

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
 Data File : BG046298.D
 Acq On : 17 Aug 2020 15:11
 Operator : CG/JU
 Sample : L3632-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFM85

Quant Time: Aug 17 16:03:21 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

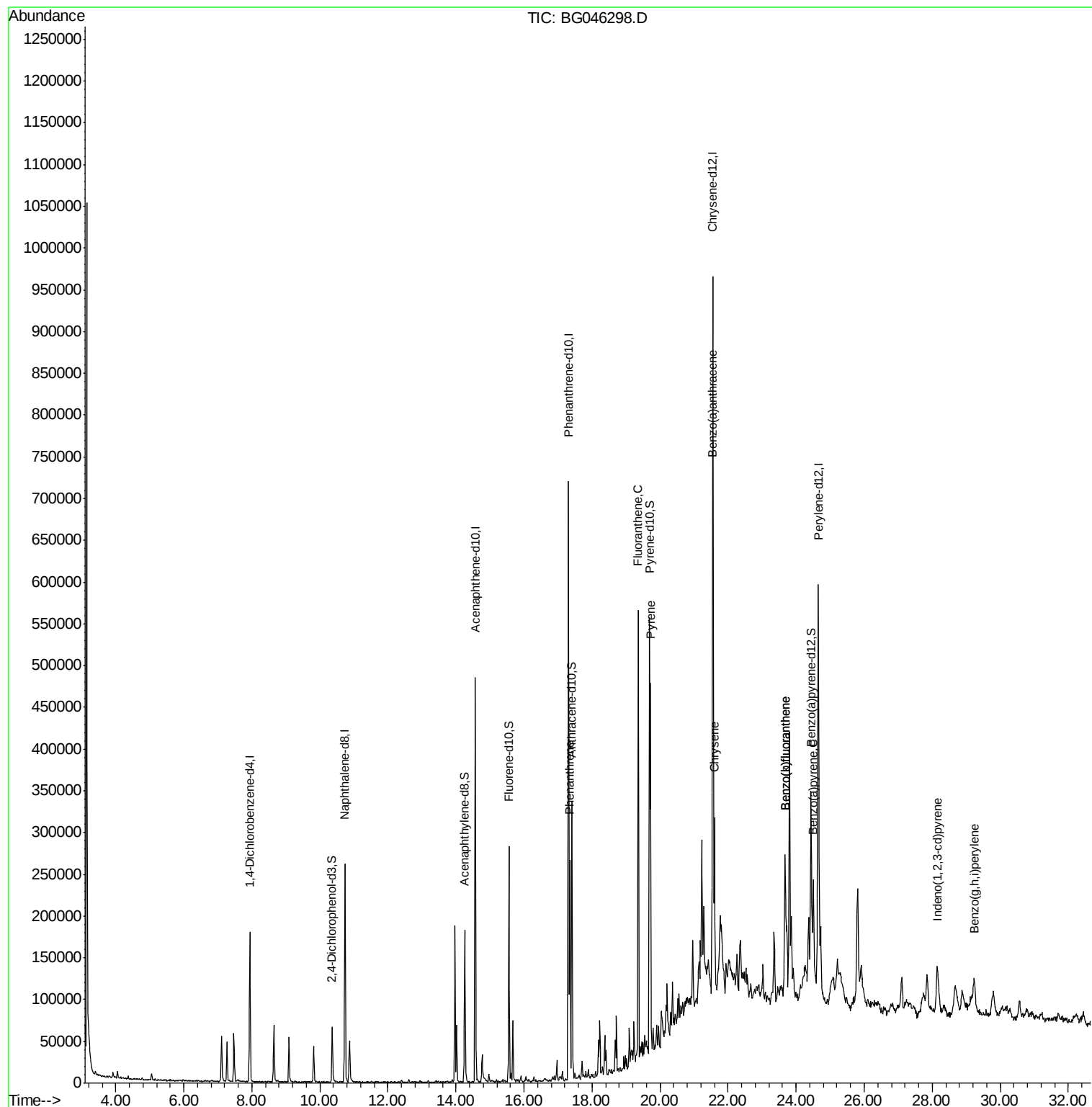
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	57432	20.00	ng/ul	-0.01
2) Naphthalene-d8	10.74	136	235605	20.00	ng/ul	-0.01
6) Acenaphthene-d10	14.57	164	173537	20.00	ng/ul	-0.01
12) Phenanthrene-d10	17.31	188	458295	20.00	ng/ul	0.00
18) Chrysene-d12	21.55	240	494886	20.00	ng/ul	-0.01
23) Perylene-d12	24.65	264	519045	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	32766	8.08	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	145872	9.13	ng/ul	0.00
10) Fluorene-d10	15.56	176	121125	9.90	ng/ul	0.00
15) Anthracene-d10	17.40	188	198728	9.35	ng/ul	-0.01
19) Pyrene-d10	19.69	212	242275	9.51	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.44	264	245390	8.66	ng/ul	-0.02
Target Compounds				Qvalue		
14) Phenanthrene	17.35	178	172058	6.824	ng/ul	98
17) Fluoranthene	19.36	202	338659	12.046	ng/ul	96
20) Pyrene	19.72	202	280940	8.648	ng/ul	97
21) Benzo(a)anthracene	21.53	228	132034	4.101	ng/ul	95
22) Chrysene	21.60	228	165700	5.323	ng/ul	97
24) Benzo(b)fluoranthene	23.67	252	224305	6.535	ng/ul#	97
25) Benzo(k)fluoranthene	23.67	252	224305	6.588	ng/ul#	98
27) Benzo(a)pyrene	24.50	252	124823	3.961	ng/ul	98
28) Indeno(1,2,3-cd)pyrene	28.14	276	100091	2.537	ng/ul	97
30) Benzo(g,h,i)perylene	29.24	276	73983	2.240	ng/ul	97

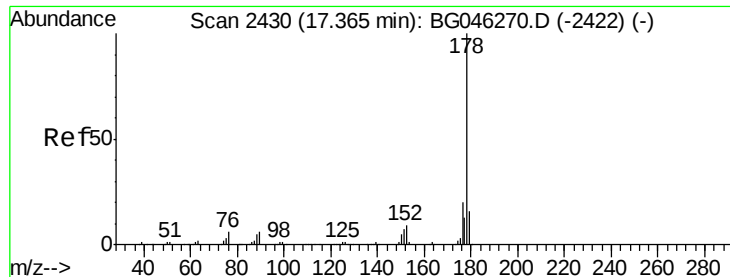
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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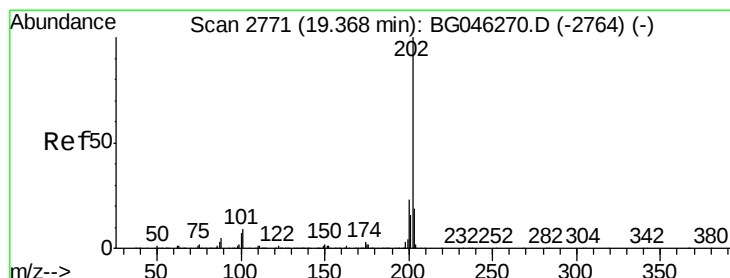
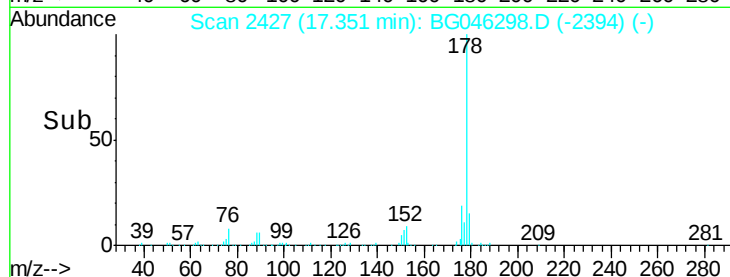
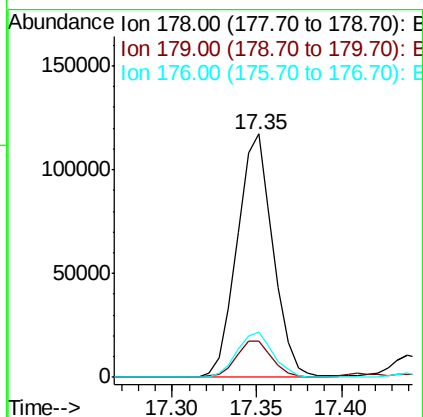
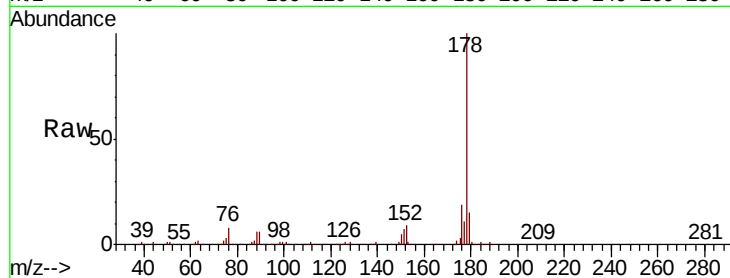




#14
Phenanthrene
Concen: 6.824 ng/ul
RT: 17.35 min Scan# 2427
Delta R.T. -0.00 min
Lab File: BG046298.D
Acq: 17 Aug 2020 15:11

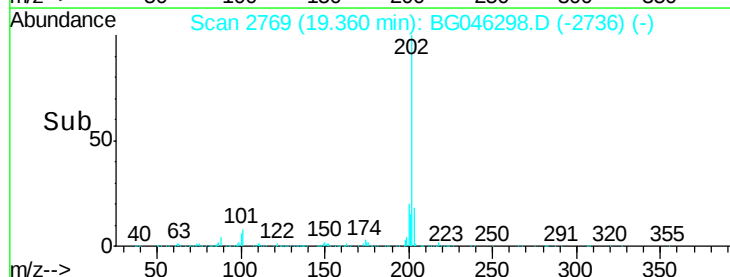
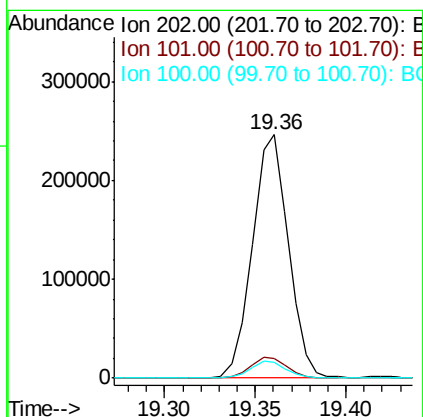
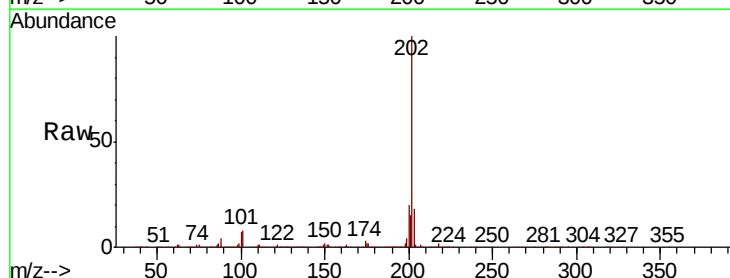
Instrument :
BNA_G
ClientSampleId :
BFM85

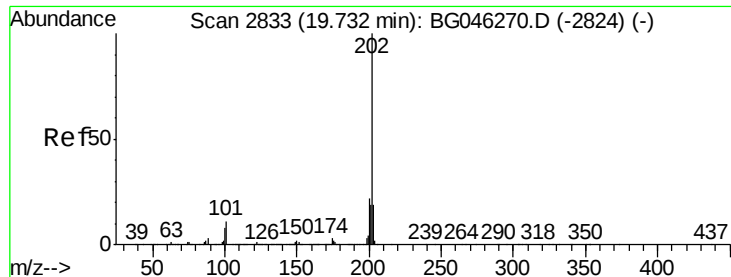
Tot Ion:178 Resp: 172058
Ion Ratio Lower Upper
178 100
179 15.0 12.8 19.2
176 18.8 15.8 23.8



#17
Fluoranthene
Concen: 12.046 ng/ul
RT: 19.36 min Scan# 2769
Delta R.T. -0.00 min
Lab File: BG046298.D
Acq: 17 Aug 2020 15:11

Tgt Ion:202 Resp: 338659
Ion Ratio Lower Upper
202 100
101 8.1 7.8 11.6
100 6.5 5.9 8.9

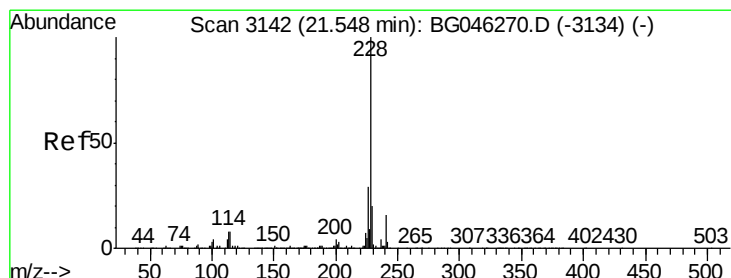
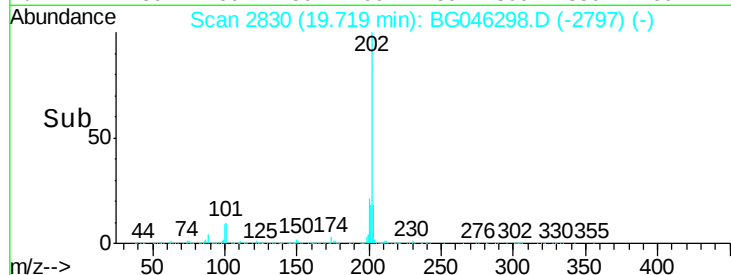
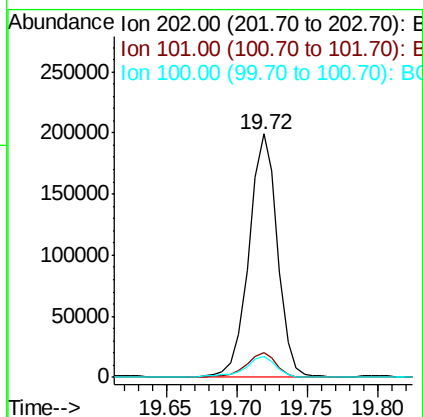
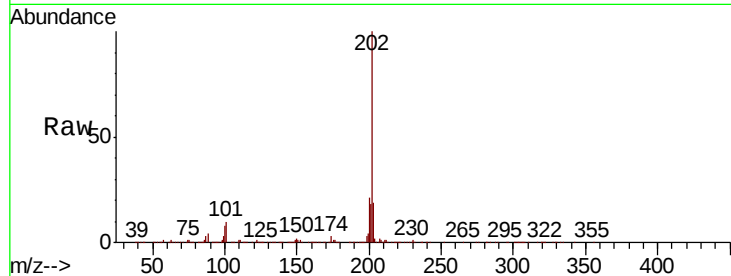




#20
Pvrene
Concen: 8.648 ng/ul
RT: 19.72 min Scan# 2830
Delta R.T. -0.00 min
Lab File: BG046298.D
Acq: 17 Aug 2020 15:11

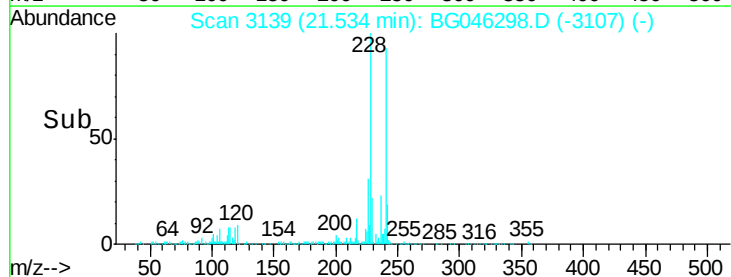
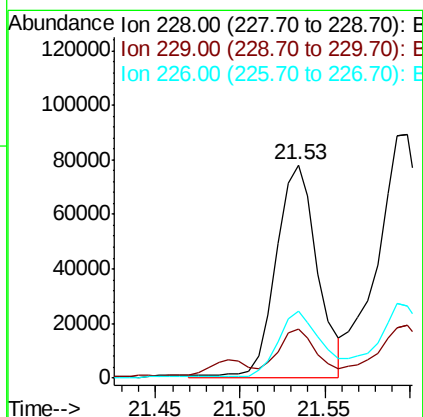
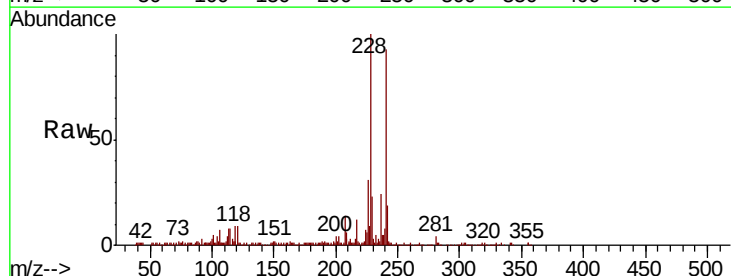
Instrument :
BNA_G
ClientSampleID :
BFM85

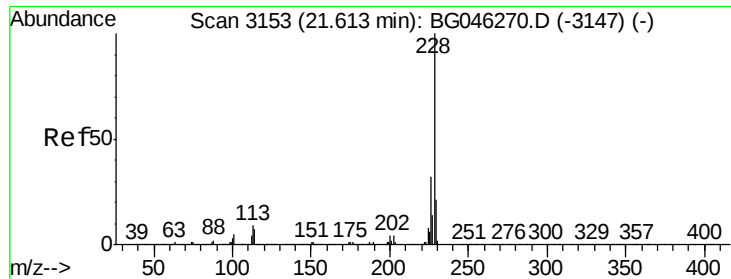
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.1	8.9	13.3
100	8.5	7.9	11.9



#21
Benzo(a)anthracene
Concen: 4.101 ng/ul
RT: 21.53 min Scan# 3139
Delta R.T. -0.01 min
Lab File: BG046298.D
Acq: 17 Aug 2020 15:11

Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.9	16.6	25.0
226	31.3	22.6	33.8





#22

Chrysene

Concen: 5.323 ng/ul

RT: 21.60 min Scan# 3150

Delta R.T. -0.00 min

Lab File: BG046298.D

Acq: 17 Aug 2020 15:11

Instrument :

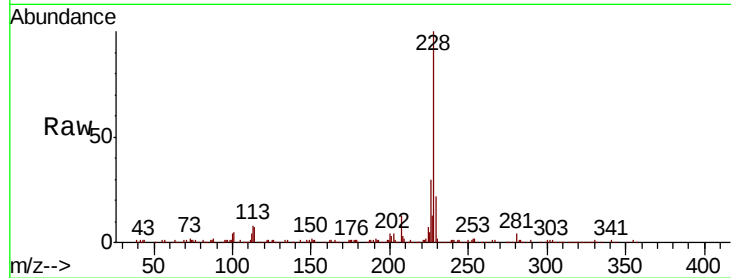
BNA_G

ClientSampleId :

BFM85

Tot Ion:228 Resp: 165700

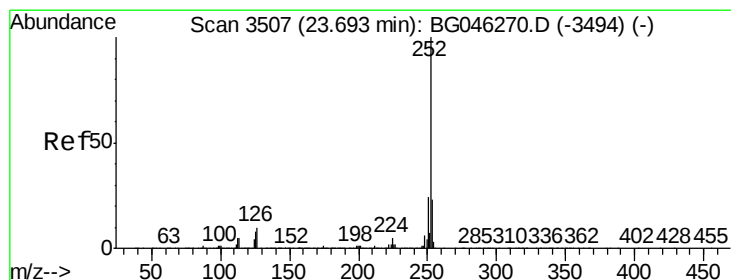
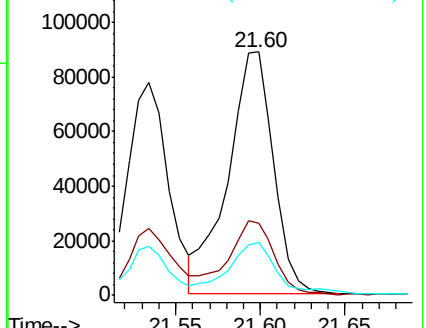
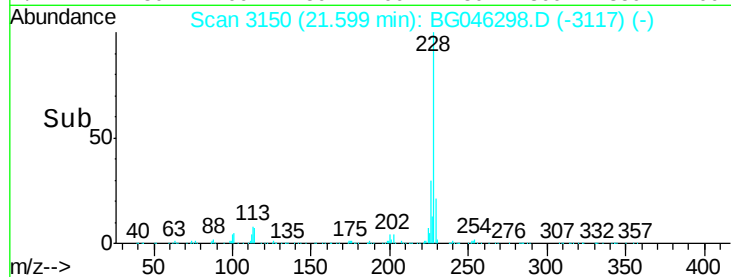
Ion	Ratio	Lower	Upper
228	100		
226	29.7	25.5	38.3
229	21.9	17.0	25.4



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: 6.535 ng/ul

RT: 23.67 min Scan# 3503

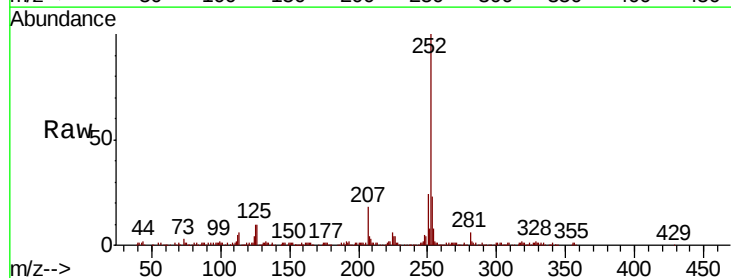
Delta R.T. -0.01 min

Lab File: BG046298.D

Acq: 17 Aug 2020 15:11

Tgt Ion:252 Resp: 224305

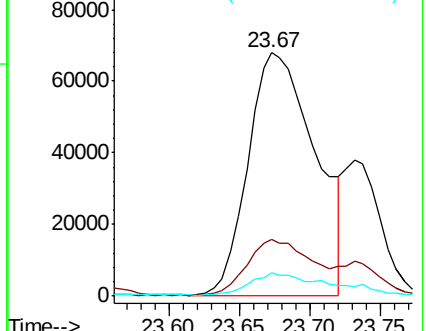
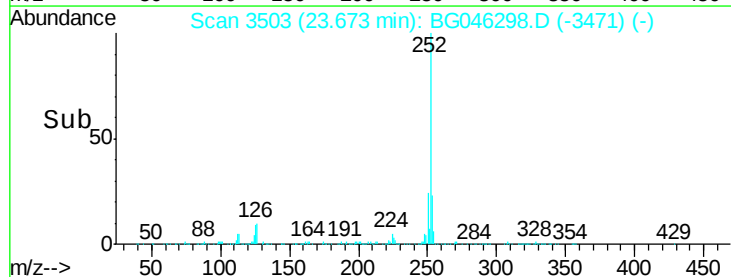
Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.8	26.6
125	9.7	6.4	9.6#

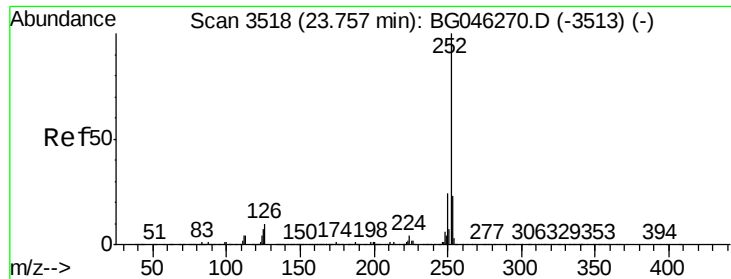


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#25

Benzo(k)fluoranthene

Concen: 6.588 ng/ul

RT: 23.67 min Scan# 3503

Delta R.T. -0.08 min

Lab File: BG046298.D

Acq: 17 Aug 2020 15:11

Instrument :

BNA_G

ClientSampleId :

BFM85

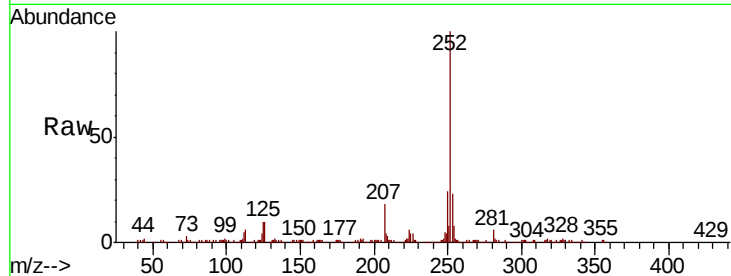
Tot Ion:252 Resp: 224305

Ion Ratio Lower Upper

252 100

253 23.5 18.5 27.7

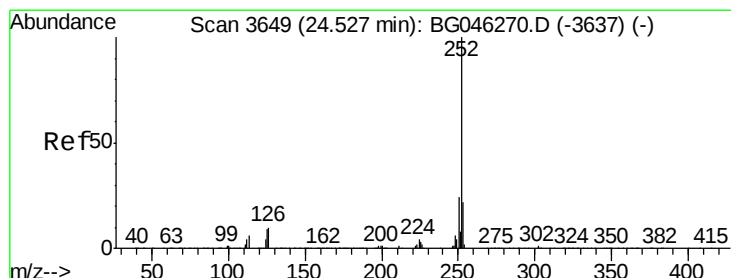
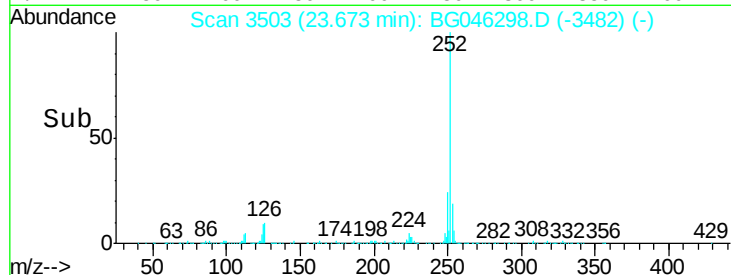
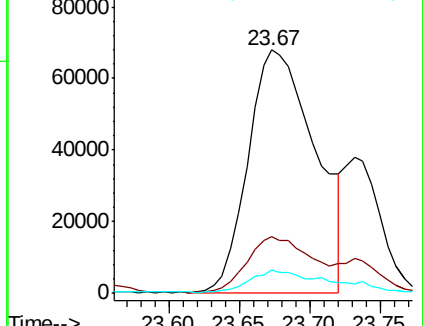
125 9.7 6.2 9.2#



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: 3.961 ng/ul

RT: 24.50 min Scan# 3644

Delta R.T. -0.02 min

Lab File: BG046298.D

Acq: 17 Aug 2020 15:11

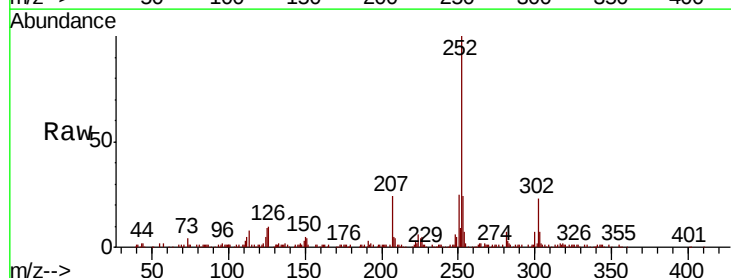
Tgt Ion:252 Resp: 124823

Ion Ratio Lower Upper

252 100

253 23.6 17.8 26.8

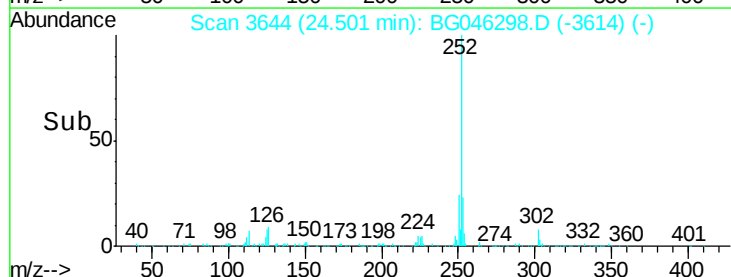
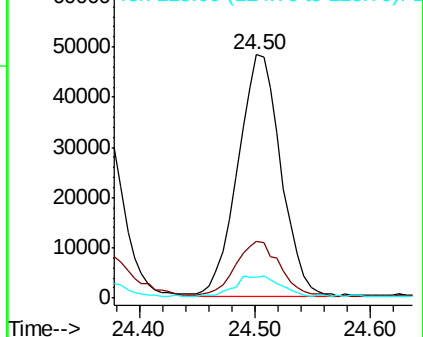
125 8.8 7.1 10.7

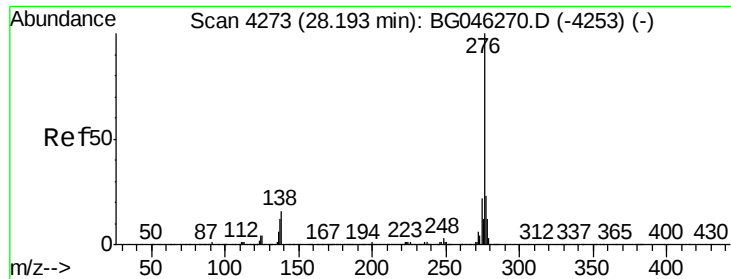


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



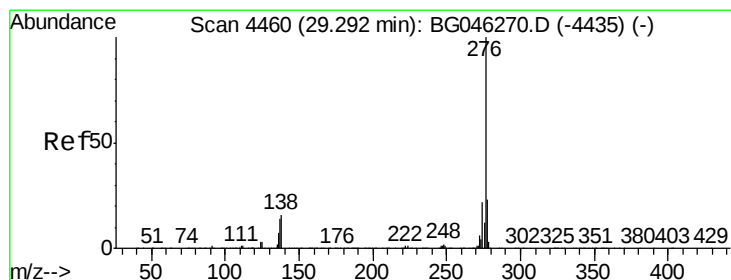
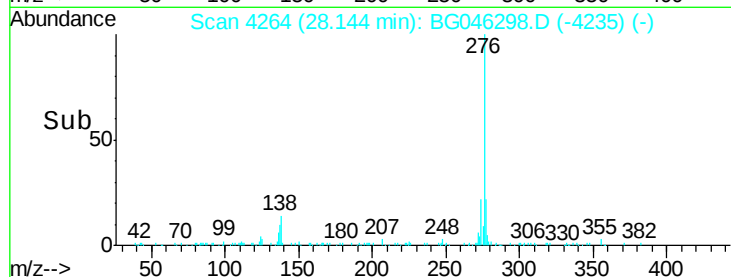
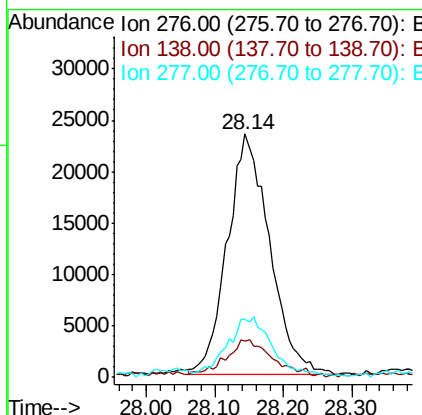
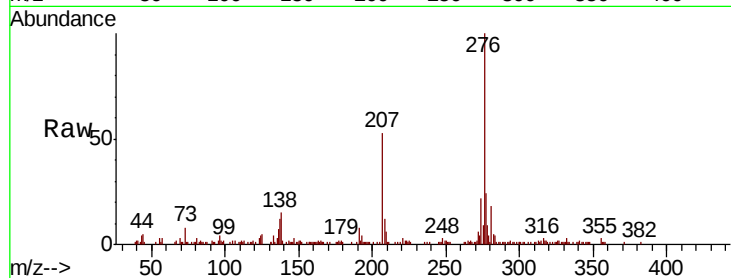


#28

Indeno(1,2,3-cd)pyrene
Concen: 2.537 ng/ul
RT: 28.14 min Scan# 4264
Delta R.T. -0.03 min
Lab File: BG046298.D
Acq: 17 Aug 2020 15:11

Instrument :
BNA_G
ClientSampleId :
BFM85

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.0	13.2	19.8
277	23.8	19.9	29.9



#30

Benzo(g,h,i)perylene
Concen: 2.240 ng/ul
RT: 29.24 min Scan# 4451
Delta R.T. -0.02 min
Lab File: BG046298.D
Acq: 17 Aug 2020 15:11

Tgt Ion	Ratio	Lower	Upper
276	100		
138	13.8	12.9	19.3
277	23.9	19.4	29.0

