

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
 Data File : BG046401.D
 Acq On : 21 Aug 2020 6:40
 Operator : CG/JU
 Sample : L3635-05
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFMH1

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Quant Time: Aug 21 07:27:32 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	76087	20.00	ng/ul	0.00
2) Naphthalene-d8	10.74	136	318052	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	211806	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	468533	20.00	ng/ul	0.00
18) Chrysene-d12	21.56	240	462025	20.00	ng/ul	0.00
23) Perylene-d12	24.67	264	503641	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	118333	21.61	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	457548	23.47	ng/ul	0.00
10) Fluorene-d10	15.56	176	359061	24.04	ng/ul	0.00
15) Anthracene-d10	17.41	188	517123	23.81	ng/ul	0.00
19) Pyrene-d10	19.69	212	584752	24.59	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.46	264	618144	22.49	ng/ul	0.00
Target Compounds				Qvalue		
14) Phenanthrene	17.35	178	181315	7.034	ng/ul	98
16) Anthracene	17.44	178	27347	1.052	ng/ul	98
17) Fluoranthene	19.36	202	357845	12.451	ng/ul	98
20) Pyrene	19.72	202	324670	10.705	ng/ul	98
21) Benzo(a)anthracene	21.54	228	170560	5.674	ng/ul	99
22) Chrysene	21.60	228	194156	6.681	ng/ul	97
24) Benzo(b)fluoranthene	23.69	252	263143	7.901	ng/ul	99
25) Benzo(k)fluoranthene	23.75	252	94939m	2.874	ng/ul	
27) Benzo(a)pyrene	24.52	252	167882	5.491	ng/ul	100
28) Indeno(1,2,3-cd)pyrene	28.18	276	117776	3.076	ng/ul	97
29) Dibenzo(a,h)anthracene	28.23	278	33263m	1.072	ng/ul	
30) Benzo(a,h,i)perylene	29.27	276	93608	2.922	ng/ul	98

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

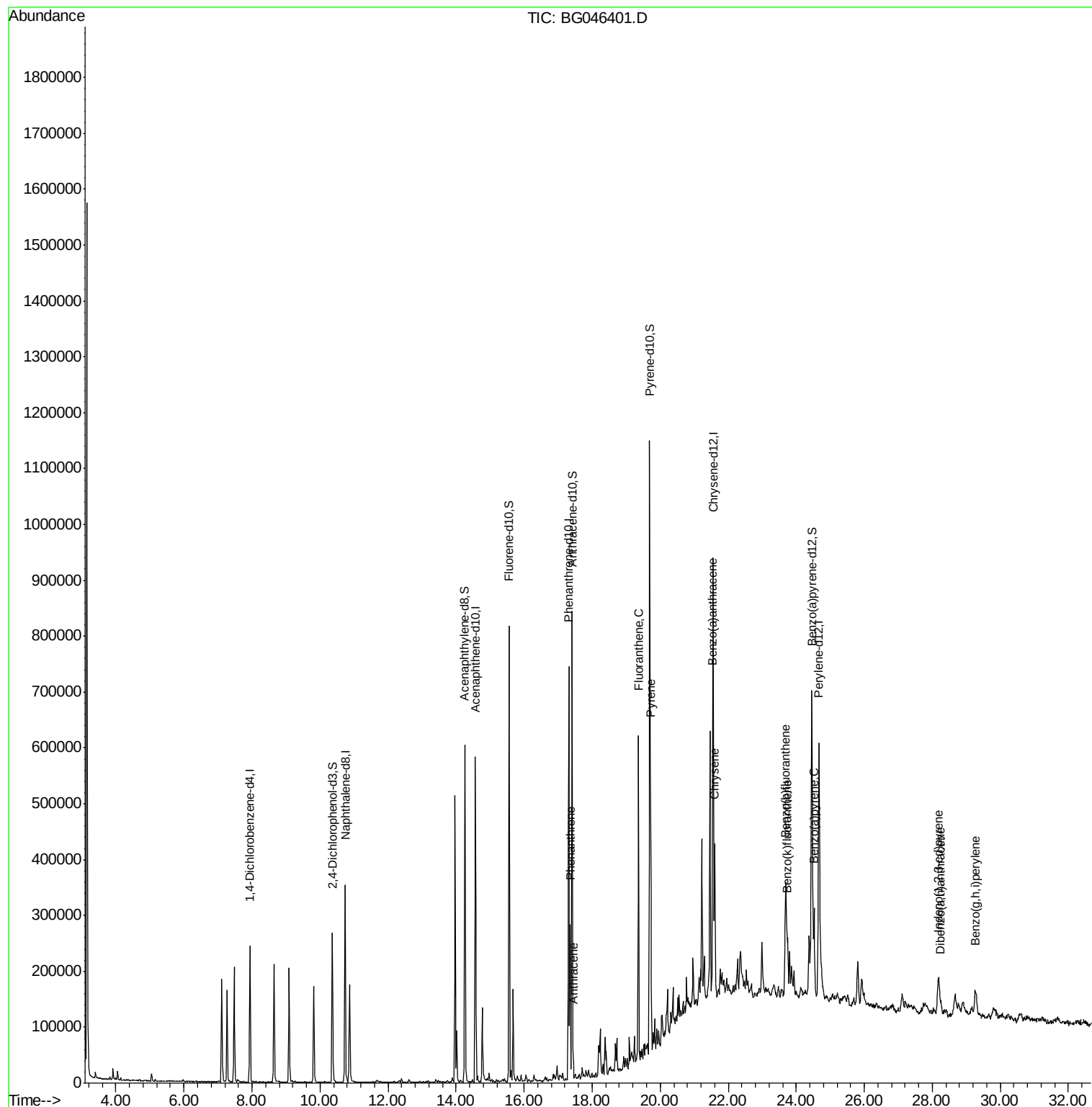
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046401.D
Acq On : 21 Aug 2020 6:40
Operator : CG/JU
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Misc :
ALS Vial : 65 Sample Multiplier: 1

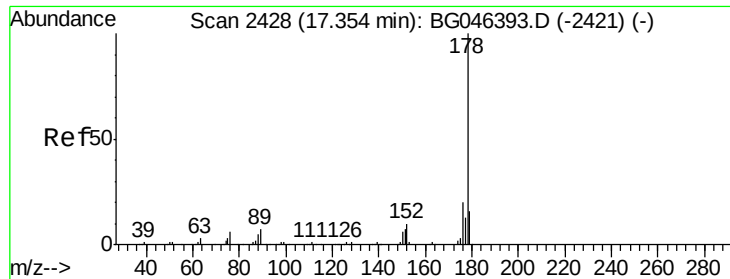
Instrument :
BNA_G
ClientSampleId :
BFMH1

Quant Time: Aug 21 07:27:32 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
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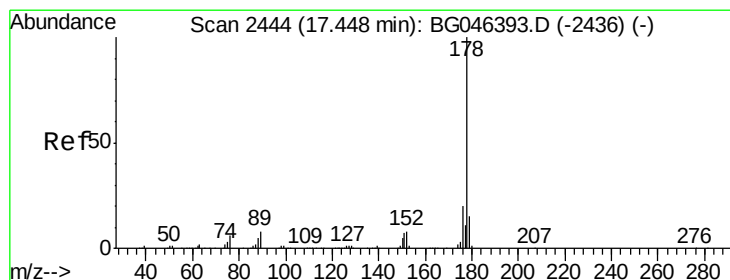
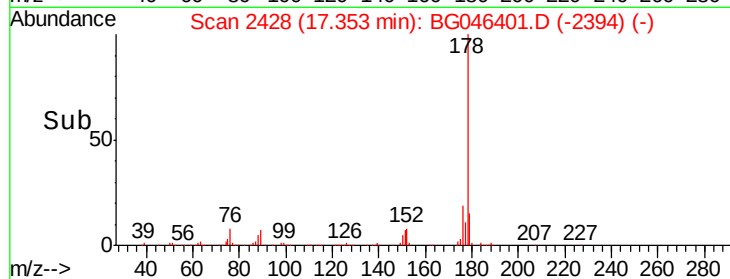
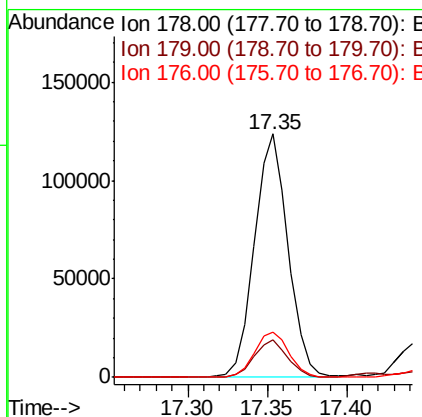
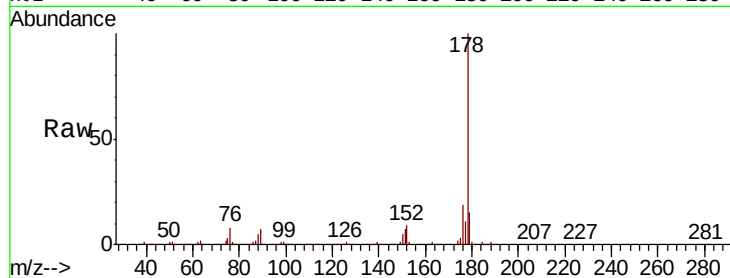
#14
Phenanthrene
Concen: 7.034 ng/ul
RT: 17.35 min Scan# 2428
Delta R.T. 0.00 min
Lab File: BG046401.D
Acq: 21 Aug 2020 6:40

Instrument :
BNA_G
ClientSampleId :
BFMH1

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.8	19.2
176	18.6	15.8	23.8

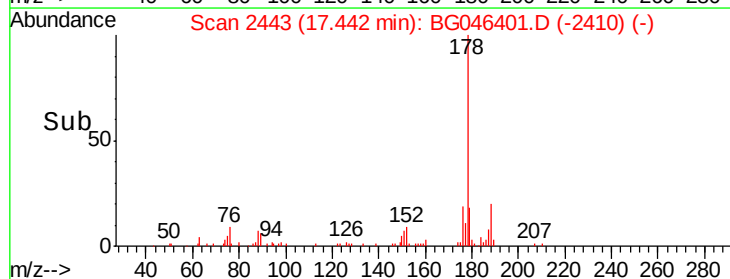
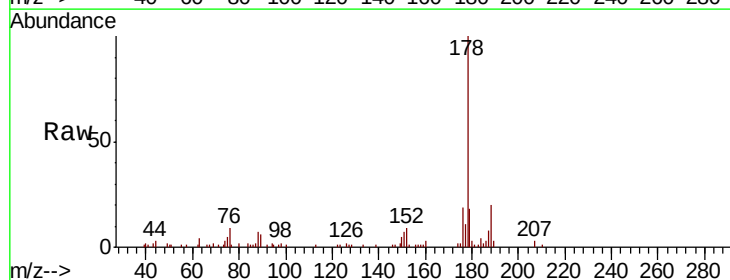
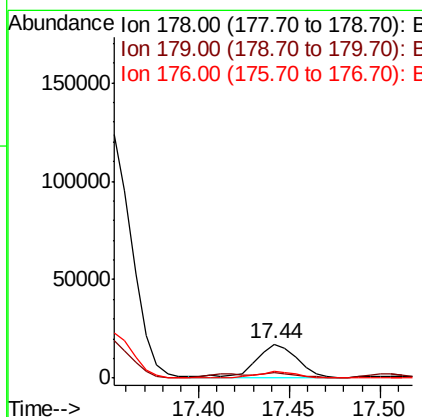
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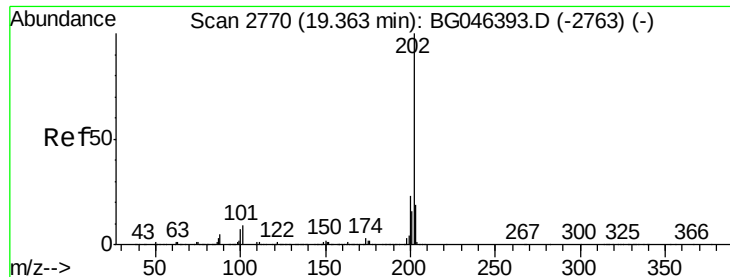
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#16
Anthracene
Concen: 1.052 ng/ul
RT: 17.44 min Scan# 2443
Delta R.T. -0.01 min
Lab File: BG046401.D
Acq: 21 Aug 2020 6:40

Tgt Ion	Ratio	Lower	Upper
178	100		
179	18.1	13.2	19.8
176	19.5	15.2	22.8





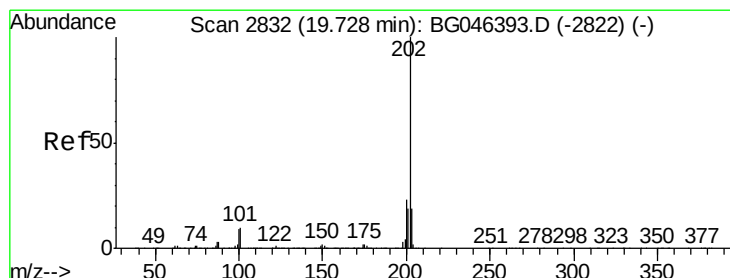
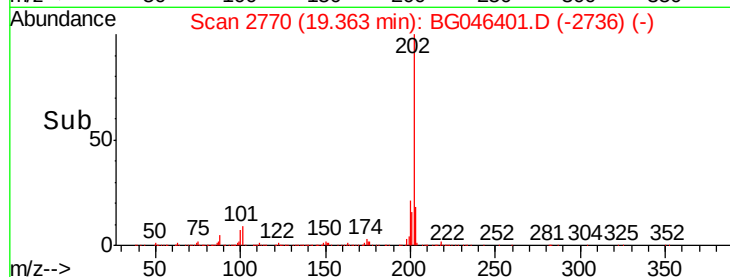
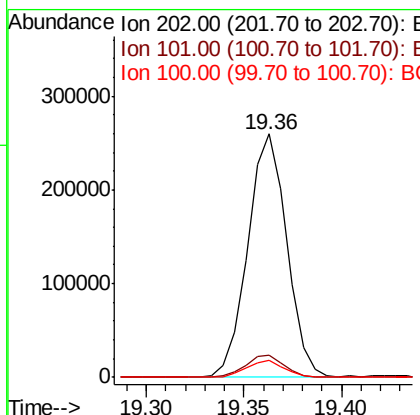
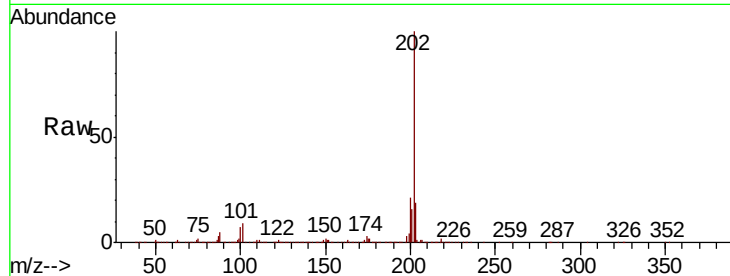
#17
Fluoranthene
 Concen: 12.451 ng/ul
 RT: 19.36 min Scan# 2770
 Delta R.T. 0.00 min
 Lab File: BG046401.D
 Acq: 21 Aug 2020 6:40

Instrument :
 BNA_G
 ClientSampleId :
 BFMH1

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		357845		
101	8.9	7.8	11.6		
100	6.9	5.9	8.9		

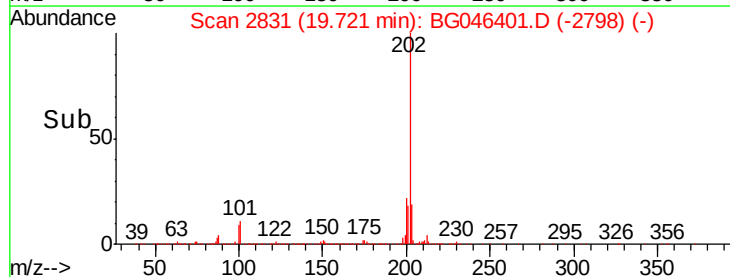
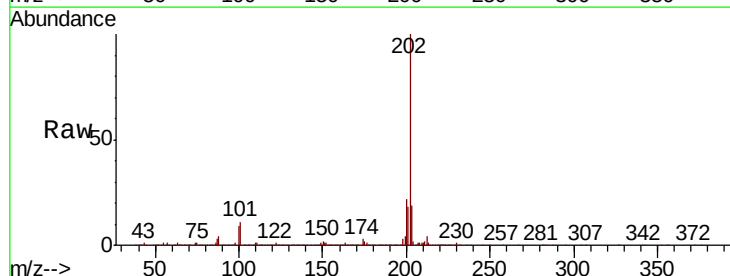
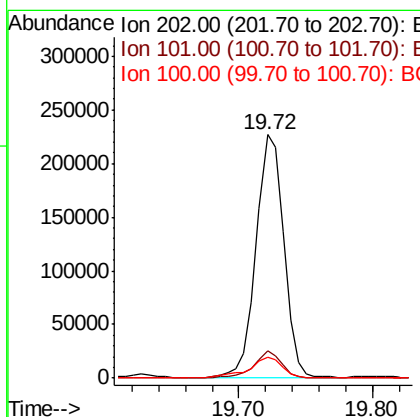
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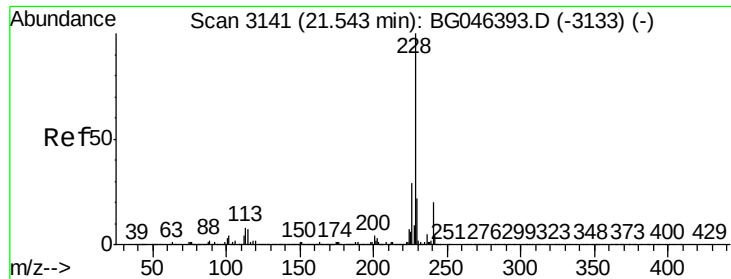
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#20
Pyrene
 Concen: 10.705 ng/ul
 RT: 19.72 min Scan# 2831
 Delta R.T. -0.01 min
 Lab File: BG046401.D
 Acq: 21 Aug 2020 6:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		324670		
101	11.2	8.9	13.3		
100	8.8	7.9	11.9		





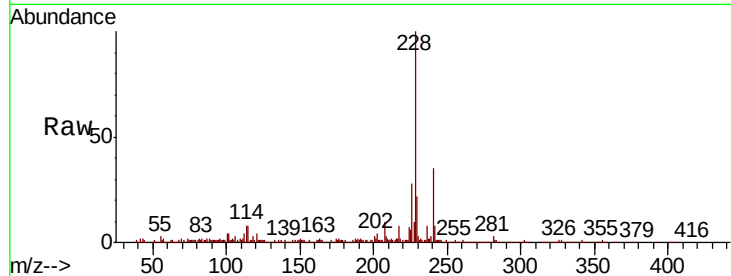
#21
Benzo(a)anthracene
Concen: 5.674 ng/ul
RT: 21.54 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BG046401.D
Acq: 21 Aug 2020 6:40

Instrument :
BNA_G
ClientSampleId :
BFMH1

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

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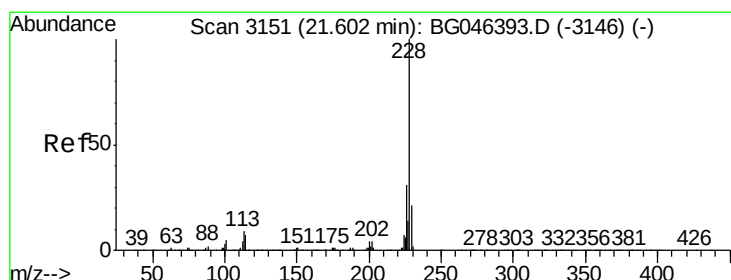
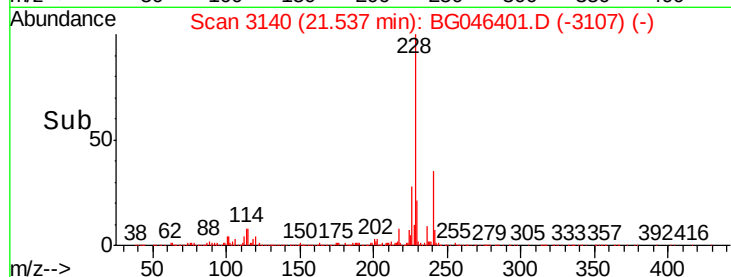
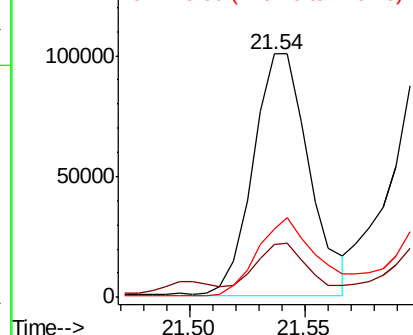


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#22
Chrysene
Concen: 6.681 ng/ul
RT: 21.60 min Scan# 3151
Delta R.T. -0.01 min
Lab File: BG046401.D
Acq: 21 Aug 2020 6:40

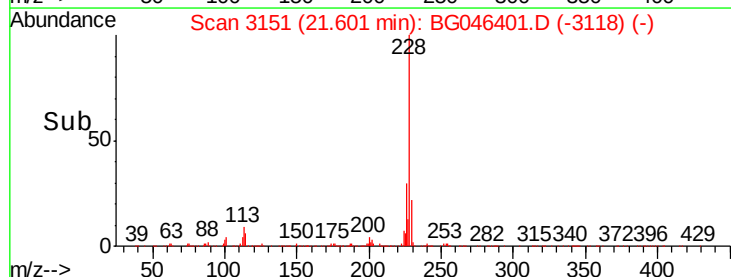
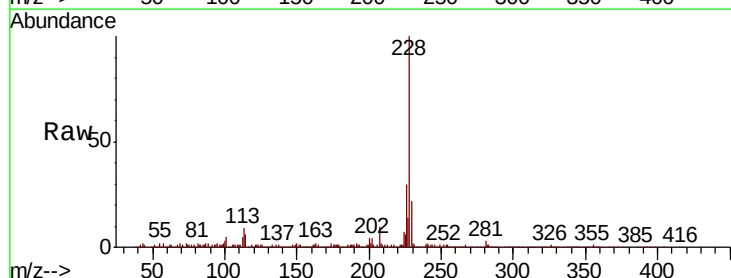
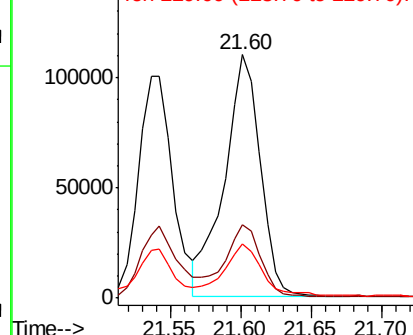
Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.5	38.3
229	22.5	17.0	25.4

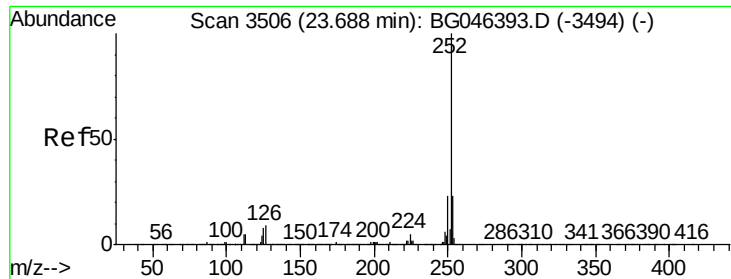
Abundance

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





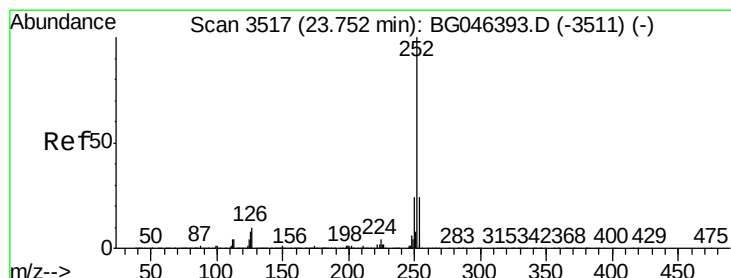
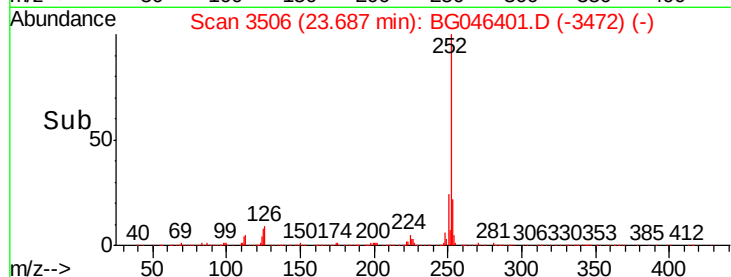
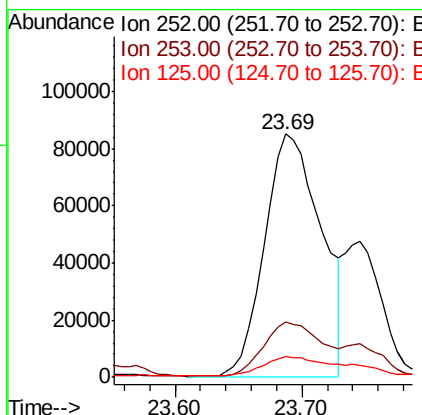
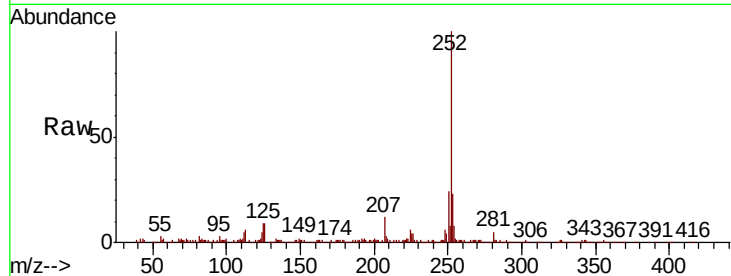
#24
Benzo(b)fluoranthene
Concen: 7.901 ng/ul
RT: 23.69 min Scan# 3506
Delta R.T. 0.00 min
Lab File: BG046401.D
Acq: 21 Aug 2020 6:40

Instrument :
BNA_G
ClientSampleId :
BFMH1

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.6
125	8.7	6.4	9.6

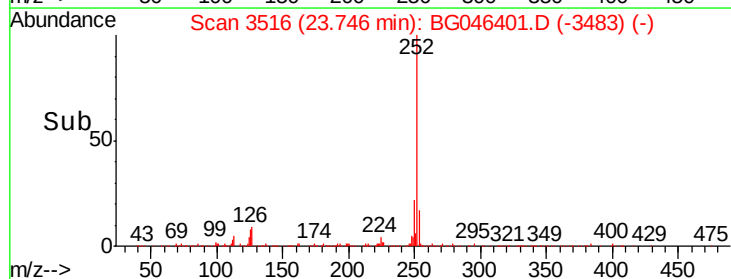
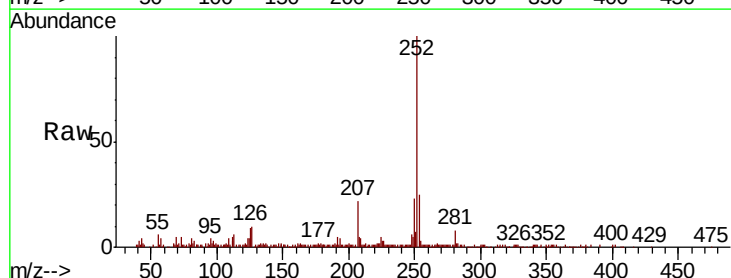
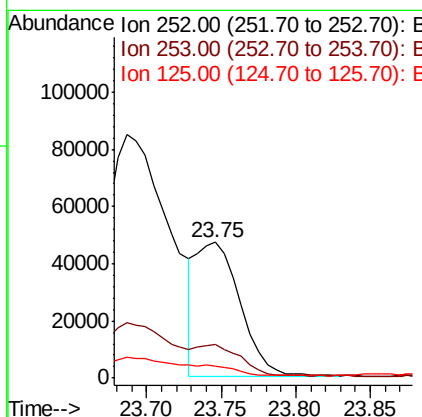
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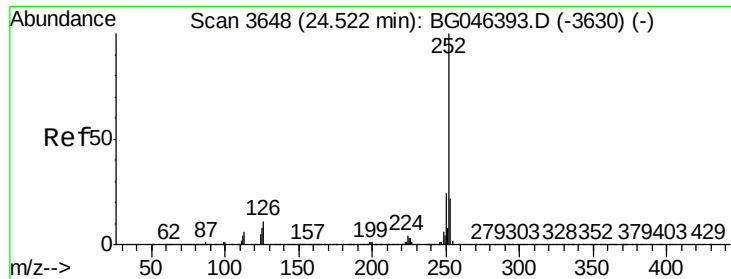
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#25
Benzo(k)fluoranthene
Concen: 2.874 ng/ul m
RT: 23.75 min Scan# 3516
Delta R.T. -0.01 min
Lab File: BG046401.D
Acq: 21 Aug 2020 6:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.5	27.7
125	8.9	6.2	9.2





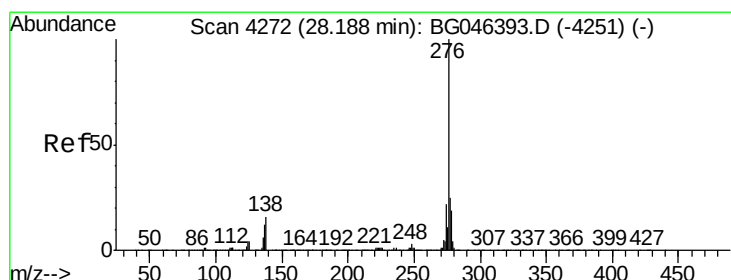
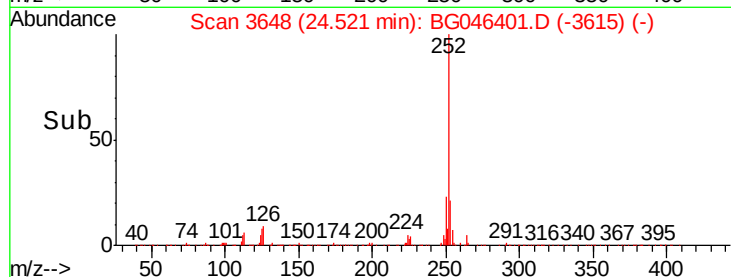
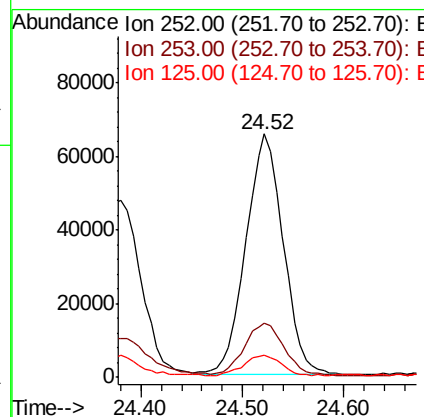
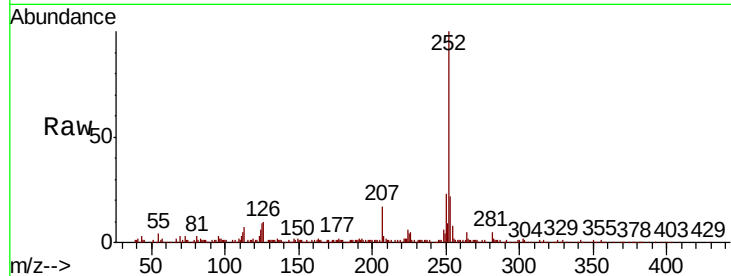
#27
Benzo(a)pyrene
Concen: 5.491 ng/ul
RT: 24.52 min Scan# 3648
Delta R.T. -0.01 min
Lab File: BG046401.D
Acq: 21 Aug 2020 6:40

Instrument :
BNA_G
ClientSampleId :
BFMH1

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	9.1	7.1	10.7

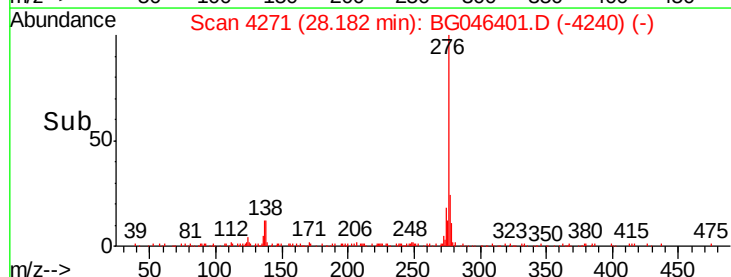
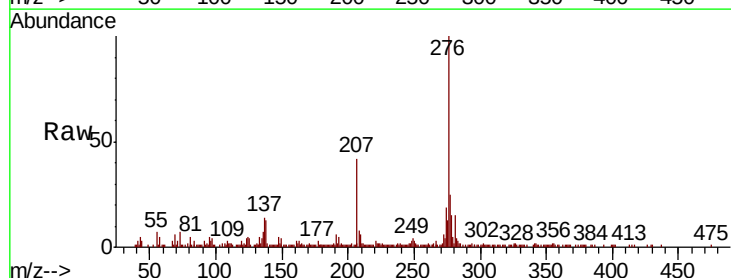
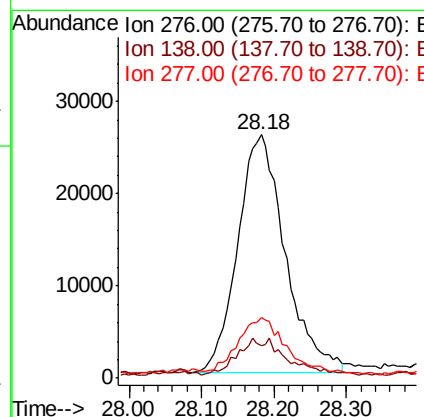
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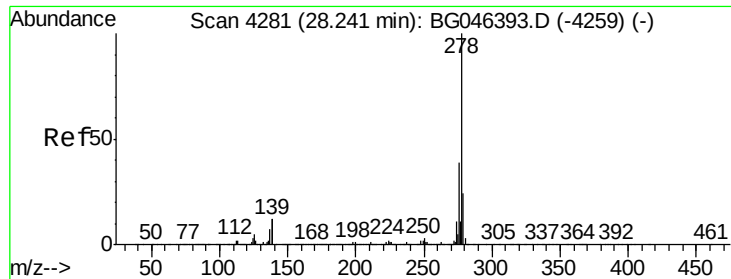
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#28
Indeno(1,2,3-cd)pyrene
Concen: 3.076 ng/ul
RT: 28.18 min Scan# 4271
Delta R.T. -0.02 min
Lab File: BG046401.D
Acq: 21 Aug 2020 6:40

Tgt Ion	Ratio	Lower	Upper
276	100		
138	13.5	13.2	19.8
277	25.0	19.9	29.9





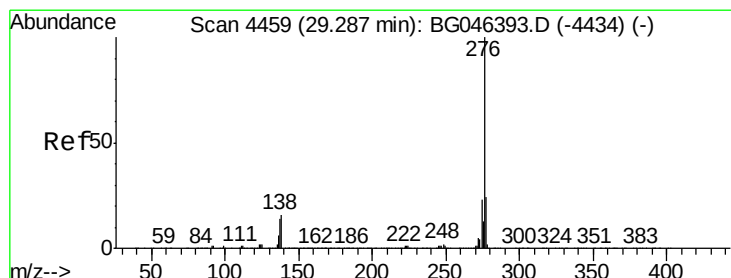
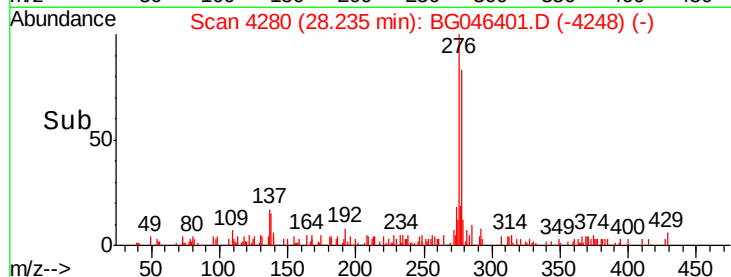
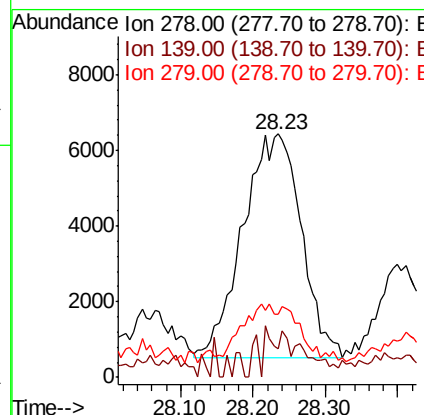
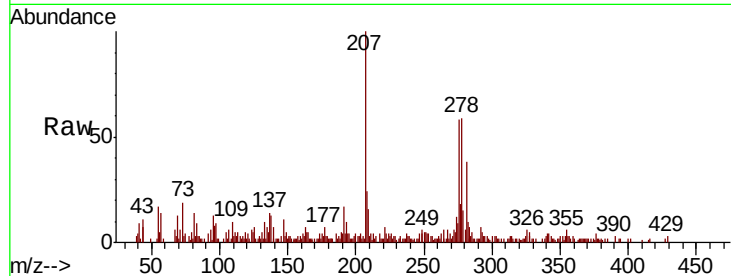
#29
Dibenzo(a,h)anthracene
Concen: 1.072 ng/ul m
RT: 28.23 min Scan# 4280
Delta R.T. -0.01 min
Lab File: BG046401.D
Acq: 21 Aug 2020 6:40

Instrument :
BNA_G
ClientSampleId :
BFMH1

Tot Ion	Ratio	Lower	Upper
278	100		
139	11.5	9.8	14.8
279	25.9	19.7	29.5

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#30
Benzo(g,h,i)perylene
Concen: 2.922 ng/ul
RT: 29.27 min Scan# 4456
Delta R.T. -0.02 min
Lab File: BG046401.D
Acq: 21 Aug 2020 6:40

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.3	12.9	19.3
277	23.0	19.4	29.0

