

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 :
 BFMH0

Manual Integrations
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Quant Time: Aug 21 05:00:46 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	23.75	252	182230m	4.363	ng/ul	
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
29) Dibenzo(a,h)anthracene	28.22	278	57958m	1.477	ng/ul	
30) Benzo(a,h,i)perylene	29.27	276	201678m	4.978	ng/ul	

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

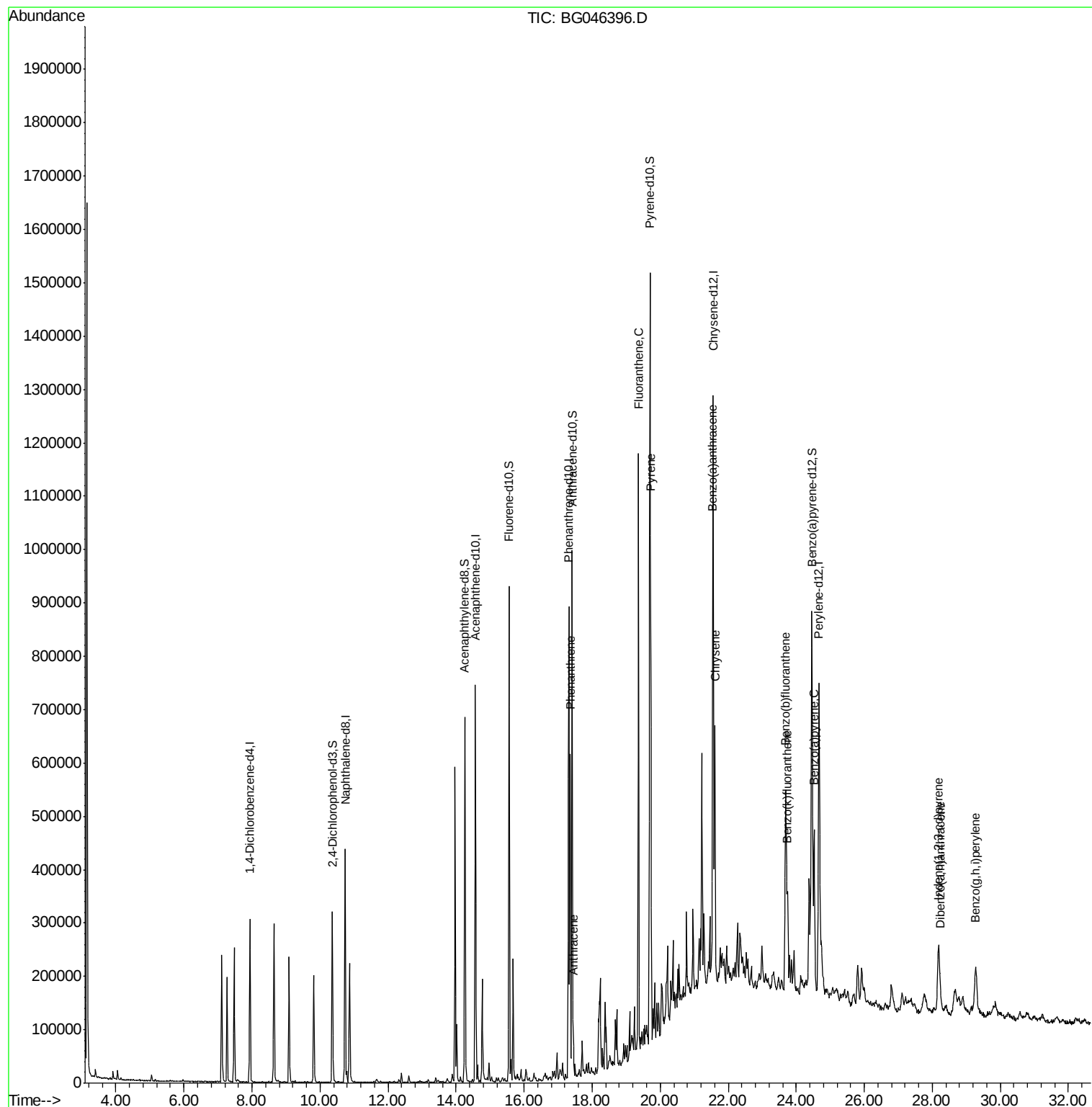
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046396.D
Acq On : 21 Aug 2020 3:19
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ALS Vial : 60 Sample Multiplier: 1

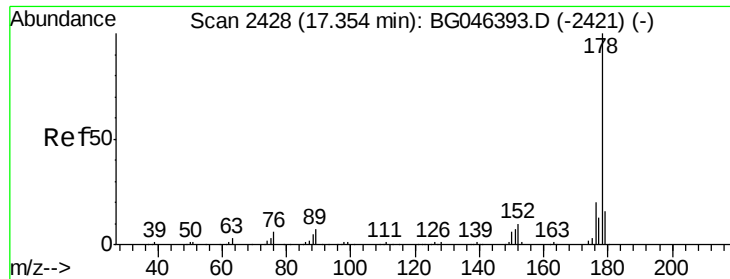
Instrument :
BNA_G
ClientSampleId :
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Quant Time: Aug 21 05:00:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
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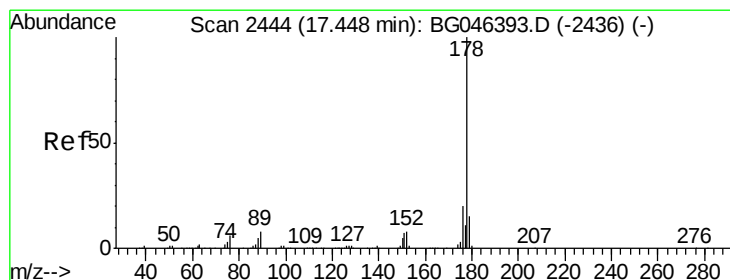
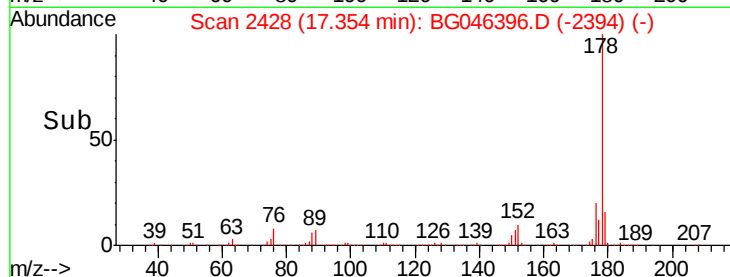
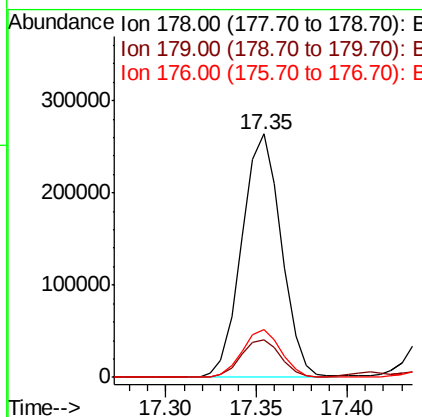
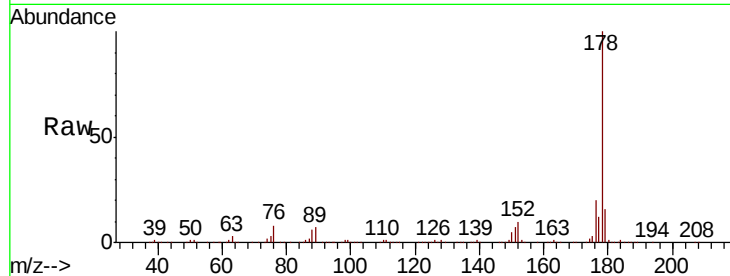
#14
Phenanthrene
Concen: 12.656 ng/ul
RT: 17.35 min Scan# 2428
Delta R.T. 0.00 min
Lab File: BG046396.D
Acq: 21 Aug 2020 3:19

Instrument :
BNA_G
ClientSampleId :
BFMH0

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

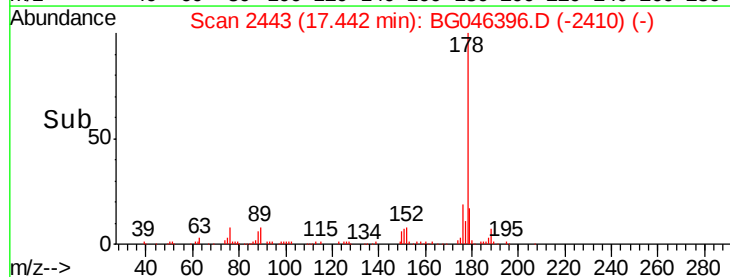
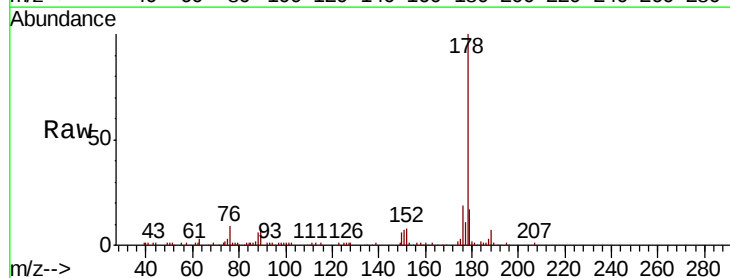
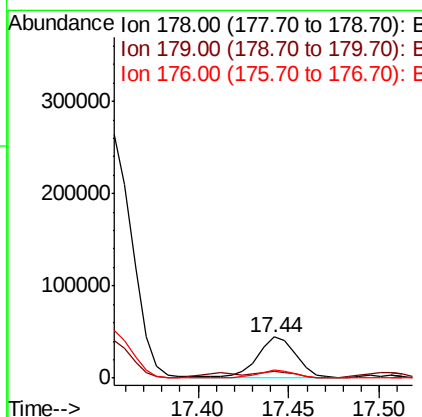
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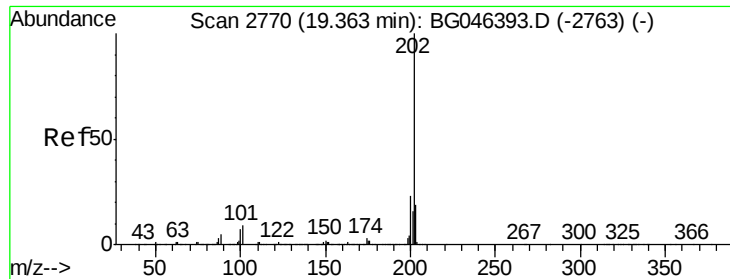
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#16
Anthracene
Concen: 2.114 ng/ul
RT: 17.44 min Scan# 2443
Delta R.T. -0.01 min
Lab File: BG046396.D
Acq: 21 Aug 2020 3:19

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





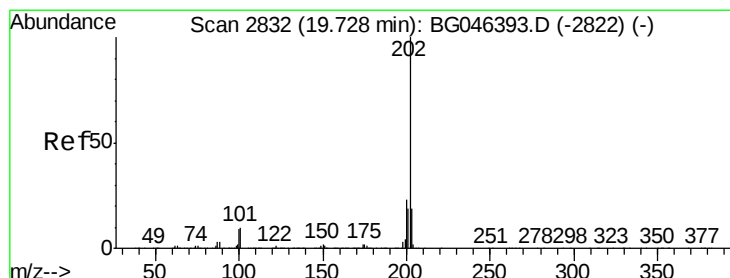
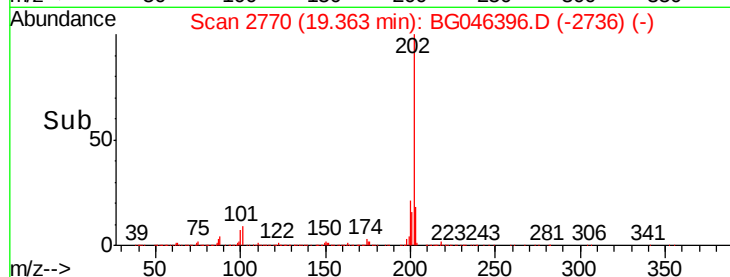
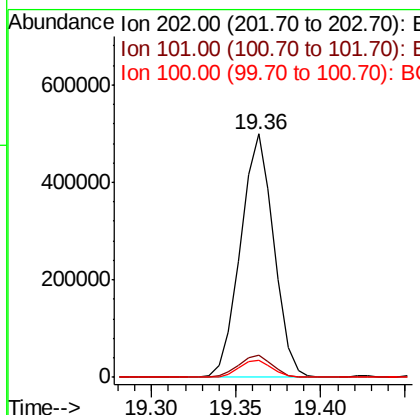
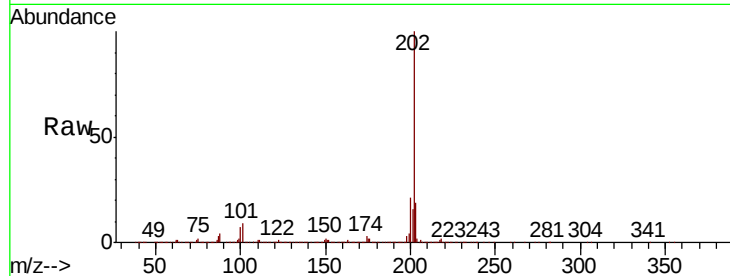
#17
Fluoranthene
 Concen: 19.456 ng/ul
 RT: 19.36 min Scan# 2770
 Delta R.T. 0.00 min
 Lab File: BG046396.D
 Acq: 21 Aug 2020 3:19

Instrument :
 BNA_G
 ClientSampleId :
 BFMH0

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		682580		
101	8.9	7.8	11.6		
100	6.9	5.9	8.9		

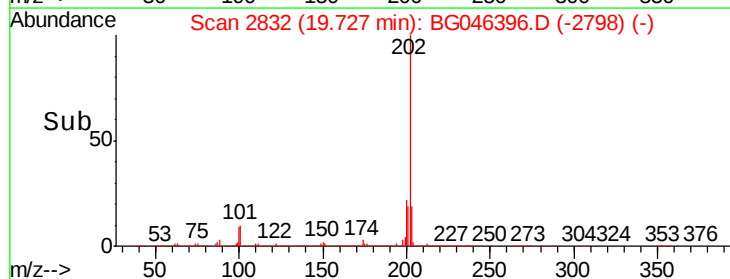
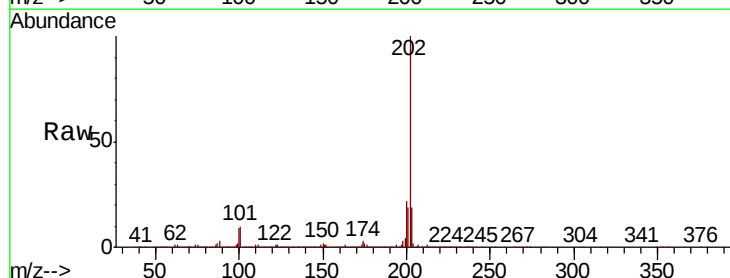
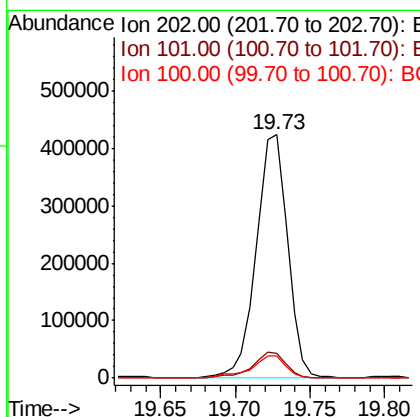
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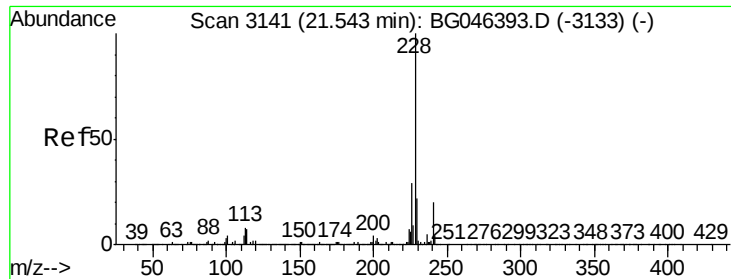
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#20
Pyrene
 Concen: 16.277 ng/ul
 RT: 19.73 min Scan# 2832
 Delta R.T. 0.00 min
 Lab File: BG046396.D
 Acq: 21 Aug 2020 3:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		611592		
101	10.2	8.9	13.3		
100	8.9	7.9	11.9		





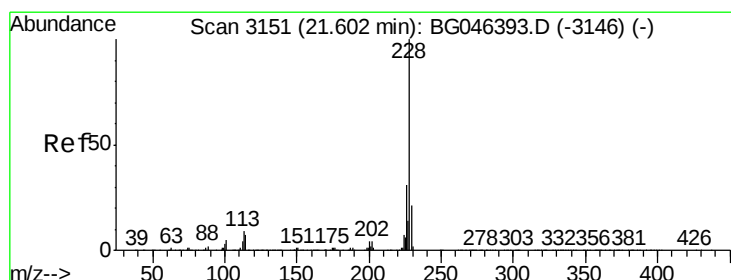
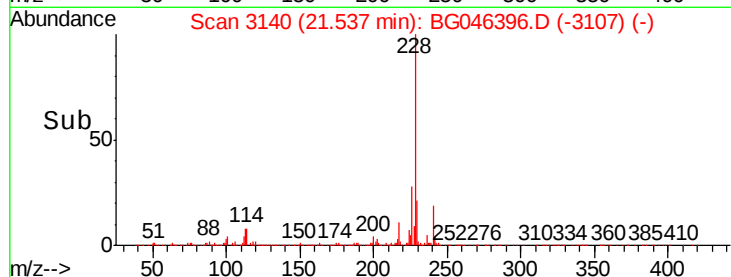
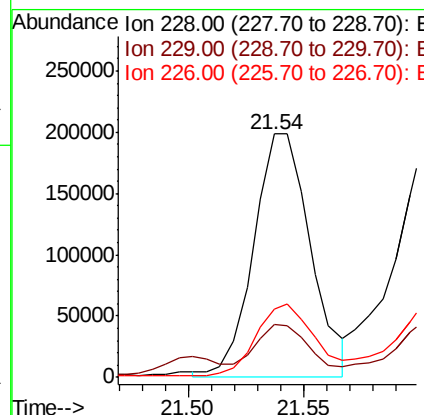
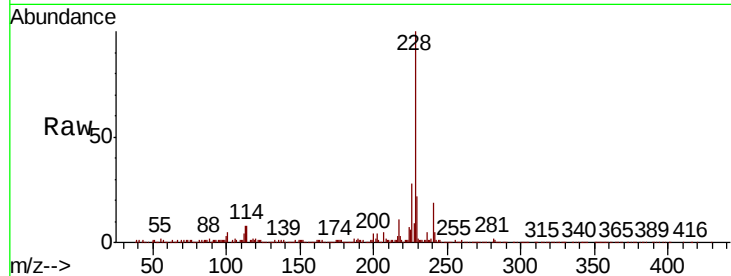
#21
Benzo(a)anthracene
Concen: 9.089 ng/ul
RT: 21.54 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BG046396.D
Acq: 21 Aug 2020 3:19

Instrument :
BNA_G
ClientSampled :
BFMH0

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

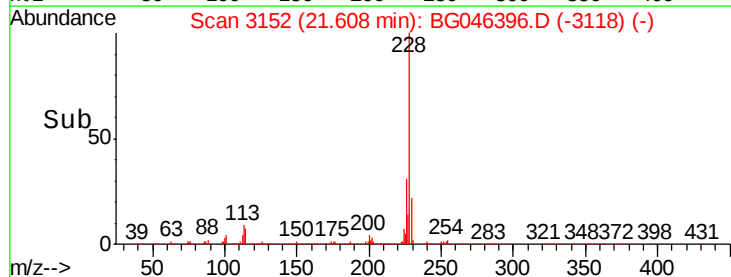
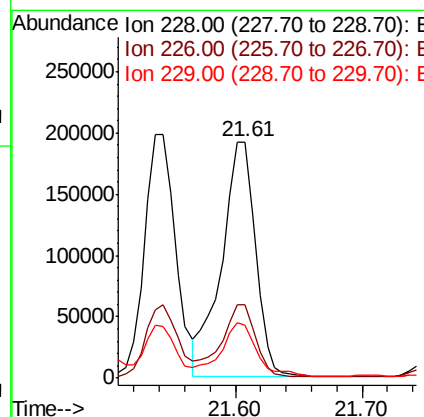
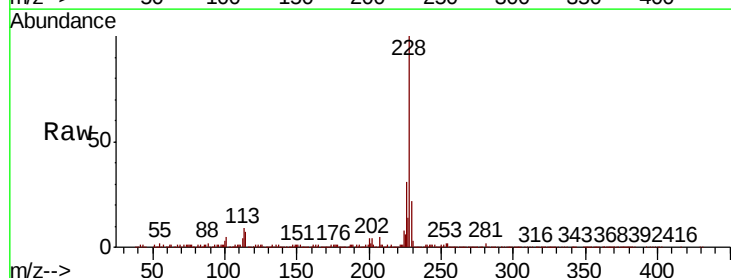
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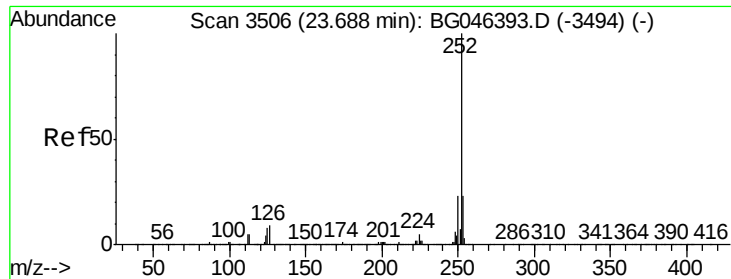
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#22
Chrysene
Concen: 9.936 ng/ul
RT: 21.61 min Scan# 3152
Delta R.T. 0.00 min
Lab File: BG046396.D
Acq: 21 Aug 2020 3:19

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





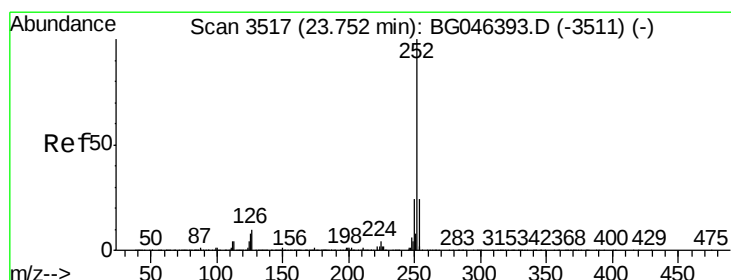
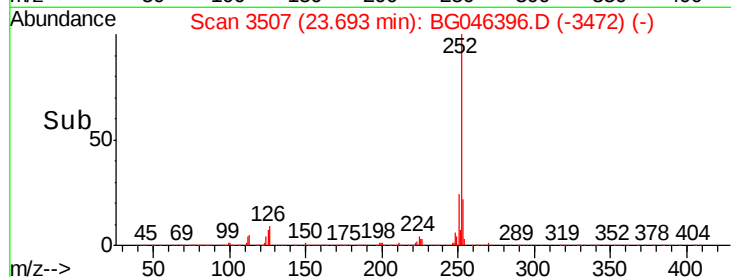
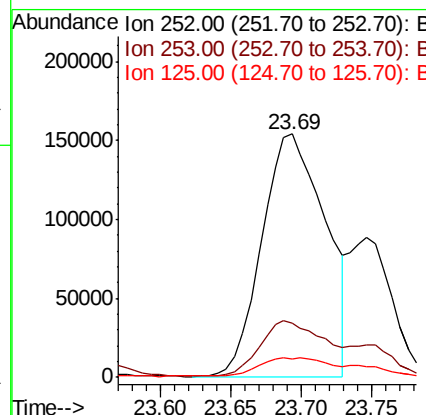
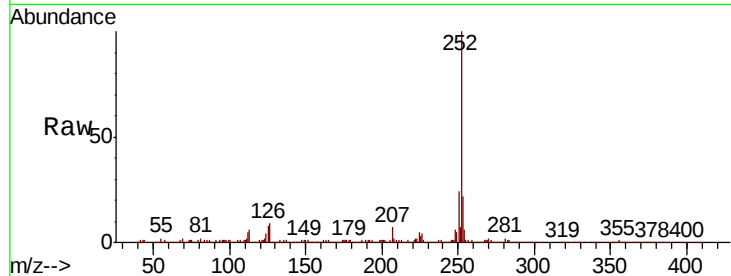
#24
Benzo(b)fluoranthene
Concen: 11.447 ng/ul
RT: 23.69 min Scan# 3507
Delta R.T. 0.01 min
Lab File: BG046396.D
Acq: 21 Aug 2020 3:19

Instrument :
BNA_G
ClientSampleId :
BFMH0

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	7.7	6.4	9.6

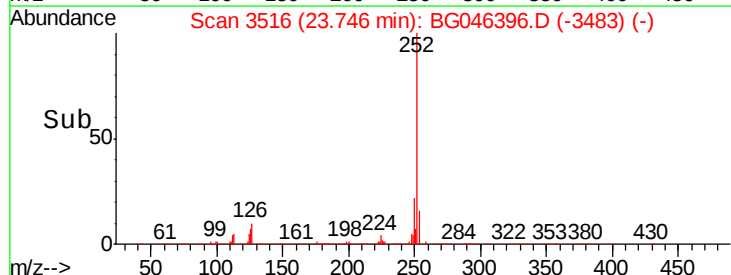
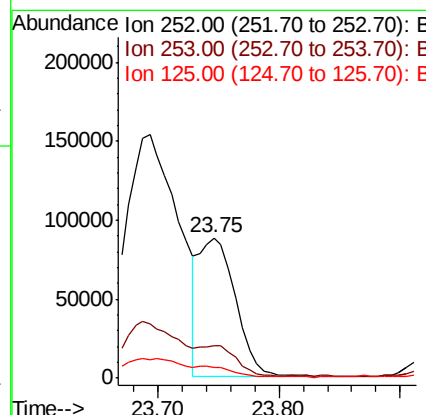
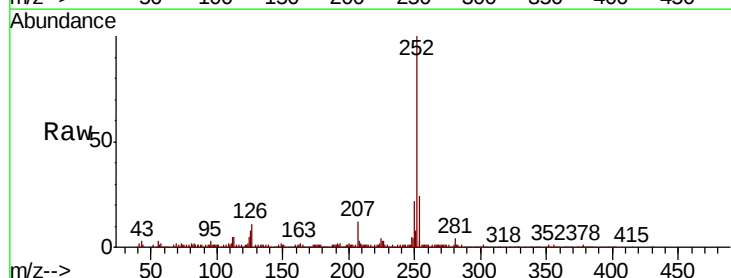
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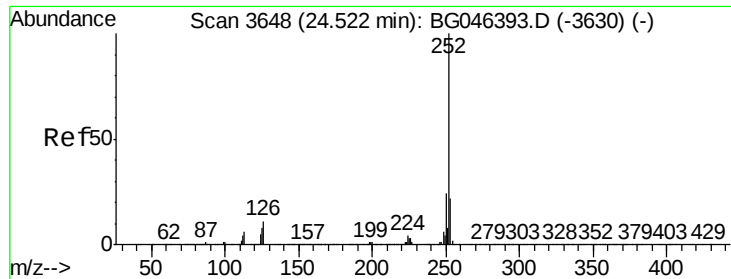
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#25
Benzo(k)fluoranthene
Concen: 4.363 ng/ul m
RT: 23.75 min Scan# 3516
Delta R.T. -0.01 min
Lab File: BG046396.D
Acq: 21 Aug 2020 3:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.5	27.7
125	7.6	6.2	9.2





#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

Instrument :

BNA_G

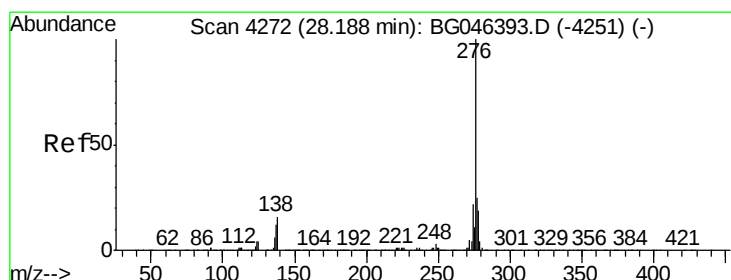
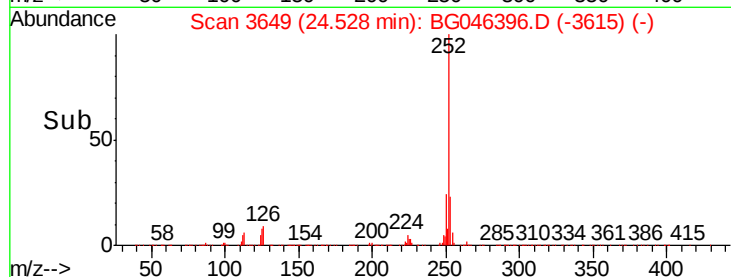
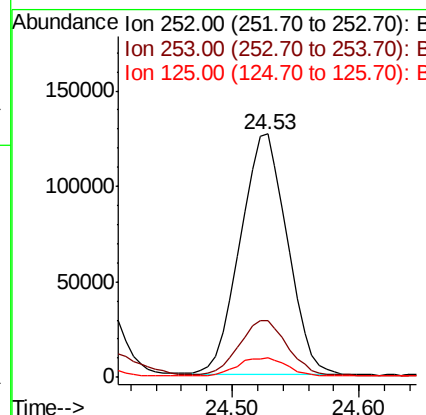
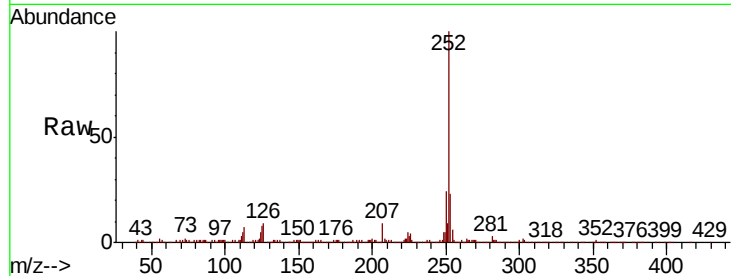
ClientSampleId :

BFMH0

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

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#28

Indeno(1,2,3-cd)pyrene

Concen: 4.546 ng/ul

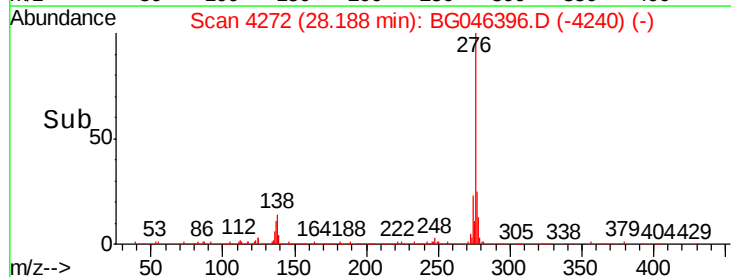
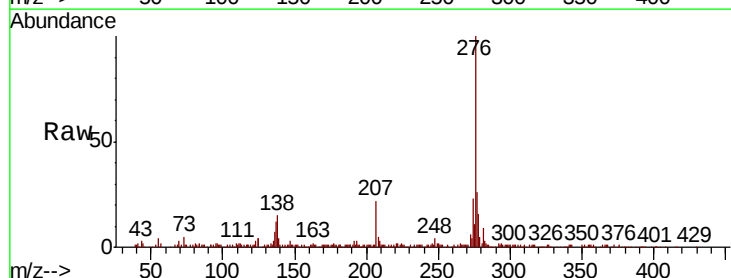
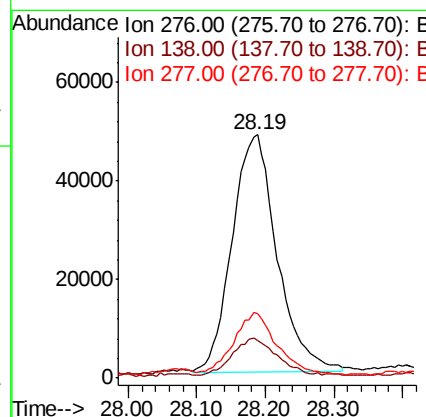
RT: 28.19 min Scan# 4272

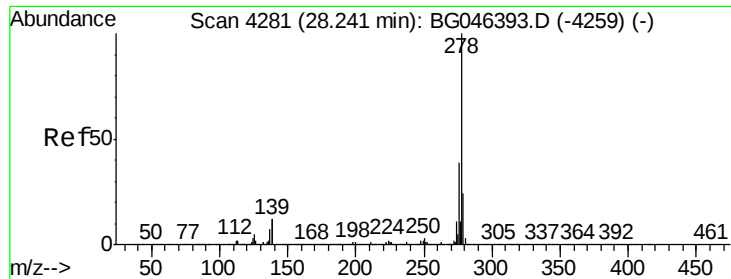
Delta R.T. -0.01 min

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





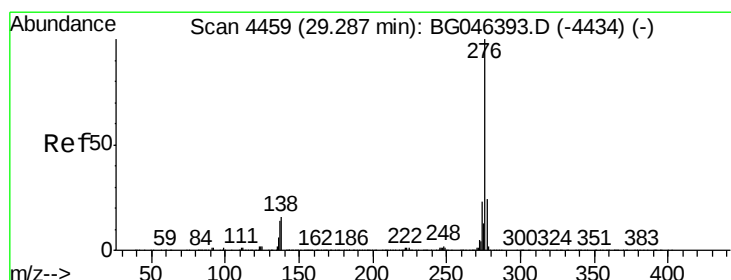
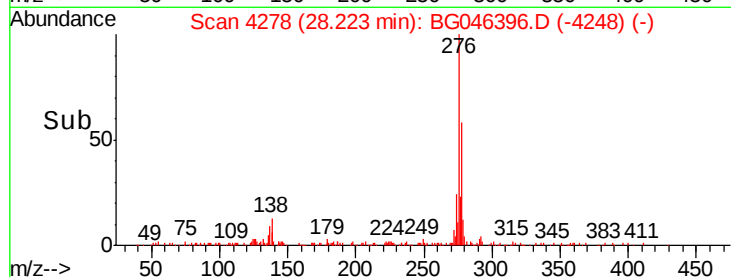
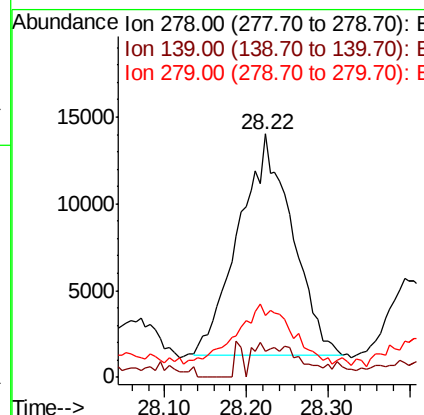
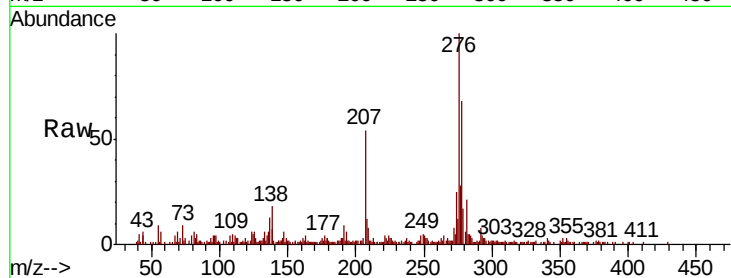
#29
Dibenzo(a,h)anthracene
Concen: 1.477 ng/ul m
RT: 28.22 min Scan# 4278
Delta R.T. -0.02 min
Lab File: BG046396.D
Acq: 21 Aug 2020 3:19

Instrument :
BNA_G
ClientSampleId :
BFMH0

Tot Ion	Ratio	Lower	Upper
278	100		
139	10.6	9.8	14.8
279	25.5	19.7	29.5

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#30
Benzo(g,h,i)perylene
Concen: 4.978 ng/ul m
RT: 29.27 min Scan# 4456
Delta R.T. -0.02 min
Lab File: BG046396.D
Acq: 21 Aug 2020 3:19

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.3	12.9	19.3
277	24.9	19.4	29.0

