

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
 Data File : BG046378.D
 Acq On : 20 Aug 2020 14:33
 Operator : CG/JU
 Sample : L3634-01
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFME9

Manual Integrations
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Quant Time: Aug 20 15:13:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 20 11:14:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	96936	20.00	ng/ul	0.00
2) Naphthalene-d8	10.73	136	395517	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.56	164	260031	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	580131	20.00	ng/ul	0.00
18) Chrysene-d12	21.56	240	562213	20.00	ng/ul	0.00
23) Perylene-d12	24.66	264	599700	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	104529	15.35	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	396779	16.58	ng/ul	0.00
10) Fluorene-d10	15.56	176	311043	16.96	ng/ul	0.00
15) Anthracene-d10	17.41	188	434282	16.15	ng/ul	0.00
19) Pyrene-d10	19.69	212	497580	17.19	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.45	264	525380	16.05	ng/ul	0.00
Target Compounds				Qvalue		
14) Phenanthrene	17.35	178	321508	10.074	ng/ul	99
16) Anthracene	17.44	178	49007	1.522	ng/ul	98
17) Fluoranthene	19.36	202	608428	17.097	ng/ul	99
20) Pyrene	19.72	202	548674	14.868	ng/ul	98
21) Benzo(a)anthracene	21.54	228	280988	7.682	ng/ul	98
22) Chrysene	21.60	228	333508	9.431	ng/ul	98
24) Benzo(b)fluoranthene	23.68	252	431233	10.874	ng/ul	99
25) Benzo(k)fluoranthene	23.74	252	169007m	4.296	ng/ul	
27) Benzo(a)pyrene	24.52	252	272068	7.473	ng/ul	99
28) Indeno(1,2,3-cd)pyrene	28.18	276	194805	4.273	ng/ul	99
29) Dibenzo(a,h)anthracene	28.22	278	51482	1.393	ng/ul	95
30) Benzo(a,h,i)perylene	29.26	276	160970	4.219	ng/ul	99

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

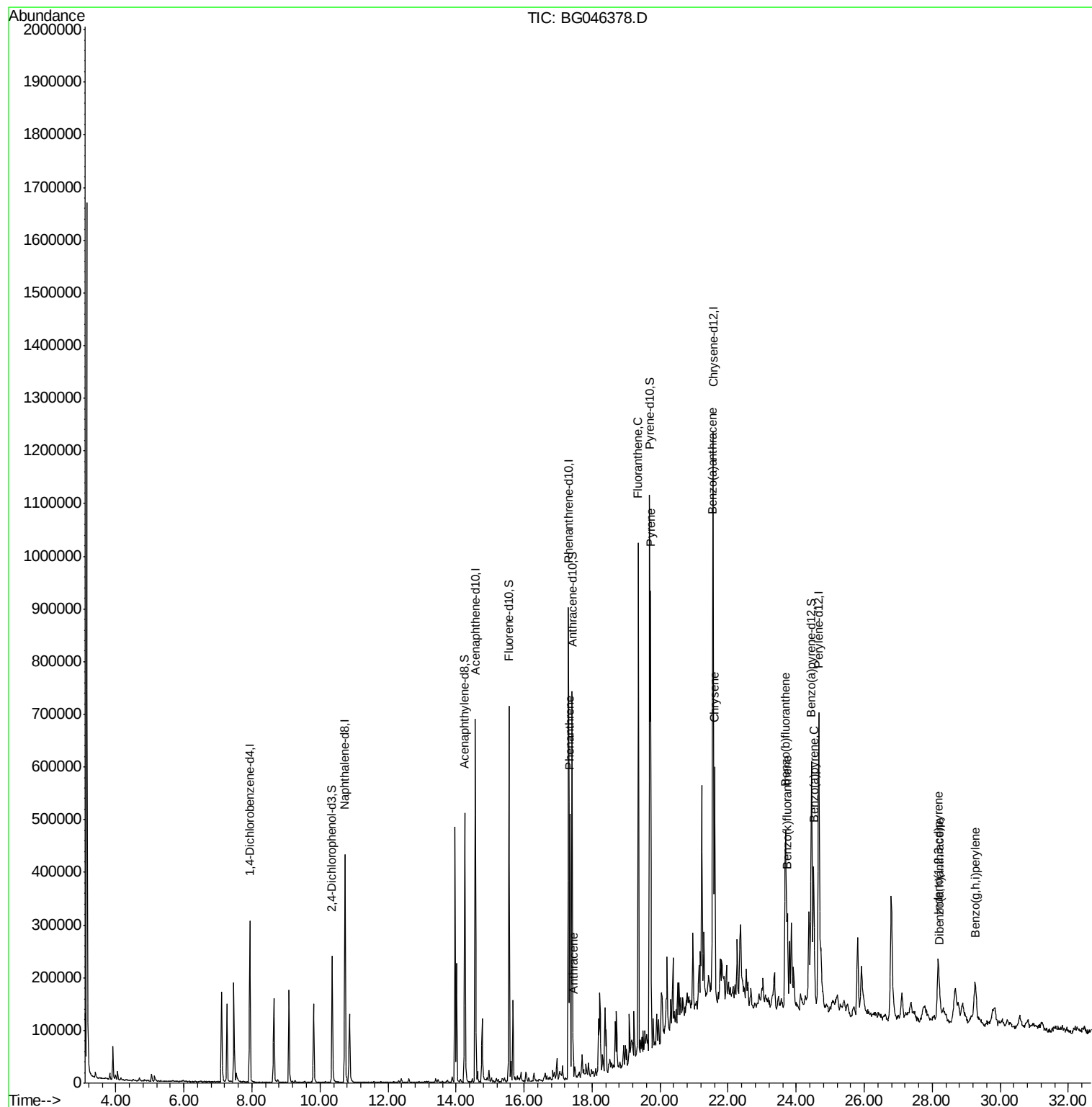
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046378.D
Acq On : 20 Aug 2020 14:33
Operator : CG/JU
Sample : L3634-01
Misc :
ALS Vial : 42 Sample Multiplier: 1

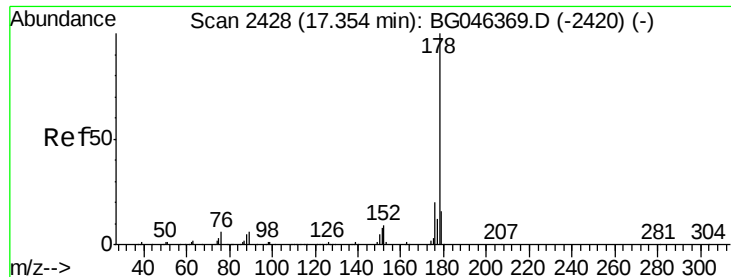
Instrument :
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Quant Time: Aug 20 15:13:10 2020
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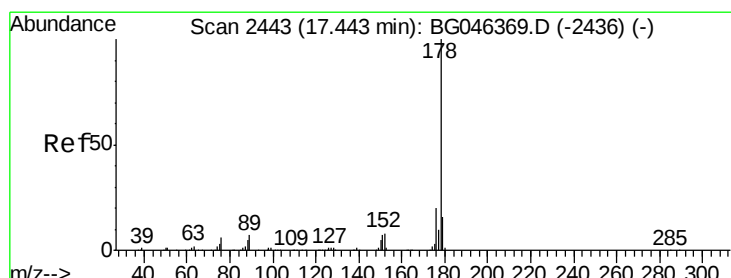
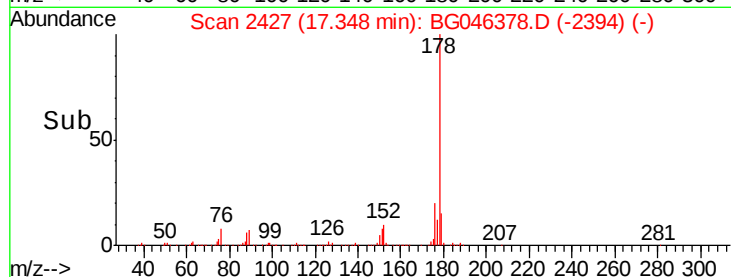
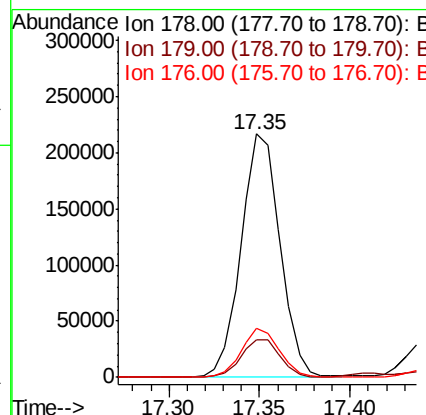
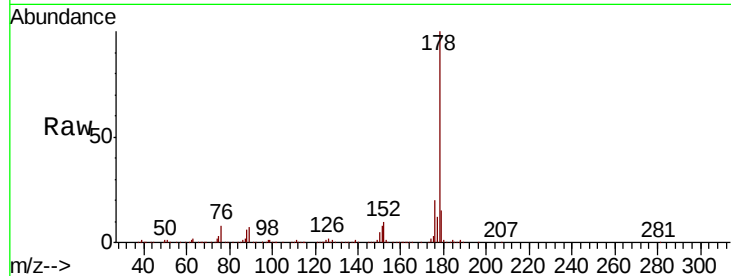
#14
Phenanthrene
Concen: 10.074 ng/ul
RT: 17.35 min Scan# 2427
Delta R.T. -0.01 min
Lab File: BG046378.D
Acq: 20 Aug 2020 14:33

Instrument :
BNA_G
ClientSampled :
BFME9

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.8	19.2
176	19.9	15.8	23.8

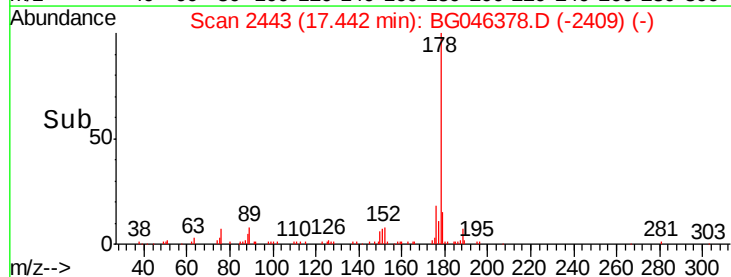
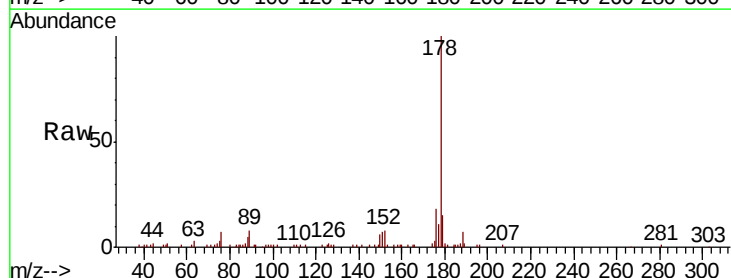
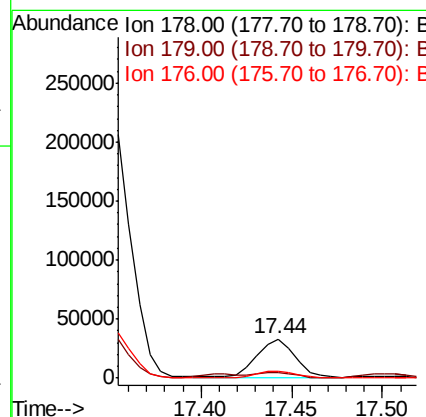
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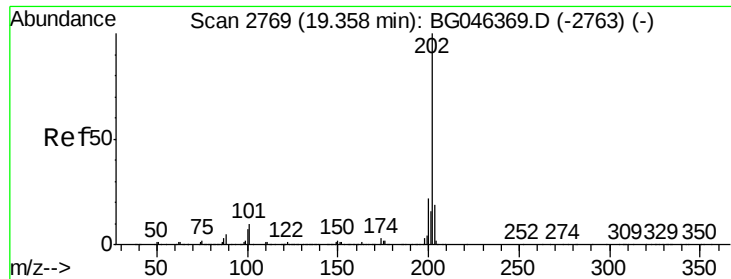
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#16
Anthracene
Concen: 1.522 ng/ul
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG046378.D
Acq: 20 Aug 2020 14:33

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.8	13.2	19.8
176	18.4	15.2	22.8





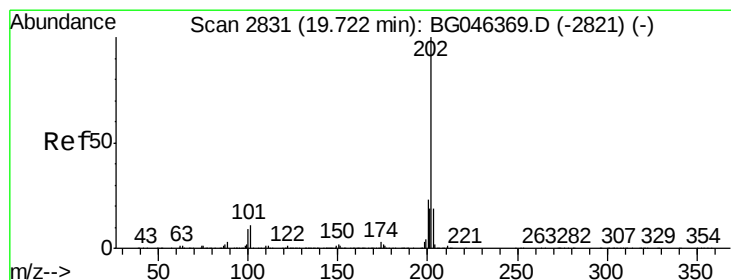
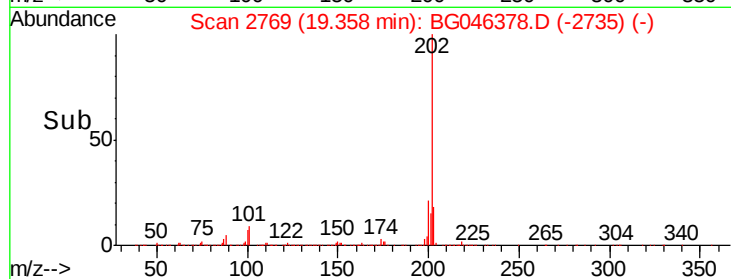
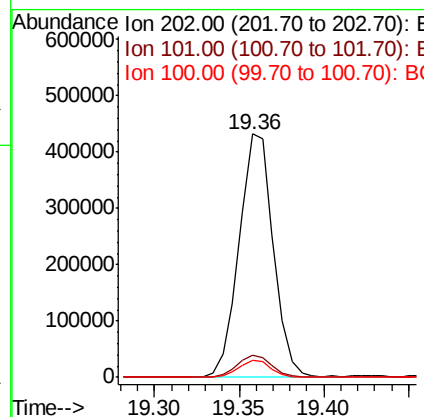
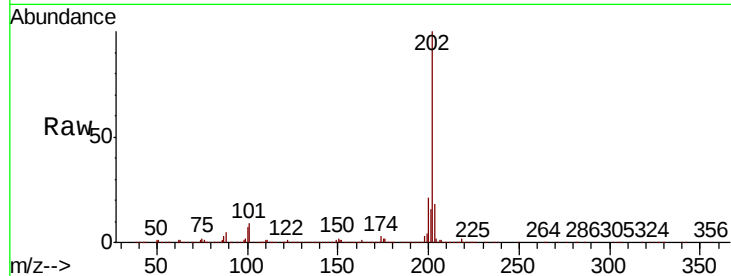
#17
Fluoranthene
 Concen: 17.097 ng/ul
 RT: 19.36 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: BG046378.D
 Acq: 20 Aug 2020 14:33

Instrument :
 BNA_G
 ClientSampleID :
 BFME9

Tot Ion	Ratio	Resp	Lower	Upper
202	100	608428		
101	9.4	7.8	11.6	
100	7.1	5.9	8.9	

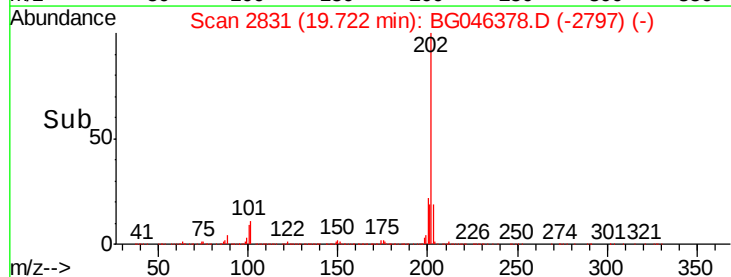
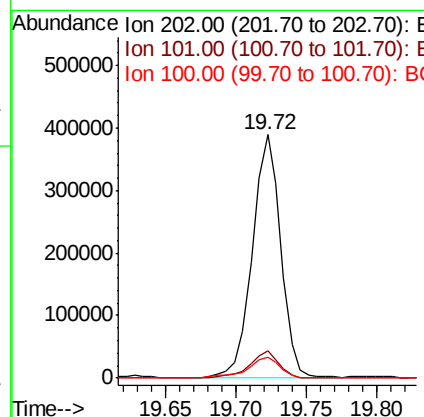
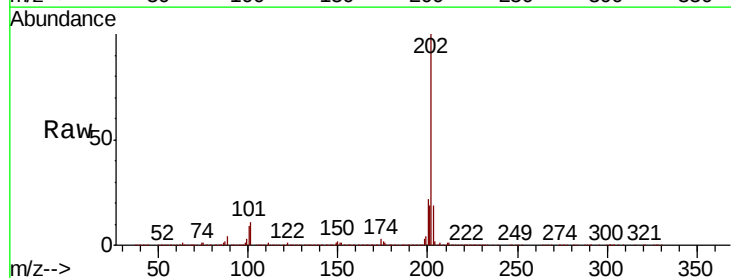
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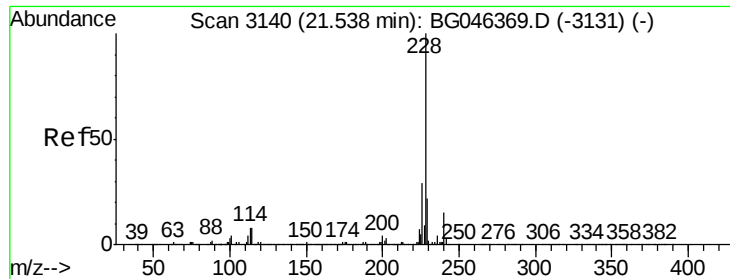
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#20
Pyrene
 Concen: 14.868 ng/ul
 RT: 19.72 min Scan# 2831
 Delta R.T. -0.00 min
 Lab File: BG046378.D
 Acq: 20 Aug 2020 14:33

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	548674		
101	11.2	8.9	13.3	
100	8.8	7.9	11.9	





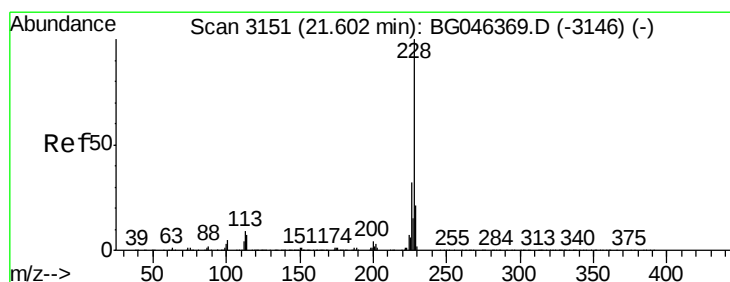
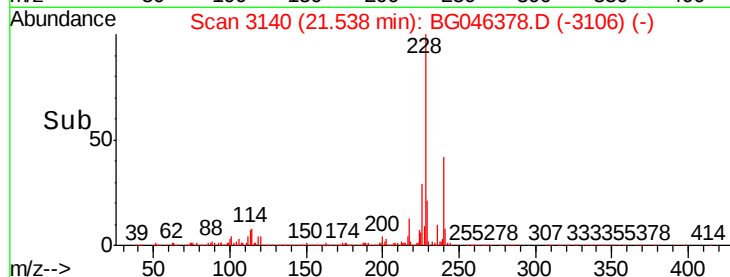
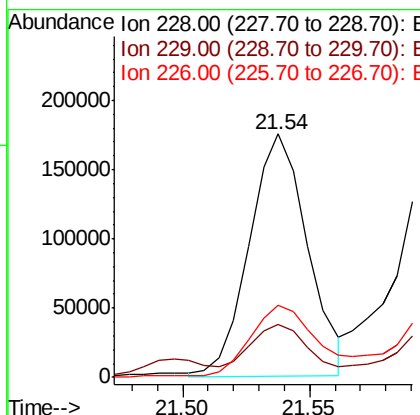
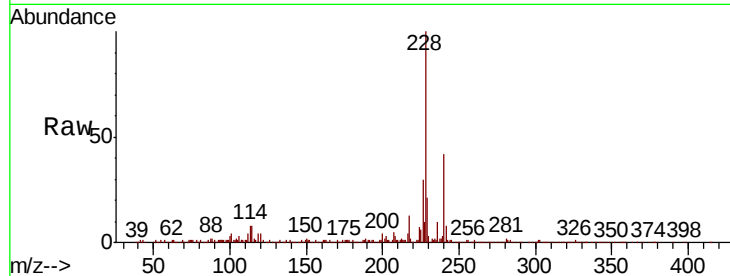
#21
Benzo(a)anthracene
Concen: 7.682 ng/ul
RT: 21.54 min Scan# 3140
Delta R.T. -0.00 min
Lab File: BG046378.D
Acq: 20 Aug 2020 14:33

Instrument :
BNA_G
ClientSampleId :
BFME9

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.5	16.6	25.0
226	29.7	22.6	33.8

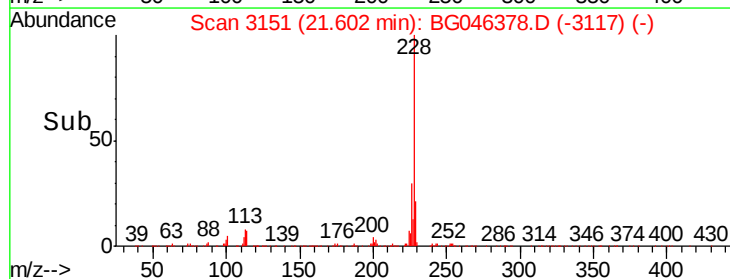
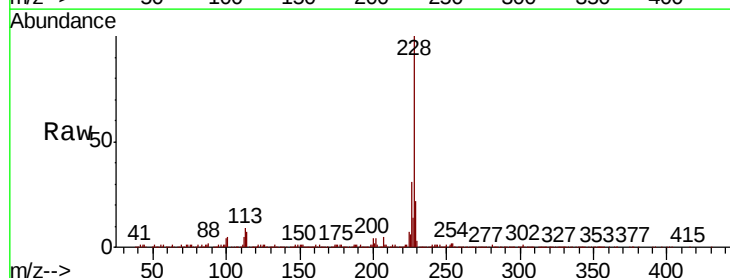
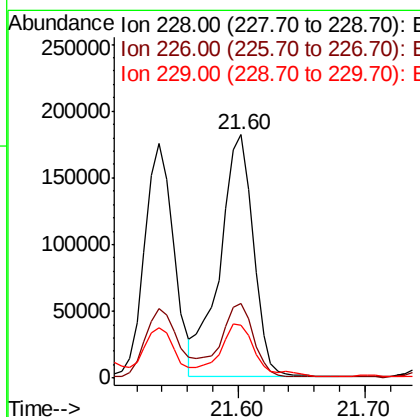
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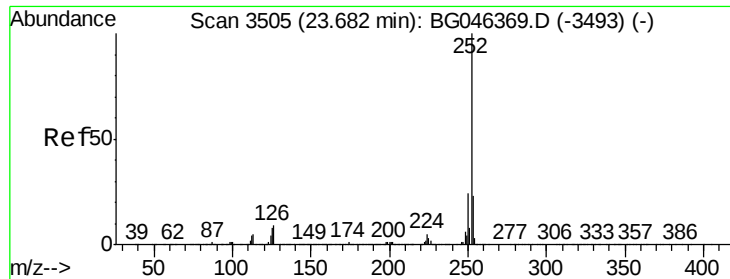
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#22
Chrysene
Concen: 9.431 ng/ul
RT: 21.60 min Scan# 3151
Delta R.T. -0.00 min
Lab File: BG046378.D
Acq: 20 Aug 2020 14:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.5	38.3
229	21.8	17.0	25.4





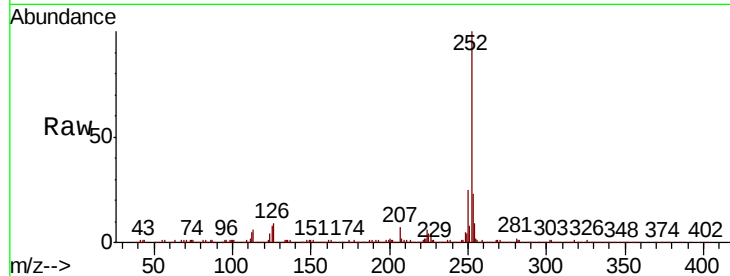
#24
Benzo(b)fluoranthene
Concen: 10.874 ng/ul
RT: 23.68 min Scan# 3505
Delta R.T. -0.00 min
Lab File: BG046378.D
Acq: 20 Aug 2020 14:33

Instrument :
BNA_G
ClientSampleId :
BFME9

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.6
125	8.4	6.4	9.6

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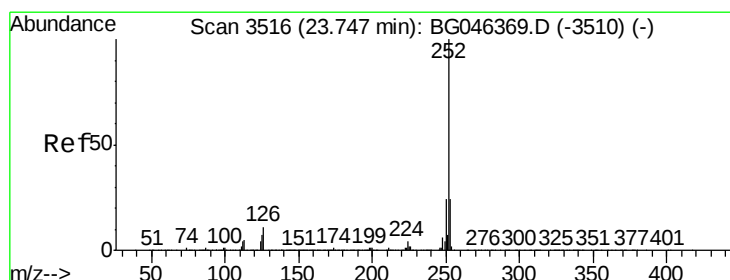
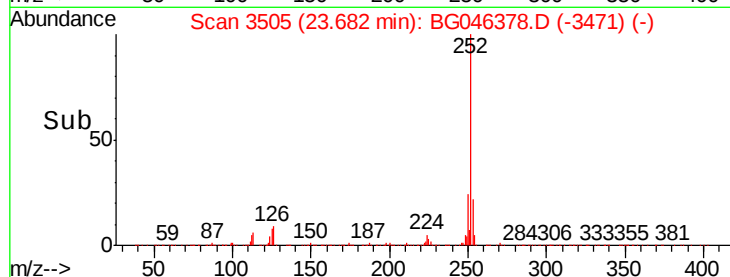
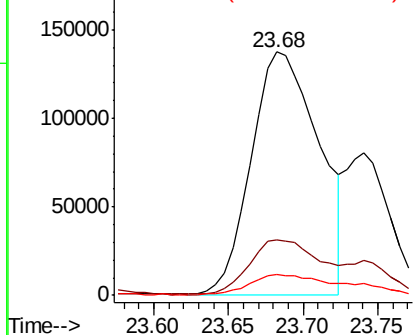


Abundance

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



#25
Benzo(k)fluoranthene
Concen: 4.296 ng/ul m
RT: 23.74 min Scan# 3515
Delta R.T. -0.01 min
Lab File: BG046378.D
Acq: 20 Aug 2020 14:33

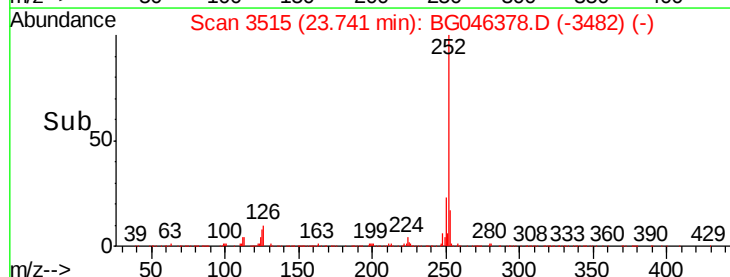
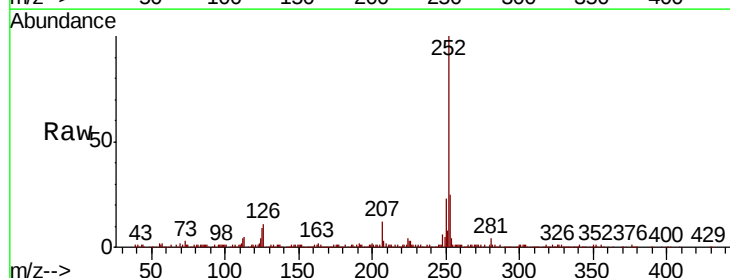
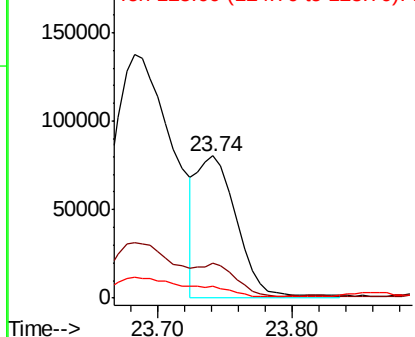
Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.5	27.7
125	8.5	6.2	9.2

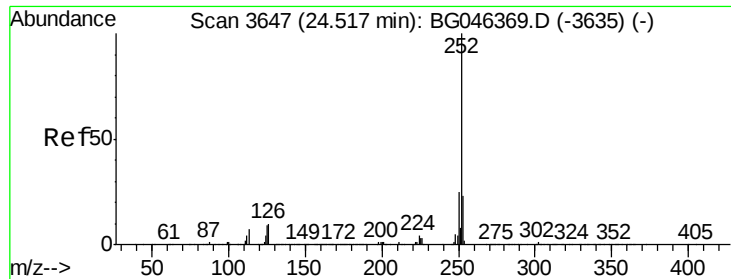
Abundance

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





#27

Benzo(a)pyrene

Concen: 7.473 ng/ul

RT: 24.52 min Scan# 3647

Delta R.T. -0.00 min

Lab File: BG046378.D

Acq: 20 Aug 2020 14:33

Instrument :

BNA_G

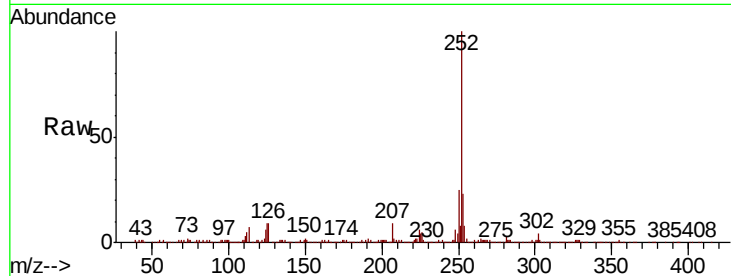
ClientSampleId :

BFME9

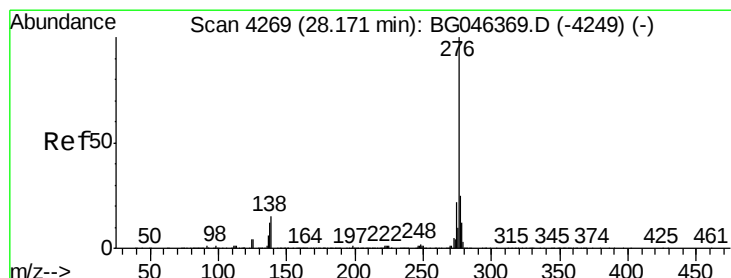
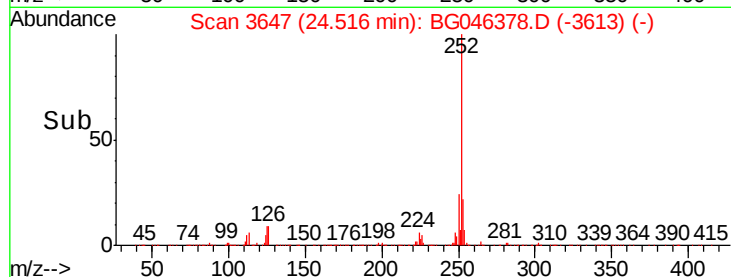
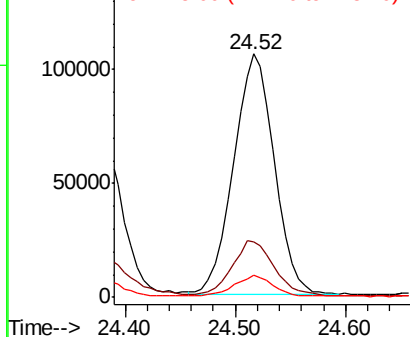
Tot Ion:	252	Resp:	272068
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.8	26.8
125	8.9	7.1	10.7

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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: 4.273 ng/ul

RT: 28.18 min Scan# 4270

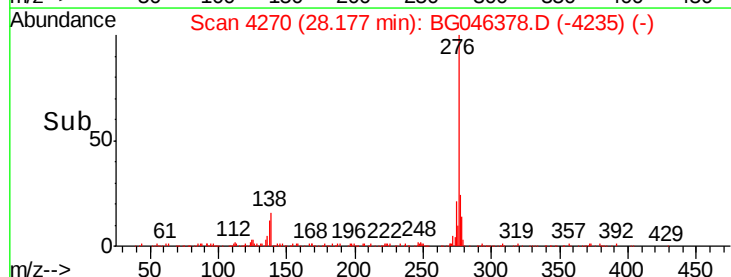
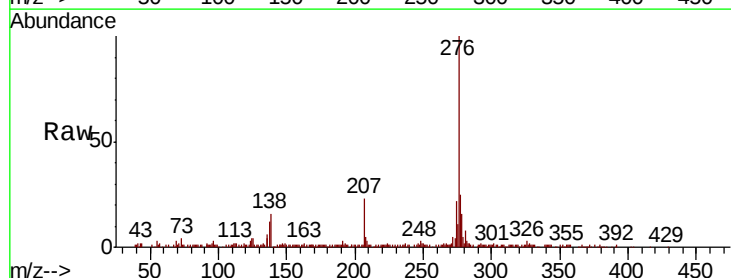
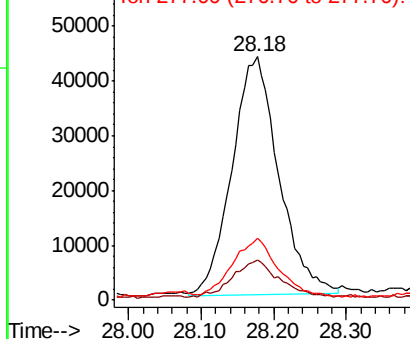
Delta R.T. 0.01 min

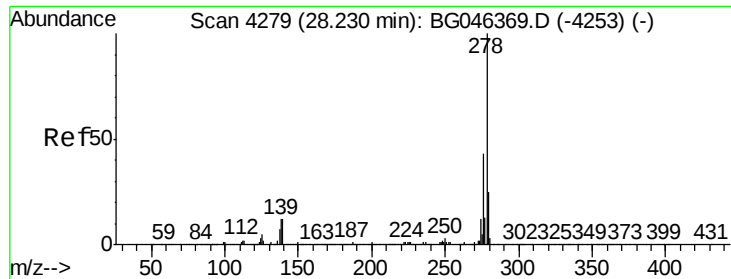
Lab File: BG046378.D

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Tgt Ion:	276	Resp:	194805
Ion Ratio	Lower	Upper	
276	100		
138	16.3	13.2	19.8
277	25.3	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





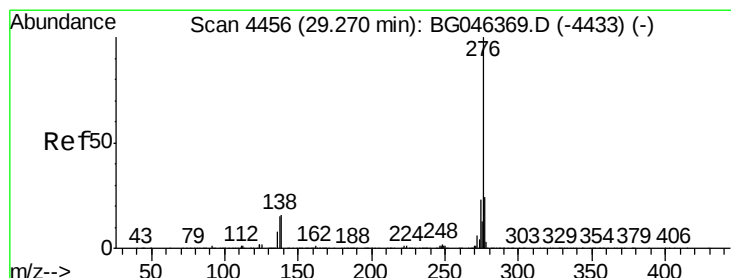
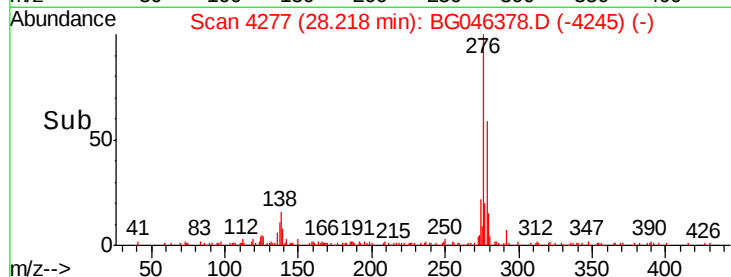
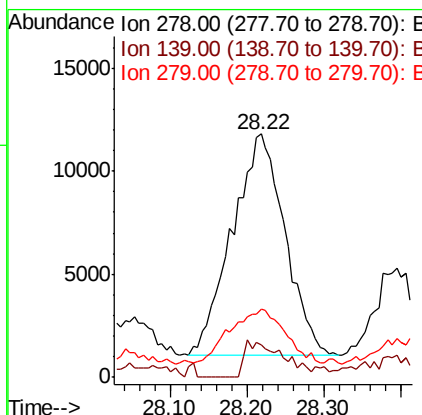
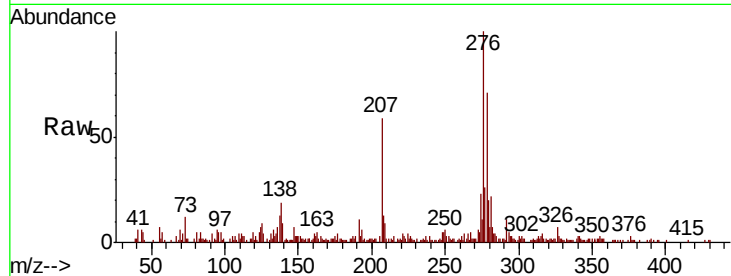
#29
Dibenzo(a,h)anthracene
Concen: 1.393 ng/ul
RT: 28.22 min Scan# 4277
Delta R.T. -0.01 min
Lab File: BG046378.D
Acq: 20 Aug 2020 14:33

Instrument :
BNA_G
ClientSampleId :
BFME9

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.1	9.8	14.8
279	27.8	19.7	29.5

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#30
Benzo(g,h,i)perylene
Concen: 4.219 ng/ul
RT: 29.26 min Scan# 4454
Delta R.T. -0.01 min
Lab File: BG046378.D
Acq: 20 Aug 2020 14:33

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.2	12.9	19.3
277	23.3	19.4	29.0

