

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
 Data File : BG046256.D
 Acq On : 13 Aug 2020 19:42
 Operator : CG/JU
 Sample : L3629-14
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFM61

Manual Integrations
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Quant Time: Aug 14 05:39:56 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	103624	20.00	ng/ul	0.00
2) Naphthalene-d8	10.75	136	413888	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	266956	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.32	188	593990	20.00	ng/ul	0.00
18) Chrysene-d12	21.56	240	576988	20.00	ng/ul	0.00
23) Perylene-d12	24.67	264	606575	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.37	165	117679	16.51	ng/ul	0.00
7) Acenaphthylene-d8	14.27	160	455959	18.56	ng/ul	0.00
10) Fluorene-d10	15.57	176	349367	18.56	ng/ul	0.00
15) Anthracene-d10	17.41	188	513720	18.66	ng/ul	0.00
19) Pyrene-d10	19.70	212	593512	19.98	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.46	264	626503	18.93	ng/ul	0.00
Target Compounds				Qvalue		
14) Phenanthrene	17.36	178	106012	3.244	ng/ul	98
17) Fluoranthene	19.37	202	230901	6.337	ng/ul	97
20) Pyrene	19.73	202	206117	5.442	ng/ul	98
21) Benzo(a)anthracene	21.54	228	115139	3.067	ng/ul	97
22) Chrysene	21.61	228	127670	3.518	ng/ul	97
24) Benzo(b)fluoranthene	23.69	252	194934	4.860	ng/ul	98
25) Benzo(k)fluoranthene	23.74	252	54800m	1.377	ng/ul	
27) Benzo(a)pyrene	24.52	252	120653	3.276	ng/ul	97
28) Indeno(1,2,3-cd)pyrene	28.17	276	93394	2.025	ng/ul	97
30) Benzo(g,h,i)perylene	29.26	276	80001	2.073	ng/ul	98

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

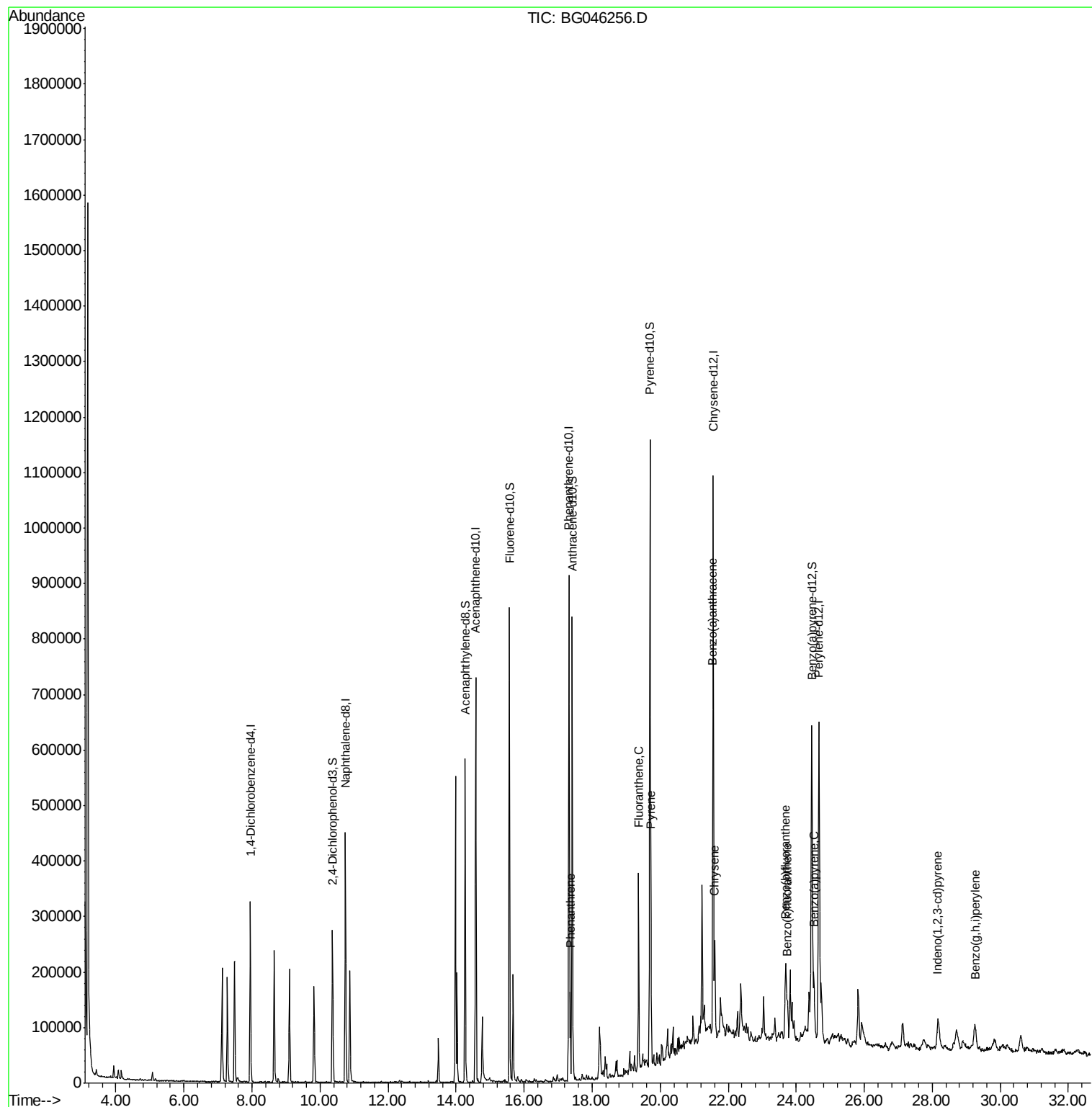
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046256.D
Acq On : 13 Aug 2020 19:42
Operator : CG/JU
Sample : L3629-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

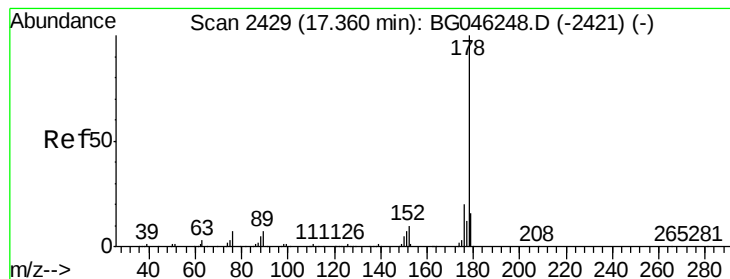
Instrument :
BNA_G
ClientSampleId :
BFM61

Quant Time: Aug 14 05:39:56 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
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#14

Phenanthrene

Concen: 3.244 ng/ul

RT: 17.36 min Scan# 2429

Delta R.T. 0.00 min

Lab File: BG046256.D

Acq: 13 Aug 2020 19:42

Instrument :

BNA_G

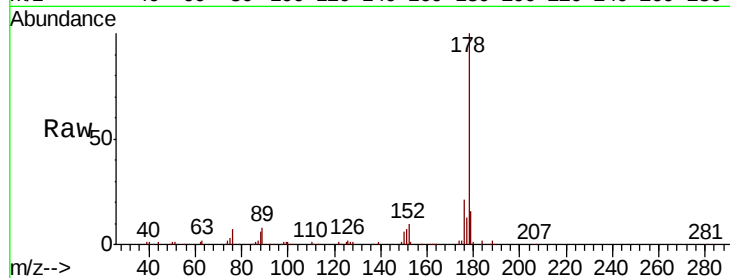
ClientSampleId :

BFM61

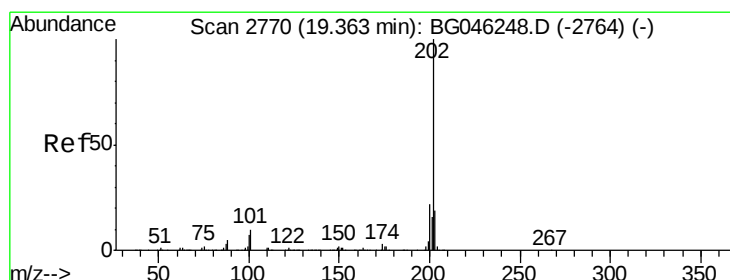
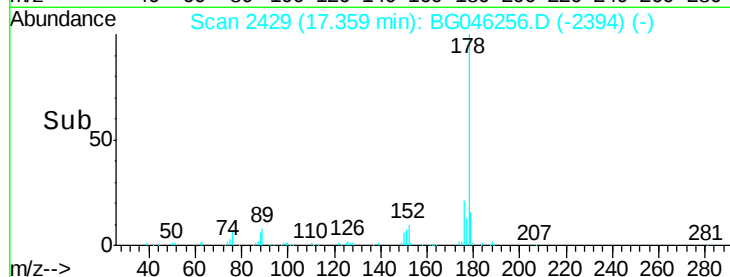
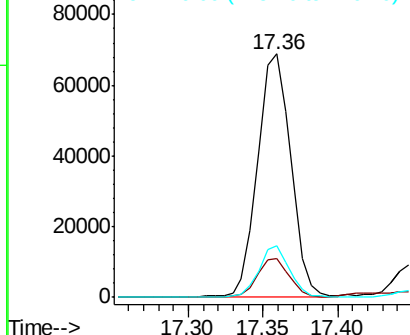
Tot Ion:	178	Resp:	106012
Ion Ratio	Lower	Upper	
178	100		
179	15.7	12.8	19.2
176	21.0	15.8	23.8

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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: 6.337 ng/ul

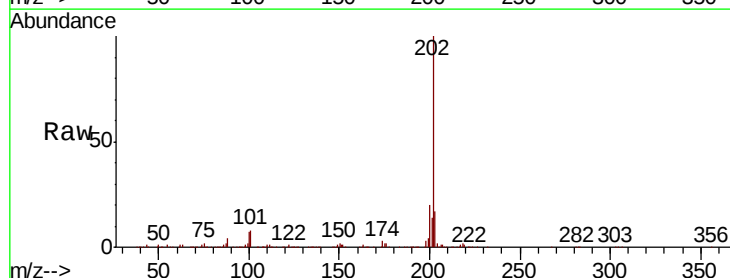
RT: 19.37 min Scan# 2771

Delta R.T. 0.00 min

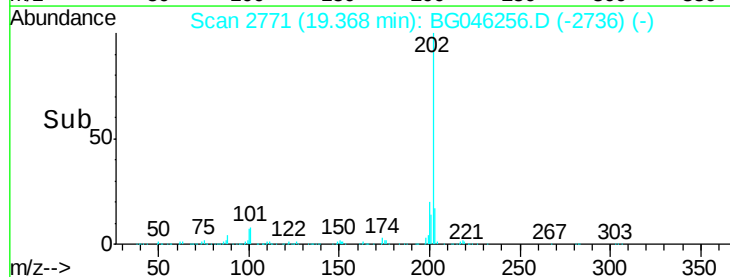
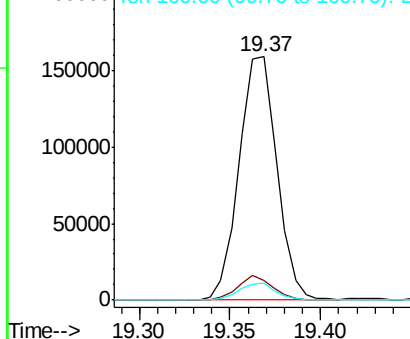
Lab File: BG046256.D

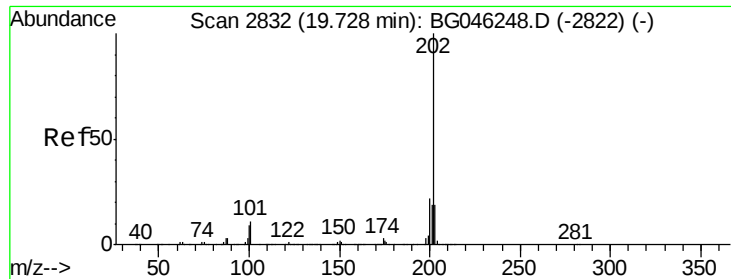
Acq: 13 Aug 2020 19:42

Tgt Ion:	202	Resp:	230901
Ion Ratio	Lower	Upper	
202	100		
101	8.0	7.8	11.6
100	6.8	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





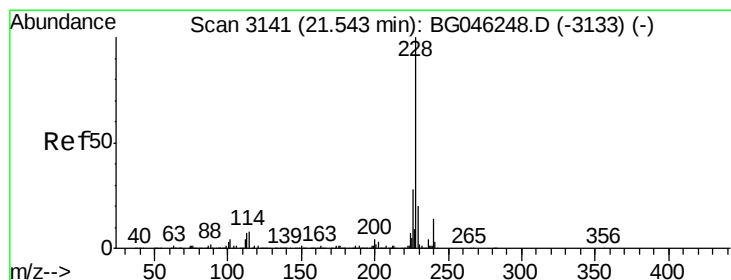
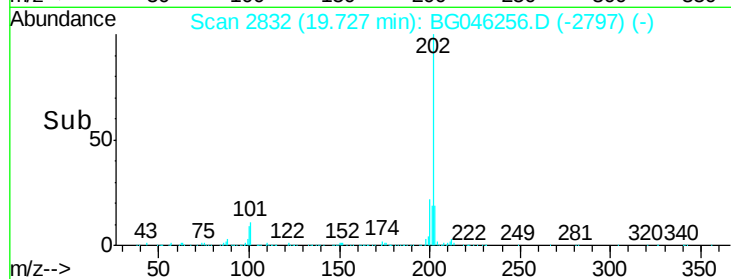
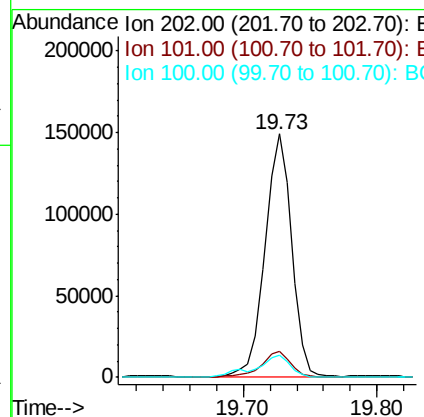
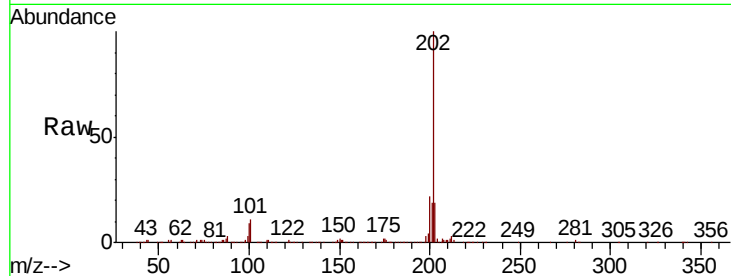
#20
Pvrene
Concen: 5.442 ng/ul
RT: 19.73 min Scan# 2832
Delta R.T. 0.00 min
Lab File: BG046256.D
Acq: 13 Aug 2020 19:42

Instrument :
BNA_G
ClientSampleId :
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	10.9		8.9	13.3	
100	8.9		7.9	11.9	

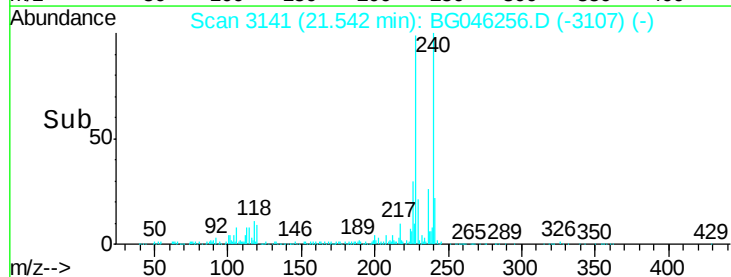
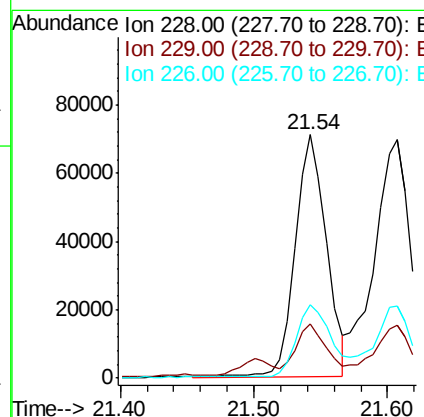
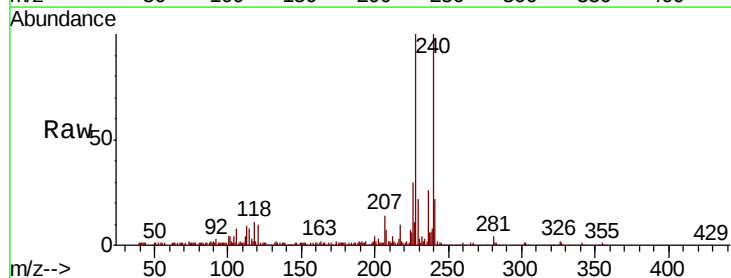
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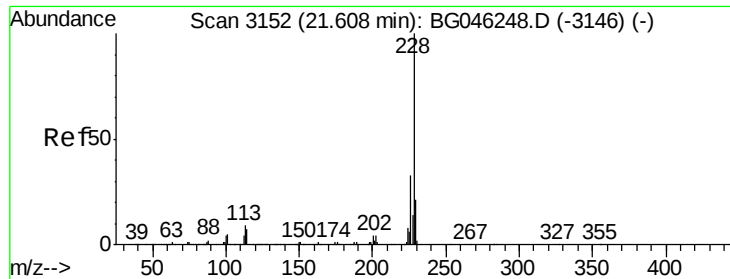
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#21
Benzo(a)anthracene
Concen: 3.067 ng/ul
RT: 21.54 min Scan# 3141
Delta R.T. -0.00 min
Lab File: BG046256.D
Acq: 13 Aug 2020 19:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
228	100				
229	22.3		16.6	25.0	
226	30.1		22.6	33.8	





#22

Chrysene

Concen: 3.518 ng/ul

RT: 21.61 min Scan# 3152

Delta R.T. 0.00 min

Lab File: BG046256.D

Acq: 13 Aug 2020 19:42

Instrument :

BNA_G

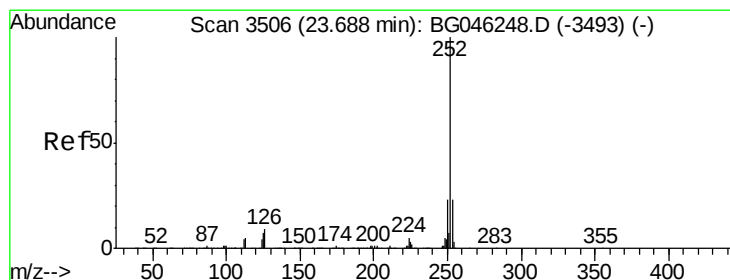
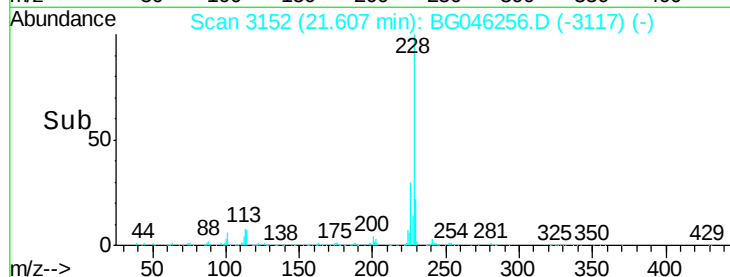
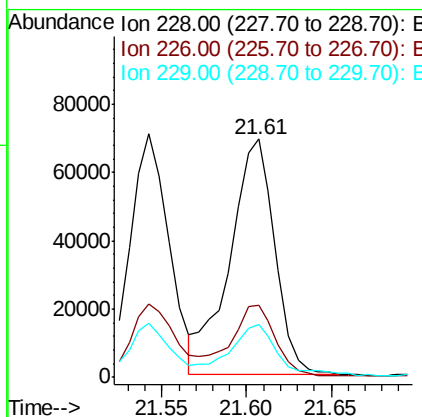
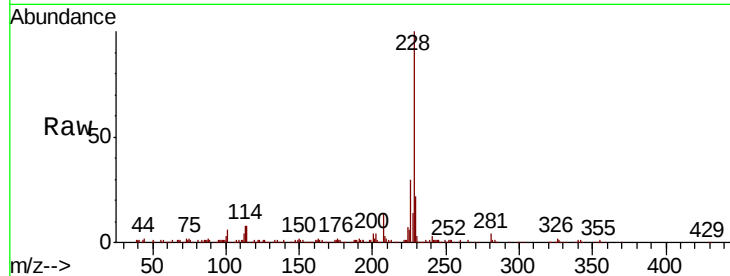
ClientSampled :

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Tot Ion:	228	Resp:	127670
Ion Ratio	Lower	Upper	
228	100		
226	30.2	25.5	38.3
229	22.2	17.0	25.4

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#24

Benzo(b)fluoranthene

Concen: 4.860 ng/ul

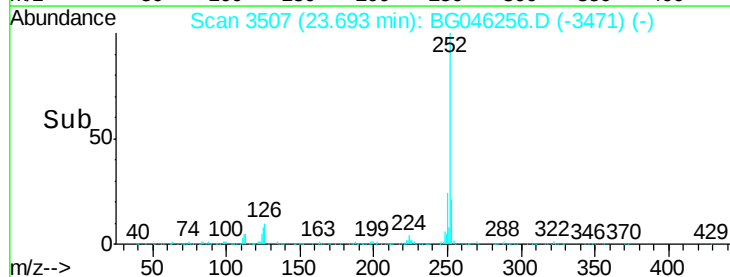
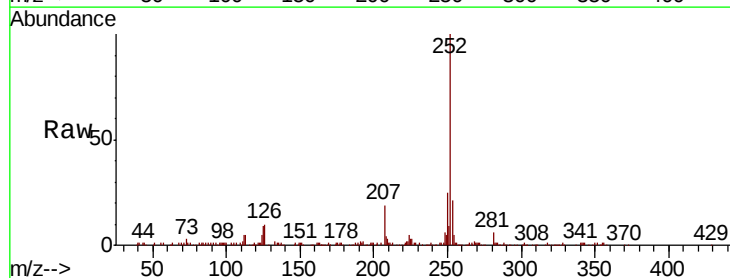
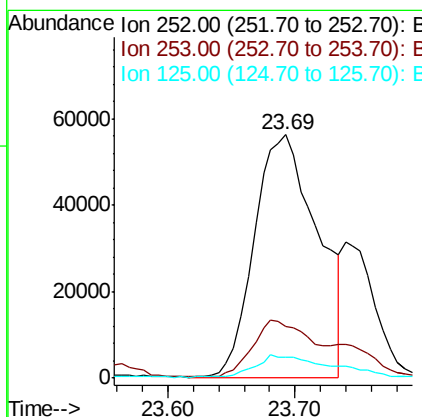
RT: 23.69 min Scan# 3507

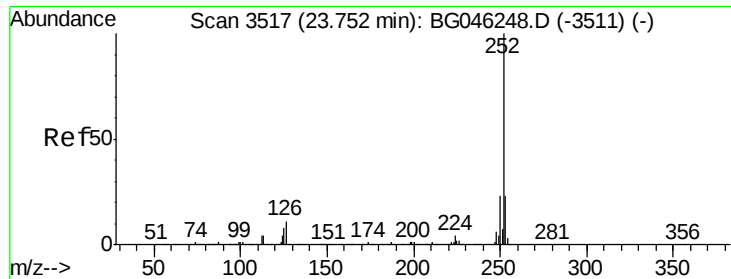
Delta R.T. 0.01 min

Lab File: BG046256.D

Acq: 13 Aug 2020 19:42

Tgt Ion:	252	Resp:	194934
Ion Ratio	Lower	Upper	
252	100		
253	20.9	17.8	26.6
125	8.6	6.4	9.6





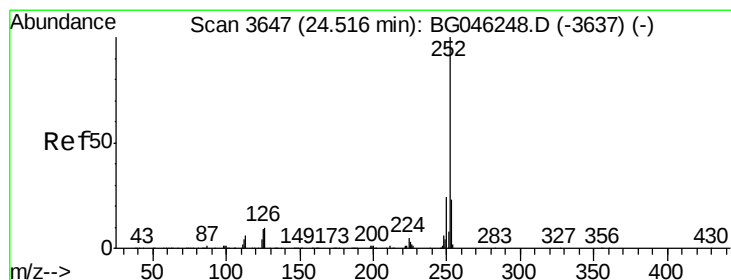
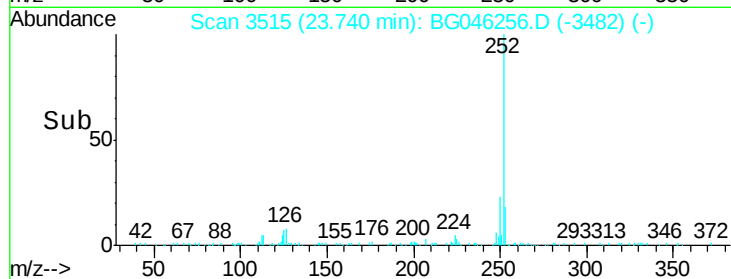
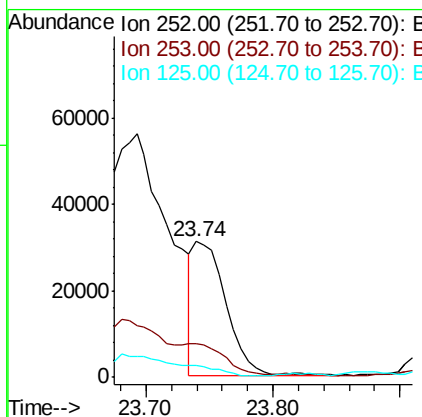
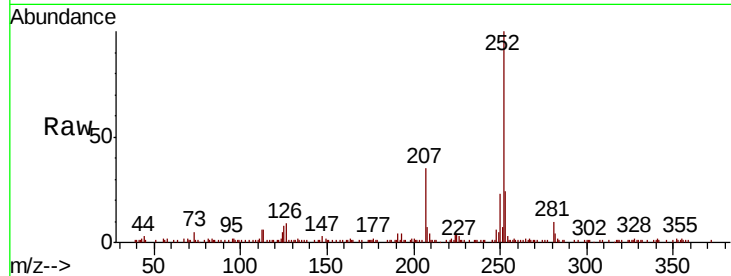
#25
Benzo(k)fluoranthene
Concen: 1.377 ng/ul
RT: 23.74 min Scan# 3515
Delta R.T. -0.01 min
Lab File: BG046256.D
Acq: 13 Aug 2020 19:42

Instrument :
BNA_G
ClientSampleId :
BFM61

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.5	27.7
125	8.5	6.2	9.2

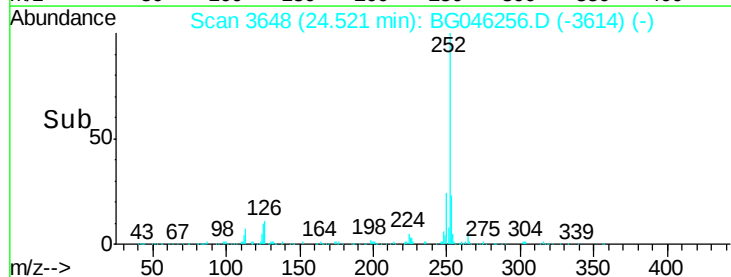
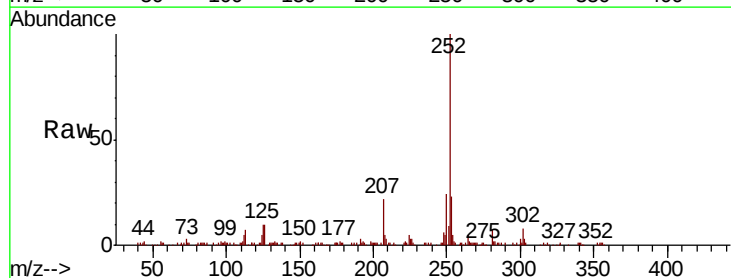
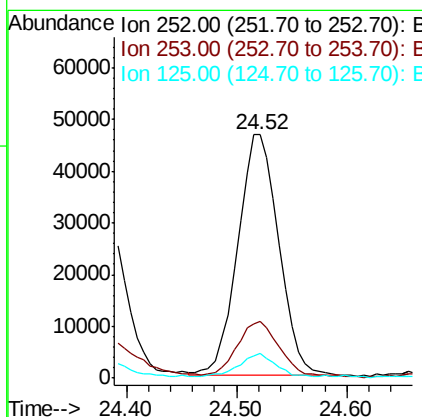
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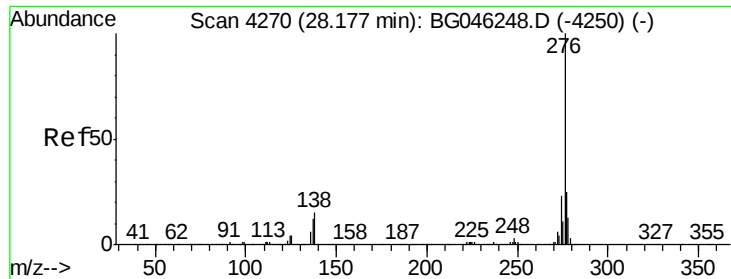
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#27
Benzo(a)pyrene
Concen: 3.276 ng/ul
RT: 24.52 min Scan# 3648
Delta R.T. -0.00 min
Lab File: BG046256.D
Acq: 13 Aug 2020 19:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.8	26.8
125	10.1	7.1	10.7





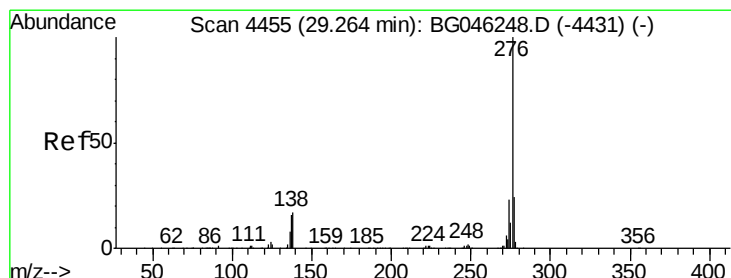
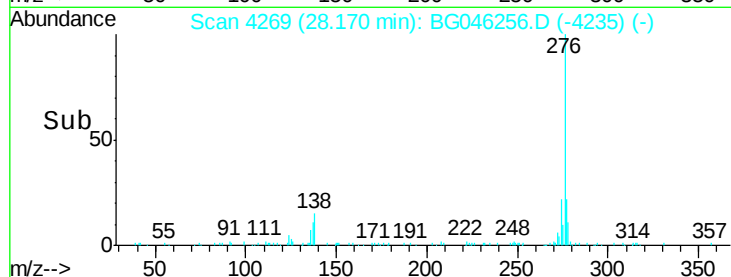
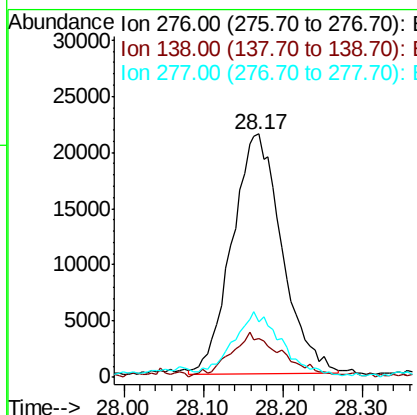
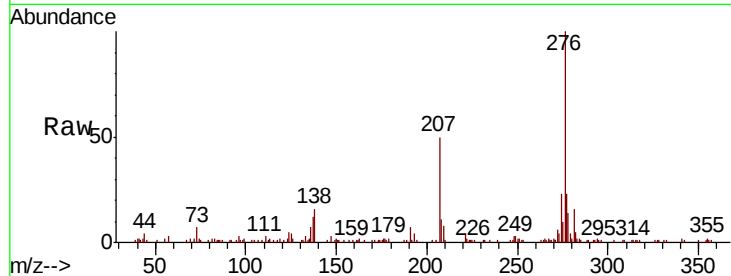
#28
 Indeno(1,2,3-cd)pyrene
 Concen: 2.025 ng/ul
 RT: 28.17 min Scan# 4269
 Delta R.T. -0.00 min
 Lab File: BG046256.D
 Acq: 13 Aug 2020 19:42

Instrument :
 BNA_G
 ClientSampled :
 BFM61

Tot Ion:276	Resp:	93394
Ion Ratio	Lower	Upper
276 100		
138 15.7	13.2	19.8
277 22.9	19.9	29.9

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#30
 Benzo(g,h,i)perylene
 Concen: 2.073 ng/ul
 RT: 29.26 min Scan# 4454
 Delta R.T. -0.01 min
 Lab File: BG046256.D
 Acq: 13 Aug 2020 19:42

Tgt Ion:276	Resp:	80001
Ion Ratio	Lower	Upper
276 100		
138 16.7	12.9	19.3
277 23.3	19.4	29.0

