

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
 Data File : BG046402.D
 Acq On : 21 Aug 2020 7:20
 Operator : CG/JU
 Sample : L3635-08
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFMH4

Manual Integrations
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Quant Time: Aug 21 08:26:36 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 21 04:43:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	89053	20.00	ng/ul	0.00
2) Naphthalene-d8	10.74	136	369339	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	243851	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	538326	20.00	ng/ul	0.00
18) Chrysene-d12	21.56	240	526931	20.00	ng/ul	0.00
23) Perylene-d12	24.67	264	575317	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	77931	12.25	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	307362	13.70	ng/ul	0.00
10) Fluorene-d10	15.56	176	242119	14.08	ng/ul	0.00
15) Anthracene-d10	17.41	188	355357	14.24	ng/ul	0.00
19) Pyrene-d10	19.69	212	428472	15.80	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.46	264	449525	14.32	ng/ul	0.00
Target Compounds				Qvalue		
14) Phenanthrene	17.35	178	169613	5.727	ng/ul	98
17) Fluoranthene	19.36	202	389181	11.785	ng/ul	99
20) Pyrene	19.72	202	374268	10.821	ng/ul	98
21) Benzo(a)anthracene	21.54	228	199089	5.807	ng/ul	98
22) Chrysene	21.60	228	214908	6.484	ng/ul	97
24) Benzo(b)fluoranthene	23.69	252	279969	7.359	ng/ul	99
25) Benzo(k)fluoranthene	23.75	252	97818m	2.592	ng/ul	
27) Benzo(a)pyrene	24.52	252	182035	5.212	ng/ul	98
28) Indeno(1,2,3-cd)pyrene	28.19	276	120221	2.749	ng/ul	98
30) Benzo(g,h,i)perylene	29.27	276	98370	2.688	ng/ul	98

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

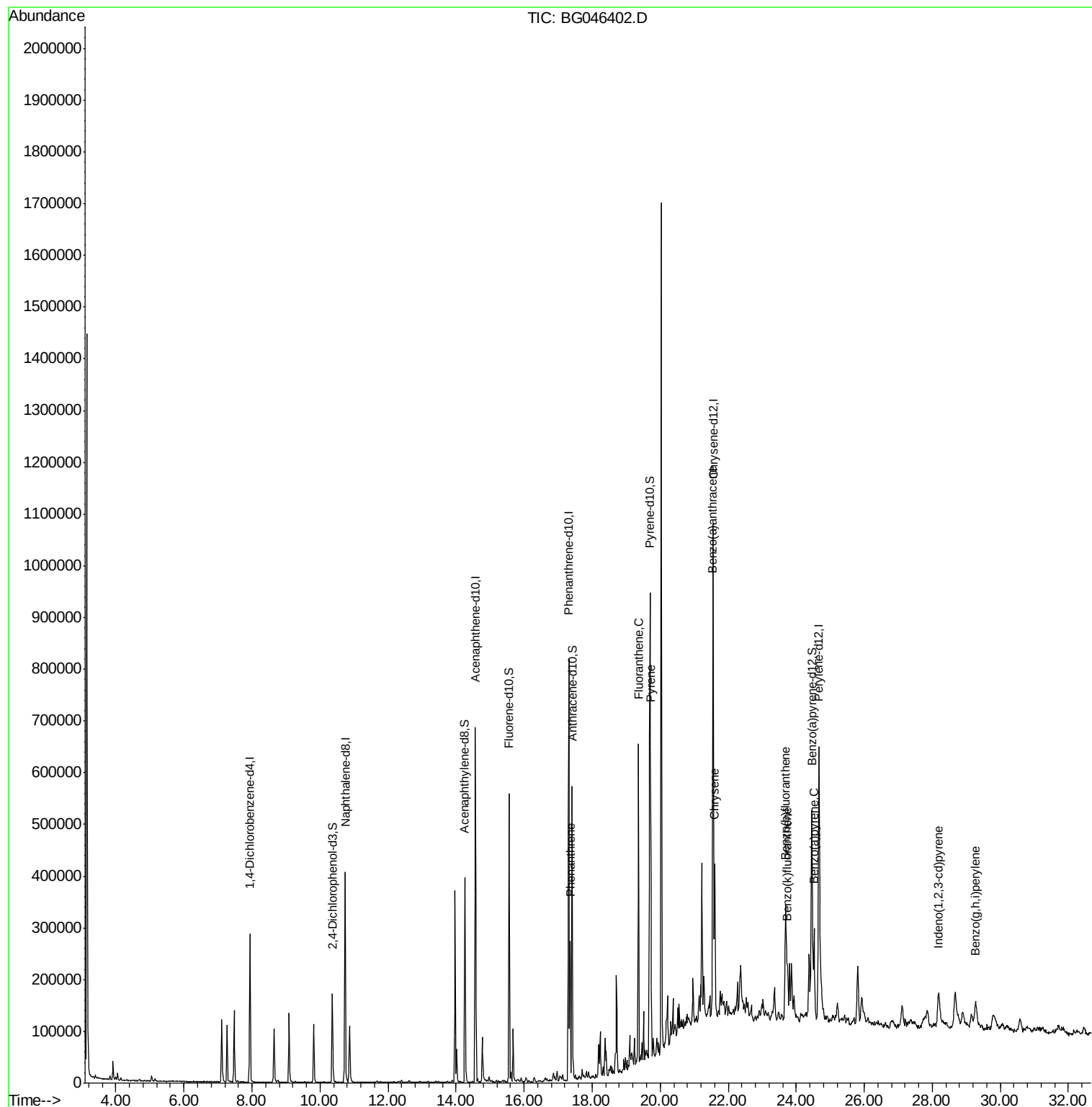
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046402.D
Acq On : 21 Aug 2020 7:20
Operator : CG/JU
Sample : L3635-08
Misc :
ALS Vial : 66 Sample Multiplier: 1

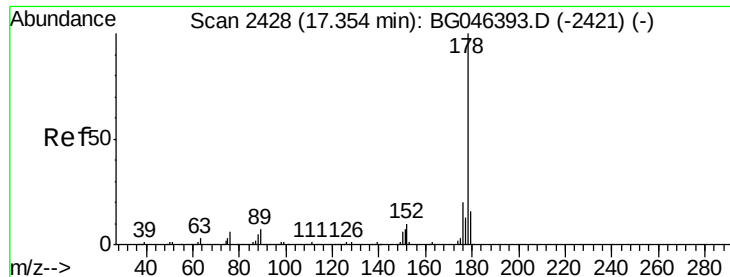
Instrument :
BNA_G
ClientSampleId :
BFMH4

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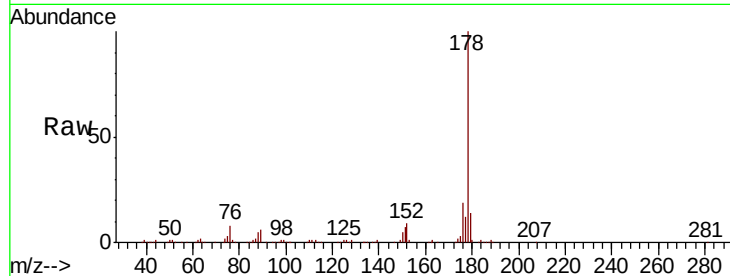
#14
Phenanthrene
Concen: 5.727 ng/ul
RT: 17.35 min Scan# 2428
Delta R.T. 0.00 min
Lab File: BG046402.D
Acq: 21 Aug 2020 7:20

Instrument :
BNA_G
ClientSampleId :
BFMH4

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.5	12.8	19.2
176	19.1	15.8	23.8

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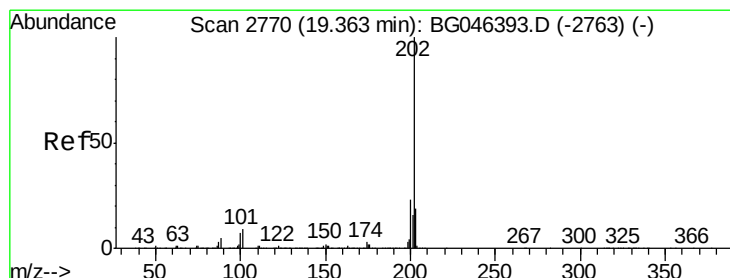
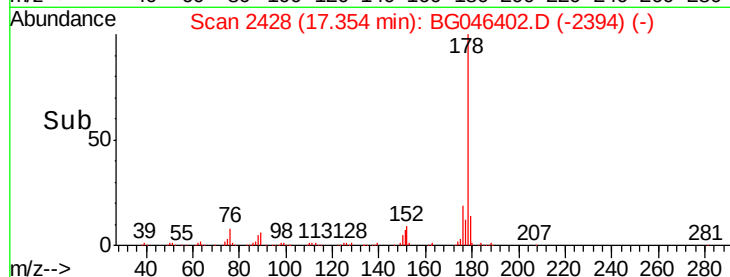
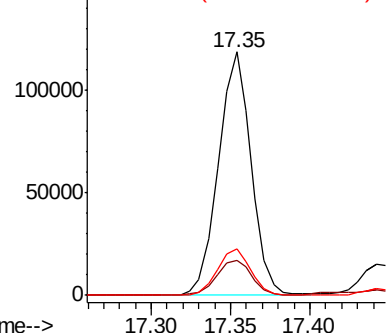


Abundance

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: 11.785 ng/ul
RT: 19.36 min Scan# 2770
Delta R.T. 0.00 min
Lab File: BG046402.D
Acq: 21 Aug 2020 7:20

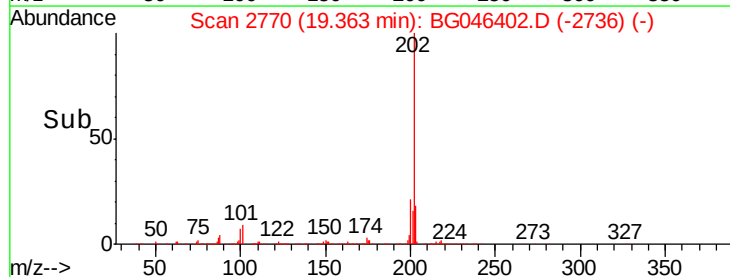
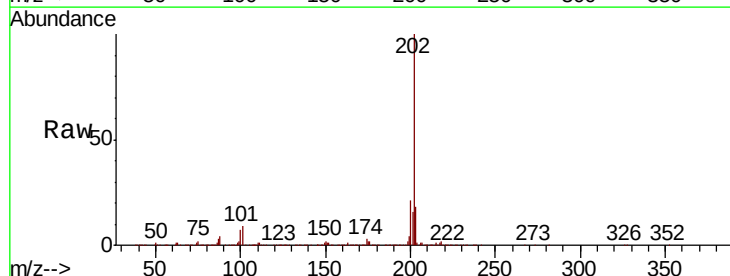
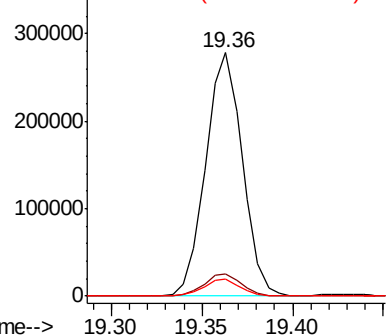
Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.3	7.8	11.6
100	6.9	5.9	8.9

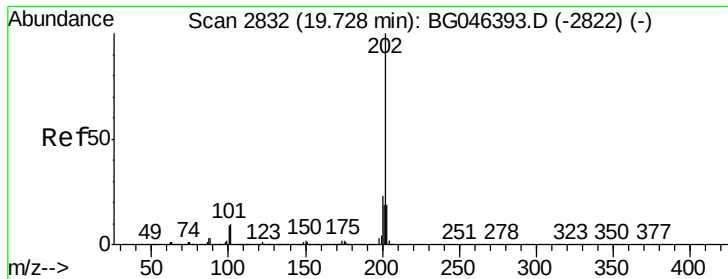
Abundance

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





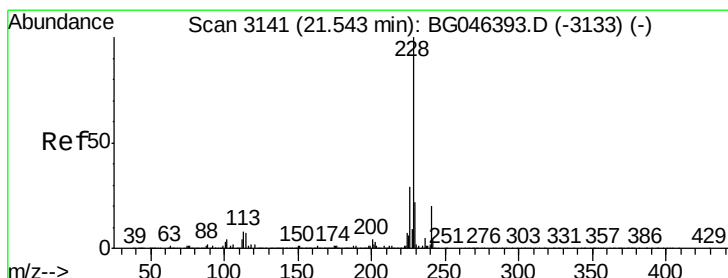
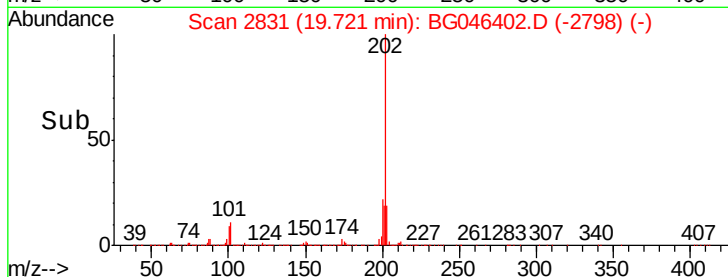
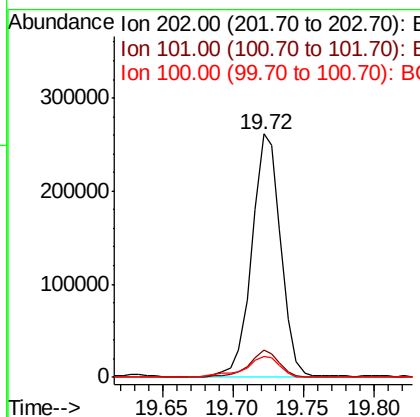
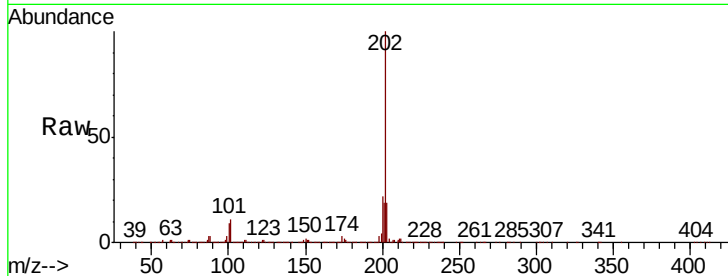
#20
Pvrene
Concen: 10.821 ng/ul
RT: 19.72 min Scan# 2831
Delta R.T. -0.01 min
Lab File: BG046402.D
Acq: 21 Aug 2020 7:20

Instrument :
BNA_G
ClientSampleId :
BFMH4

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.2	8.9	13.3
100	8.7	7.9	11.9

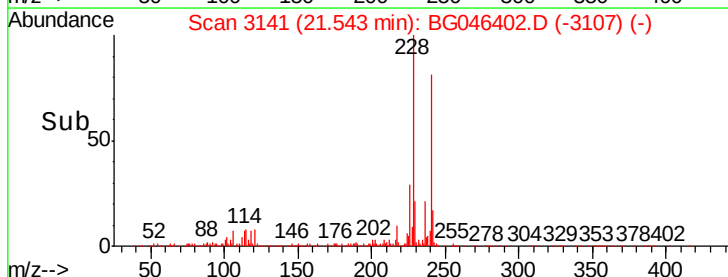
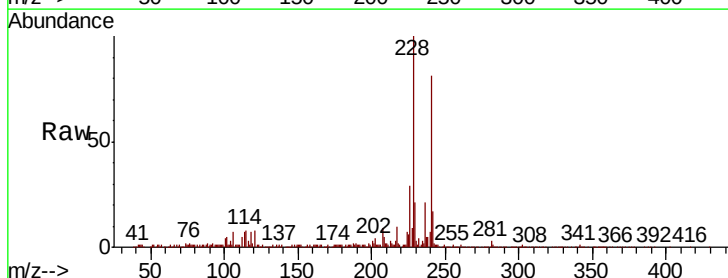
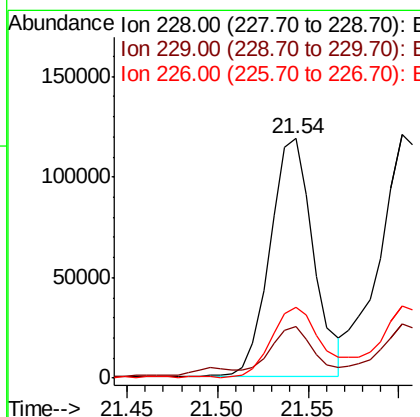
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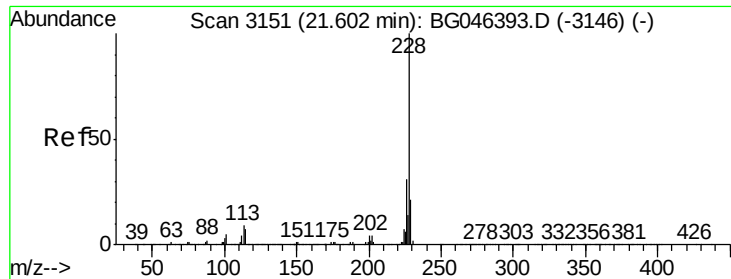
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#21
Benzo(a)anthracene
Concen: 5.807 ng/ul
RT: 21.54 min Scan# 3141
Delta R.T. 0.00 min
Lab File: BG046402.D
Acq: 21 Aug 2020 7:20

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.4	16.6	25.0
226	29.3	22.6	33.8





#22

Chrysene

Concen: 6.484 ng/ul

RT: 21.60 min Scan# 3151

Delta R.T. -0.01 min

Lab File: BG046402.D

Acq: 21 Aug 2020 7:20

Instrument :

BNA_G

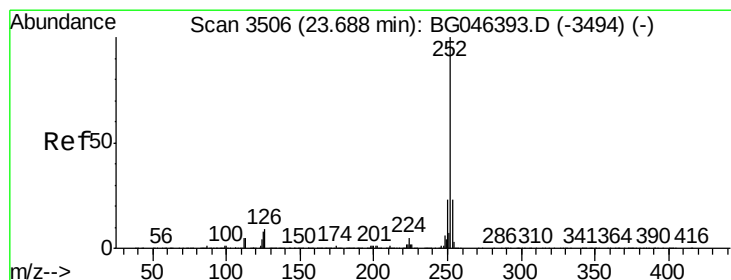
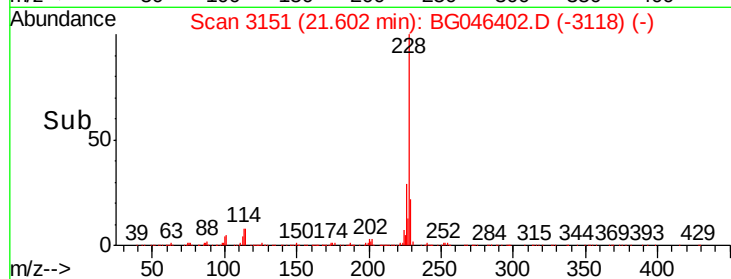
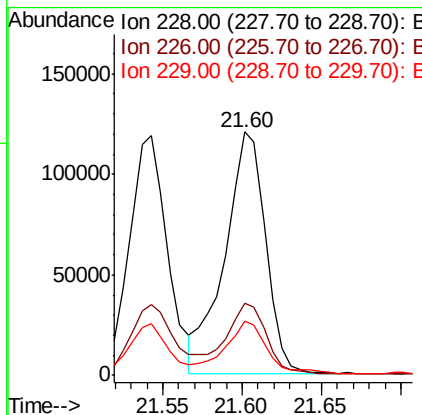
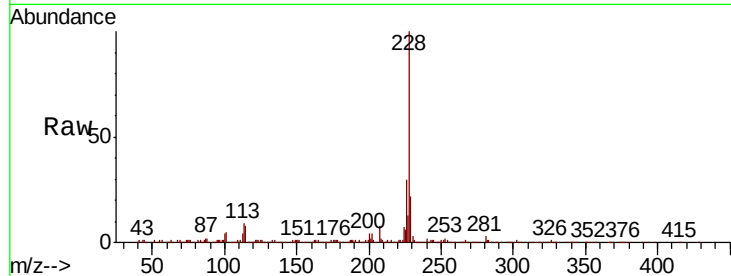
ClientSampleId :

BFMH4

Tot Ion:	228	Resp:	214908
Ion Ratio		Lower	Upper
228	100		
226	29.7	25.5	38.3
229	22.0	17.0	25.4

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#24

Benzo(b)fluoranthene

Concen: 7.359 ng/ul

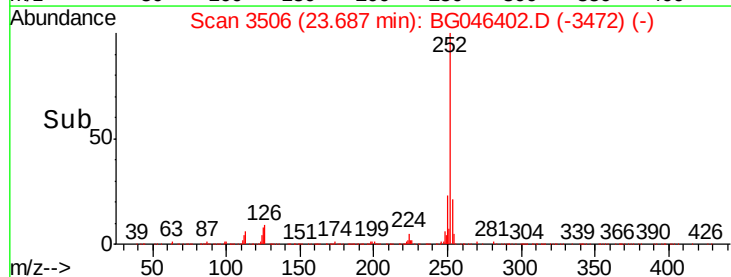
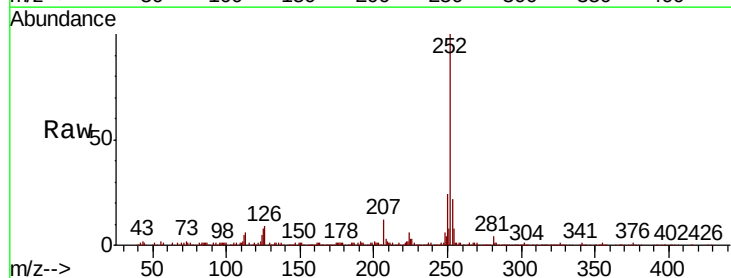
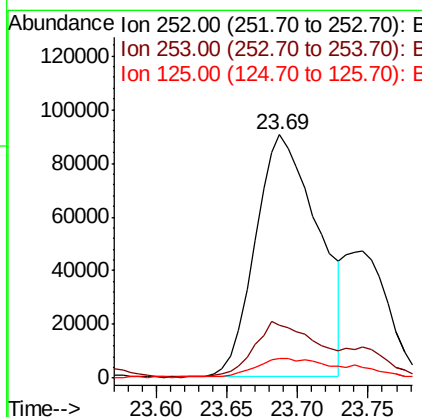
RT: 23.69 min Scan# 3506

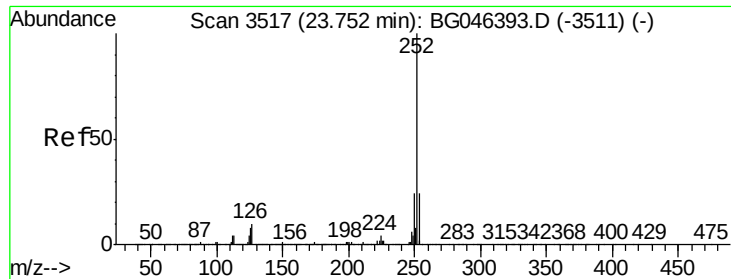
Delta R.T. 0.00 min

Lab File: BG046402.D

Acq: 21 Aug 2020 7:20

Tgt Ion:	252	Resp:	279969
Ion Ratio		Lower	Upper
252	100		
253	21.8	17.8	26.6
125	8.3	6.4	9.6





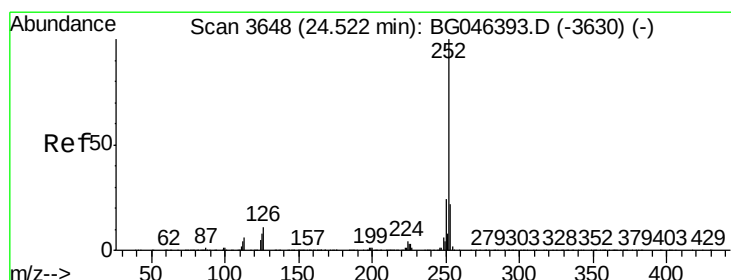
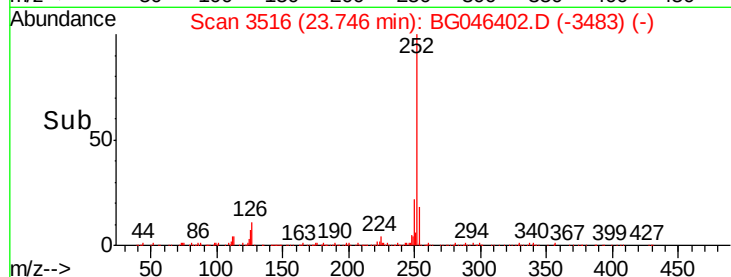
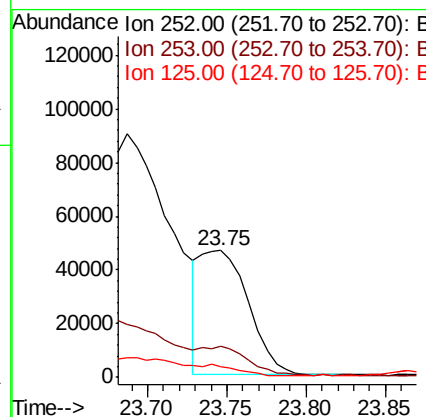
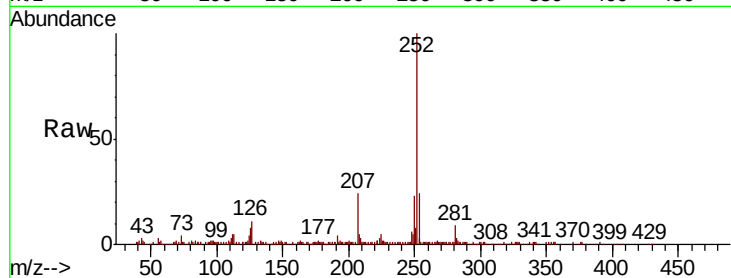
#25
Benzo(k)fluoranthene
Concen: 2.592 ng/ul m
RT: 23.75 min Scan# 3516
Delta R.T. -0.01 min
Lab File: BG046402.D
Acq: 21 Aug 2020 7:20

Instrument :
BNA_G
ClientSampled :
BFMH4

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.5	27.7
125	8.1	6.2	9.2

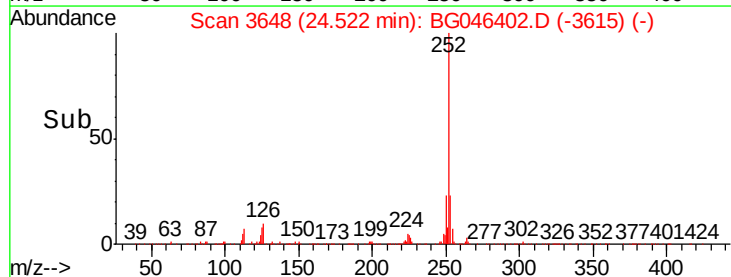
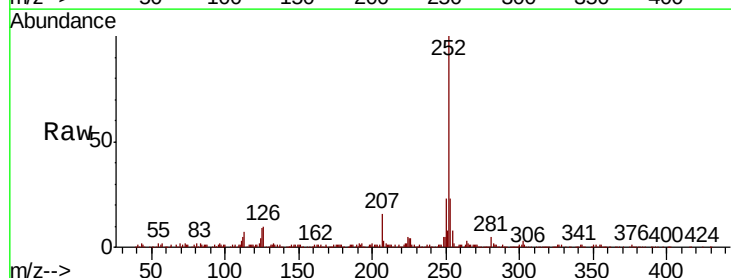
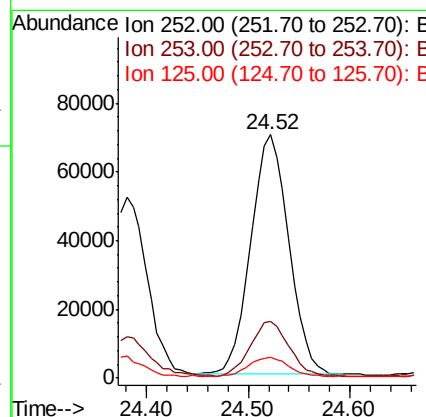
Manual Integrations
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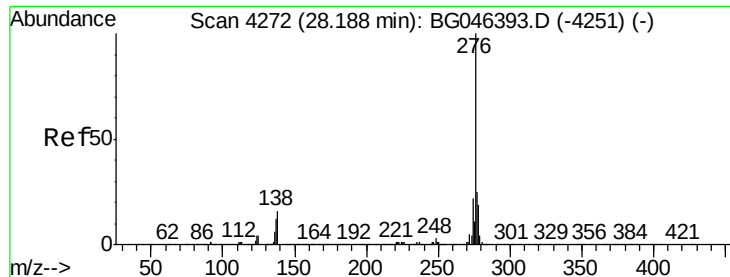
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#27
Benzo(a)pyrene
Concen: 5.212 ng/ul
RT: 24.52 min Scan# 3648
Delta R.T. -0.01 min
Lab File: BG046402.D
Acq: 21 Aug 2020 7:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.8	26.8
125	8.6	7.1	10.7





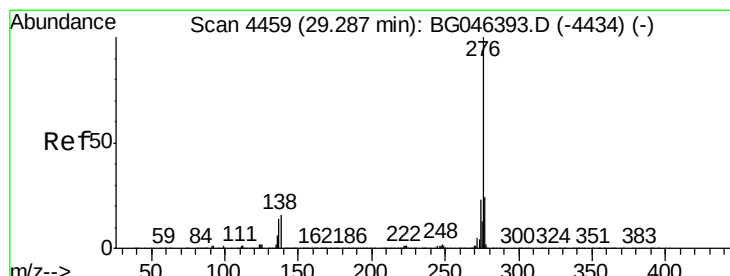
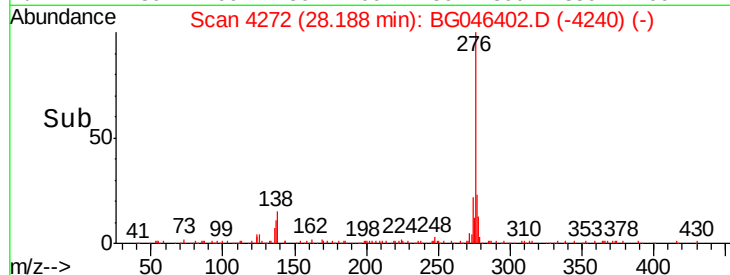
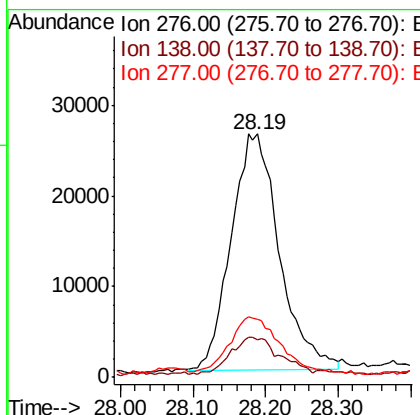
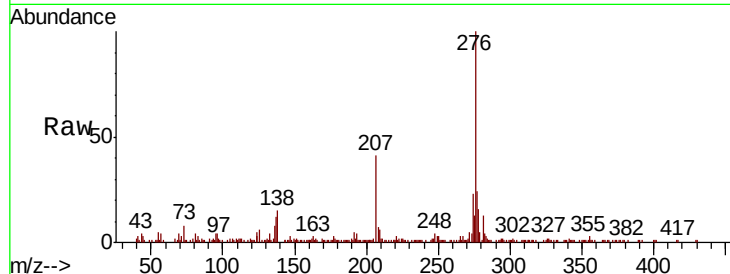
#28
 Indeno(1,2,3-cd)pyrene
 Concen: 2.749 ng/ul
 RT: 28.19 min Scan# 4272
 Delta R.T. -0.01 min
 Lab File: BG046402.D
 Acq: 21 Aug 2020 7:20

Instrument :
 BNA_G
 ClientSampleId :
 BFMH4

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.4	13.2	19.8
277	23.9	19.9	29.9

Manual Integrations
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#30
 Benzo(g,h,i)perylene
 Concen: 2.688 ng/ul
 RT: 29.27 min Scan# 4456
 Delta R.T. -0.02 min
 Lab File: BG046402.D
 Acq: 21 Aug 2020 7:20

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.2	12.9	19.3
277	23.5	19.4	29.0

