

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
 Data File : BG046253.D
 Acq On : 13 Aug 2020 17:40
 Operator : CG/JU
 Sample : L3629-20
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFM67

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Quant Time: Aug 13 18:21:18 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	7.95	152	112845	20.00	ng/ul	0.00
2) Naphthalene-d8	10.75	136	454753	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.58	164	290973	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	627296	20.00	ng/ul	0.00
18) Chrysene-d12	21.56	240	595460	20.00	ng/ul	0.00
23) Perylene-d12	24.67	264	639026	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	43656	5.58	ng/ul	0.00
7) Acenaphthylene-d8	14.27	160	270109	10.09	ng/ul	0.00
10) Fluorene-d10	15.56	176	194227	9.47	ng/ul	0.00
15) Anthracene-d10	17.41	188	278805	9.59	ng/ul	0.00
19) Pyrene-d10	19.70	212	325223	10.61	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.46	264	341207	9.78	ng/ul	0.00
Target Compounds				Qvalue		
4) Naphthalene	10.80	128	38087	1.610	ng/ul	99
8) Acenaphthylene	14.29	152	92175	3.386	ng/ul	96
9) Acenaphthene	14.64	153	26146	1.345	ng/ul	96
11) Fluorene	15.62	166	51433	2.263	ng/ul	91
14) Phenanthrene	17.36	178	1072609	31.081	ng/ul	98
16) Anthracene	17.45	178	152601	4.383	ng/ul	100
17) Fluoranthene	19.37	202	2117312m	55.023	ng/ul	
20) Pyrene	19.73	202	2101702	53.771	ng/ul#	94
21) Benzo(a)anthracene	21.55	228	1234712m	31.870	ng/ul	
22) Chrysene	21.61	228	1220553	32.589	ng/ul	98
24) Benzo(b)fluoranthene	23.70	252	1819292	43.052	ng/ul	97
25) Benzo(k)fluoranthene	23.75	252	705033m	16.819	ng/ul	
27) Benzo(a)pyrene	24.53	252	1351931	34.848	ng/ul	98
28) Indeno(1,2,3-cd)pyrene	28.18	276	978199	20.137	ng/ul	99
29) Dibenzo(a,h)anthracene	28.23	278	234585	5.956	ng/ul	98
30) Benzo(g,h,i)perylene	29.28	276	866008	21.302	ng/ul	99

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

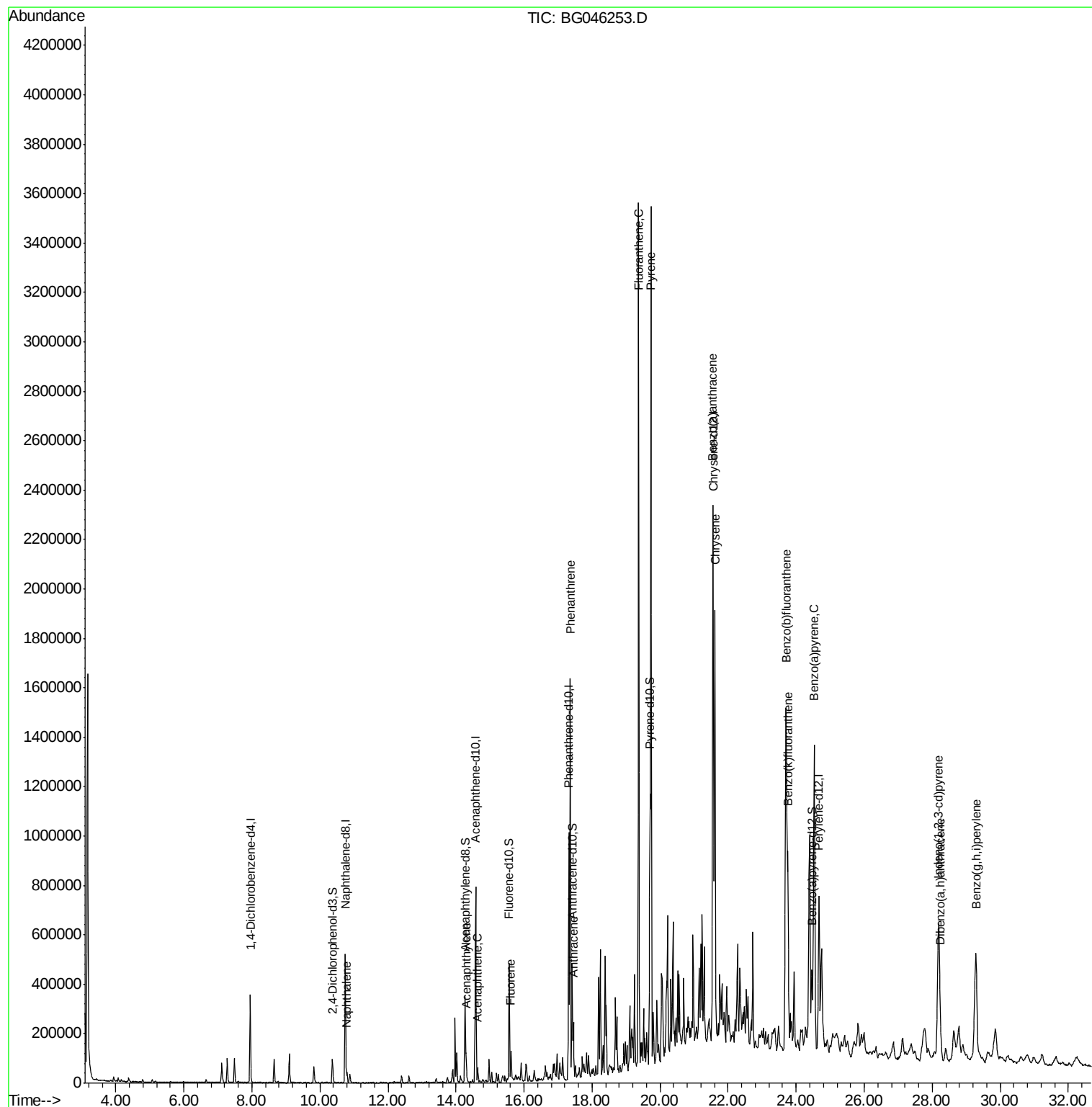
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046253.D
Acq On : 13 Aug 2020 17:40
Operator : CG/JU
Sample : L3629-20
Misc :
ALS Vial : 7 Sample Multiplier: 1

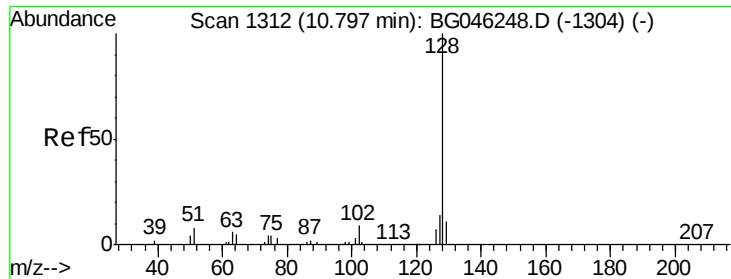
Instrument :
BNA_G
ClientSampleId :
BFM67

Quant Time: Aug 13 18:21:18 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
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#4

Naphthalene

Concen: 1.610 ng/ul

RT: 10.80 min Scan# 1312

Delta R.T. 0.01 min

Lab File: BG046253.D

Acq: 13 Aug 2020 17:40

Instrument :

BNA_G

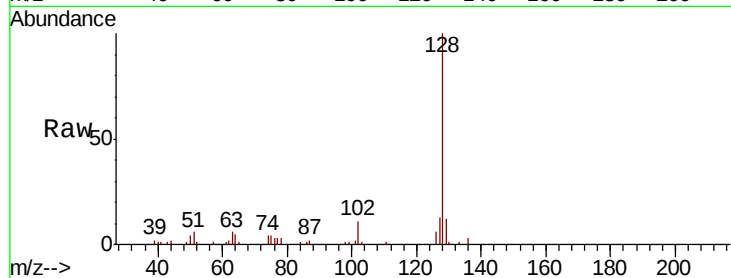
ClientSampled :

BFM67

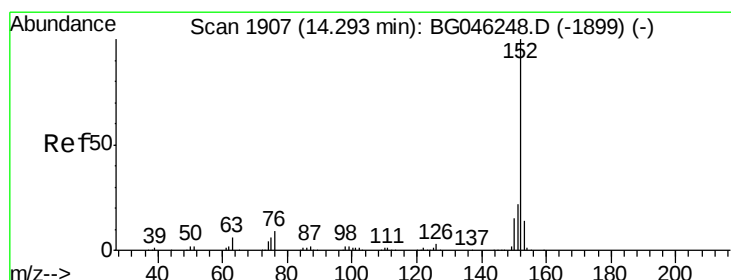
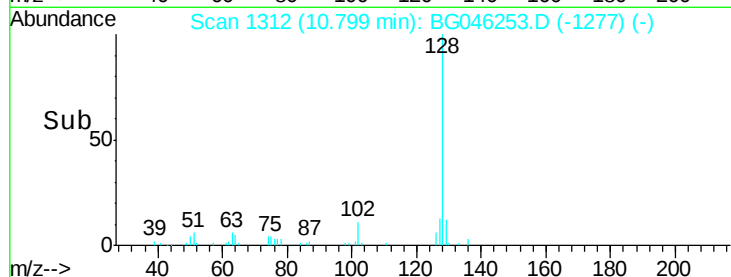
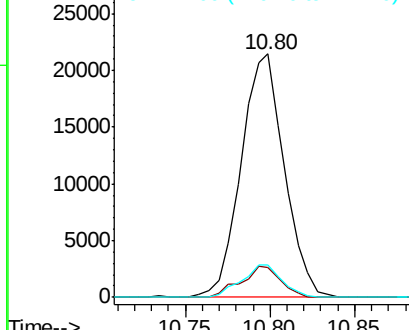
Tot Ion:	128	Resp:	38087
Ion Ratio	Lower	Upper	
128	100		
129	12.0	9.0	13.6
127	13.2	10.9	16.3

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#8

Acenaphthylene

Concen: 3.386 ng/ul

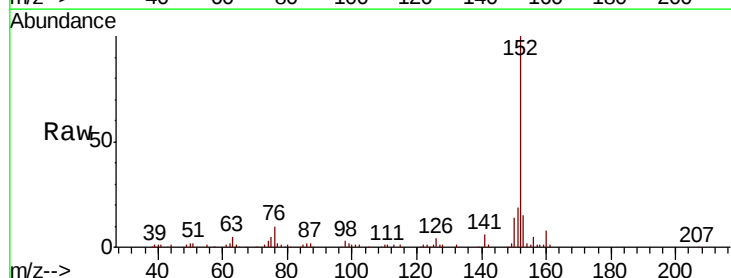
RT: 14.29 min Scan# 1907

Delta R.T. 0.00 min

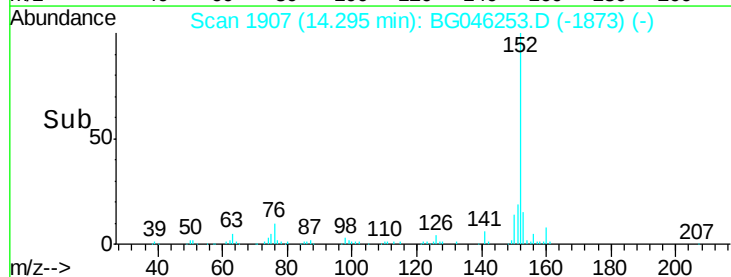
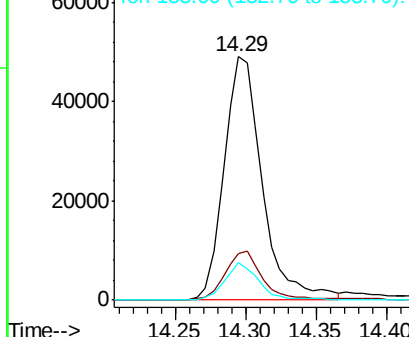
Lab File: BG046253.D

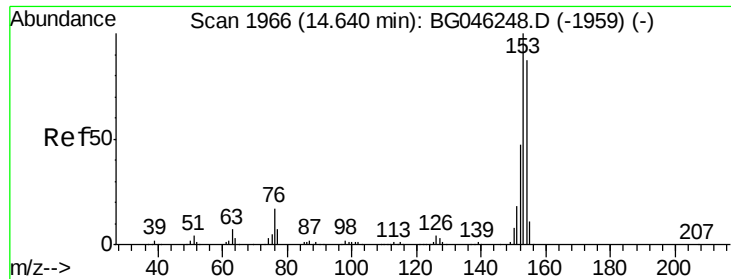
Acq: 13 Aug 2020 17:40

Tgt Ion:	152	Resp:	92175
Ion Ratio	Lower	Upper	
152	100		
151	19.0	16.5	24.7
153	15.4	11.0	16.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#9

Acenaphthene

Concen: 1.345 ng/ul

RT: 14.64 min Scan# 1965

Delta R.T. -0.01 min

Lab File: BG046253.D

Acq: 13 Aug 2020 17:40

Instrument :

BNA_G

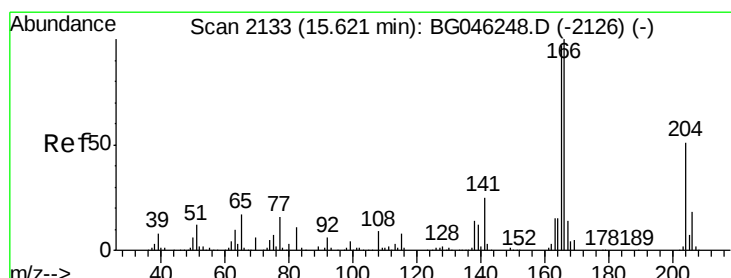
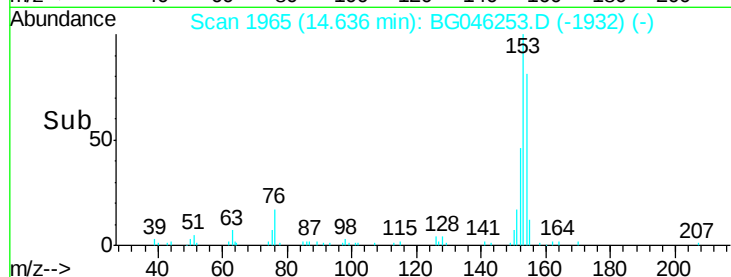
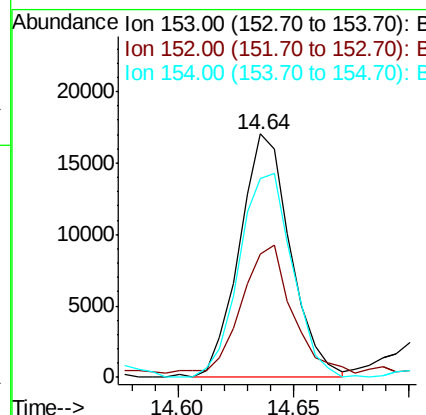
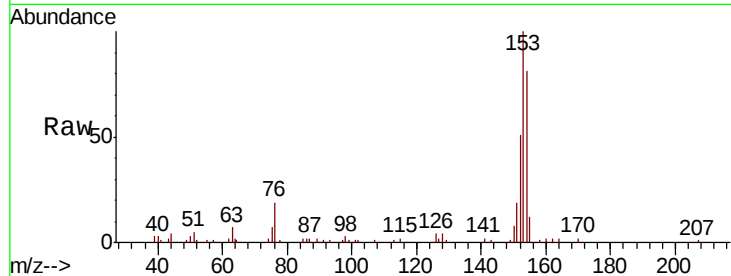
ClientSampleId :

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Tot Ion:	153	Resp:	26146
Ion Ratio	Lower	Upper	
153	100		
152	50.5	37.2	55.8
154	81.5	67.8	101.6

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#11

Fluorene

Concen: 2.263 ng/ul

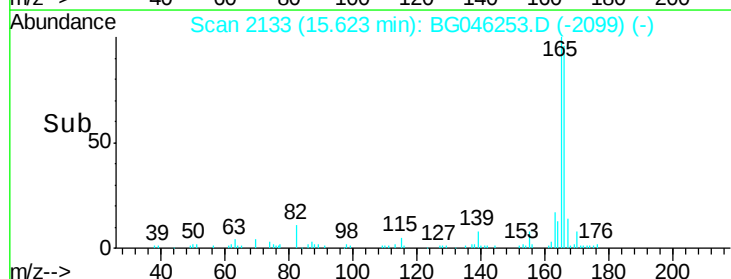
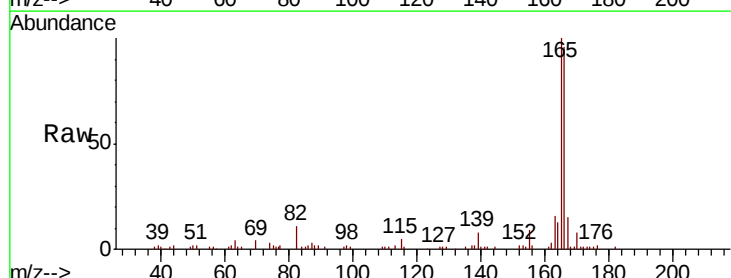
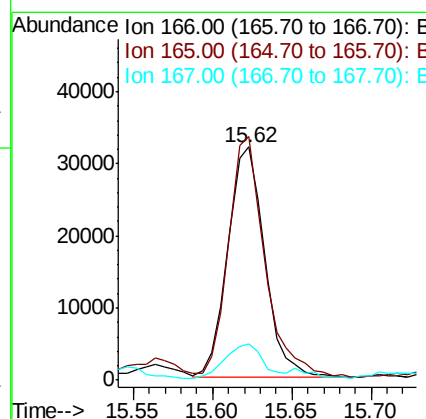
RT: 15.62 min Scan# 2133

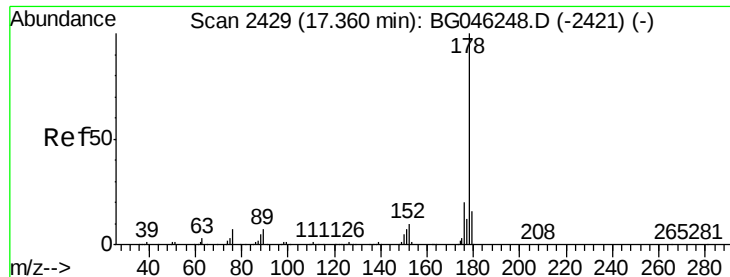
Delta R.T. 0.00 min

Lab File: BG046253.D

Acq: 13 Aug 2020 17:40

Tgt Ion:	166	Resp:	51433
Ion Ratio	Lower	Upper	
166	100		
165	104.5	75.9	113.9
167	15.6	10.7	16.1





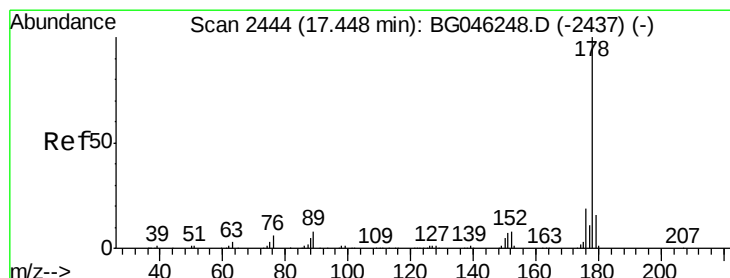
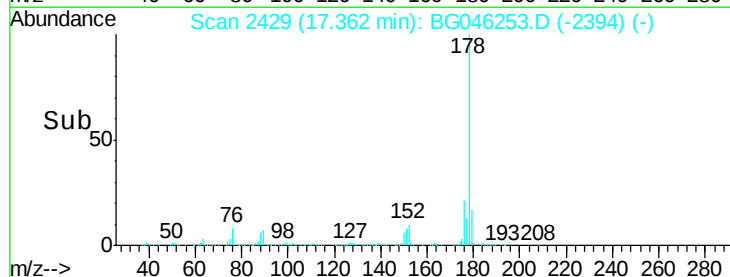
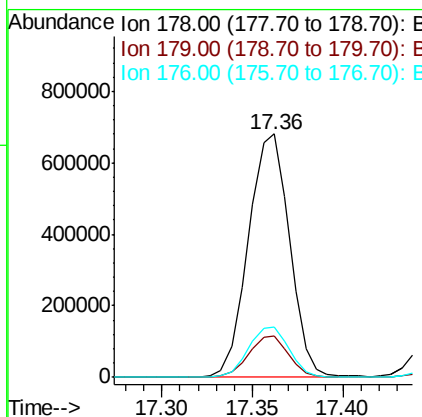
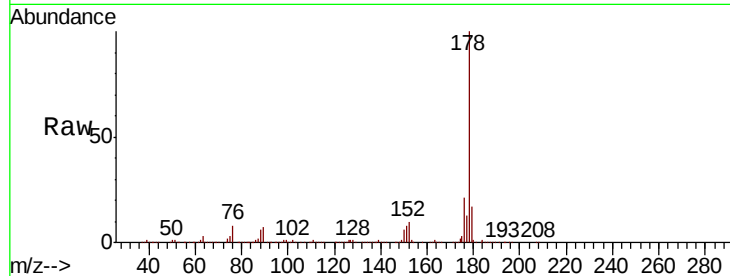
#14
Phenanthrene
Concen: 31.081 ng/ul
RT: 17.36 min Scan# 2429
Delta R.T. 0.01 min
Lab File: BG046253.D
Acq: 13 Aug 2020 17:40

Instrument :
BNA_G
ClientSampled :
BFM67

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.8	12.8	19.2
176	20.7	15.8	23.8

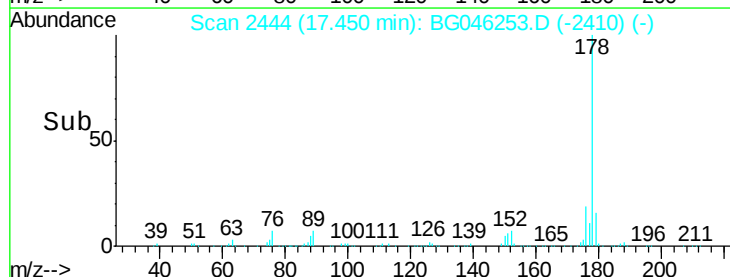
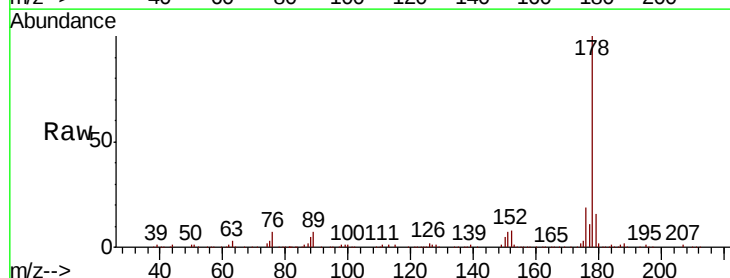
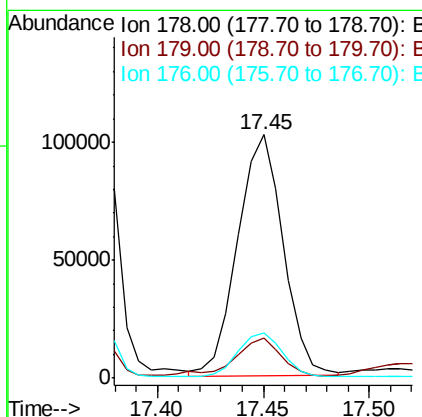
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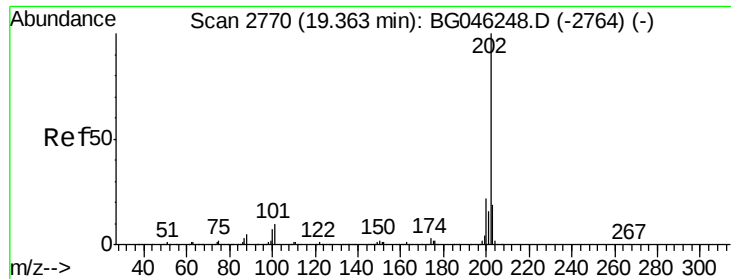
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#16
Anthracene
Concen: 4.383 ng/ul
RT: 17.45 min Scan# 2444
Delta R.T. 0.00 min
Lab File: BG046253.D
Acq: 13 Aug 2020 17:40

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.4	13.2	19.8
176	18.7	15.2	22.8





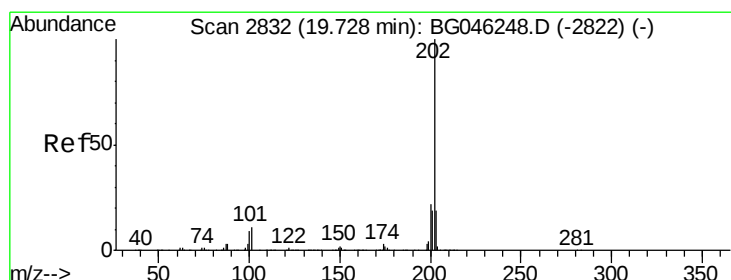
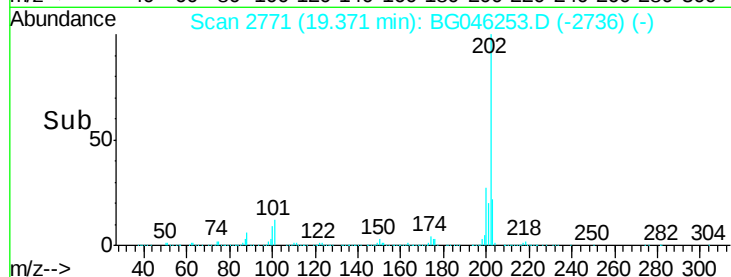
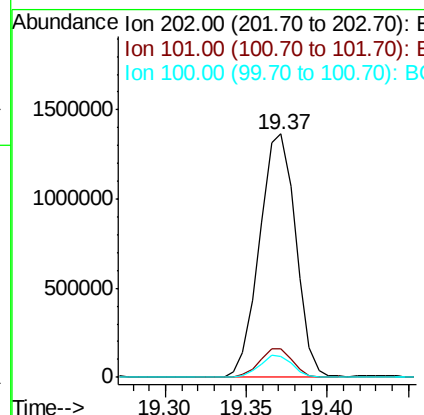
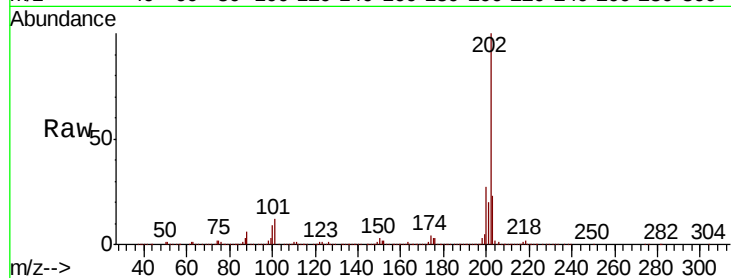
#17
Fluoranthene
 Concen: 55.023 ng/ul m
 RT: 19.37 min Scan# 2771
 Delta R.T. 0.01 min
 Lab File: BG046253.D
 Acq: 13 Aug 2020 17:40

Instrument :
 BNA_G
 ClientSampleId :
 BFM67

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.9	7.8	11.6#
100	8.8	5.9	8.9

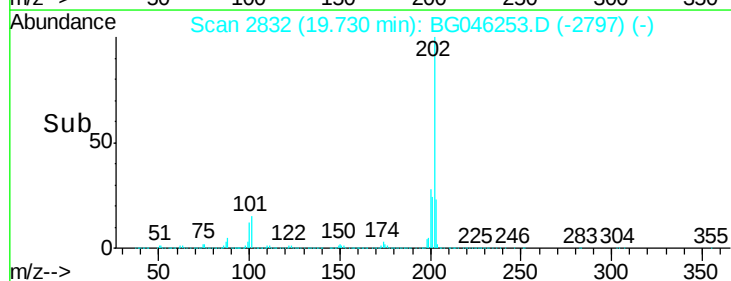
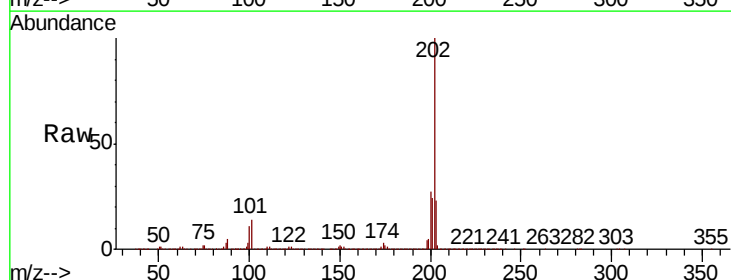
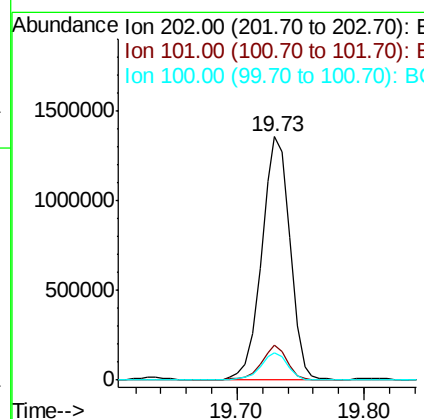
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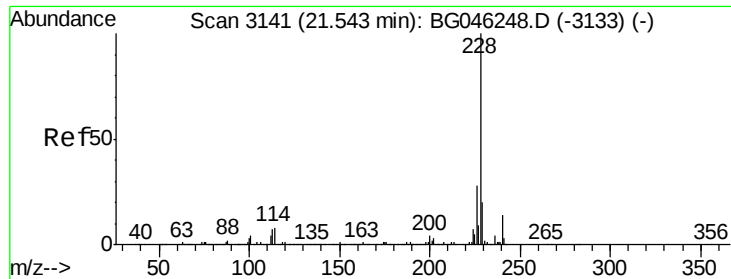
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#20
Pyrene
 Concen: 53.771 ng/ul
 RT: 19.73 min Scan# 2832
 Delta R.T. 0.01 min
 Lab File: BG046253.D
 Acq: 13 Aug 2020 17:40

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.2	8.9	13.3#
100	11.3	7.9	11.9





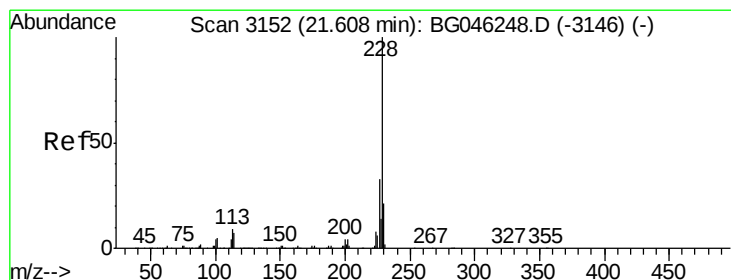
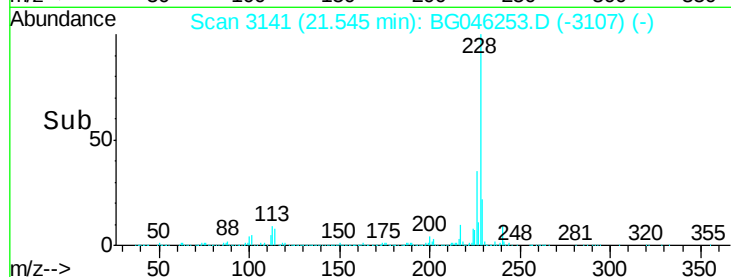
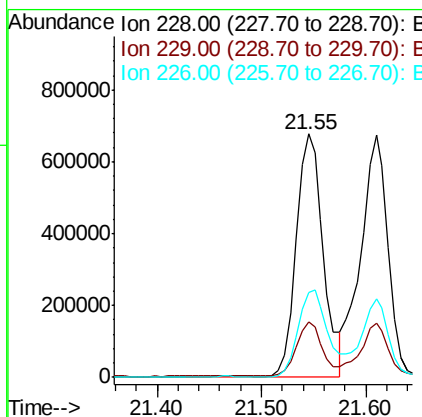
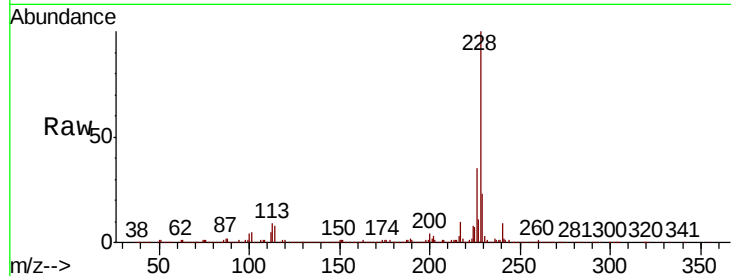
#21
Benzo(a)anthracene
Concen: 31.870 ng/ul m
RT: 21.55 min Scan# 3141
Delta R.T. 0.00 min
Lab File: BG046253.D
Acq: 13 Aug 2020 17:40

Instrument :
BNA_G
ClientSampled :
BFM67

Tot Ion	Ratio	Lower	Upper
228	100		
229	22.9	16.6	25.0
226	34.8	22.6	33.8

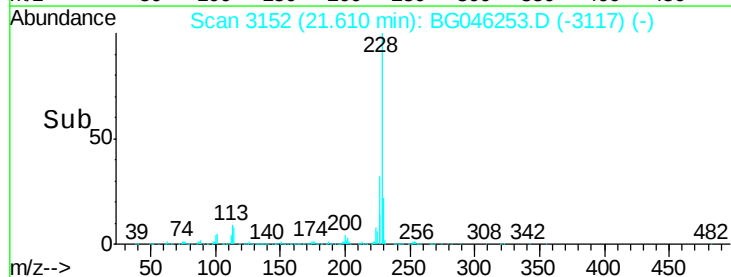
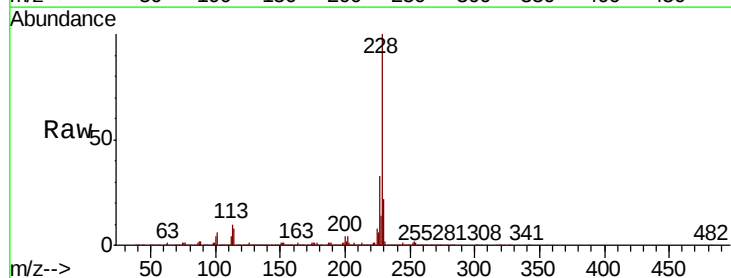
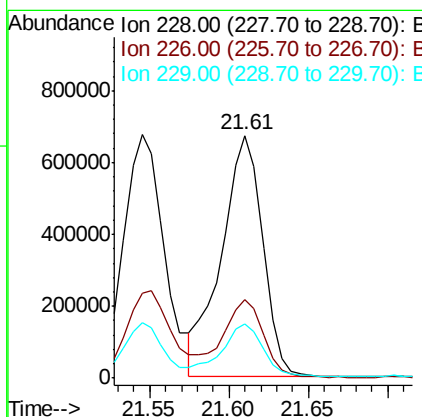
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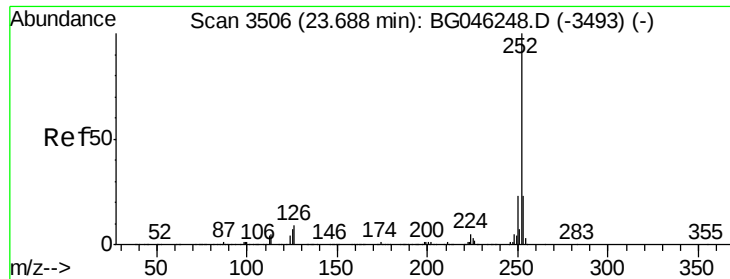
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#22
Chrysene
Concen: 32.589 ng/ul
RT: 21.61 min Scan# 3152
Delta R.T. 0.01 min
Lab File: BG046253.D
Acq: 13 Aug 2020 17:40

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.5	25.5	38.3
229	22.3	17.0	25.4





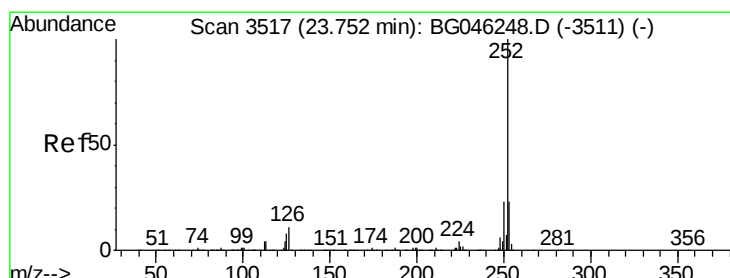
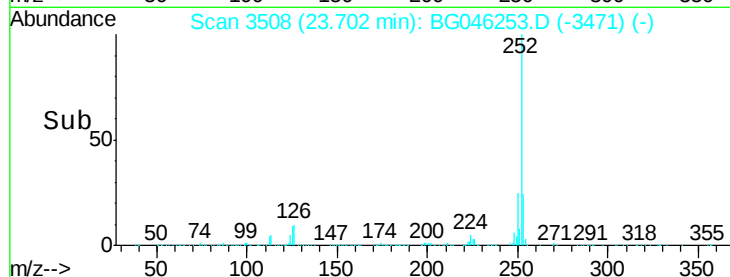
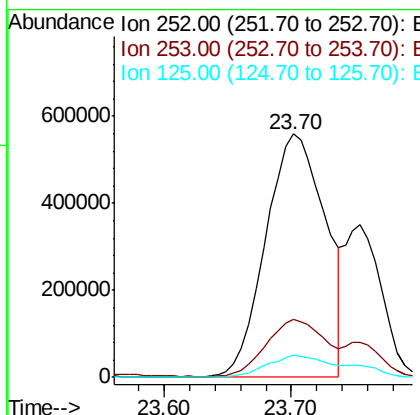
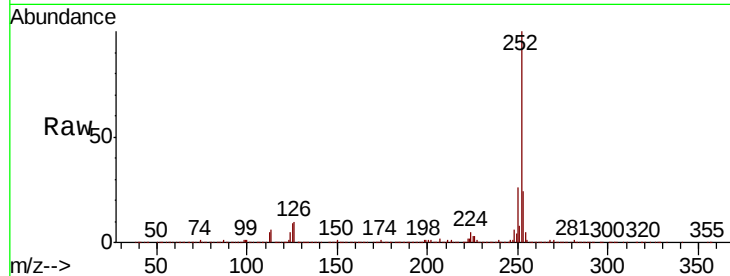
#24
Benzo(b)fluoranthene
Concen: 43.052 ng/uL
RT: 23.70 min Scan# 3508
Delta R.T. 0.02 min
Lab File: BG046253.D
Acq: 13 Aug 2020 17:40

Instrument :
BNA_G
ClientSampleId :
BFM67

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.8	26.6
125	8.9	6.4	9.6

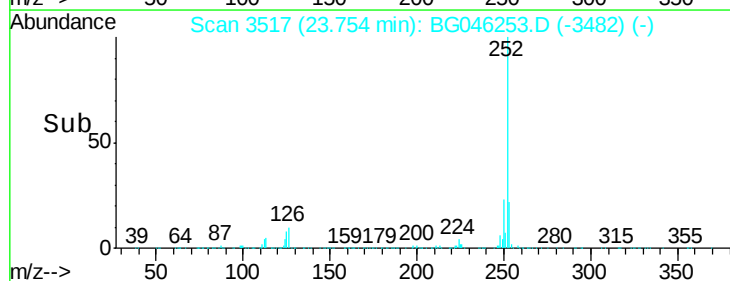
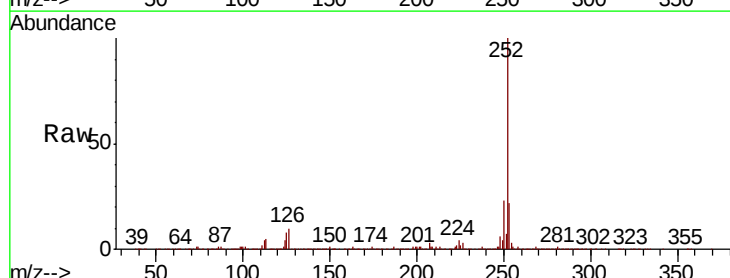
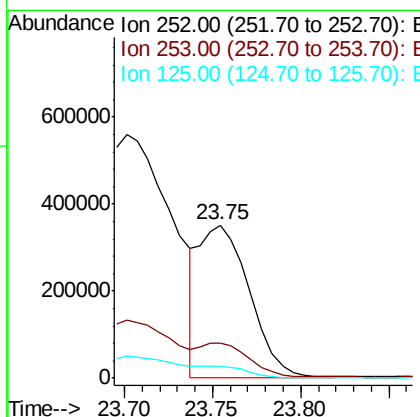
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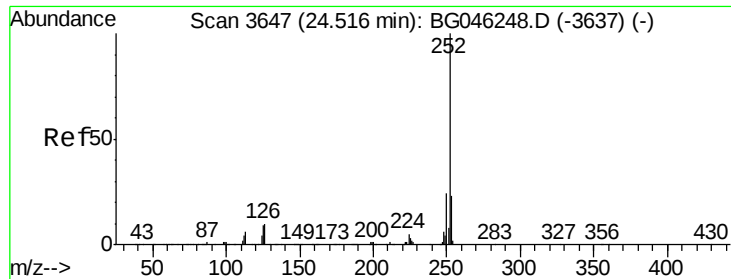
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#25
Benzo(k)fluoranthene
Concen: 16.819 ng/uL m
RT: 23.75 min Scan# 3517
Delta R.T. 0.01 min
Lab File: BG046253.D
Acq: 13 Aug 2020 17:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.5	27.7
125	7.9	6.2	9.2





#27

Benzo(a)pyrene

Concen: 34.848 ng/ul

RT: 24.53 min Scan# 3649

Delta R.T. 0.01 min

Lab File: BG046253.D

Acq: 13 Aug 2020 17:40

Instrument :

BNA_G

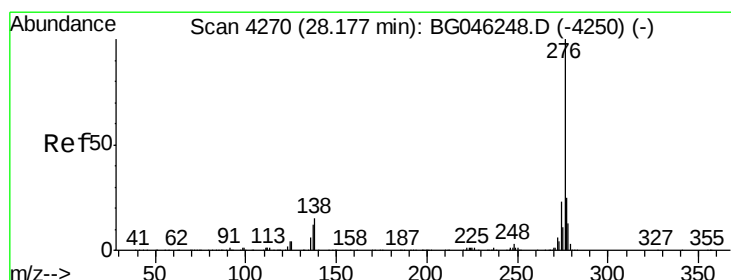
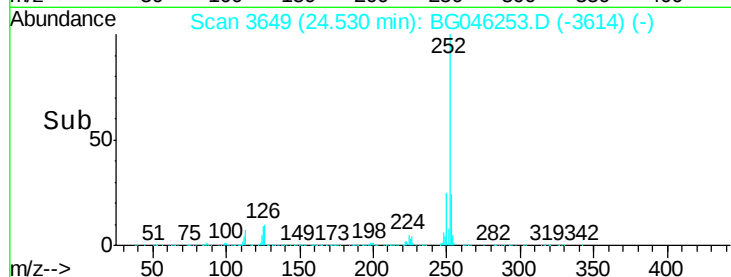
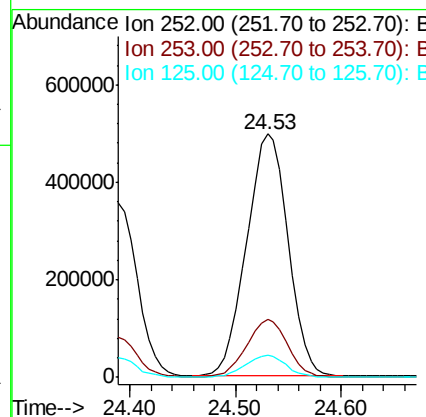
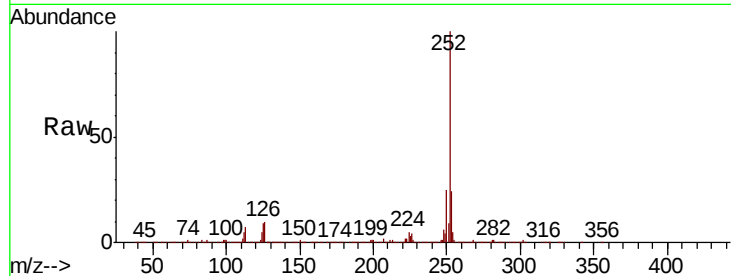
ClientSampled :

BFM67

Tot Ion:	252	Resp:	1351931
Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.8	26.8
125	8.9	7.1	10.7

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#28

Indeno(1,2,3-cd)pyrene

Concen: 20.137 ng/ul

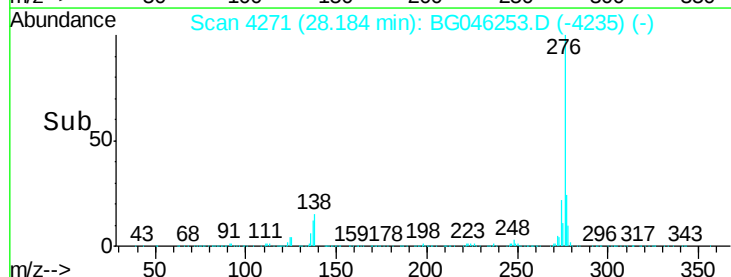
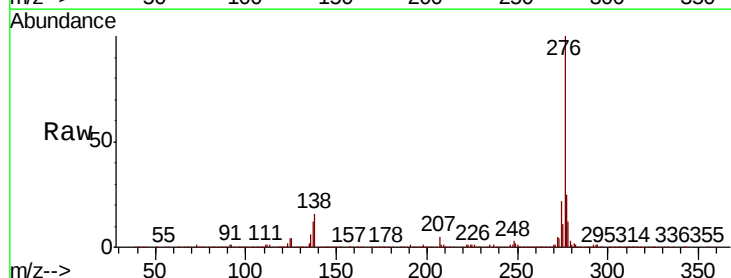
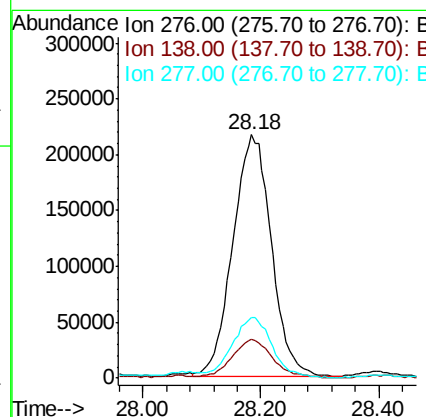
RT: 28.18 min Scan# 4271

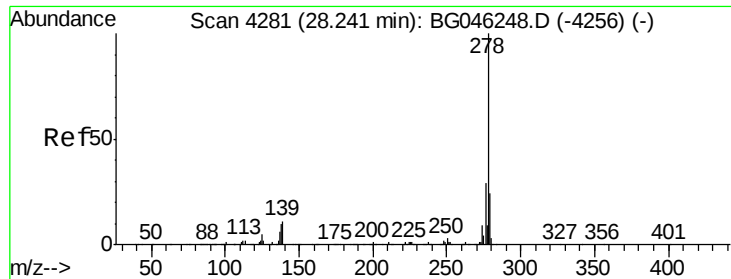
Delta R.T. 0.01 min

Lab File: BG046253.D

Acq: 13 Aug 2020 17:40

Tgt Ion:	276	Resp:	978199
Ion	Ratio	Lower	Upper
276	100		
138	15.7	13.2	19.8
277	24.9	19.9	29.9





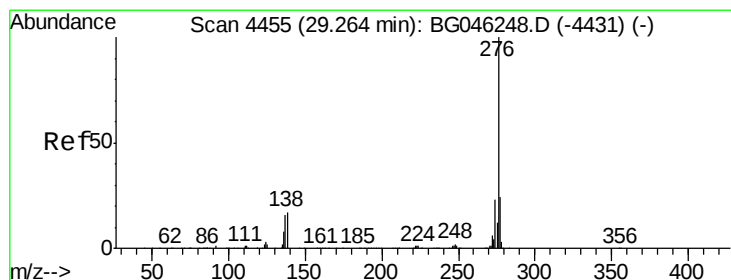
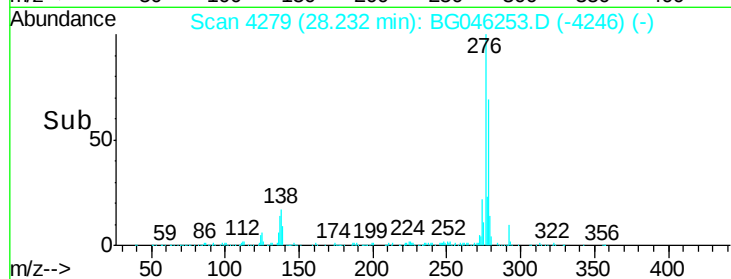
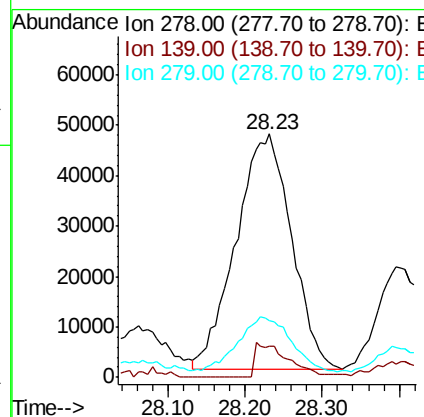
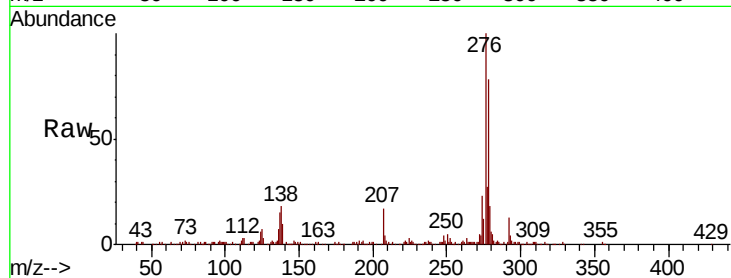
#29
Dibenzo(a,h)anthracene
Concen: 5.956 ng/u1
RT: 28.23 min Scan# 4279
Delta R.T. -0.01 min
Lab File: BG046253.D
Acq: 13 Aug 2020 17:40

Instrument :
BNA_G
ClientSampleId :
BFM67

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.6	9.8	14.8
279	23.3	19.7	29.5

Manual Integrations
APPROVED

Sohil
8/14/2020 2:52:27 PM



#30
Benzo(g,h,i)perylene
Concen: 21.302 ng/u1
RT: 29.28 min Scan# 4458
Delta R.T. 0.02 min
Lab File: BG046253.D
Acq: 13 Aug 2020 17:40

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.5	12.9	19.3
277	24.6	19.4	29.0

