

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
 Data File : BG046334.D
 Acq On : 18 Aug 2020 19:12
 Operator : CG/JU
 Sample : L3636-03
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFMJ9

Manual Integrations
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Quant Time: Aug 19 01:39:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 19 01:05:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	94195	20.00	ng/ul	0.00
2) Naphthalene-d8	10.74	136	367715	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	237730	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	533106	20.00	ng/ul	0.00
18) Chrysene-d12	21.55	240	538300	20.00	ng/ul	0.00
23) Perylene-d12	24.66	264	573860	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	26074	4.12	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	104161	4.76	ng/ul	0.00
10) Fluorene-d10	15.56	176	82801	4.94	ng/ul	0.00
15) Anthracene-d10	17.41	188	119462	4.83	ng/ul	0.00
19) Pyrene-d10	19.69	212	132401	4.78	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.44	264	135231	4.32	ng/ul	0.00
Target Compounds				Qvalue		
14) Phenanthrene	17.35	178	332632	11.342	ng/ul	100
16) Anthracene	17.44	178	55749	1.884	ng/ul	98
17) Fluoranthene	19.36	202	511933	15.654	ng/ul	98
20) Pyrene	19.72	202	415474	11.758	ng/ul	98
21) Benzo(a)anthracene	21.54	228	244223	6.973	ng/ul	99
22) Chrysene	21.60	228	244972	7.235	ng/ul	97
24) Benzo(b)fluoranthene	23.68	252	318120	8.383	ng/ul	97
25) Benzo(k)fluoranthene	23.74	252	95181m	2.528	ng/ul	
27) Benzo(a)pyrene	24.51	252	177720	5.101	ng/ul	98
28) Indeno(1,2,3-cd)pyrene	28.16	276	124195	2.847	ng/ul	99
29) Dibenzo(a,h)anthracene	28.20	278	38422m	1.086	ng/ul	
30) Benzo(a,h,i)perylene	29.25	276	79389	2.175	ng/ul	100

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

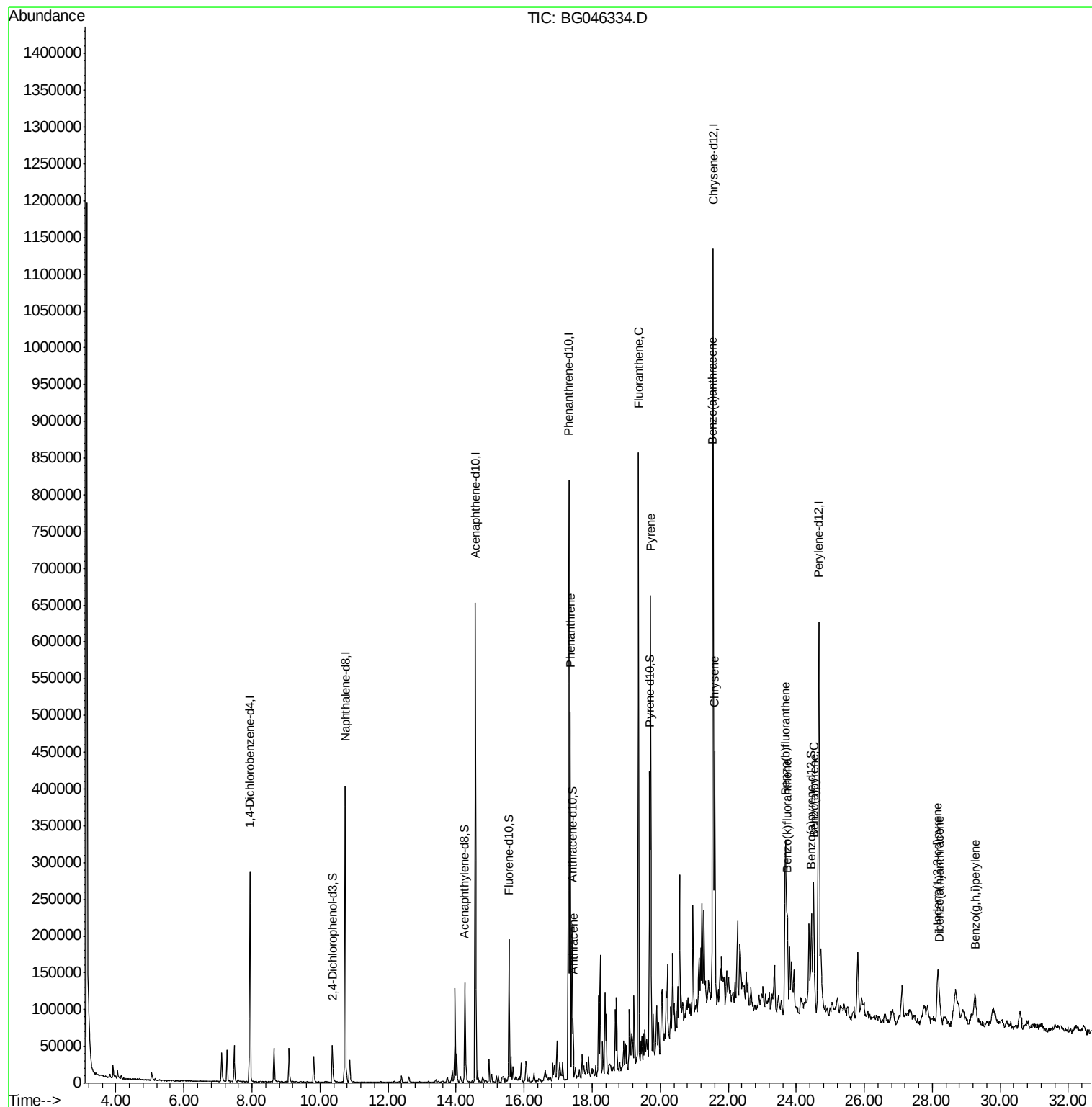
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046334.D
Acq On : 18 Aug 2020 19:12
Operator : CG/JU
Sample : L3636-03
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ALS Vial : 41 Sample Multiplier: 1

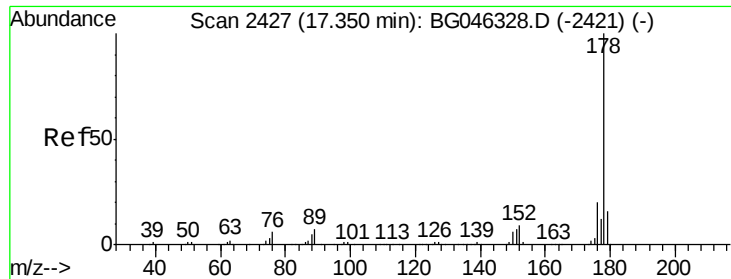
Instrument :
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ClientSampleId :
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Quant Time: Aug 19 01:39:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
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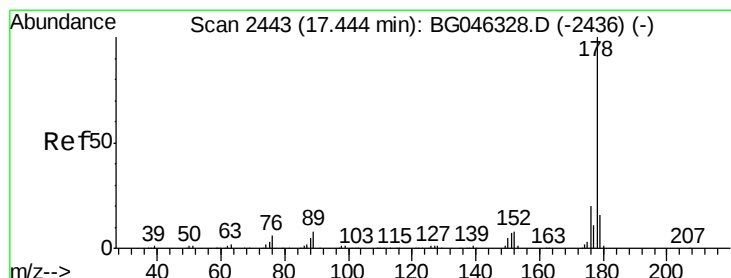
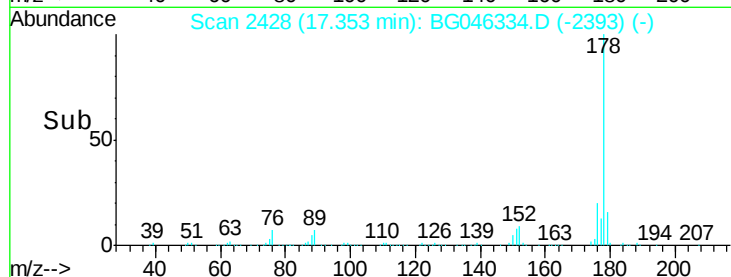
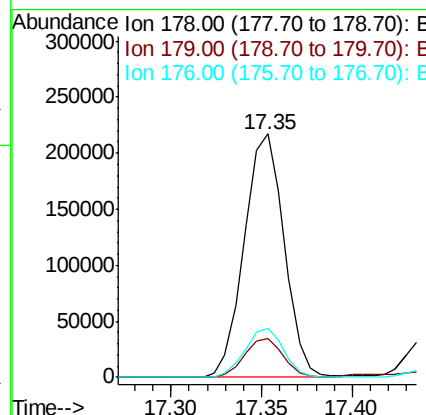
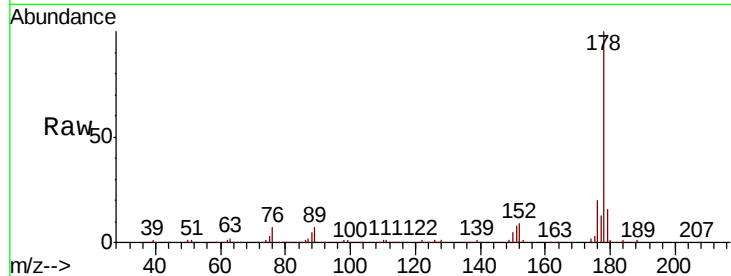
#14
Phenanthrene
Concen: 11.342 ng/ul
RT: 17.35 min Scan# 2428
Delta R.T. 0.00 min
Lab File: BG046334.D
Acq: 18 Aug 2020 19:12

Instrument :
BNA_G
ClientSampled :
BFMJ9

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.8	19.2
176	19.9	15.8	23.8

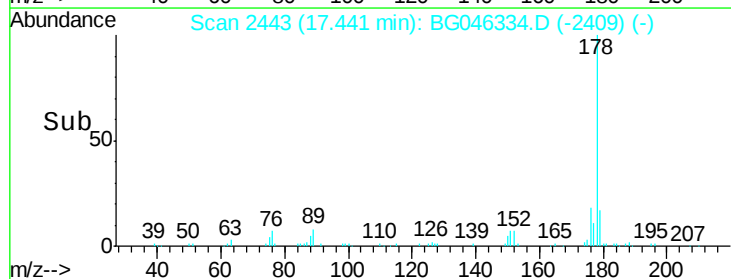
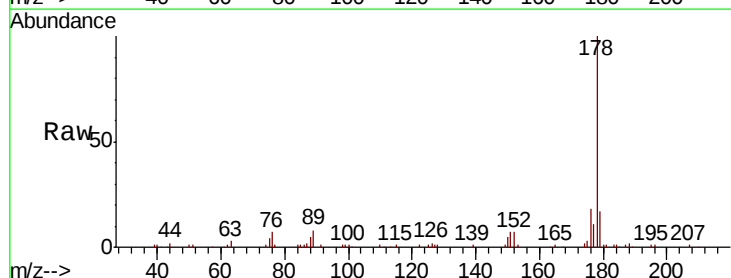
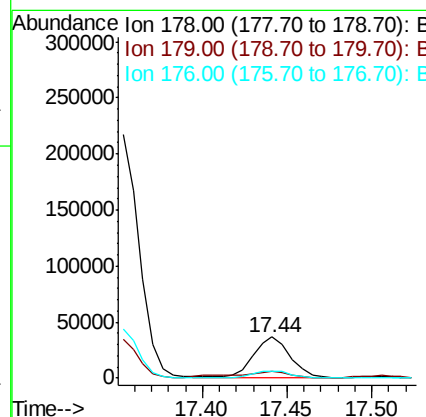
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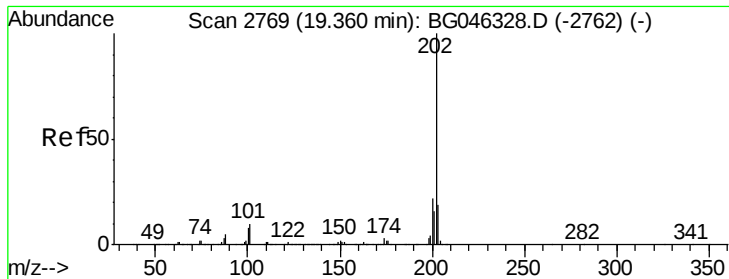
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#16
Anthracene
Concen: 1.884 ng/ul
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG046334.D
Acq: 18 Aug 2020 19:12

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.4	13.2	19.8
176	17.9	15.2	22.8





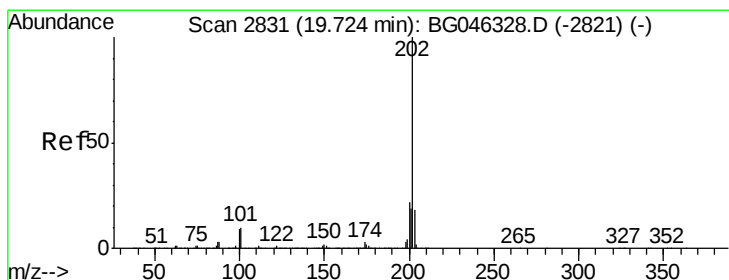
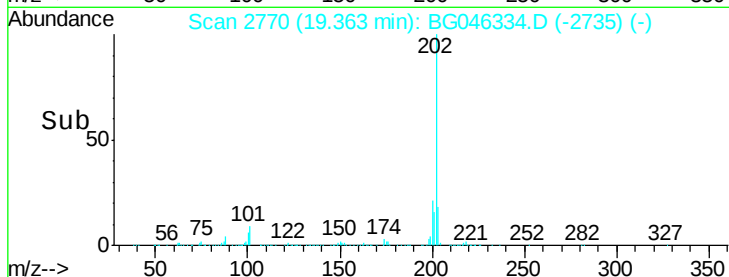
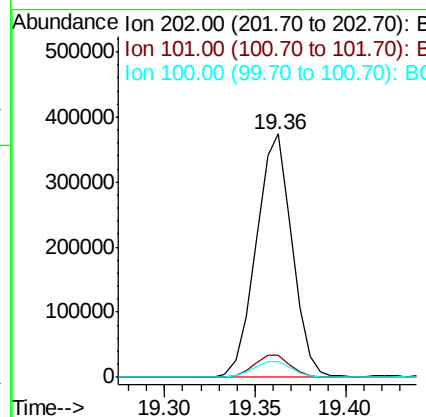
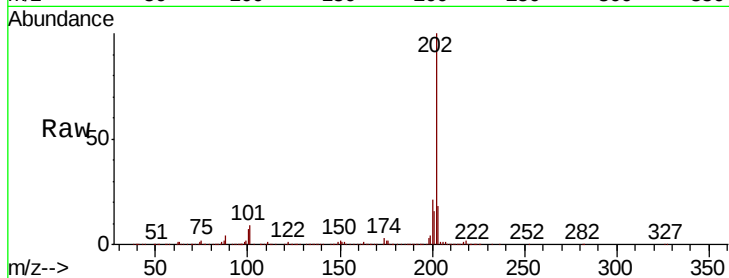
#17
Fluoranthene
 Concen: 15.654 ng/ul
 RT: 19.36 min Scan# 2770
 Delta R.T. 0.00 min
 Lab File: BG046334.D
 Acq: 18 Aug 2020 19:12

Instrument :
 BNA_G
 ClientSampleId :
 BFMJ9

Tot Ion:	202	Resp:	511933
Ion Ratio	Lower	Upper	
202	100		
101	9.1	7.8	11.6
100	6.5	5.9	8.9

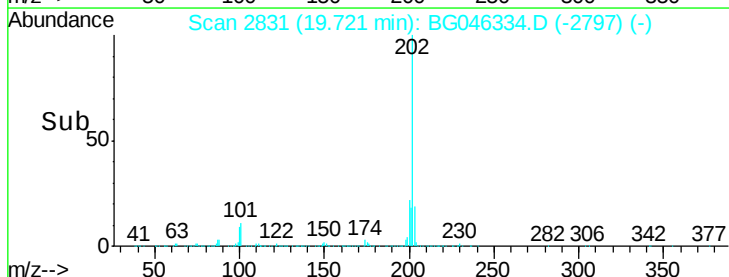
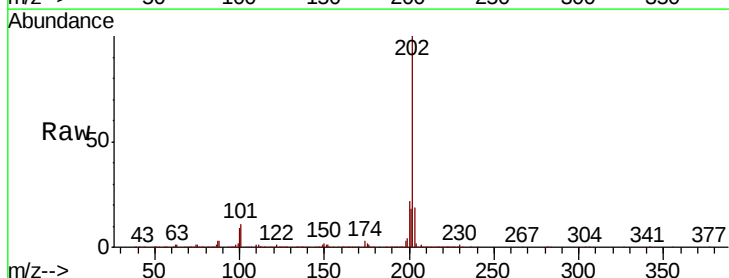
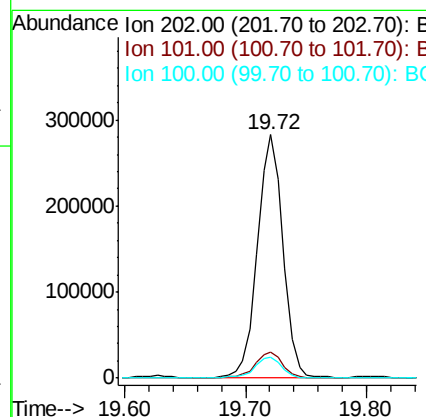
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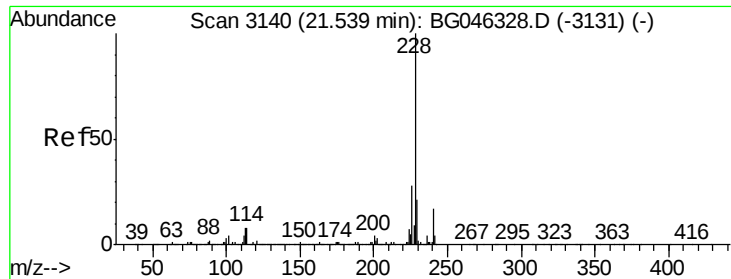
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#20
Pyrene
 Concen: 11.758 ng/ul
 RT: 19.72 min Scan# 2831
 Delta R.T. -0.00 min
 Lab File: BG046334.D
 Acq: 18 Aug 2020 19:12

Tgt Ion:	202	Resp:	415474
Ion Ratio	Lower	Upper	
202	100		
101	10.7	8.9	13.3
100	8.8	7.9	11.9





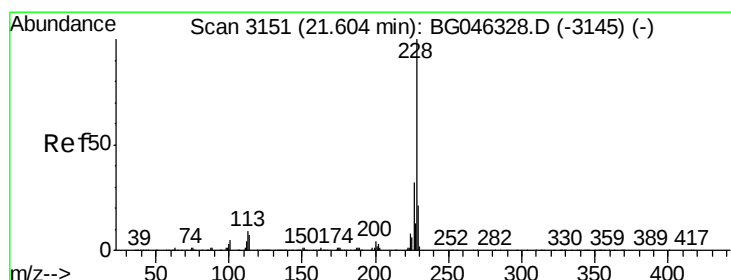
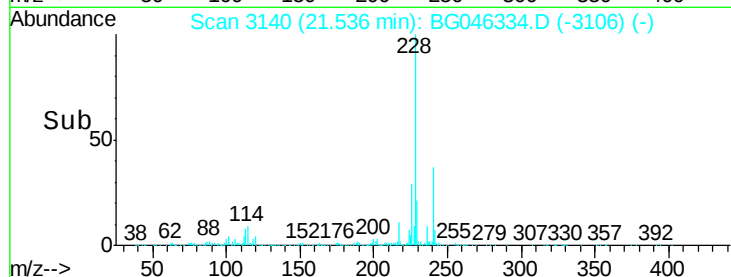
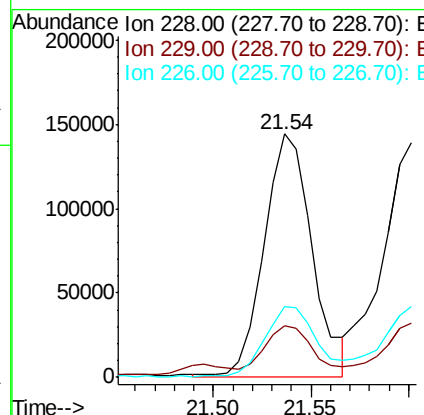
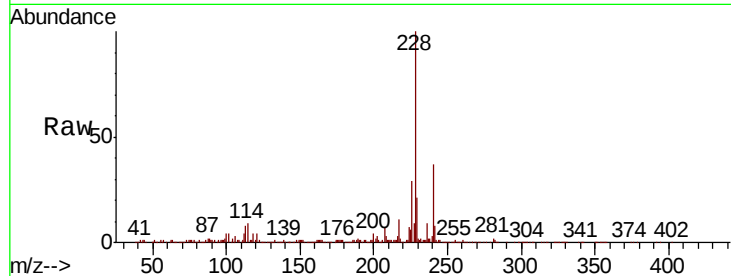
#21
Benzo(a)anthracene
Concen: 6.973 ng/ul
RT: 21.54 min Scan# 3140
Delta R.T. -0.00 min
Lab File: BG046334.D
Acq: 18 Aug 2020 19:12

Instrument :
BNA_G
ClientSampleId :
BFMJ9

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.2	16.6	25.0
226	29.0	22.6	33.8

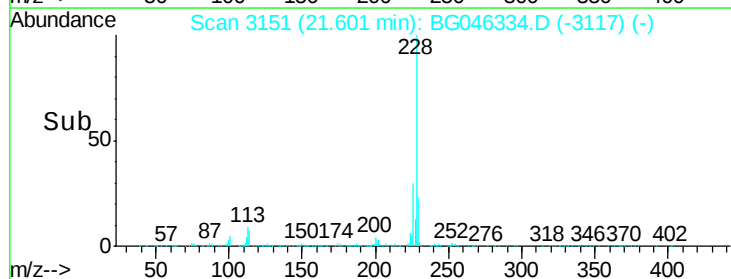
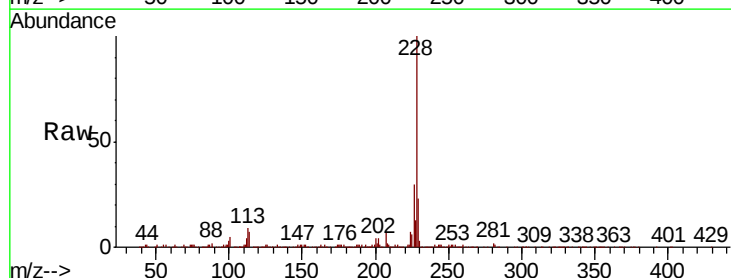
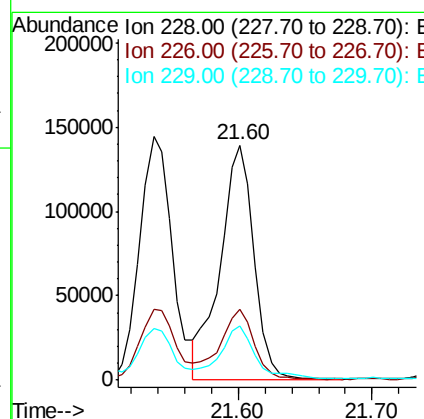
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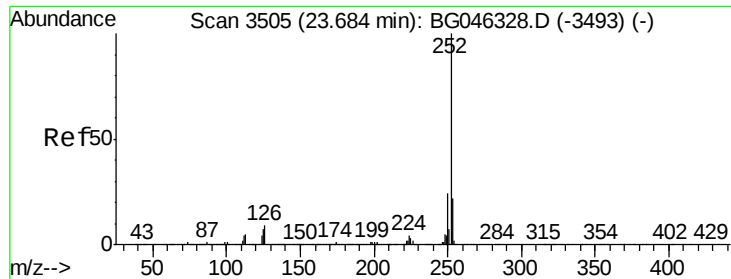
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#22
Chrysene
Concen: 7.235 ng/ul
RT: 21.60 min Scan# 3151
Delta R.T. -0.00 min
Lab File: BG046334.D
Acq: 18 Aug 2020 19:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.5	38.3
229	23.1	17.0	25.4





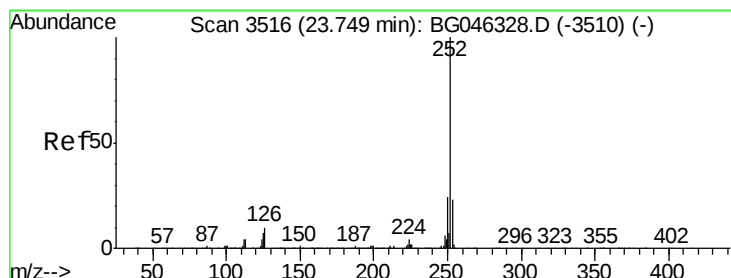
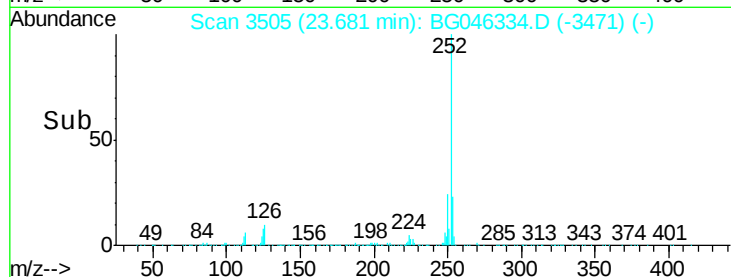
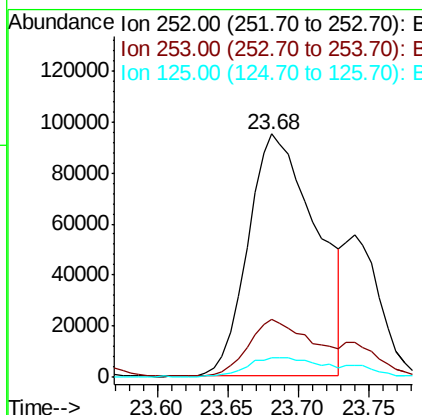
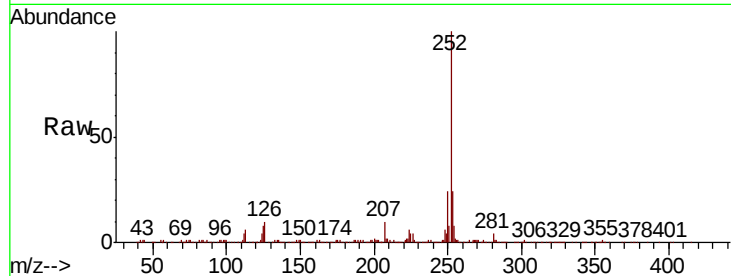
#24
Benzo(b)fluoranthene
Concen: 8.383 ng/ul
RT: 23.68 min Scan# 3505
Delta R.T. -0.00 min
Lab File: BG046334.D
Acq: 18 Aug 2020 19:12

Instrument :
BNA_G
ClientSampleId :
BFMJ9

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.8	26.6
125	8.2	6.4	9.6

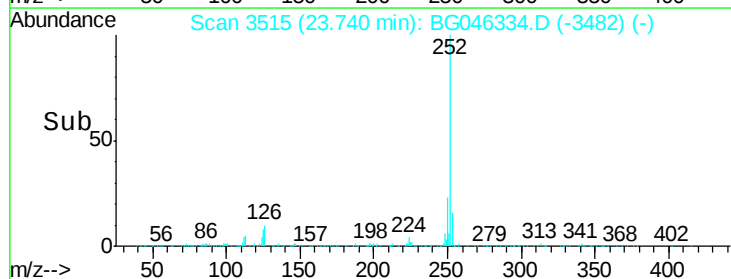
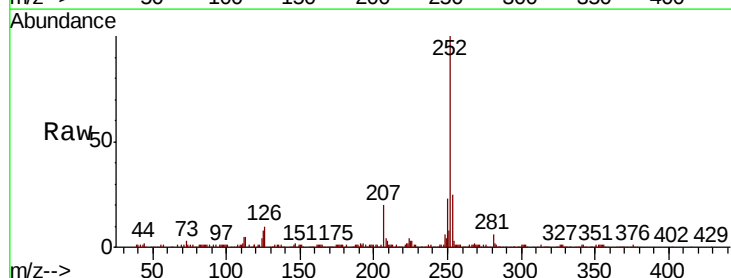
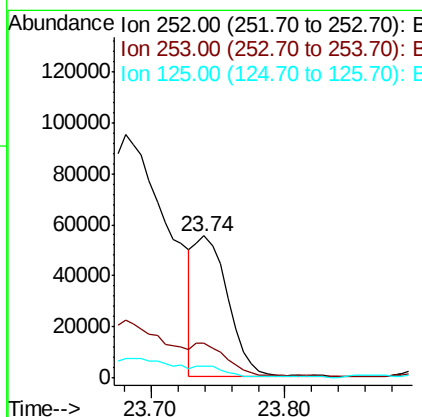
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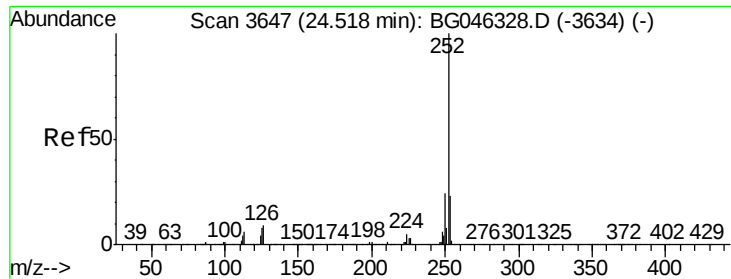
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#25
Benzo(k)fluoranthene
Concen: 2.528 ng/ul m
RT: 23.74 min Scan# 3515
Delta R.T. -0.01 min
Lab File: BG046334.D
Acq: 18 Aug 2020 19:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.5	27.7
125	8.3	6.2	9.2





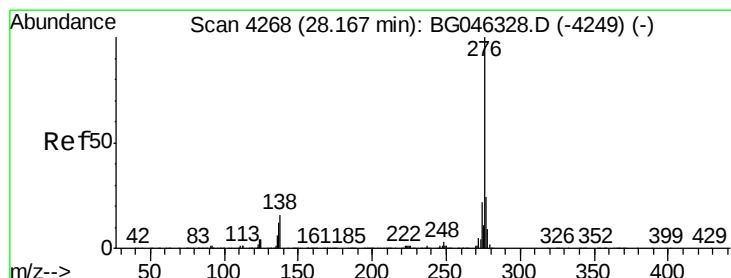
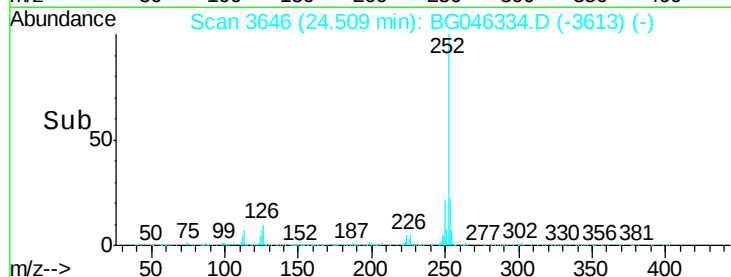
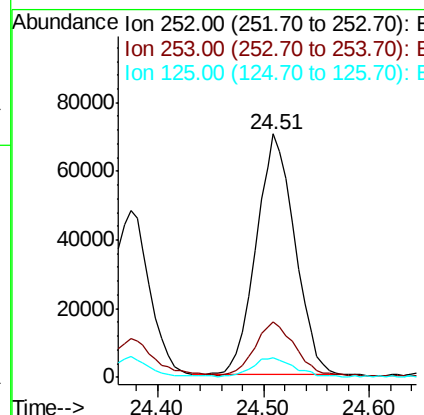
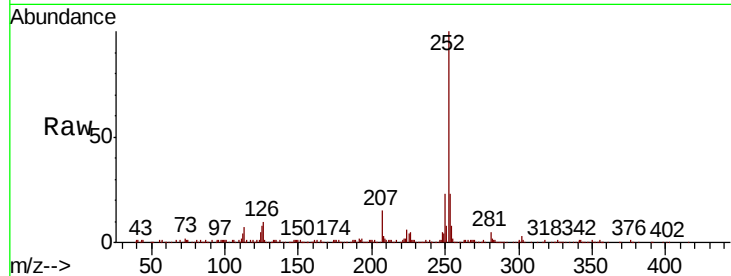
#27
Benzo(a)pyrene
Concen: 5.101 ng/ul
RT: 24.51 min Scan# 3646
Delta R.T. -0.01 min
Lab File: BG046334.D
Acq: 18 Aug 2020 19:12

Instrument :
BNA_G
ClientSampled :
BFMJ9

Tot Ion:	252	Resp:	177720
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.8	26.8
125	7.9	7.1	10.7

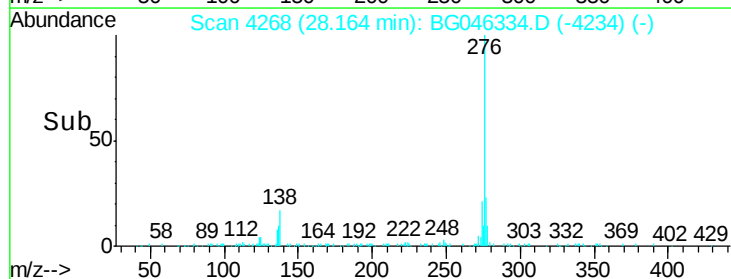
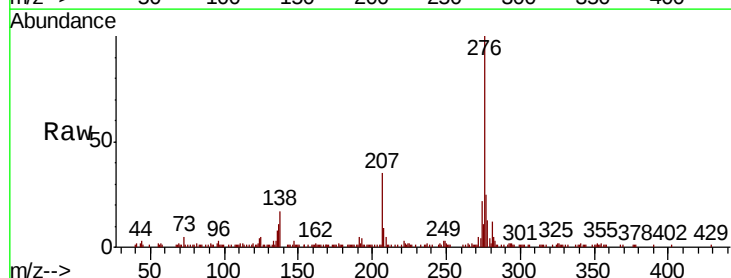
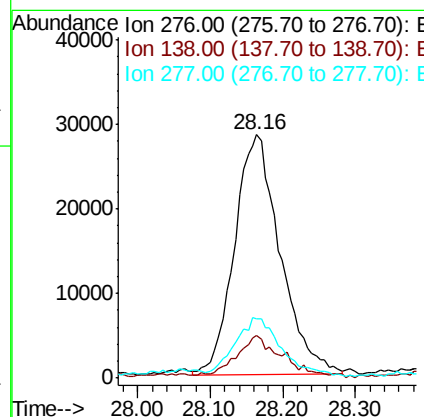
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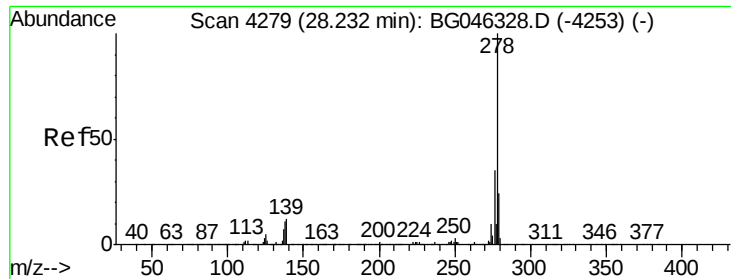
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#28
Indeno(1,2,3-cd)pyrene
Concen: 2.847 ng/ul
RT: 28.16 min Scan# 4268
Delta R.T. -0.00 min
Lab File: BG046334.D
Acq: 18 Aug 2020 19:12

Tgt Ion:	276	Resp:	124195
Ion Ratio	Lower	Upper	
276	100		
138	17.4	13.2	19.8
277	24.6	19.9	29.9





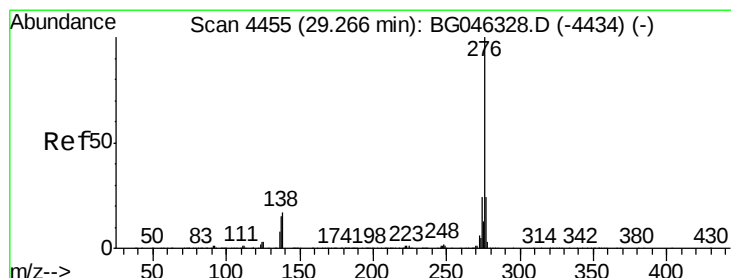
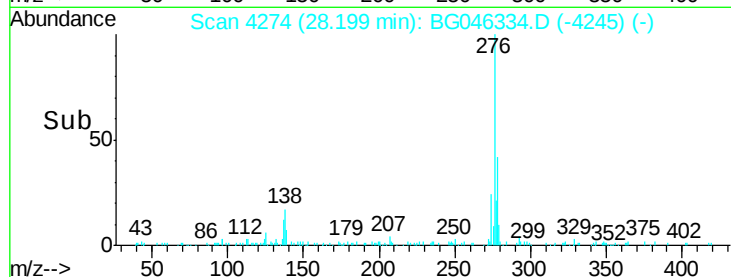
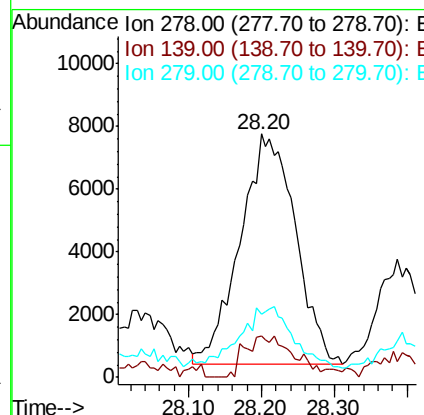
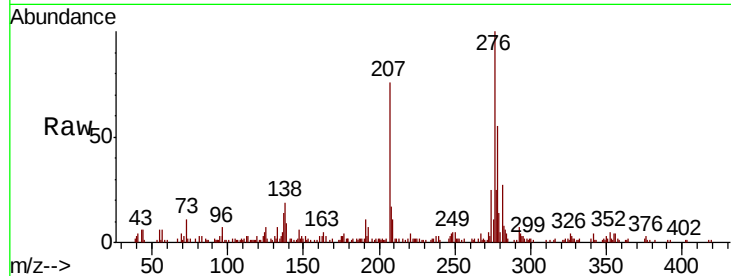
#29
Dibenzo(a,h)anthracene
Concen: 1.086 ng/ul m
RT: 28.20 min Scan# 4274
Delta R.T. -0.03 min
Lab File: BG046334.D
Acq: 18 Aug 2020 19:12

Instrument :
BNA_G
ClientSampleId :
BFMJ9

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.9	9.8	14.8#
279	26.1	19.7	29.5

Manual Integrations
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#30
Benzo(g,h,i)perylene
Concen: 2.175 ng/ul
RT: 29.25 min Scan# 4453
Delta R.T. -0.01 min
Lab File: BG046334.D
Acq: 18 Aug 2020 19:12

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.5	12.9	19.3
277	24.1	19.4	29.0

