

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
 Data File : BG046396.D
 Acq On : 21 Aug 2020 3:19
 Operator : CG/JU
 Sample : L3635-04
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 21 04:45:19 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

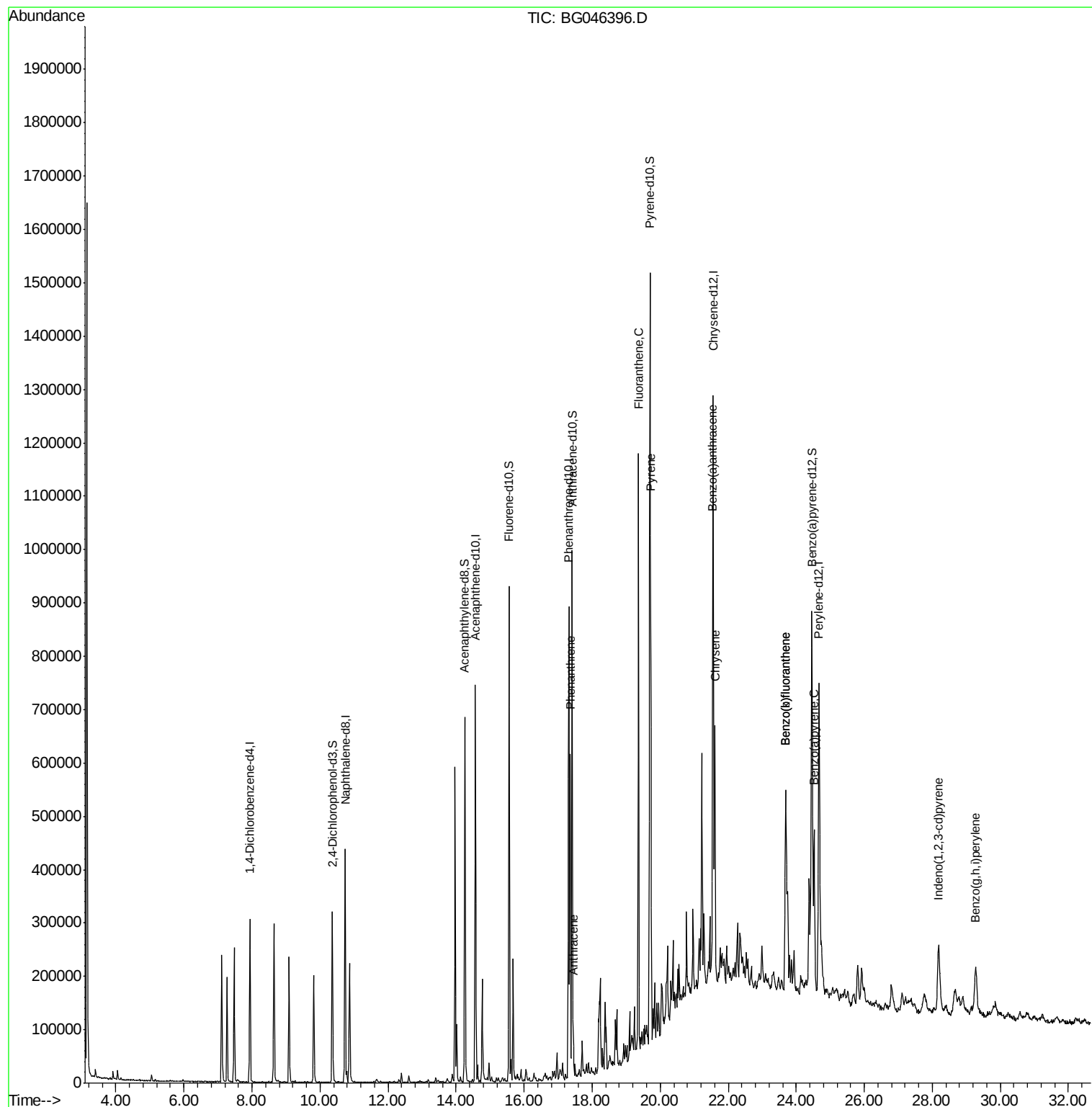
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	95125	20.00	ng/ul	0.00
2) Naphthalene-d8	10.74	136	388364	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	258050	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	571924	20.00	ng/ul	0.00
18) Chrysene-d12	21.56	240	572407	20.00	ng/ul	0.00
23) Perylene-d12	24.67	264	636785	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	141988	21.23	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	526153	22.16	ng/ul	0.00
10) Fluorene-d10	15.56	176	408938	22.47	ng/ul	0.00
15) Anthracene-d10	17.41	188	604492	22.80	ng/ul	0.00
19) Pyrene-d10	19.70	212	708854	24.06	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.46	264	783533	22.55	ng/ul	0.00
Target Compounds				Qvalue		
14) Phenanthrene	17.35	178	398209	12.656	ng/ul	100
16) Anthracene	17.44	178	67125	2.114	ng/ul	99
17) Fluoranthene	19.36	202	682580	19.456	ng/ul	98
20) Pyrene	19.73	202	611592	16.277	ng/ul	97
21) Benzo(a)anthracene	21.54	228	338509	9.089	ng/ul	99
22) Chrysene	21.61	228	357716	9.936	ng/ul	98
24) Benzo(b)fluoranthene	23.69	252	482016	11.447	ng/ul	100
25) Benzo(k)fluoranthene	23.69	252	482016	11.539	ng/ul	99
27) Benzo(a)pyrene	24.53	252	323910	8.379	ng/ul	98
28) Indeno(1,2,3-cd)pyrene	28.19	276	220032	4.546	ng/ul	97
30) Benzo(g,h,i)perylene	29.27	276	109017	2.691	ng/ul	98

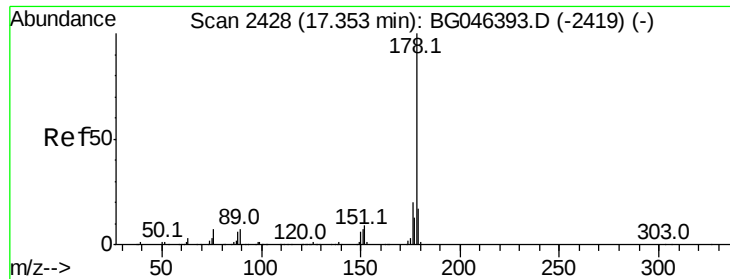
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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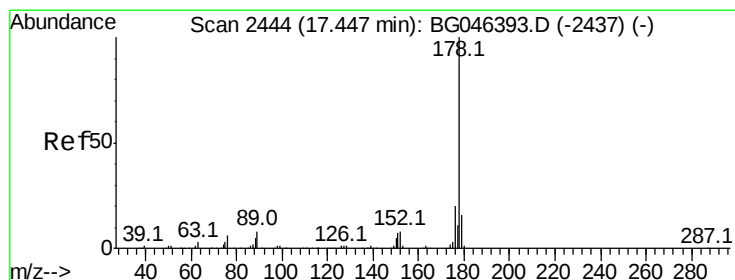
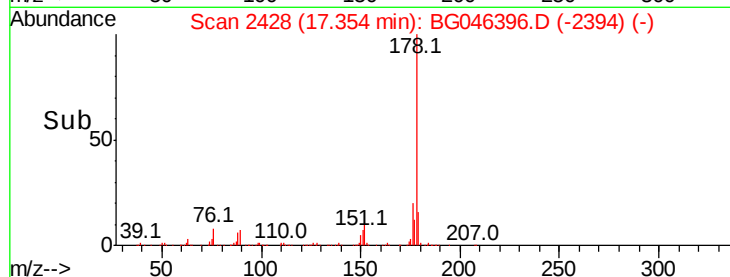
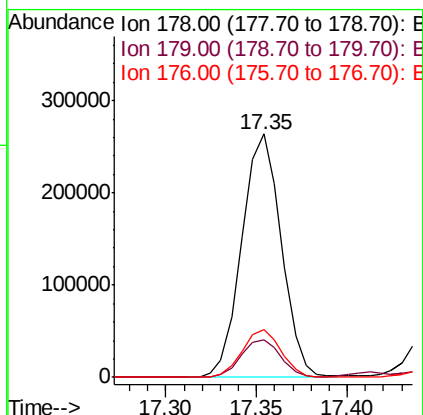
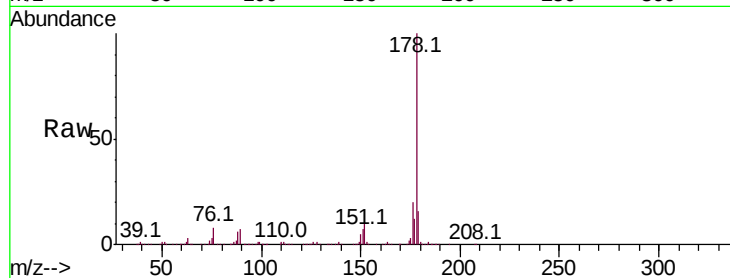




#14
Phenanthrene
Concen: 12.656 ng/ul
RT: 17.35 min Scan# 2428
Delta R.T. 0.00 min
Lab File: BG046396.D
Acq: 21 Aug 2020 3:19

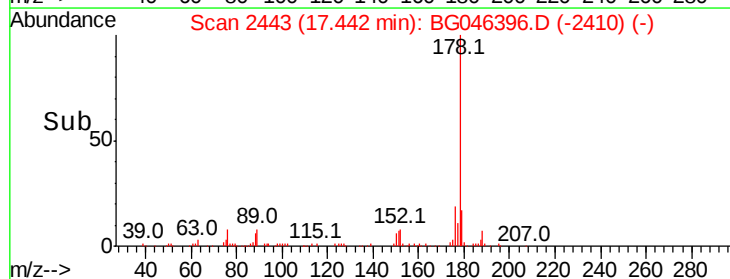
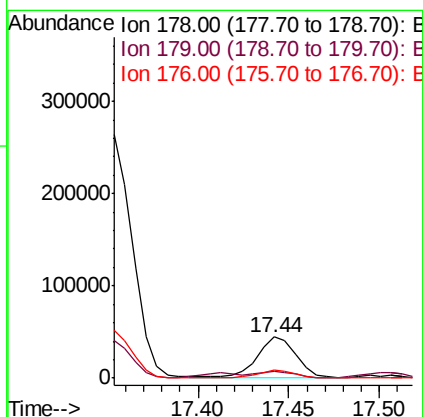
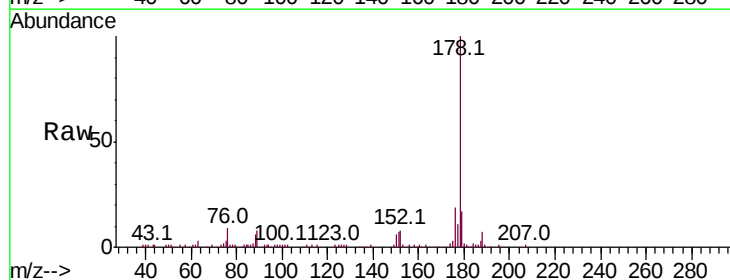
Instrument :
BNA_G
ClientSampleId :

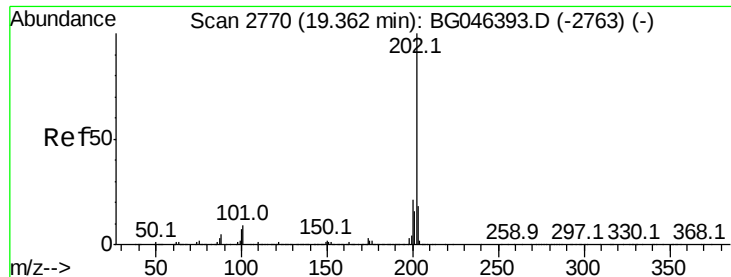
Tot Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.8	19.2
176	19.8	15.8	23.8



#16
Anthracene
Concen: 2.114 ng/ul
RT: 17.44 min Scan# 2443
Delta R.T. -0.01 min
Lab File: BG046396.D
Acq: 21 Aug 2020 3:19

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.8	13.2	19.8
176	19.2	15.2	22.8

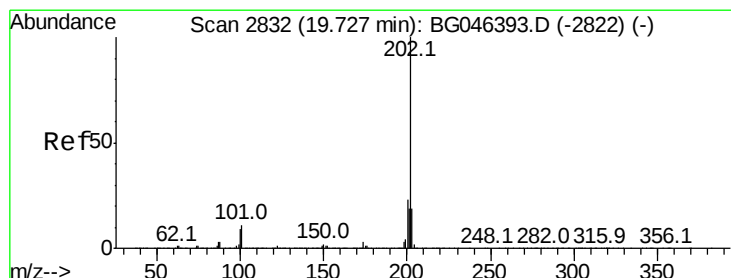
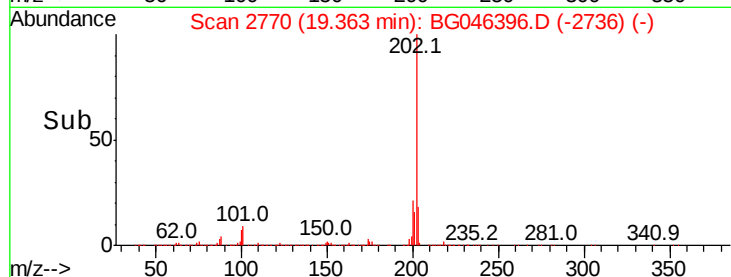
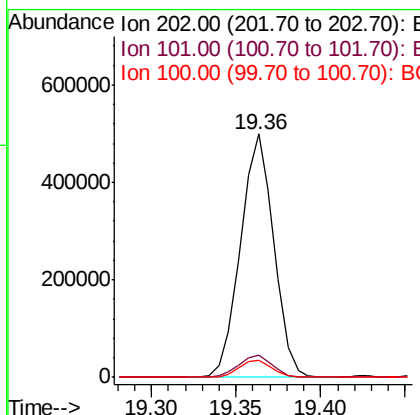
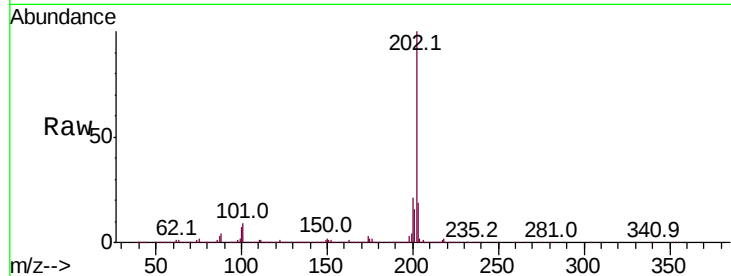




#17
Fluoranthene
 Concen: 19.456 ng/ul
 RT: 19.36 min Scan# 2770
 Delta R.T. 0.00 min
 Lab File: BG046396.D
 Acq: 21 Aug 2020 3:19

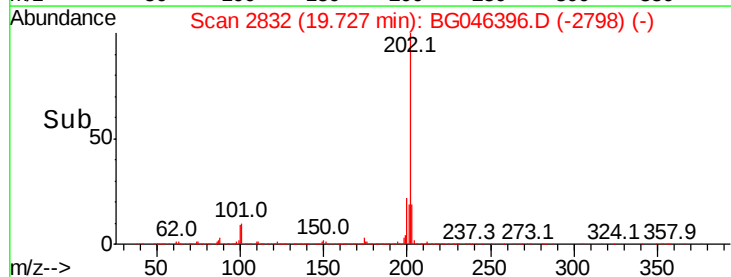
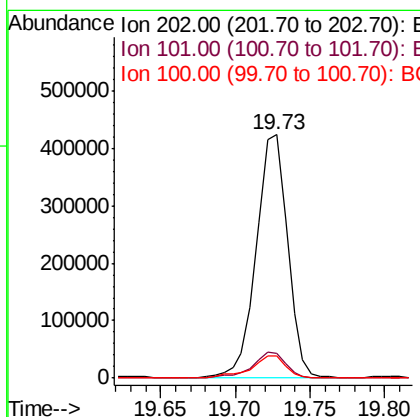
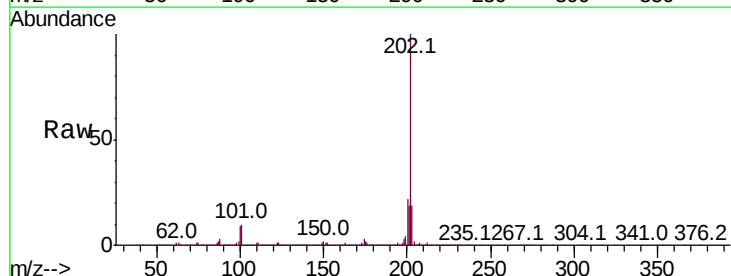
Instrument :
 BNA_G
 ClientSampleId :

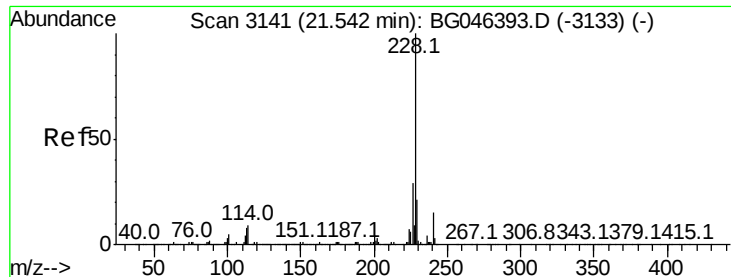
Tot Ion	Ratio	Lower	Upper
202	100		
101	8.9	7.8	11.6
100	6.9	5.9	8.9



#20
Pyrene
 Concen: 16.277 ng/ul
 RT: 19.73 min Scan# 2832
 Delta R.T. 0.00 min
 Lab File: BG046396.D
 Acq: 21 Aug 2020 3:19

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.2	8.9	13.3
100	8.9	7.9	11.9

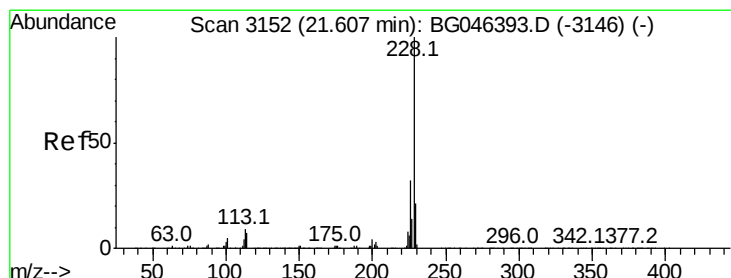
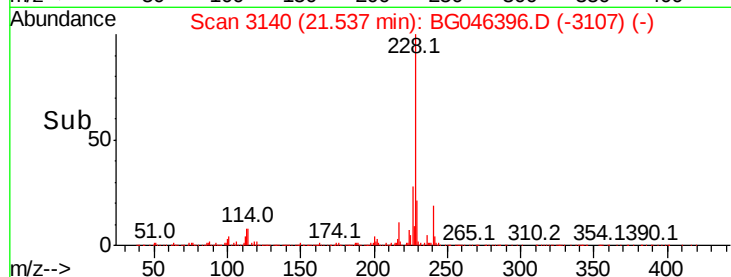
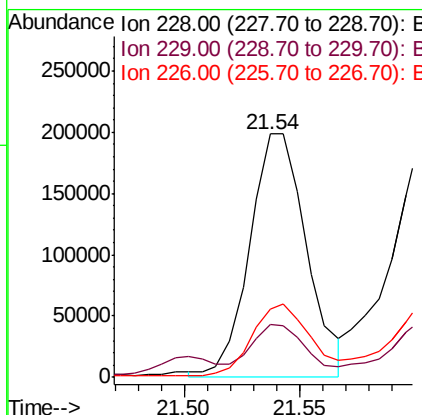
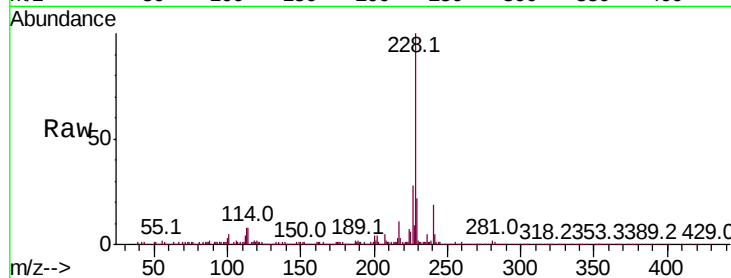




#21
Benzo(a)anthracene
Concen: 9.089 ng/ul
RT: 21.54 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BG046396.D
Acq: 21 Aug 2020 3:19

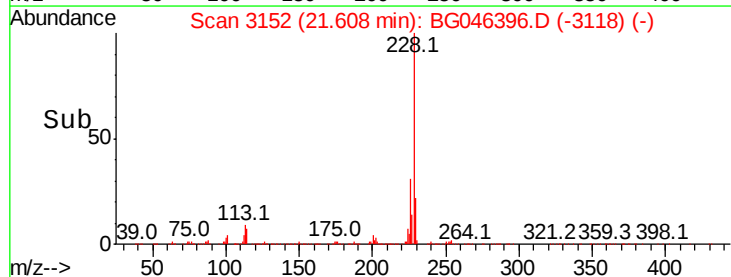
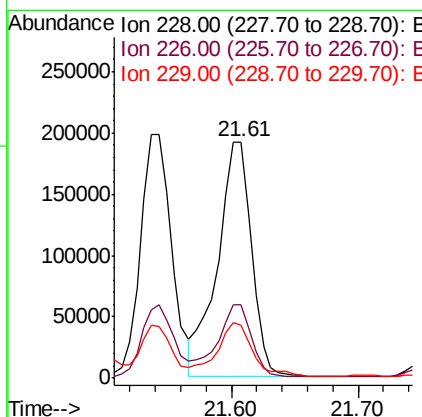
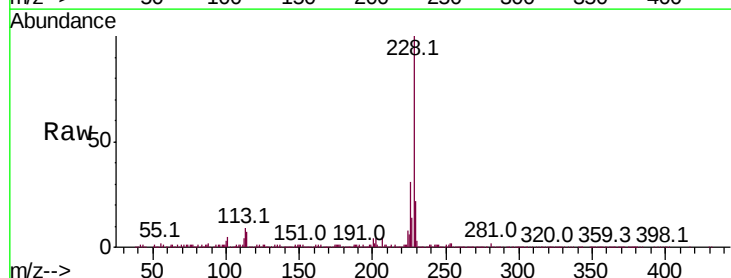
Instrument :
BNA_G
ClientSampleId :

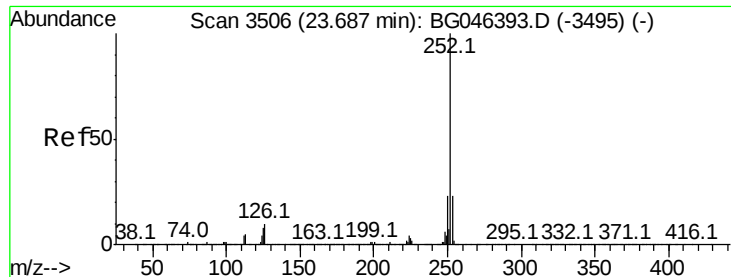
Tot Ion:228 Resp: 338509
Ion Ratio Lower Upper
228 100
229 21.7 16.6 25.0
226 28.3 22.6 33.8



#22
Chrysene
Concen: 9.936 ng/ul
RT: 21.61 min Scan# 3152
Delta R.T. 0.00 min
Lab File: BG046396.D
Acq: 21 Aug 2020 3:19

Tgt Ion:228 Resp: 357716
Ion Ratio Lower Upper
228 100
226 31.1 25.5 38.3
229 22.3 17.0 25.4





#24

Benzo(b)fluoranthene

Concen: 11.447 ng/ul

RT: 23.69 min Scan# 3507

Delta R.T. 0.01 min

Lab File: BG046396.D

Acq: 21 Aug 2020 3:19

Instrument :

BNA_G

ClientSampleId :

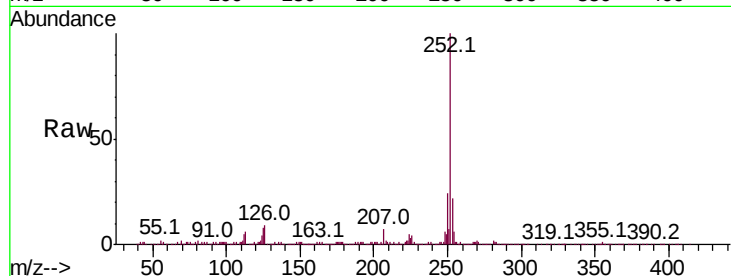
Tot Ion:252 Resp: 482016

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

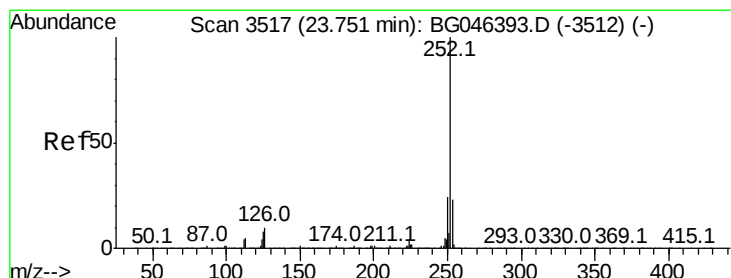
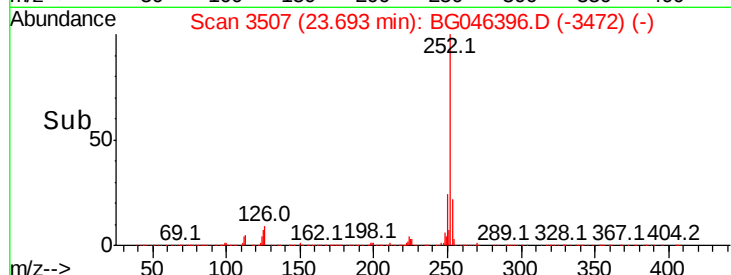
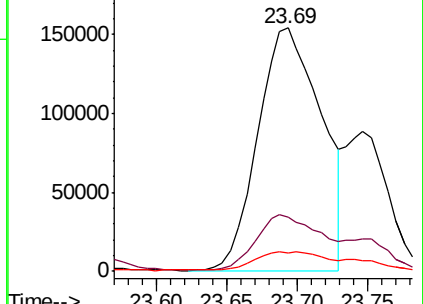
125 7.7 6.4 9.6



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: 11.539 ng/ul

RT: 23.69 min Scan# 3507

Delta R.T. -0.06 min

Lab File: BG046396.D

Acq: 21 Aug 2020 3:19

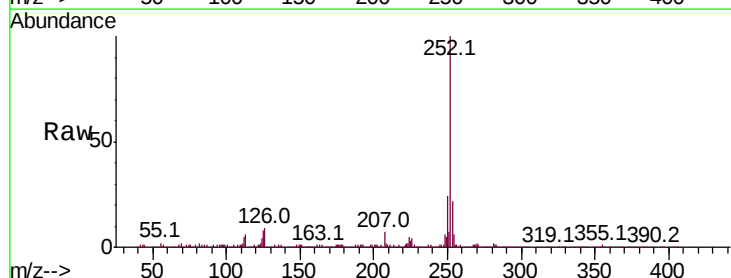
Tgt Ion:252 Resp: 482016

Ion Ratio Lower Upper

252 100

253 22.2 18.5 27.7

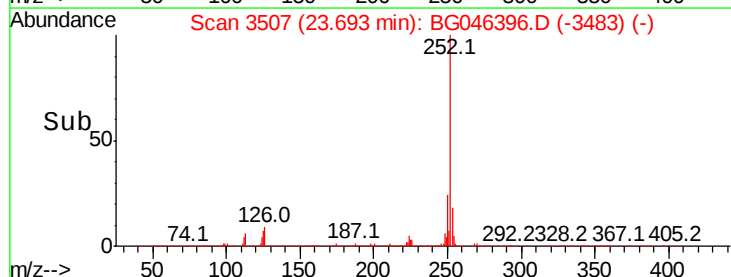
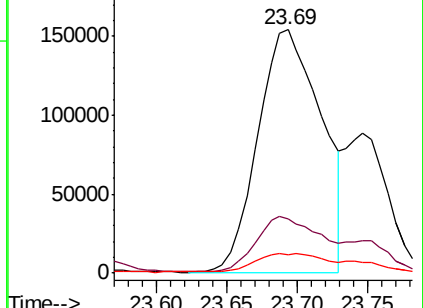
125 7.7 6.2 9.2

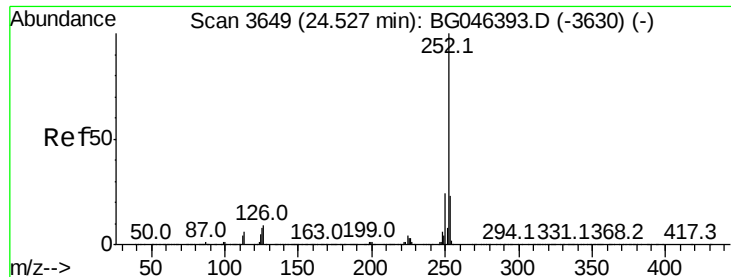


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

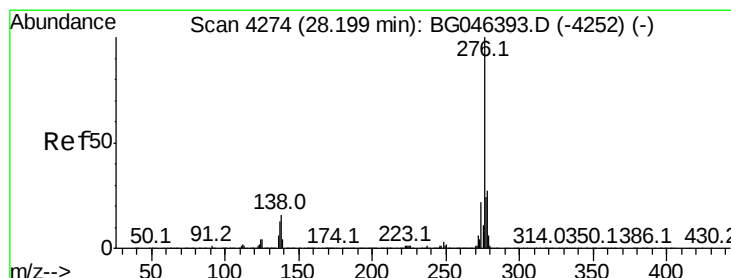
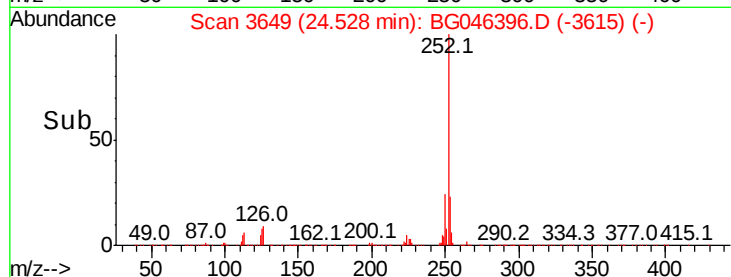
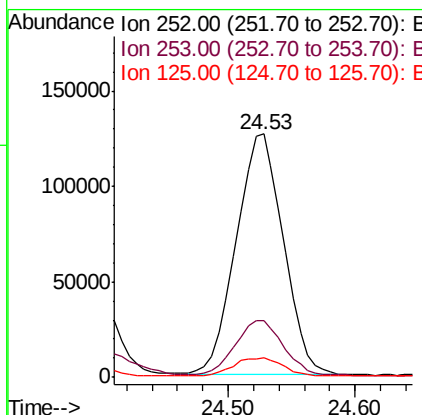
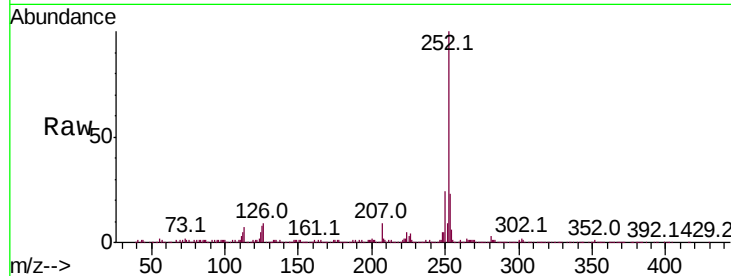




#27
Benzo(a)pyrene
Concen: 8.379 ng/ul
RT: 24.53 min Scan# 3649
Delta R.T. 0.00 min
Lab File: BG046396.D
Acq: 21 Aug 2020 3:19

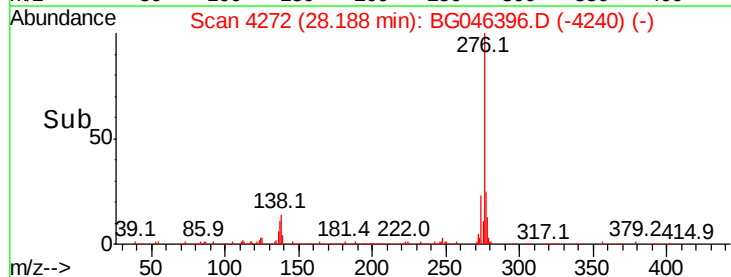
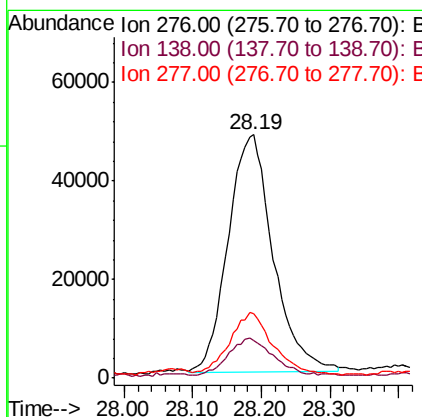
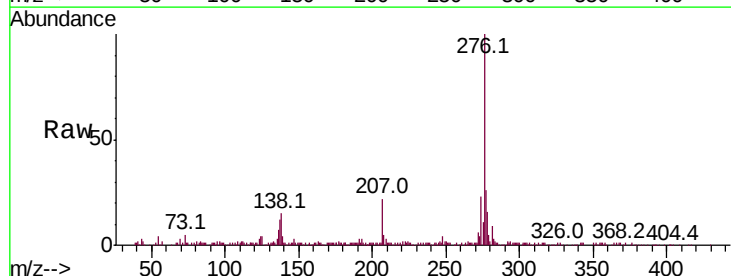
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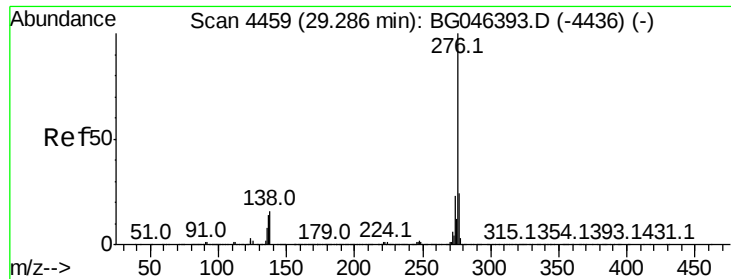
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.8	26.8
125	8.3	7.1	10.7



#28
Indeno(1,2,3-cd)pyrene
Concen: 4.546 ng/ul
RT: 28.19 min Scan# 4272
Delta R.T. -0.01 min
Lab File: BG046396.D
Acq: 21 Aug 2020 3:19

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.5	13.2	19.8
277	26.3	19.9	29.9





#30

Benzo(a,h,i)perylene

Concen: 2.691 ng/ul

RT: 29.27 min Scan# 4456

Delta R.T. -0.02 min

Lab File: BG046396.D

Acq: 21 Aug 2020 3:19

Instrument :

BNA_G

ClientSampleId :

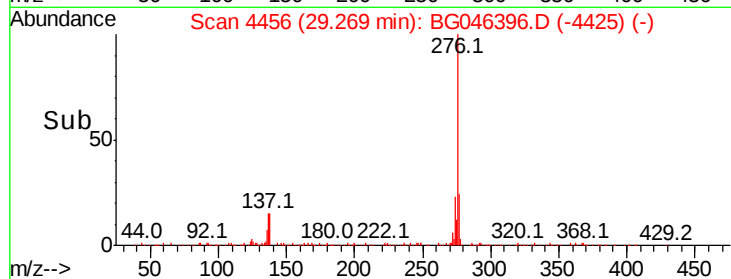
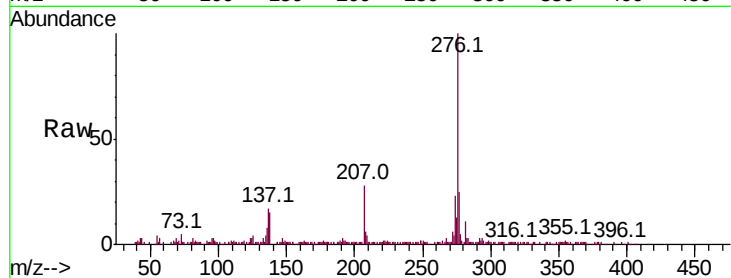
Tot Ion: 276 Resp: 109017

Ion Ratio Lower Upper

276 100

138 15.3 12.9 19.3

277 24.9 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

