

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

Manual Integrations
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Quant Time: Aug 21 04:54:51 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	23.74	252	105044m	2.605	ng/ul	
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

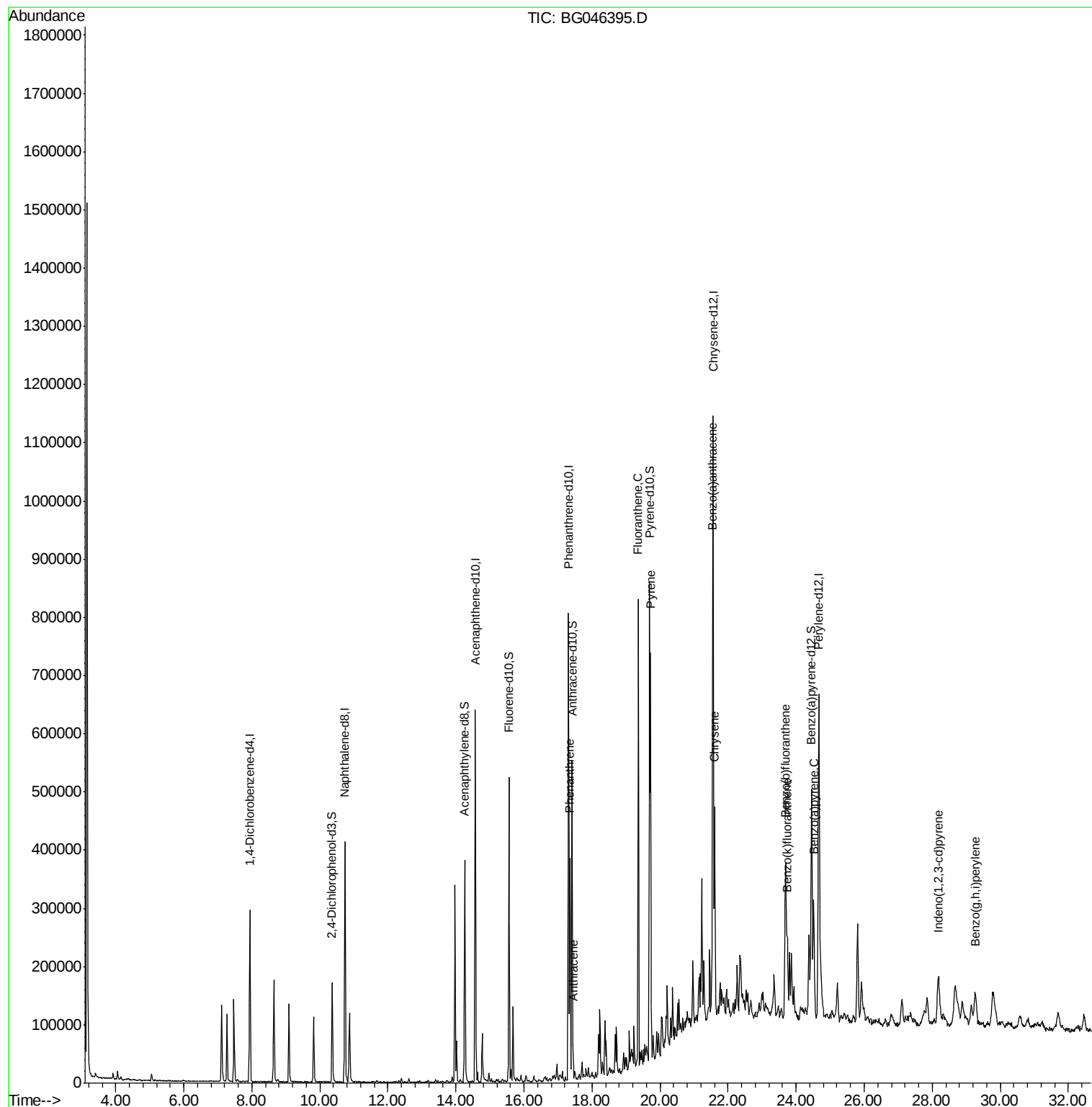
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046395.D
Acq On : 21 Aug 2020 2:39
Operator : CG/JU
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Misc :
ALS Vial : 59 Sample Multiplier: 1

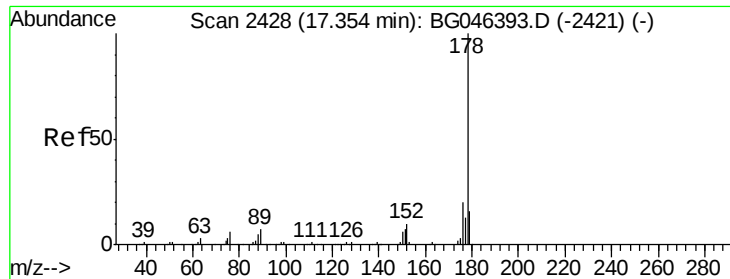
Instrument :
BNA_G
ClientSampleId :
BFMG7

Quant Time: Aug 21 04:54:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
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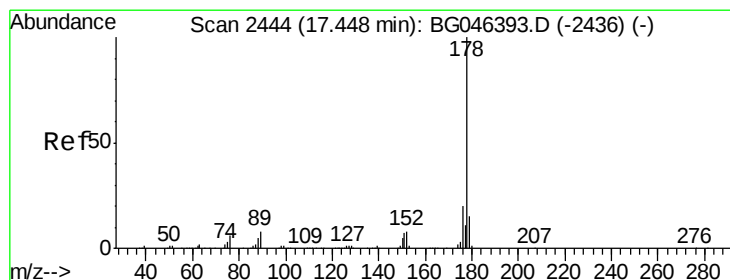
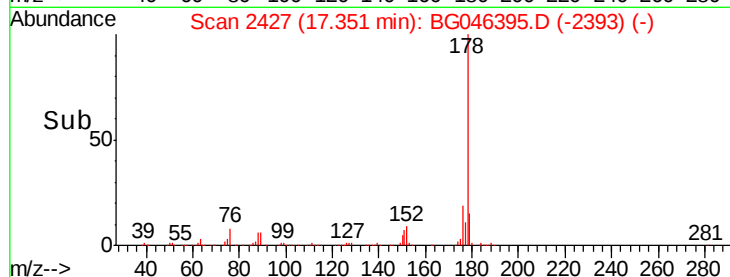
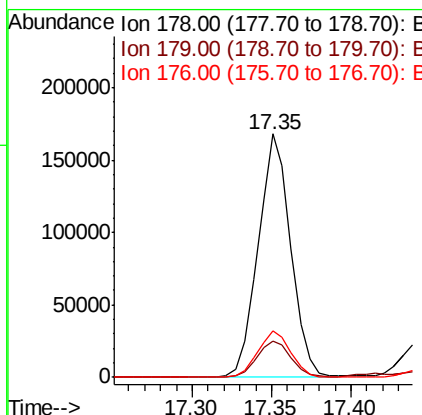
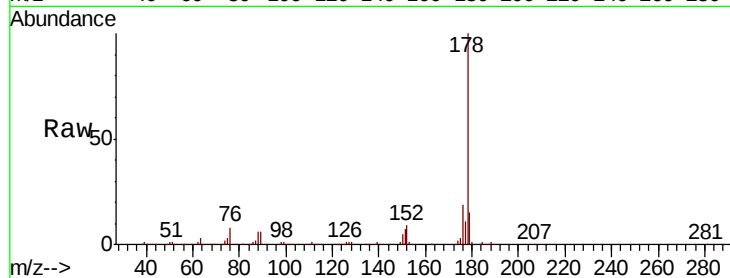
#14
Phenanthrene
Concen: 8.486 ng/ul
RT: 17.35 min Scan# 2427
Delta R.T. -0.00 min
Lab File: BG046395.D
Acq: 21 Aug 2020 2:39

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

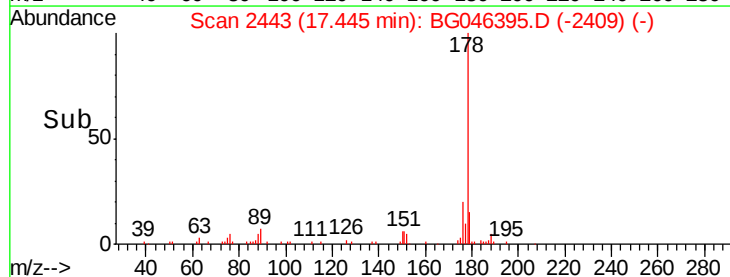
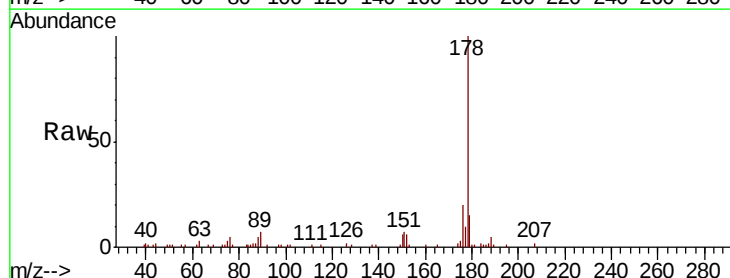
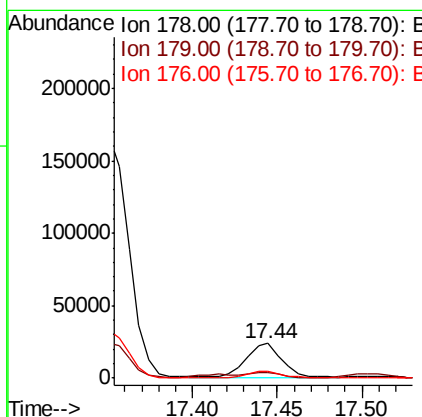
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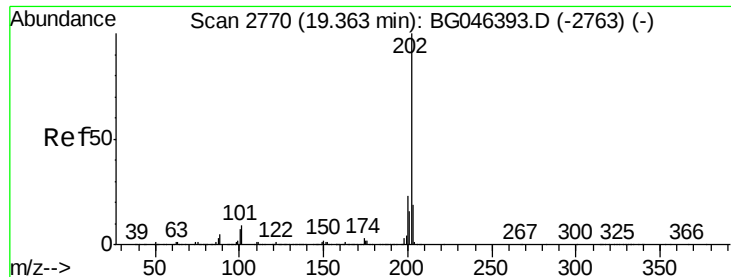
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#16
Anthracene
Concen: 1.292 ng/ul
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG046395.D
Acq: 21 Aug 2020 2:39

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





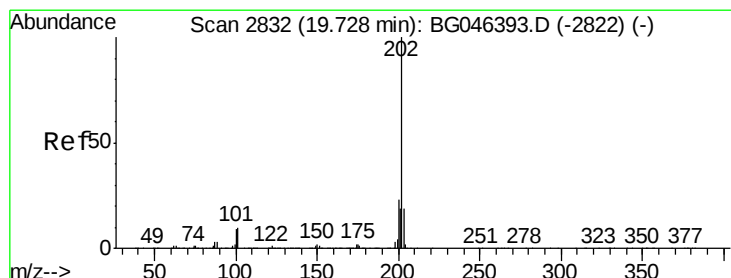
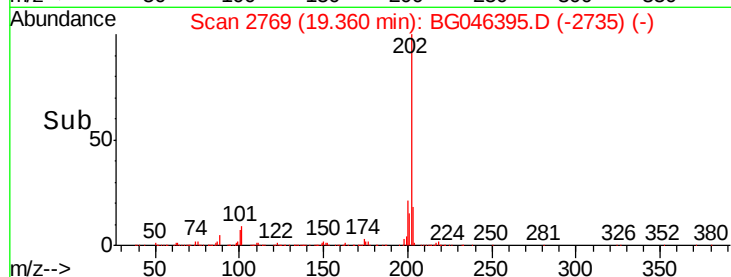
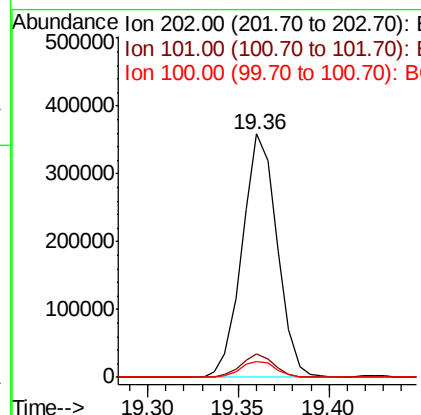
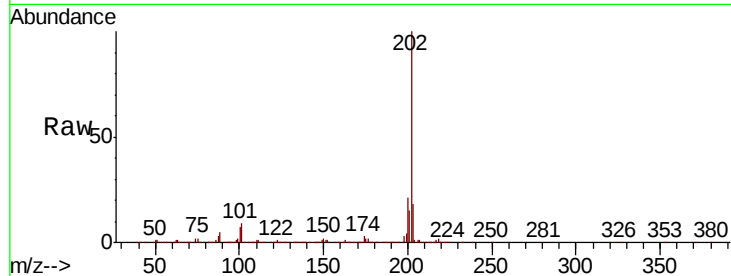
#17
Fluoranthene
 Concen: 15.199 ng/ul
 RT: 19.36 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: BG046395.D
 Acq: 21 Aug 2020 2:39

Instrument :
 BNA_G
 ClientSampleId :
 BFMG7

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

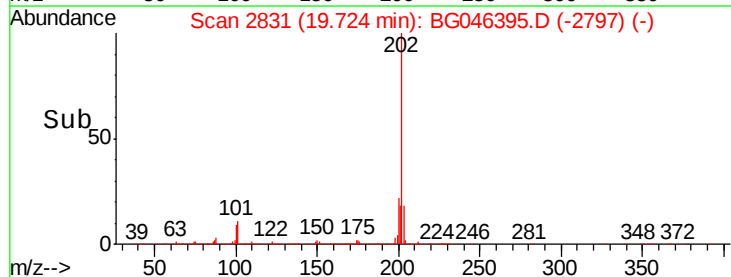
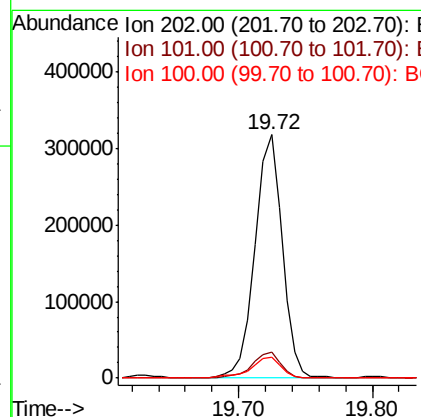
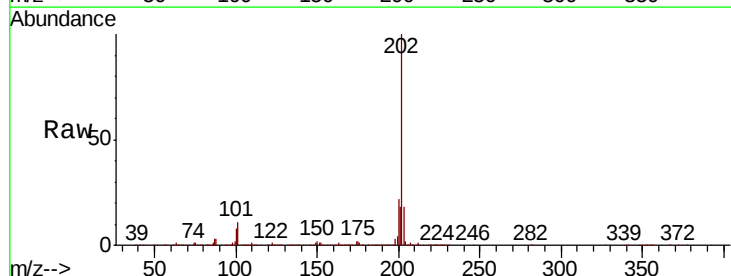
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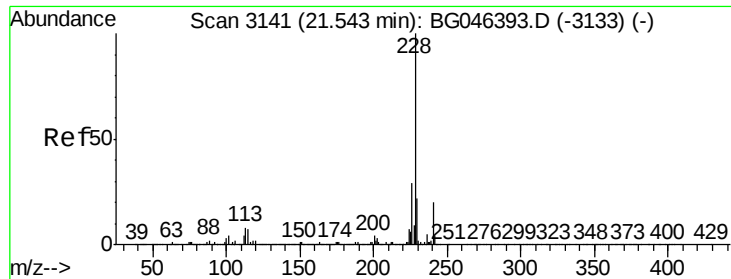
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#20
Pyrene
 Concen: 12.222 ng/ul
 RT: 19.72 min Scan# 2831
 Delta R.T. -0.00 min
 Lab File: BG046395.D
 Acq: 21 Aug 2020 2:39

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





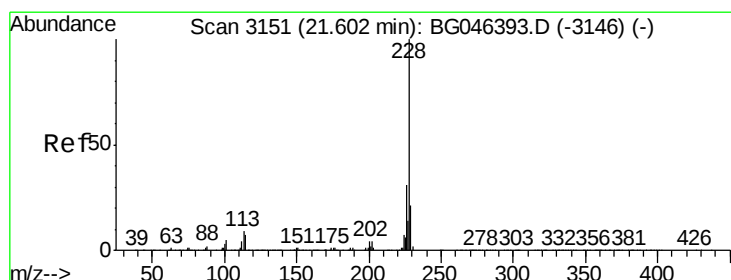
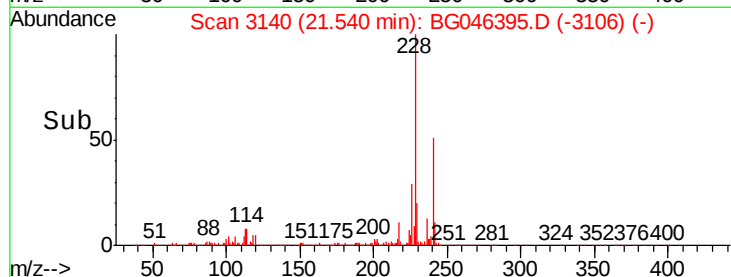
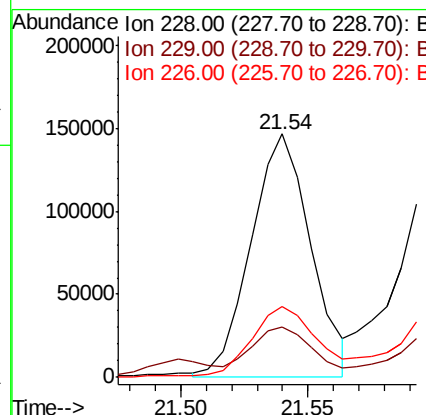
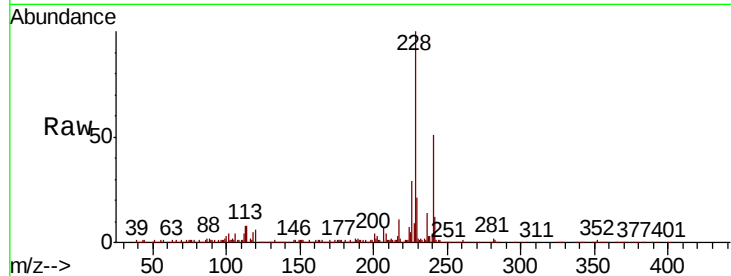
#21
Benzo(a)anthracene
Concen: 6.630 ng/ul
RT: 21.54 min Scan# 3140
Delta R.T. -0.00 min
Lab File: BG046395.D
Acq: 21 Aug 2020 2:39

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

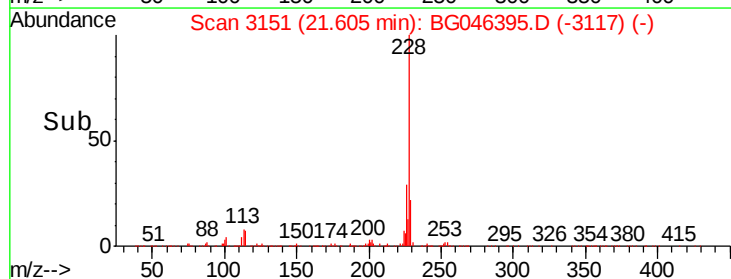
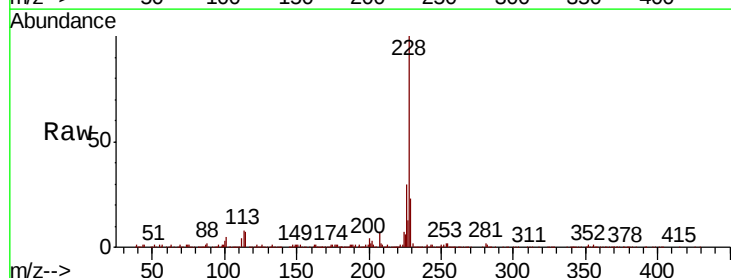
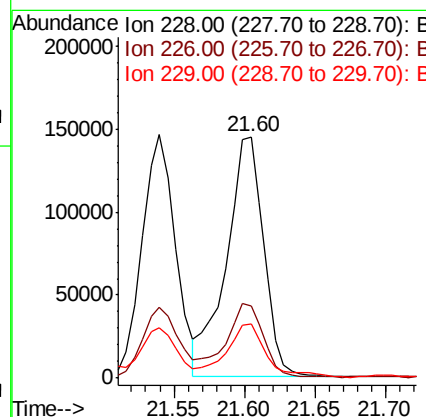
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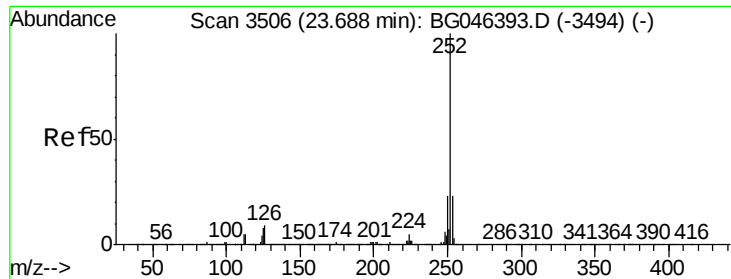
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#22
Chrysene
Concen: 7.653 ng/ul
RT: 21.60 min Scan# 3151
Delta R.T. -0.00 min
Lab File: BG046395.D
Acq: 21 Aug 2020 2:39

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





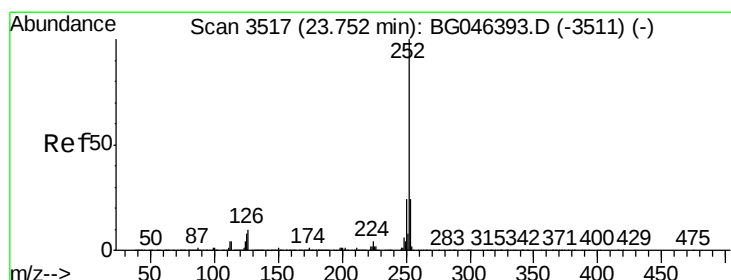
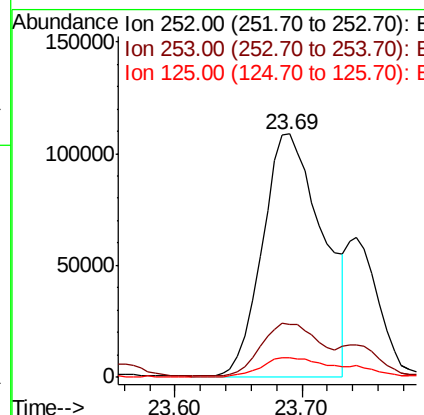
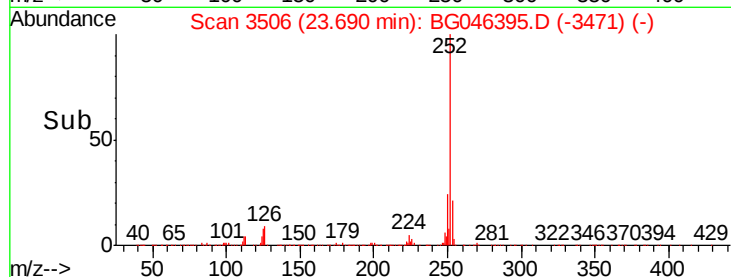
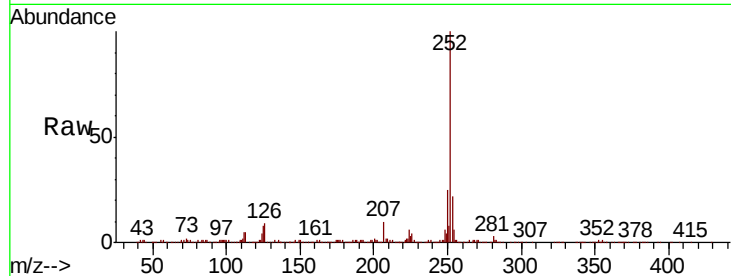
#24
Benzo(b)fluoranthene
Concen: 8.781 ng/ul
RT: 23.69 min Scan# 3506
Delta R.T. 0.00 min
Lab File: BG046395.D
Acq: 21 Aug 2020 2:39

Instrument :
BNA_G
ClientSampled :
BFMG7

Tot Ion	Ratio	Resp	Lower	Upper
252	100	356929		
253	21.9		17.8	26.6
125	7.9		6.4	9.6

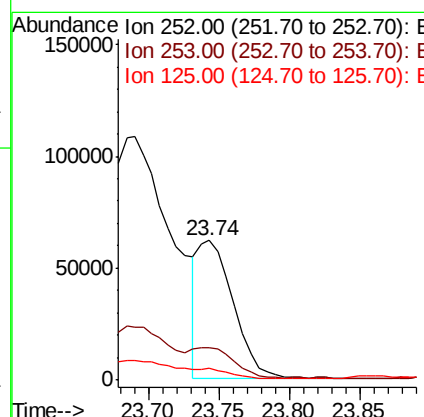
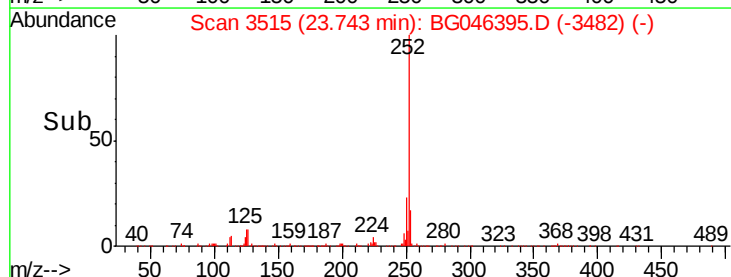
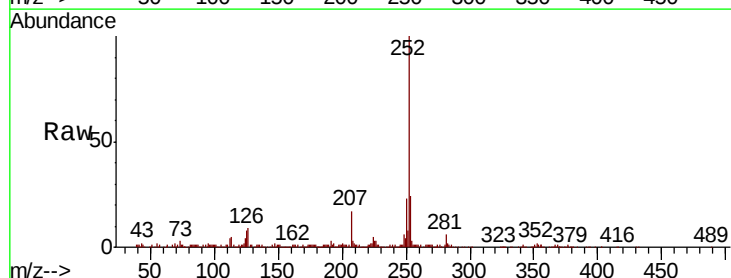
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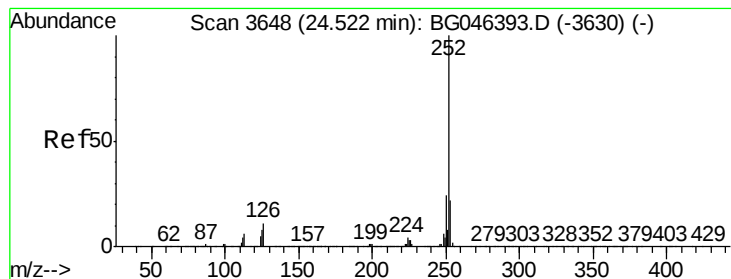
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#25
Benzo(k)fluoranthene
Concen: 2.605 ng/ul m
RT: 23.74 min Scan# 3515
Delta R.T. -0.01 min
Lab File: BG046395.D
Acq: 21 Aug 2020 2:39

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	105044		
253	23.6		18.5	27.7
125	8.1		6.2	9.2





#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

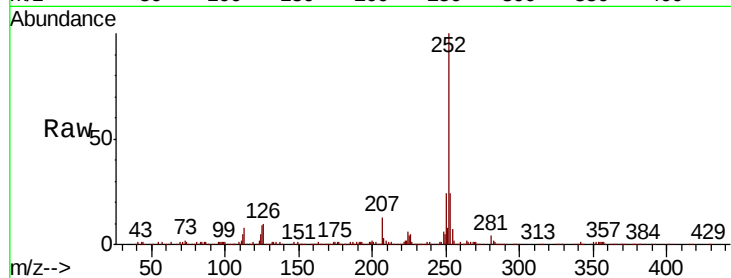
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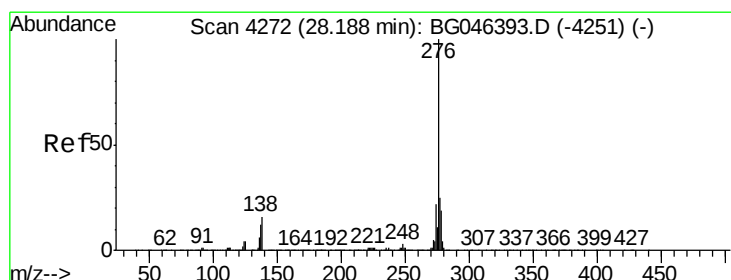
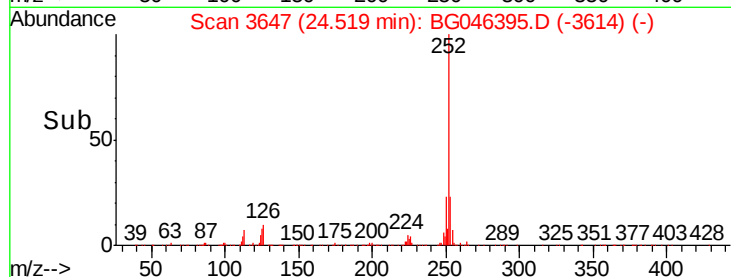
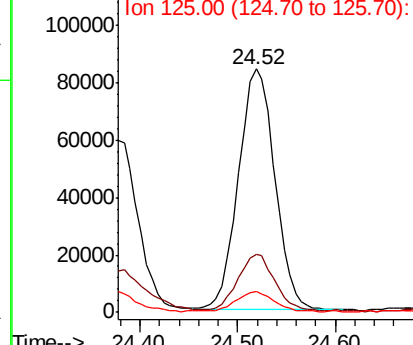
Tot Ion:	252	Resp:	218642
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.8	26.8
125	8.8	7.1	10.7

Manual Integrations
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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

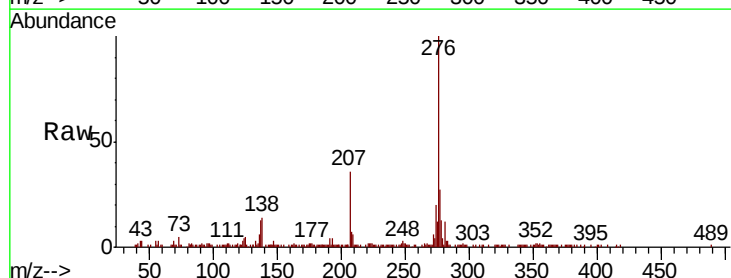
RT: 28.17 min Scan# 4269

Delta R.T. -0.03 min

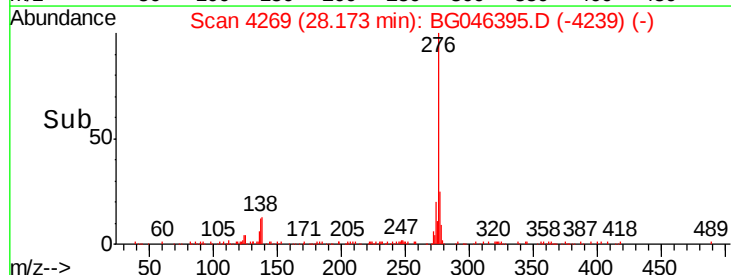
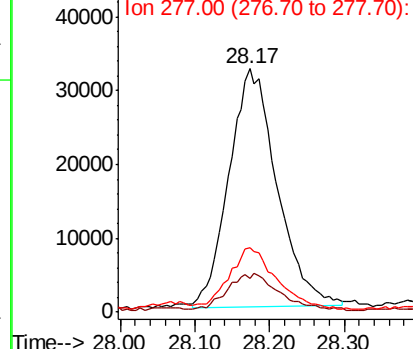
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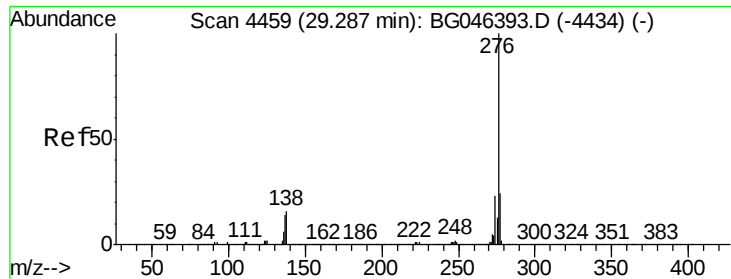
Acq: 21 Aug 2020 2:39

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

Acq: 21 Aug 2020 2:39

Instrument :

BNA_G

ClientSampleId :

BFMG7

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

Manual Integrations
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