

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
 Data File : BG046395.D
 Acq On : 21 Aug 2020 2:39
 Operator : CG/JU
 Sample : L3635-01
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFMG7

Quant Time: Aug 21 04:45:10 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

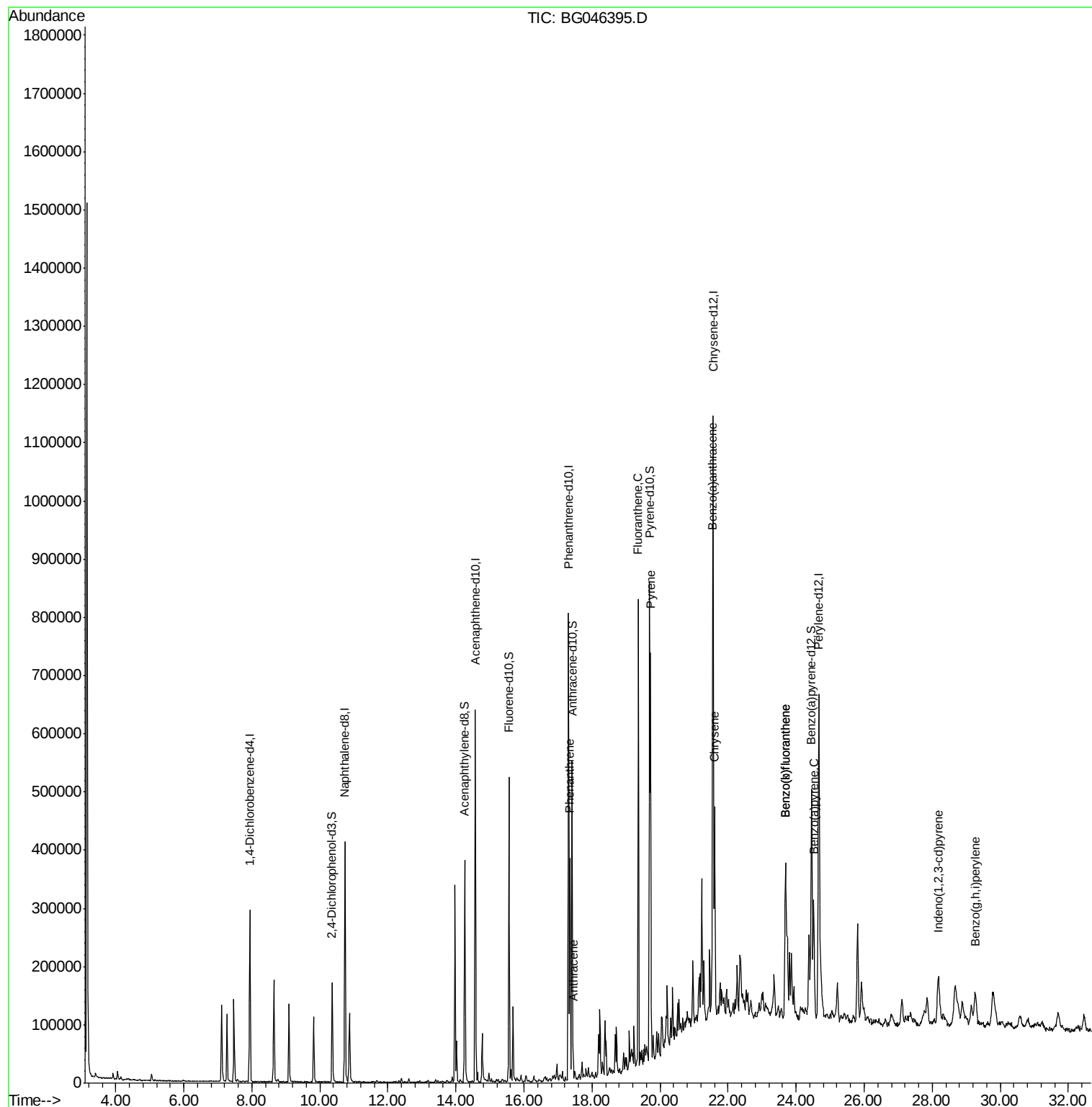
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	93488	20.00	ng/ul	0.00
2) Naphthalene-d8	10.73	136	368113	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	230303	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	514004	20.00	ng/ul	0.00
18) Chrysene-d12	21.56	240	556224	20.00	ng/ul	0.00
23) Perylene-d12	24.67	264	614672	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	76549	12.08	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	283521	13.38	ng/ul	0.00
10) Fluorene-d10	15.56	176	219956	13.54	ng/ul	0.00
15) Anthracene-d10	17.41	188	321543	13.49	ng/ul	0.00
19) Pyrene-d10	19.70	212	385295	13.46	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.45	264	424424	12.65	ng/ul	0.00
Target Compounds				Qvalue		
14) Phenanthrene	17.35	178	239955	8.486	ng/ul	98
16) Anthracene	17.44	178	36875	1.292	ng/ul	98
17) Fluoranthene	19.36	202	479242	15.199	ng/ul	99
20) Pyrene	19.72	202	446254	12.222	ng/ul	98
21) Benzo(a)anthracene	21.54	228	239933	6.630	ng/ul	99
22) Chrysene	21.60	228	267746	7.653	ng/ul	96
24) Benzo(b)fluoranthene	23.69	252	356929	8.781	ng/ul	99
25) Benzo(k)fluoranthene	23.69	252	356929	8.852	ng/ul	98
27) Benzo(a)pyrene	24.52	252	218642	5.859	ng/ul	98
28) Indeno(1,2,3-cd)pyrene	28.17	276	143862	3.079	ng/ul	96
30) Benzo(g,h,i)perylene	29.27	276	119274	3.050	ng/ul	99

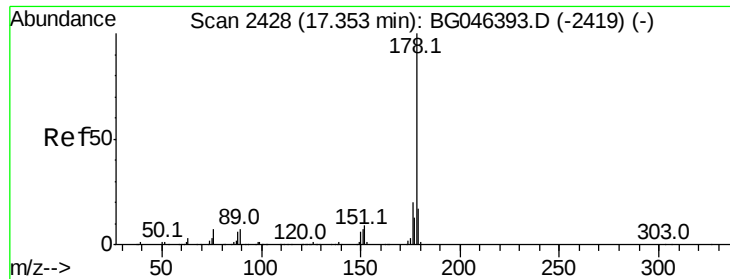
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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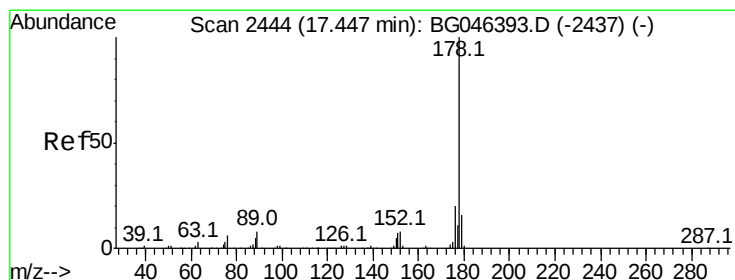
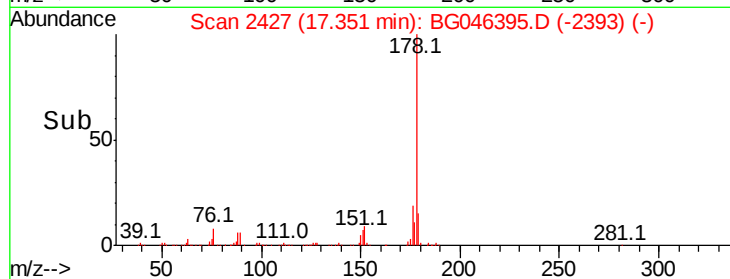
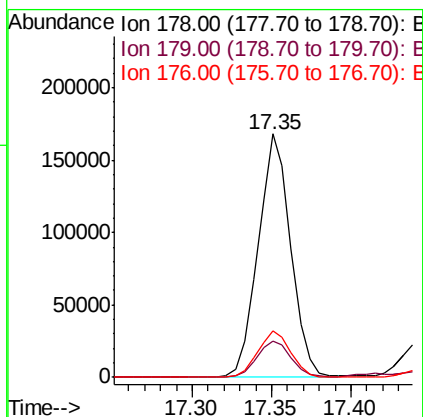
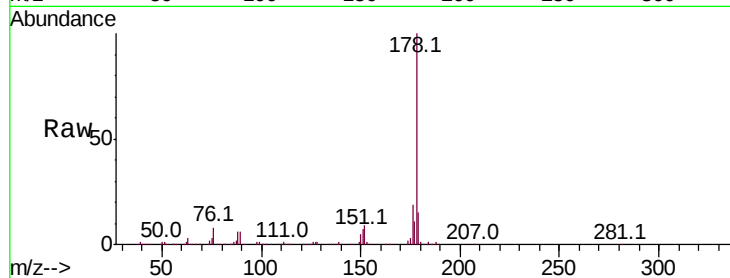




#14
Phenanthrene
Concen: 8.486 ng/ul
RT: 17.35 min Scan# 2427
Delta R.T. -0.00 min
Lab File: BG046395.D
Acq: 21 Aug 2020 2:39

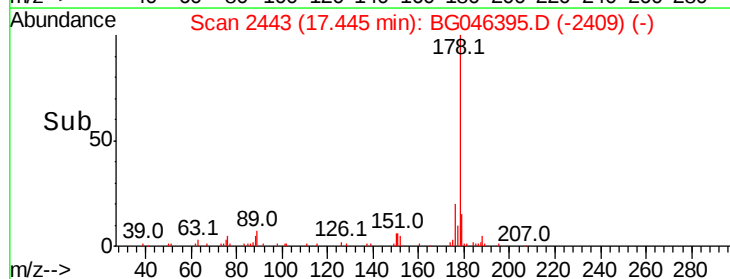
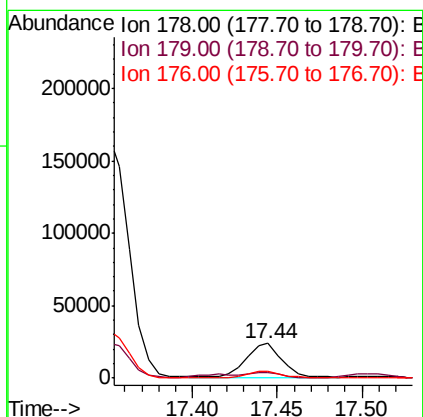
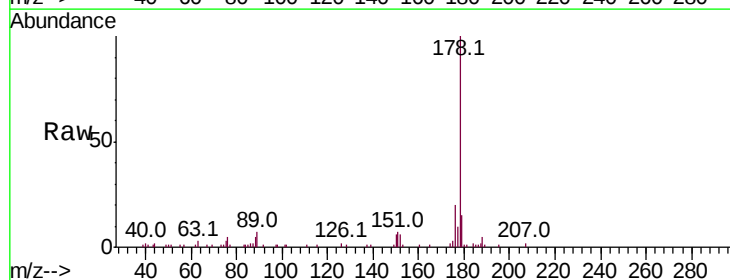
Instrument :
BNA_G
ClientSampleId :
BFMG7

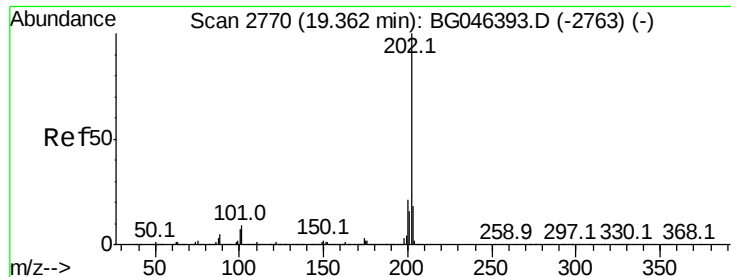
Tot Ion	Ratio	Lower	Upper
178	100		
179	14.6	12.8	19.2
176	19.2	15.8	23.8



#16
Anthracene
Concen: 1.292 ng/ul
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG046395.D
Acq: 21 Aug 2020 2:39

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	13.2	19.8
176	19.7	15.2	22.8

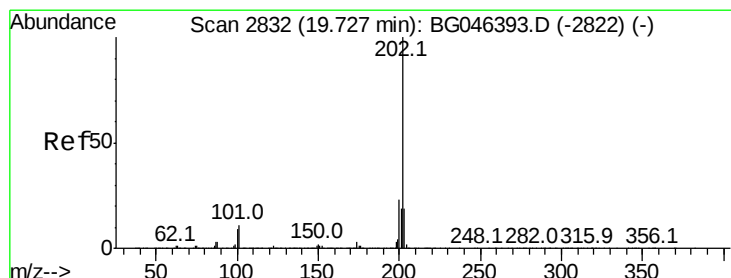
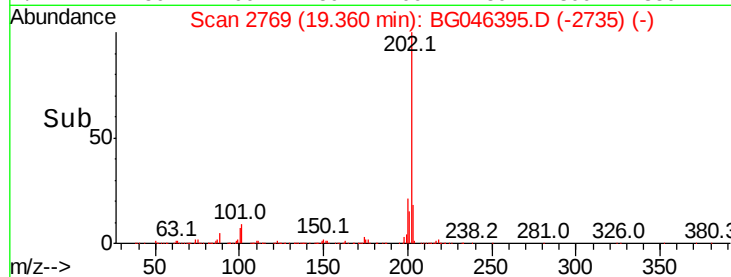
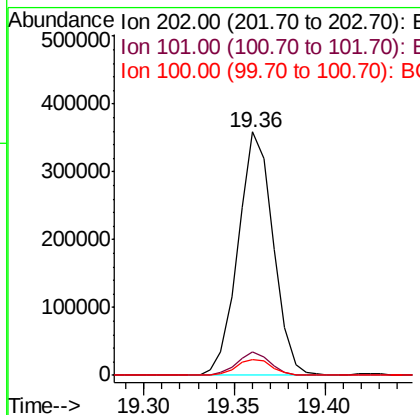
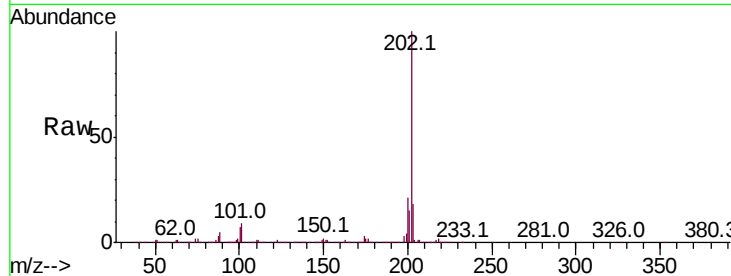




#17
 Fluoranthene
 Concen: 15.199 ng/ul
 RT: 19.36 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: BG046395.D
 Acq: 21 Aug 2020 2:39

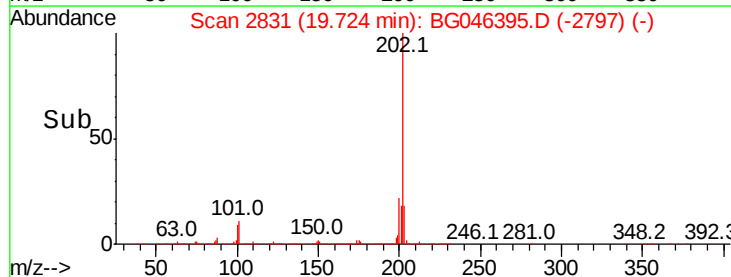
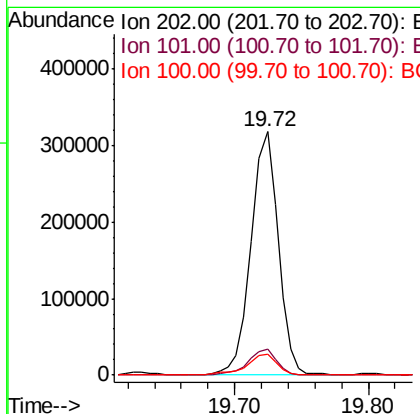
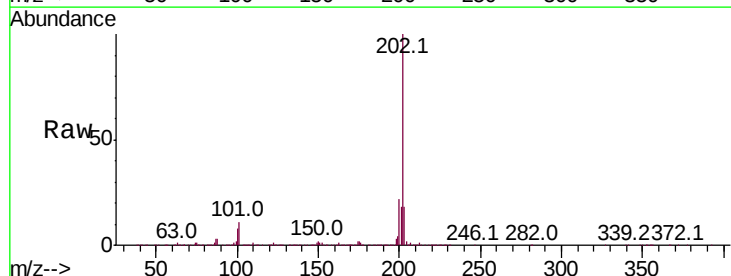
Instrument :
 BNA_G
 ClientSampleId :
 BFMG7

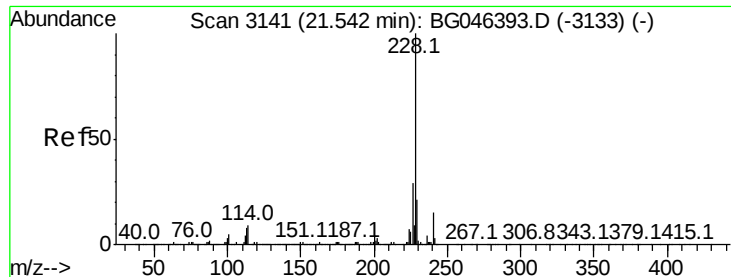
Tot Ion:	202	Resp:	479242
Ion Ratio	Lower	Upper	
202	100		
101	9.4	7.8	11.6
100	6.7	5.9	8.9



#20
 Pyrene
 Concen: 12.222 ng/ul
 RT: 19.72 min Scan# 2831
 Delta R.T. -0.00 min
 Lab File: BG046395.D
 Acq: 21 Aug 2020 2:39

Tgt Ion:	202	Resp:	446254
Ion Ratio	Lower	Upper	
202	100		
101	10.7	8.9	13.3
100	8.5	7.9	11.9

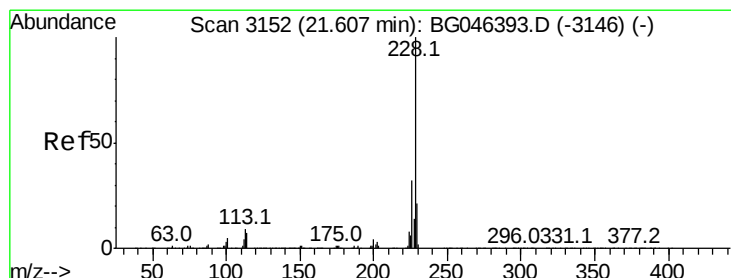
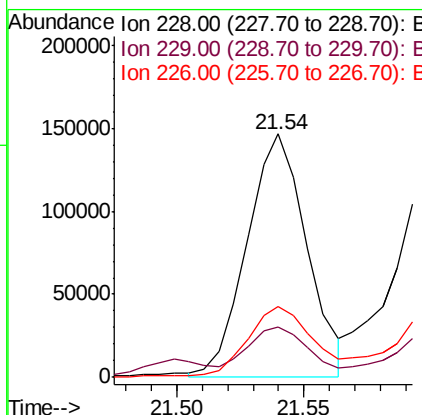
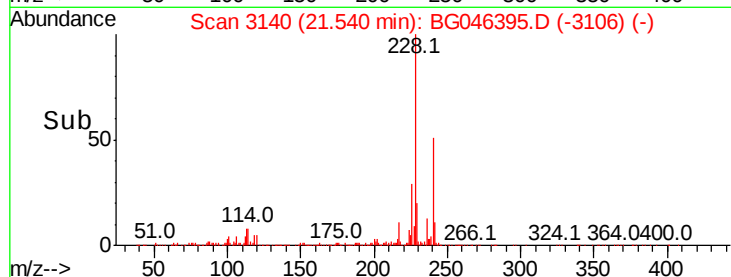
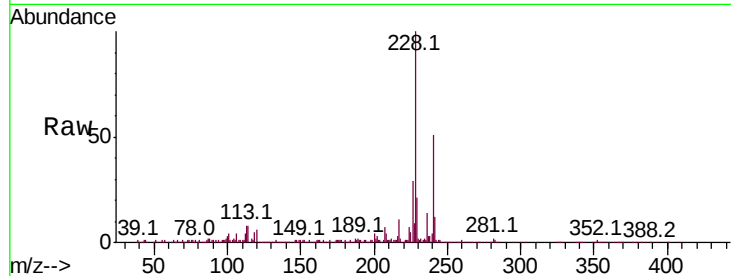




#21
Benzo(a)anthracene
Concen: 6.630 ng/ul
RT: 21.54 min Scan# 3140
Delta R.T. -0.00 min
Lab File: BG046395.D
Acq: 21 Aug 2020 2:39

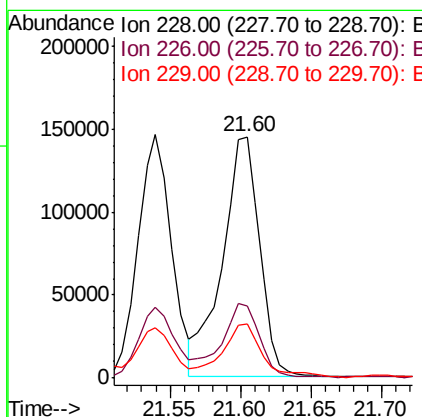
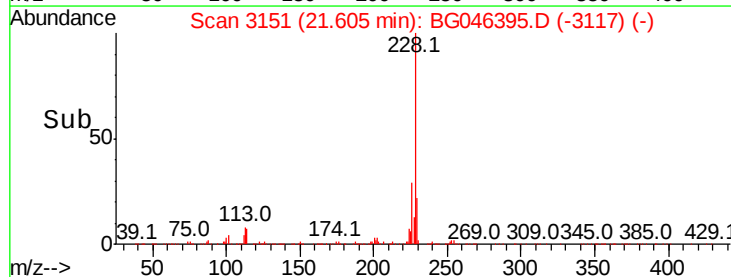
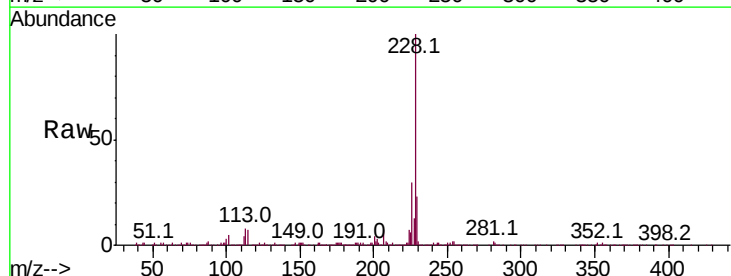
Instrument :
BNA_G
ClientSampleId :
BFMG7

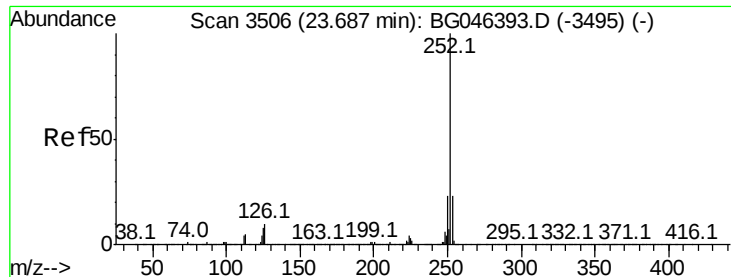
Tot Ion	Ratio	Lower	Upper
228	100		
229	20.7	16.6	25.0
226	29.3	22.6	33.8



#22
Chrysene
Concen: 7.653 ng/ul
RT: 21.60 min Scan# 3151
Delta R.T. -0.00 min
Lab File: BG046395.D
Acq: 21 Aug 2020 2:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	25.5	38.3
229	22.7	17.0	25.4





#24

Benzo(b)fluoranthene

Concen: 8.781 ng/ul

RT: 23.69 min Scan# 3506

Delta R.T. 0.00 min

Lab File: BG046395.D

Acq: 21 Aug 2020 2:39

Instrument :

BNA_G

ClientSampleId :

BFMG7

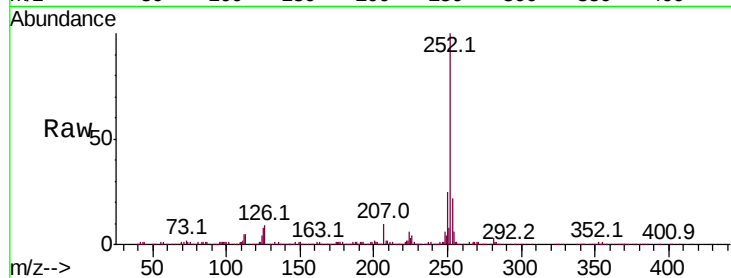
Tot Ion:252 Resp: 356929

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

125 7.9 6.4 9.6

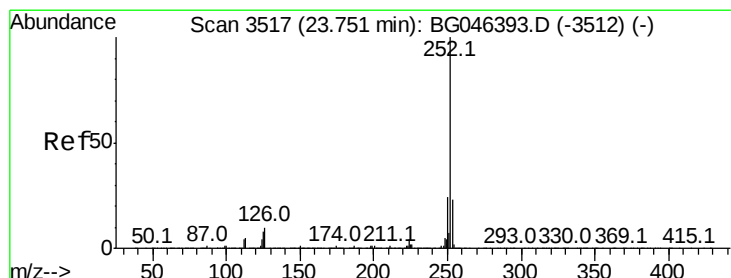
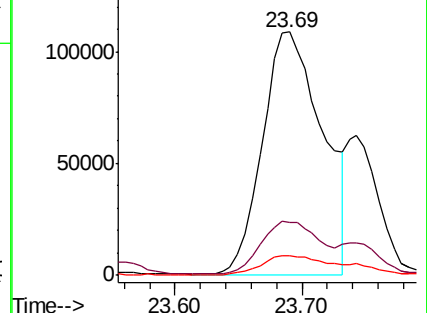
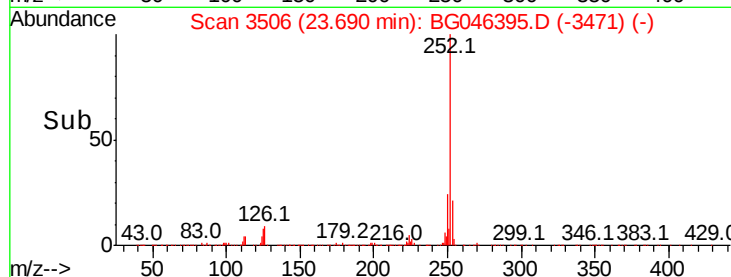


Abundance

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: 8.852 ng/ul

RT: 23.69 min Scan# 3506

Delta R.T. -0.06 min

Lab File: BG046395.D

Acq: 21 Aug 2020 2:39

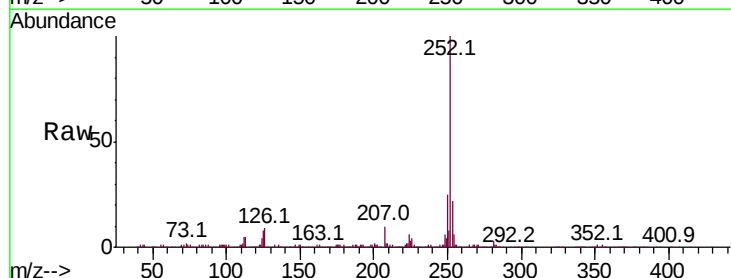
Tgt Ion:252 Resp: 356929

Ion Ratio Lower Upper

252 100

253 21.9 18.5 27.7

125 7.9 6.2 9.2

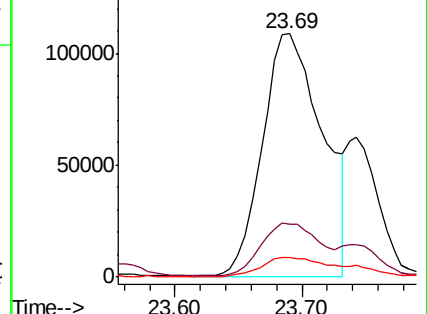
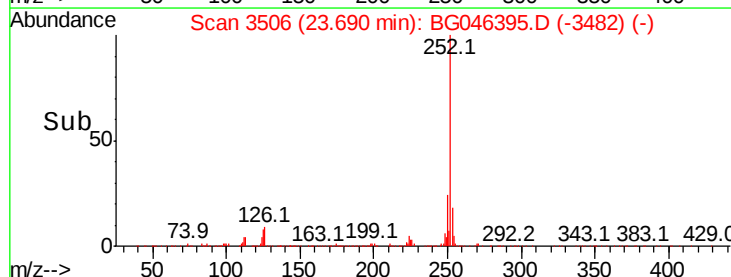


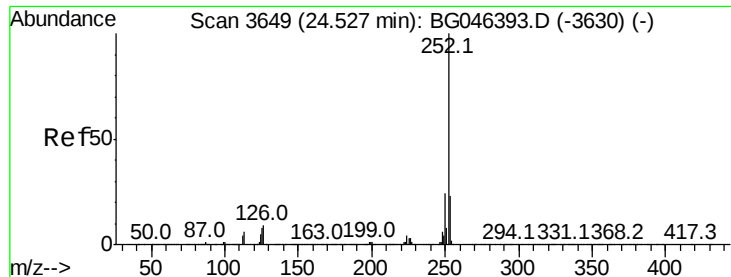
Abundance

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: 5.859 ng/ul

RT: 24.52 min Scan# 3647

Delta R.T. -0.01 min

Lab File: BG046395.D

Acq: 21 Aug 2020 2:39

Instrument :

BNA_G

ClientSampleId :

BFMG7

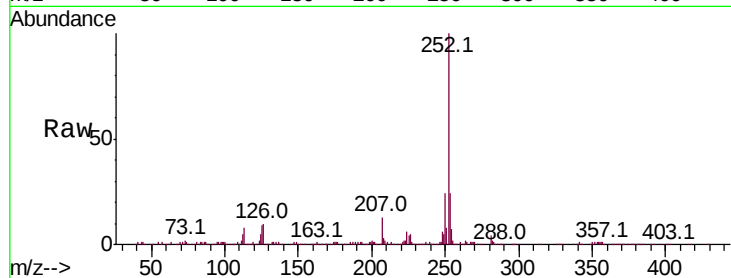
Tot Ion:252 Resp: 218642

Ion Ratio Lower Upper

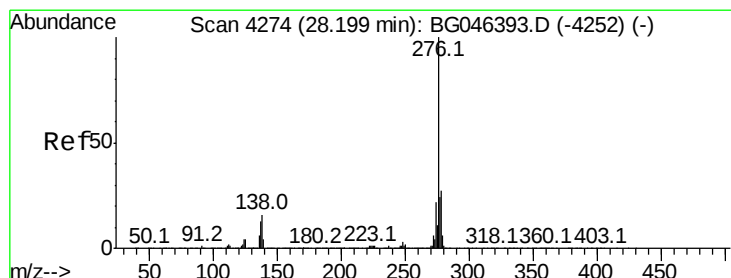
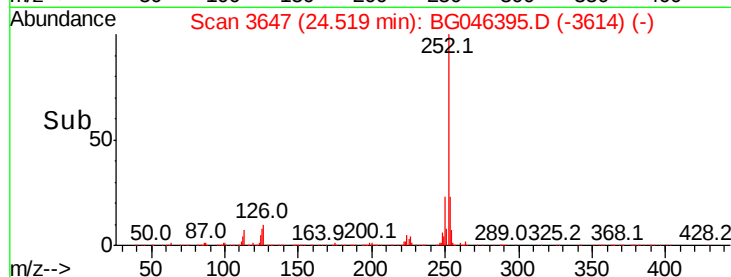
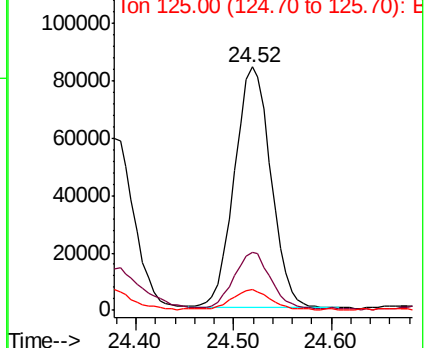
252 100

253 23.7 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: 3.079 ng/ul

RT: 28.17 min Scan# 4269

Delta R.T. -0.03 min

Lab File: BG046395.D

Acq: 21 Aug 2020 2:39

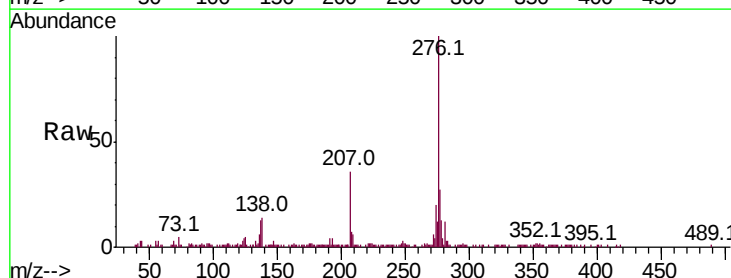
Tgt Ion:276 Resp: 143862

Ion Ratio Lower Upper

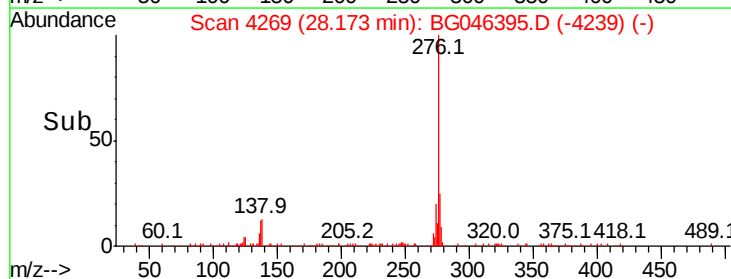
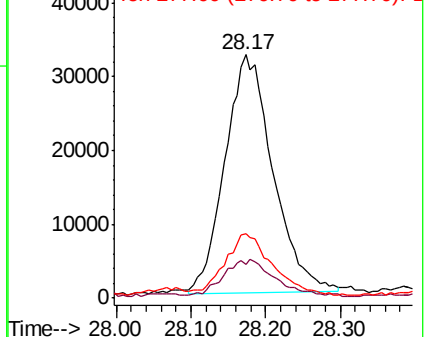
276 100

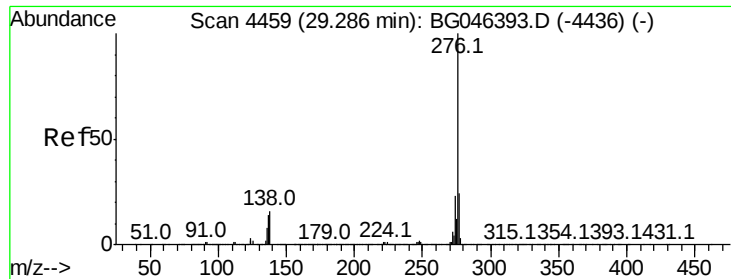
138 13.9 13.2 19.8

277 26.6 19.9 29.9



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





#30

Benzo(a,h,i)perylene

Concen: 3.050 ng/ul

RT: 29.27 min Scan# 4455

Delta R.T. -0.02 min

Lab File: BG046395.D

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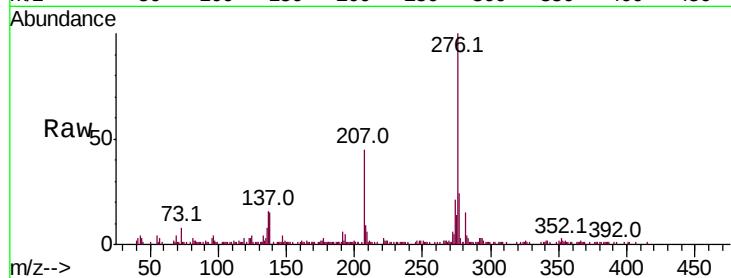
Tot Ion:276 Resp: 119274

Ion Ratio Lower Upper

276 100

138 15.0 12.9 19.3

277 24.0 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

