

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
 Data File : BG046307.D
 Acq On : 17 Aug 2020 22:35
 Operator : CG/JU
 Sample : L3632-20
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFM98

Manual Integrations
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Quant Time: Aug 18 02:13:27 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	7.94	152	73883	20.00	ng/ul	0.00
2) Naphthalene-d8	10.74	136	316518	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	224715	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	540325	20.00	ng/ul	0.00
18) Chrysene-d12	21.55	240	536012	20.00	ng/ul	0.00
23) Perylene-d12	24.66	264	564969	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	52740	9.68	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	212746	10.29	ng/ul	0.00
10) Fluorene-d10	15.56	176	175167	11.05	ng/ul	0.00
15) Anthracene-d10	17.41	188	266183	10.63	ng/ul	0.00
19) Pyrene-d10	19.69	212	287059	10.40	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.45	264	295542	9.59	ng/ul	0.00
Target Compounds						
						Qvalue
14) Phenanthrene	17.35	178	232297	7.815	ng/ul	97
16) Anthracene	17.44	178	56510	1.884	ng/ul	98
17) Fluoranthene	19.36	202	640131	19.313	ng/ul	98
20) Pyrene	19.72	202	521076	14.810	ng/ul	98
21) Benzo(a)anthracene	21.54	228	305353	8.756	ng/ul	98
22) Chrysene	21.60	228	311809	9.249	ng/ul	97
24) Benzo(b)fluoranthene	23.68	252	420733	11.261	ng/ul	99
25) Benzo(k)fluoranthene	23.73	252	131221m	3.541	ng/ul	
27) Benzo(a)pyrene	24.51	252	249598	7.277	ng/ul	97
28) Indeno(1,2,3-cd)pyrene	28.15	276	195644	4.555	ng/ul	99
29) Dibenzo(a,h)anthracene	28.20	278	57111m	1.640	ng/ul	
30) Benzo(a,h,i)perylene	29.26	276	147027	4.091	ng/ul	98

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

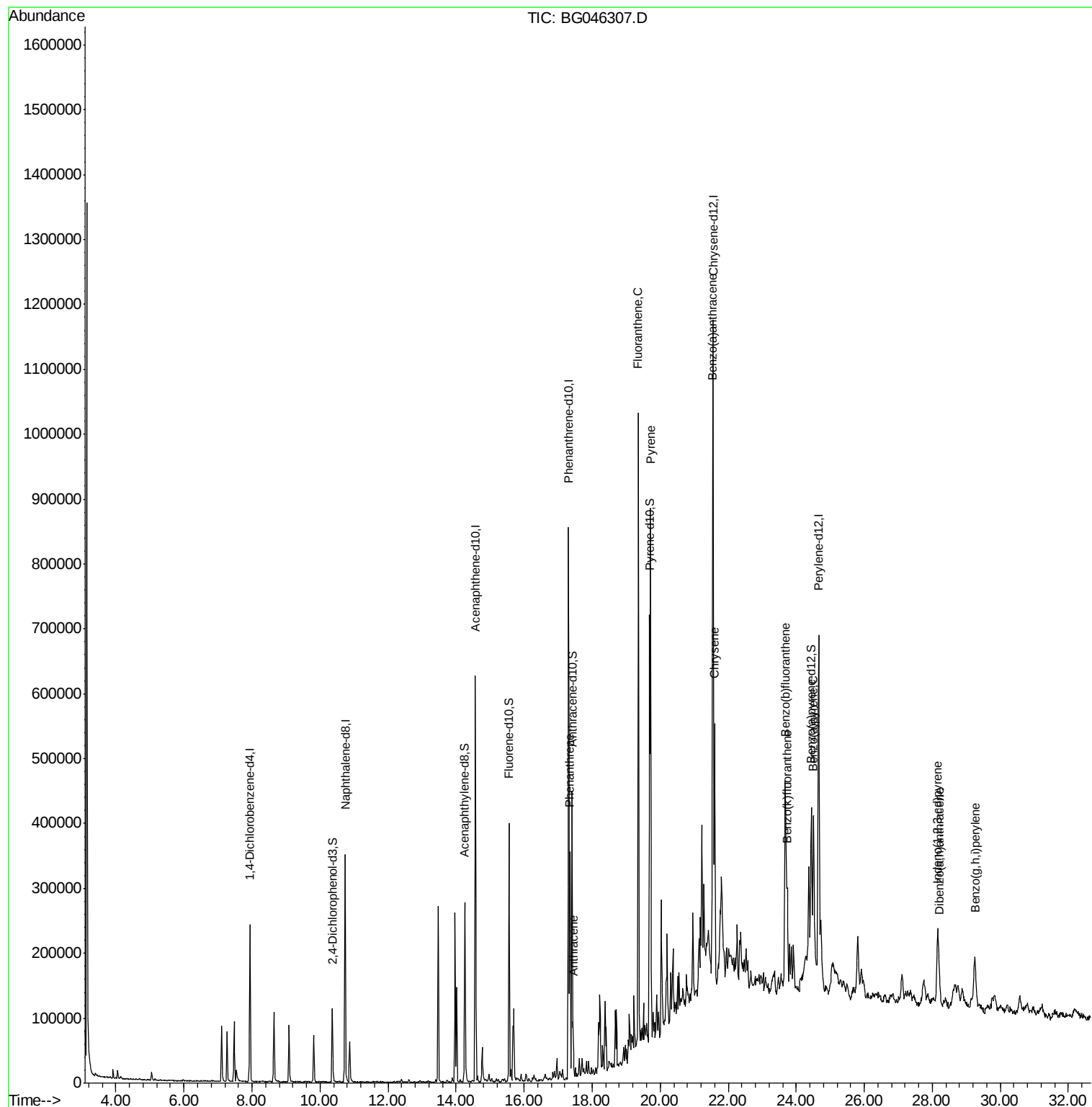
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046307.D
Acq On : 17 Aug 2020 22:35
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ALS Vial : 14 Sample Multiplier: 1

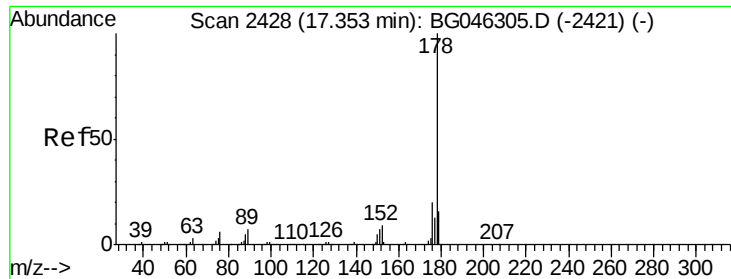
Instrument :
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ClientSampleId :
BFM98

Quant Time: Aug 18 02:13:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
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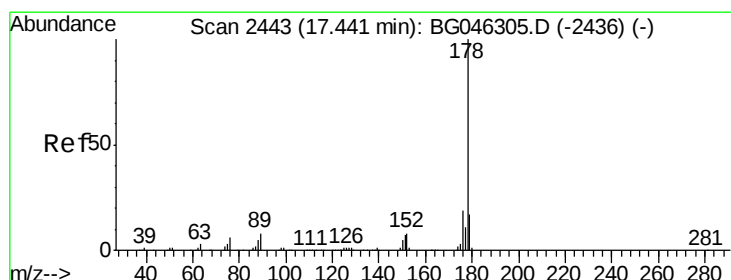
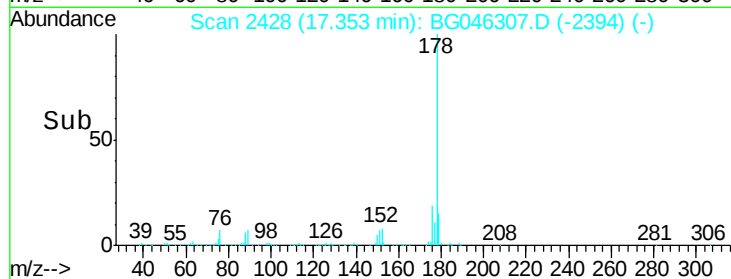
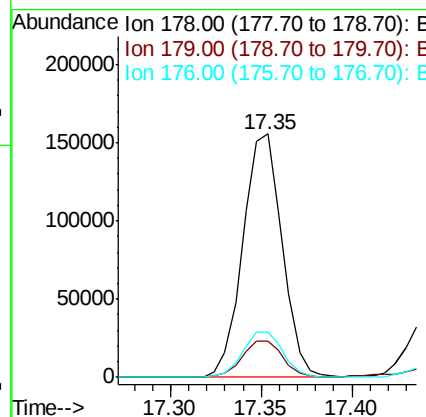
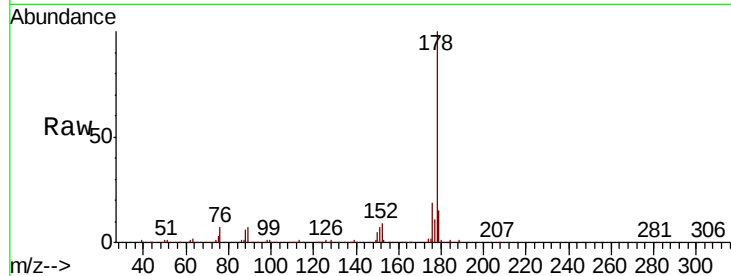
#14
Phenanthrene
Concen: 7.815 ng/ul
RT: 17.35 min Scan# 2428
Delta R.T. -0.00 min
Lab File: BG046307.D
Acq: 17 Aug 2020 22:35

Instrument :
BNA_G
ClientSampleId :
BFM98

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.7	12.8	19.2
176	18.5	15.8	23.8

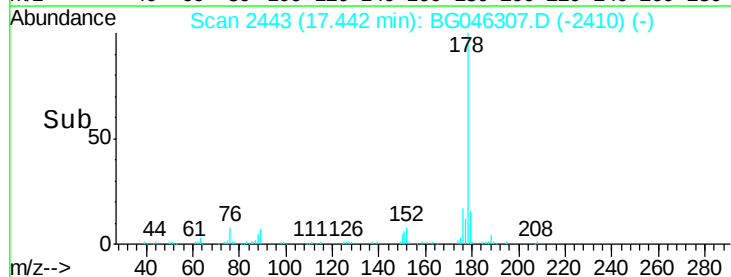
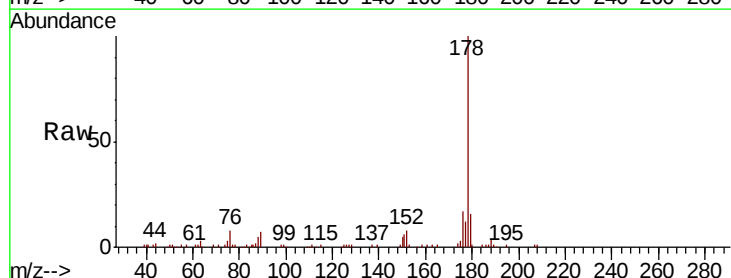
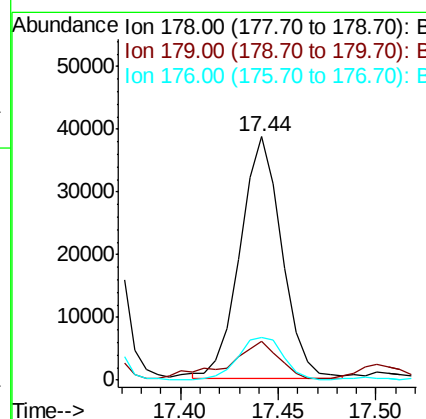
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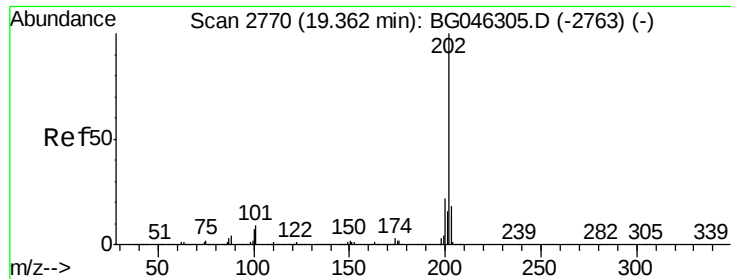
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#16
Anthracene
Concen: 1.884 ng/ul
RT: 17.44 min Scan# 2443
Delta R.T. -0.01 min
Lab File: BG046307.D
Acq: 17 Aug 2020 22:35

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.1	13.2	19.8
176	17.3	15.2	22.8





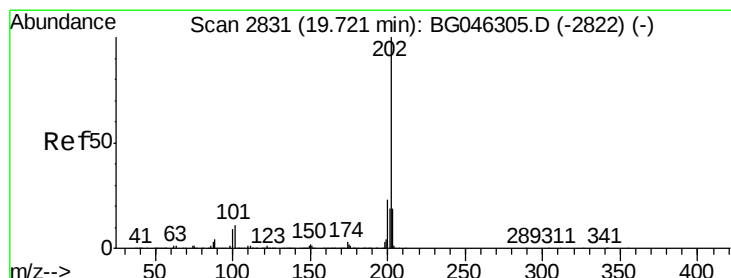
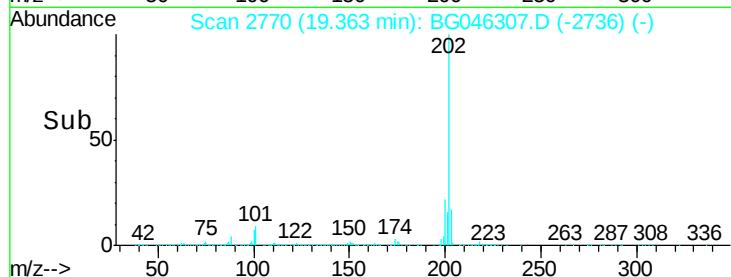
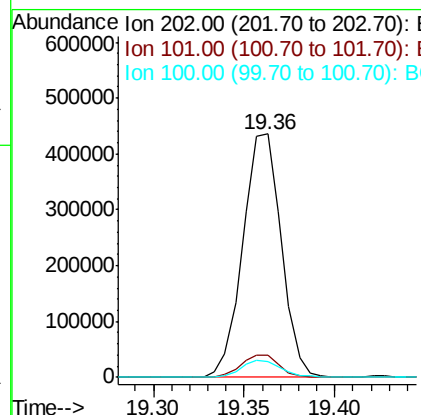
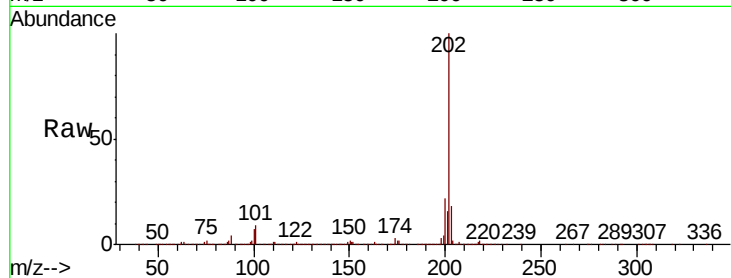
#17
Fluoranthene
 Concen: 19.313 ng/ul
 RT: 19.36 min Scan# 2770
 Delta R.T. -0.00 min
 Lab File: BG046307.D
 Acq: 17 Aug 2020 22:35

Instrument :
 BNA_G
 ClientSampled :
 BFM98

Tot Ion	Ratio	Resp	Lower	Upper
202	100	640131		
101	8.9	7.8	11.6	
100	6.7	5.9	8.9	

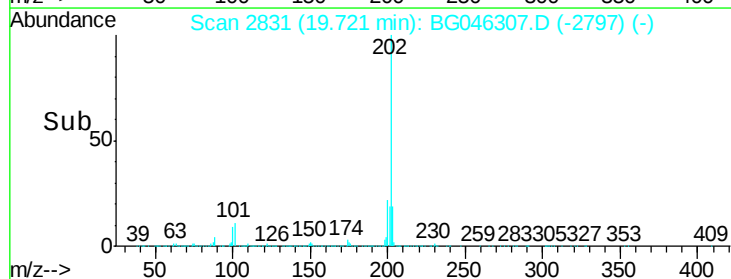
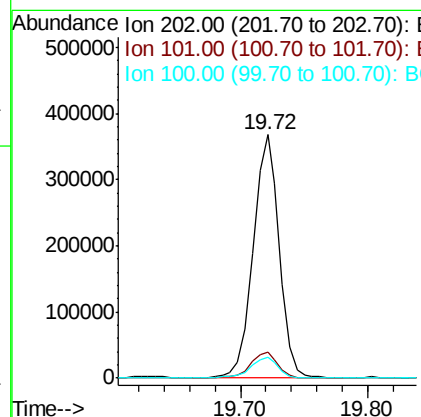
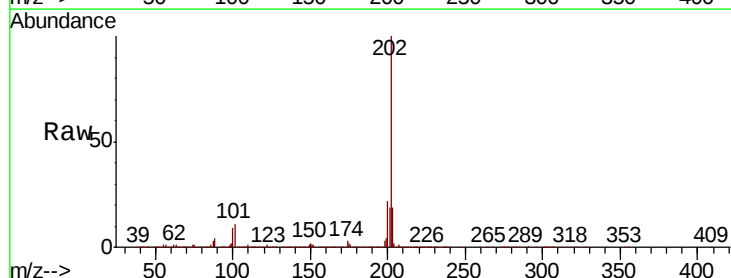
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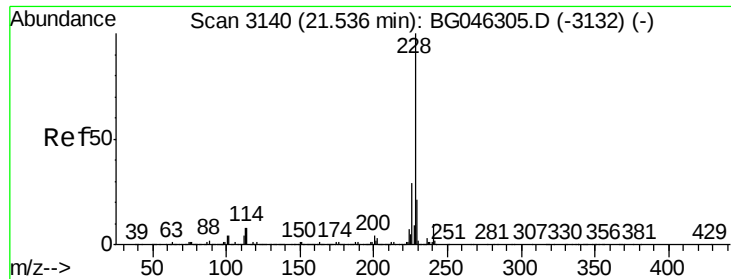
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#20
Pyrene
 Concen: 14.810 ng/ul
 RT: 19.72 min Scan# 2831
 Delta R.T. -0.00 min
 Lab File: BG046307.D
 Acq: 17 Aug 2020 22:35

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	521076		
101	10.7	8.9	13.3	
100	8.5	7.9	11.9	





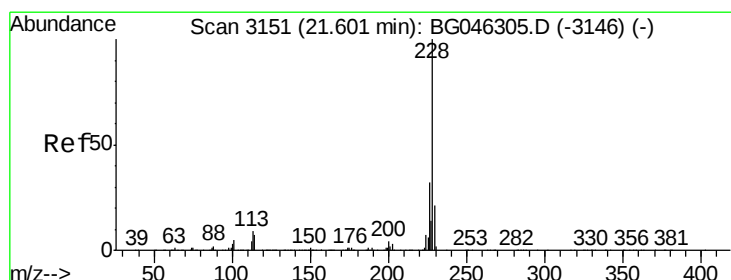
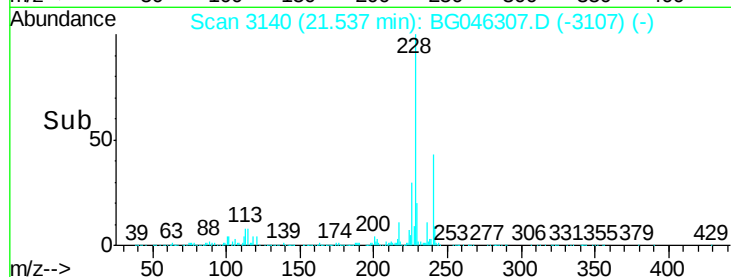
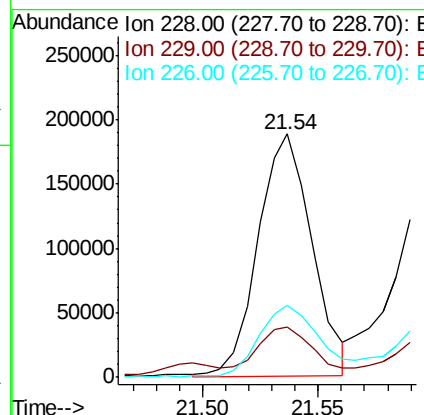
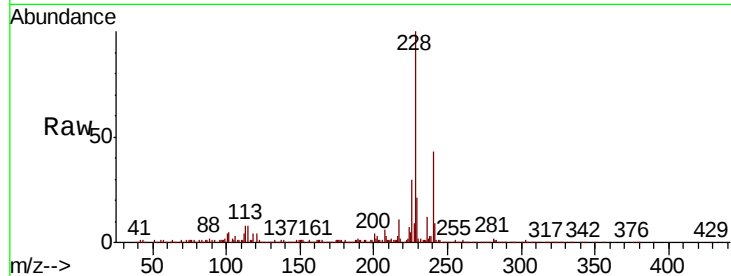
#21
Benzo(a)anthracene
Concen: 8.756 ng/ul
RT: 21.54 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BG046307.D
Acq: 17 Aug 2020 22:35

Instrument :
BNA_G
ClientSampled :
BFM98

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.6	16.6	25.0
226	29.9	22.6	33.8

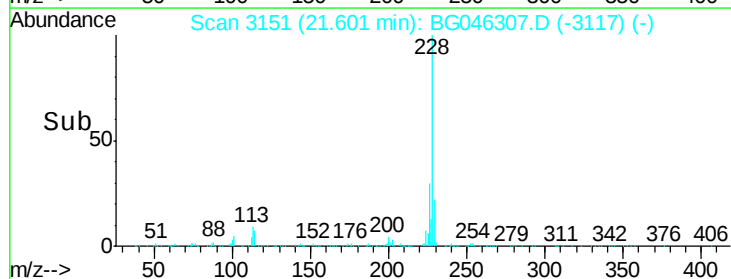
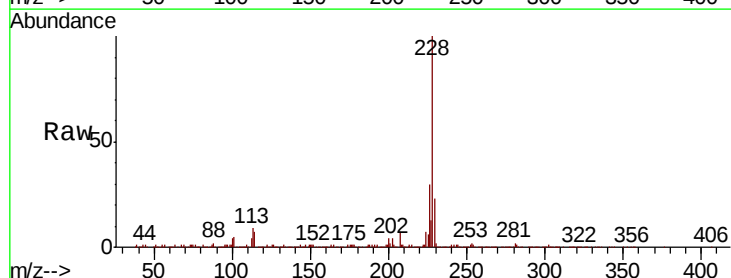
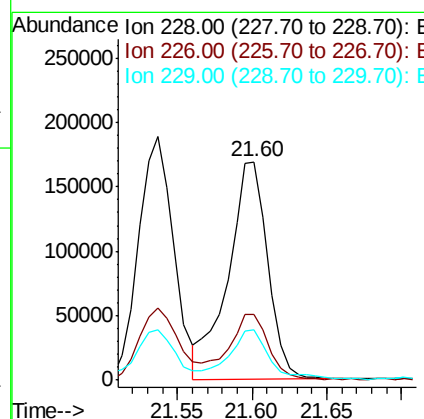
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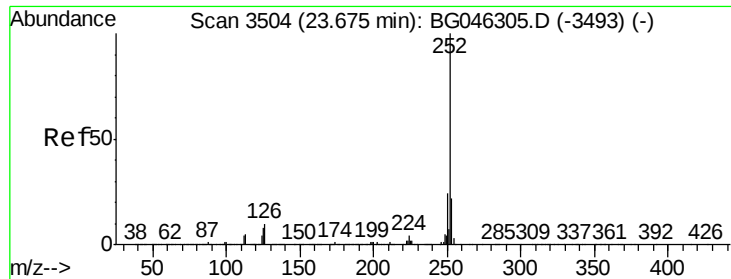
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#22
Chrysene
Concen: 9.249 ng/ul
RT: 21.60 min Scan# 3151
Delta R.T. -0.00 min
Lab File: BG046307.D
Acq: 17 Aug 2020 22:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.5	38.3
229	22.9	17.0	25.4





#24

Benzo(b)fluoranthene

Concen: 11.261 ng/ul

RT: 23.68 min Scan# 3505

Delta R.T. -0.00 min

Lab File: BG046307.D

Acq: 17 Aug 2020 22:35

Instrument :

BNA_G

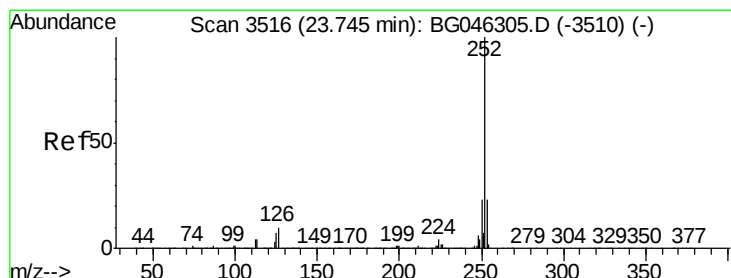
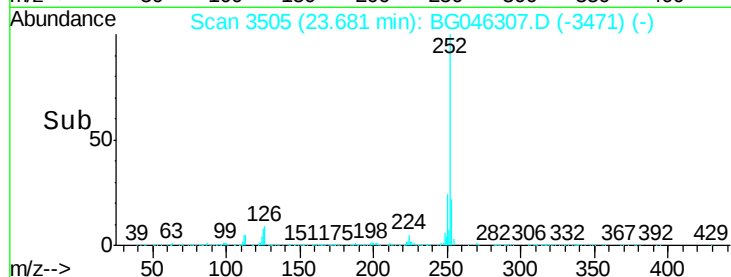
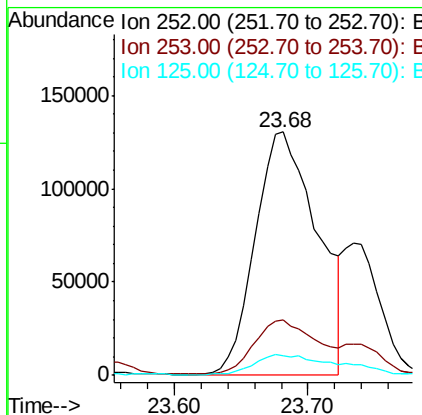
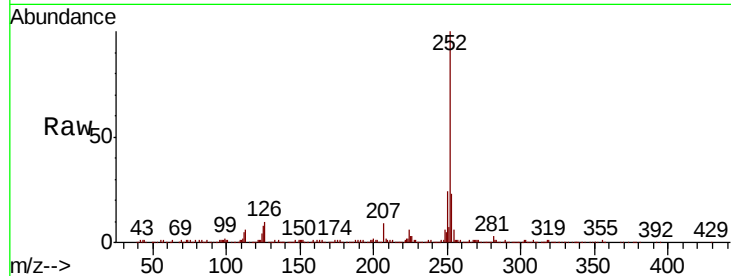
ClientSampleId :

BFM98

Tot Ion:	252	Resp:	420733
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.8	26.6
125	8.0	6.4	9.6

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#25

Benzo(k)fluoranthene

Concen: 3.541 ng/ul m

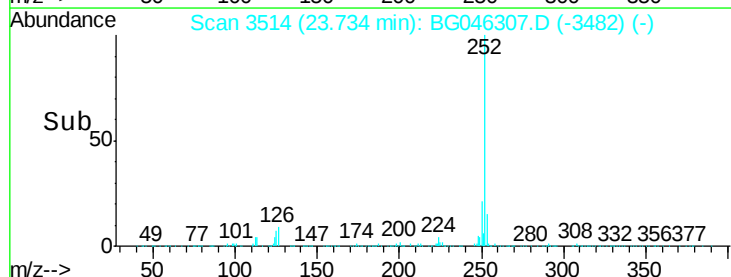
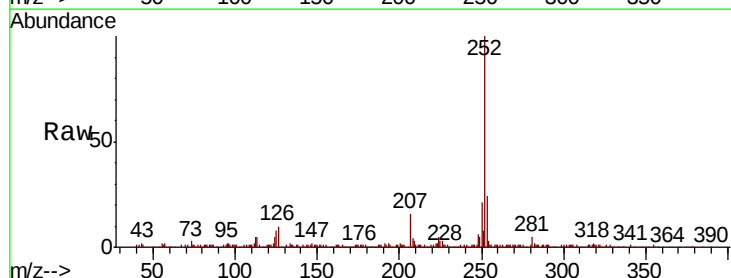
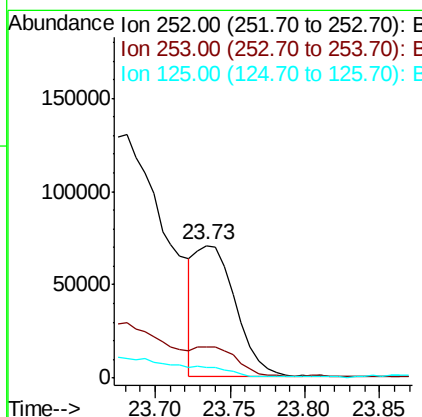
RT: 23.73 min Scan# 3514

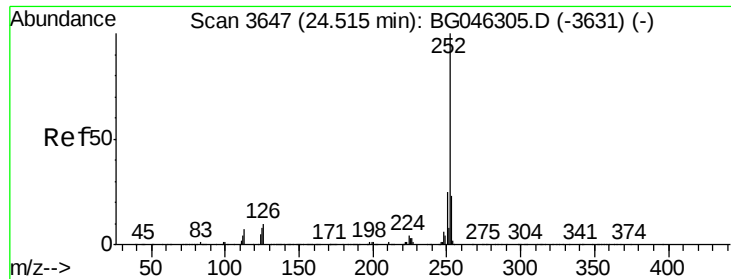
Delta R.T. -0.01 min

Lab File: BG046307.D

Acq: 17 Aug 2020 22:35

Tgt Ion:	252	Resp:	131221
Ion Ratio	Lower	Upper	
252	100		
253	23.7	18.5	27.7
125	8.0	6.2	9.2





#27

Benzo(a)pyrene

Concen: 7.277 ng/ul

RT: 24.51 min Scan# 3646

Delta R.T. -0.01 min

Lab File: BG046307.D

Acq: 17 Aug 2020 22:35

Instrument :

BNA_G

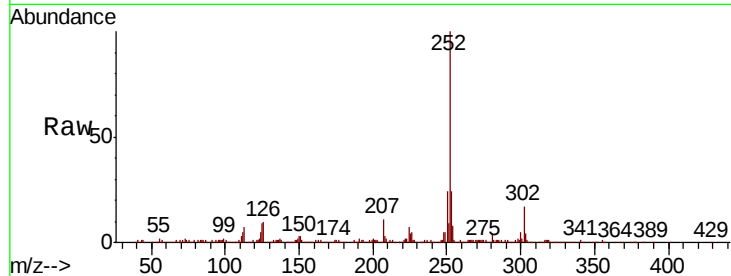
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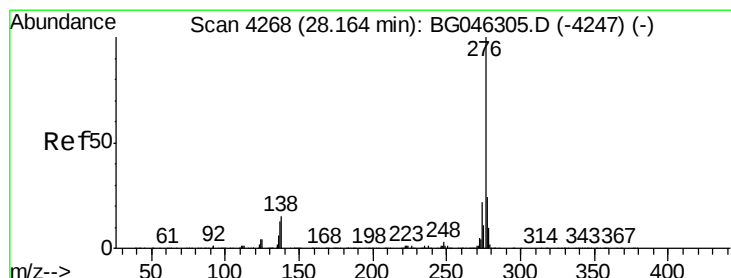
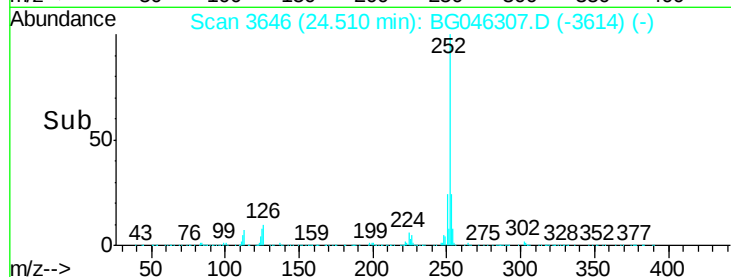
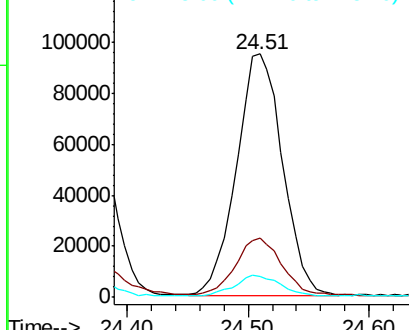
Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.8	26.8
125	8.7	7.1	10.7

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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: 4.555 ng/ul

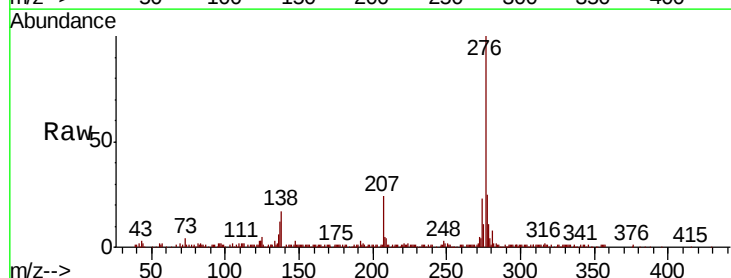
RT: 28.15 min Scan# 4266

Delta R.T. -0.02 min

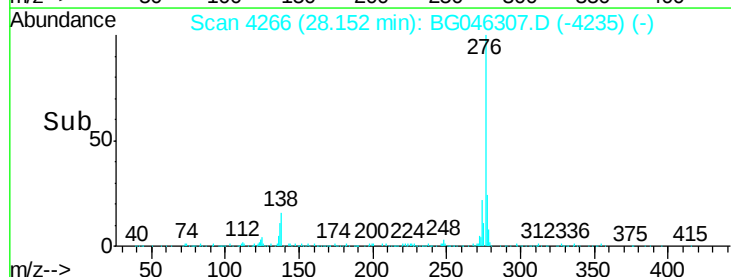
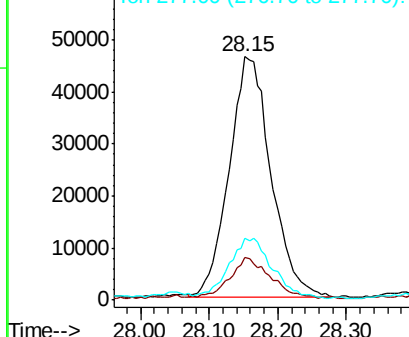
Lab File: BG046307.D

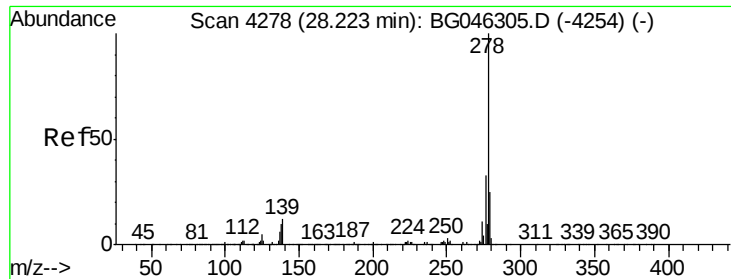
Acq: 17 Aug 2020 22:35

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.3	13.2	19.8
277	25.4	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





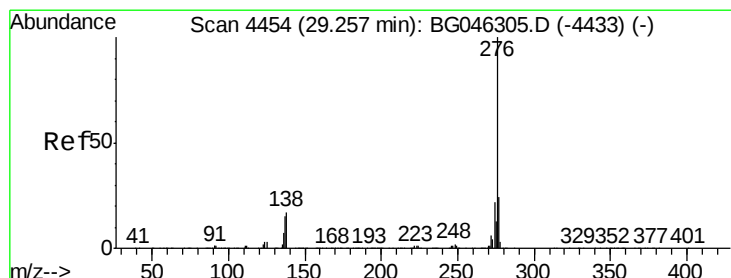
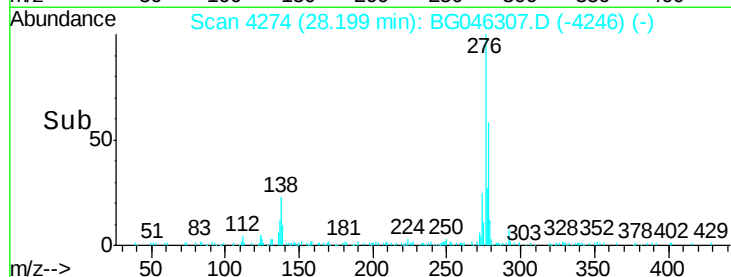
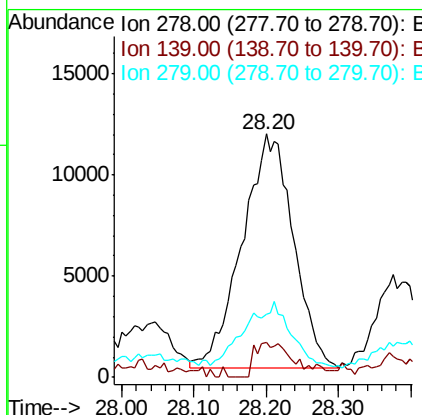
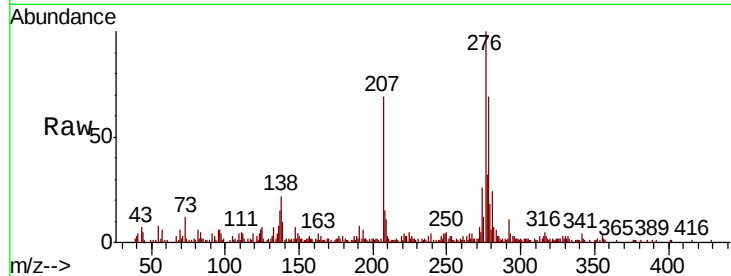
#29
Dibenzo(a,h)anthracene
Concen: 1.640 ng/ul m
RT: 28.20 min Scan# 4274
Delta R.T. -0.04 min
Lab File: BG046307.D
Acq: 17 Aug 2020 22:35

Instrument :
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ClientSampleId :
BFM98

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.1	9.8	14.8
279	25.7	19.7	29.5

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#30
Benzo(g,h,i)perylene
Concen: 4.091 ng/ul
RT: 29.26 min Scan# 4454
Delta R.T. -0.01 min
Lab File: BG046307.D
Acq: 17 Aug 2020 22:35

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.8	12.9	19.3
277	22.8	19.4	29.0

