

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
 Data File : BG046413.D
 Acq On : 21 Aug 2020 14:40
 Operator : CG/JU
 Sample : L3635-17
 Misc :
 ALS Vial : 77 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFMJ3

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Quant Time: Aug 21 15:20:21 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	105838	20.00	ng/ul	0.00
2) Naphthalene-d8	10.74	136	432165	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	279437	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.32	188	597462	20.00	ng/ul	0.00
18) Chrysene-d12	21.56	240	571568	20.00	ng/ul	0.00
23) Perylene-d12	24.68	264	636256	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	121206	16.29	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	447712	17.41	ng/ul	0.00
10) Fluorene-d10	15.56	176	348286	17.67	ng/ul	0.00
15) Anthracene-d10	17.41	188	487414	17.60	ng/ul	0.00
19) Pyrene-d10	19.70	212	540137	18.36	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.47	264	569875	16.41	ng/ul	0.01
Target Compounds						
8) Acenaphthylene	14.29	152	62088	2.375	ng/ul	98
14) Phenanthrene	17.36	178	565855	17.216	ng/ul	100
16) Anthracene	17.44	178	80826	2.437	ng/ul	99
17) Fluoranthene	19.37	202	965012	26.330	ng/ul	100
20) Pyrene	19.73	202	983326	26.209	ng/ul	99
21) Benzo(a)anthracene	21.55	228	427986	11.509	ng/ul	95
22) Chrysene	21.60	228	510622	14.204	ng/ul	98
24) Benzo(b)fluoranthene	23.70	252	689605	16.390	ng/ul	99
25) Benzo(k)fluoranthene	23.75	252	240077m	5.752	ng/ul	
27) Benzo(a)pyrene	24.53	252	455643	11.796	ng/ul	99
28) Indeno(1,2,3-cd)pyrene	28.20	276	330936	6.842	ng/ul	96
29) Dibenzo(a,h)anthracene	28.24	278	73101m	1.864	ng/ul	
30) Benzo(a,h,i)perylene	29.28	276	285255	7.047	ng/ul	99

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

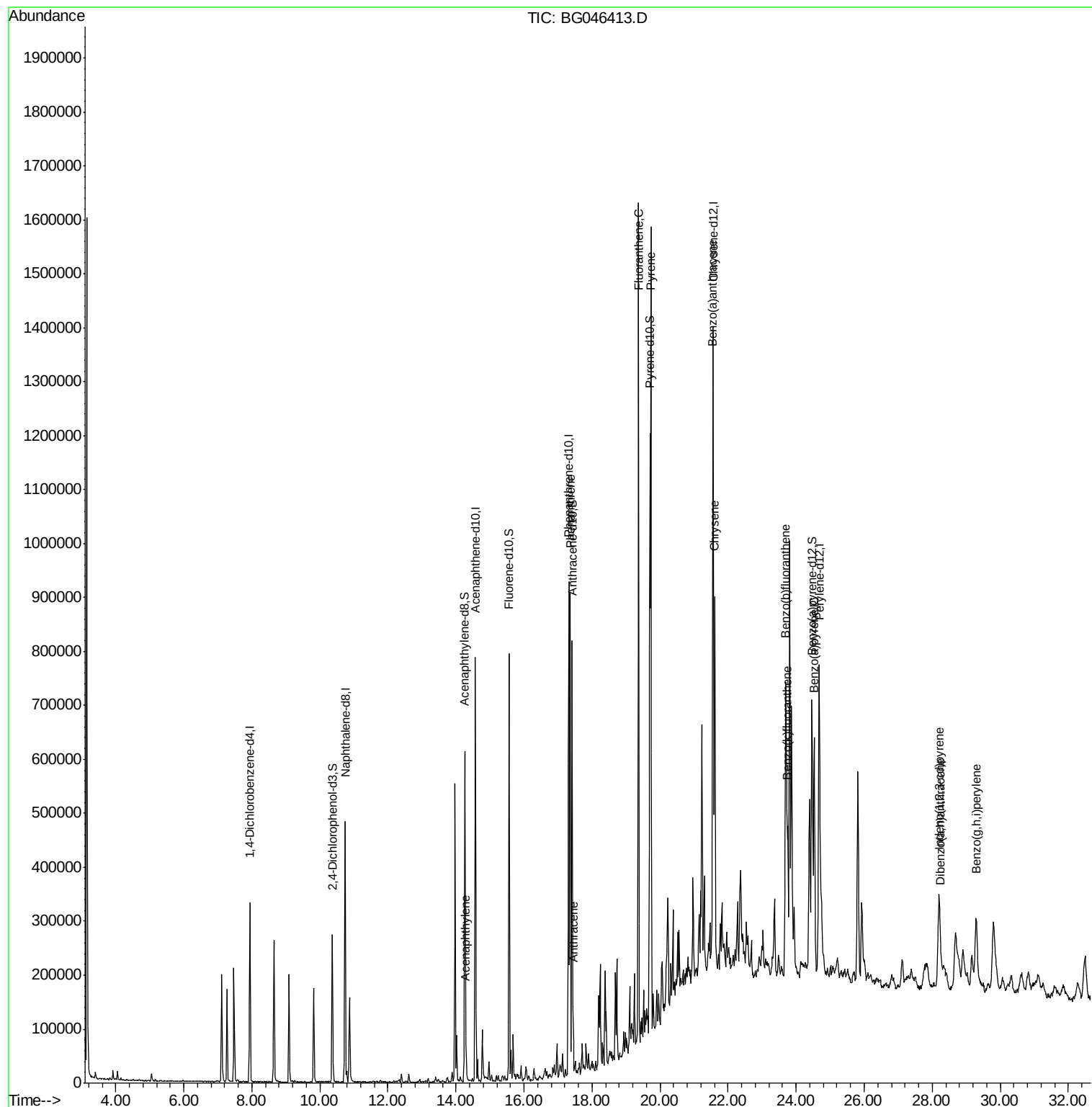
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046413.D
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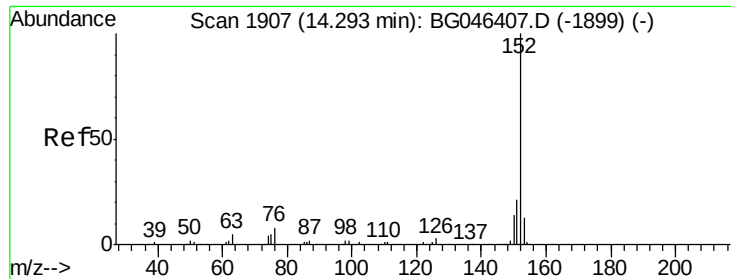
Instrument :
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Quant Time: Aug 21 15:20:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 20 11:14:19 2020
Response via : Initial Calibration





#8

Acenaphthylene

Concen: 2.375 ng/ul

RT: 14.29 min Scan# 1906

Delta R.T. 0.00 min

Lab File: BG046413.D

Acq: 21 Aug 2020 14:40

Instrument :

BNA_G

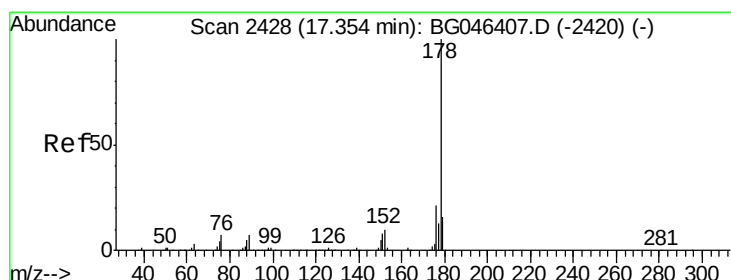
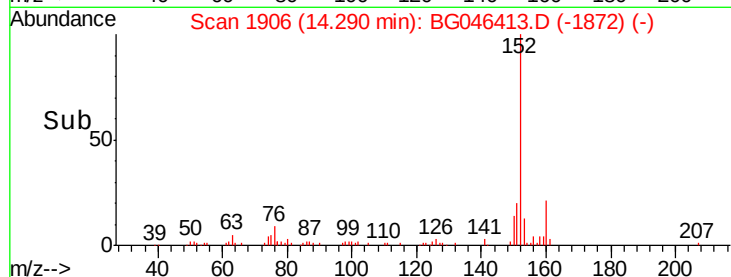
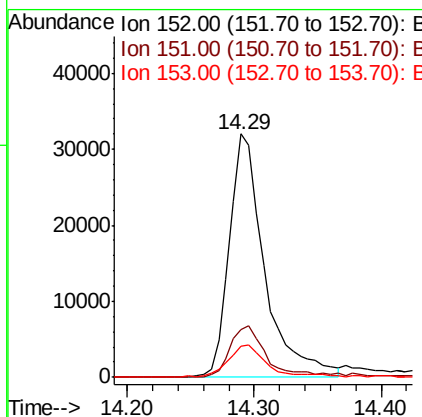
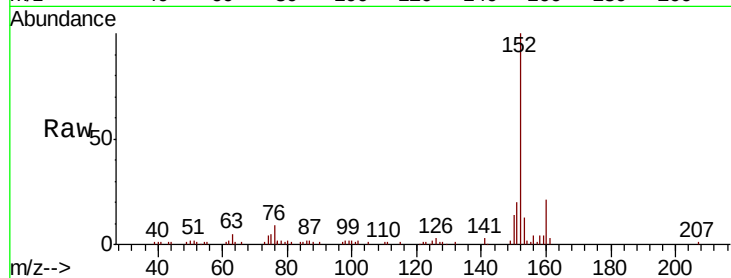
ClientSampleId :

BFMJ3

Tot Ion:	152	Resp:	62088
Ion Ratio	Lower	Upper	
152	100		
151	19.8	16.5	24.7
153	12.8	11.0	16.6

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#14

Phenanthrene

Concen: 17.216 ng/ul

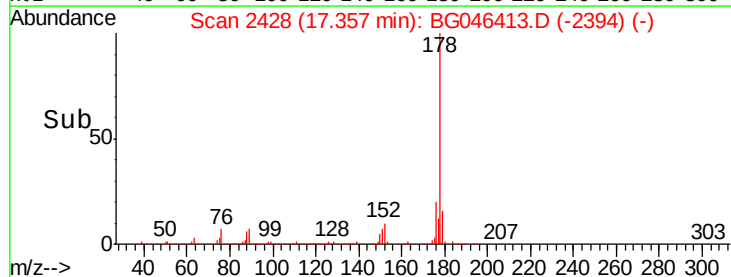
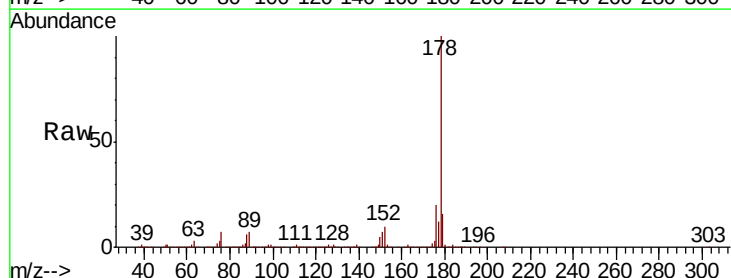
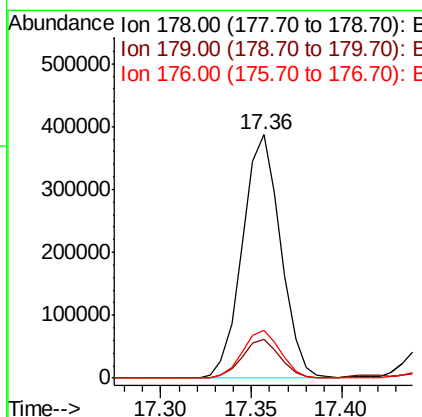
RT: 17.36 min Scan# 2428

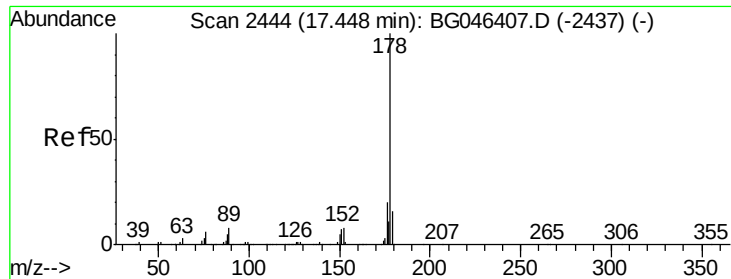
Delta R.T. 0.00 min

Lab File: BG046413.D

Acq: 21 Aug 2020 14:40

Tgt Ion:	178	Resp:	565855
Ion Ratio	Lower	Upper	
178	100		
179	16.1	12.8	19.2
176	19.8	15.8	23.8





#16

Anthracene

Concen: 2.437 ng/ul

RT: 17.44 min Scan# 2443

Delta R.T. 0.00 min

Lab File: BG046413.D

Acq: 21 Aug 2020 14:40

Instrument :

BNA_G

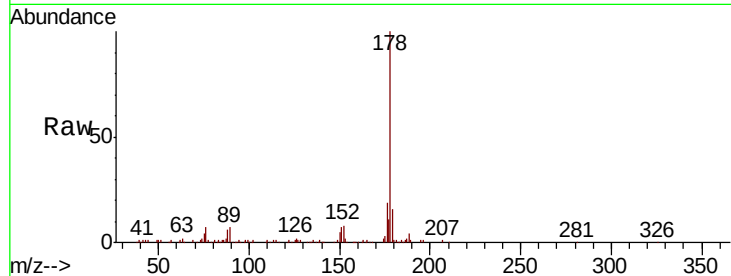
ClientSampled :

BFMJ3

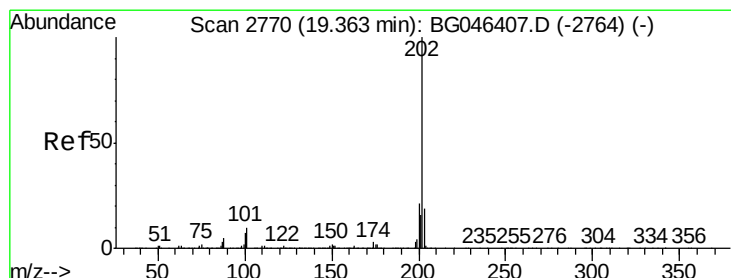
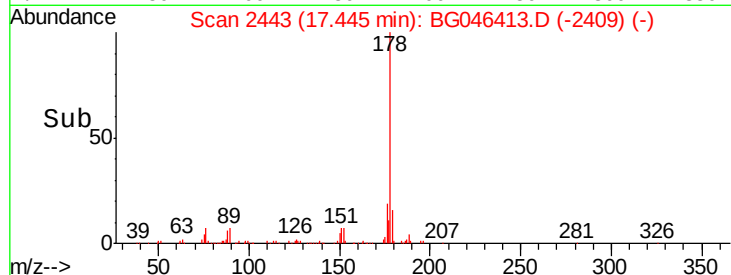
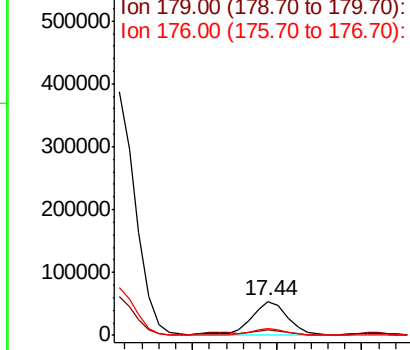
Tot Ion:	178	Resp:	80826
Ion Ratio	Lower	Upper	
178	100		
179	15.7	13.2	19.8
176	19.2	15.2	22.8

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#17

Fluoranthene

Concen: 26.330 ng/ul

RT: 19.37 min Scan# 2770

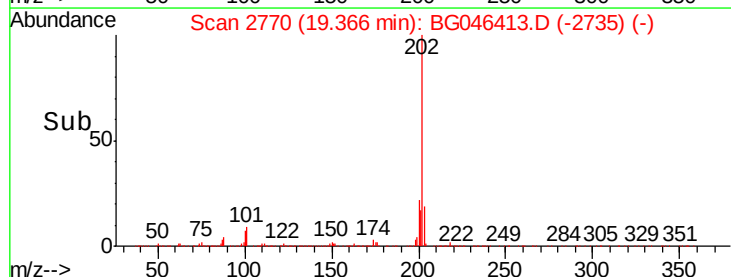
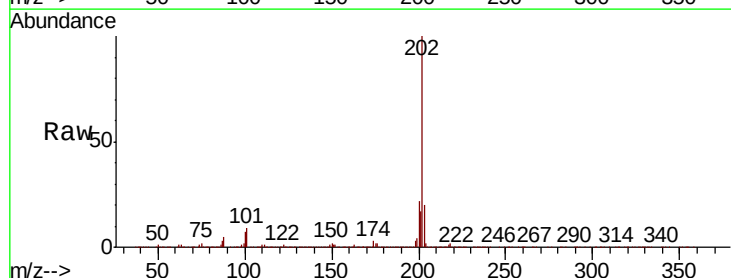
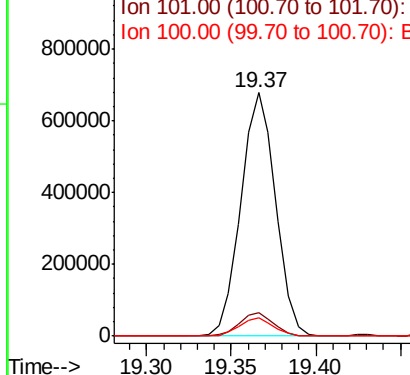
Delta R.T. 0.01 min

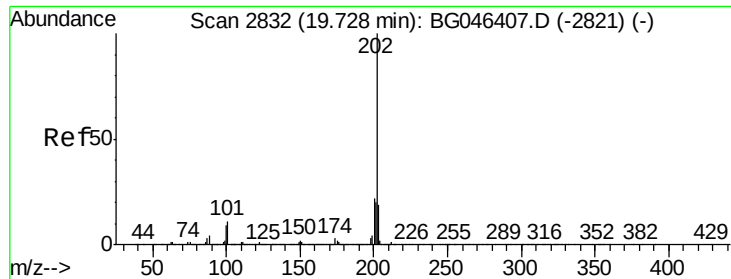
Lab File: BG046413.D

Acq: 21 Aug 2020 14:40

Tgt Ion:	202	Resp:	965012
Ion Ratio	Lower	Upper	
202	100		
101	9.5	7.8	11.6
100	7.4	5.9	8.9

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





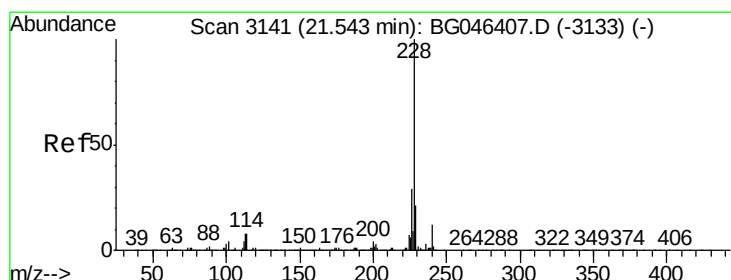
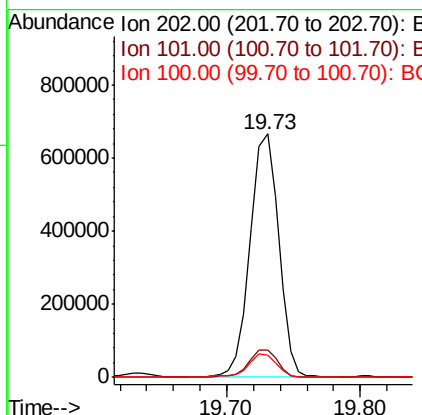
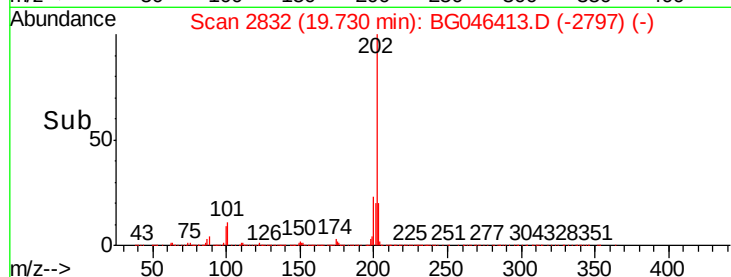
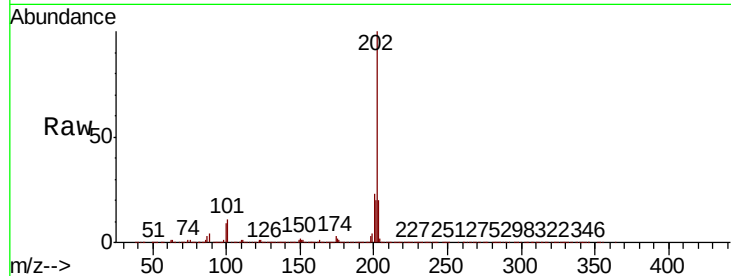
#20
Pvrene
Concen: 26.209 ng/ul
RT: 19.73 min Scan# 2832
Delta R.T. 0.01 min
Lab File: BG046413.D
Acq: 21 Aug 2020 14:40

Instrument :
BNA_G
ClientSampleId :
BFMJ3

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.2	8.9	13.3
100	9.2	7.9	11.9

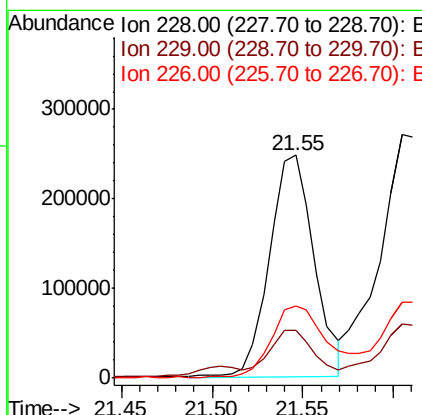
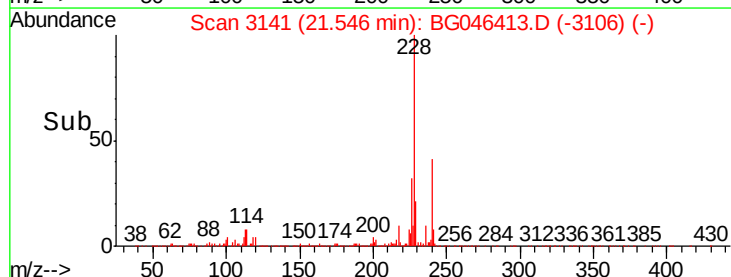
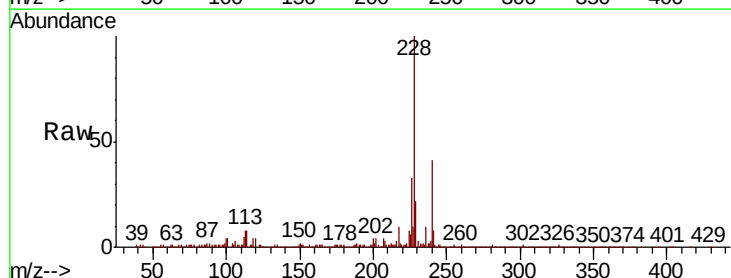
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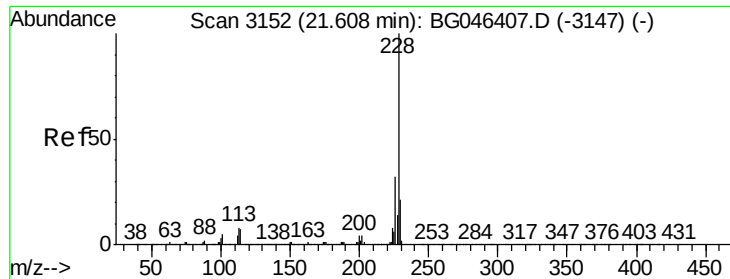
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#21
Benzo(a)anthracene
Concen: 11.509 ng/ul
RT: 21.55 min Scan# 3141
Delta R.T. 0.01 min
Lab File: BG046413.D
Acq: 21 Aug 2020 14:40

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	21.5	16.6	25.0
226	32.5	22.6	33.8





#22

Chrysene

Concen: 14.204 ng/ul

RT: 21.60 min Scan# 3151

Delta R.T. 0.00 min

Lab File: BG046413.D

Acq: 21 Aug 2020 14:40

Instrument :

BNA_G

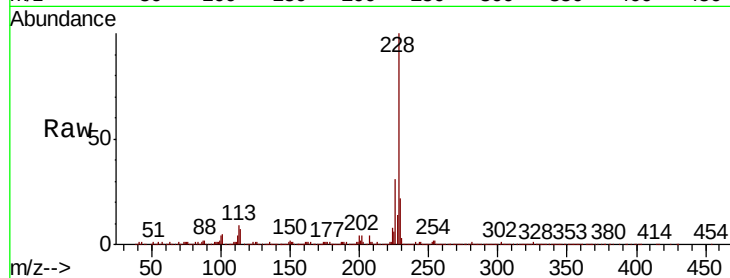
ClientSampled :

BFMJ3

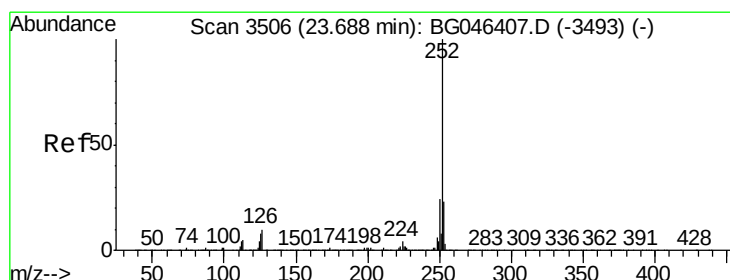
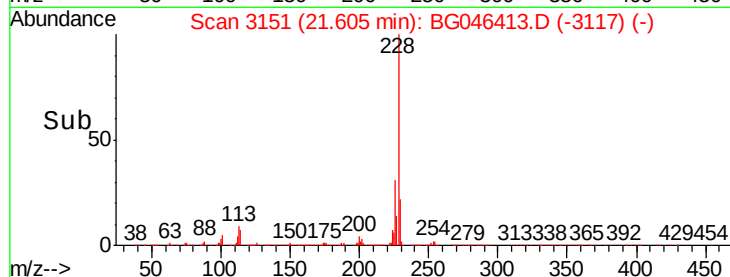
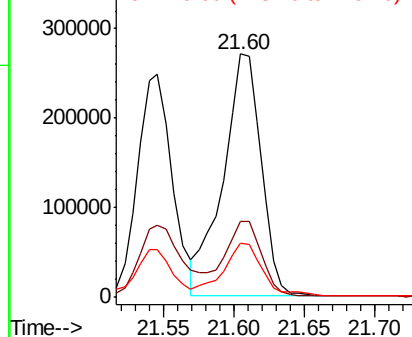
Tot Ion:	228	Resp:	510622
Ion Ratio	Lower	Upper	
228	100		
226	31.0	25.5	38.3
229	22.4	17.0	25.4

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#24

Benzo(b)fluoranthene

Concen: 16.390 ng/ul

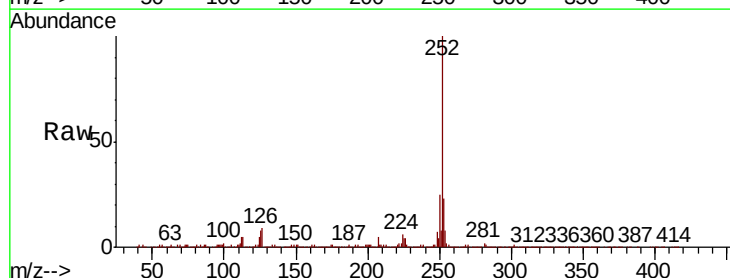
RT: 23.70 min Scan# 3507

Delta R.T. 0.01 min

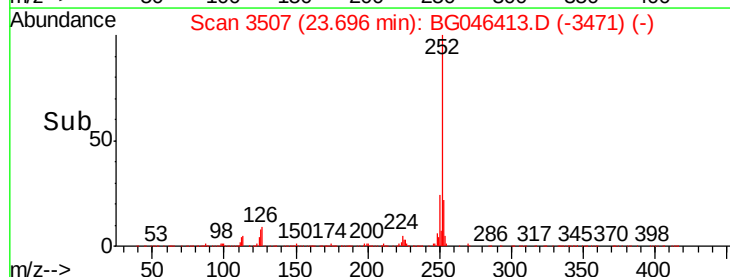
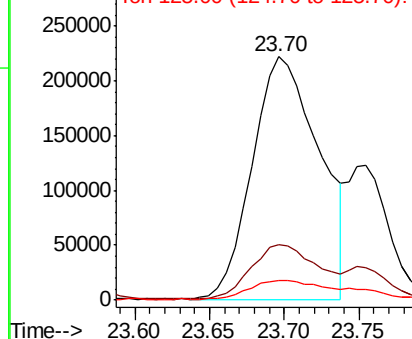
Lab File: BG046413.D

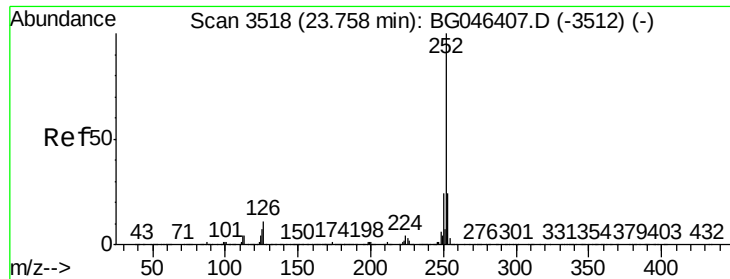
Acq: 21 Aug 2020 14:40

Tgt Ion:	252	Resp:	689605
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.8	26.6
125	7.8	6.4	9.6



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





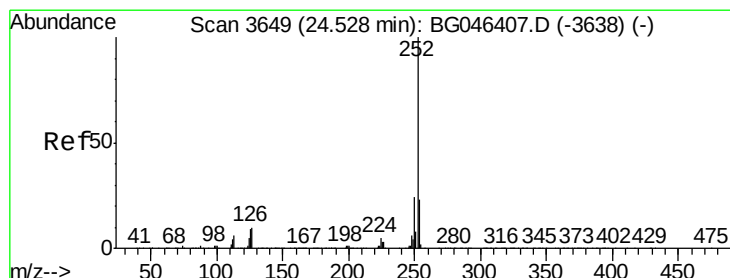
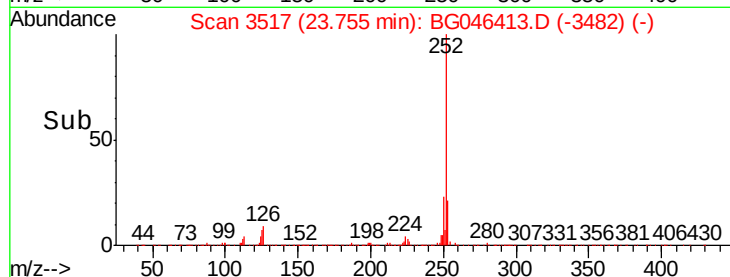
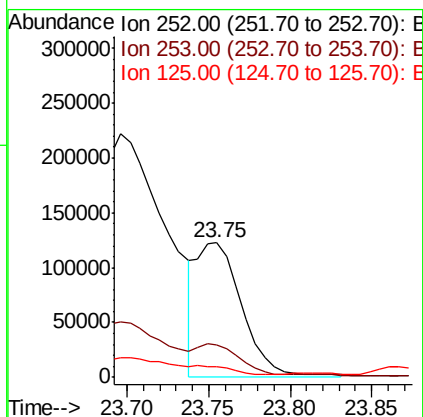
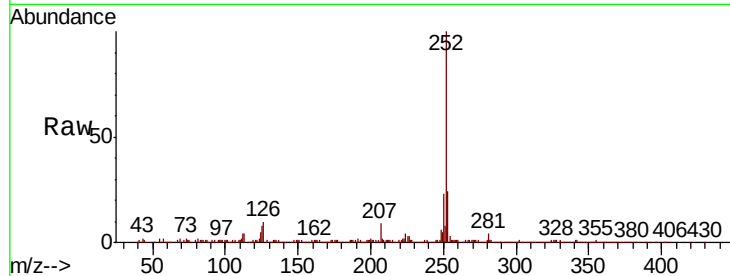
#25
Benzo(k)fluoranthene
Concen: 5.752 ng/ul m
RT: 23.75 min Scan# 3517
Delta R.T. 0.01 min
Lab File: BG046413.D
Acq: 21 Aug 2020 14:40

Instrument :
BNA_G
ClientSampled :
BFMJ3

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.5	27.7
125	7.6	6.2	9.2

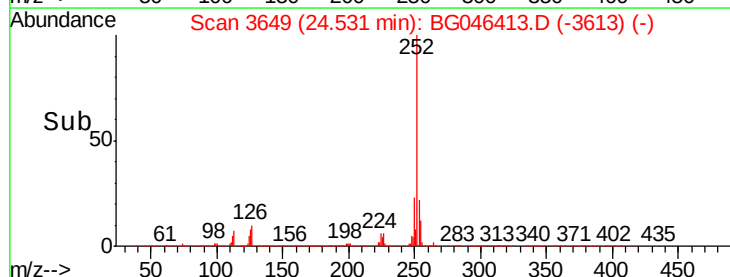
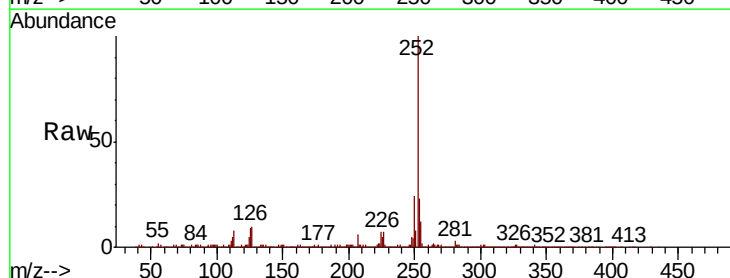
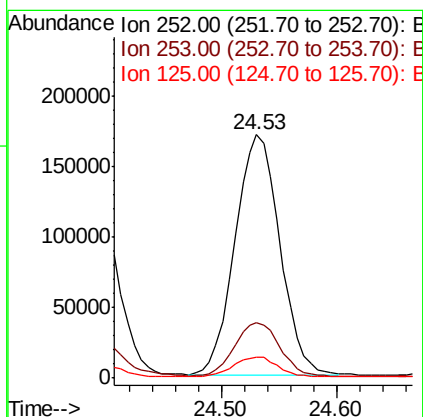
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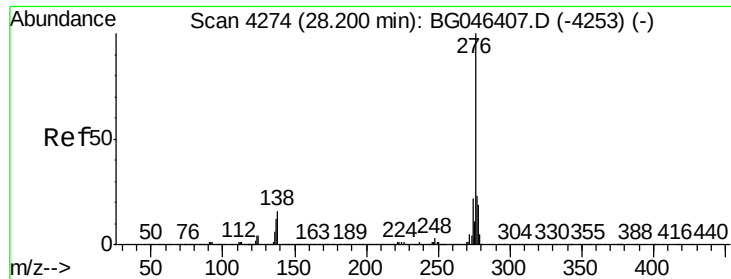
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#27
Benzo(a)pyrene
Concen: 11.796 ng/ul
RT: 24.53 min Scan# 3649
Delta R.T. 0.01 min
Lab File: BG046413.D
Acq: 21 Aug 2020 14:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.8
125	8.7	7.1	10.7





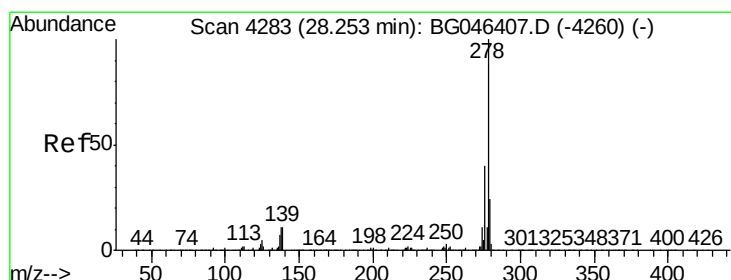
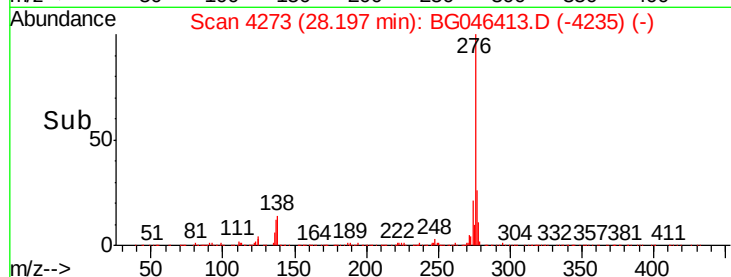
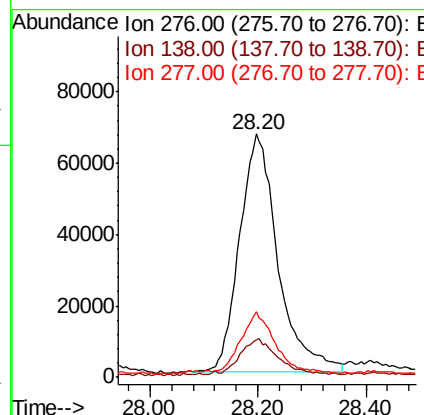
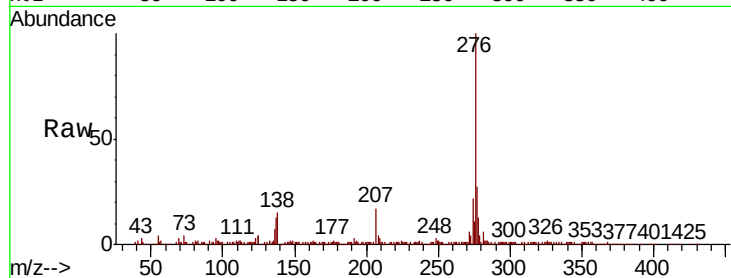
#28
 Indeno(1,2,3-cd)pyrene
 Concen: 6.842 ng/ul
 RT: 28.20 min Scan# 4273
 Delta R.T. 0.03 min
 Lab File: BG046413.D
 Acq: 21 Aug 2020 14:40

Instrument :
 BNA_G
 ClientSampleId :
 BFMJ3

Tot Ion	Ion	Ratio	Resp	Lower	Upper
276	100				
138	15.4	13.2	19.8		
277	27.0	19.9	29.9		

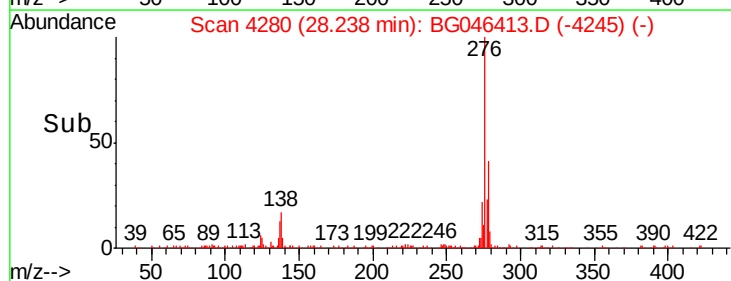
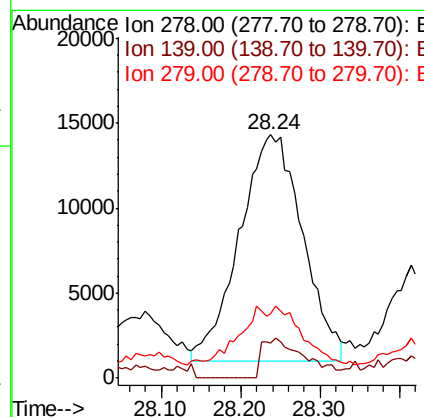
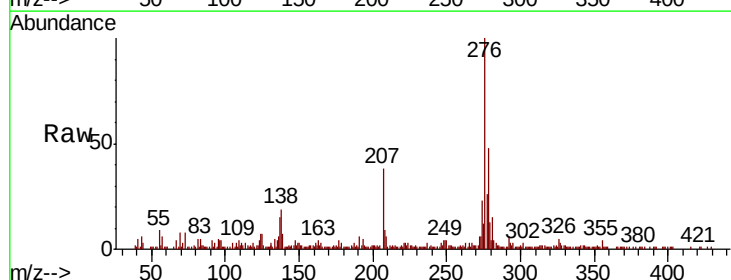
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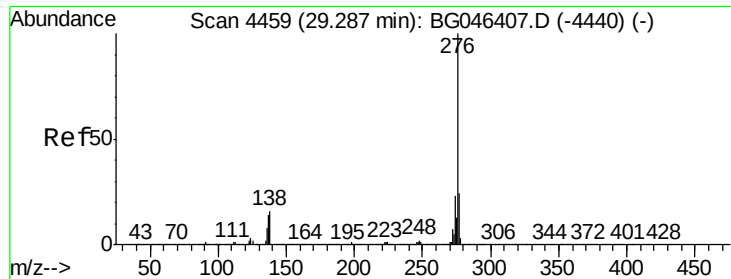
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#29
 Dibenzo(a,h)anthracene
 Concen: 1.864 ng/ul m
 RT: 28.24 min Scan# 4280
 Delta R.T. 0.01 min
 Lab File: BG046413.D
 Acq: 21 Aug 2020 14:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
278	100				
139	14.2	9.8	14.8		
279	26.3	19.7	29.5		





#30
 Benzo(a,h,i)perylene
 Concen: 7.047 ng/ul
 RT: 29.28 min Scan# 4458
 Delta R.T. 0.01 min
 Lab File: BG046413.D
 Acq: 21 Aug 2020 14:40

Instrument :
 BNA_G
 ClientSampleId :
 BFMJ3

Tot Ion:	276	Resp:	285255
Ion Ratio	Lower	Upper	
276	100		
138	15.7	12.9	19.3
277	24.5	19.4	29.0

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