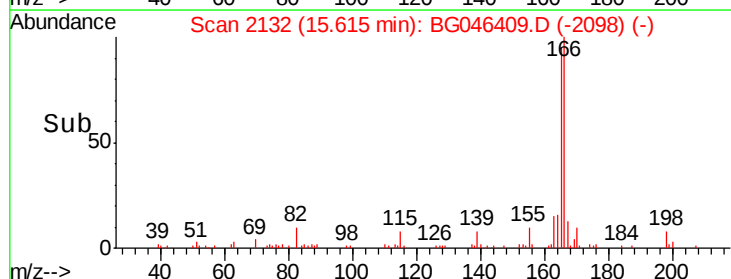
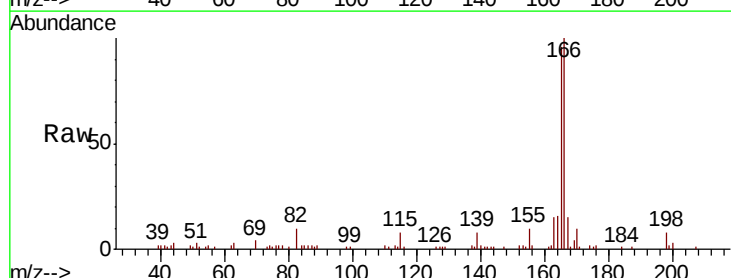
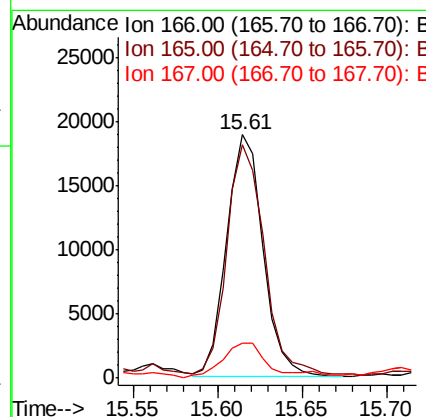
RT: 15.61 min Scan# 2132

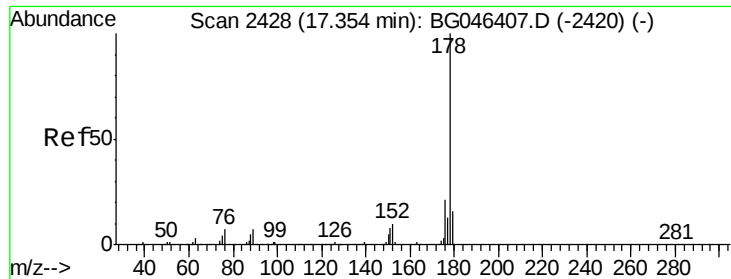
Delta R.T. -0.00 min

Lab File: BG046409.D

Acq: 21 Aug 2020 12:00

Tgt Ion:	166	Resp:	28184
Ion	Ratio	Lower	Upper
166	100		
165	95.8	75.9	113.9
167	14.6	10.7	16.1





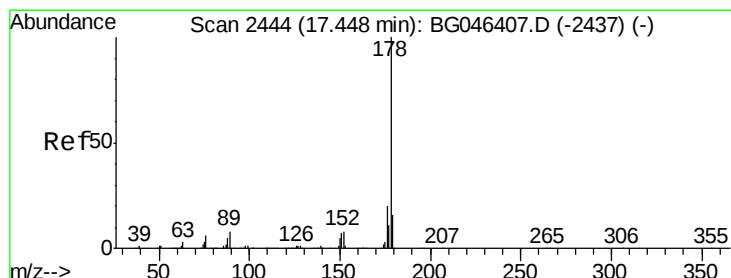
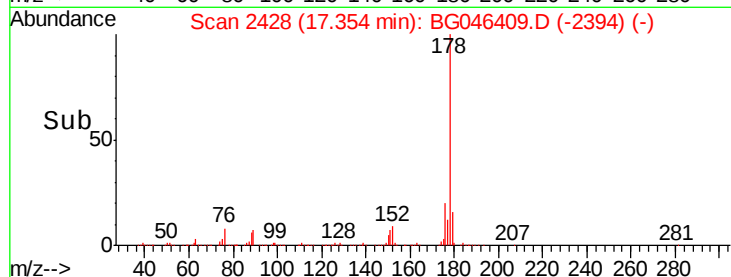
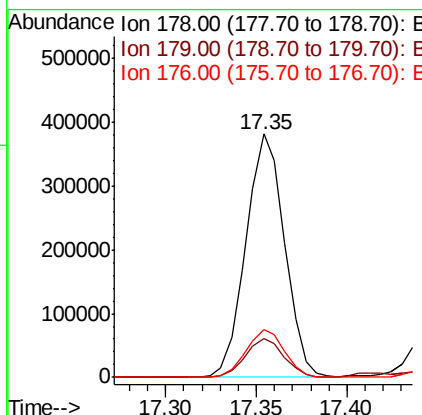
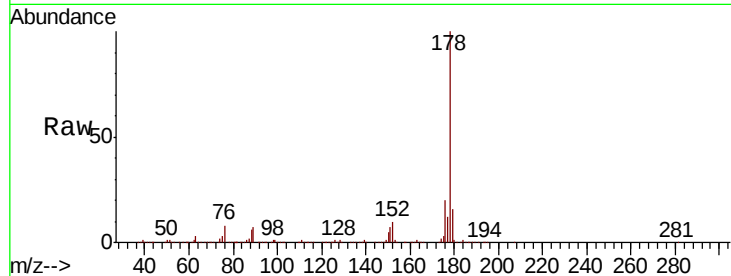
#14
Phenanthrene
Concen: 18.007 ng/ul
RT: 17.35 min Scan# 2428
Delta R.T. -0.00 min
Lab File: BG046409.D
Acq: 21 Aug 2020 12:00

Instrument :
BNA_G
ClientSampled :
BFMH8

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.8	19.2
176	19.8	15.8	23.8

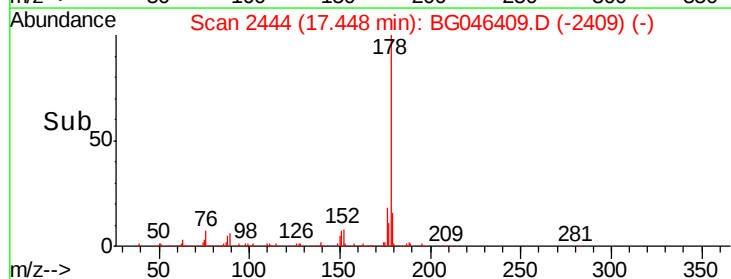
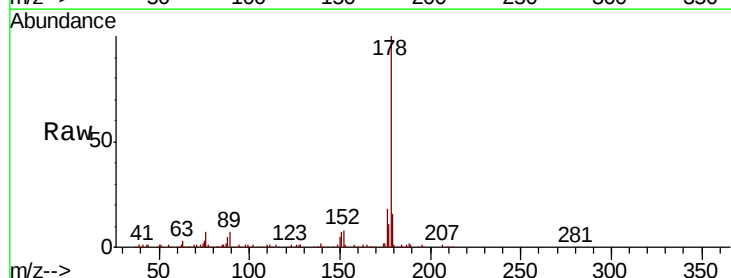
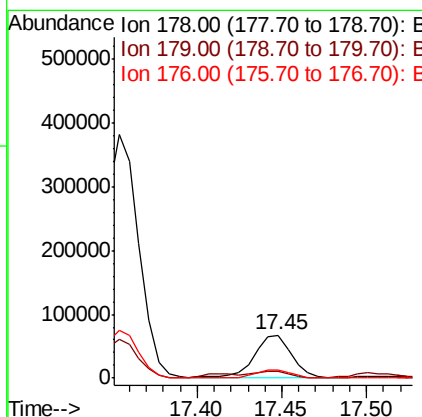
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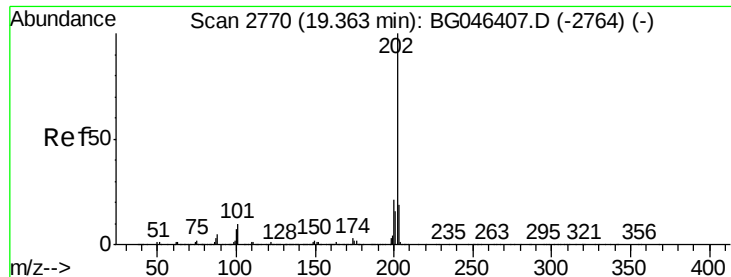
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#16
Anthracene
Concen: 3.273 ng/ul
RT: 17.45 min Scan# 2444
Delta R.T. 0.01 min
Lab File: BG046409.D
Acq: 21 Aug 2020 12:00

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.8	13.2	19.8
176	17.5	15.2	22.8





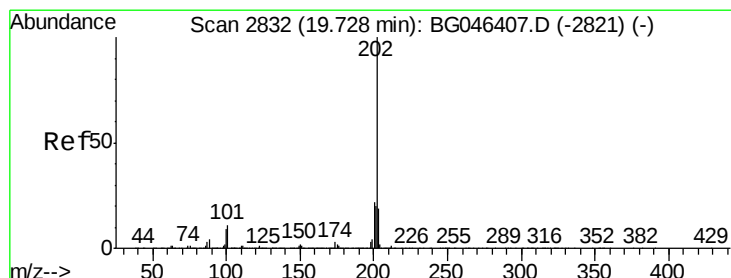
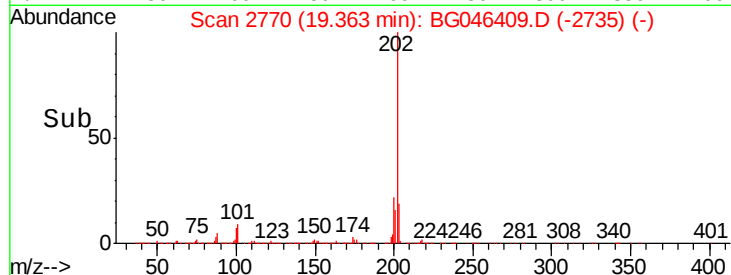
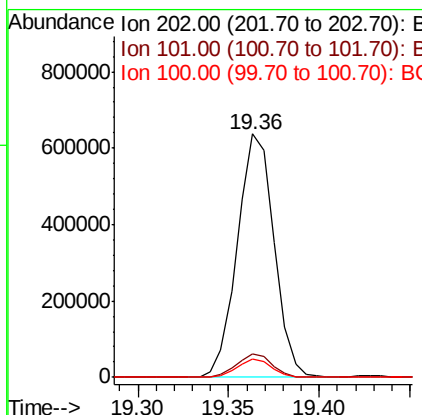
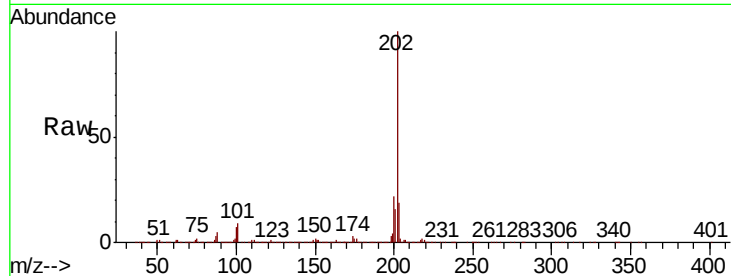
#17
 Fluoranthene
 Concen: 25.634 ng/ul
 RT: 19.36 min Scan# 2770
 Delta R.T. 0.01 min
 Lab File: BG046409.D
 Acq: 21 Aug 2020 12:00

Instrument :
 BNA_G
 ClientSampleId :
 BFMH8

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		896137		
101	9.5	7.8	11.6		
100	7.4	5.9	8.9		

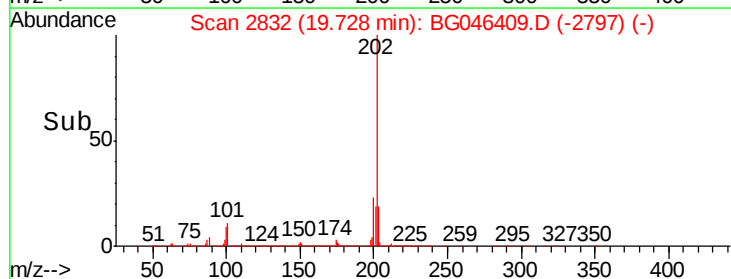
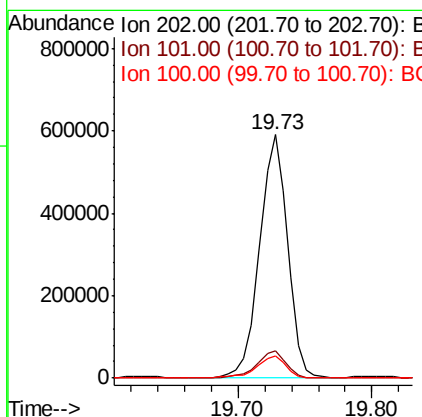
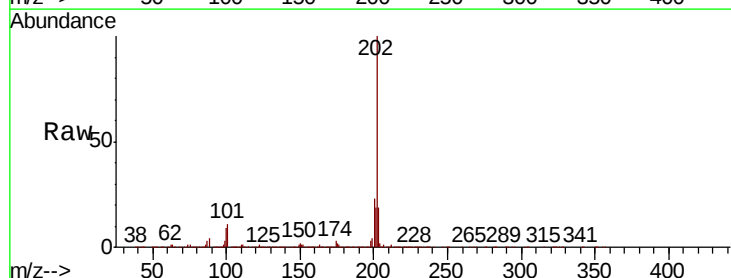
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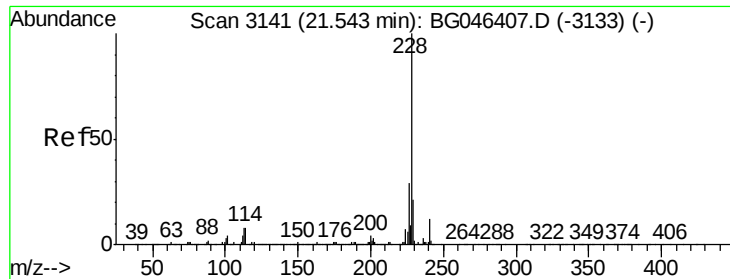
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#20
 Pyrene
 Concen: 23.166 ng/ul
 RT: 19.73 min Scan# 2832
 Delta R.T. 0.01 min
 Lab File: BG046409.D
 Acq: 21 Aug 2020 12:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		850575		
101	11.3	8.9	13.3		
100	9.0	7.9	11.9		





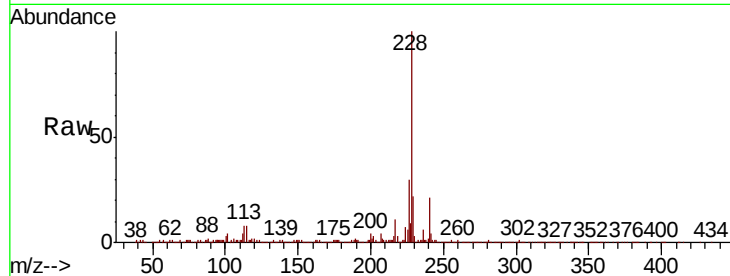
#21
Benzo(a)anthracene
Concen: 12.448 ng/ul
RT: 21.54 min Scan# 3141
Delta R.T. 0.01 min
Lab File: BG046409.D
Acq: 21 Aug 2020 12:00

Instrument :
BNA_G
ClientSampled :
BFMH8

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.7	16.6	25.0
226	29.6	22.6	33.8

Manual Integrations
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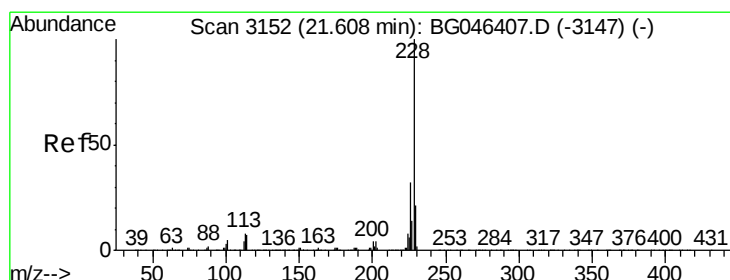
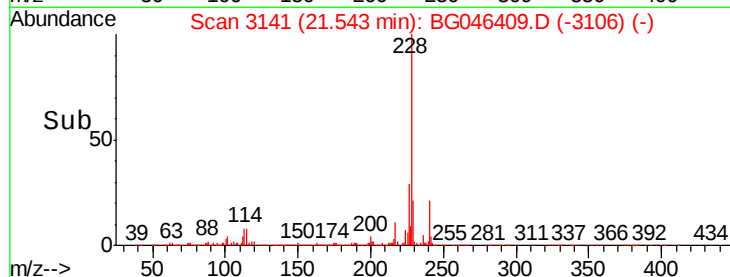
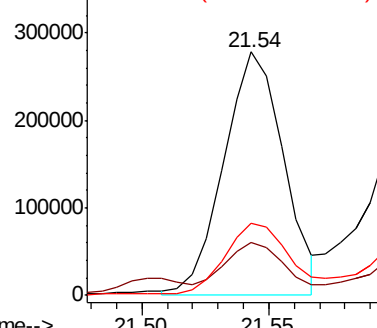


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#22
Chrysene
Concen: 14.234 ng/ul
RT: 21.61 min Scan# 3152
Delta R.T. 0.01 min
Lab File: BG046409.D
Acq: 21 Aug 2020 12:00

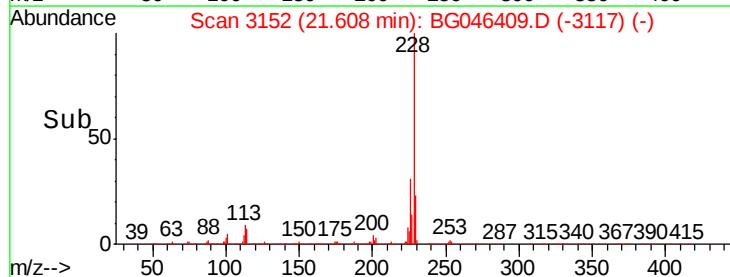
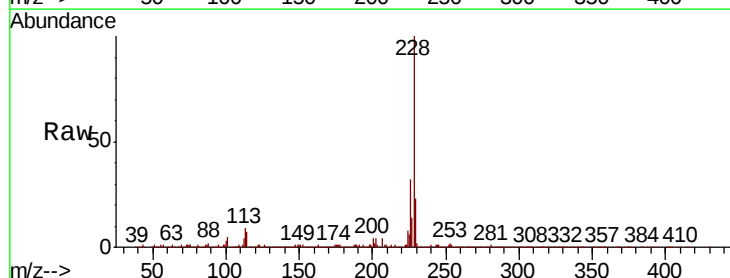
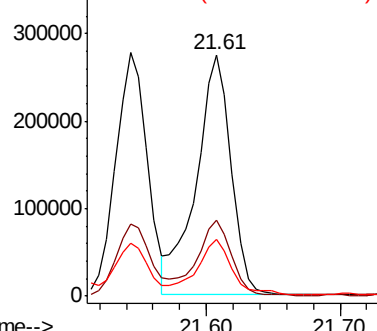
Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.5	38.3
229	23.4	17.0	25.4

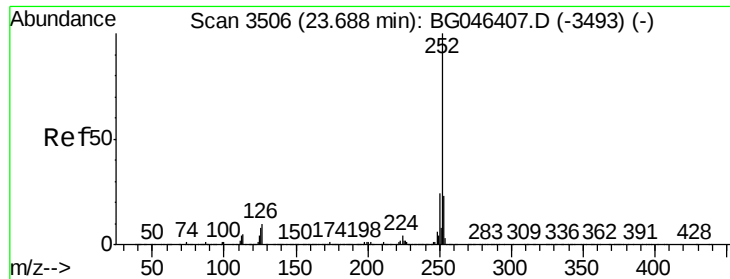
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





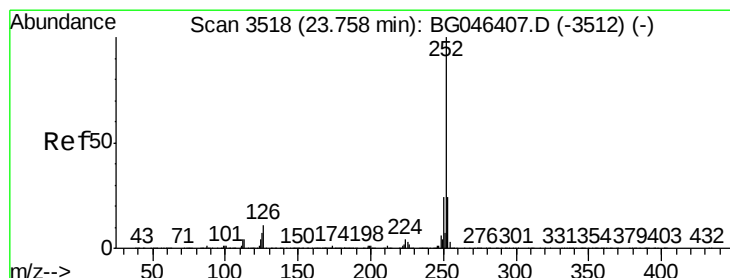
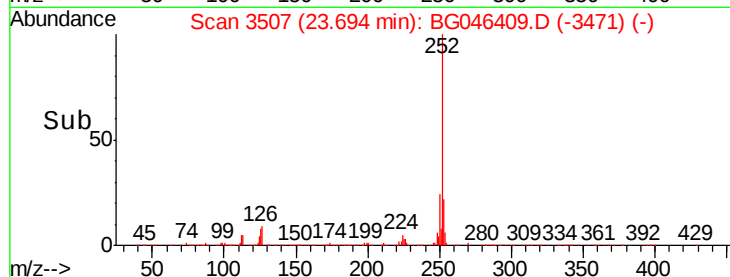
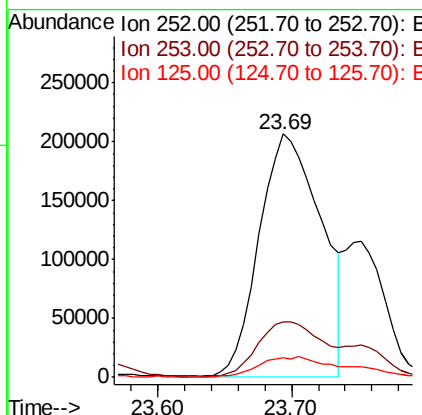
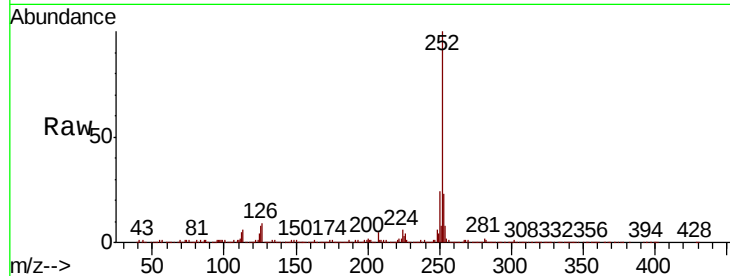
#24
Benzo(b)fluoranthene
Concen: 16.059 ng/ul
RT: 23.69 min Scan# 3507
Delta R.T. 0.01 min
Lab File: BG046409.D
Acq: 21 Aug 2020 12:00

Instrument :
BNA_G
ClientSampled :
BFMH8

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.6
125	8.1	6.4	9.6

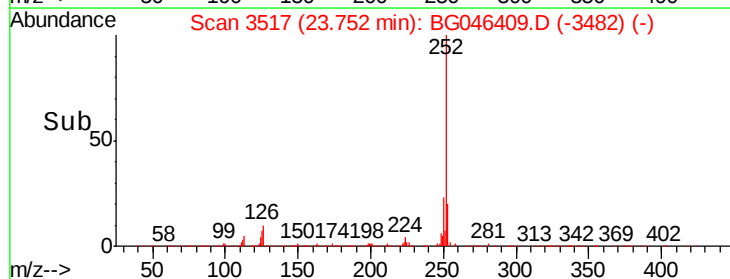
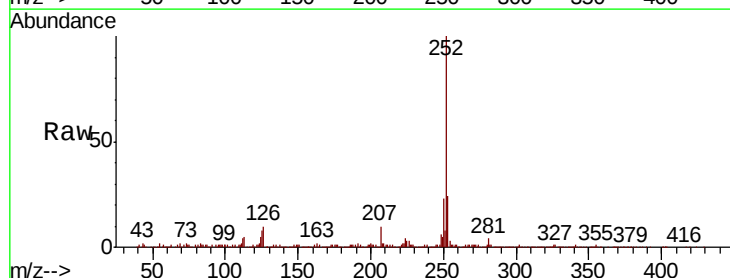
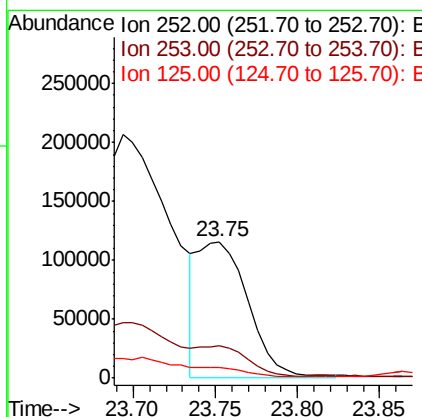
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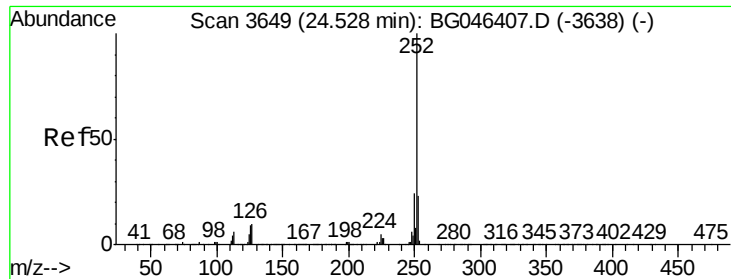
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#25
Benzo(k)fluoranthene
Concen: 5.971 ng/ul m
RT: 23.75 min Scan# 3517
Delta R.T. 0.01 min
Lab File: BG046409.D
Acq: 21 Aug 2020 12:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.5	27.7
125	8.0	6.2	9.2





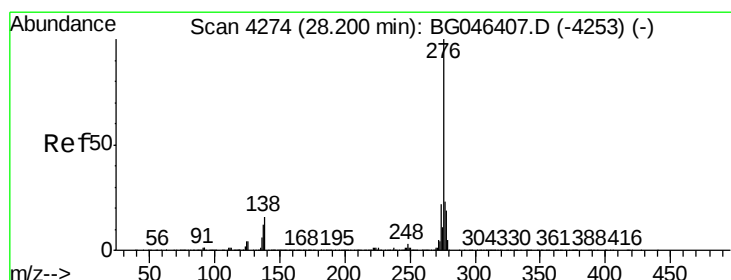
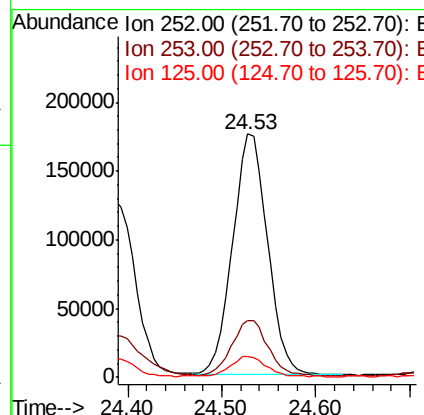
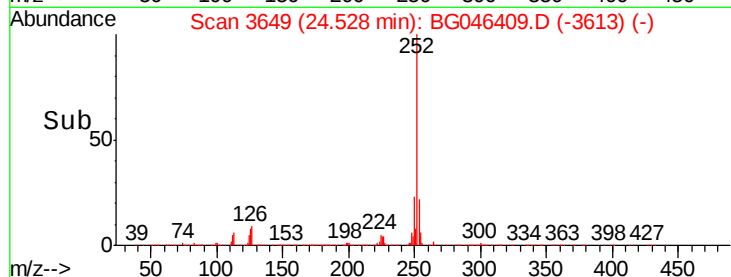
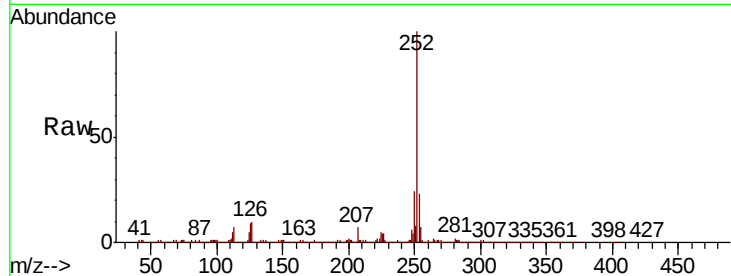
#27
Benzo(a)pyrene
Concen: 11.923 ng/ul
RT: 24.53 min Scan# 3649
Delta R.T. 0.01 min
Lab File: BG046409.D
Acq: 21 Aug 2020 12:00

Instrument :
BNA_G
ClientSampleId :
BFMH8

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.8	26.8
125	8.7	7.1	10.7

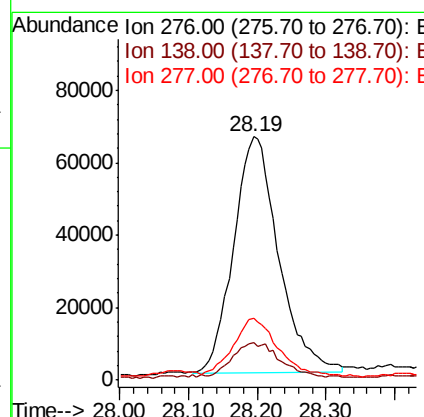
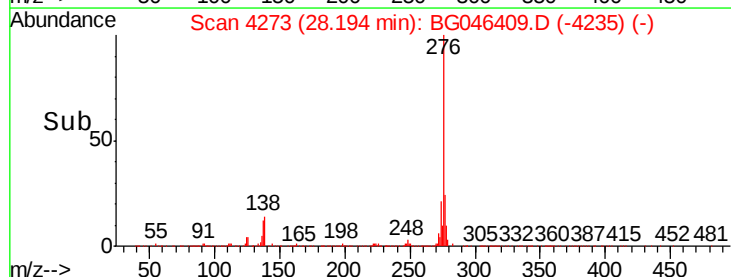
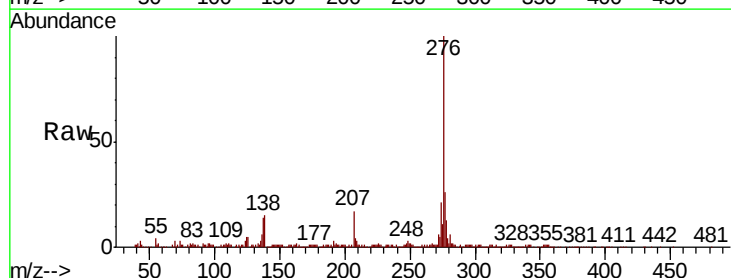
Manual Integrations
APPROVED

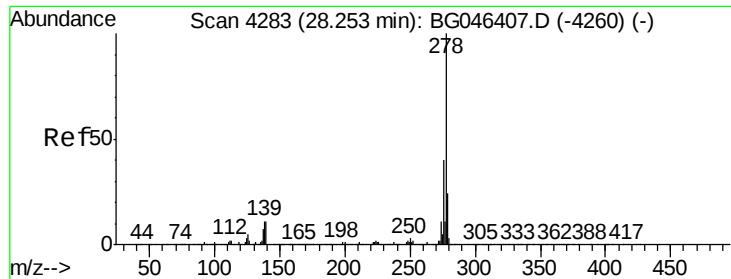
Sohil
8/24/2020 1:46:32 PM



#28
Indeno(1,2,3-cd)pyrene
Concen: 6.269 ng/ul
RT: 28.19 min Scan# 4273
Delta R.T. 0.02 min
Lab File: BG046409.D
Acq: 21 Aug 2020 12:00

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.2	13.2	19.8
277	25.5	19.9	29.9





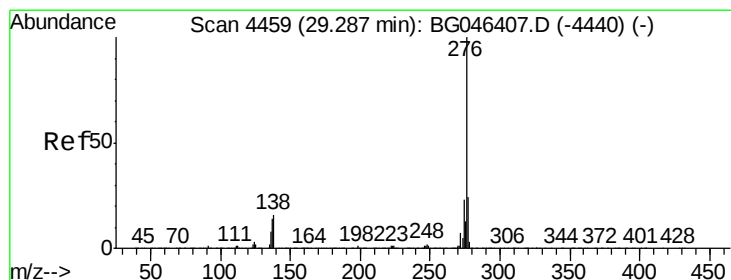
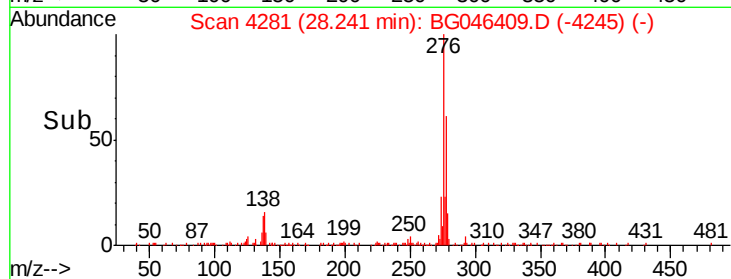
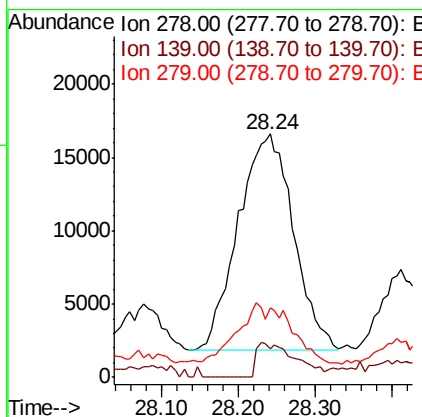
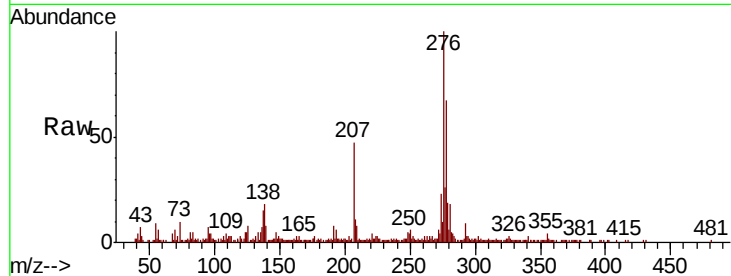
#29
Dibenzo(a,h)anthracene
Concen: 1.920 ng/ul
RT: 28.24 min Scan# 4281
Delta R.T. 0.01 min
Lab File: BG046409.D
Acq: 21 Aug 2020 12:00

Instrument :
BNA_G
ClientSampleId :
BFMH8

Tot Ion	Ratio	Lower	Upper
278	100		
139	11.7	9.8	14.8
279	28.5	19.7	29.5

Manual Integrations
APPROVED

Sohil
8/24/2020 1:46:32 PM



#30
Benzo(g,h,i)perylene
Concen: 6.367 ng/ul
RT: 29.29 min Scan# 4459
Delta R.T. 0.02 min
Lab File: BG046409.D
Acq: 21 Aug 2020 12:00

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.1	12.9	19.3
277	24.6	19.4	29.0

