

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
 Data File : BG046399.D
 Acq On : 21 Aug 2020 5:20
 Operator : CG/JU
 Sample : L3635-15
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFMJ1

Quant Time: Aug 21 06:20:56 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

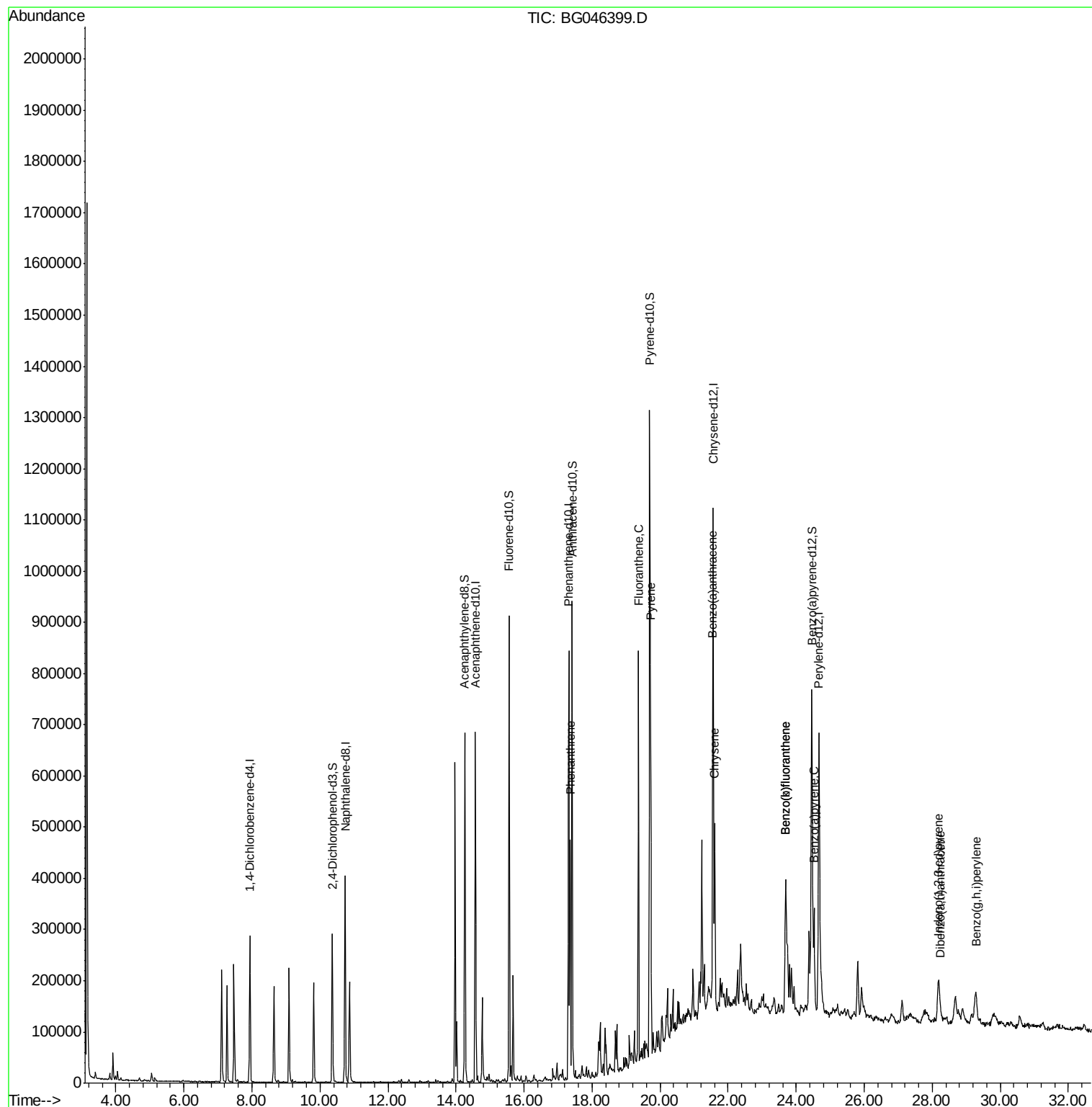
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	89860	20.00	ng/ul	0.00
2) Naphthalene-d8	10.74	136	371407	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	249614	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	552960	20.00	ng/ul	0.00
18) Chrysene-d12	21.56	240	541669	20.00	ng/ul	0.00
23) Perylene-d12	24.67	264	594082	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	131563	20.57	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	515494	22.44	ng/ul	0.00
10) Fluorene-d10	15.56	176	403982	22.95	ng/ul	0.00
15) Anthracene-d10	17.41	188	564567	22.02	ng/ul	0.00
19) Pyrene-d10	19.69	212	664695	23.84	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.46	264	713201	22.00	ng/ul	0.00
Target Compounds				Qvalue		
14) Phenanthrene	17.36	178	298223	9.803	ng/ul	100
17) Fluoranthene	19.36	202	505232	14.895	ng/ul	98
20) Pyrene	19.72	202	484233	13.619	ng/ul	98
21) Benzo(a)anthracene	21.54	228	214099	6.075	ng/ul	98
22) Chrysene	21.60	228	256067	7.516	ng/ul	98
24) Benzo(b)fluoranthene	23.69	252	339691	8.647	ng/ul	99
25) Benzo(k)fluoranthene	23.69	252	339691	8.717	ng/ul	99
27) Benzo(a)pyrene	24.52	252	214093	5.936	ng/ul	98
28) Indeno(1,2,3-cd)pyrene	28.18	276	157904	3.497	ng/ul	97
29) Dibenzo(a,h)anthracene	28.24	278	37339	1.020	ng/ul	94
30) Benzo(g,h,i)perylene	29.28	276	134417	3.557	ng/ul	97

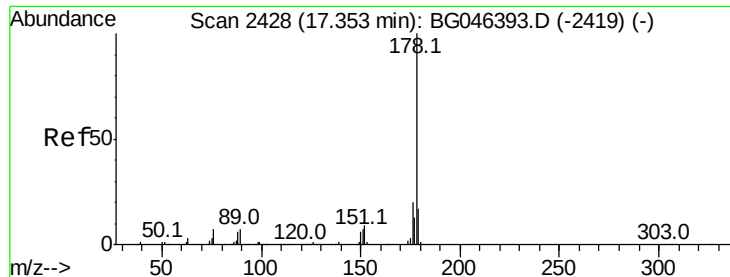
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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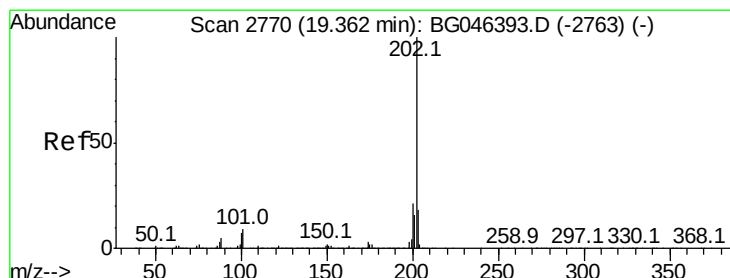
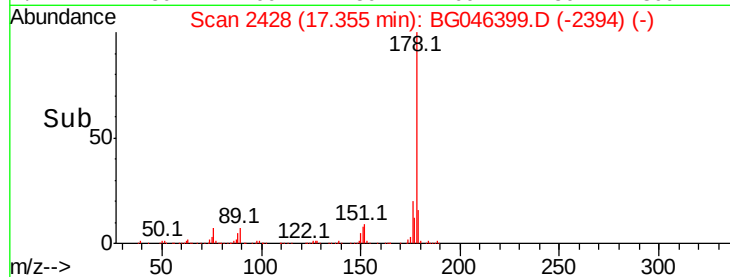
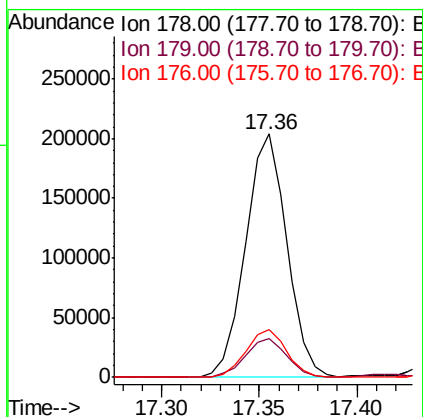
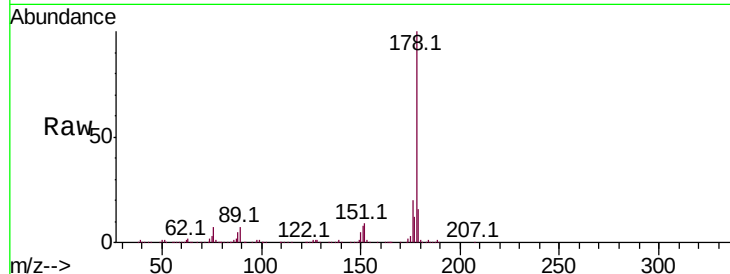




#14
Phenanthrene
Concen: 9.803 ng/ul
RT: 17.36 min Scan# 2428
Delta R.T. 0.00 min
Lab File: BG046399.D
Acq: 21 Aug 2020 5:20

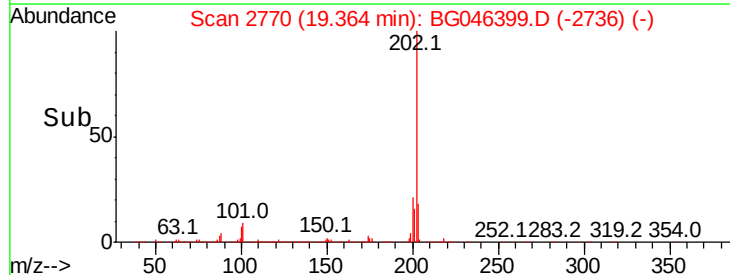
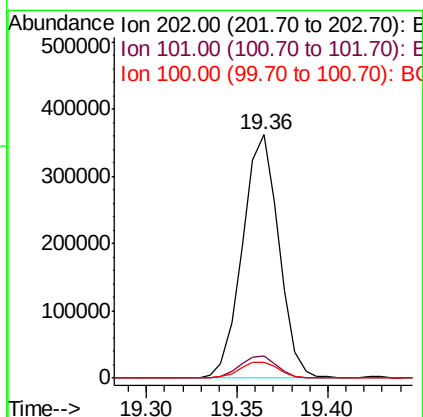
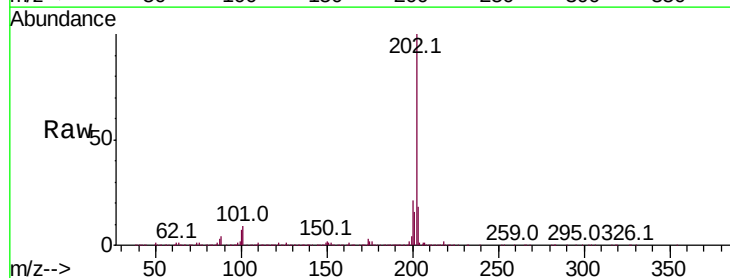
Instrument :
BNA_G
ClientSampleId :
BFMJ1

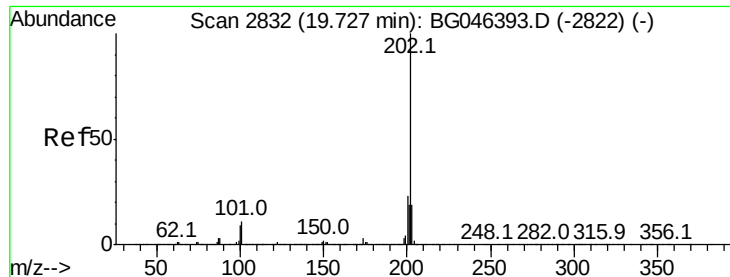
Tot Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.8	19.2
176	19.9	15.8	23.8



#17
Fluoranthene
Concen: 14.895 ng/ul
RT: 19.36 min Scan# 2770
Delta R.T. 0.00 min
Lab File: BG046399.D
Acq: 21 Aug 2020 5:20

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.2	7.8	11.6
100	6.7	5.9	8.9

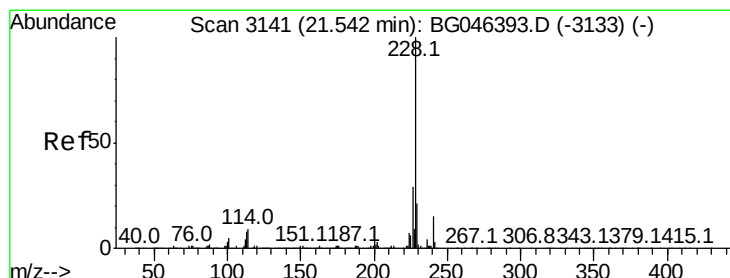
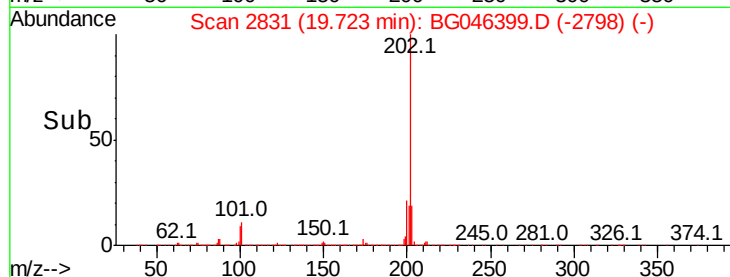
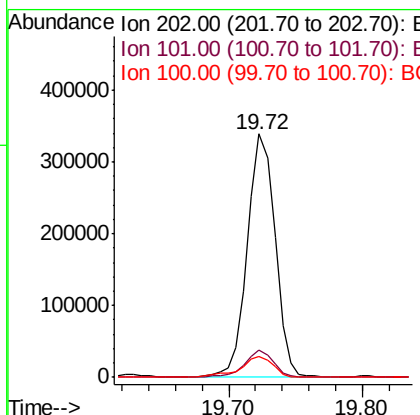
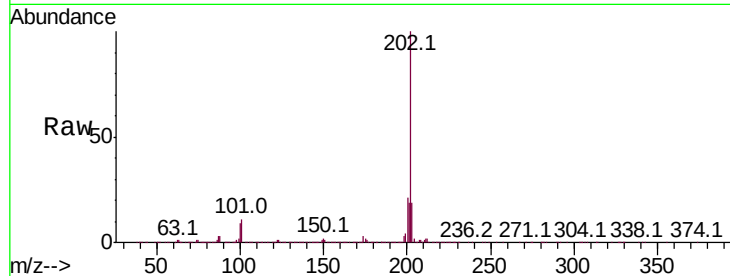




#20
 Pvrene
 Concen: 13.619 ng/ul
 RT: 19.72 min Scan# 2831
 Delta R.T. -0.00 min
 Lab File: BG046399.D
 Acq: 21 Aug 2020 5:20

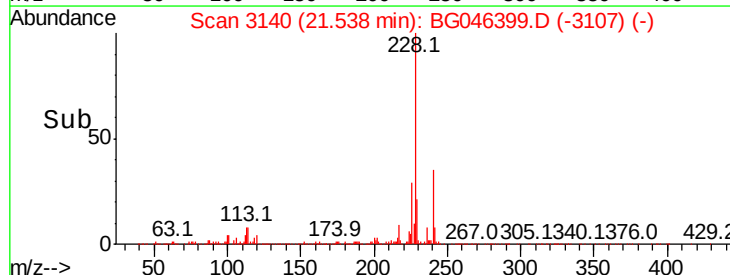
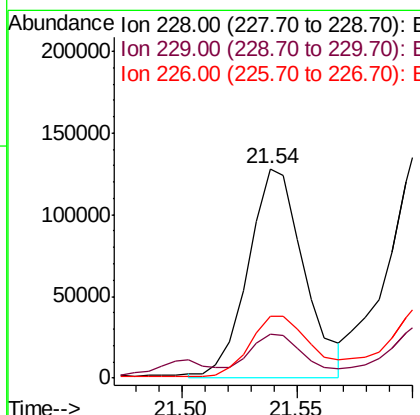
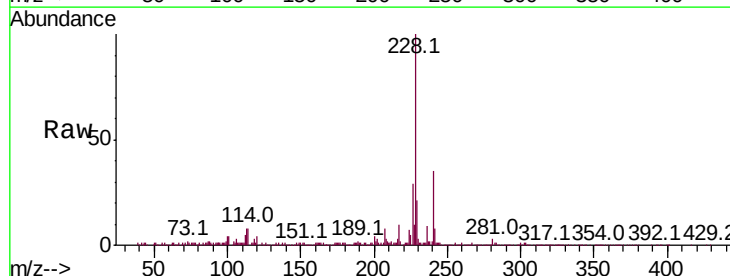
Instrument :
 BNA_G
 ClientSampleId :
 BFMJ1

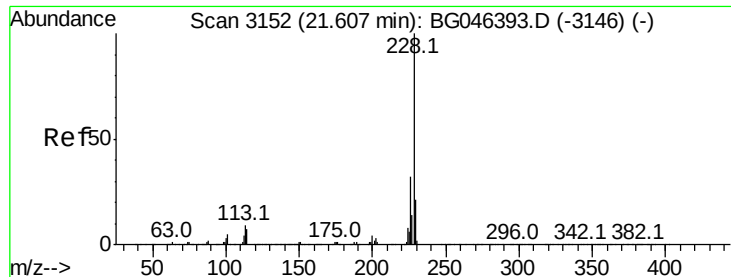
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.1	8.9	13.3
100	8.5	7.9	11.9



#21
 Benzo(a)anthracene
 Concen: 6.075 ng/ul
 RT: 21.54 min Scan# 3140
 Delta R.T. -0.00 min
 Lab File: BG046399.D
 Acq: 21 Aug 2020 5:20

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.3	16.6	25.0
226	29.5	22.6	33.8





#22

Chrysene

Concen: 7.516 ng/ul

RT: 21.60 min Scan# 3151

Delta R.T. -0.00 min

Lab File: BG046399.D

Acq: 21 Aug 2020 5:20

Instrument :

BNA_G

ClientSampleId :

BFMJ1

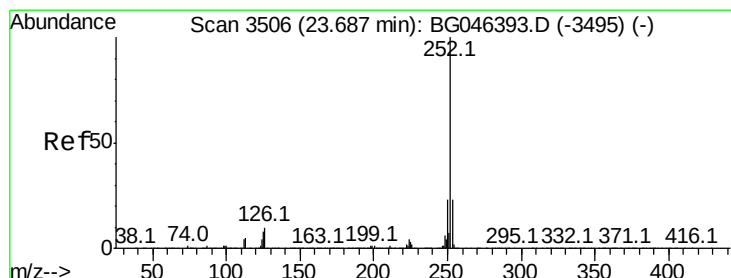
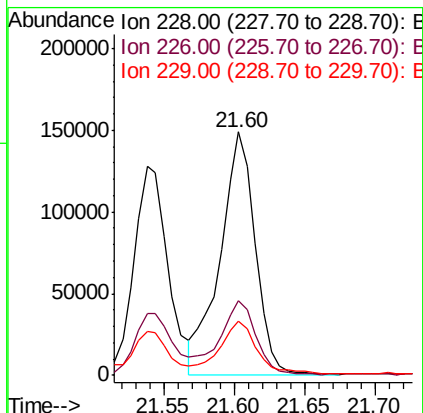
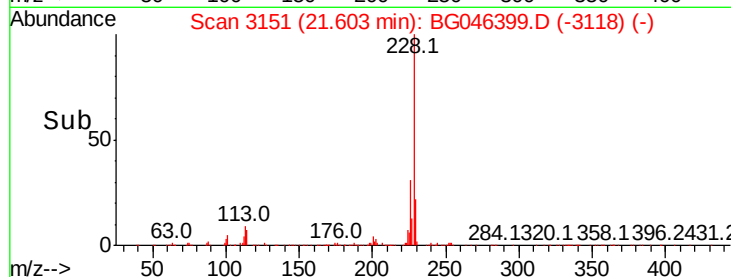
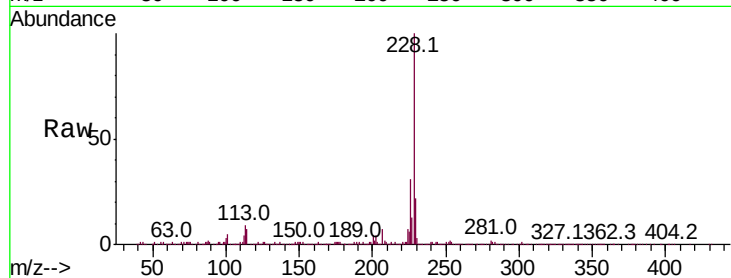
Tot Ion:228 Resp: 256067

Ion Ratio Lower Upper

228 100

226 30.9 25.5 38.3

229 22.1 17.0 25.4



#24

Benzo(b)fluoranthene

Concen: 8.647 ng/ul

RT: 23.69 min Scan# 3506

Delta R.T. 0.00 min

Lab File: BG046399.D

Acq: 21 Aug 2020 5:20

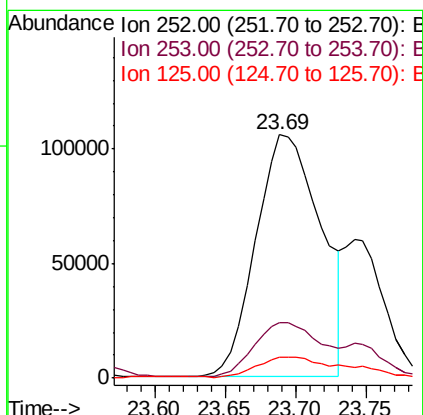
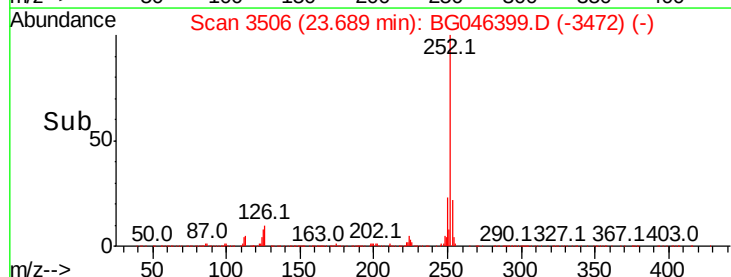
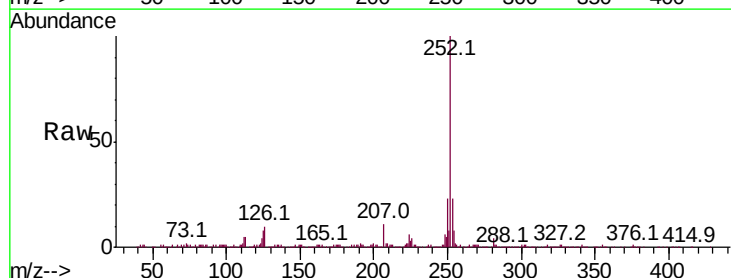
Tgt Ion:252 Resp: 339691

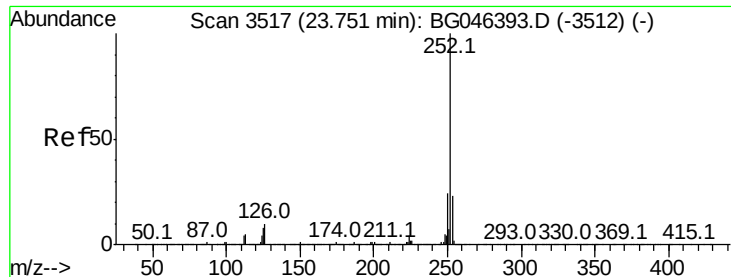
Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.6

125 8.4 6.4 9.6





#25

Benzo(k)fluoranthene

Concen: 8.717 ng/ul

RT: 23.69 min Scan# 3506

Delta R.T. -0.06 min

Lab File: BG046399.D

Acq: 21 Aug 2020 5:20

Instrument :

BNA_G

ClientSampleId :

BFMJ1

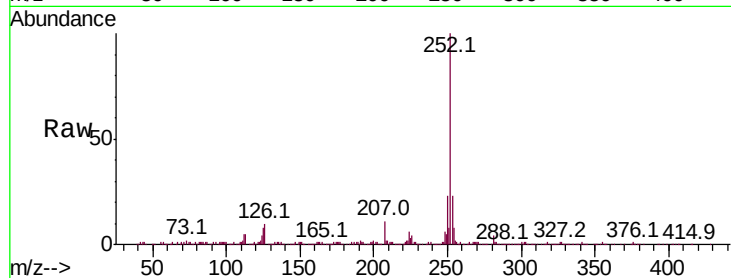
Tot Ion:252 Resp: 339691

Ion Ratio Lower Upper

252 100

253 22.6 18.5 27.7

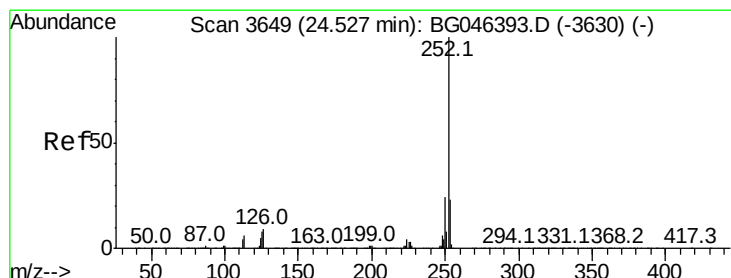
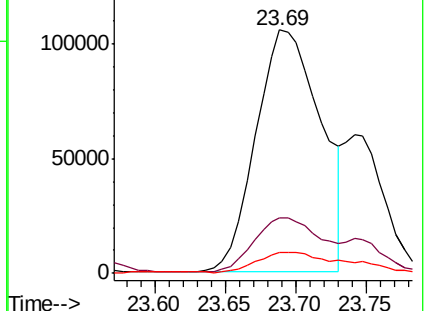
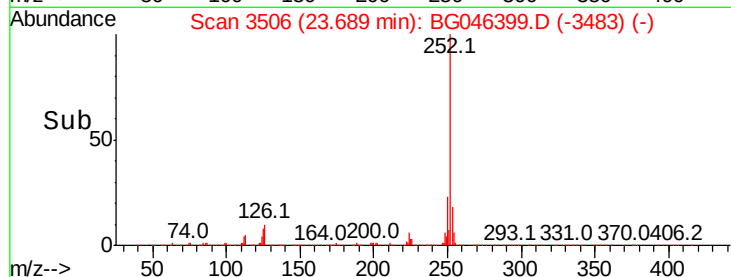
125 8.4 6.2 9.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#27

Benzo(a)pyrene

Concen: 5.936 ng/ul

RT: 24.52 min Scan# 3648

Delta R.T. -0.00 min

Lab File: BG046399.D

Acq: 21 Aug 2020 5:20

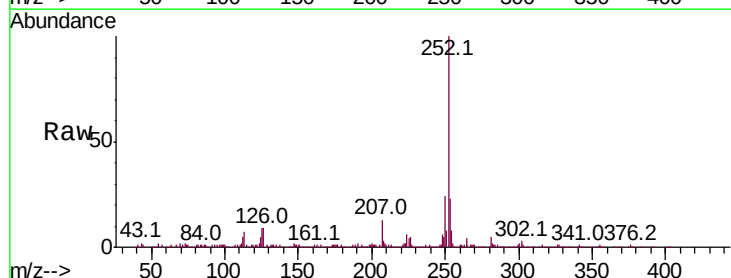
Tgt Ion:252 Resp: 214093

Ion Ratio Lower Upper

252 100

253 23.1 17.8 26.8

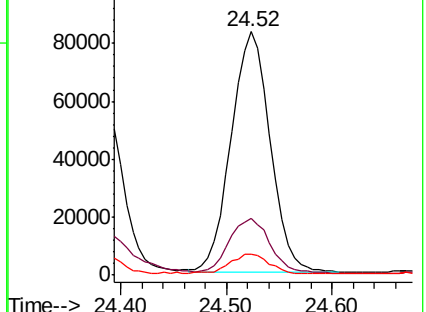
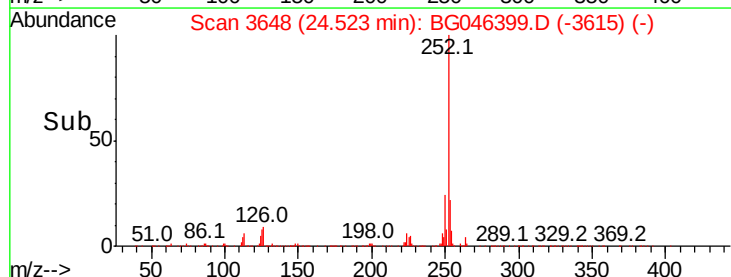
125 8.5 7.1 10.7

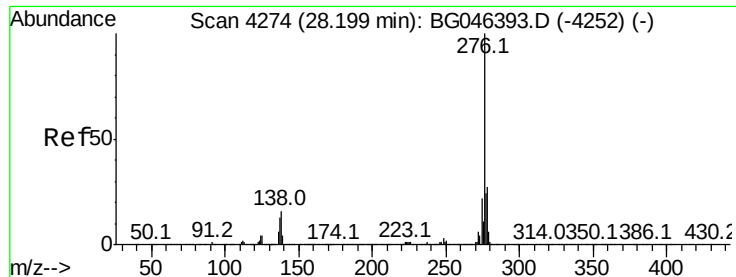


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

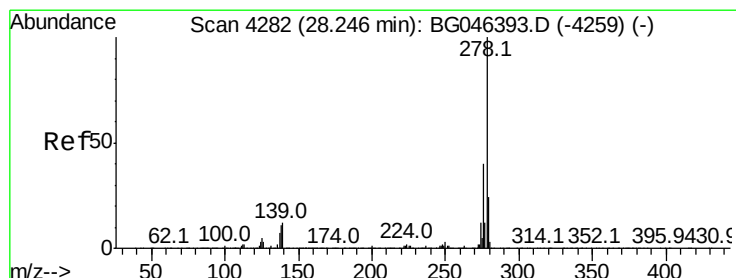
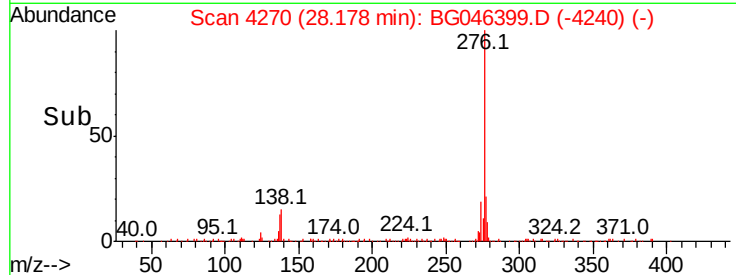
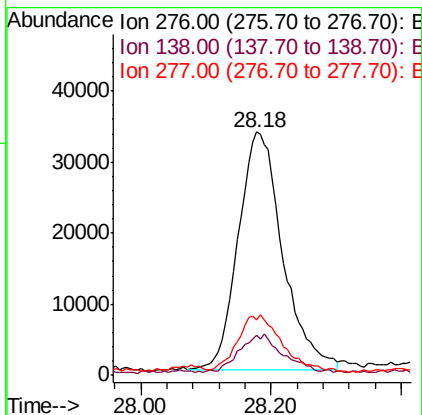
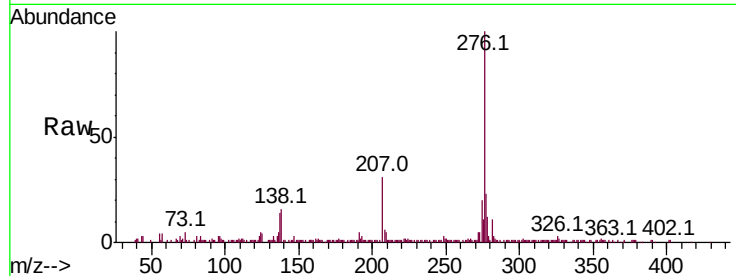




#28
 Indeno(1,2,3-cd)pyrene
 Concen: 3.497 ng/ul
 RT: 28.18 min Scan# 4270
 Delta R.T. -0.02 min
 Lab File: BG046399.D
 Acq: 21 Aug 2020 5:20

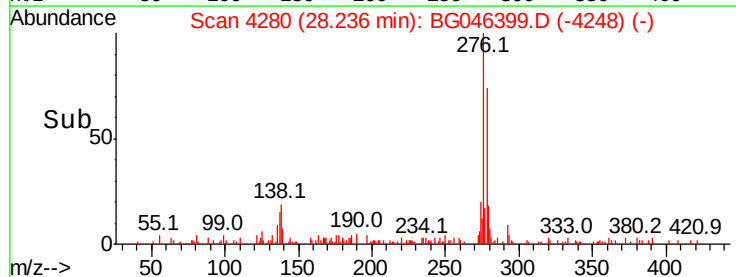
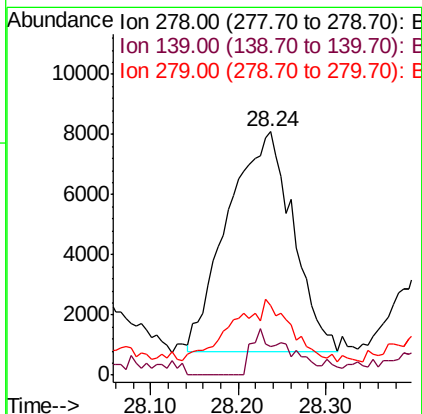
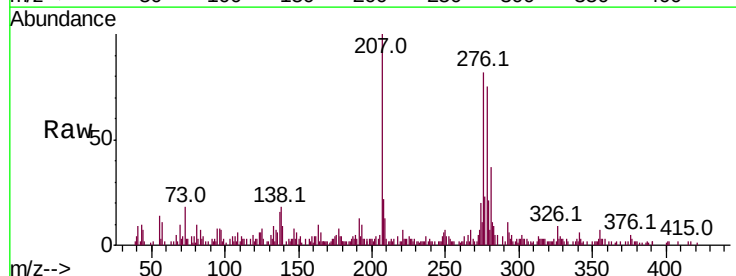
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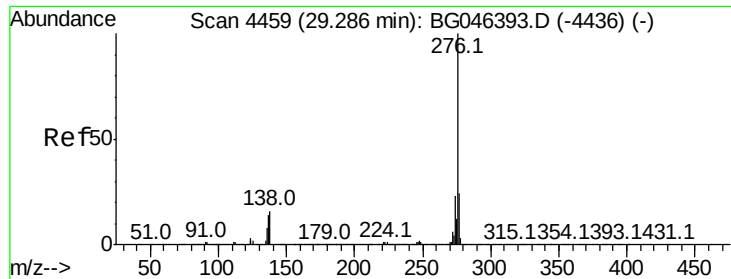
Tot Ion	Ratio	Lower	Upper
276	100		
138	16.2	13.2	19.8
277	22.6	19.9	29.9



#29
 Dibenzo(a,h)anthracene
 Concen: 1.020 ng/ul
 RT: 28.24 min Scan# 4280
 Delta R.T. -0.01 min
 Lab File: BG046399.D
 Acq: 21 Aug 2020 5:20

Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.5	9.8	14.8
279	28.4	19.7	29.5





#30

Benzo(a,h,i)perylene

Concen: 3.557 ng/ul

RT: 29.28 min Scan# 4457

Delta R.T. -0.01 min

Lab File: BG046399.D

Acq: 21 Aug 2020 5:20

Instrument :

BNA_G

ClientSampleId :

BFMJ1

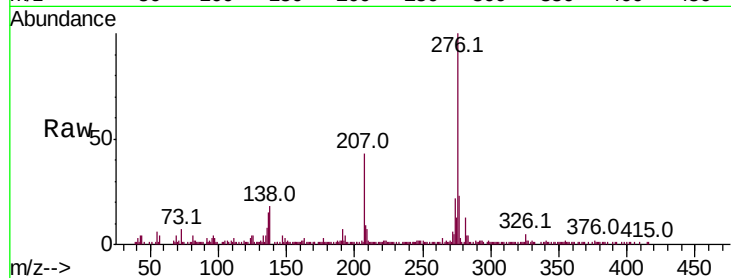
Tot Ion: 276 Resp: 134417

Ion Ratio Lower Upper

276 100

138 17.7 12.9 19.3

277 22.7 19.4 29.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

