

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
 Data File : BG046252.D
 Acq On : 13 Aug 2020 16:59
 Operator : CG/JU
 Sample : L3629-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFM52

Manual Integrations
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Quant Time: Aug 13 17:42:01 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	89467	20.00	ng/ul	0.00
2) Naphthalene-d8	10.75	136	364194	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.58	164	235987	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	527361	20.00	ng/ul	0.00
18) Chrysene-d12	21.56	240	530843	20.00	ng/ul	0.00
23) Perylene-d12	24.67	264	567191	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	109815	17.51	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	436398	20.09	ng/ul	0.00
10) Fluorene-d10	15.56	176	335907	20.18	ng/ul	0.00
15) Anthracene-d10	17.41	188	521553	21.33	ng/ul	0.00
19) Pyrene-d10	19.70	212	604471	22.12	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.45	264	666156	21.52	ng/ul	0.00
Target Compounds				Qvalue		
14) Phenanthrene	17.36	178	274476	9.461	ng/ul	99
16) Anthracene	17.45	178	61631	2.105	ng/ul	99
17) Fluoranthene	19.36	202	479462	14.821	ng/ul	99
20) Pyrene	19.72	202	407936	11.707	ng/ul	98
21) Benzo(a)anthracene	21.54	228	288500	8.353	ng/ul	96
22) Chrysene	21.60	228	269477	8.071	ng/ul	98
24) Benzo(b)fluoranthene	23.69	252	360519	9.612	ng/ul	99
25) Benzo(k)fluoranthene	23.75	252	130838m	3.517	ng/ul	
27) Benzo(a)pyrene	24.52	252	235171	6.830	ng/ul	97
28) Indeno(1,2,3-cd)pyrene	28.17	276	162693	3.773	ng/ul	99
29) Dibenzo(a,h)anthracene	28.22	278	52856m	1.512	ng/ul	
30) Benzo(a,h,i)perylene	29.25	276	137097	3.799	ng/ul	97

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

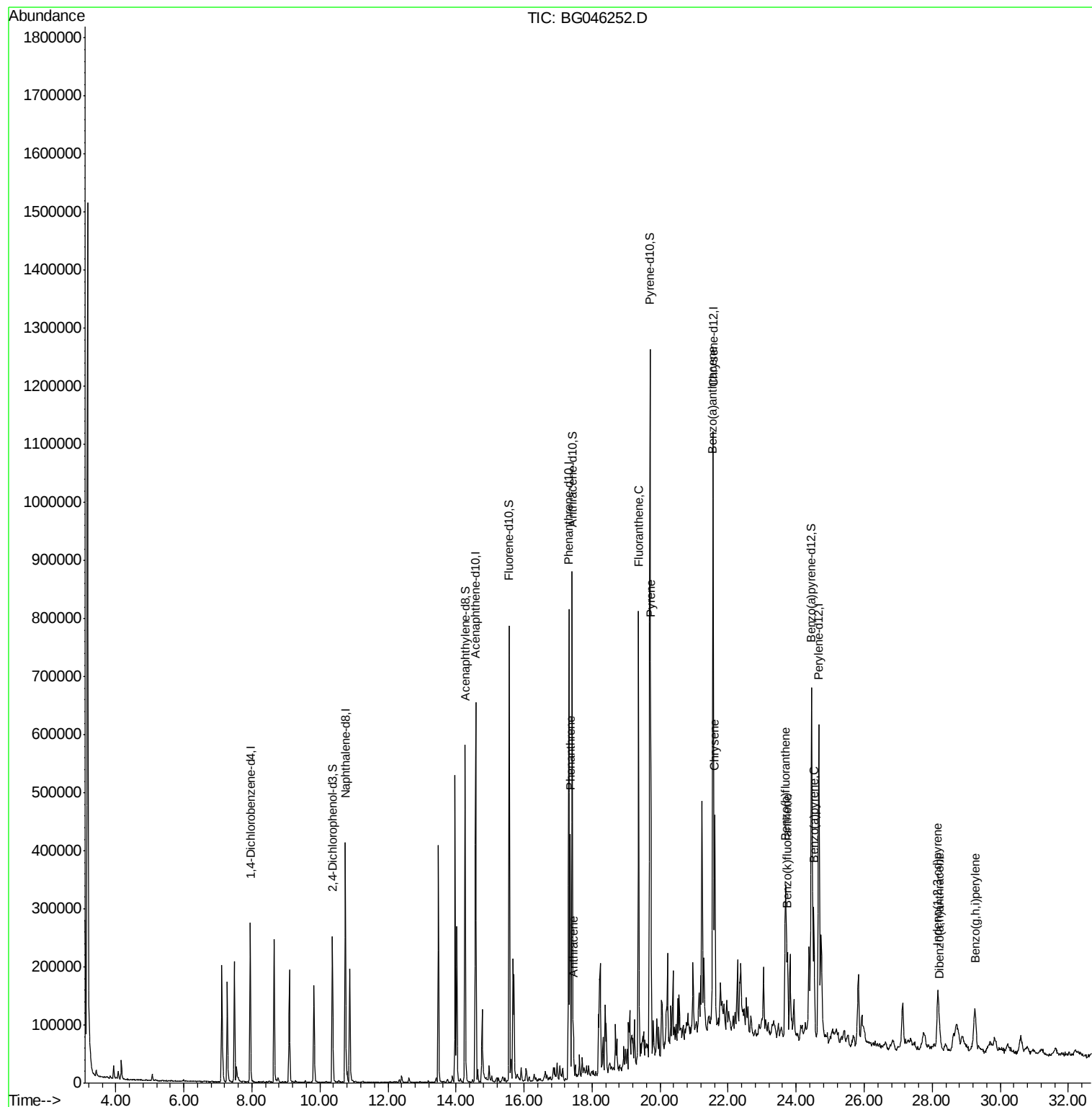
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046252.D
Acq On : 13 Aug 2020 16:59
Operator : CG/JU
Sample : L3629-05
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ALS Vial : 6 Sample Multiplier: 1

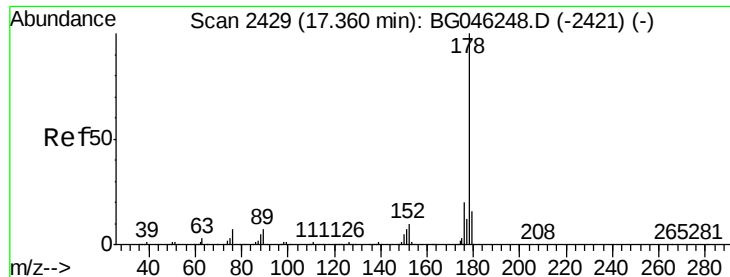
Instrument :
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Quant Time: Aug 13 17:42:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
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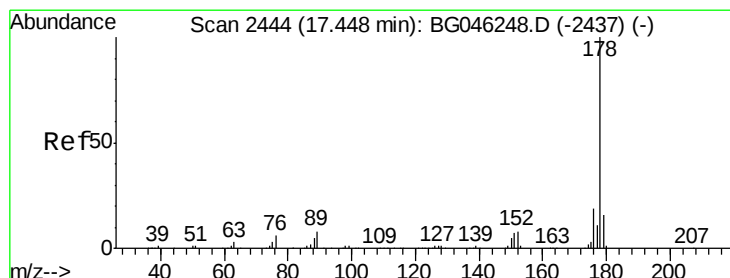
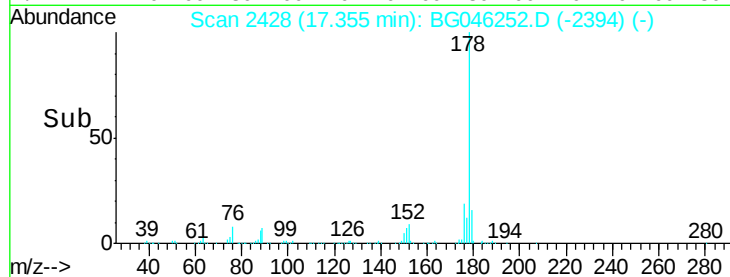
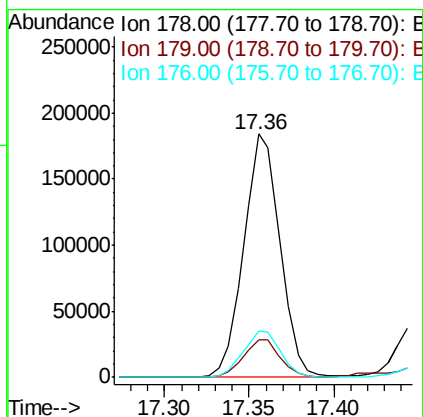
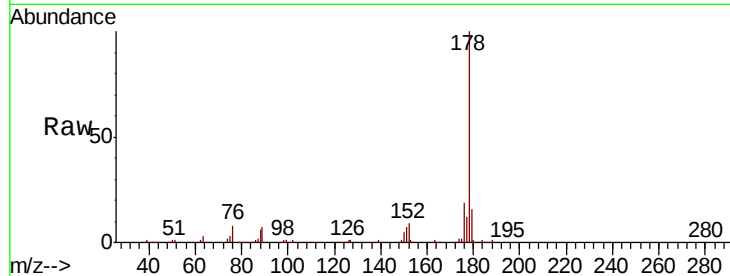
#14
Phenanthrene
Concen: 9.461 ng/ul
RT: 17.36 min Scan# 2428
Delta R.T. -0.00 min
Lab File: BG046252.D
Acq: 13 Aug 2020 16:59

Instrument :
BNA_G
ClientSampled :
BFM52

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.8	19.2
176	19.1	15.8	23.8

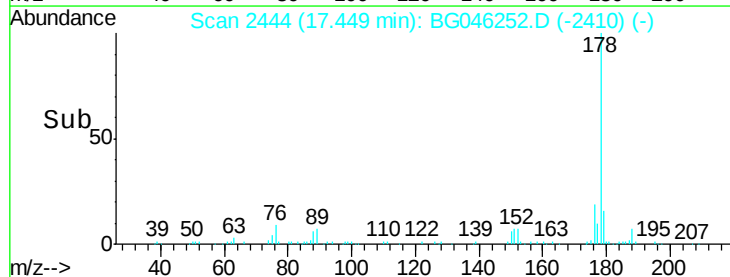
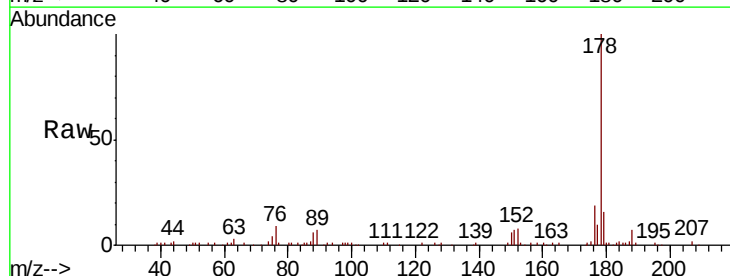
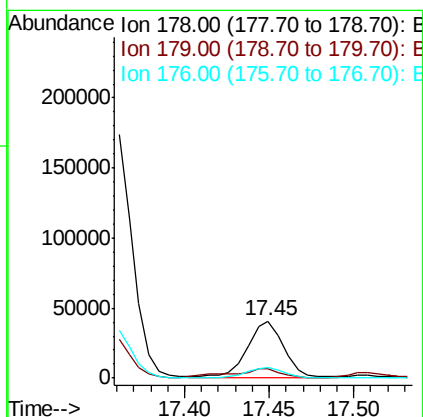
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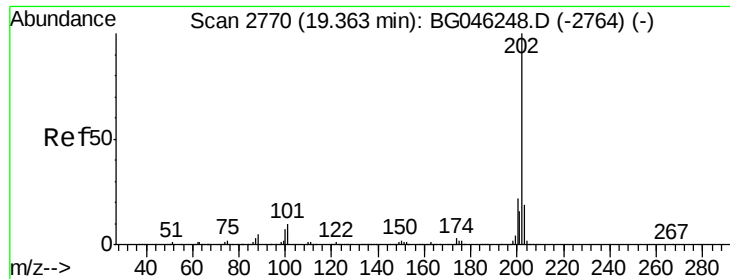
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#16
Anthracene
Concen: 2.105 ng/ul
RT: 17.45 min Scan# 2444
Delta R.T. -0.00 min
Lab File: BG046252.D
Acq: 13 Aug 2020 16:59

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	13.2	19.8
176	18.7	15.2	22.8





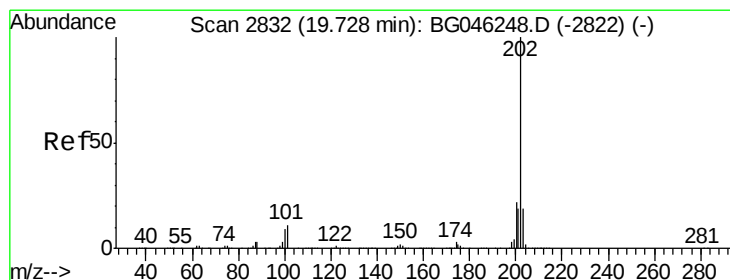
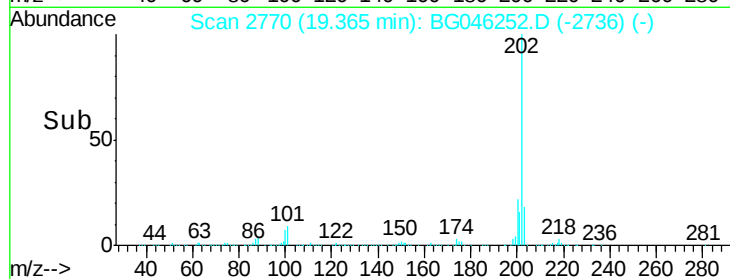
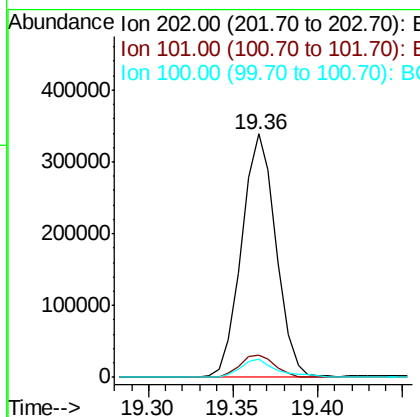
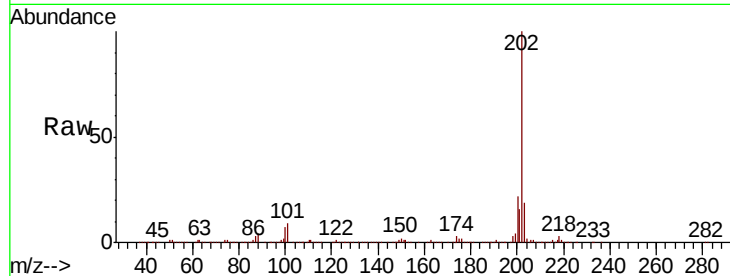
#17
Fluoranthene
 Concen: 14.821 ng/ul
 RT: 19.36 min Scan# 2770
 Delta R.T. -0.00 min
 Lab File: BG046252.D
 Acq: 13 Aug 2020 16:59

Instrument :
 BNA_G
 ClientSampleId :
 BFM52

Tot Ion:	202	Resp:	479462
Ion Ratio	Lower	Upper	
202	100		
101	9.3	7.8	11.6
100	7.4	5.9	8.9

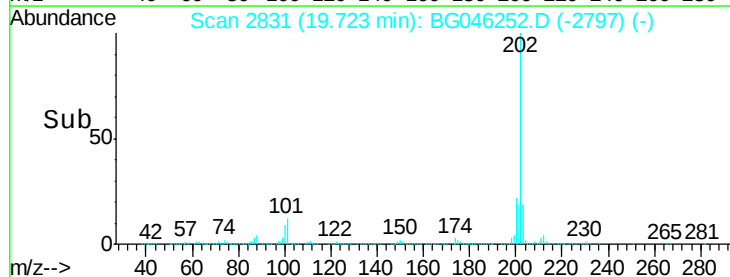
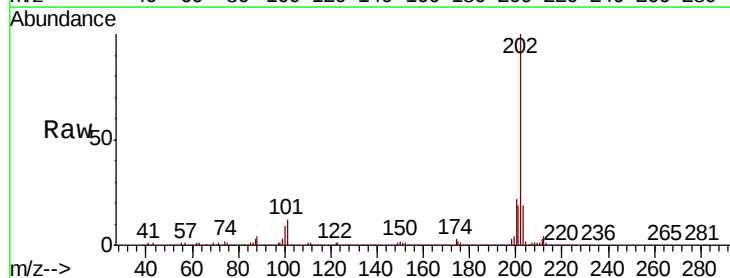
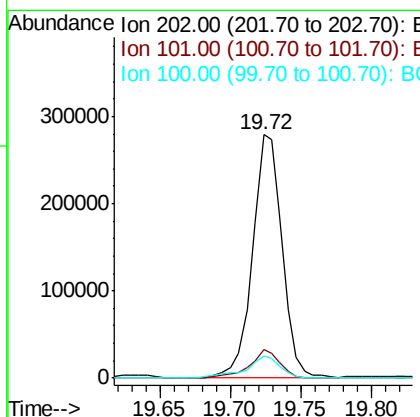
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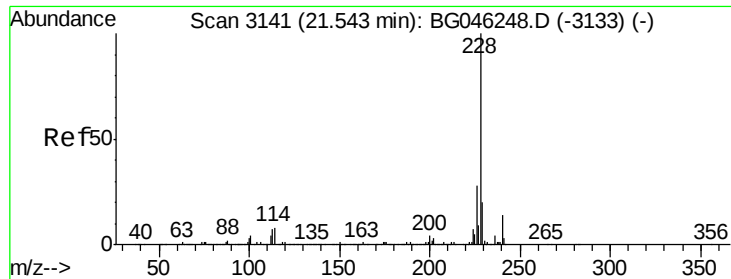
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#20
Pyrene
 Concen: 11.707 ng/ul
 RT: 19.72 min Scan# 2831
 Delta R.T. -0.00 min
 Lab File: BG046252.D
 Acq: 13 Aug 2020 16:59

Tgt Ion:	202	Resp:	407936
Ion Ratio	Lower	Upper	
202	100		
101	11.8	8.9	13.3
100	9.2	7.9	11.9





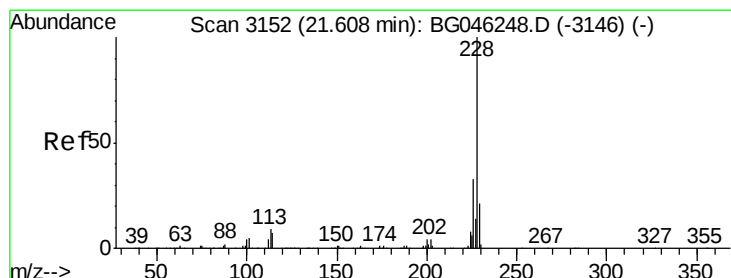
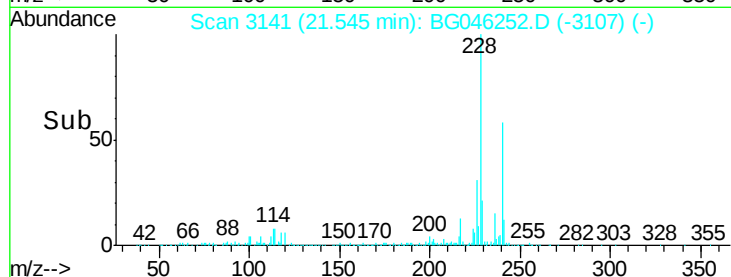
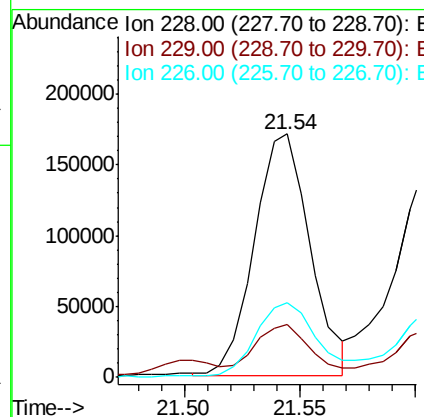
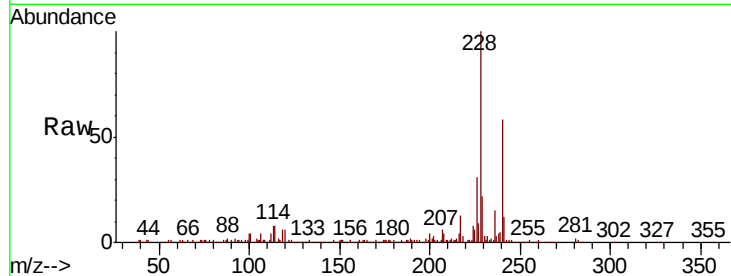
#21
Benzo(a)anthracene
Concen: 8.353 ng/ul
RT: 21.54 min Scan# 3141
Delta R.T. -0.00 min
Lab File: BG046252.D
Acq: 13 Aug 2020 16:59

Instrument :
BNA_G
ClientSampleId :
BFM52

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.7	16.6	25.0
226	30.7	22.6	33.8

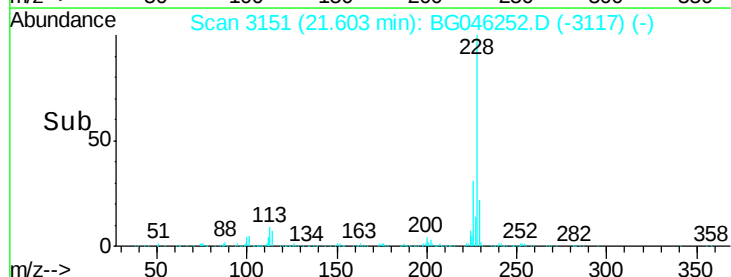
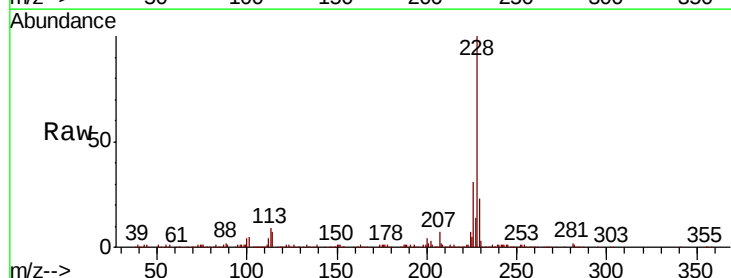
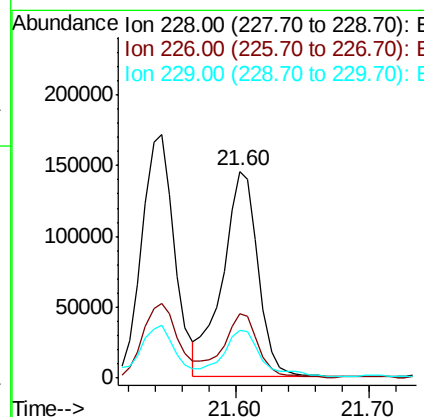
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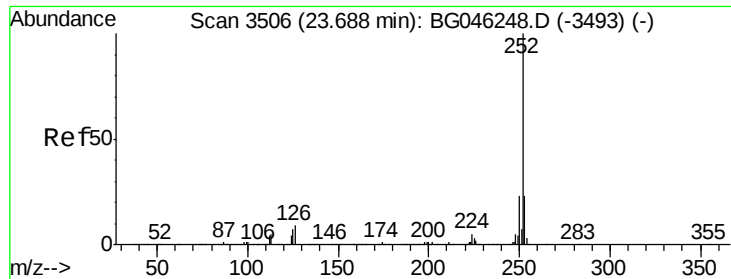
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#22
Chrysene
Concen: 8.071 ng/ul
RT: 21.60 min Scan# 3151
Delta R.T. -0.00 min
Lab File: BG046252.D
Acq: 13 Aug 2020 16:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.5	38.3
229	22.9	17.0	25.4





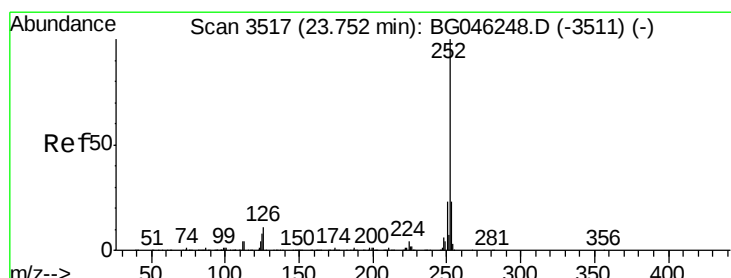
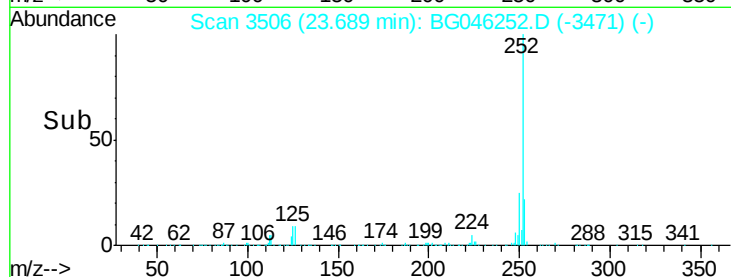
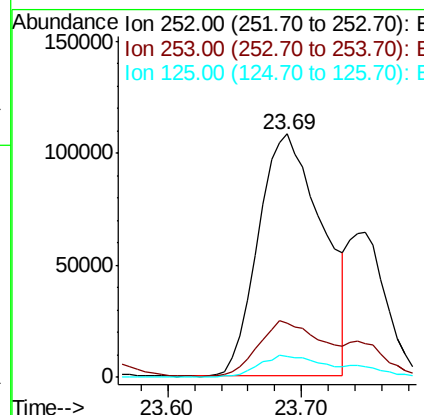
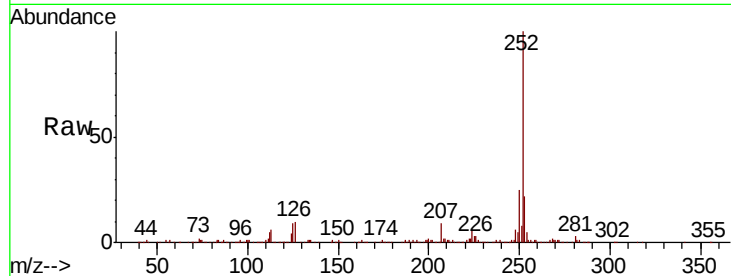
#24
Benzo(b)fluoranthene
Concen: 9.612 ng/ul
RT: 23.69 min Scan# 3506
Delta R.T. 0.01 min
Lab File: BG046252.D
Acq: 13 Aug 2020 16:59

Instrument :
BNA_G
ClientSampled :
BFM52

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	8.7	6.4	9.6

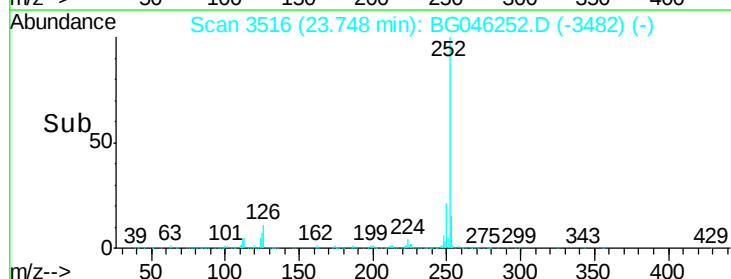
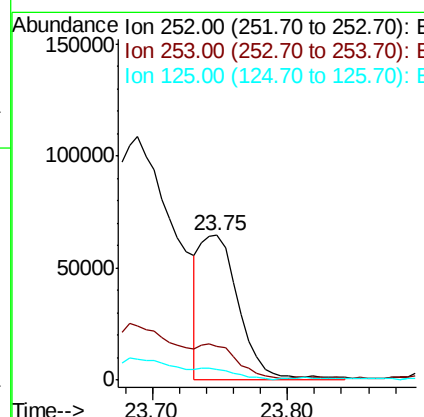
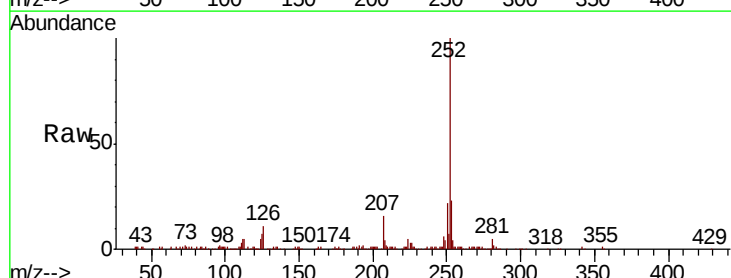
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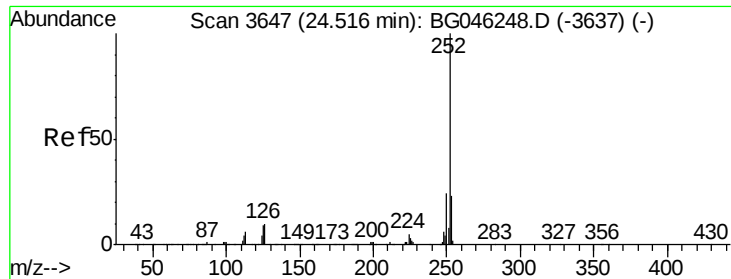
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#25
Benzo(k)fluoranthene
Concen: 3.517 ng/ul m
RT: 23.75 min Scan# 3516
Delta R.T. -0.00 min
Lab File: BG046252.D
Acq: 13 Aug 2020 16:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.5	27.7
125	7.4	6.2	9.2





#27

Benzo(a)pyrene

Concen: 6.830 ng/ul

RT: 24.52 min Scan# 3647

Delta R.T. -0.01 min

Lab File: BG046252.D

Acq: 13 Aug 2020 16:59

Instrument :

BNA_G

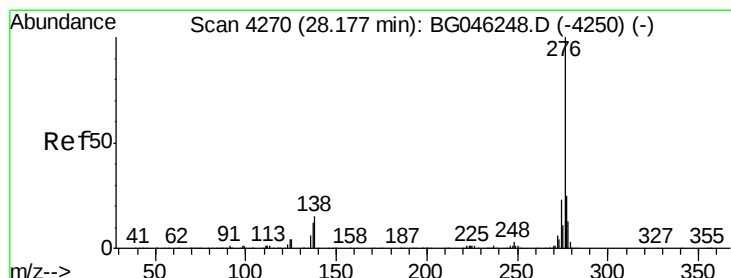
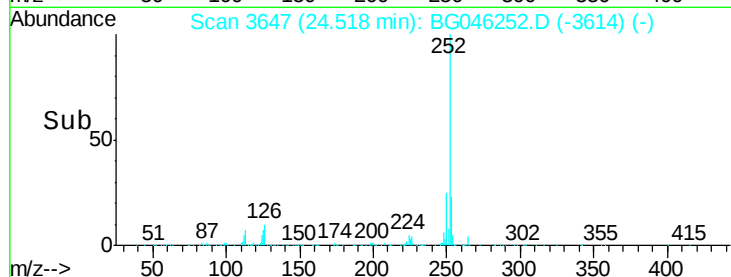
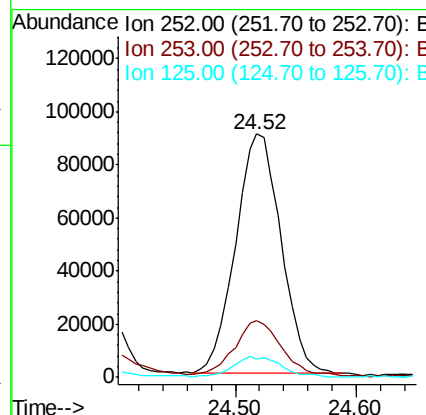
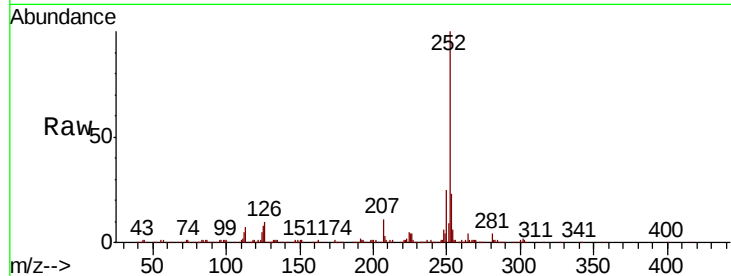
ClientSampleId :

BFM52

Tot Ion:	252	Resp:	235171
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.8	26.8
125	7.6	7.1	10.7

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#28

Indeno(1,2,3-cd)pyrene

Concen: 3.773 ng/ul

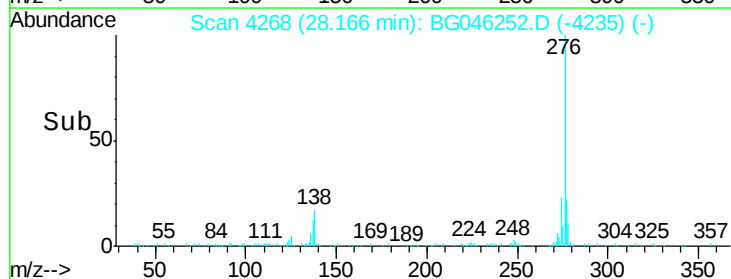
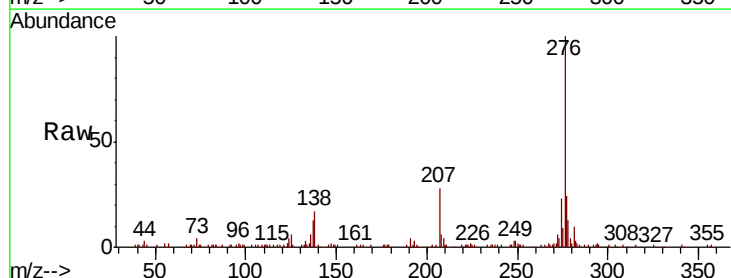
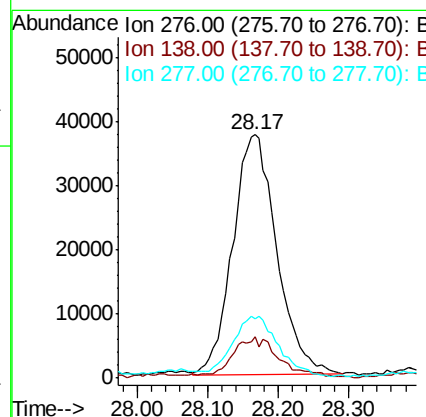
RT: 28.17 min Scan# 4268

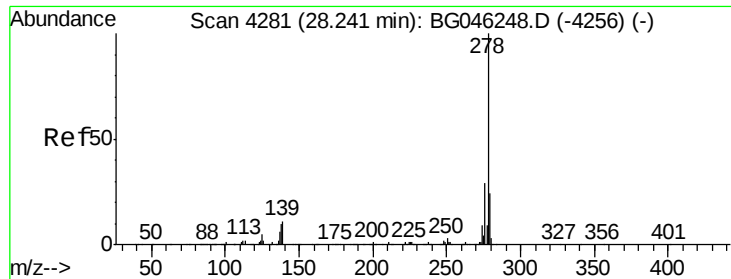
Delta R.T. -0.01 min

Lab File: BG046252.D

Acq: 13 Aug 2020 16:59

Tgt Ion:	276	Resp:	162693
Ion Ratio	Lower	Upper	
276	100		
138	16.8	13.2	19.8
277	24.2	19.9	29.9





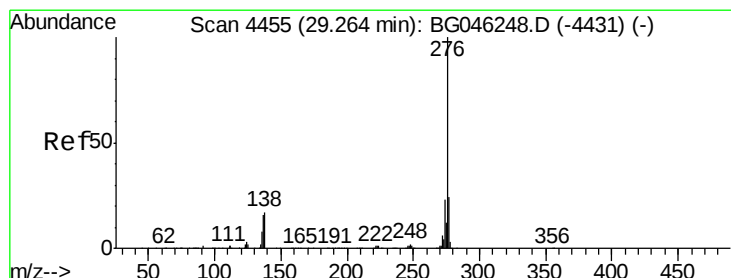
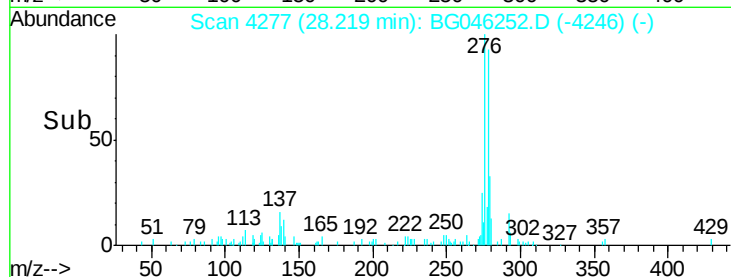
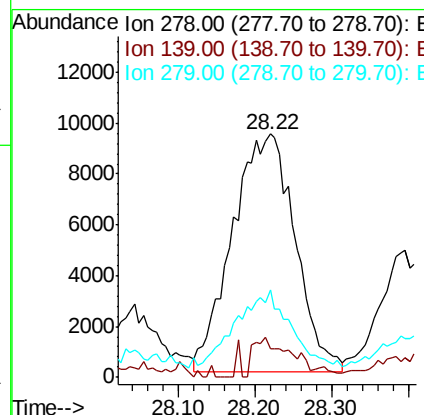
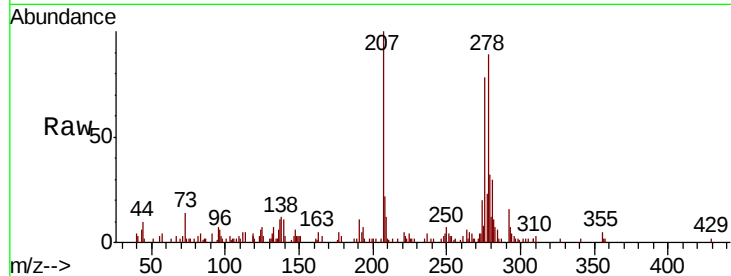
#29
Dibenzo(a,h)anthracene
Concen: 1.512 ng/ul m
RT: 28.22 min Scan# 4277
Delta R.T. -0.02 min
Lab File: BG046252.D
Acq: 13 Aug 2020 16:59

Instrument :
BNA_G
ClientSampleId :
BFM52

Tot Ion	Ratio	Lower	Upper
278	100		
139	11.9	9.8	14.8
279	35.9	19.7	29.5#

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#30
Benzo(g,h,i)perylene
Concen: 3.799 ng/ul
RT: 29.25 min Scan# 4453
Delta R.T. -0.01 min
Lab File: BG046252.D
Acq: 13 Aug 2020 16:59

Tgt Ion	Ratio	Lower	Upper
276	100		
138	13.8	12.9	19.3
277	23.8	19.4	29.0

