

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
 Data File : BG046323.D
 Acq On : 18 Aug 2020 11:47
 Operator : CG/JU
 Sample : L3636-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFMJ7

Manual Integrations
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Quant Time: Aug 18 12:40:46 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	90125	20.00	ng/ul	-0.01
2) Naphthalene-d8	10.74	136	374479	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	245988	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	543379	20.00	ng/ul	0.00
18) Chrysene-d12	21.56	240	539300	20.00	ng/ul	0.00
23) Perylene-d12	24.66	264	575185	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	41309	6.41	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	165716	7.32	ng/ul	0.00
10) Fluorene-d10	15.56	176	139071	8.02	ng/ul	0.00
15) Anthracene-d10	17.41	188	198856	7.89	ng/ul	0.00
19) Pyrene-d10	19.69	212	219613	7.91	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.44	264	219500	6.99	ng/ul	-0.01
Target Compounds				Qvalue		
9) Acenaphthene	14.63	153	17332	1.055	ng/ul	98
11) Fluorene	15.61	166	23202	1.207	ng/ul	97
14) Phenanthrene	17.35	178	329908	11.036	ng/ul	99
16) Anthracene	17.44	178	73907	2.450	ng/ul	97
17) Fluoranthene	19.36	202	450286	13.509	ng/ul	100
20) Pyrene	19.72	202	378863	10.702	ng/ul	96
21) Benzo(a)anthracene	21.54	228	222282	6.335	ng/ul	98
22) Chrysene	21.60	228	209381	6.173	ng/ul	97
24) Benzo(b)fluoranthene	23.68	252	270882	7.122	ng/ul	98
25) Benzo(k)fluoranthene	23.74	252	94997m	2.518	ng/ul	
27) Benzo(a)pyrene	24.51	252	174295	4.991	ng/ul	98
28) Indeno(1,2,3-cd)pyrene	28.16	276	126474	2.893	ng/ul	96
29) Dibenzo(a,h)anthracene	28.19	278	39484m	1.114	ng/ul	
30) Benzo(g,h,i)perylene	29.25	276	88318	2.414	ng/ul	97

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

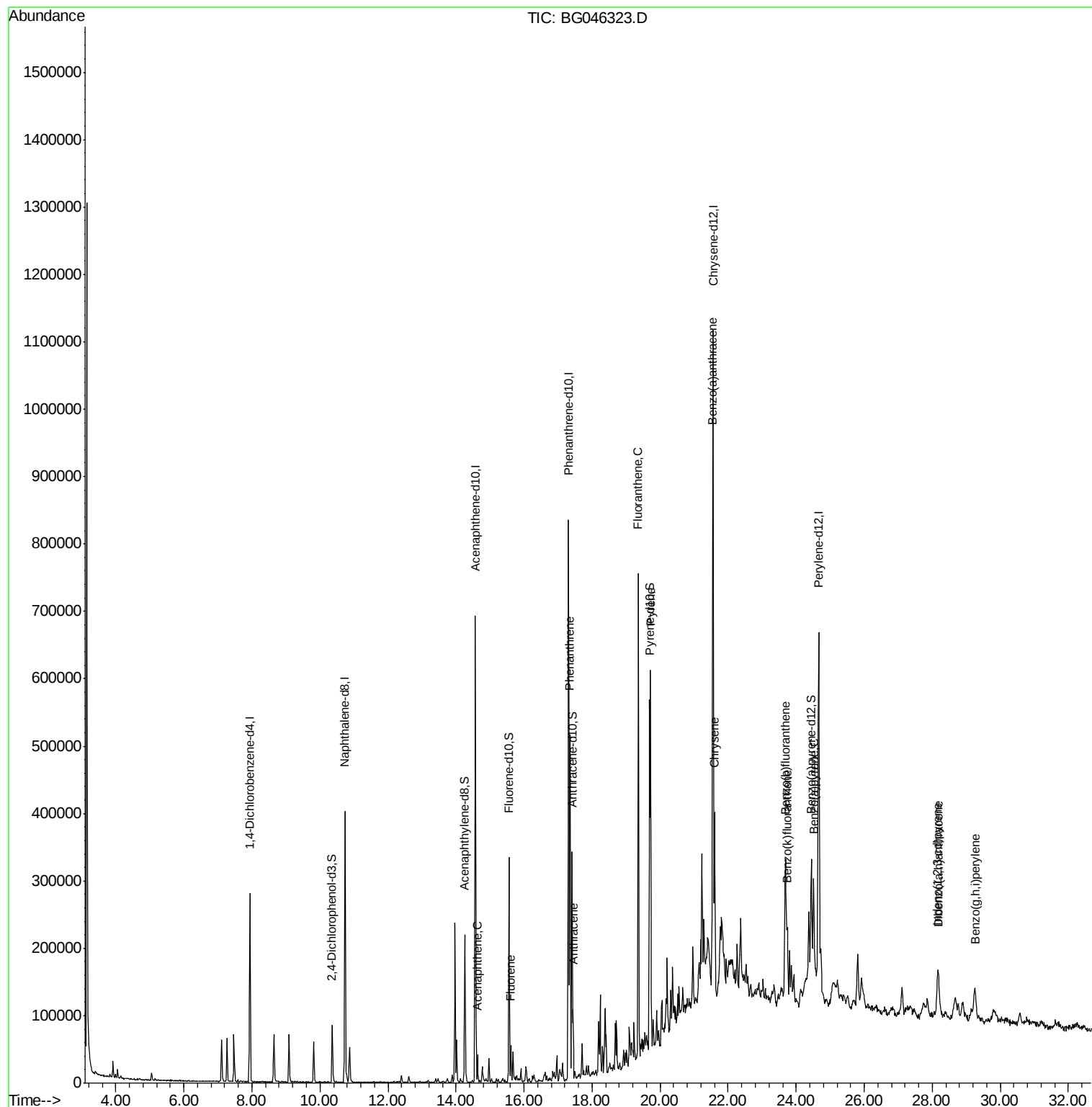
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046323.D
Acq On : 18 Aug 2020 11:47
Operator : CG/JU
Sample : L3636-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

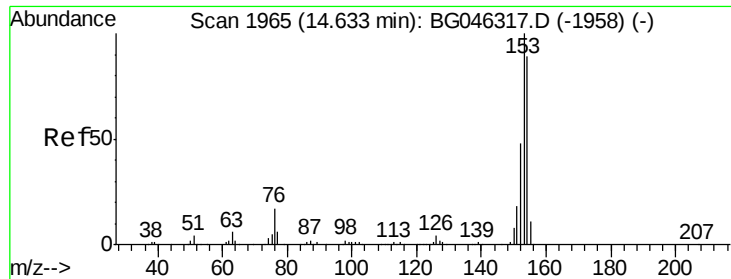
Instrument :
BNA_G
ClientSampleId :
BFMJ7

Quant Time: Aug 18 12:40:46 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

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#9

Acenaphthene

Concen: 1.055 ng/ul

RT: 14.63 min Scan# 1964

Delta R.T. -0.01 min

Lab File: BG046323.D

Acq: 18 Aug 2020 11:47

Instrument :

BNA_G

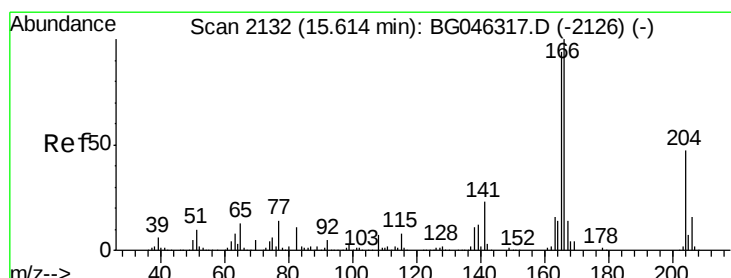
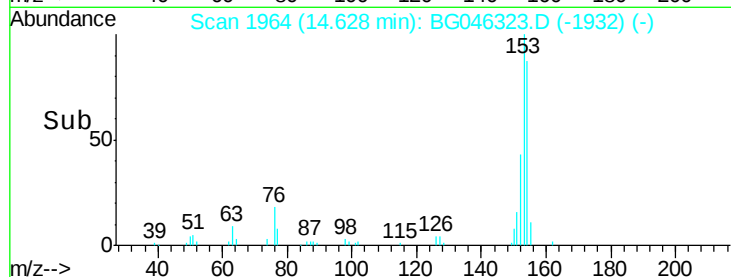
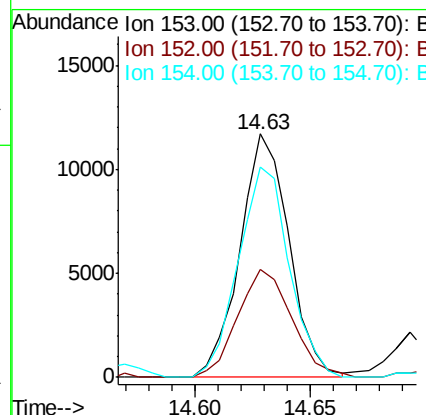
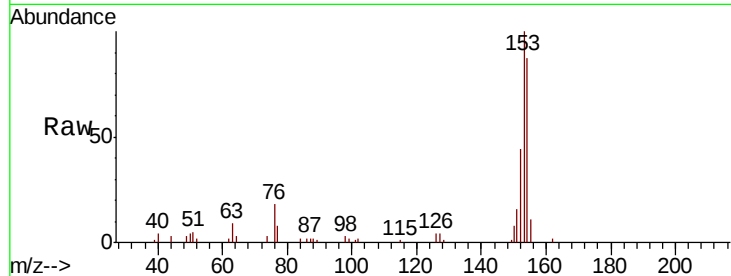
ClientSampleId :

BFMJ7

Tot Ion:	153	Resp:	17332
Ion	Ratio	Lower	Upper
153	100		
152	44.5	37.2	55.8
154	86.6	67.8	101.6

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#11

Fluorene

Concen: 1.207 ng/ul

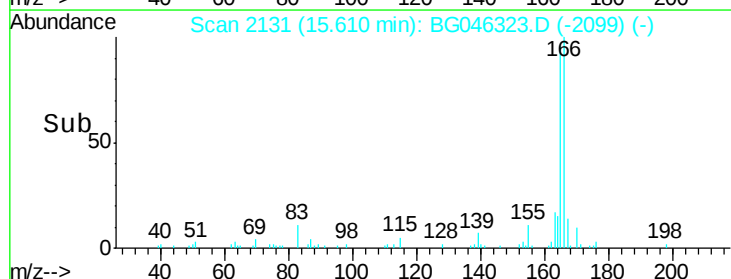
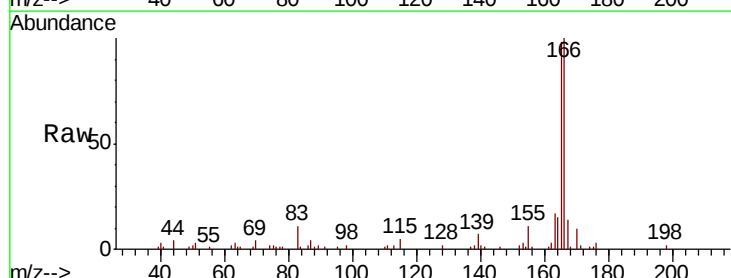
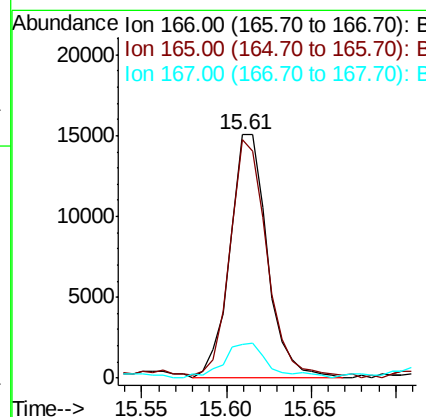
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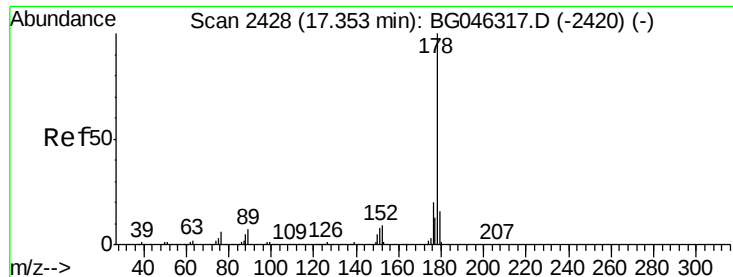
Delta R.T. -0.01 min

Lab File: BG046323.D

Acq: 18 Aug 2020 11:47

Tgt Ion:	166	Resp:	23202
Ion	Ratio	Lower	Upper
166	100		
165	97.7	75.9	113.9
167	13.9	10.7	16.1





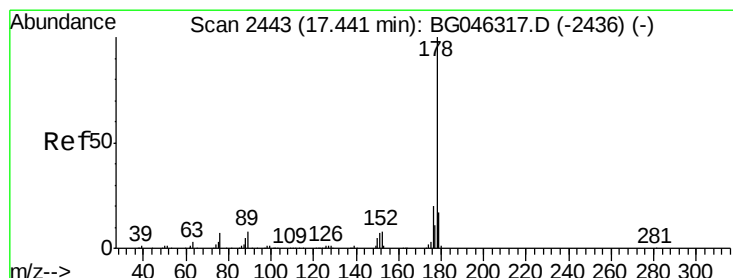
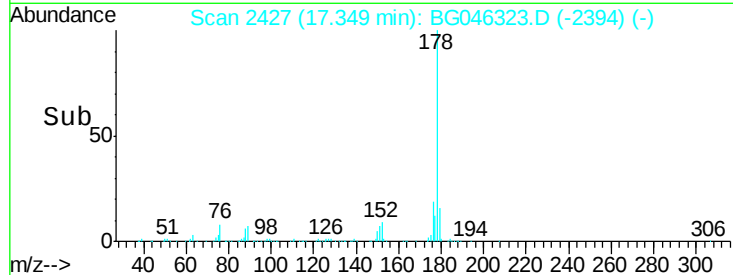
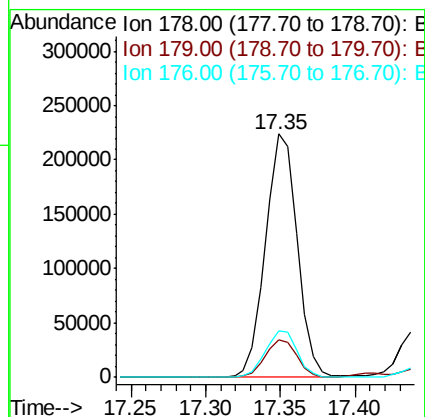
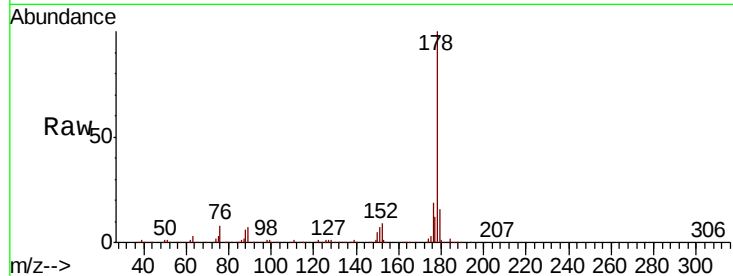
#14
Phenanthrene
Concen: 11.036 ng/ul
RT: 17.35 min Scan# 2427
Delta R.T. -0.01 min
Lab File: BG046323.D
Acq: 18 Aug 2020 11:47

Instrument :
BNA_G
ClientSampleId :
BFMJ7

Tot Ion:178	Resp:	329908
Ion Ratio	Lower	Upper
178	100	
179	15.6	12.8 19.2
176	19.0	15.8 23.8

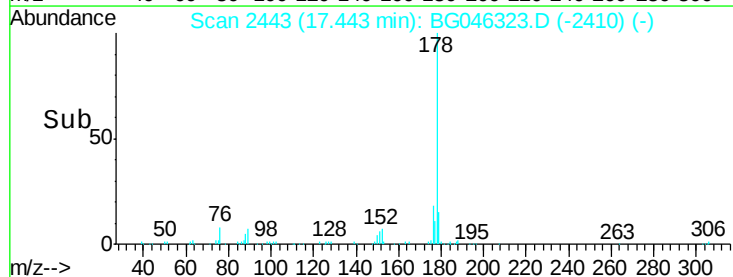
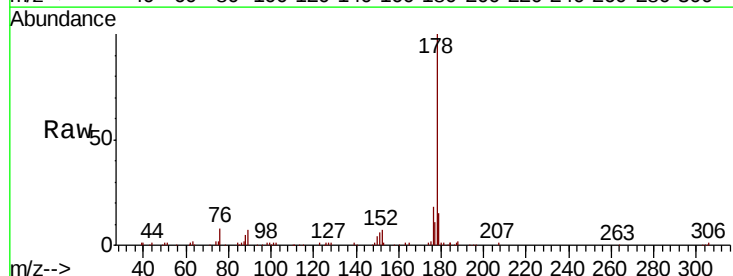
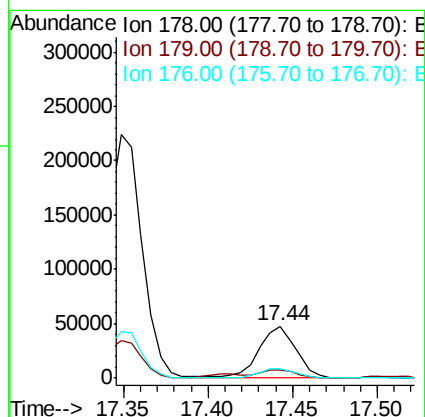
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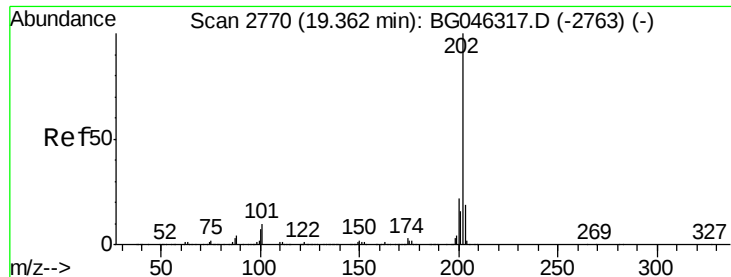
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#16
Anthracene
Concen: 2.450 ng/ul
RT: 17.44 min Scan# 2443
Delta R.T. -0.01 min
Lab File: BG046323.D
Acq: 18 Aug 2020 11:47

Tgt Ion:178	Resp:	73907
Ion Ratio	Lower	Upper
178	100	
179	15.2	13.2 19.8
176	17.7	15.2 22.8





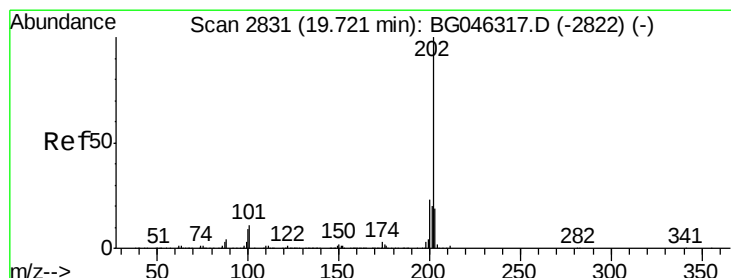
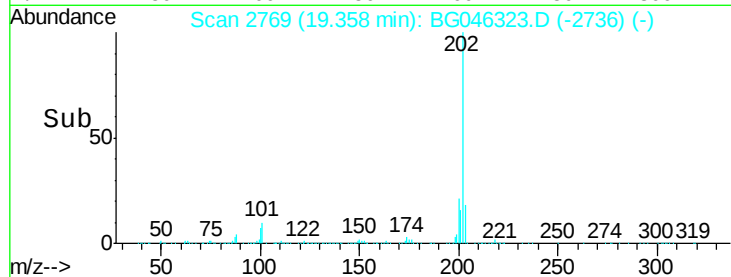
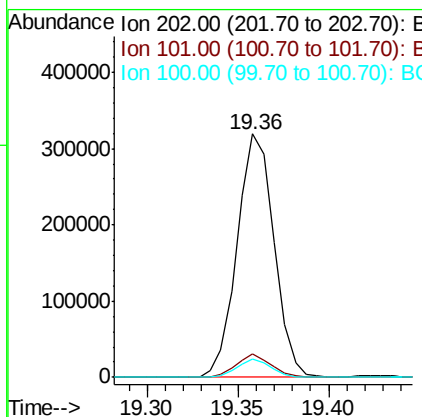
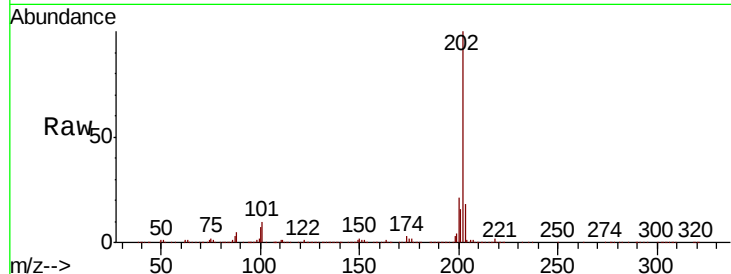
#17
Fluoranthene
 Concen: 13.509 ng/ul
 RT: 19.36 min Scan# 2769
 Delta R.T. -0.01 min
 Lab File: BG046323.D
 Acq: 18 Aug 2020 11:47

Instrument :
 BNA_G
 ClientSampleId :
 BFMJ7

Tot Ion:	202	Resp:	450286
Ion Ratio	Lower	Upper	
202	100		
101	9.8	7.8	11.6
100	7.3	5.9	8.9

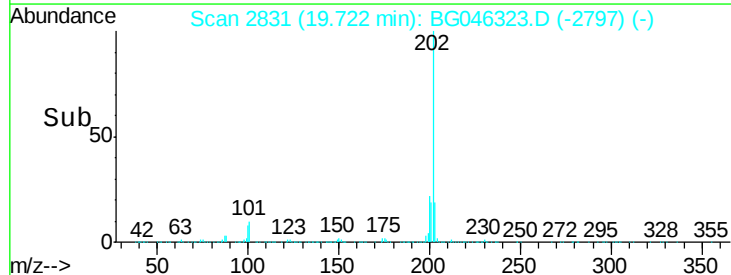
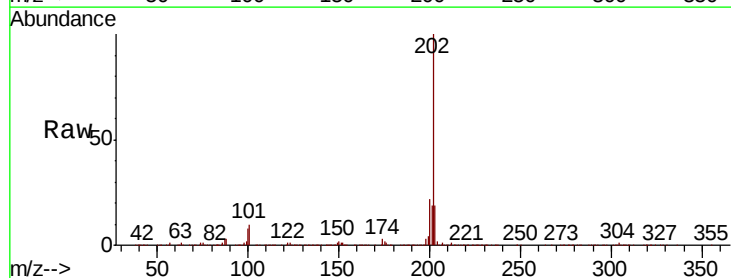
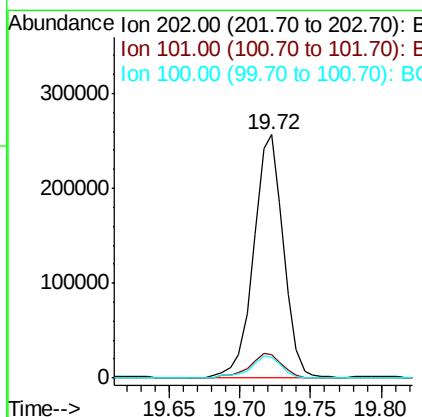
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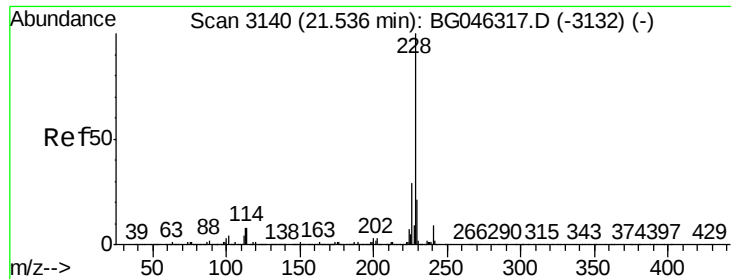
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#20
Pyrene
 Concen: 10.702 ng/ul
 RT: 19.72 min Scan# 2831
 Delta R.T. -0.00 min
 Lab File: BG046323.D
 Acq: 18 Aug 2020 11:47

Tgt Ion:	202	Resp:	378863
Ion Ratio	Lower	Upper	
202	100		
101	9.9	8.9	13.3
100	8.4	7.9	11.9





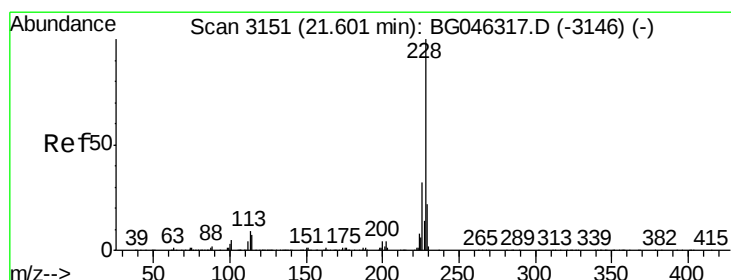
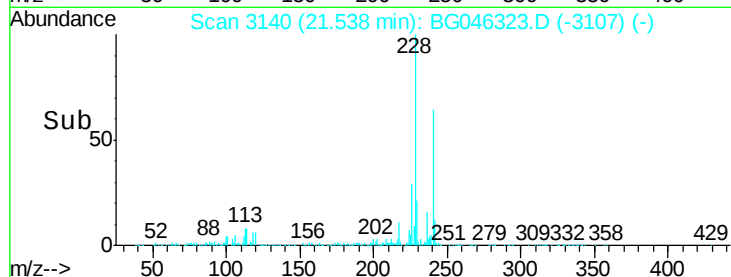
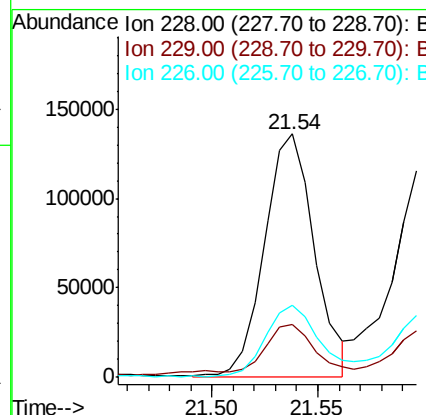
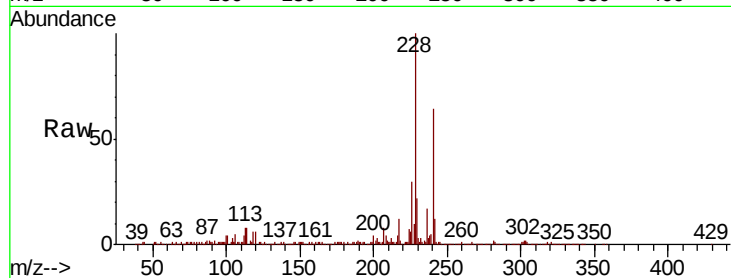
#21
Benzo(a)anthracene
Concen: 6.335 ng/ul
RT: 21.54 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BG046323.D
Acq: 18 Aug 2020 11:47

Instrument :
BNA_G
ClientSampleId :
BFMJ7

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.5	16.6	25.0
226	29.5	22.6	33.8

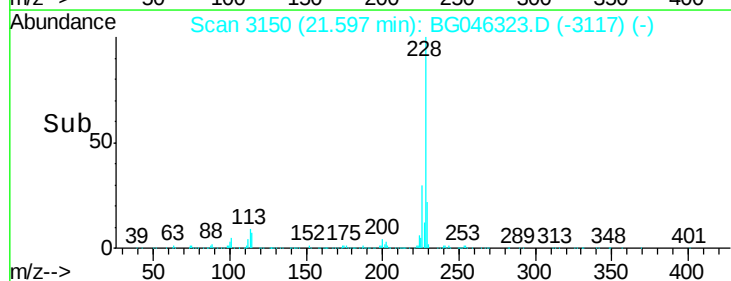
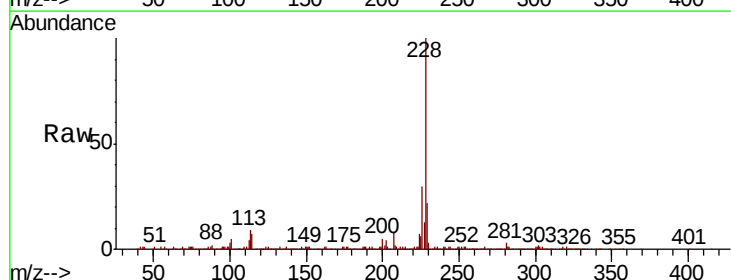
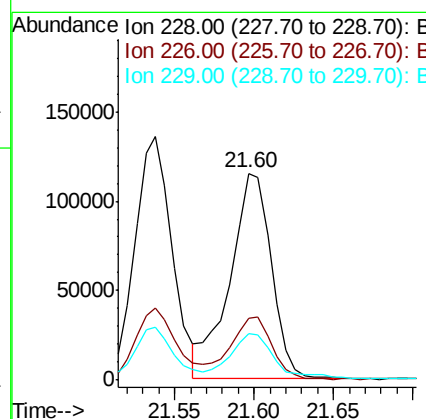
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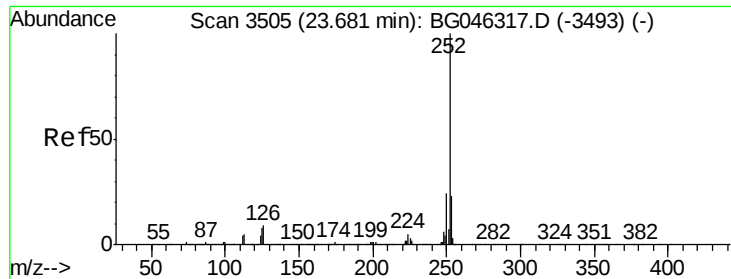
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#22
Chrysene
Concen: 6.173 ng/ul
RT: 21.60 min Scan# 3150
Delta R.T. -0.01 min
Lab File: BG046323.D
Acq: 18 Aug 2020 11:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.5	38.3
229	22.5	17.0	25.4





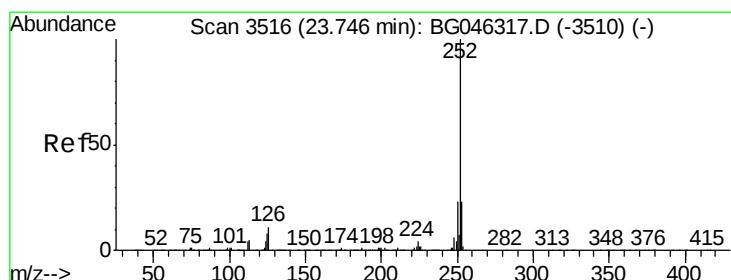
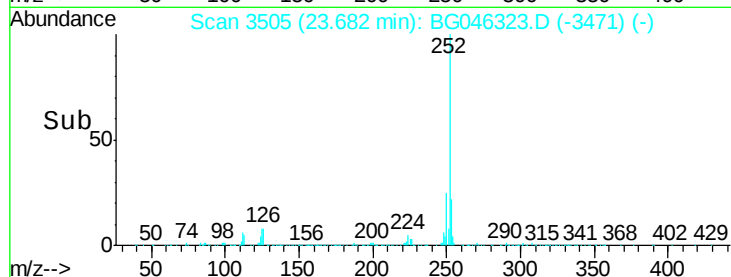
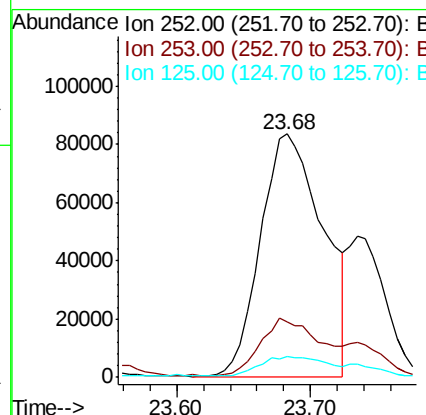
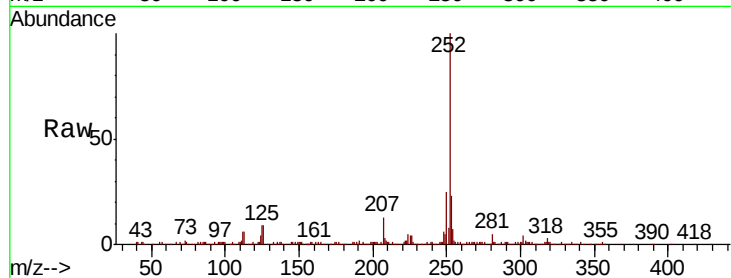
#24
Benzo(b)fluoranthene
Concen: 7.122 ng/ul
RT: 23.68 min Scan# 3505
Delta R.T. -0.00 min
Lab File: BG046323.D
Acq: 18 Aug 2020 11:47

Instrument :
BNA_G
ClientSampleId :
BFMJ7

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.6
125	8.7	6.4	9.6

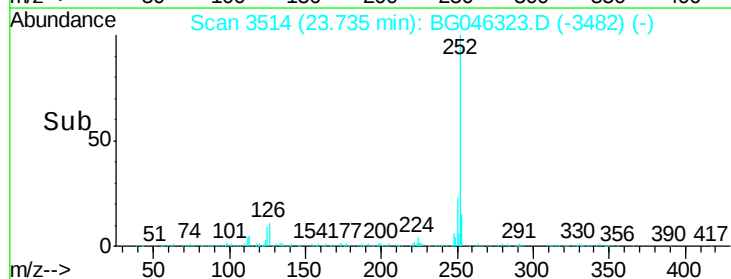
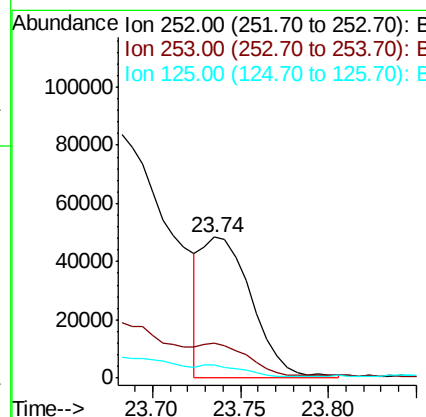
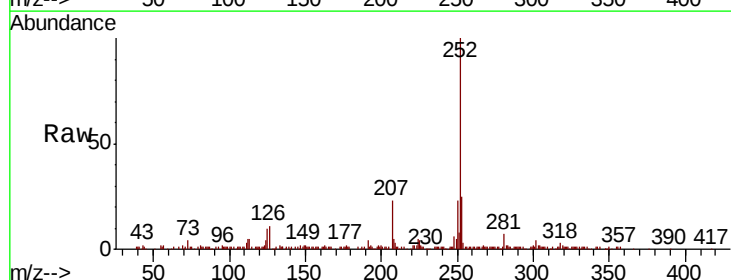
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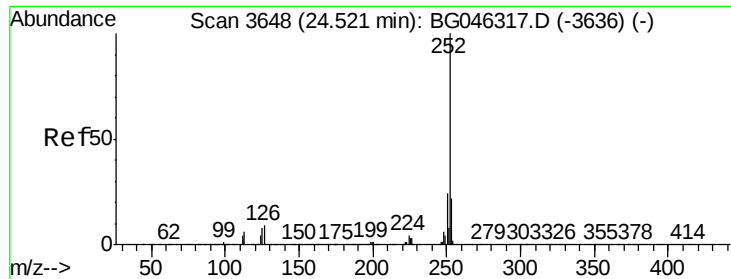
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#25
Benzo(k)fluoranthene
Concen: 2.518 ng/ul m
RT: 23.74 min Scan# 3514
Delta R.T. -0.01 min
Lab File: BG046323.D
Acq: 18 Aug 2020 11:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.5	27.7
125	9.6	6.2	9.2#





#27

Benzo(a)pyrene

Concen: 4.991 ng/ul

RT: 24.51 min Scan# 3646

Delta R.T. -0.01 min

Lab File: BG046323.D

Acq: 18 Aug 2020 11:47

Instrument :

BNA_G

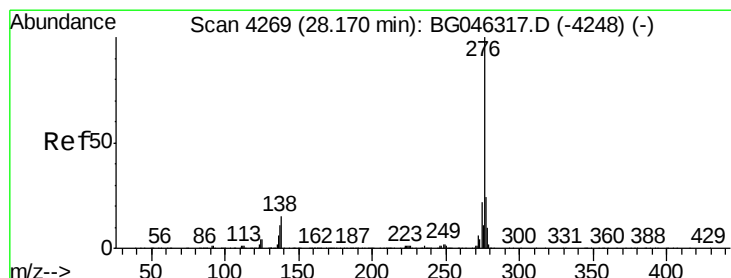
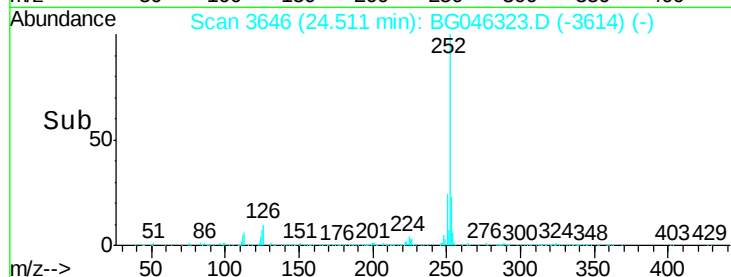
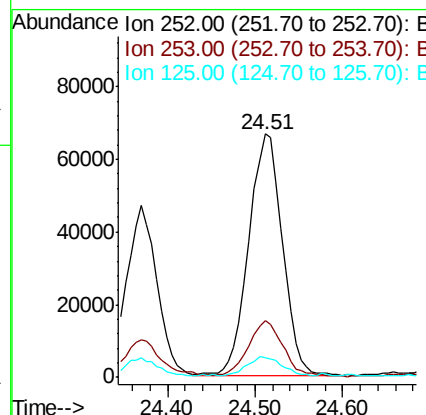
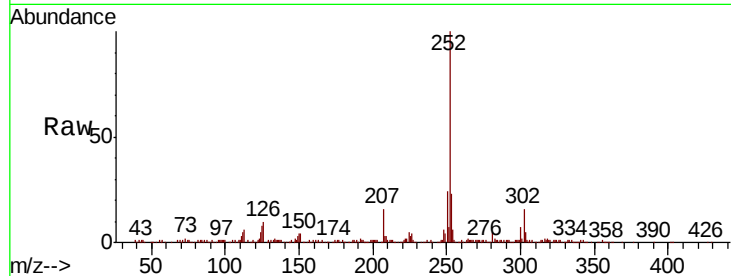
ClientSampled :

BFMJ7

Tot Ion:	252	Resp:	174295
Ion Ratio		Lower	Upper
252	100		
253	23.1	17.8	26.8
125	8.2	7.1	10.7

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#28

Indeno(1,2,3-cd)pyrene

Concen: 2.893 ng/ul

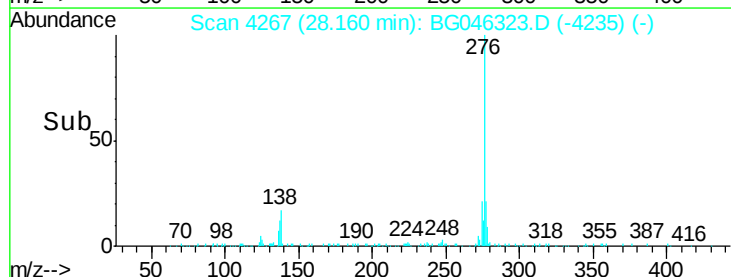
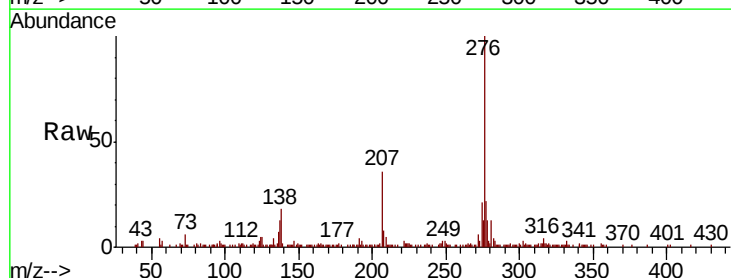
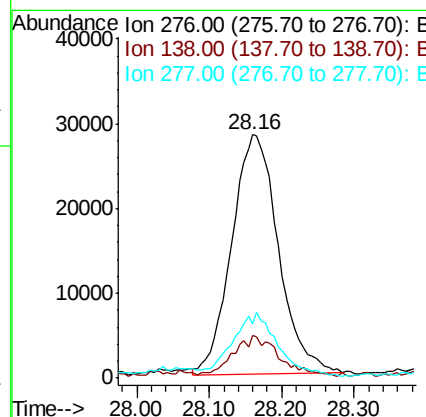
RT: 28.16 min Scan# 4267

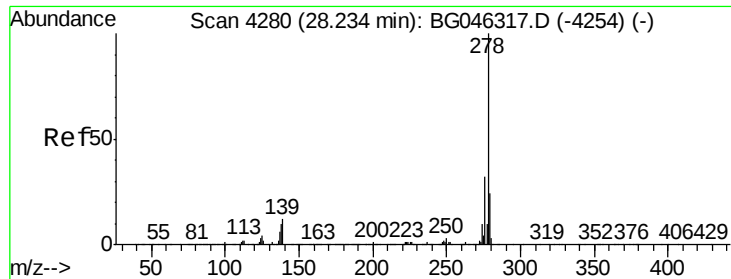
Delta R.T. -0.01 min

Lab File: BG046323.D

Acq: 18 Aug 2020 11:47

Tgt Ion:	276	Resp:	126474
Ion Ratio		Lower	Upper
276	100		
138	17.6	13.2	19.8
277	22.4	19.9	29.9





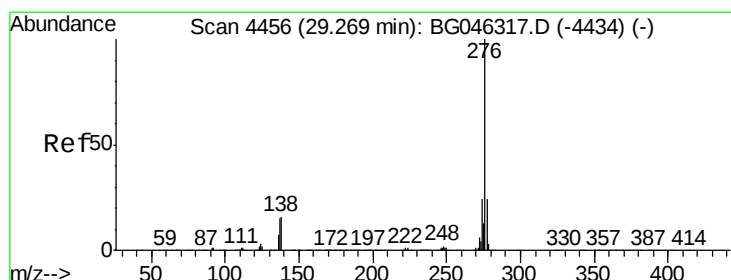
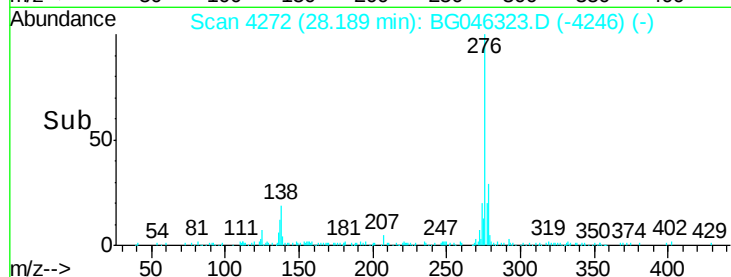
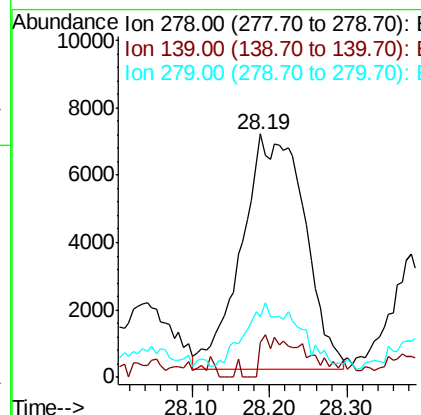
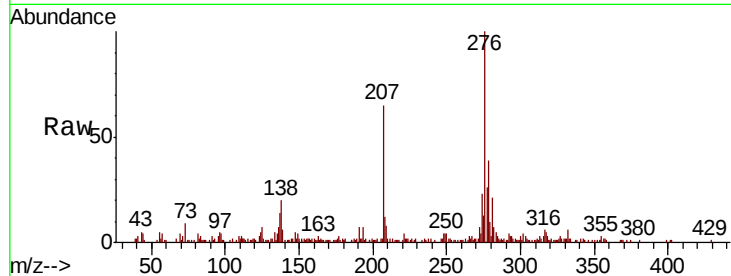
#29
Dibenzo(a,h)anthracene
Concen: 1.114 ng/ul m
RT: 28.19 min Scan# 4272
Delta R.T. -0.05 min
Lab File: BG046323.D
Acq: 18 Aug 2020 11:47

Instrument :
BNA_G
ClientSampled :
BFMJ7

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.4	9.8	14.8
279	24.8	19.7	29.5

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#30
Benzo(g,h,i)perylene
Concen: 2.414 ng/ul
RT: 29.25 min Scan# 4453
Delta R.T. -0.01 min
Lab File: BG046323.D
Acq: 18 Aug 2020 11:47

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.2	12.9	19.3
277	25.6	19.4	29.0

