

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
 Data File : BG046267.D
 Acq On : 14 Aug 2020 3:46
 Operator : CG/JU
 Sample : L3629-11
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFM58

Manual Integrations
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Quant Time: Aug 14 13:05:13 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	120630	20.00	ng/ul	0.00
2) Naphthalene-d8	10.75	136	473764	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	301629	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.32	188	669270	20.00	ng/ul	0.00
18) Chrysene-d12	21.56	240	674687	20.00	ng/ul	0.00
23) Perylene-d12	24.67	264	716346	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.37	165	93098	11.41	ng/ul	0.00
7) Acenaphthylene-d8	14.27	160	350684	12.63	ng/ul	0.00
10) Fluorene-d10	15.57	176	265436	12.48	ng/ul	0.00
15) Anthracene-d10	17.41	188	383329	12.36	ng/ul	0.00
19) Pyrene-d10	19.70	212	431698	12.43	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.46	264	459529	11.76	ng/ul	0.00
Target Compounds				Qvalue		
14) Phenanthrene	17.36	178	142202	3.862	ng/ul	99
17) Fluoranthene	19.37	202	362694	8.834	ng/ul	97
20) Pyrene	19.73	202	329684	7.444	ng/ul	99
21) Benzo(a)anthracene	21.54	228	184647	4.206	ng/ul	98
22) Chrysene	21.61	228	198146	4.669	ng/ul	99
24) Benzo(b)fluoranthene	23.69	252	286609	6.050	ng/ul	98
25) Benzo(k)fluoranthene	23.75	252	112450m	2.393	ng/ul	
27) Benzo(a)pyrene	24.52	252	179684	4.132	ng/ul	99
28) Indeno(1,2,3-cd)pyrene	28.18	276	140224	2.575	ng/ul	97
30) Benzo(g,h,i)perylene	29.27	276	119242	2.617	ng/ul	95

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

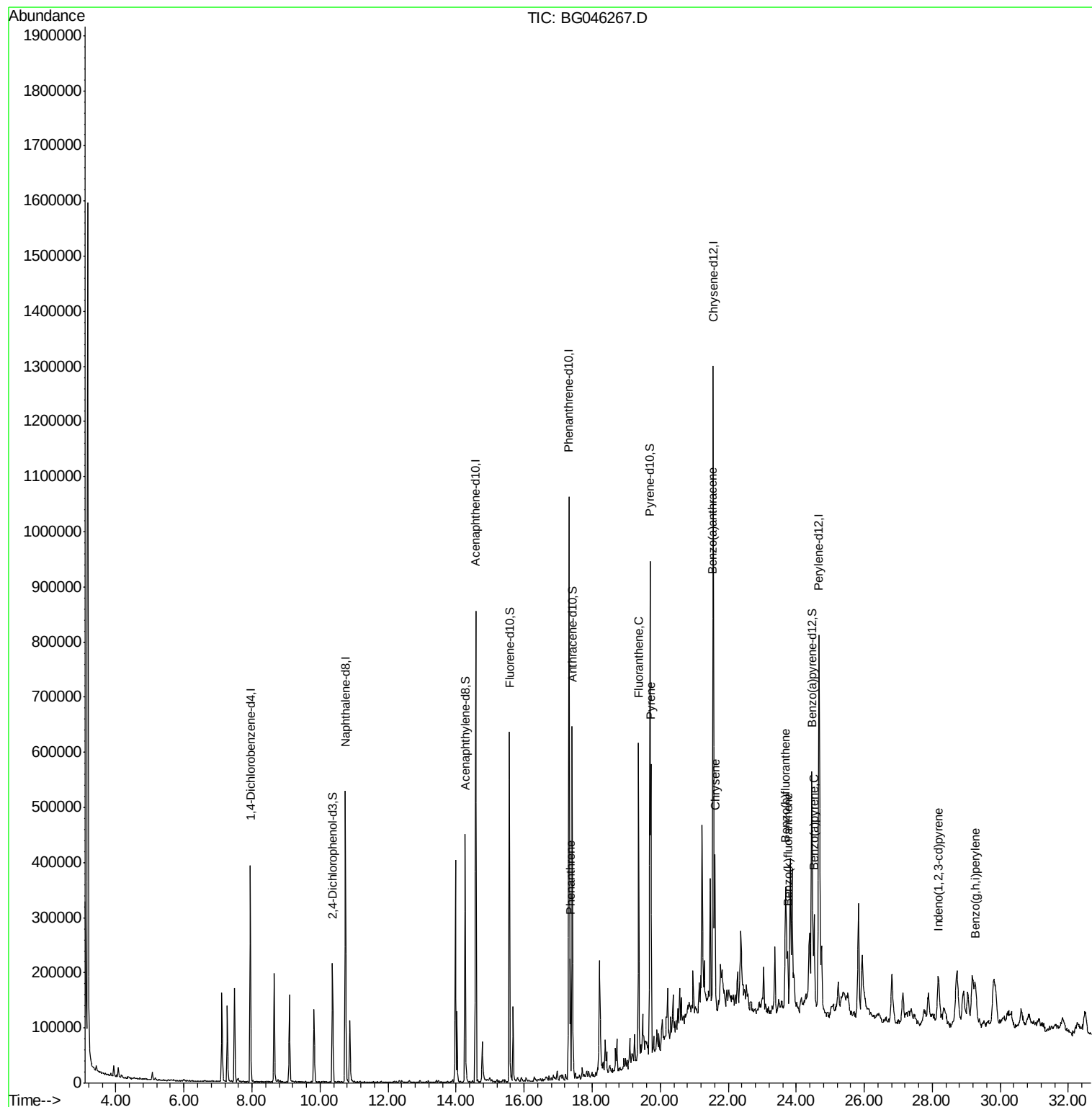
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046267.D
Acq On : 14 Aug 2020 3:46
Operator : CG/JU
Sample : L3629-11
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ALS Vial : 21 Sample Multiplier: 1

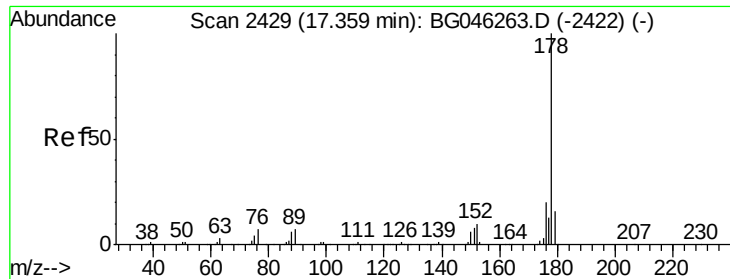
Instrument :
BNA_G
ClientSampleId :
BFM58

Quant Time: Aug 14 13:05:13 2020
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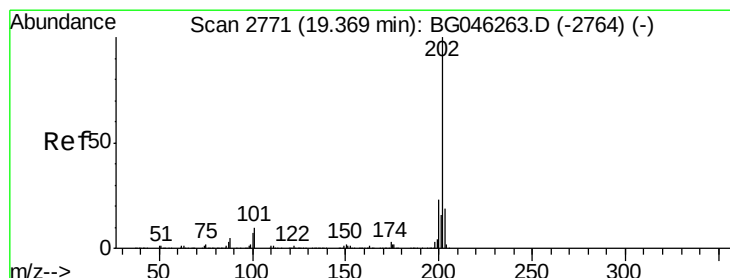
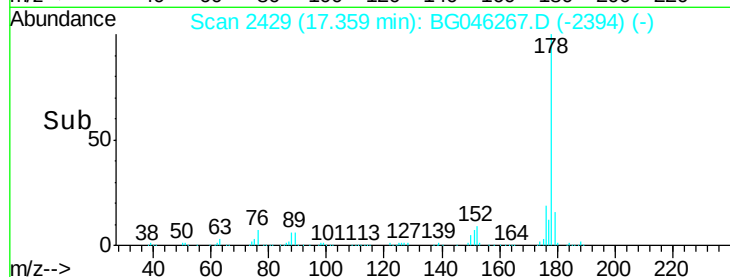
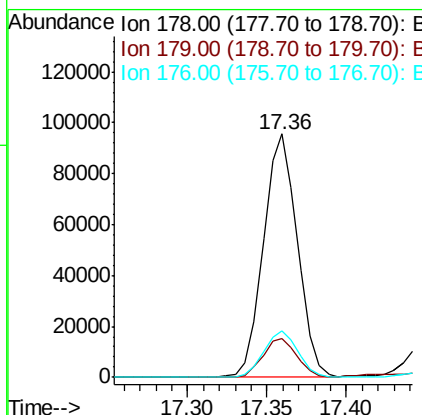
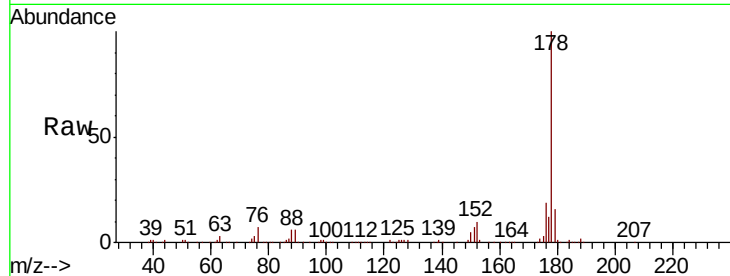
#14
Phenanthrene
Concen: 3.862 ng/ul
RT: 17.36 min Scan# 2429
Delta R.T. 0.00 min
Lab File: BG046267.D
Acq: 14 Aug 2020 3:46

Instrument :
BNA_G
ClientSampleId :
BFM58

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.8	19.2
176	19.3	15.8	23.8

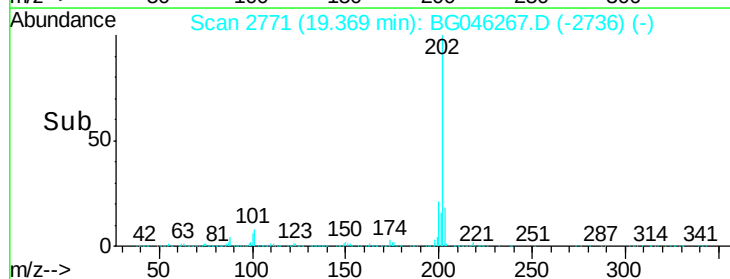
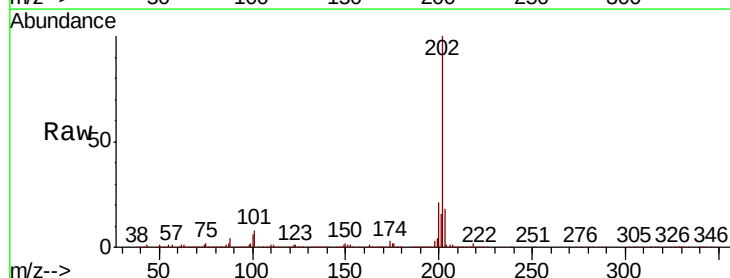
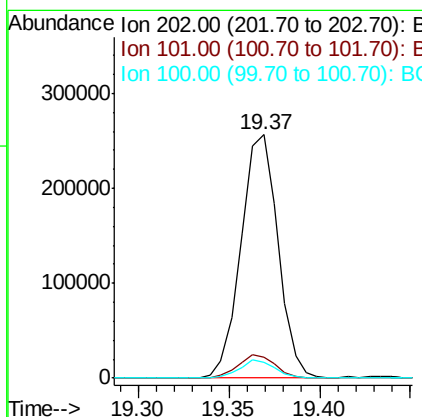
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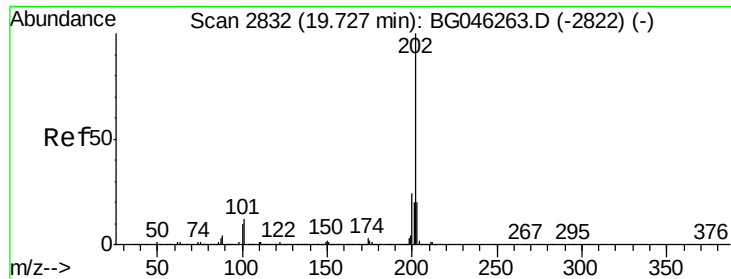
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#17
Fluoranthene
Concen: 8.834 ng/ul
RT: 19.37 min Scan# 2771
Delta R.T. 0.00 min
Lab File: BG046267.D
Acq: 14 Aug 2020 3:46

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.4	7.8	11.6
100	6.3	5.9	8.9





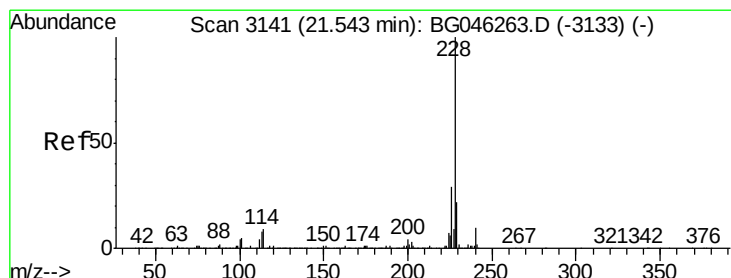
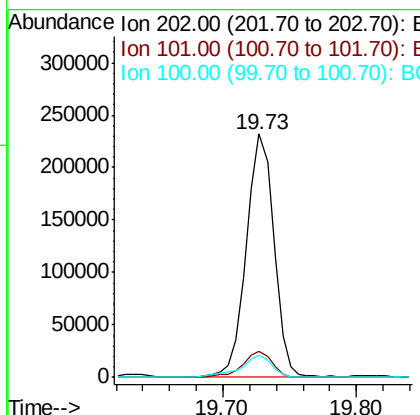
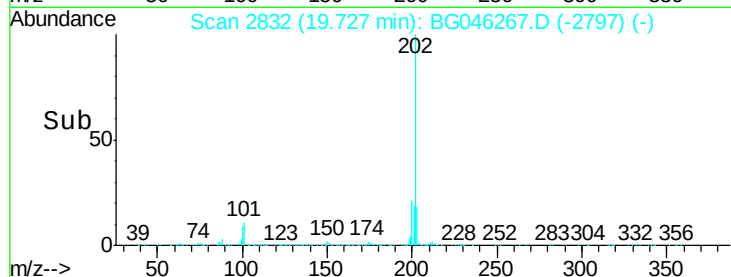
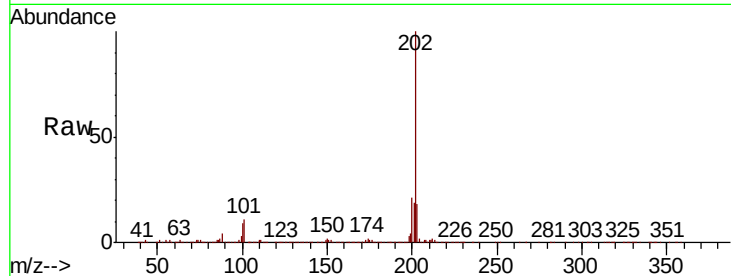
#20
Pvrene
Concen: 7.444 ng/ul
RT: 19.73 min Scan# 2832
Delta R.T. 0.00 min
Lab File: BG046267.D
Acq: 14 Aug 2020 3:46

Instrument :
BNA_G
ClientSampleId :
BFM58

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.8	8.9	13.3
100	9.2	7.9	11.9

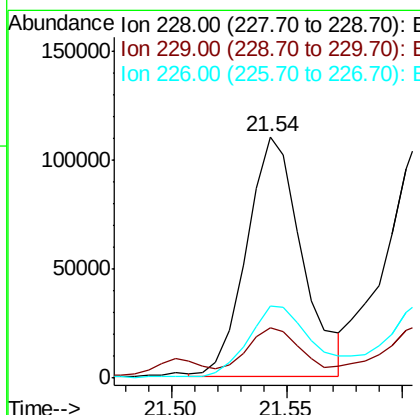
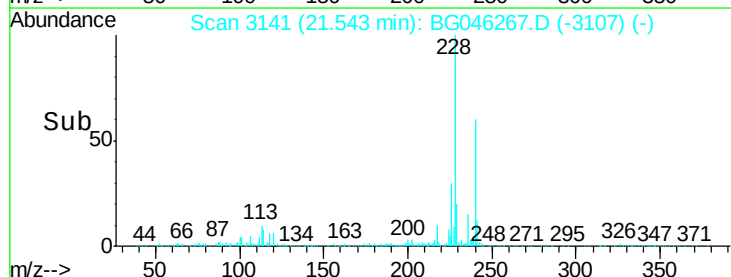
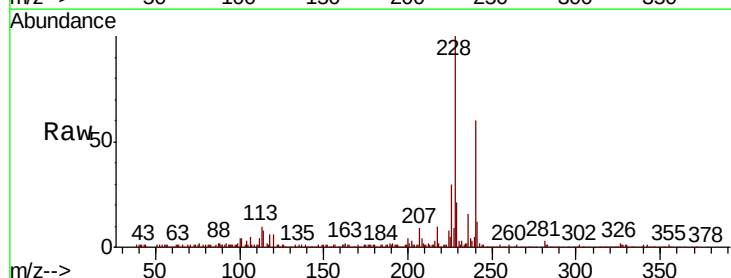
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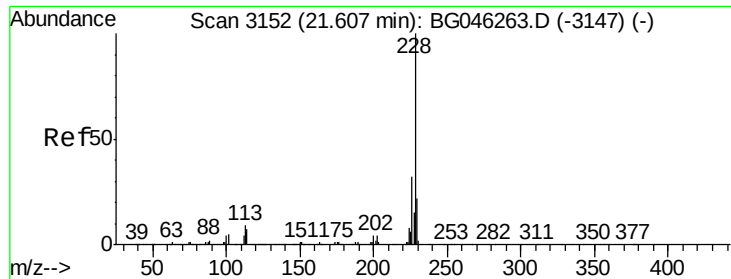
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#21
Benzo(a)anthracene
Concen: 4.206 ng/ul
RT: 21.54 min Scan# 3141
Delta R.T. -0.00 min
Lab File: BG046267.D
Acq: 14 Aug 2020 3:46

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.8	16.6	25.0
226	29.8	22.6	33.8





#22

Chrysene

Concen: 4.669 ng/ul

RT: 21.61 min Scan# 3152

Delta R.T. 0.00 min

Lab File: BG046267.D

Acq: 14 Aug 2020 3:46

Instrument :

BNA_G

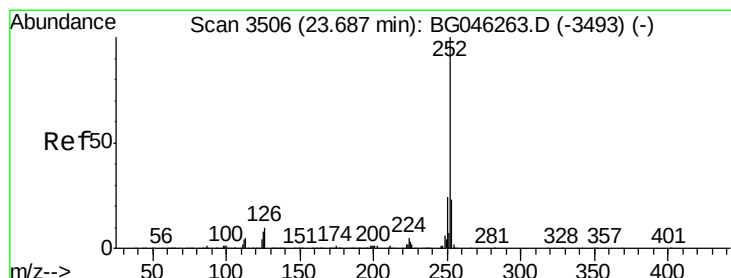
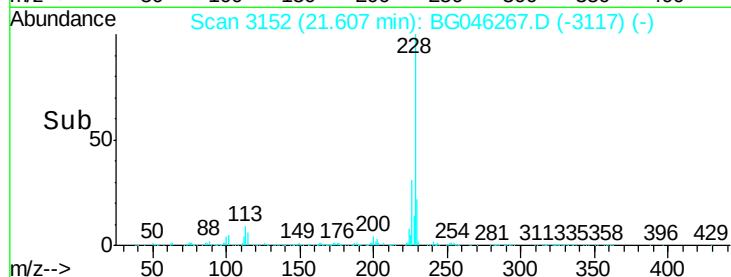
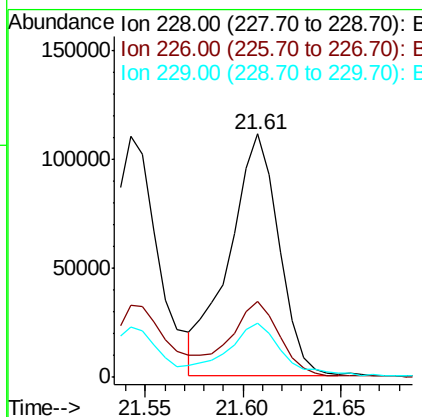
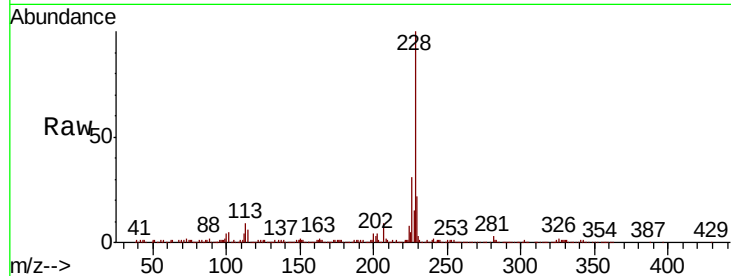
ClientSampled :

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Tot Ion:	228	Resp:	198146
Ion Ratio	Lower	Upper	
228	100		
226	31.4	25.5	38.3
229	22.3	17.0	25.4

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#24

Benzo(b)fluoranthene

Concen: 6.050 ng/ul

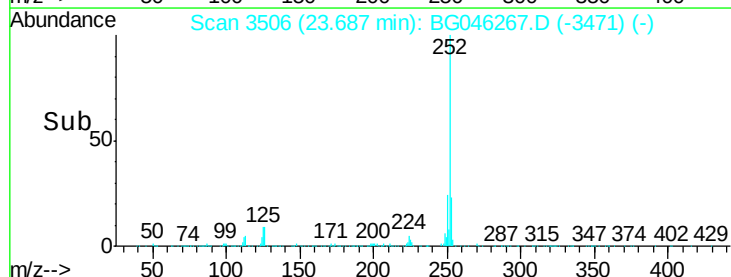
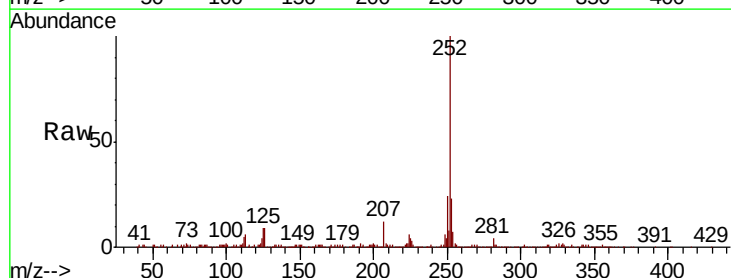
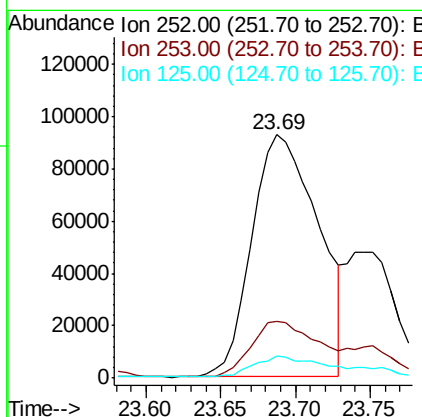
RT: 23.69 min Scan# 3506

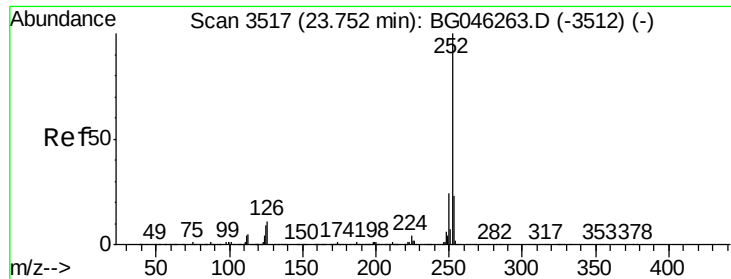
Delta R.T. 0.00 min

Lab File: BG046267.D

Acq: 14 Aug 2020 3:46

Tgt Ion:	252	Resp:	286609
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.8	26.6
125	9.1	6.4	9.6





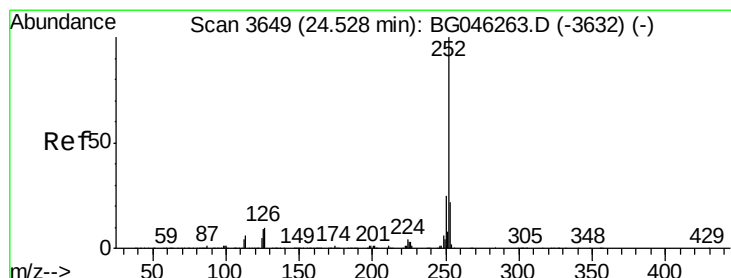
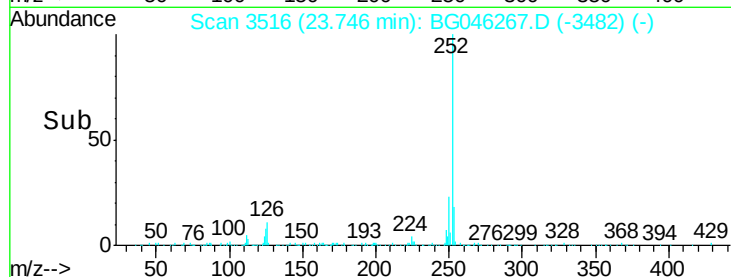
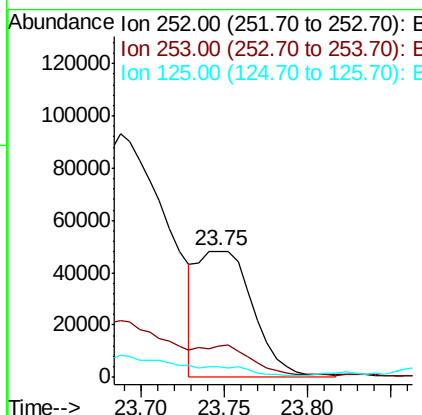
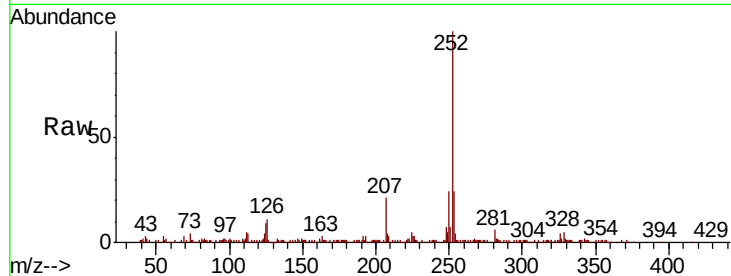
#25
Benzo(k)fluoranthene
Concen: 2.393 ng/ul m
RT: 23.75 min Scan# 3516
Delta R.T. -0.00 min
Lab File: BG046267.D
Acq: 14 Aug 2020 3:46

Instrument :
BNA_G
ClientSampled :
BFM58

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.5	27.7
125	8.5	6.2	9.2

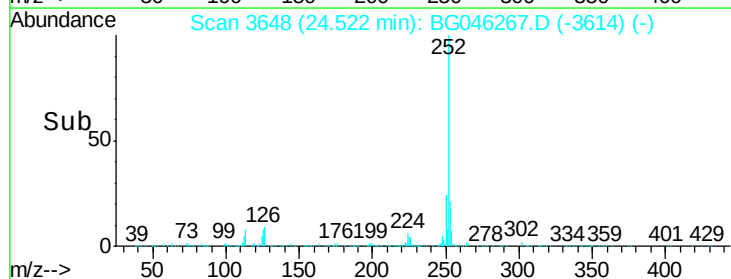
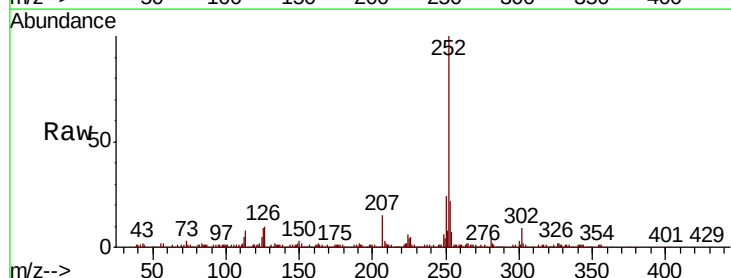
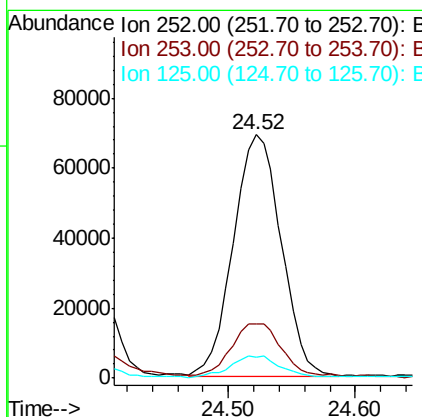
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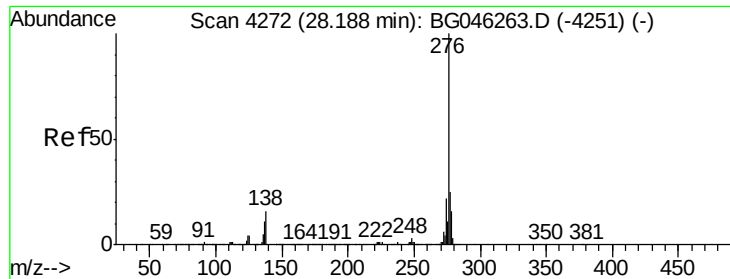
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#27
Benzo(a)pyrene
Concen: 4.132 ng/ul
RT: 24.52 min Scan# 3648
Delta R.T. -0.00 min
Lab File: BG046267.D
Acq: 14 Aug 2020 3:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.8
125	8.8	7.1	10.7





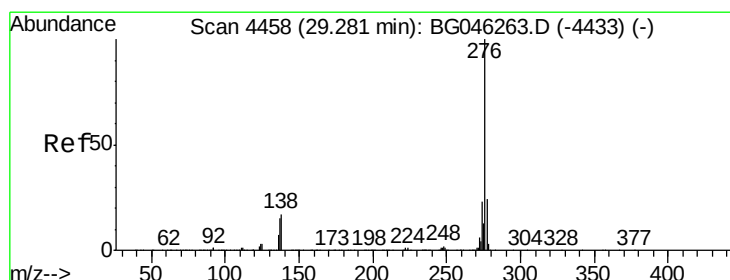
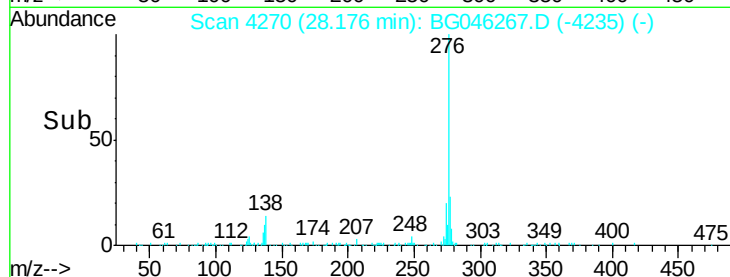
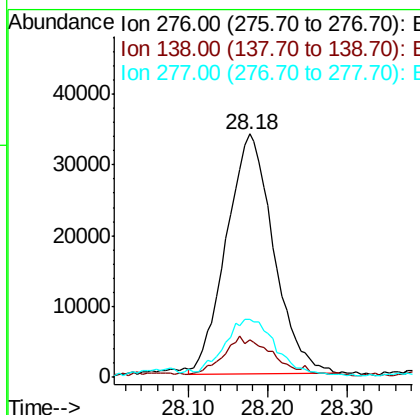
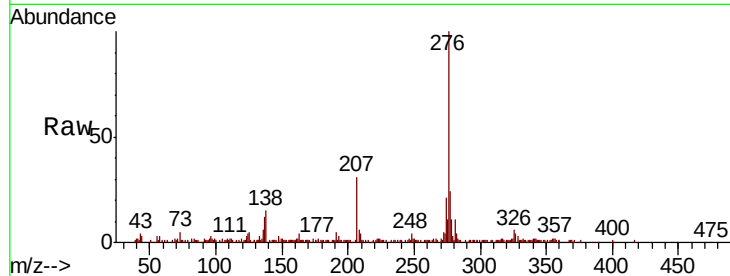
#28
 Indeno(1,2,3-cd)pyrene
 Concen: 2.575 ng/ul
 RT: 28.18 min Scan# 4270
 Delta R.T. 0.00 min
 Lab File: BG046267.D
 Acq: 14 Aug 2020 3:46

Instrument :
 BNA_G
 ClientSampleId :
 BFM58

Tot Ion:	276	Resp:	140224
Ion Ratio	Lower	Upper	
276	100		
138	15.2	13.2	19.8
277	23.8	19.9	29.9

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#30
 Benzo(g,h,i)perylene
 Concen: 2.617 ng/ul
 RT: 29.27 min Scan# 4456
 Delta R.T. 0.00 min
 Lab File: BG046267.D
 Acq: 14 Aug 2020 3:46

Tgt Ion:	276	Resp:	119242
Ion Ratio	Lower	Upper	
276	100		
138	18.3	12.9	19.3
277	22.2	19.4	29.0

