

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
 Data File : BM027058.D
 Acq On : 13 Aug 2020 12:46
 Operator : JU/CG
 Sample : L3630-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFM76

Manual Integrations
 APPROVED

Sohil
 8/14/2020 2:54:06 PM

Quant Time: Aug 13 14:10:58 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 13 11:47:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	106705	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	390073	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	239408	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	504198	20.00	ng/ul	0.00
78) Chrysene-d12	21.21	240	528927	20.00	ng/ul	0.00
86) Perylene-d12	23.41	264	537492	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	6733	2.87	ng/uL	0.00
5) Phenol-d5	6.82	99	145471	17.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	105754	18.61	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	115271	17.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	114792	17.75	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	54360	17.58	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	55506	17.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.04	165	123601	18.35	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	131148	16.75	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	405303	21.23	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	446318	19.62	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	47271	14.67	ng/ul	0.00
58) Fluorene-d10	15.27	176	326805	19.64	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	41299	15.00	ng/ul	0.00
71) Anthracene-d10	17.12	188	488389	19.66	ng/ul	0.00
79) Pyrene-d10	19.42	212	542689	20.57	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	600159	20.00	ng/ul	0.00

Target Compounds

					Ovalue
45) Dimethylphthalate	13.73	163	116416	5.819	ng/ul 99
48) Acenaphthylene	13.99	152	36496	1.578	ng/ul 98
70) Phenanthrene	17.06	178	384136	12.708	ng/ul 99
72) Anthracene	17.15	178	93603	3.043	ng/ul 98
75) Carbazole	17.42	167	37130	1.430	ng/ul 97
77) Fluoranthene	19.08	202	742124	20.247	ng/ul 99
80) Pyrene	19.44	202	664361	18.505	ng/ul 100
83) Benzo(a)anthracene	21.20	228	504214	14.160	ng/ul 96
85) Chrysene	21.25	228	436711	12.495	ng/ul 96
88) Benzo(b)fluoranthene	22.76	252	704514	18.876	ng/ul 98
89) Benzo(k)fluoranthene	22.79	252	241527m	6.529	ng/ul
91) Benzo(a)pyrene	23.31	252	500989	14.749	ng/ul 95
92) Indeno(1,2,3-cd)pyrene	25.60	276	363787	8.312	ng/ul 98
93) Dibenzo(a,h)anthracene	25.61	278	115412	3.113	ng/ul 94
94) Benzo(g,h,i)perylene	26.27	276	298208	8.249	ng/ul 99

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

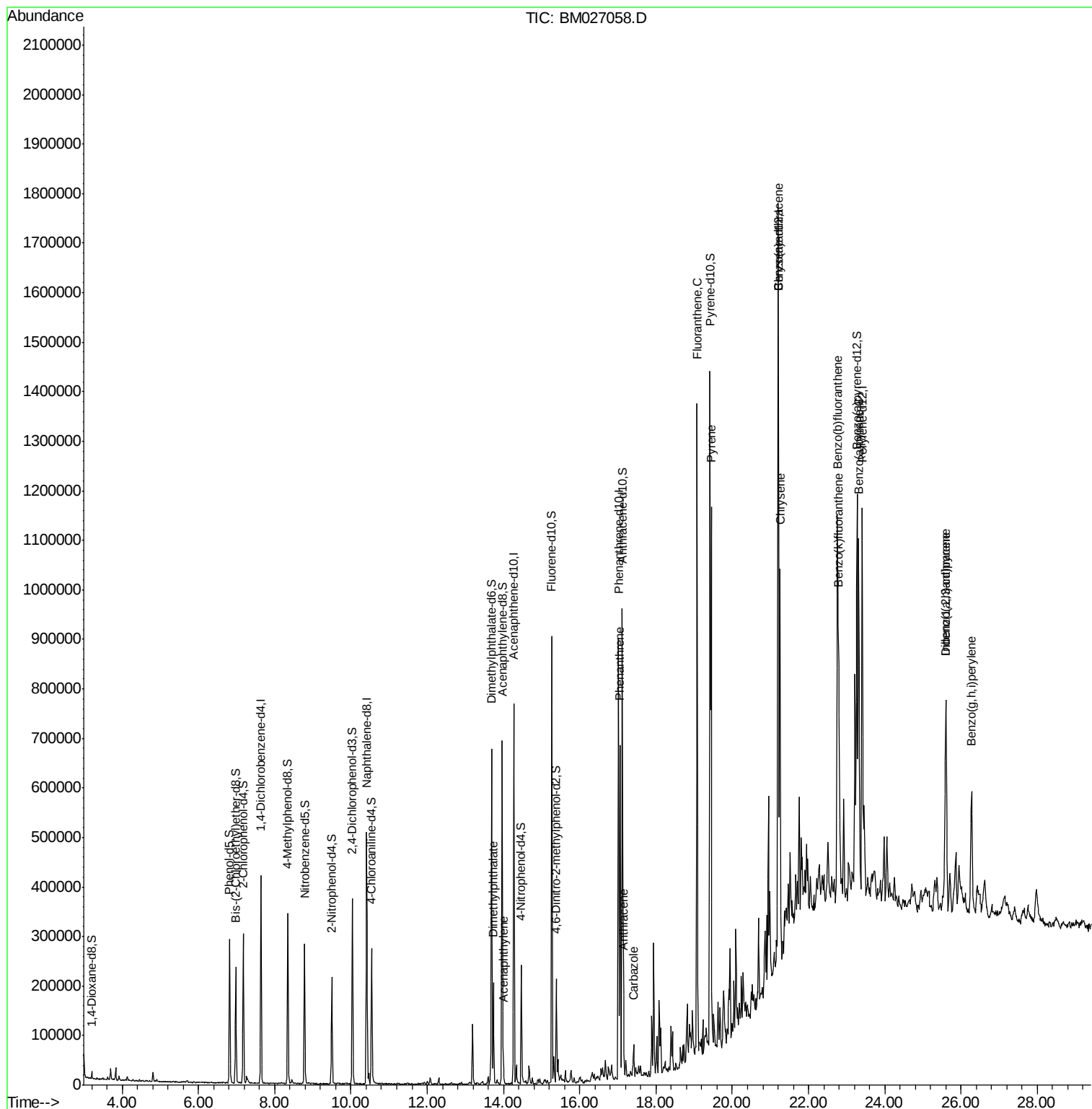
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027058.D
Acq On : 13 Aug 2020 12:46
Operator : JU/CG
Sample : L3630-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

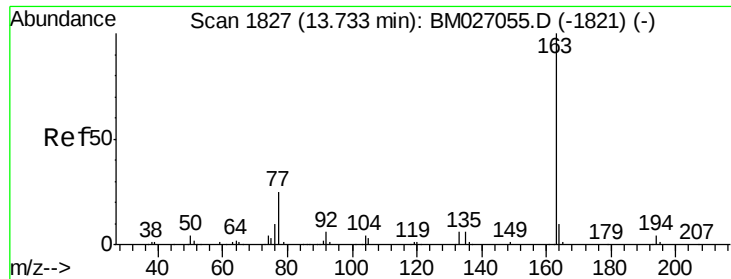
Instrument :
BNA_M
ClientSampled :
BFM76

Quant Time: Aug 13 14:10:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 13 11:47:07 2020
Response via : Initial Calibration

Manual Integrations
APPROVED

Sohil
8/14/2020 2:54:06 PM





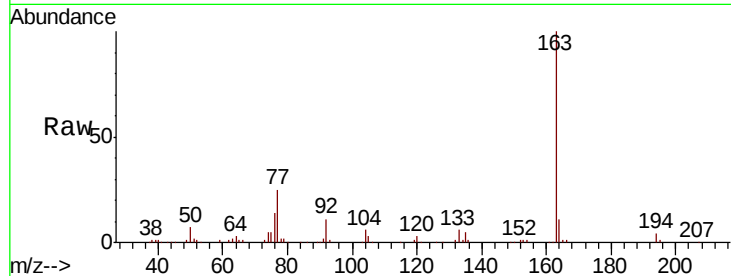
#45
Dimethylphthalate
Concen: 5.819 ng/ul
RT: 13.73 min Scan# 1827
Delta R.T. -0.00 min
Lab File: BM027058.D
Acq: 13 Aug 2020 12:46

Instrument :
BNA_M
ClientSampled :
BFM76

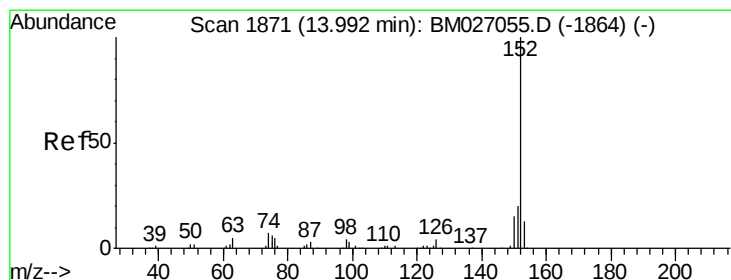
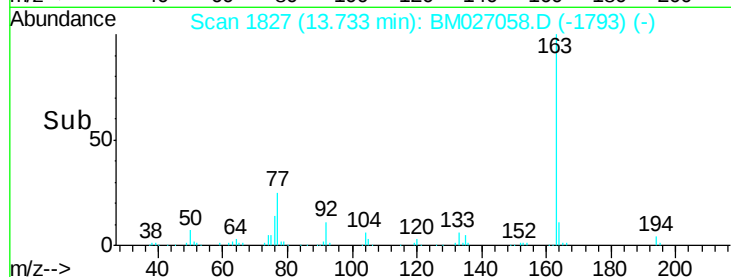
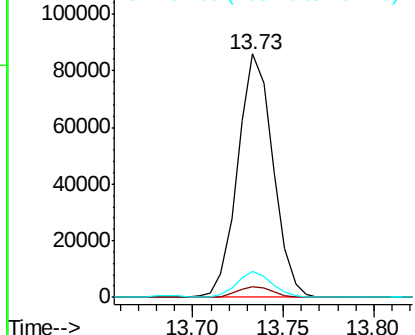
Tot Ion:	163	Resp:	116416
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.2	4.8
164	10.7	8.2	12.2

Manual Integrations
APPROVED

Sohil
8/14/2020 2:54:06 PM

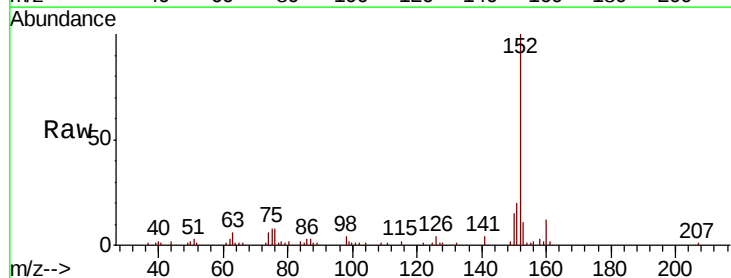


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

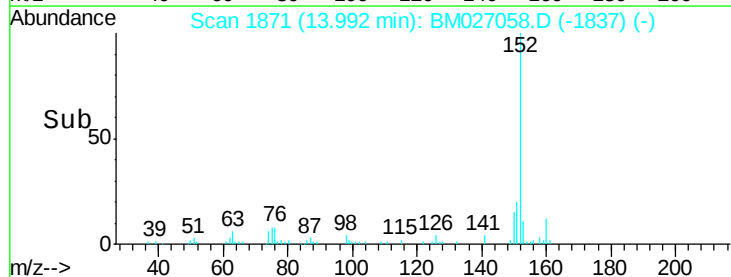
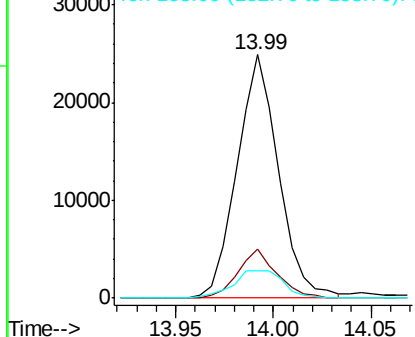


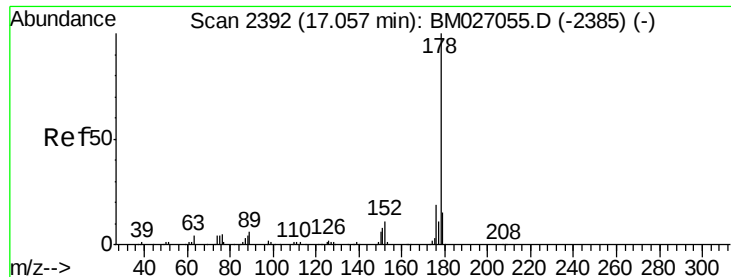
#48
Acenaphthylene
Concen: 1.578 ng/ul
RT: 13.99 min Scan# 1871
Delta R.T. -0.00 min
Lab File: BM027058.D
Acq: 13 Aug 2020 12:46

Tgt Ion:	152	Resp:	36496
Ion Ratio	Lower	Upper	
152	100		
151	20.2	15.9	23.9
153	11.1	9.8	14.8



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





#70

Phenanthrene

Concen: 12.708 ng/ul

RT: 17.06 min Scan# 2392

Delta R.T. -0.00 min

Lab File: BM027058.D

Acq: 13 Aug 2020 12:46

Instrument :

BNA_M

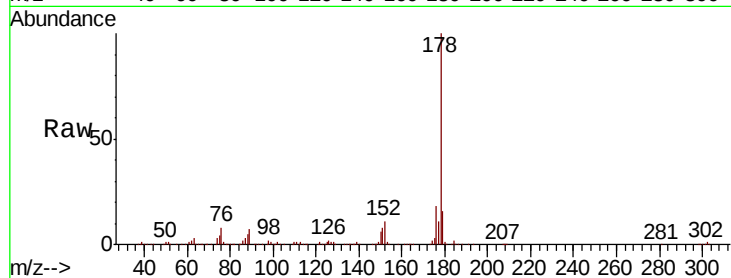
ClientSampleId :

BFM76

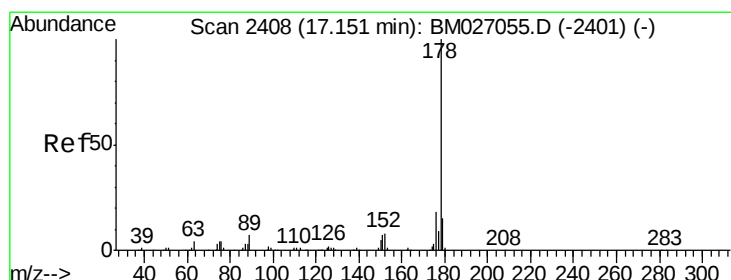
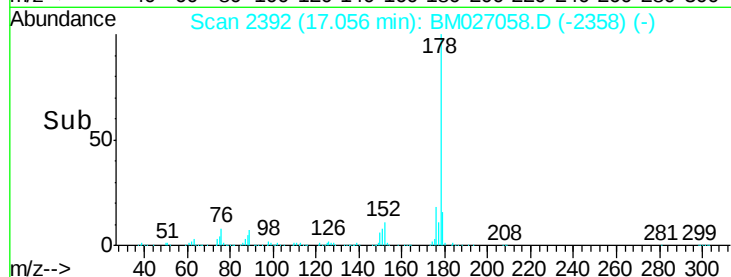
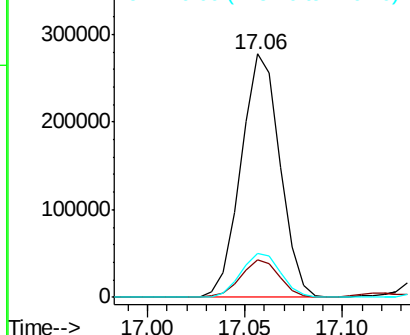
Tot Ion:178	Resp:	384136
Ion Ratio	Lower	Upper
178	100	
179	15.7	11.9 17.9
176	18.1	14.6 22.0

Manual Integrations
APPROVED

Sohil
8/14/2020 2:54:06 PM



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



#72

Anthracene

Concen: 3.043 ng/ul

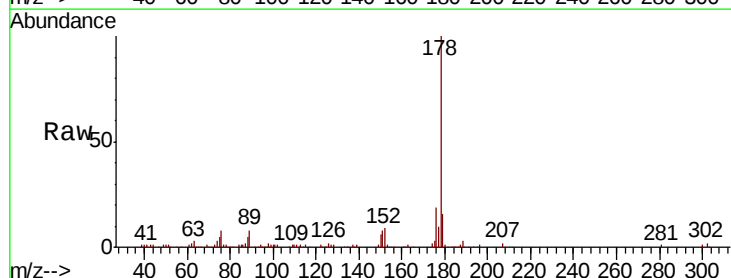
RT: 17.15 min Scan# 2408

Delta R.T. -0.00 min

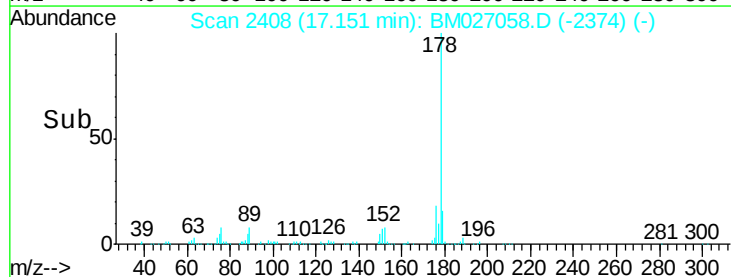
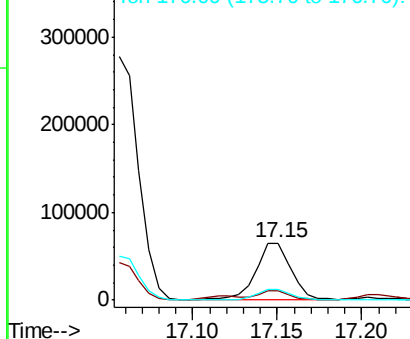
Lab File: BM027058.D

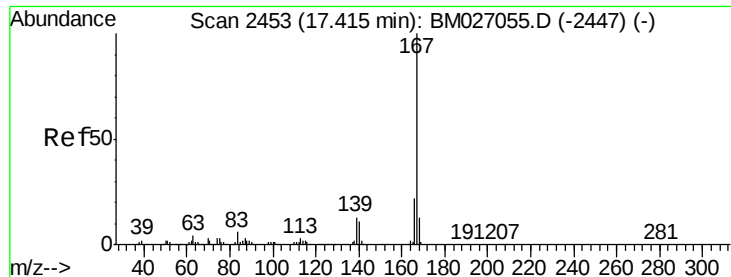
Acq: 13 Aug 2020 12:46

Tgt Ion:178	Resp:	93603
Ion Ratio	Lower	Upper
178	100	
179	16.2	12.0 18.0
176	18.5	14.3 21.5



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





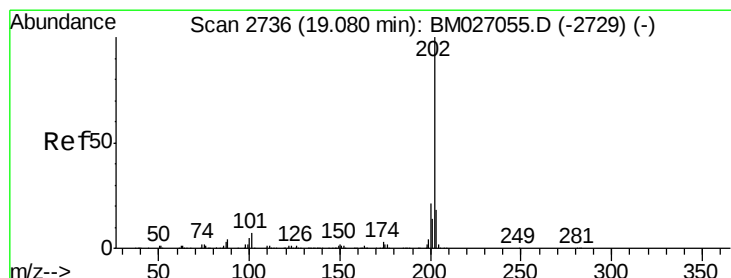
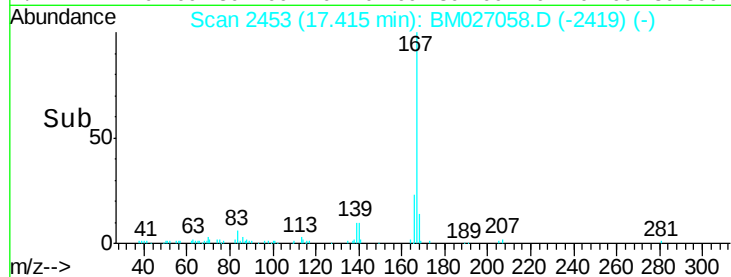
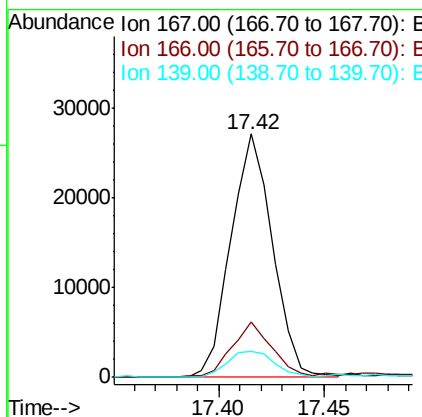
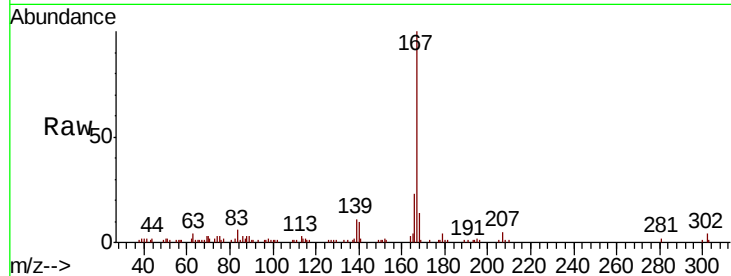
#75
 Carbazole
 Concen: 1.430 ng/ul
 RT: 17.42 min Scan# 2453
 Delta R.T. -0.00 min
 Lab File: BM027058.D
 Acq: 13 Aug 2020 12:46

Instrument :
 BNA_M
 ClientSampleId :
 BFM76

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.0	25.6
139	10.8	9.8	14.6

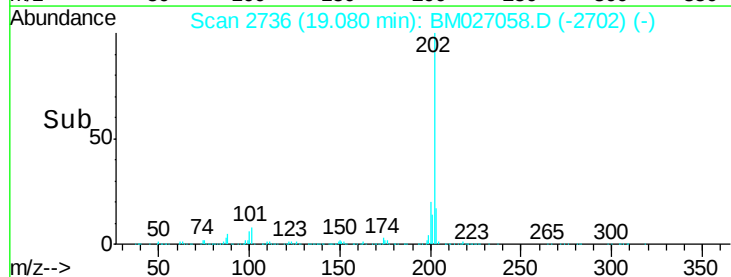
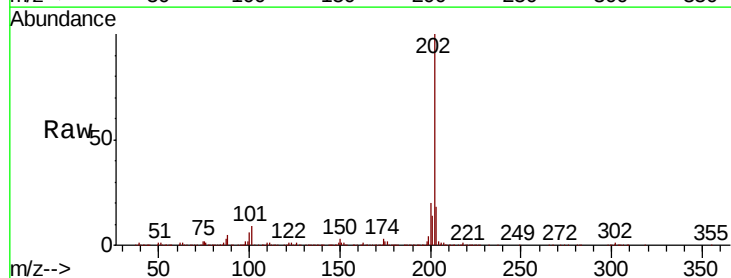
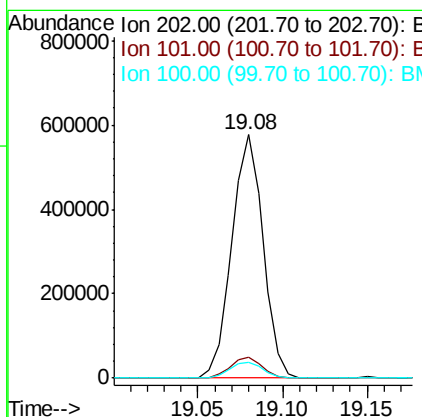
Manual Integrations
 APPROVED

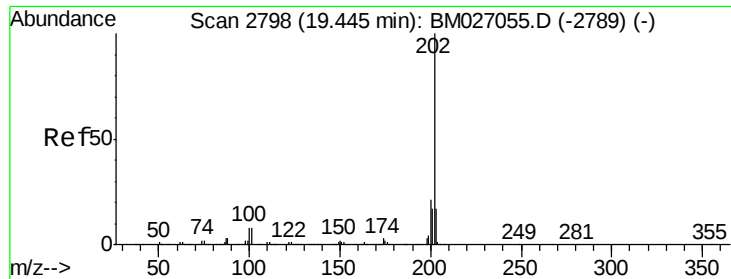
Sohil
 8/14/2020 2:54:06 PM



#77
 Fluoranthene
 Concen: 20.247 ng/ul
 RT: 19.08 min Scan# 2736
 Delta R.T. -0.00 min
 Lab File: BM027058.D
 Acq: 13 Aug 2020 12:46

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.6	6.7	10.1
100	6.4	5.4	8.2





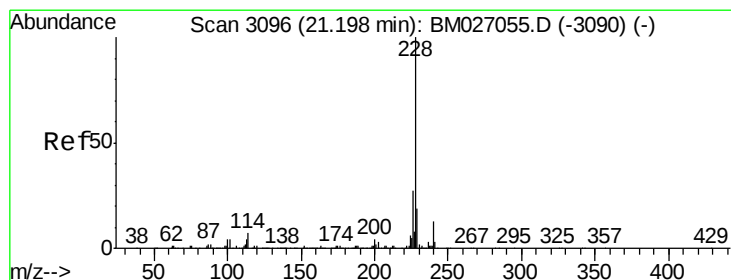
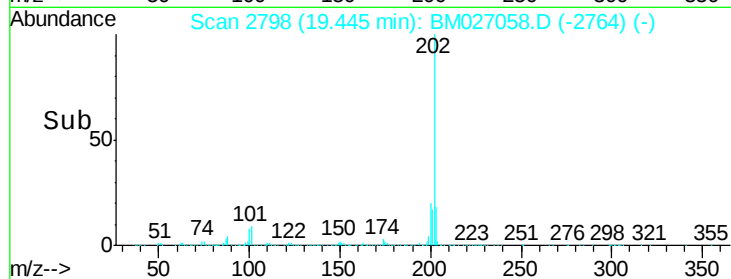
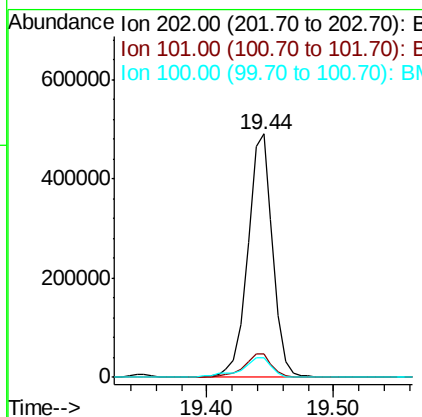
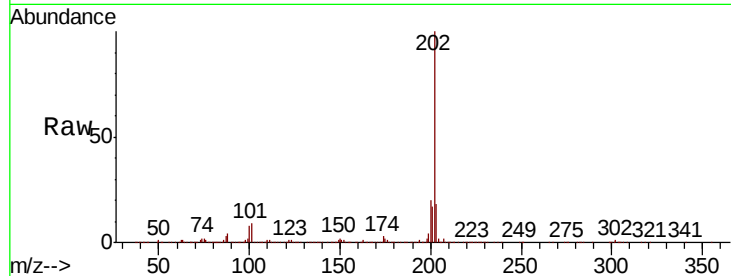
#80
Pvrene
Concen: 18.505 ng/ul
RT: 19.44 min Scan# 2798
Delta R.T. -0.00 min
Lab File: BM027058.D
Acq: 13 Aug 2020 12:46

Instrument :
BNA_M
ClientSampleId :
BFM76

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		664361		
101	9.5	7.6	11.4		
100	8.0	6.3	9.5		

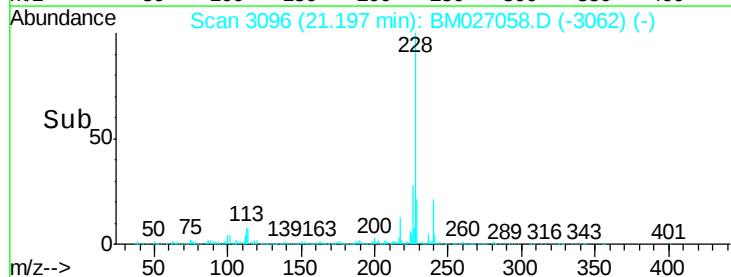
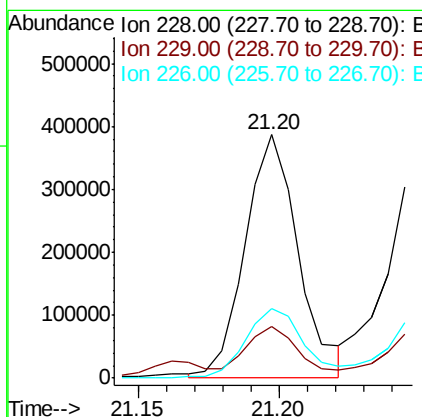
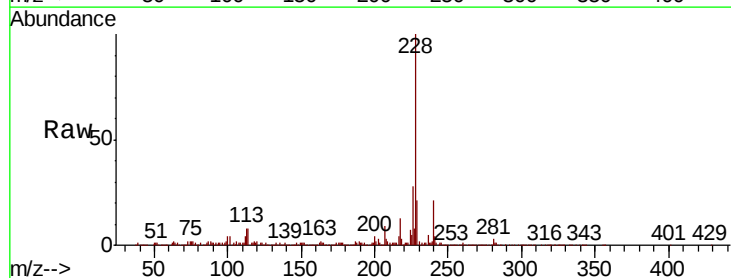
Manual Integrations
APPROVED

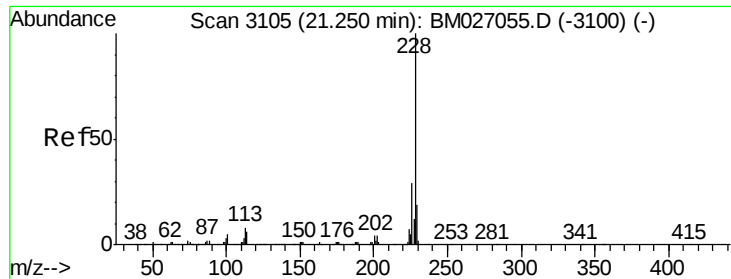
Sohil
8/14/2020 2:54:06 PM



#83
Benzo(a)anthracene
Concen: 14.160 ng/ul
RT: 21.20 min Scan# 3096
Delta R.T. -0.00 min
Lab File: BM027058.D
Acq: 13 Aug 2020 12:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
228	100		504214		
229	21.2	15.8	23.6		
226	28.4	21.2	31.8		





#85

Chrysene

Concen: 12.495 ng/ul

RT: 21.25 min Scan# 3105

Delta R.T. -0.00 min

Lab File: BM027058.D

Acq: 13 Aug 2020 12:46

Instrument :

BNA_M

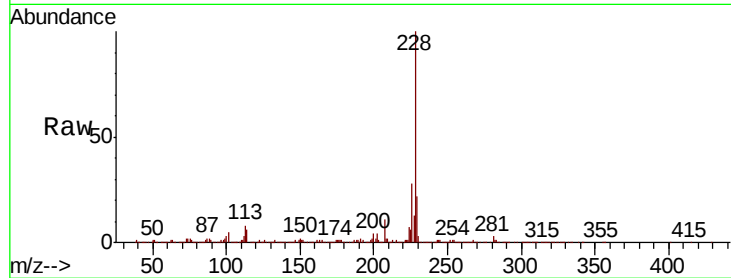
ClientSampled :

BFM76

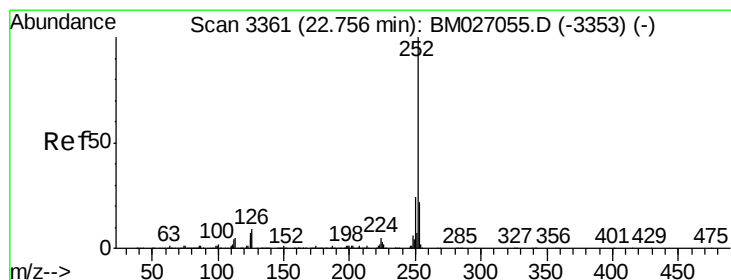
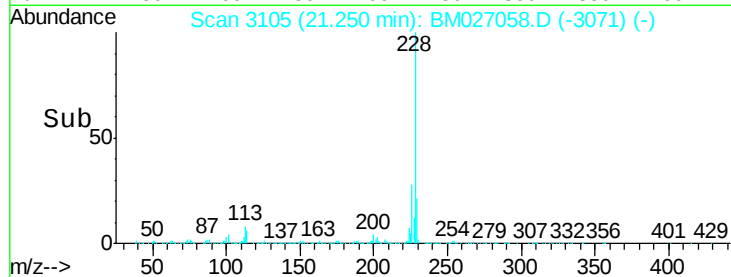
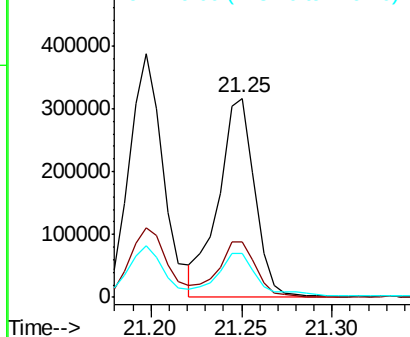
Tot Ion:	228	Resp:	436711
Ion Ratio	Lower	Upper	
228	100		
226	28.1	23.8	35.6
229	21.9	15.8	23.8

Manual Integrations
APPROVED

Sohil
8/14/2020 2:54:06 PM



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



#88

Benzo(b)fluoranthene

Concen: 18.876 ng/ul

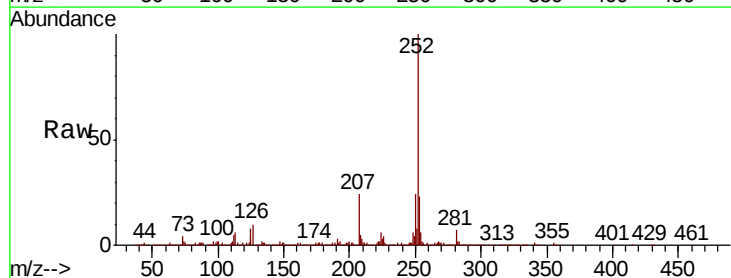
RT: 22.76 min Scan# 3361

Delta R.T. -0.00 min

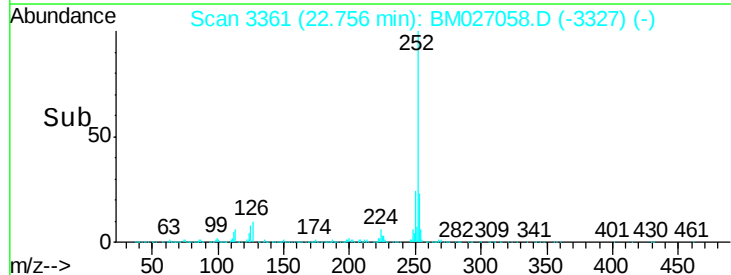
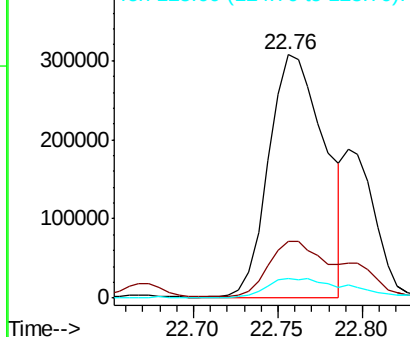
Lab File: BM027058.D

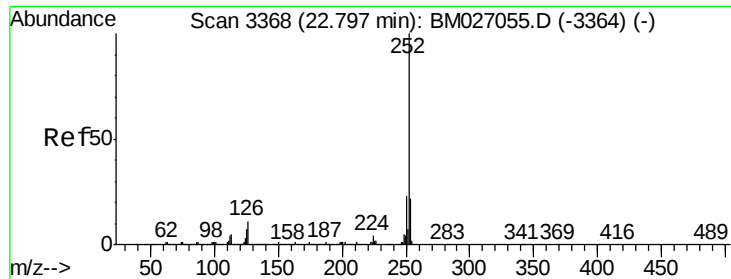
Acq: 13 Aug 2020 12:46

Tgt Ion:	252	Resp:	704514
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.6	26.4
125	8.1	6.0	9.0



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





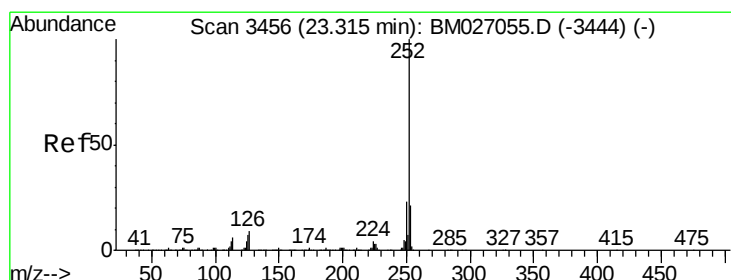
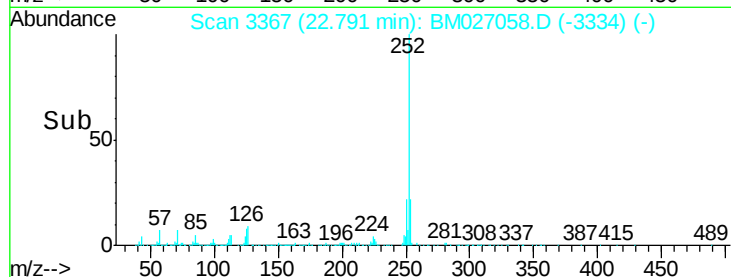
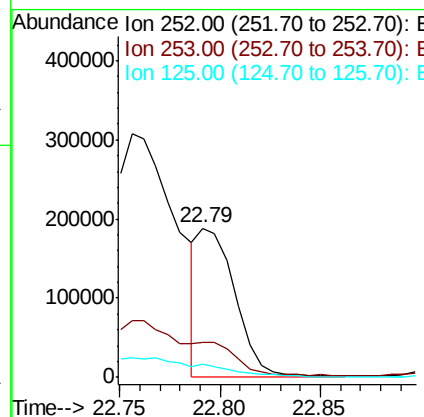
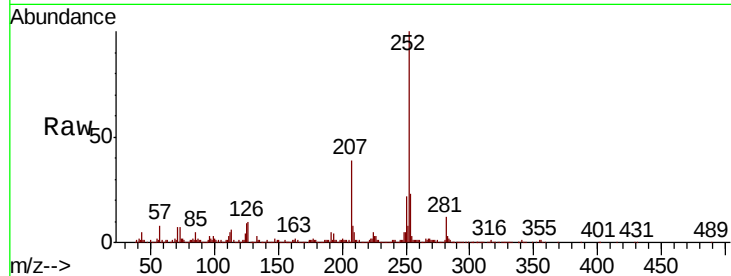
#89
Benzo(k)fluoranthene
Concen: 6.529 ng/ul m
RT: 22.79 min Scan# 3367
Delta R.T. -0.01 min
Lab File: BM027058.D
Acq: 13 Aug 2020 12:46

Instrument :
BNA_M
ClientSampleId :
BFM76

Tot Ion	Ratio	Resp	Lower	Upper
252	100	241527		
253	23.4	17.2	25.8	
125	8.9	5.5	8.3#	

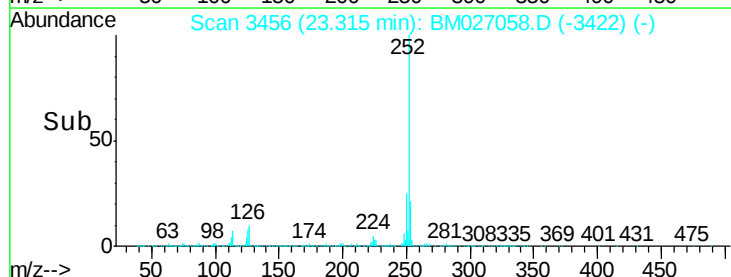
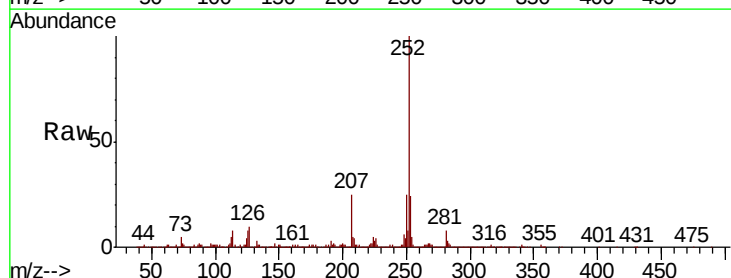
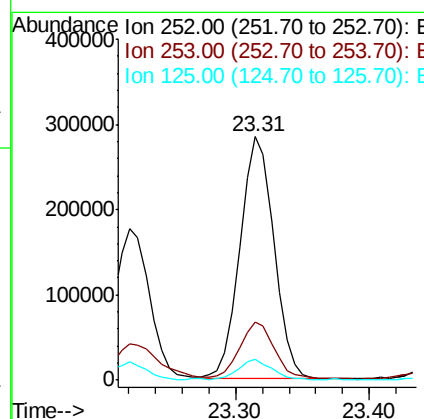
Manual Integrations
APPROVED

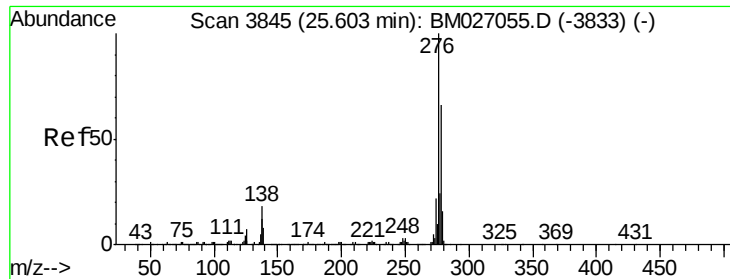
Sohil
8/14/2020 2:54:06 PM



#91
Benzo(a)pyrene
Concen: 14.749 ng/ul
RT: 23.31 min Scan# 3456
Delta R.T. -0.00 min
Lab File: BM027058.D
Acq: 13 Aug 2020 12:46

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	500989		
253	23.8	17.0	25.4	
125	8.4	5.8	8.8	





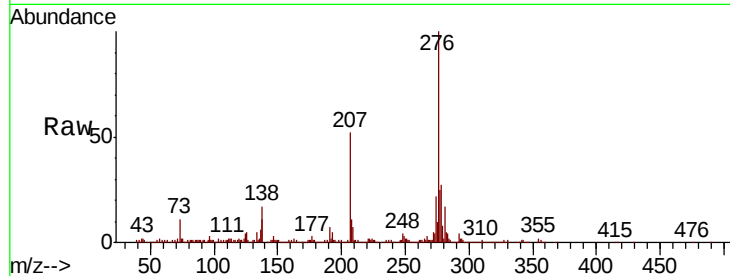
#92
Indeno(1,2,3-cd)pyrene
Concen: 8.312 ng/ul
RT: 25.60 min Scan# 3845
Delta R.T. -0.00 min
Lab File: BM027058.D
Acq: 13 Aug 2020 12:46

Instrument :
BNA_M
ClientSampleId :
BFM76

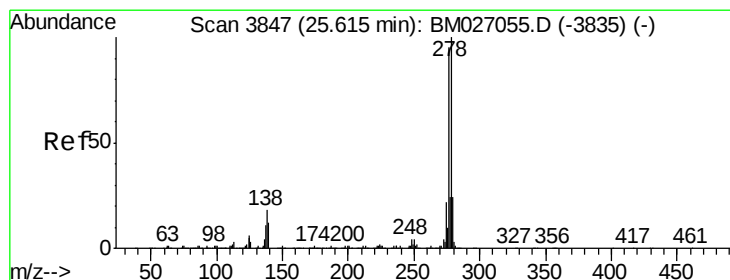
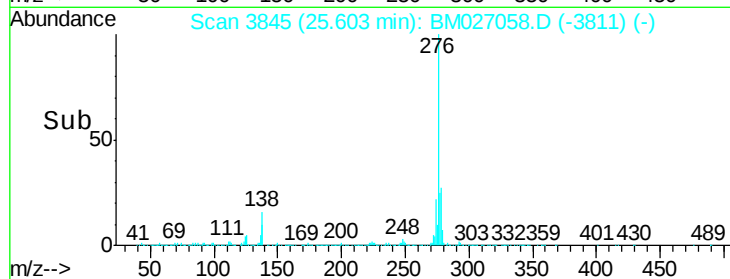
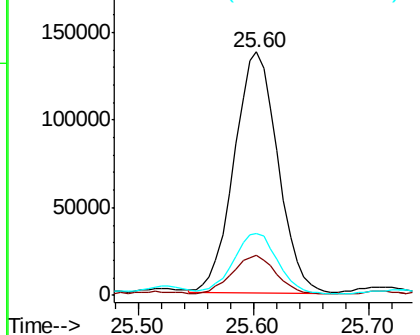
Tot Ion:	276	Resp:	363787
Ion Ratio	Lower	Upper	
276	100		
138	16.6	13.9	20.9
277	25.4	19.8	29.8

Manual Integrations
APPROVED

Sohil
8/14/2020 2:54:06 PM



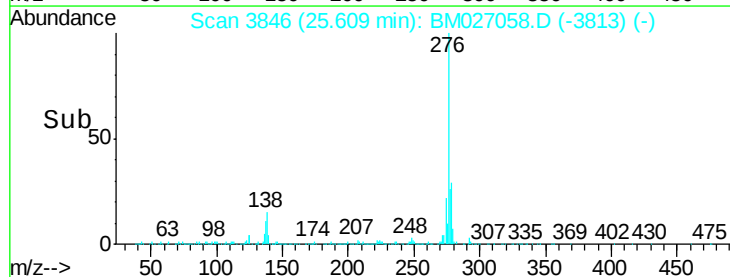
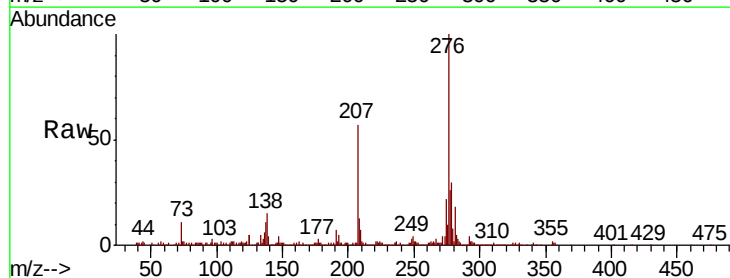
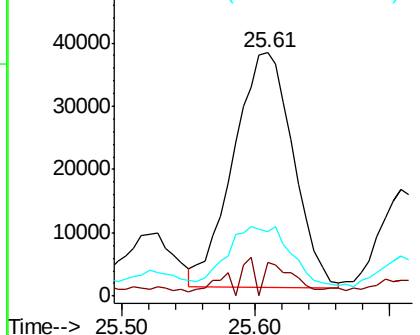
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

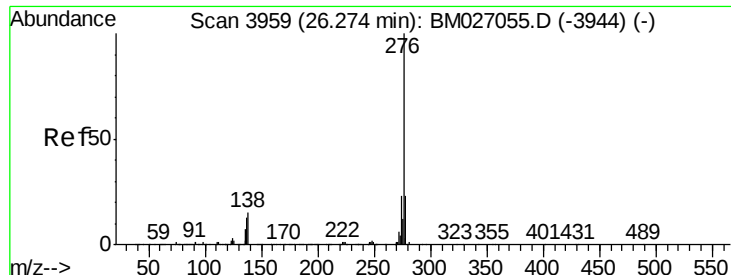


#93
Dibenzo(a,h)anthracene
Concen: 3.113 ng/ul
RT: 25.61 min Scan# 3846
Delta R.T. -0.01 min
Lab File: BM027058.D
Acq: 13 Aug 2020 12:46

Tgt Ion:	278	Resp:	115412
Ion Ratio	Lower	Upper	
278	100		
139	13.9	9.4	14.0
279	26.2	18.7	28.1

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





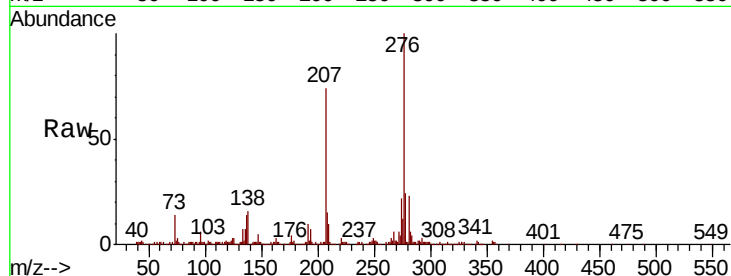
#94
 Benzo(a,h,i)perylene
 Concen: 8.249 ng/ul
 RT: 26.27 min Scan# 3959
 Delta R.T. -0.00 min
 Lab File: BM027058.D
 Acq: 13 Aug 2020 12:46

Instrument :
 BNA_M
 ClientSampleId :
 BFM76

Tot Ion:	276	Resp:	298208
Ion Ratio	Lower	Upper	
276	100		
138	16.0	12.3	18.5
277	23.8	19.0	28.6

Manual Integrations
 APPROVED

Sohil
 8/14/2020 2:54:06 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

