

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
 Data File : BG046344.D
 Acq On : 19 Aug 2020 12:45
 Operator : CG/JU
 Sample : L3633-17
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFME5

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Quant Time: Aug 19 13:30:17 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 19 11:06:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	73919	20.00	ng/ul	0.00
2) Naphthalene-d8	10.73	136	305361	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.56	164	201977	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	458016	20.00	ng/ul	0.00
18) Chrysene-d12	21.56	240	440958	20.00	ng/ul	0.00
23) Perylene-d12	24.66	264	468536	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	96935	18.44	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	375582	20.21	ng/ul	0.00
10) Fluorene-d10	15.56	176	301468	21.17	ng/ul	0.00
15) Anthracene-d10	17.41	188	449853	21.19	ng/ul	0.00
19) Pyrene-d10	19.69	212	502828	22.15	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.45	264	543488	21.26	ng/ul	0.00
Target Compounds				Qvalue		
4) Naphthalene	10.79	128	30744	1.936	ng/ul	97
5) 2-Methylnaphthalene	12.39	142	13760	1.136	ng/ul	97
8) Acenaphthylene	14.29	152	22657	1.199	ng/ul#	94
9) Acenaphthene	14.63	153	26751	1.982	ng/ul	97
11) Fluorene	15.62	166	33425	2.118	ng/ul	96
14) Phenanthrene	17.35	178	639017	25.361	ng/ul	99
16) Anthracene	17.44	178	110655	4.352	ng/ul	99
17) Fluoranthene	19.36	202	849306	30.229	ng/ul	99
20) Pyrene	19.72	202	723391	24.992	ng/ul	99
21) Benzo(a)anthracene	21.54	228	394034	13.734	ng/ul	98
22) Chrysene	21.60	228	426048	15.362	ng/ul	98
24) Benzo(b)fluoranthene	23.68	252	549016	17.720	ng/ul	98
25) Benzo(k)fluoranthene	23.74	252	189144m	6.154	ng/ul	
27) Benzo(a)pyrene	24.51	252	349261	12.278	ng/ul	99
28) Indeno(1,2,3-cd)pyrene	28.17	276	247489	6.949	ng/ul	98
29) Dibenzo(a,h)anthracene	28.21	278	66649	2.308	ng/ul	96
30) Benzo(g,h,i)perylene	29.25	276	209765	7.037	ng/ul	99

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

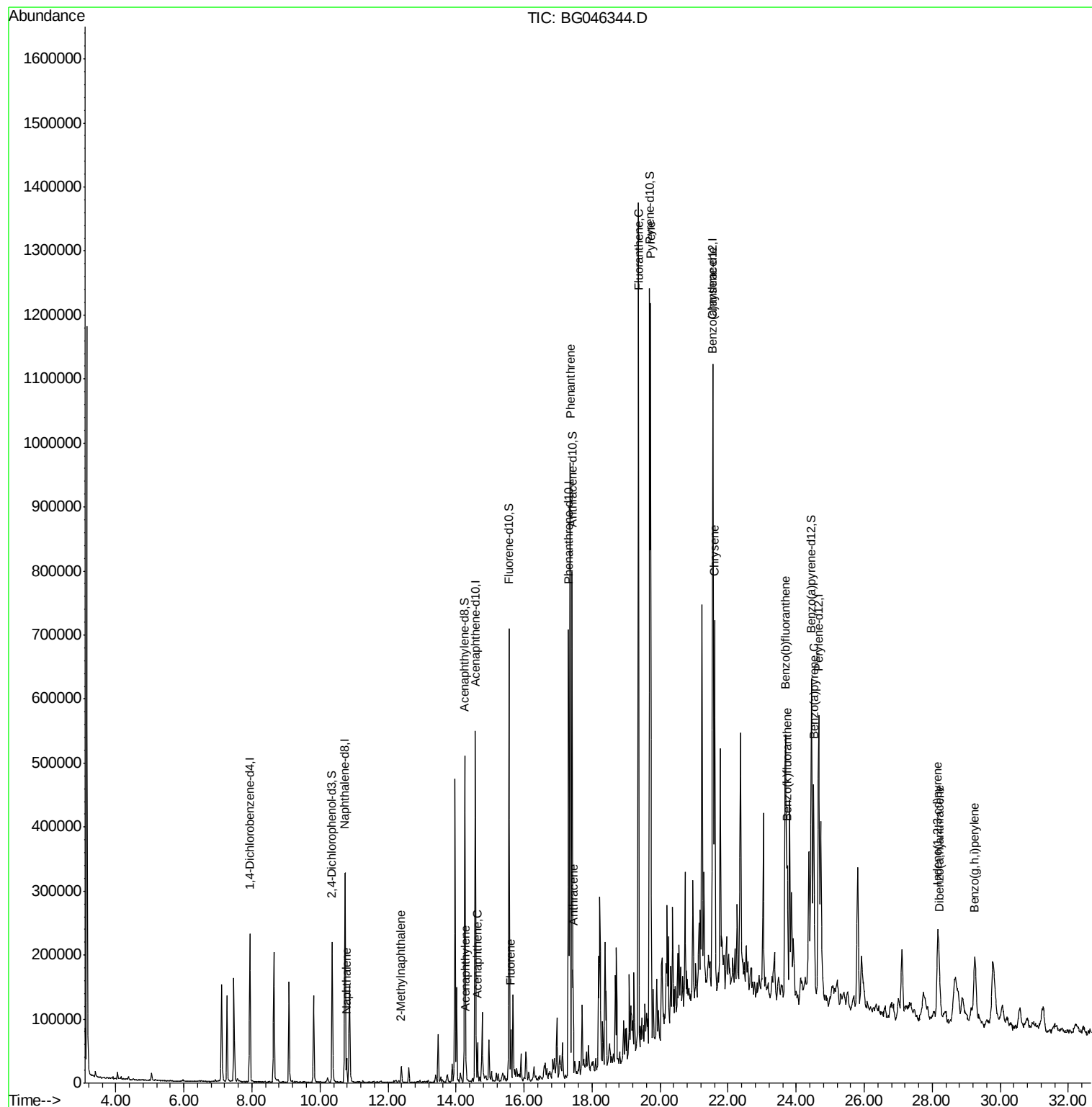
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
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ALS Vial : 7 Sample Multiplier: 1

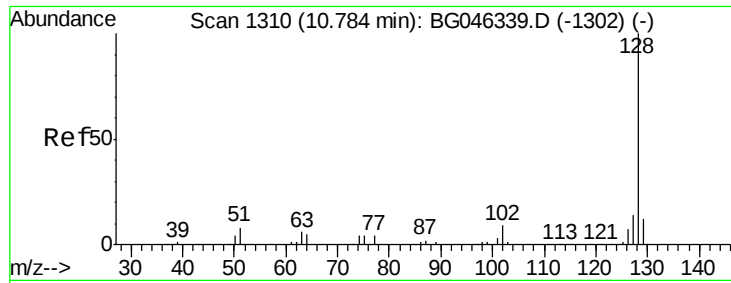
Instrument :
BNA_G
ClientSampleId :
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Quant Time: Aug 19 13:30:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
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QLast Update : Wed Aug 19 11:06:56 2020
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#4

Naphthalene

Concen: 1.936 ng/ul

RT: 10.79 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BG046344.D

Acq: 19 Aug 2020 12:45

Instrument :

BNA_G

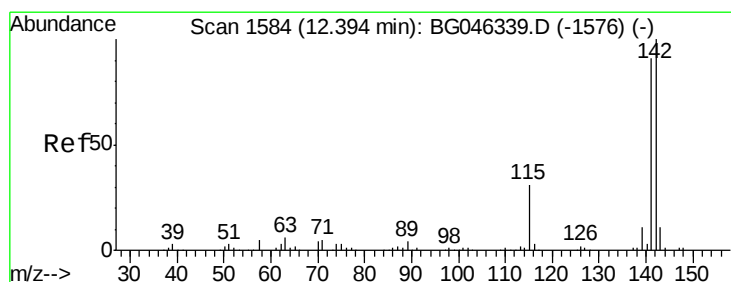
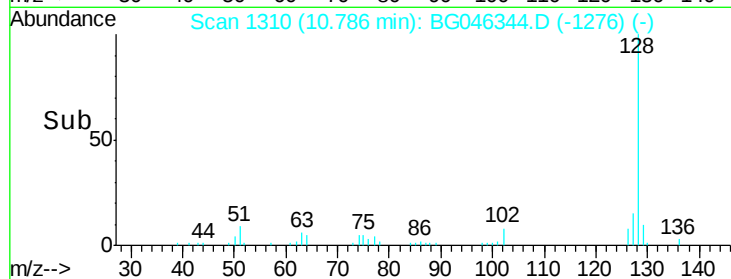
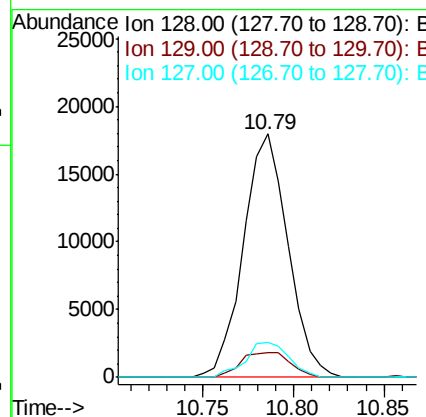
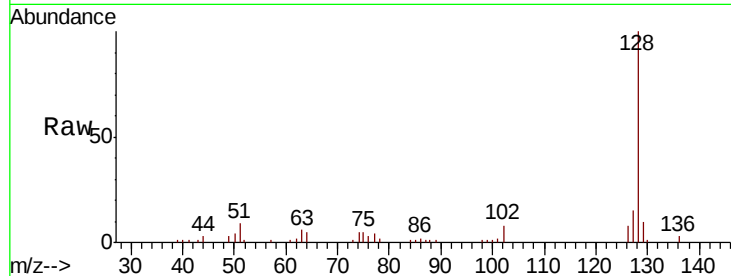
ClientSampleId :

BFME5

Tot Ion:	128	Resp:	30744
Ion Ratio	Lower	Upper	
128	100		
129	10.2	9.0	13.6
127	14.6	10.9	16.3

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#5

2-Methylnaphthalene

Concen: 1.136 ng/ul

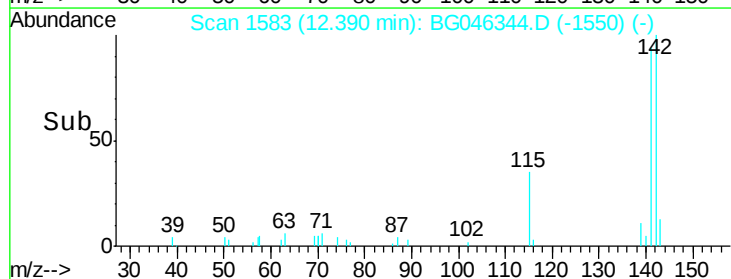
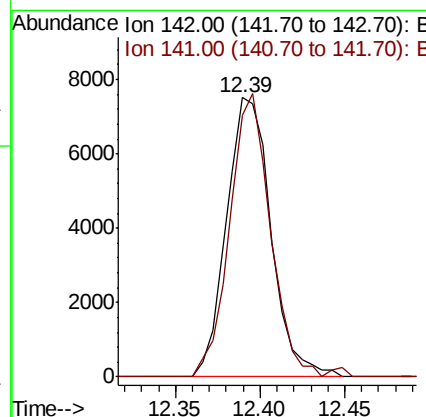
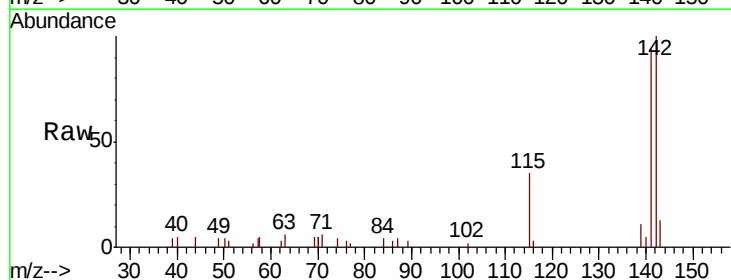
RT: 12.39 min Scan# 1583

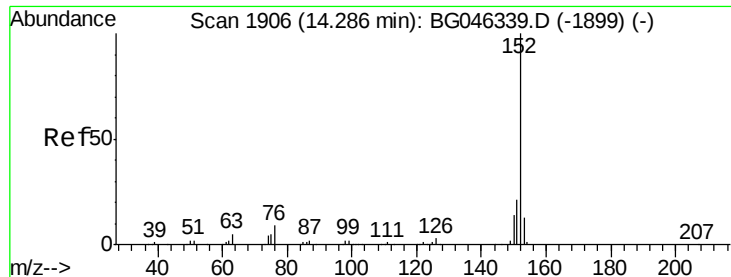
Delta R.T. -0.00 min

Lab File: BG046344.D

Acq: 19 Aug 2020 12:45

Tgt Ion:	142	Resp:	13760
Ion Ratio	Lower	Upper	
142	100		
141	93.7	72.5	108.7





#8

Acenaphthylene

Concen: 1.199 ng/ul

RT: 14.29 min Scan# 1907

Delta R.T. 0.01 min

Lab File: BG046344.D

Acq: 19 Aug 2020 12:45

Instrument :

BNA_G

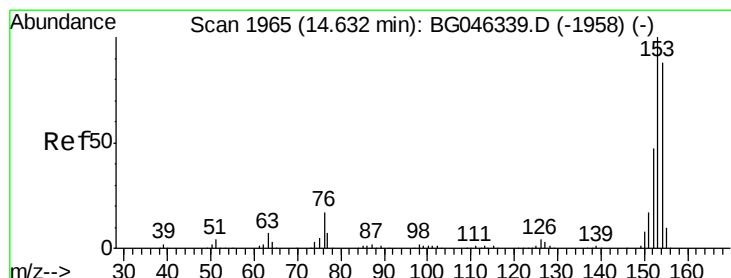
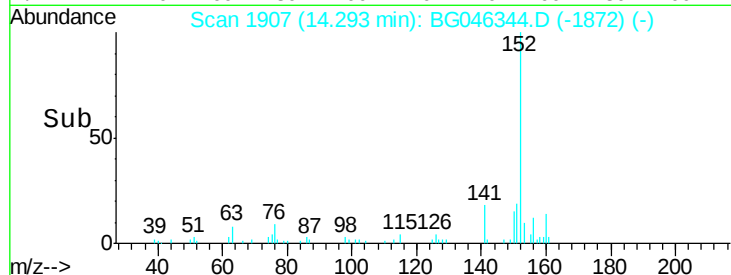
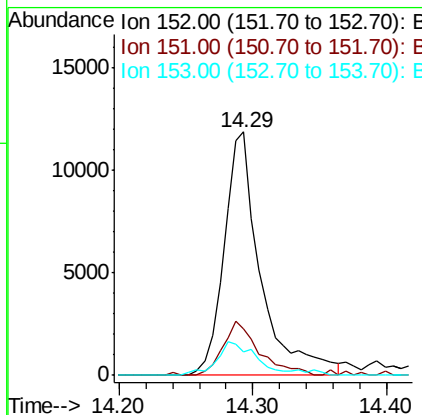
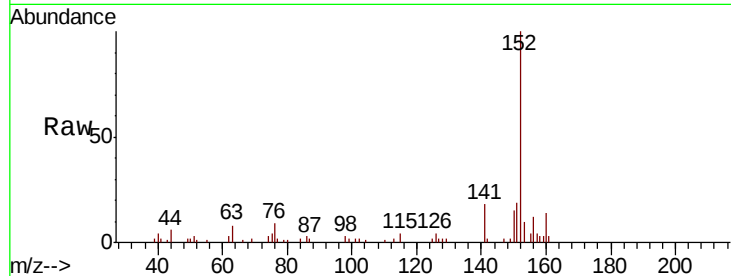
ClientSampleId :

BFME5

Tot Ion:	152	Resp:	22657
Ion Ratio	Lower	Upper	
152	100		
151	18.9	16.5	24.7
153	9.7	11.0	16.6#

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#9

Acenaphthene

Concen: 1.982 ng/ul

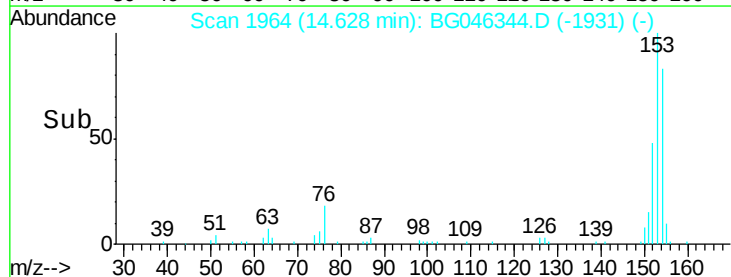
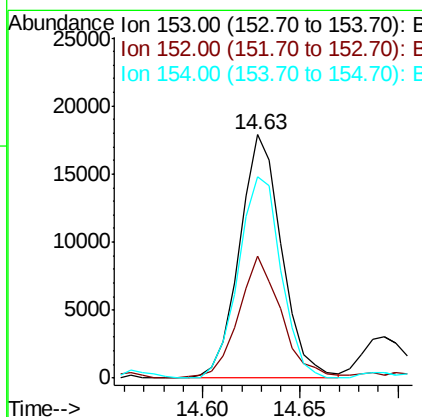
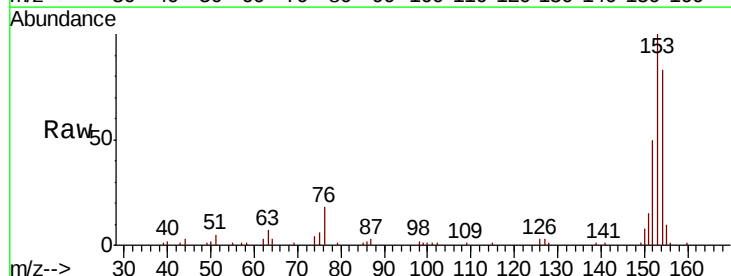
RT: 14.63 min Scan# 1964

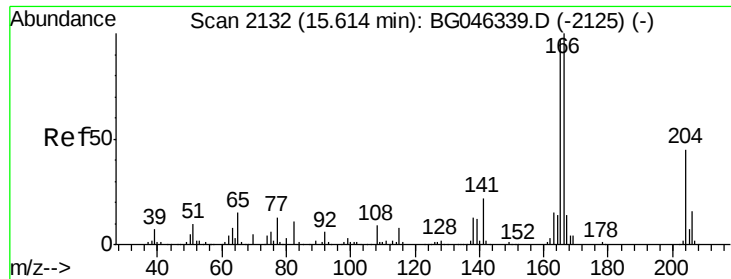
Delta R.T. -0.00 min

Lab File: BG046344.D

Acq: 19 Aug 2020 12:45

Tgt Ion:	153	Resp:	26751
Ion Ratio	Lower	Upper	
153	100		
152	49.9	37.2	55.8
154	82.8	67.8	101.6





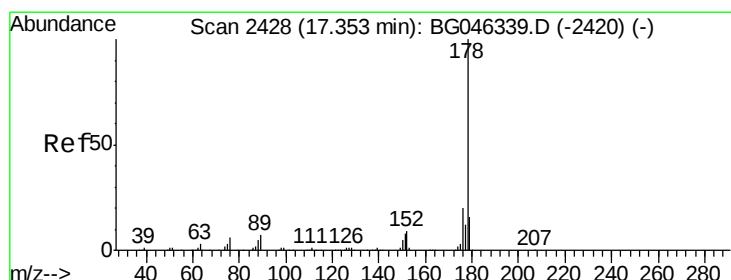
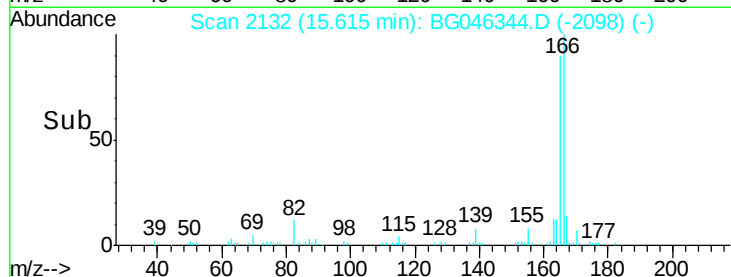
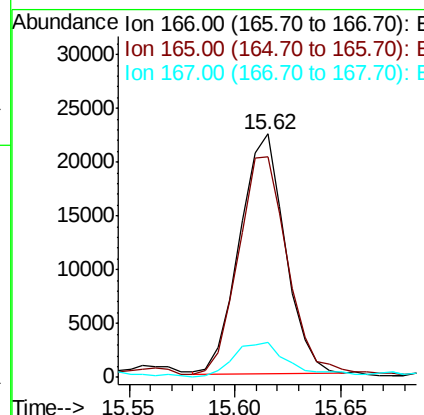
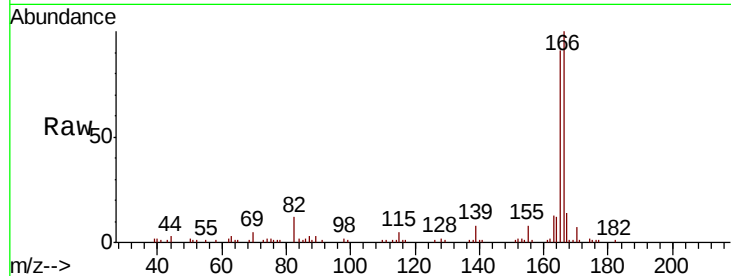
#11
Fluorene
 Concen: 2.118 ng/ul
 RT: 15.62 min Scan# 2132
 Delta R.T. 0.00 min
 Lab File: BG046344.D
 Acq: 19 Aug 2020 12:45

Instrument :
 BNA_G
 ClientSampleId :
 BFME5

Tot Ion	Ratio	Lower	Upper
166	100		
165	90.7	75.9	113.9
167	14.3	10.7	16.1

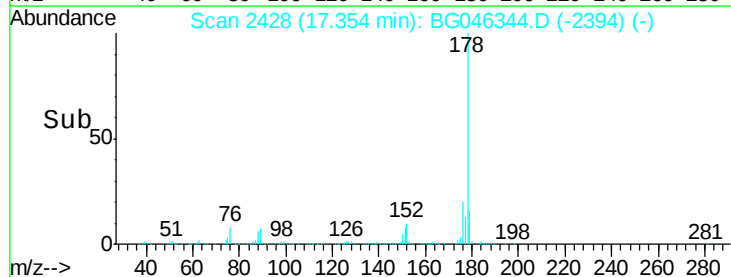
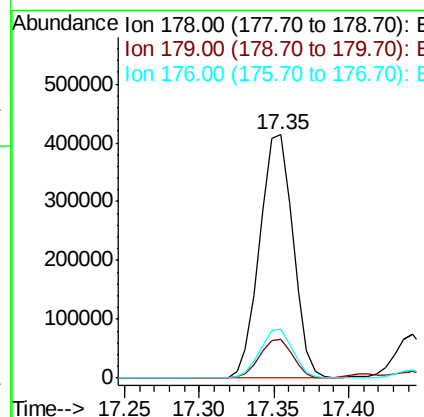
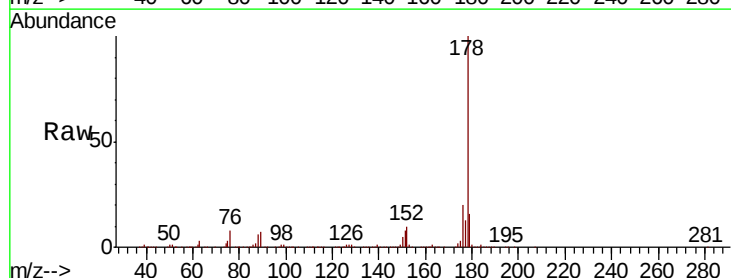
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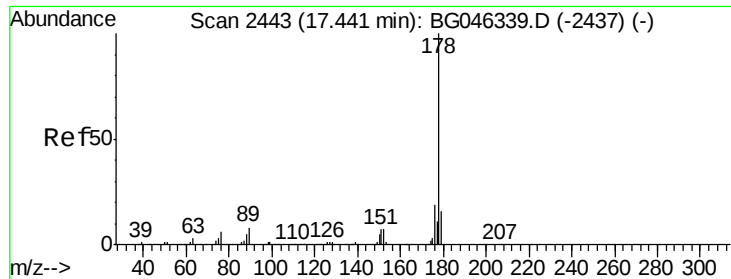
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#14
Phenanthrene
 Concen: 25.361 ng/ul
 RT: 17.35 min Scan# 2428
 Delta R.T. 0.00 min
 Lab File: BG046344.D
 Acq: 19 Aug 2020 12:45

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.8	19.2
176	20.3	15.8	23.8





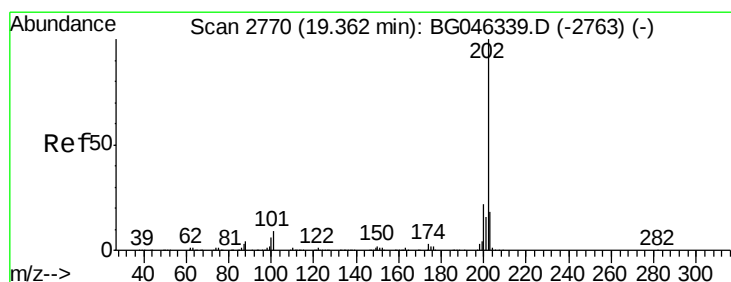
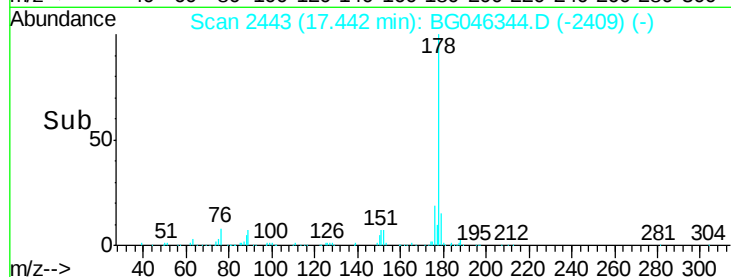
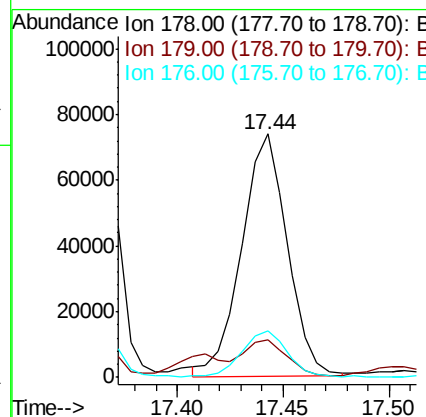
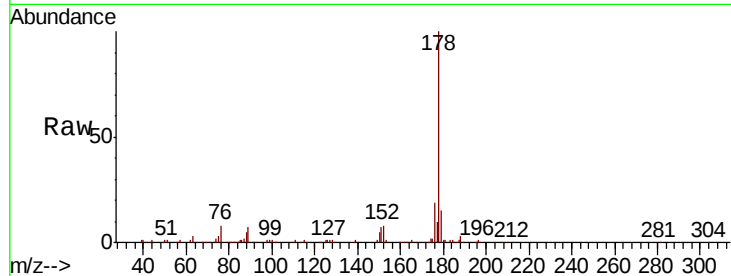
#16
 Anthracene
 Concen: 4.352 ng/ul
 RT: 17.44 min Scan# 2443
 Delta R.T. 0.00 min
 Lab File: BG046344.D
 Acq: 19 Aug 2020 12:45

Instrument :
 BNA_G
 ClientSampled :
 BFME5

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.4	13.2	19.8
176	18.9	15.2	22.8

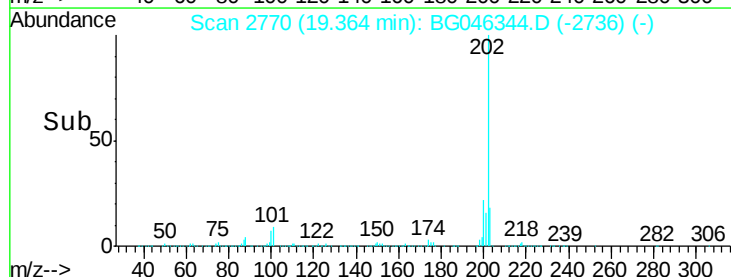
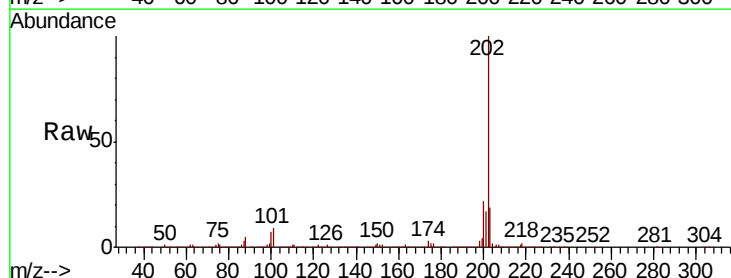
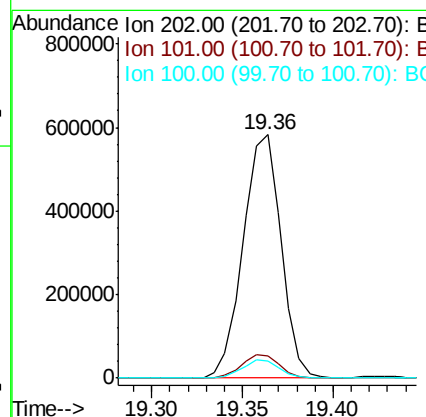
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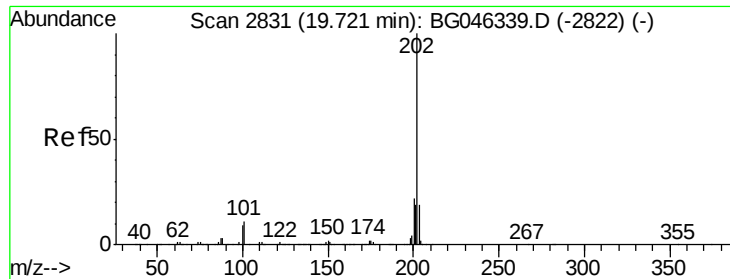
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#17
 Fluoranthene
 Concen: 30.229 ng/ul
 RT: 19.36 min Scan# 2770
 Delta R.T. 0.00 min
 Lab File: BG046344.D
 Acq: 19 Aug 2020 12:45

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.2	7.8	11.6
100	7.1	5.9	8.9





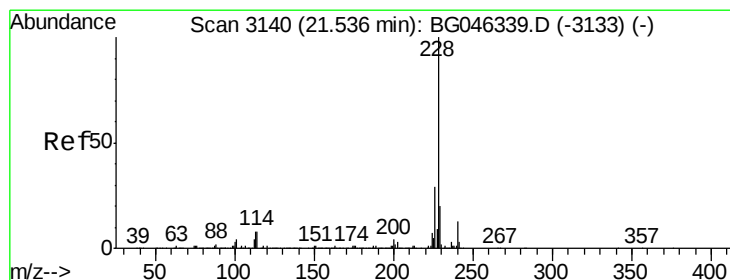
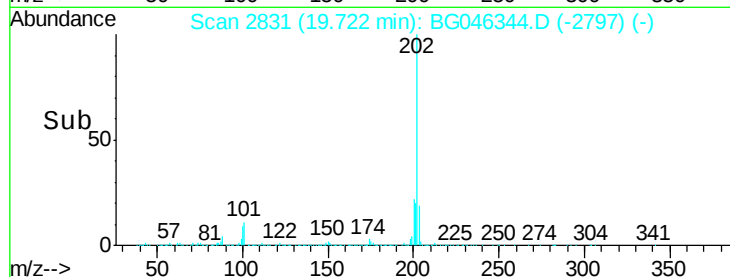
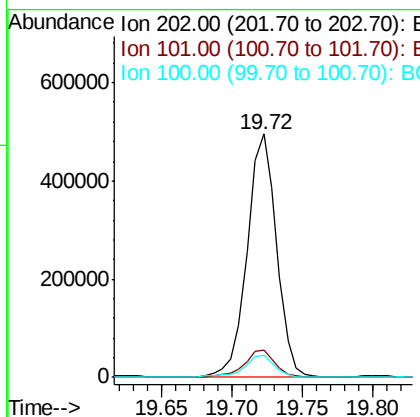
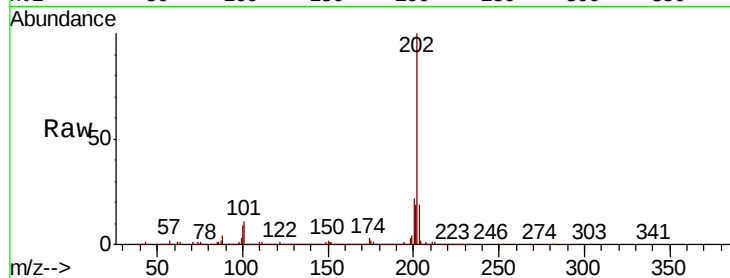
#20
Pvrene
Concen: 24.992 ng/ul
RT: 19.72 min Scan# 2831
Delta R.T. 0.00 min
Lab File: BG046344.D
Acq: 19 Aug 2020 12:45

Instrument :
BNA_G
ClientSampleId :
BFME5

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.2	8.9	13.3
100	9.1	7.9	11.9

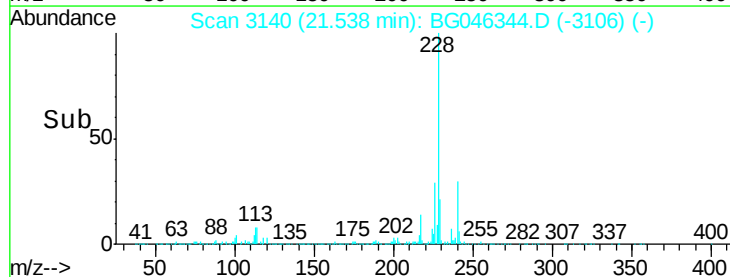
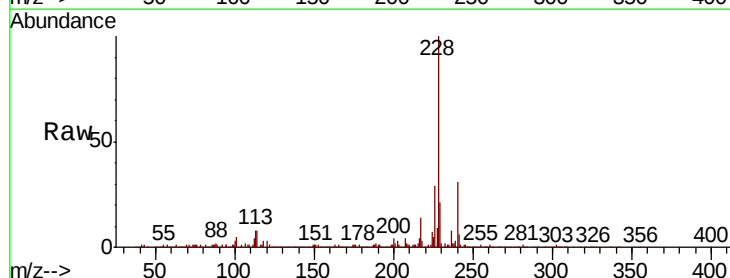
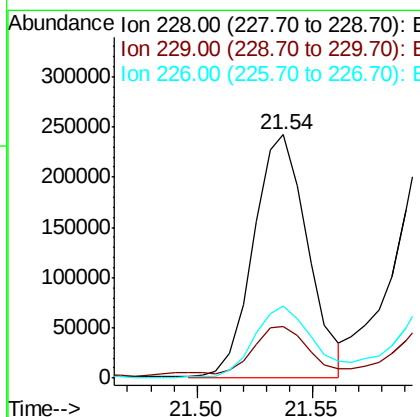
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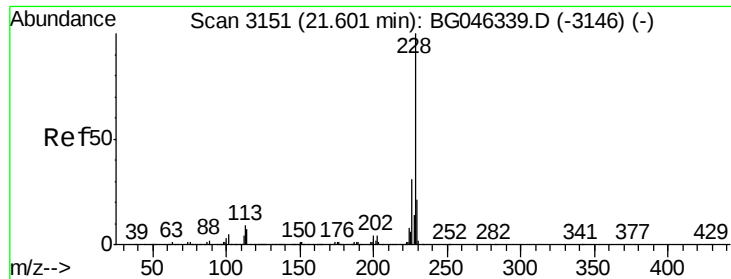
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#21
Benzo(a)anthracene
Concen: 13.734 ng/ul
RT: 21.54 min Scan# 3140
Delta R.T. 0.00 min
Lab File: BG046344.D
Acq: 19 Aug 2020 12:45

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	21.3	16.6	25.0
226	29.5	22.6	33.8





#22

Chrysene

Concen: 15.362 ng/ul

RT: 21.60 min Scan# 3151

Delta R.T. 0.00 min

Lab File: BG046344.D

Acq: 19 Aug 2020 12:45

Instrument :

BNA_G

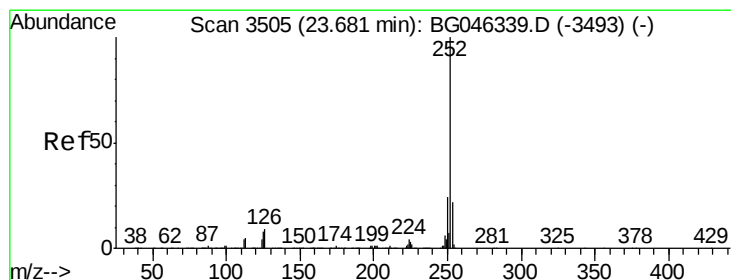
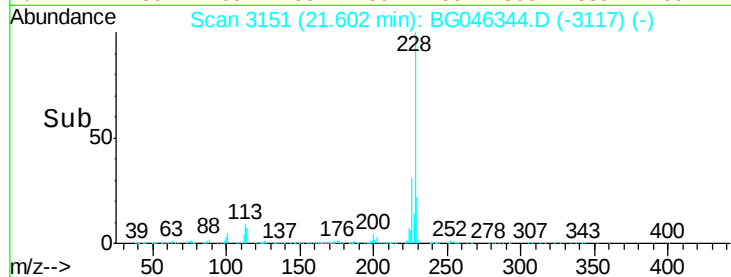
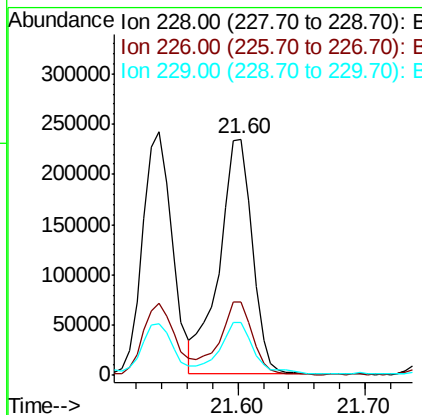
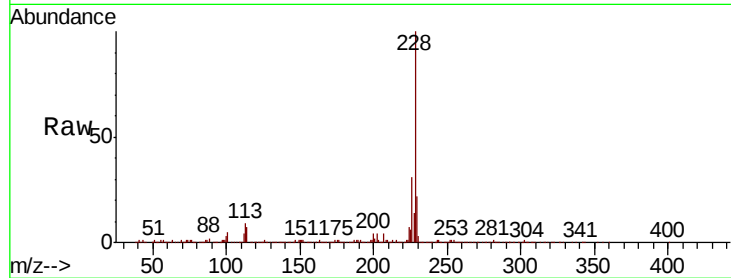
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Tot Ion:	228	Resp:	426048
Ion Ratio	Lower	Upper	
228	100		
226	30.8	25.5	38.3
229	22.1	17.0	25.4

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#24

Benzo(b)fluoranthene

Concen: 17.720 ng/ul

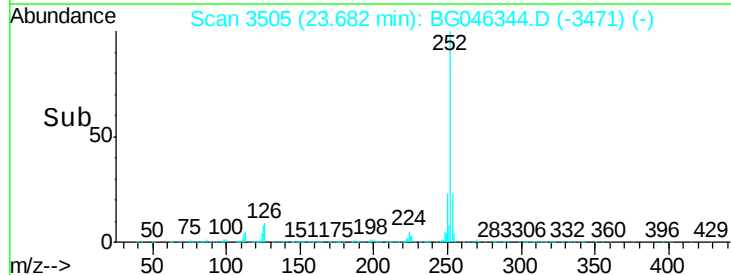
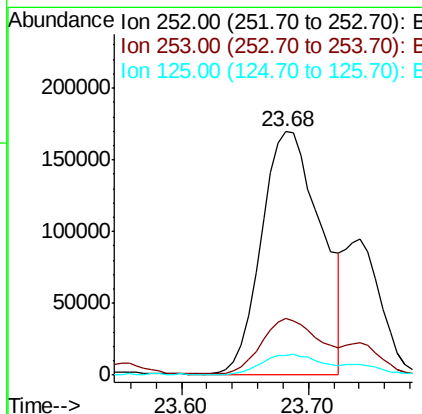
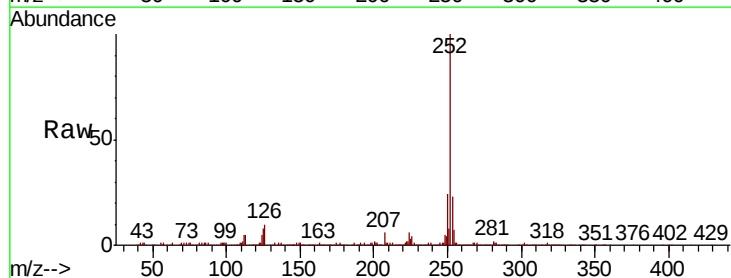
RT: 23.68 min Scan# 3505

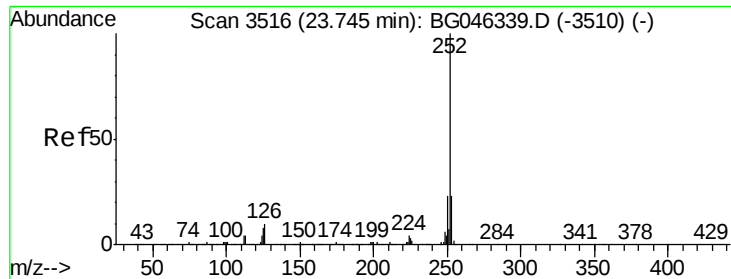
Delta R.T. 0.00 min

Lab File: BG046344.D

Acq: 19 Aug 2020 12:45

Tgt Ion:	252	Resp:	549016
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.8	26.6
125	7.9	6.4	9.6





#25

Benzo(k)fluoranthene

Concen: 6.154 ng/ul m

RT: 23.74 min Scan# 3515

Delta R.T. -0.00 min

Lab File: BG046344.D

Acq: 19 Aug 2020 12:45

Instrument :

BNA_G

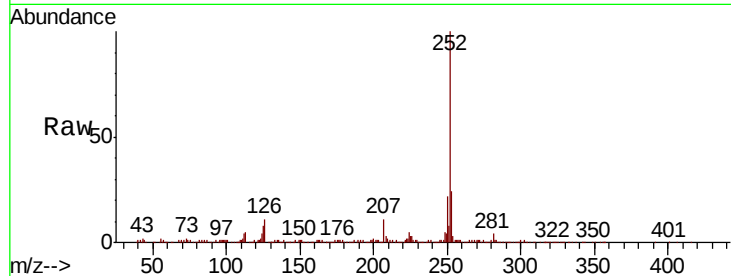
ClientSampled :

BFME5

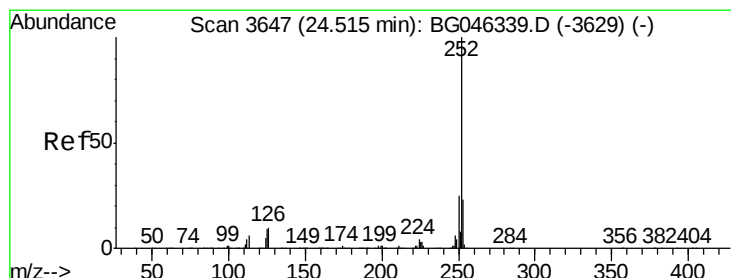
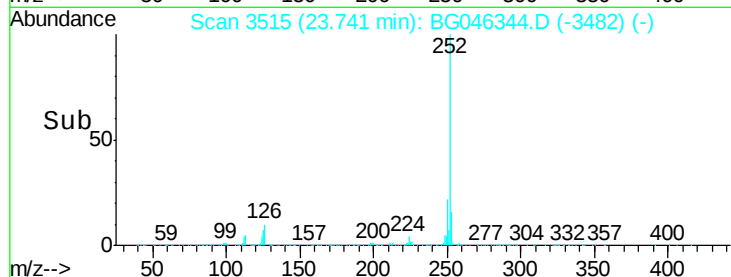
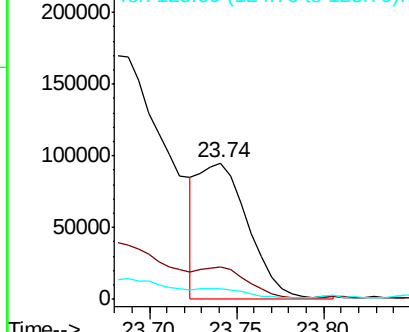
Tot Ion:	252	Resp:	189144
Ion Ratio	Lower	Upper	
252	100		
253	23.9	18.5	27.7
125	7.8	6.2	9.2

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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



#27

Benzo(a)pyrene

Concen: 12.278 ng/ul

RT: 24.51 min Scan# 3646

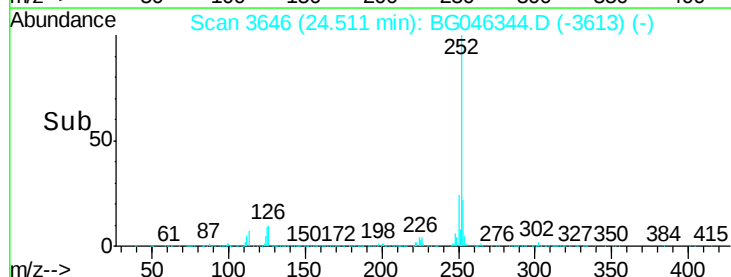
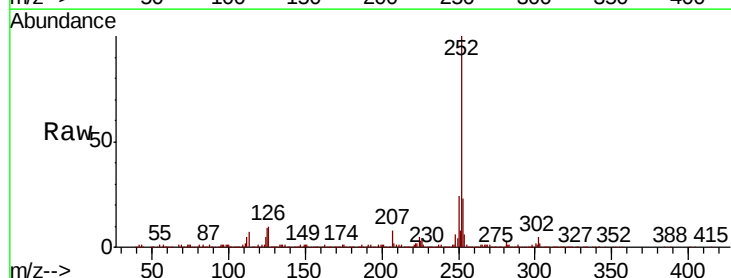
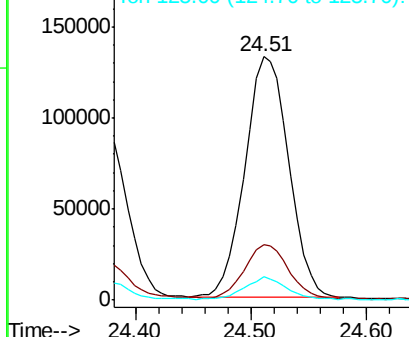
Delta R.T. -0.00 min

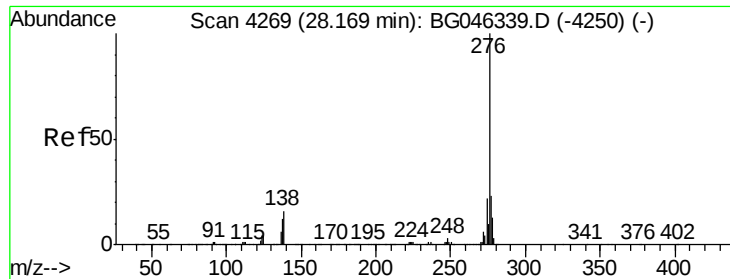
Lab File: BG046344.D

Acq: 19 Aug 2020 12:45

Tgt Ion:	252	Resp:	349261
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.8	26.8
125	9.5	7.1	10.7

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





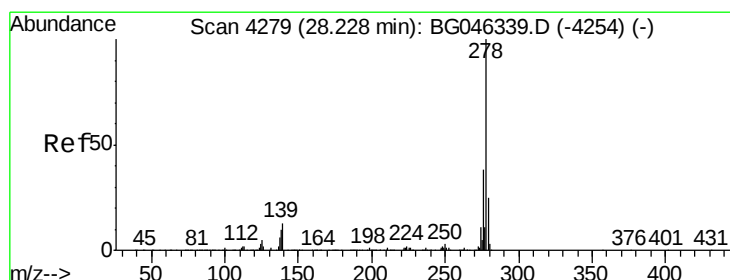
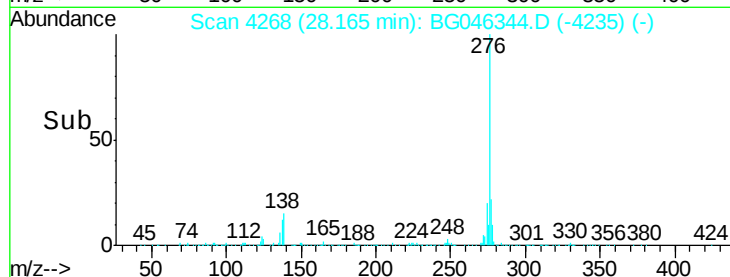
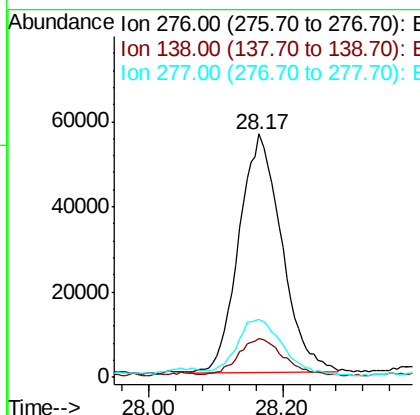
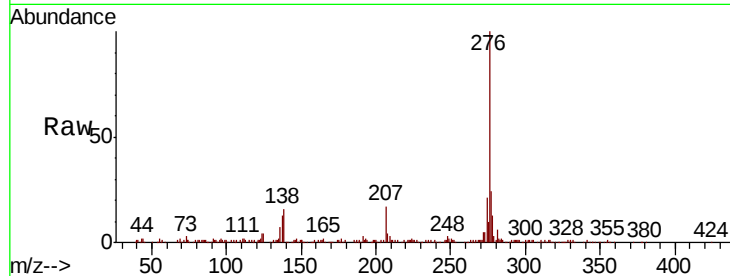
#28
 Indeno(1,2,3-cd)pyrene
 Concen: 6.949 ng/ul
 RT: 28.17 min Scan# 4268
 Delta R.T. -0.00 min
 Lab File: BG046344.D
 Acq: 19 Aug 2020 12:45

Instrument :
 BNA_G
 ClientSampleId :
 BFME5

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.7	13.2	19.8
277	23.6	19.9	29.9

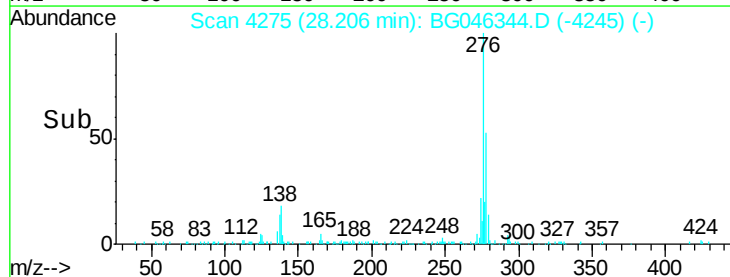
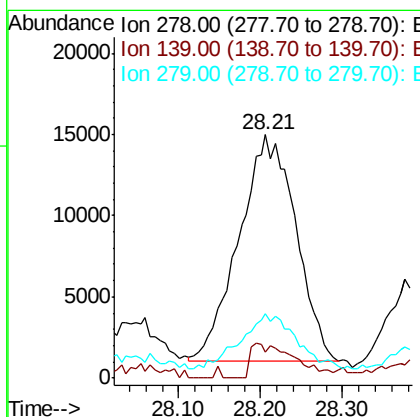
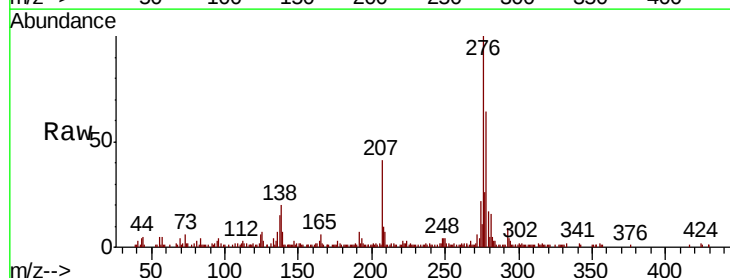
Manual Integrations
 APPROVED

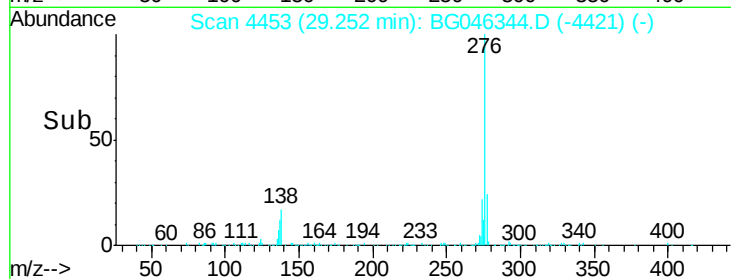
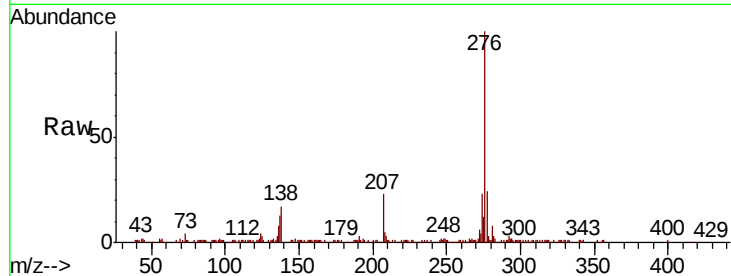
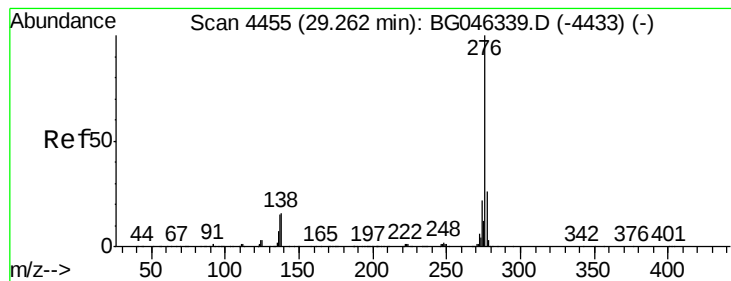
mohammad
 8/20/2020 12:22:56 PM



#29
 Dibenzo(a,h)anthracene
 Concen: 2.308 ng/ul
 RT: 28.21 min Scan# 4275
 Delta R.T. -0.02 min
 Lab File: BG046344.D
 Acq: 19 Aug 2020 12:45

Tgt Ion	Ratio	Lower	Upper
278	100		
139	10.9	9.8	14.8
279	26.5	19.7	29.5





#30

Benzo(a,h,i)perylene

Concen: 7.037 ng/ul

RT: 29.25 min Scan# 4453

Delta R.T. -0.01 min

Lab File: BG046344.D

Acq: 19 Aug 2020 12:45

Tot Ion	Ion	Ratio	Resp	Lower	Upper
276	100				
138	17.0	12.9	19.3		
277	24.5	19.4	29.0		

Instrument :

BNA_G

ClientSampleId :

BFME5

Manual Integrations
APPROVED

mohammad
8/20/2020 12:22:56 PM

