

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
 Data File : BG046255.D
 Acq On : 13 Aug 2020 19:01
 Operator : CG/JU
 Sample : L3629-19
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFM66

Manual Integrations
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Quant Time: Aug 14 05:35:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 13 13:50:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	84666	20.00	ng/ul	0.00
2) Naphthalene-d8	10.74	136	348493	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	225200	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.32	188	500146	20.00	ng/ul	0.00
18) Chrysene-d12	21.56	240	501030	20.00	ng/ul	0.00
23) Perylene-d12	24.67	264	528821	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.37	165	81650	13.61	ng/ul	0.00
7) Acenaphthylene-d8	14.27	160	314980	15.20	ng/ul	0.00
10) Fluorene-d10	15.57	176	245153	15.44	ng/ul	0.00
15) Anthracene-d10	17.41	188	354578	15.29	ng/ul	0.00
19) Pyrene-d10	19.70	212	417991	16.21	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.46	264	439044	15.21	ng/ul	0.00
Target Compounds						
					Qvalue	
14) Phenanthrene	17.36	178	209772	7.624	ng/ul	99
16) Anthracene	17.45	178	32490	1.170	ng/ul	96
17) Fluoranthene	19.37	202	453215	14.772	ng/ul	98
20) Pyrene	19.73	202	420018	12.771	ng/ul	99
21) Benzo(a)anthracene	21.54	228	249809	7.663	ng/ul	98
22) Chrysene	21.61	228	263780	8.370	ng/ul	96
24) Benzo(b)fluoranthene	23.69	252	354440	10.136	ng/ul	96
25) Benzo(k)fluoranthene	23.74	252	130732m	3.769	ng/ul	
27) Benzo(a)pyrene	24.52	252	237845	7.408	ng/ul	98
28) Indeno(1,2,3-cd)pyrene	28.16	276	182630	4.543	ng/ul	99
29) Dibenzo(a,h)anthracene	28.22	278	51121m	1.568	ng/ul	
30) Benzo(a,h,i)perylene	29.26	276	160037	4.757	ng/ul	98

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

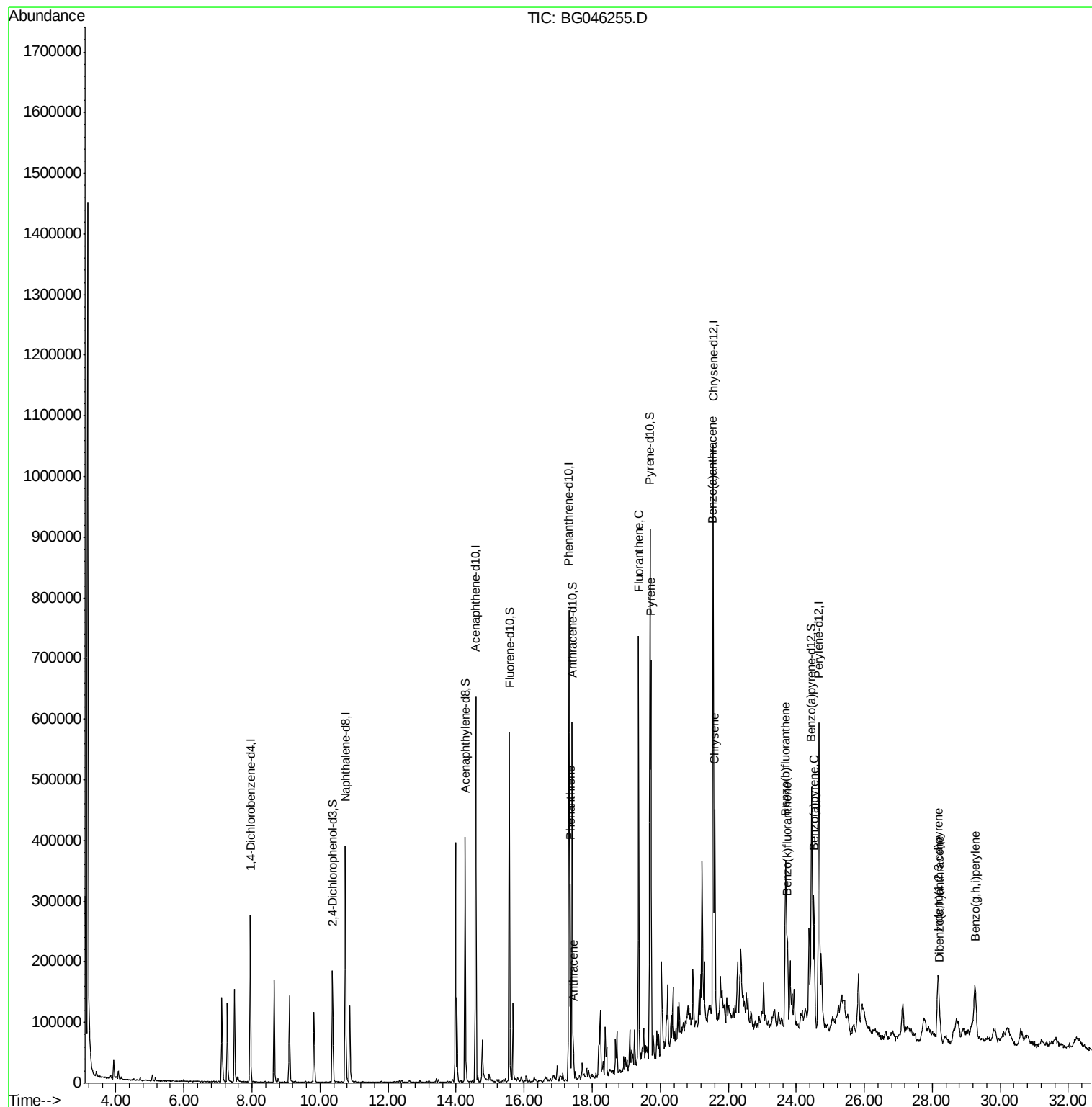
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046255.D
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ALS Vial : 9 Sample Multiplier: 1

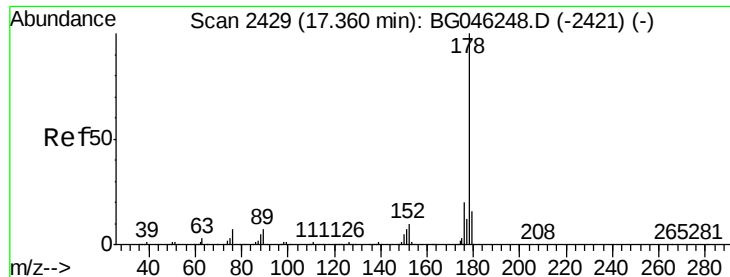
Instrument :
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Quant Time: Aug 14 05:35:40 2020
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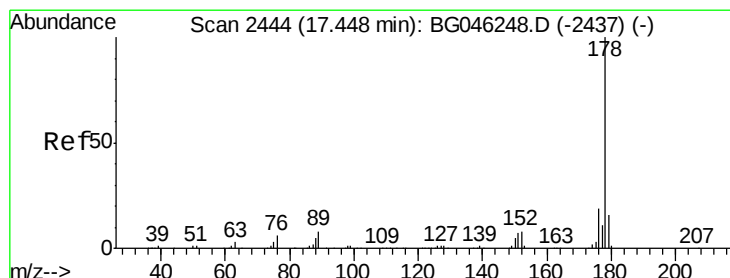
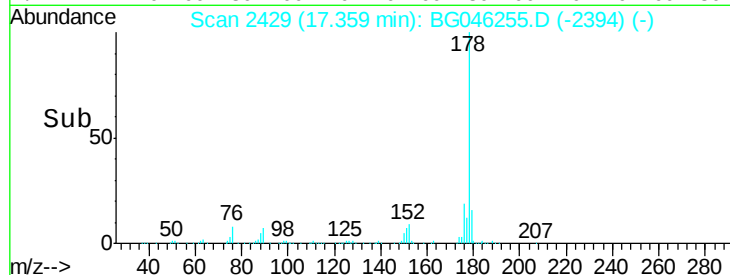
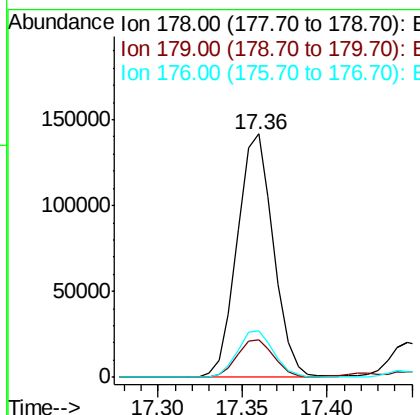
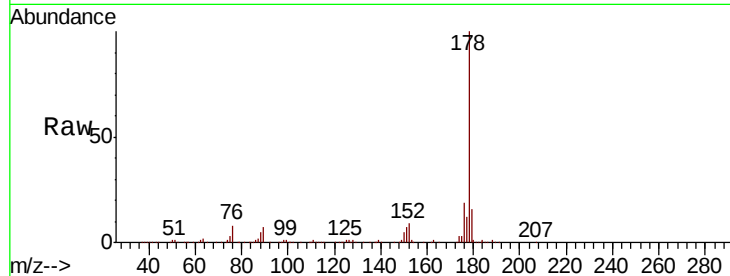
#14
Phenanthrene
Concen: 7.624 ng/ul
RT: 17.36 min Scan# 2429
Delta R.T. 0.00 min
Lab File: BG046255.D
Acq: 13 Aug 2020 19:01

Instrument :
BNA_G
ClientSampleId :
BFM66

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.8	19.2
176	19.0	15.8	23.8

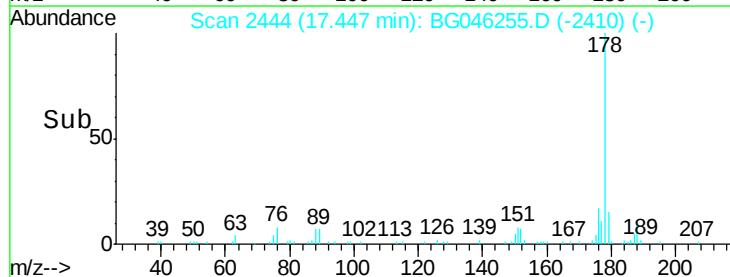
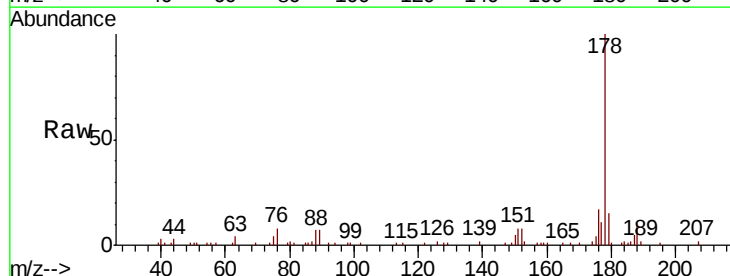
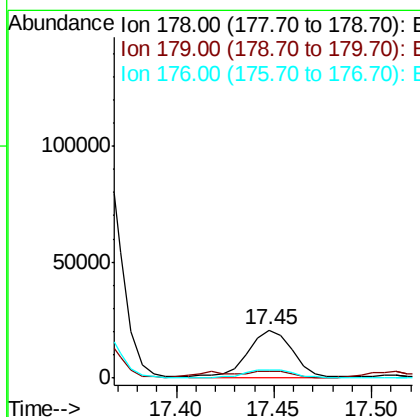
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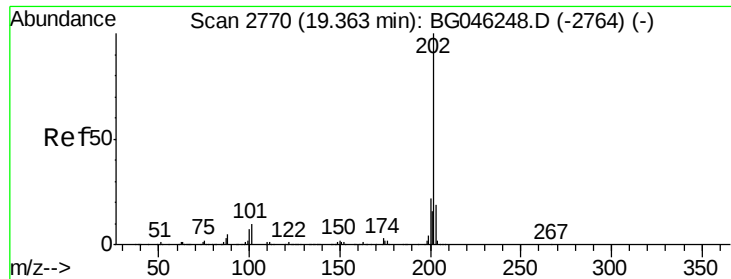
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#16
Anthracene
Concen: 1.170 ng/ul
RT: 17.45 min Scan# 2444
Delta R.T. -0.00 min
Lab File: BG046255.D
Acq: 13 Aug 2020 19:01

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.0	13.2	19.8
176	16.6	15.2	22.8





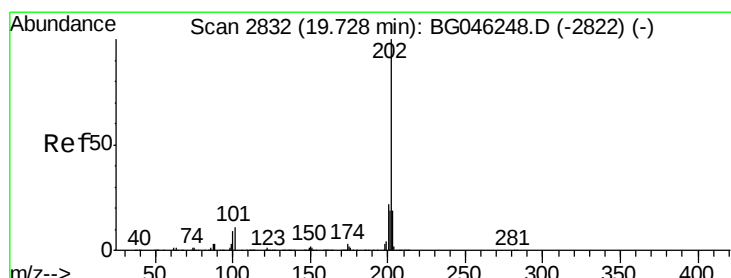
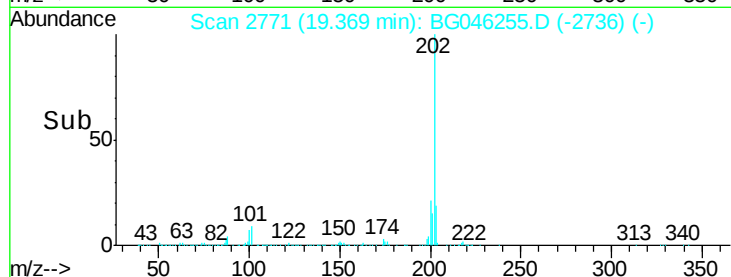
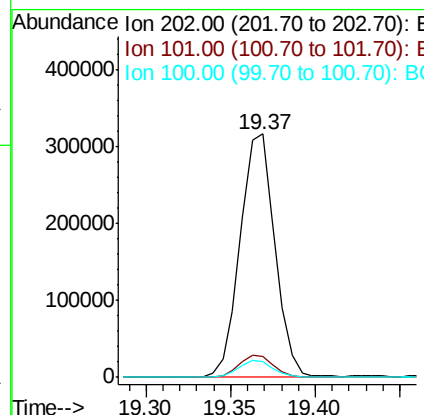
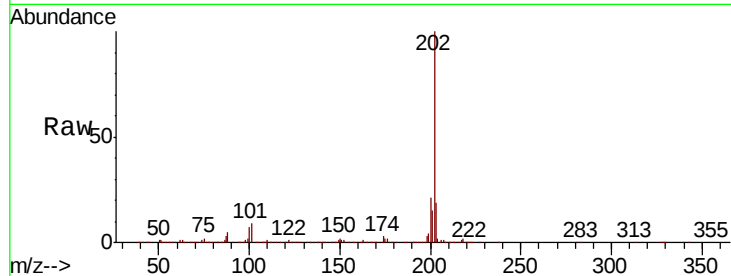
#17
Fluoranthene
 Concen: 14.772 ng/ul
 RT: 19.37 min Scan# 2771
 Delta R.T. 0.00 min
 Lab File: BG046255.D
 Acq: 13 Aug 2020 19:01

Instrument :
 BNA_G
 ClientSampleId :
 BFM66

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		453215		
101	8.8	7.8	11.6		
100	6.6	5.9	8.9		

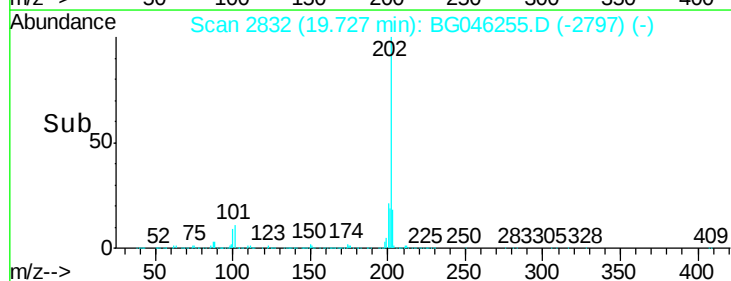
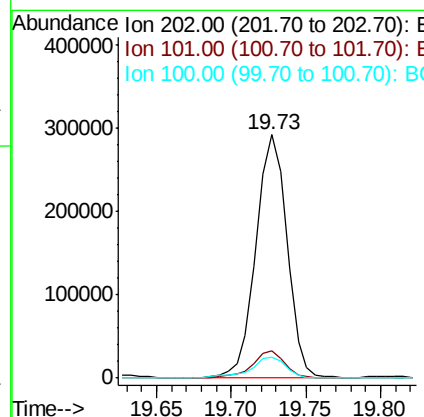
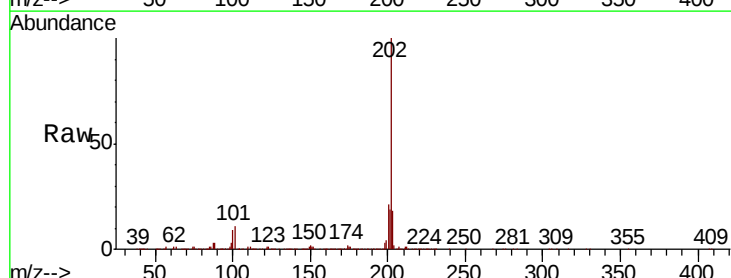
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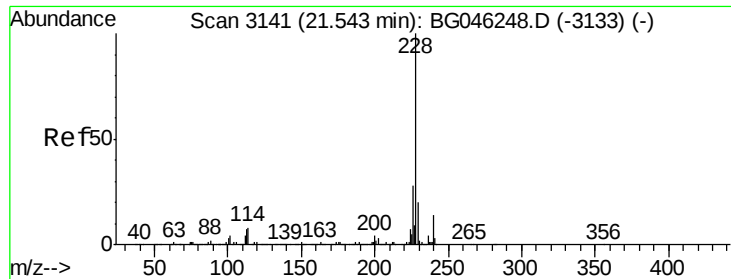
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#20
Pyrene
 Concen: 12.771 ng/ul
 RT: 19.73 min Scan# 2832
 Delta R.T. 0.00 min
 Lab File: BG046255.D
 Acq: 13 Aug 2020 19:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		420018		
101	11.1	8.9	13.3		
100	8.8	7.9	11.9		





#21

Benzo(a)anthracene

Concen: 7.663 ng/ul

RT: 21.54 min Scan# 3141

Delta R.T. -0.00 min

Lab File: BG046255.D

Acq: 13 Aug 2020 19:01

Instrument :

BNA_G

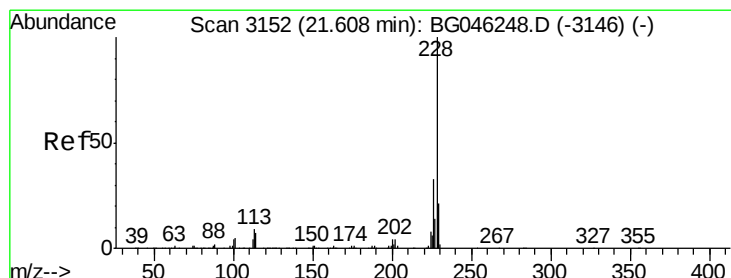
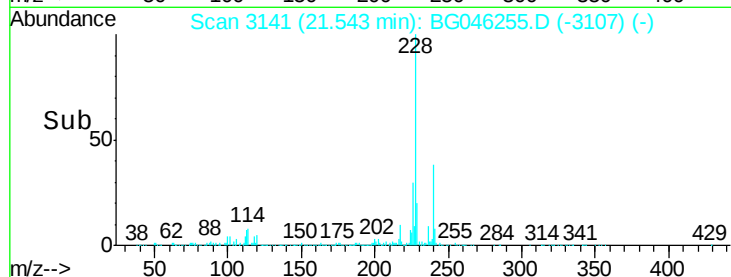
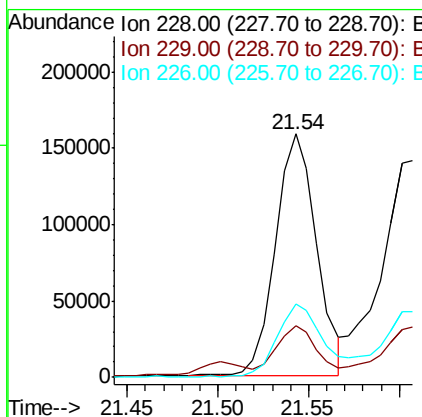
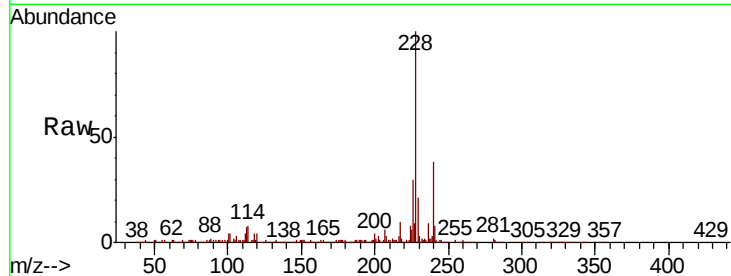
ClientSampleId :

BFM66

Tot Ion:	228	Resp:	249809
Ion Ratio	Lower	Upper	
228	100		
229	21.0	16.6	25.0
226	29.9	22.6	33.8

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#22

Chrysene

Concen: 8.370 ng/ul

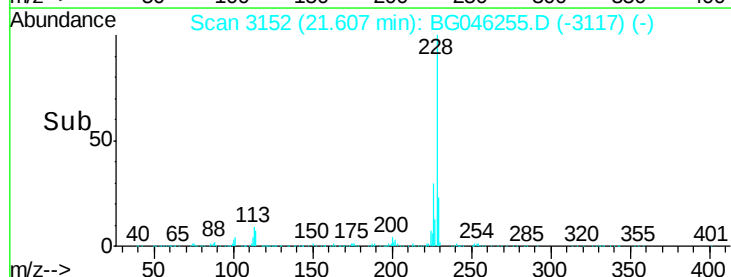
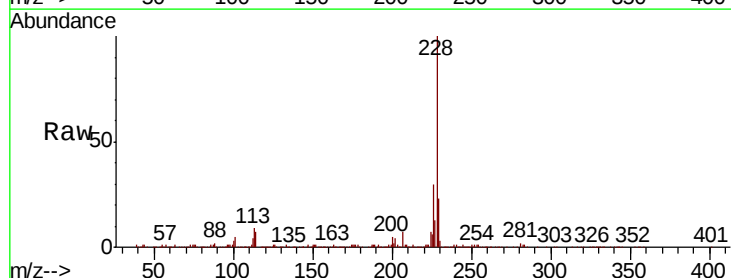
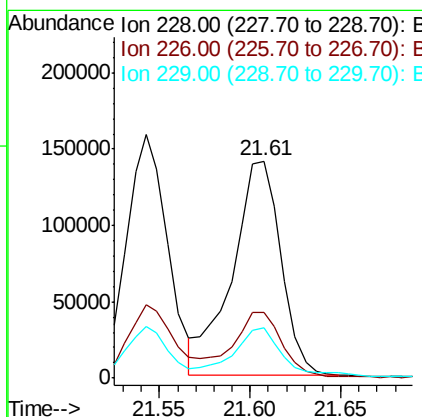
RT: 21.61 min Scan# 3152

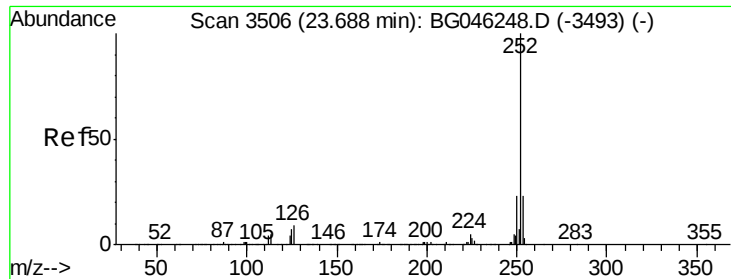
Delta R.T. 0.00 min

Lab File: BG046255.D

Acq: 13 Aug 2020 19:01

Tgt Ion:	228	Resp:	263780
Ion Ratio	Lower	Upper	
228	100		
226	30.2	25.5	38.3
229	23.4	17.0	25.4





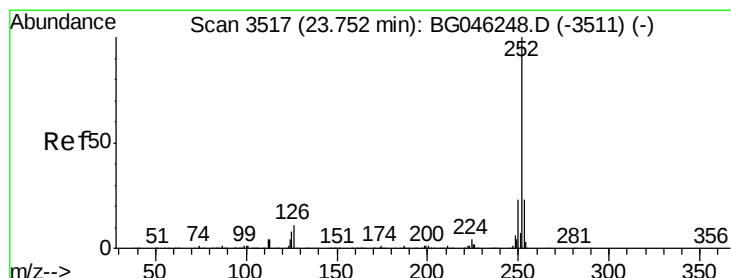
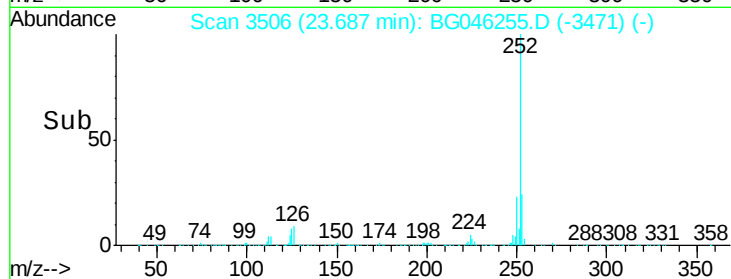
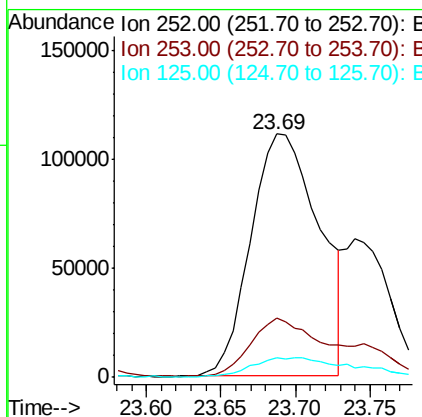
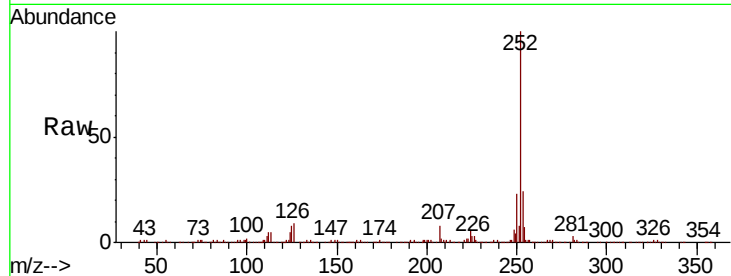
#24
Benzo(b)fluoranthene
Concen: 10.136 ng/ul
RT: 23.69 min Scan# 3506
Delta R.T. 0.00 min
Lab File: BG046255.D
Acq: 13 Aug 2020 19:01

Instrument :
BNA_G
ClientSampleId :
BFM66

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.8	26.6
125	8.3	6.4	9.6

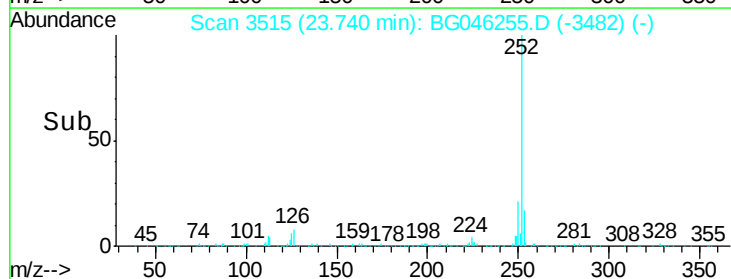
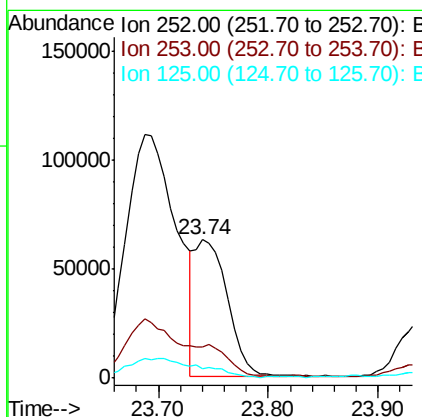
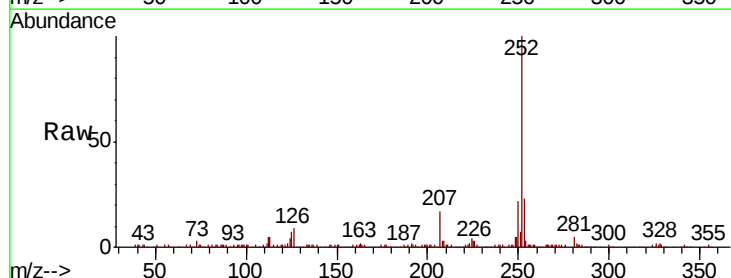
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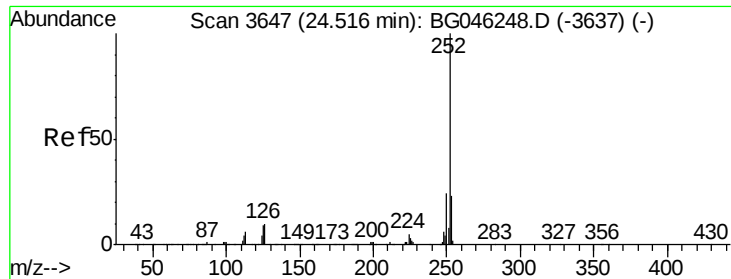
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#25
Benzo(k)fluoranthene
Concen: 3.769 ng/ul m
RT: 23.74 min Scan# 3515
Delta R.T. -0.01 min
Lab File: BG046255.D
Acq: 13 Aug 2020 19:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.5	27.7
125	6.8	6.2	9.2





#27

Benzo(a)pyrene

Concen: 7.408 ng/ul

RT: 24.52 min Scan# 3648

Delta R.T. -0.00 min

Lab File: BG046255.D

Acq: 13 Aug 2020 19:01

Instrument :

BNA_G

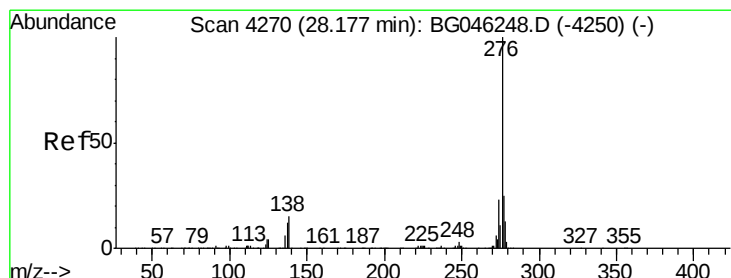
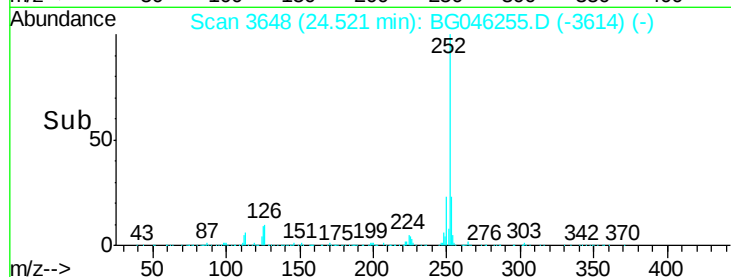
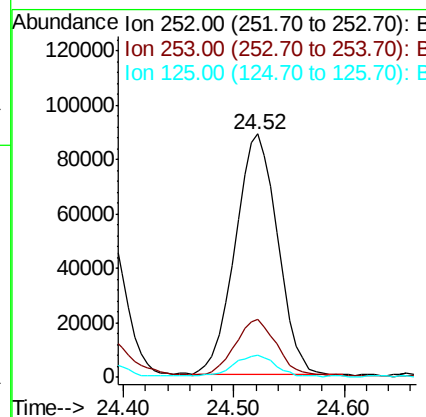
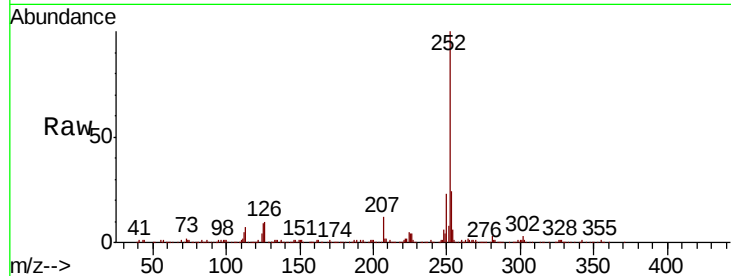
ClientSampled :

BFM66

Tot Ion:	252	Resp:	237845
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.8	26.8
125	9.0	7.1	10.7

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#28

Indeno(1,2,3-cd)pyrene

Concen: 4.543 ng/ul

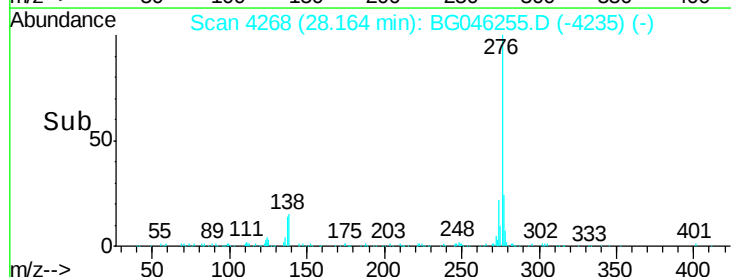
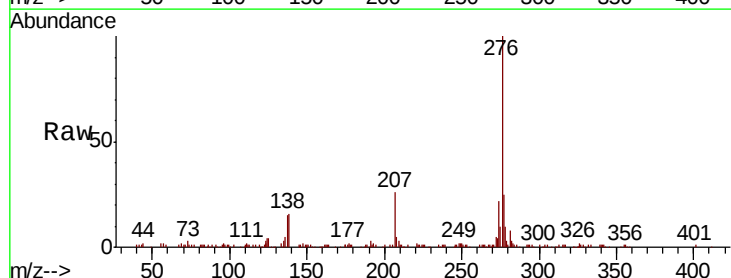
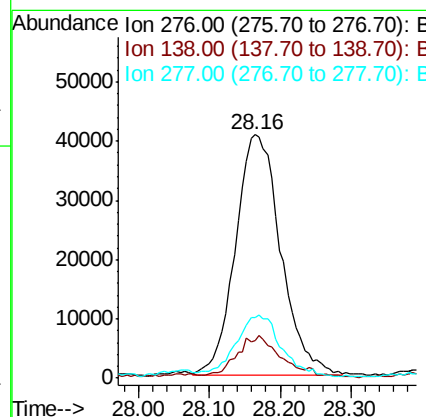
RT: 28.16 min Scan# 4268

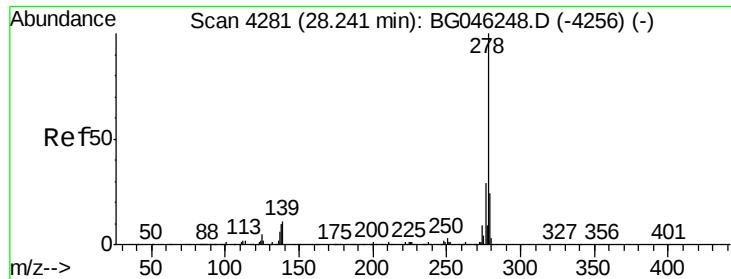
Delta R.T. -0.01 min

Lab File: BG046255.D

Acq: 13 Aug 2020 19:01

Tgt Ion:	276	Resp:	182630
Ion Ratio	Lower	Upper	
276	100		
138	15.6	13.2	19.8
277	24.9	19.9	29.9





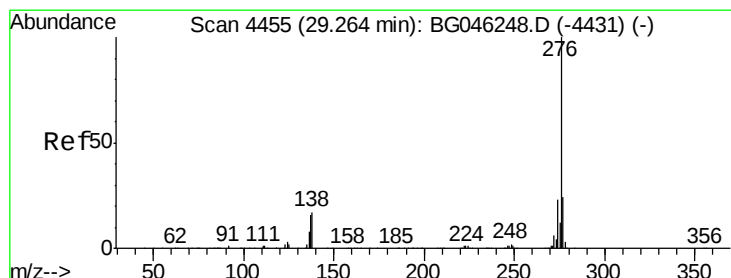
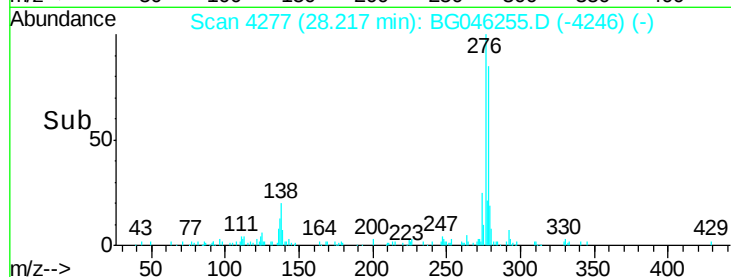
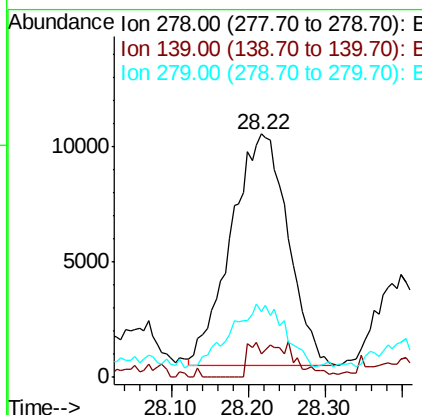
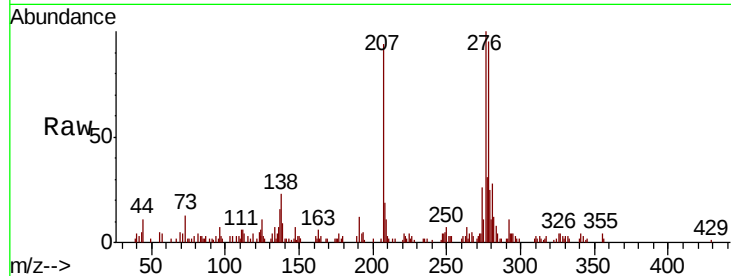
#29
Dibenzo(a,h)anthracene
Concen: 1.568 ng/ul m
RT: 28.22 min Scan# 4277
Delta R.T. -0.02 min
Lab File: BG046255.D
Acq: 13 Aug 2020 19:01

Instrument :
BNA_G
ClientSampled :
BFM66

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.5	9.8	14.8#
279	26.8	19.7	29.5

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#30
Benzo(g,h,i)perylene
Concen: 4.757 ng/ul
RT: 29.26 min Scan# 4454
Delta R.T. -0.01 min
Lab File: BG046255.D
Acq: 13 Aug 2020 19:01

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.0	12.9	19.3
277	23.6	19.4	29.0

