

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
 Data File : BG046343.D
 Acq On : 19 Aug 2020 12:04
 Operator : CG/JU
 Sample : L3633-15
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFME3

Manual Integrations
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mohammad
 8/20/2020 12:22:53 PM

Quant Time: Aug 19 12:42:49 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	85297	20.00	ng/ul	0.00
2) Naphthalene-d8	10.74	136	353829	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	233818	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	551796	20.00	ng/ul	0.00
18) Chrysene-d12	21.55	240	561964	20.00	ng/ul	0.00
23) Perylene-d12	24.66	264	598388	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	110669	18.17	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	440966	20.49	ng/ul	0.00
10) Fluorene-d10	15.55	176	340002	20.62	ng/ul	0.00
15) Anthracene-d10	17.41	188	523577	20.47	ng/ul	0.00
19) Pyrene-d10	19.69	212	636837	22.02	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.45	264	695783	21.31	ng/ul	0.00
Target Compounds				Qvalue		
8) Acenaphthylene	14.29	152	24839	1.135	ng/ul	98
9) Acenaphthene	14.63	153	16631	1.065	ng/ul	96
11) Fluorene	15.61	166	18701	1.024	ng/ul#	91
14) Phenanthrene	17.35	178	412238	13.580	ng/ul	99
16) Anthracene	17.44	178	76094	2.484	ng/ul	100
17) Fluoranthene	19.36	202	786528	23.236	ng/ul	99
20) Pyrene	19.72	202	738446	20.019	ng/ul	99
21) Benzo(a)anthracene	21.54	228	424557	11.612	ng/ul	99
22) Chrysene	21.60	228	459197	12.992	ng/ul	99
24) Benzo(b)fluoranthene	23.69	252	617141	15.596	ng/ul	98
25) Benzo(k)fluoranthene	23.74	252	239235m	6.095	ng/ul	
27) Benzo(a)pyrene	24.51	252	439003	12.084	ng/ul	100
28) Indeno(1,2,3-cd)pyrene	28.16	276	315940	6.946	ng/ul	99
29) Dibenzo(a,h)anthracene	28.21	278	87898m	2.383	ng/ul	
30) Benzo(a,h,i)perylene	29.26	276	249283	6.548	ng/ul	98

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

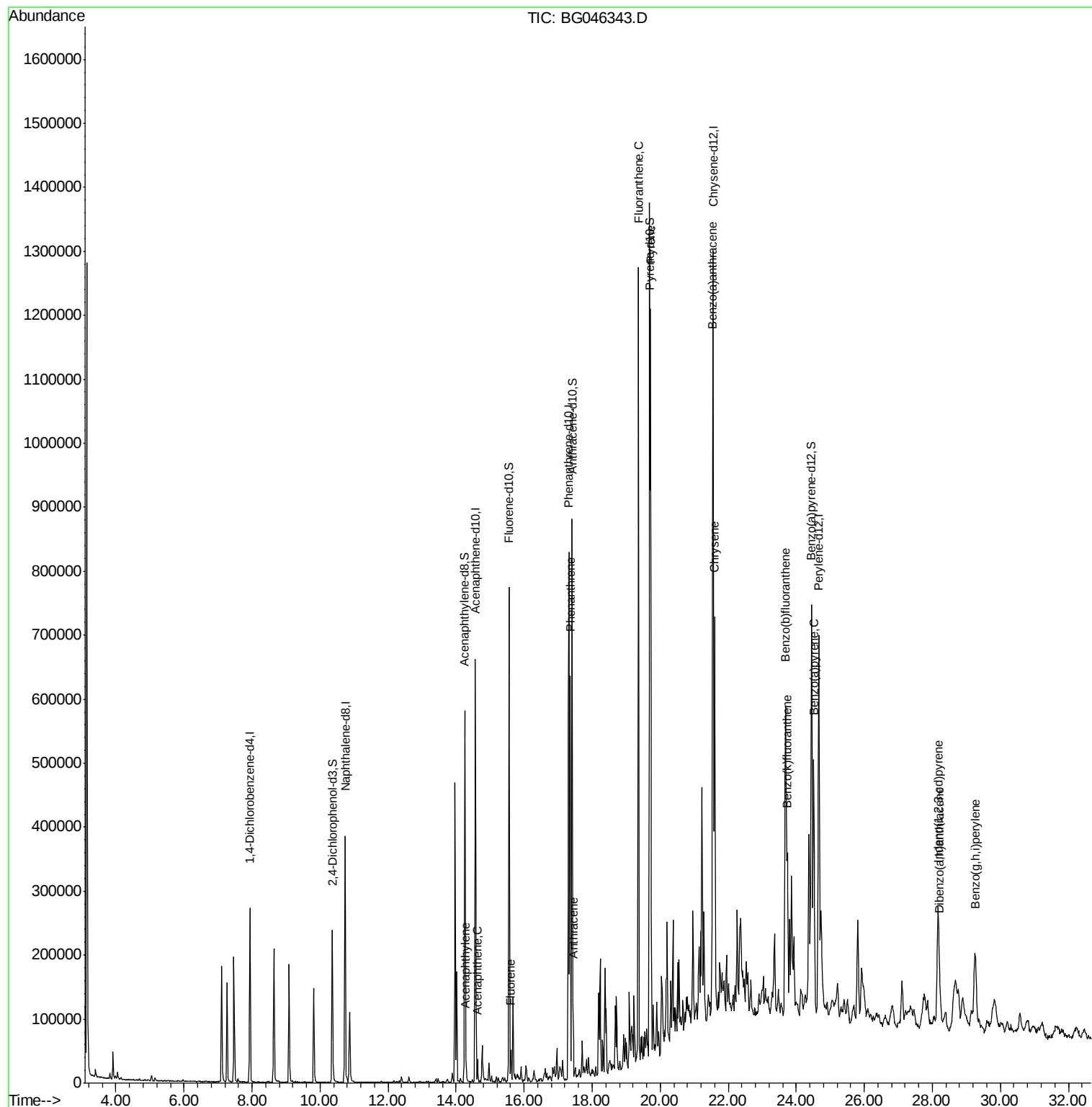
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
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ALS Vial : 6 Sample Multiplier: 1

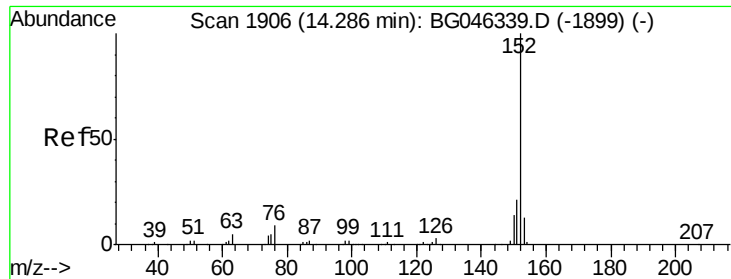
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Quant Time: Aug 19 12:42:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 19 11:06:56 2020
Response via : Initial Calibration





#8

Acenaphthylene

Concen: 1.135 ng/ul

RT: 14.29 min Scan# 1907

Delta R.T. 0.01 min

Lab File: BG046343.D

Acq: 19 Aug 2020 12:04

Instrument :

BNA_G

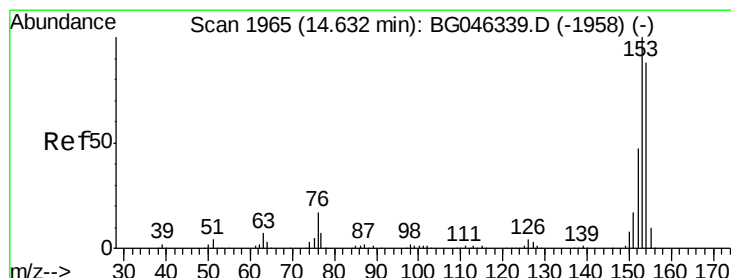
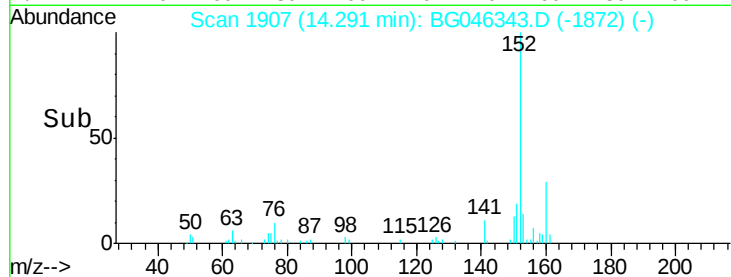
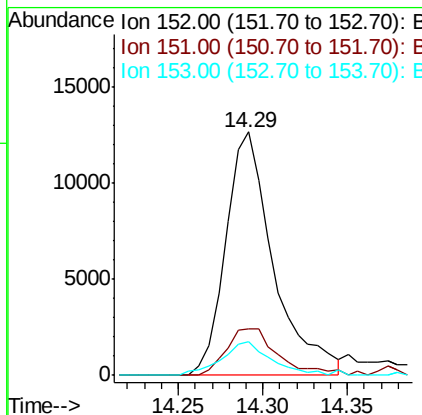
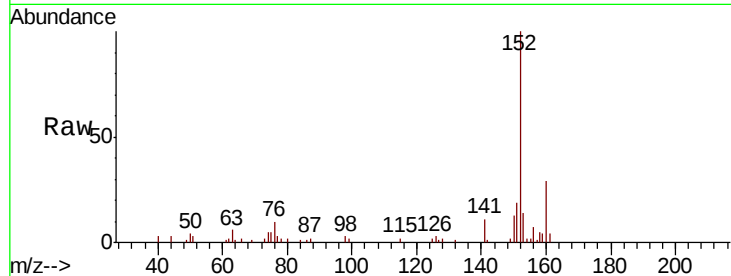
ClientSampleId :

BFME3

Tot Ion:	152	Resp:	24839
Ion	Ratio	Lower	Upper
152	100		
151	19.3	16.5	24.7
153	14.0	11.0	16.6

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#9

Acenaphthene

Concen: 1.065 ng/ul

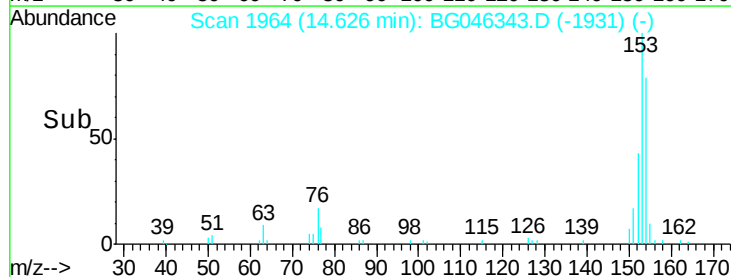
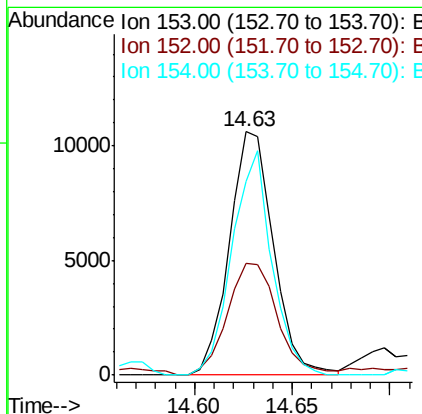
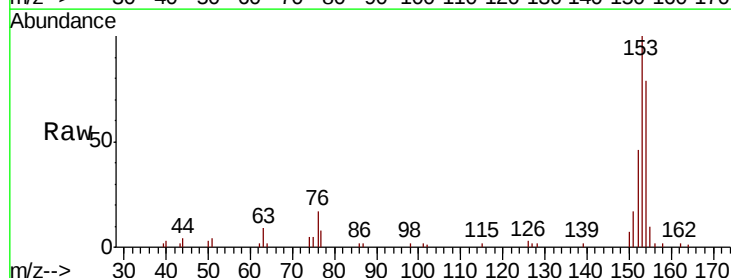
RT: 14.63 min Scan# 1964

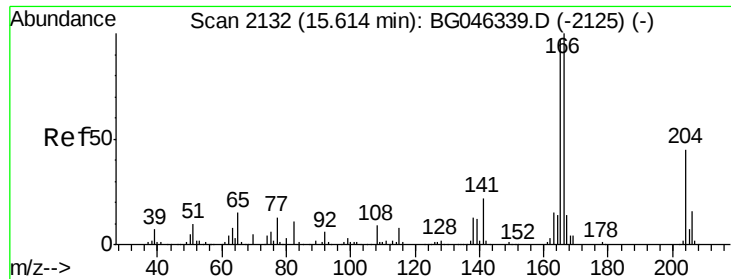
Delta R.T. -0.01 min

Lab File: BG046343.D

Acq: 19 Aug 2020 12:04

Tgt Ion:	153	Resp:	16631
Ion	Ratio	Lower	Upper
153	100		
152	45.8	37.2	55.8
154	79.4	67.8	101.6





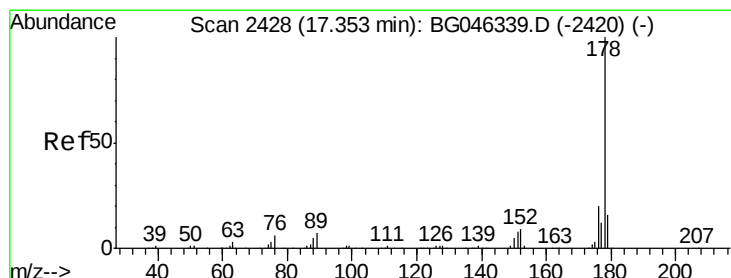
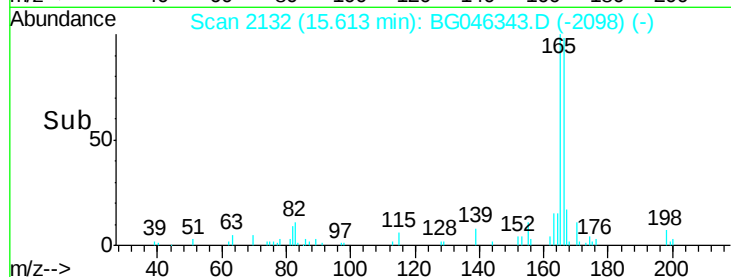
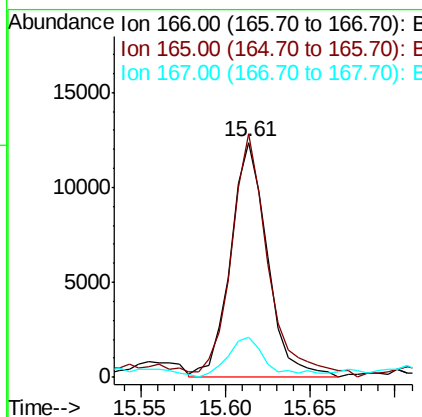
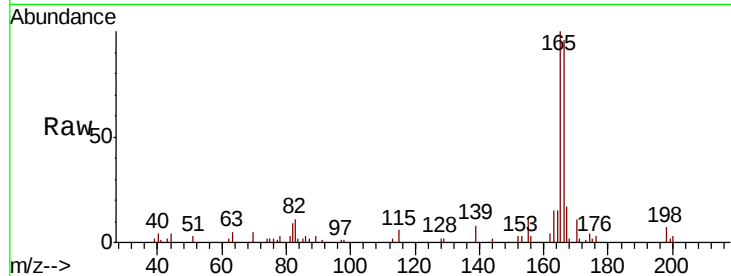
#11
 Fluorene
 Concen: 1.024 ng/ul
 RT: 15.61 min Scan# 2132
 Delta R.T. -0.00 min
 Lab File: BG046343.D
 Acq: 19 Aug 2020 12:04

Instrument :
 BNA_G
 ClientSampleId :
 BFME3

Tot Ion	Ratio	Lower	Upper
166	100		
165	103.8	75.9	113.9
167	17.4	10.7	16.1

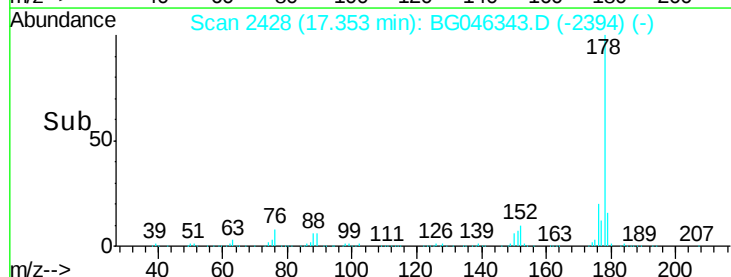
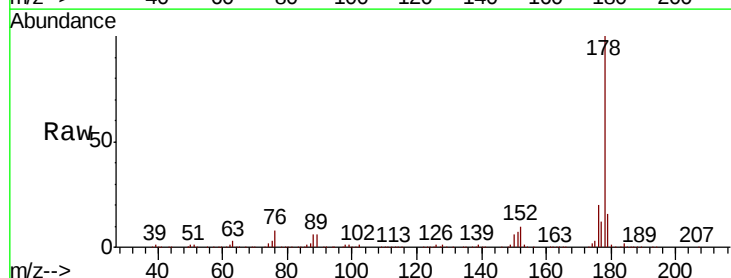
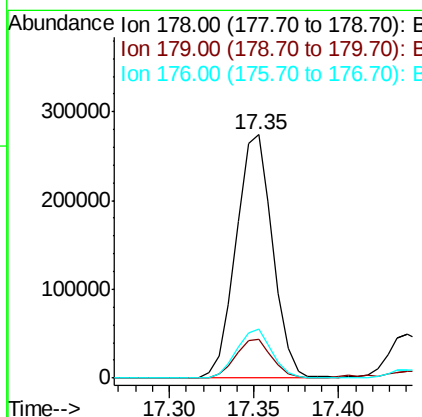
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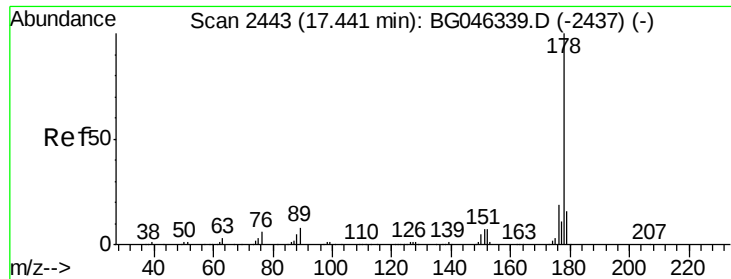
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#14
 Phenanthrene
 Concen: 13.580 ng/ul
 RT: 17.35 min Scan# 2428
 Delta R.T. -0.00 min
 Lab File: BG046343.D
 Acq: 19 Aug 2020 12:04

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.8	19.2
176	20.1	15.8	23.8





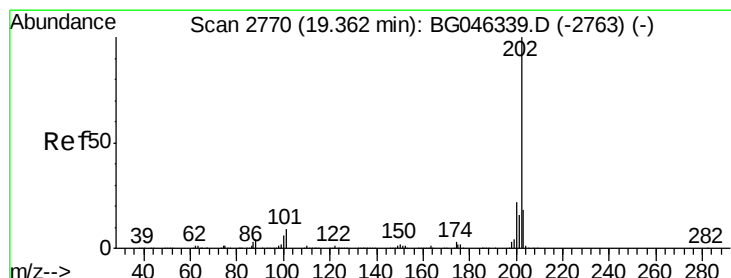
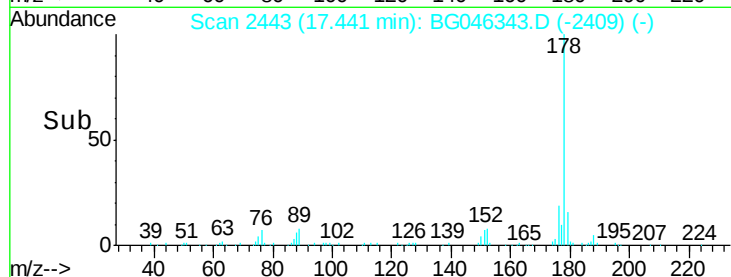
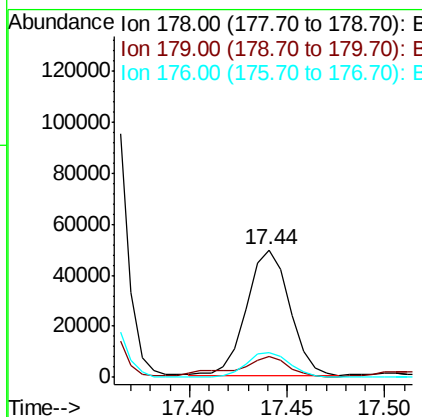
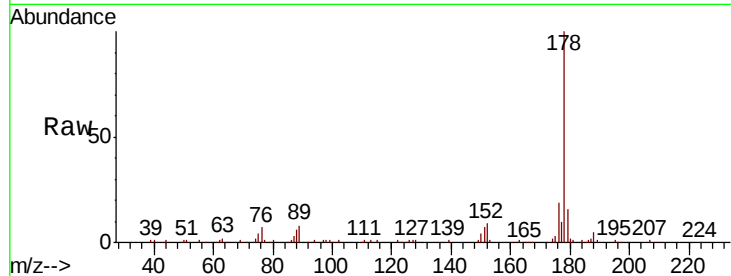
#16
 Anthracene
 Concen: 2.484 ng/ul
 RT: 17.44 min Scan# 2443
 Delta R.T. -0.00 min
 Lab File: BG046343.D
 Acq: 19 Aug 2020 12:04

Instrument :
 BNA_G
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
178	100		
179	16.2	13.2	19.8
176	19.1	15.2	22.8

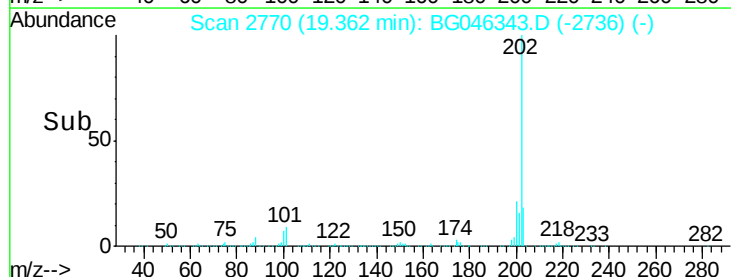
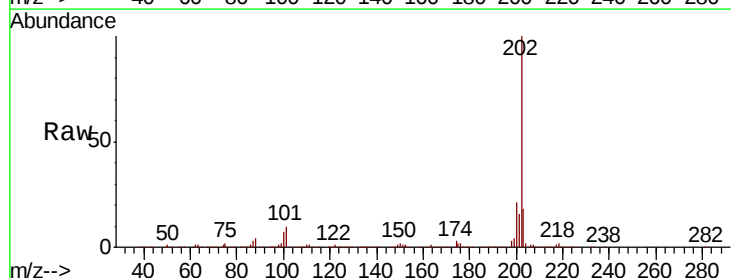
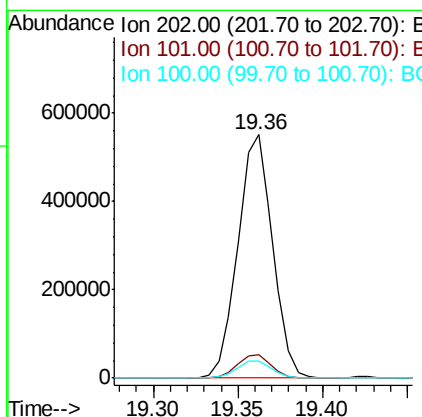
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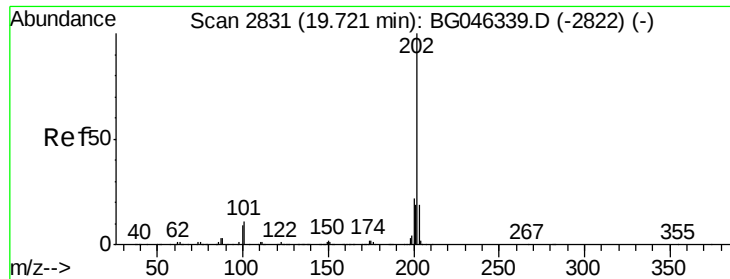
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#17
 Fluoranthene
 Concen: 23.236 ng/ul
 RT: 19.36 min Scan# 2770
 Delta R.T. -0.00 min
 Lab File: BG046343.D
 Acq: 19 Aug 2020 12:04

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.7	7.8	11.6
100	7.0	5.9	8.9





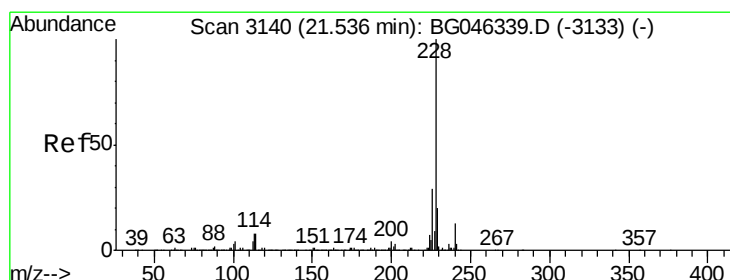
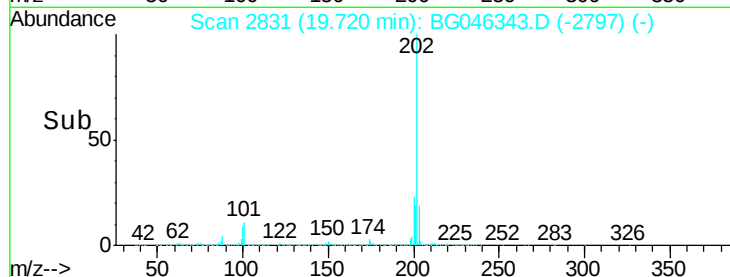
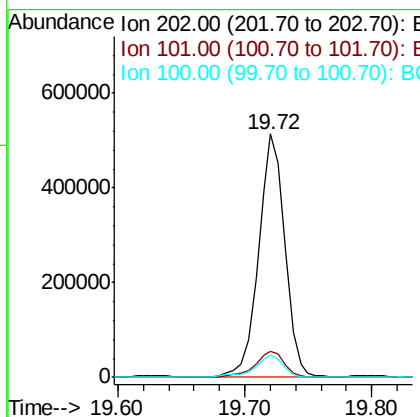
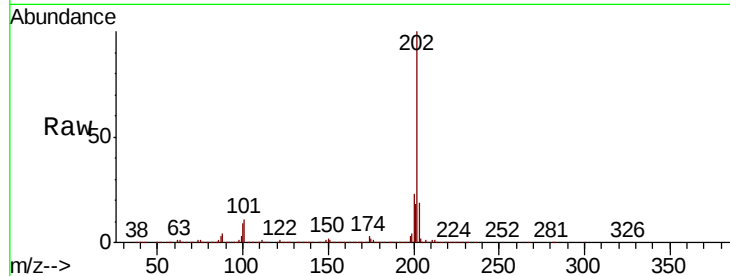
#20
Pvrene
Concen: 20.019 ng/ul
RT: 19.72 min Scan# 2831
Delta R.T. -0.00 min
Lab File: BG046343.D
Acq: 19 Aug 2020 12:04

Instrument :
BNA_G
ClientSampleId :
BFME3

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.8	8.9	13.3
100	9.1	7.9	11.9

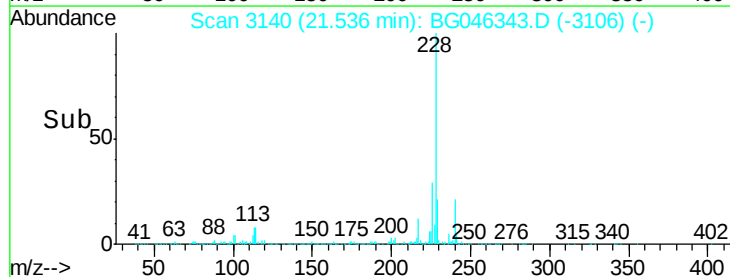
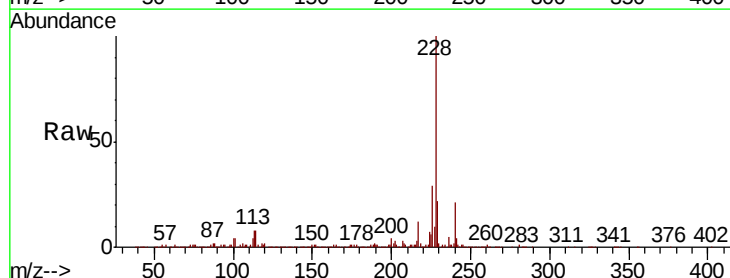
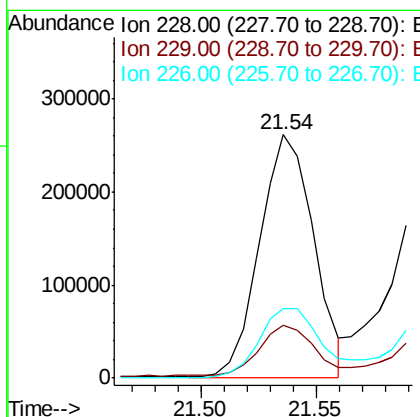
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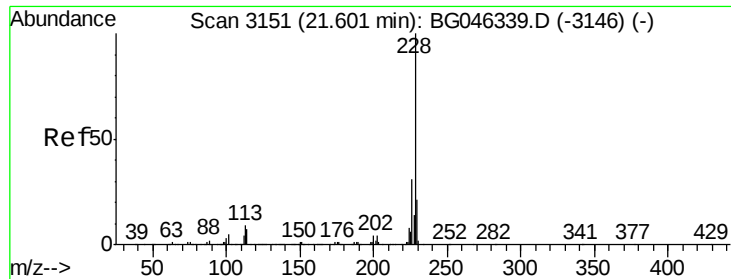
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#21
Benzo(a)anthracene
Concen: 11.612 ng/ul
RT: 21.54 min Scan# 3140
Delta R.T. -0.00 min
Lab File: BG046343.D
Acq: 19 Aug 2020 12:04

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	21.6	16.6	25.0
226	28.7	22.6	33.8





#22

Chrysene

Concen: 12.992 ng/ul

RT: 21.60 min Scan# 3151

Delta R.T. -0.00 min

Lab File: BG046343.D

Acq: 19 Aug 2020 12:04

Instrument :

BNA_G

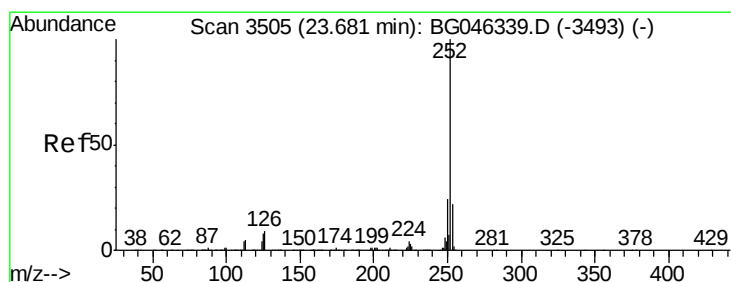
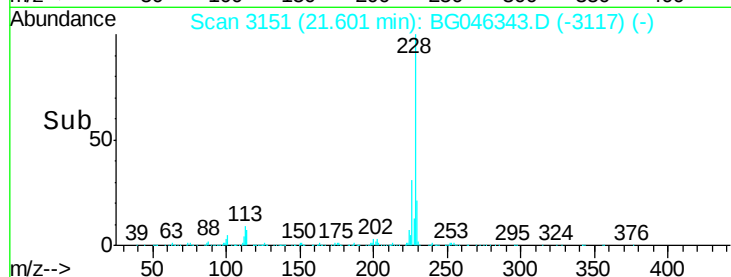
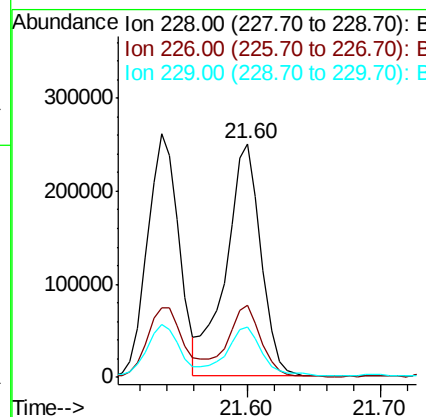
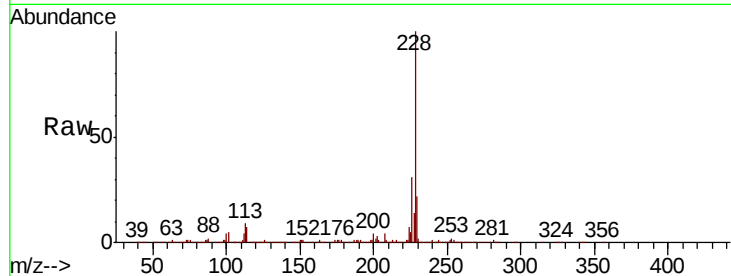
ClientSampleId :

BFME3

Tot Ion:	228	Resp:	459197
Ion Ratio	Lower	Upper	
228	100		
226	31.0	25.5	38.3
229	21.7	17.0	25.4

Manual Integrations
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#24

Benzo(b)fluoranthene

Concen: 15.596 ng/ul

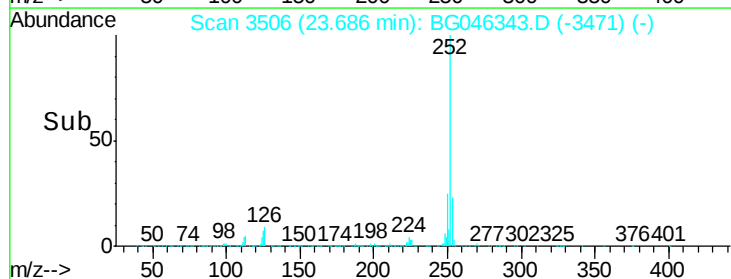
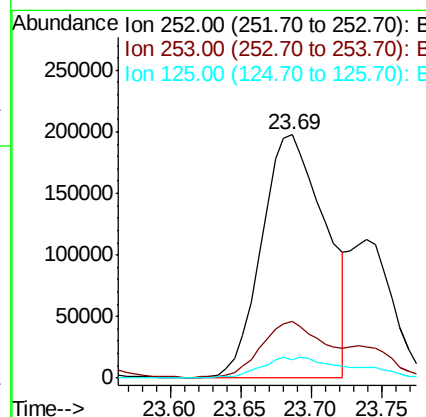
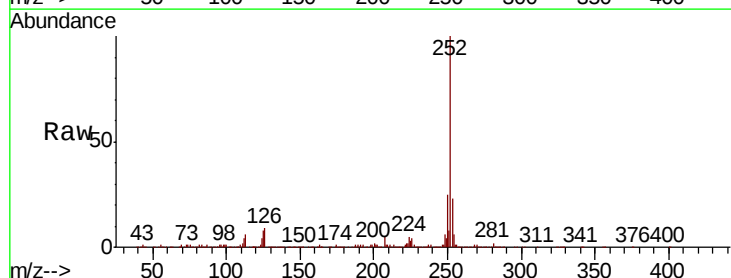
RT: 23.69 min Scan# 3506

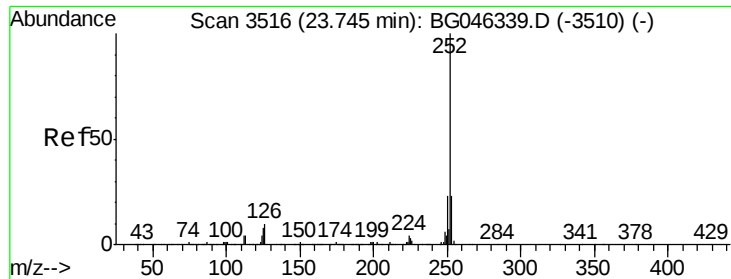
Delta R.T. 0.01 min

Lab File: BG046343.D

Acq: 19 Aug 2020 12:04

Tgt Ion:	252	Resp:	617141
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.8	26.6
125	7.7	6.4	9.6





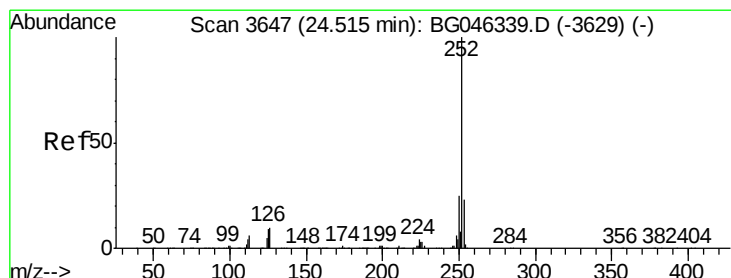
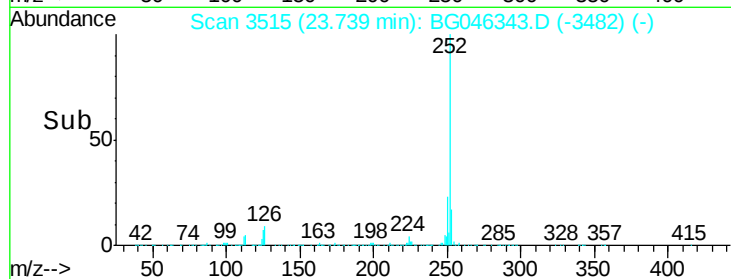
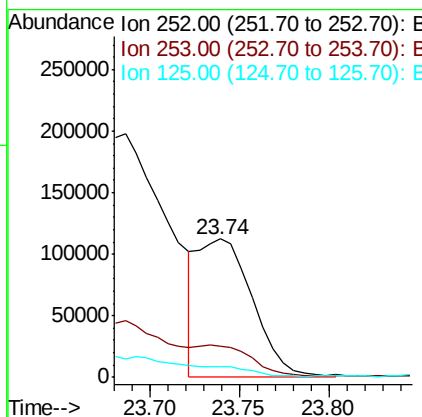
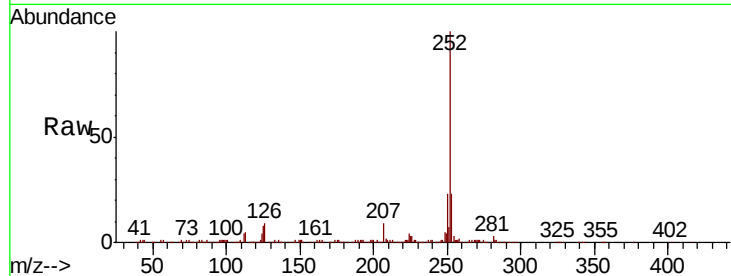
#25
Benzo(k)fluoranthene
Concen: 6.095 ng/ul m
RT: 23.74 min Scan# 3515
Delta R.T. -0.01 min
Lab File: BG046343.D
Acq: 19 Aug 2020 12:04

Instrument :
BNA_G
ClientSampled :
BFME3

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.5	27.7
125	7.5	6.2	9.2

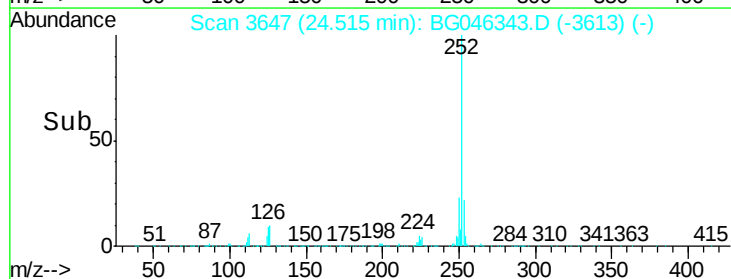
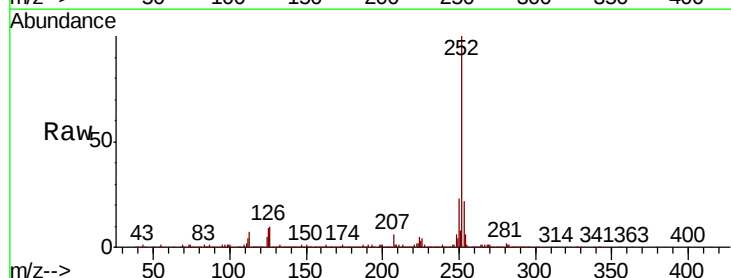
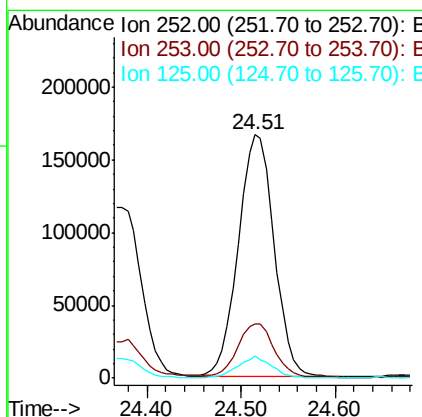
Manual Integrations
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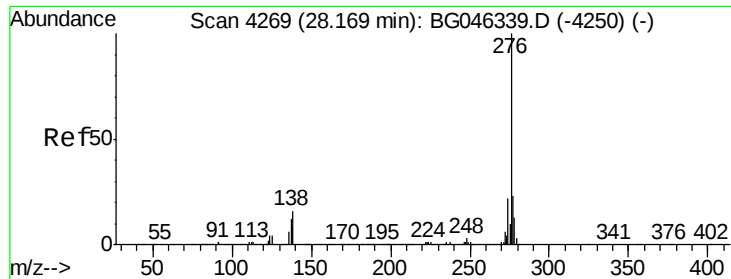
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#27
Benzo(a)pyrene
Concen: 12.084 ng/ul
RT: 24.51 min Scan# 3647
Delta R.T. -0.00 min
Lab File: BG046343.D
Acq: 19 Aug 2020 12:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	9.3	7.1	10.7





#28

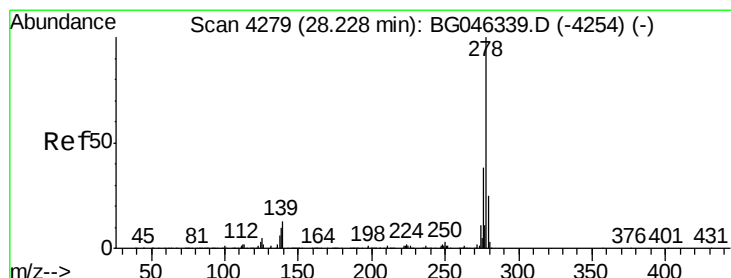
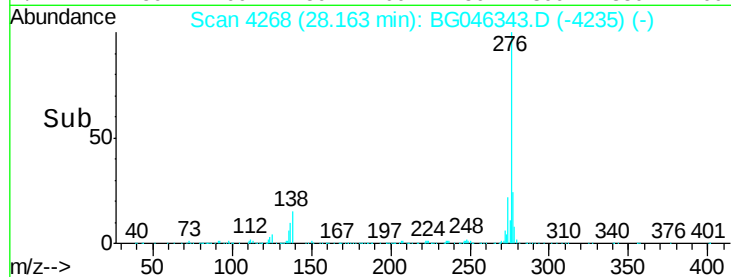
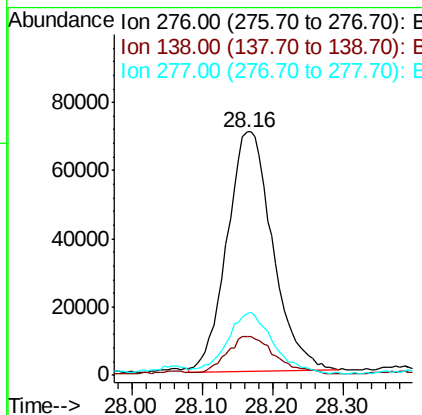
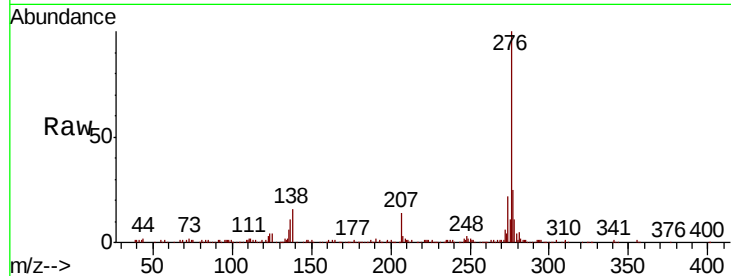
Indeno(1,2,3-cd)pyrene
Concen: 6.946 ng/ul
RT: 28.16 min Scan# 4268
Delta R.T. -0.01 min
Lab File: BG046343.D
Acq: 19 Aug 2020 12:04

Instrument :
BNA_G
ClientSampleId :
BFME3

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.9	13.2	19.8
277	25.4	19.9	29.9

Manual Integrations
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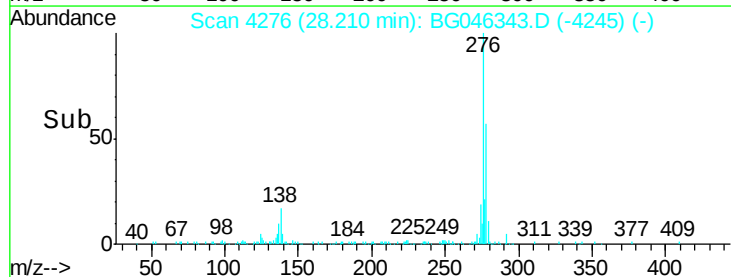
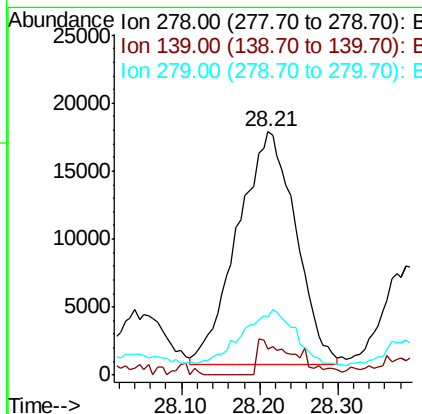
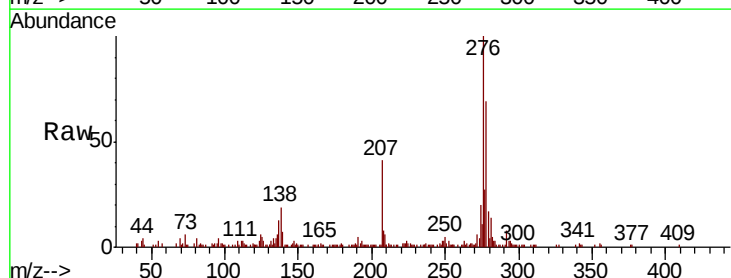
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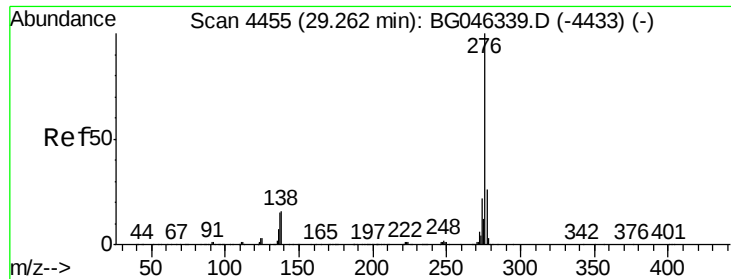


#29

Dibenzo(a,h)anthracene
Concen: 2.383 ng/ul m
RT: 28.21 min Scan# 4276
Delta R.T. -0.02 min
Lab File: BG046343.D
Acq: 19 Aug 2020 12:04

Tgt Ion	Ratio	Lower	Upper
278	100		
139	10.5	9.8	14.8
279	23.8	19.7	29.5





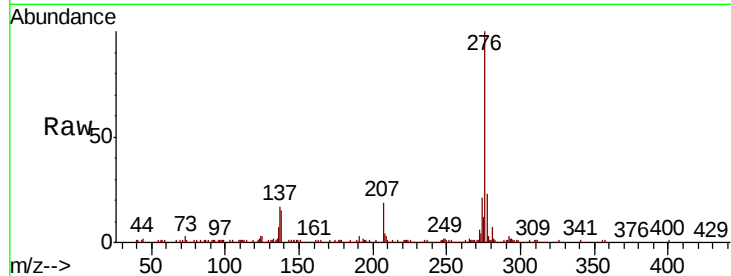
#30
 Benzo(a,h,i)perylene
 Concen: 6.548 ng/ul
 RT: 29.26 min Scan# 4454
 Delta R.T. -0.01 min
 Lab File: BG046343.D
 Acq: 19 Aug 2020 12:04

Instrument :
 BNA_G
 ClientSampleId :
 BFME3

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.4	12.9	19.3
277	22.9	19.4	29.0

Manual Integrations
 APPROVED

mohammad
 8/20/2020 12:22:53 PM



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

