

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
 Data File : BM027106.D
 Acq On : 15 Aug 2020 02:58
 Operator : JU/CG
 Sample : L3631-07
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFMM3

Manual Integrations
 APPROVED

mohammad
 8/19/2020 8:19:15 AM

Quant Time: Aug 20 04:31:53 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	7.63	152	144443	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	528736	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	333630	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	693738	20.00	ng/ul	0.00
78) Chrysene-d12	21.20	240	730436	20.00	ng/ul	-0.01
86) Perylene-d12	23.40	264	741025	20.00	ng/ul	-0.01

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	9240	2.91	ng/uL	0.00
5) Phenol-d5	6.82	99	198416	17.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	148694	19.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	164025	18.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	149708	17.10	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	80168	19.13	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	85617	19.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	168566	18.47	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	194045	18.29	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	542007	20.37	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	617651	19.48	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	55430	12.34	ng/ul	0.00
58) Fluorene-d10	15.27	176	450416	19.42	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	42455	11.20	ng/ul	0.00
71) Anthracene-d10	17.12	188	669361	19.58	ng/ul	0.00
79) Pyrene-d10	19.41	212	747104	20.51	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.26	264	796802	19.26	ng/ul	0.00

Target Compounds				Ovalue		
6) Phenol	6.85	94	24525	2.071	ng/ul#	88
45) Dimethylphthalate	13.73	163	53074	1.904	ng/ul#	98
50) Acenaphthene	14.33	153	33671	1.474	ng/ul	97
54) Dibenzofuran	14.67	168	47011	1.438	ng/ul	97
59) Fluorene	15.32	166	47171	1.724	ng/ul	95
70) Phenanthrene	17.06	178	611865	14.712	ng/ul	99
72) Anthracene	17.15	178	151436	3.578	ng/ul	98
75) Carbazole	17.42	167	51005	1.428	ng/ul	98
77) Fluoranthene	19.07	202	741664	14.706	ng/ul	99
80) Pyrene	19.44	202	603681	12.176	ng/ul	99
83) Benzo(a)anthracene	21.19	228	398691	8.108	ng/ul	97
85) Chrysene	21.24	228	353100m	7.315	ng/ul	
88) Benzo(b)fluoranthene	22.75	252	424986	8.259	ng/ul	99
89) Benzo(k)fluoranthene	22.79	252	157412m	3.087	ng/ul	
91) Benzo(a)pyrene	23.30	252	294453	6.288	ng/ul	95
92) Indeno(1,2,3-cd)pyrene	25.59	276	175969	2.916	ng/ul	99
94) Benzo(g,h,i)perylene	26.26	276	135372	2.716	ng/ul	98

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

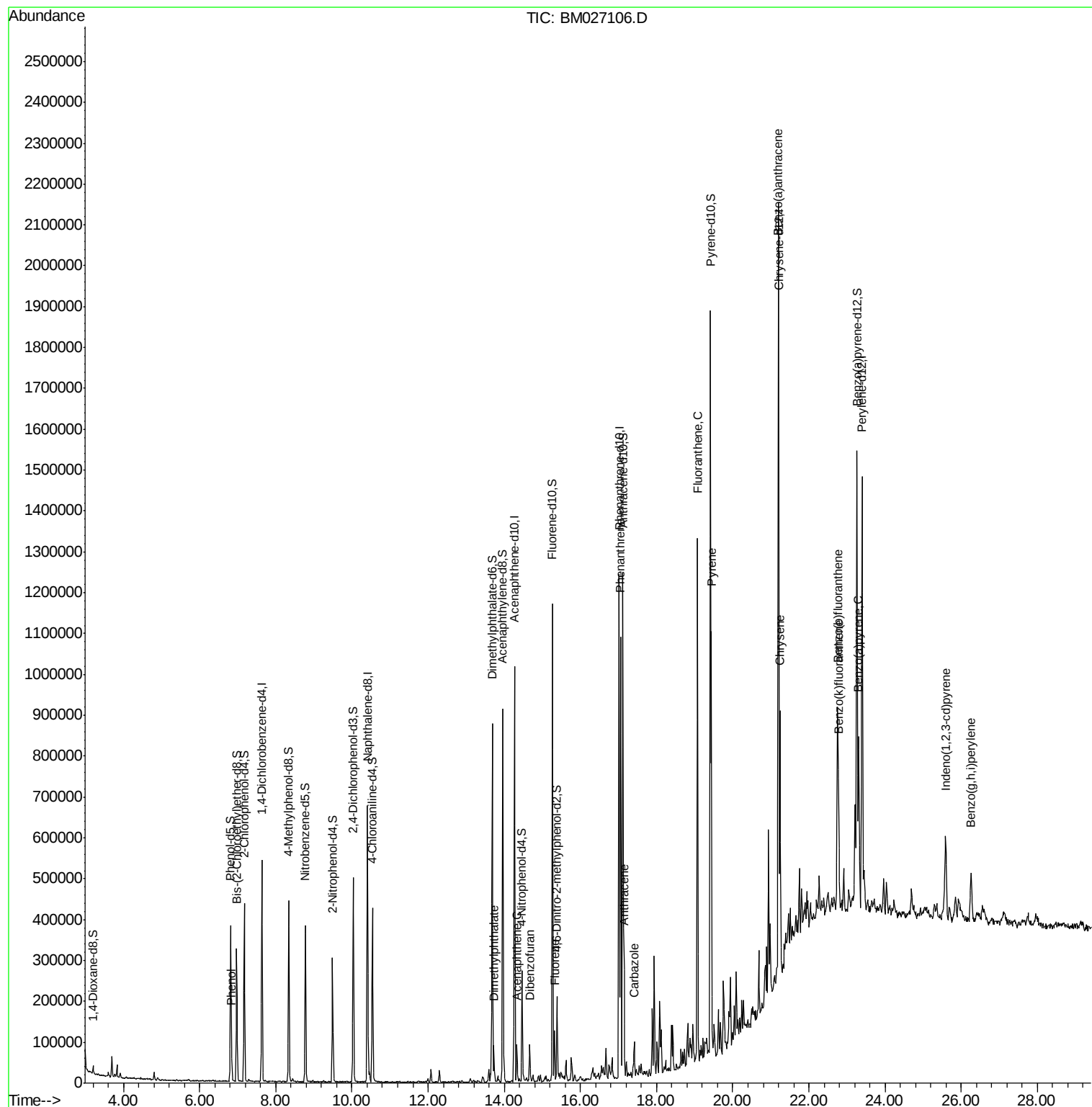
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027106.D
Acq On : 15 Aug 2020 02:58
Operator : JU/CG
Sample : L3631-07
Misc :
ALS Vial : 52 Sample Multiplier: 1

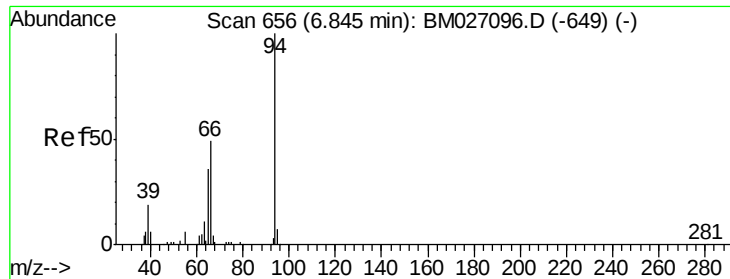
Instrument :
BNA_M
ClientSampleId :
BFMM3

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Quant Time: Aug 20 04:31:53 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





#6

Phenol

Concen: 2.071 ng/ul

RT: 6.85 min Scan# 656

Delta R.T. 0.00 min

Lab File: BM027106.D

Acq: 15 Aug 2020 02:58

Instrument :

BNA_M

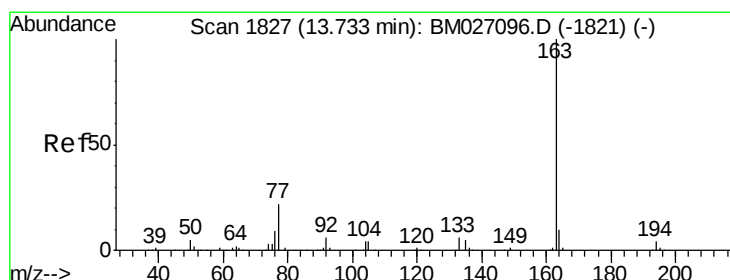
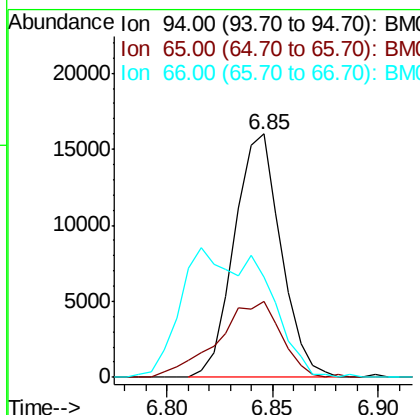
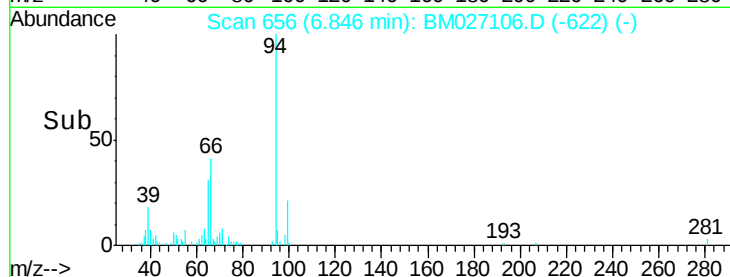
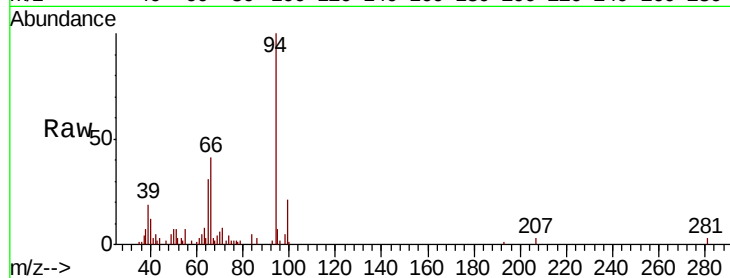
ClientSampleId :

BFMM3

Tot Ion:	94	Resp:	24525
Ion Ratio	Lower	Upper	
94	100		
65	31.0	28.6	43.0
66	40.9	41.3	61.9#

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#45

Dimethylphthalate

Concen: 1.904 ng/ul

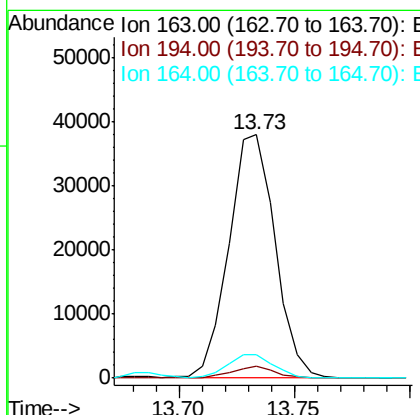
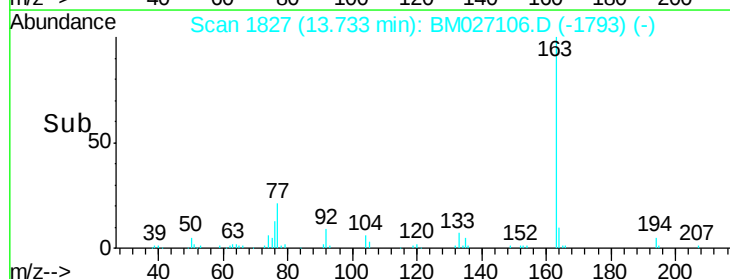
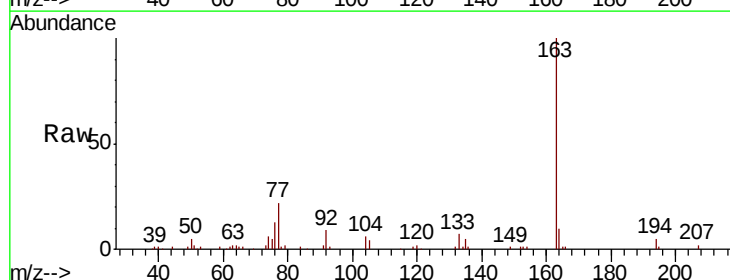
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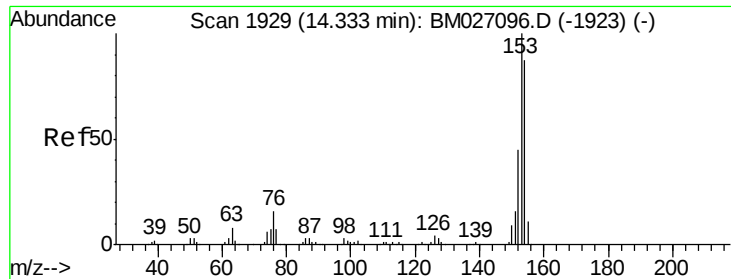
Delta R.T. 0.00 min

Lab File: BM027106.D

Acq: 15 Aug 2020 02:58

Tgt Ion:	163	Resp:	53074
Ion Ratio	Lower	Upper	
163	100		
194	4.9	3.2	4.8#
164	9.7	8.2	12.2





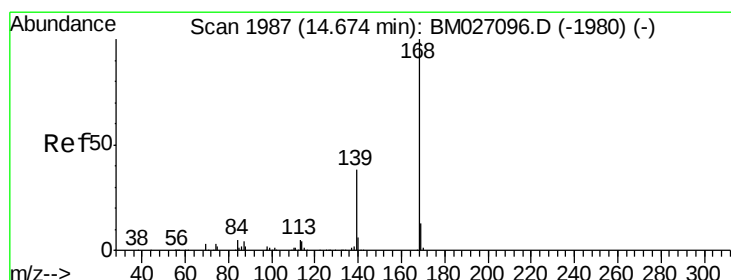
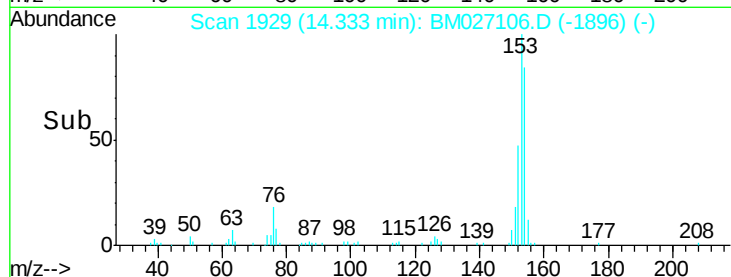
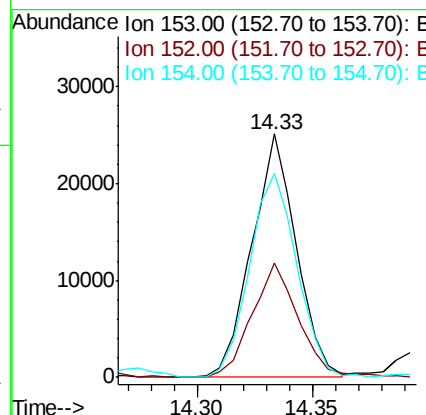
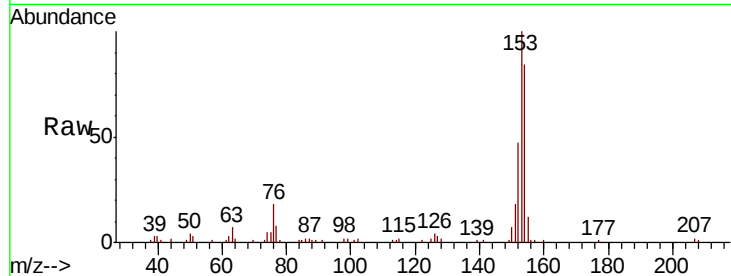
#50
Acenaphthene
Concen: 1.474 ng/ul
RT: 14.33 min Scan# 1929
Delta R.T. -0.01 min
Lab File: BM027106.D
Acq: 15 Aug 2020 02:58

Instrument :
BNA_M
ClientSampleId :
BFMM3

Tot Ion	Ratio	Lower	Upper
153	100		
152	47.0	35.9	53.9
154	83.5	69.4	104.0

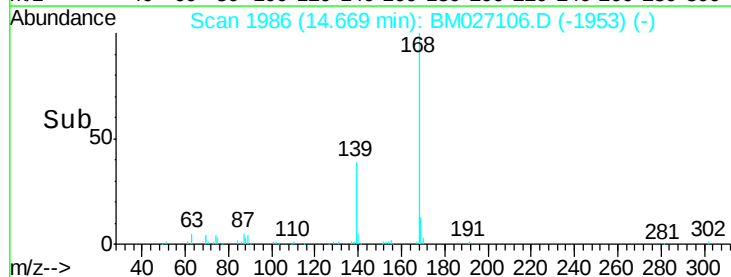
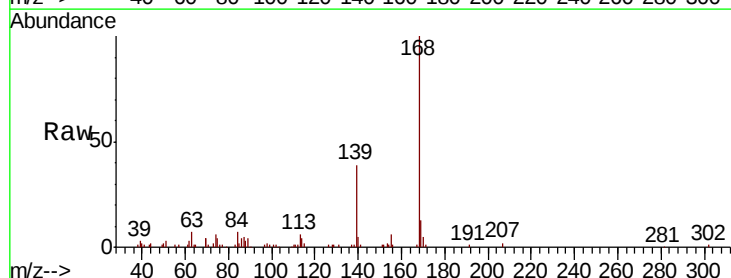
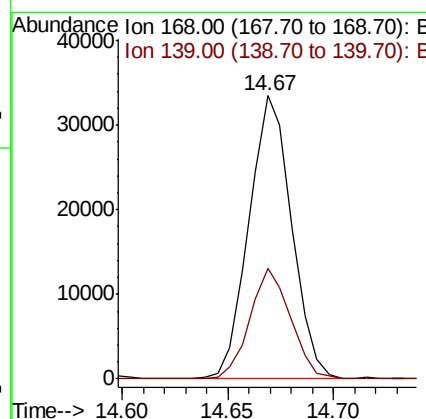
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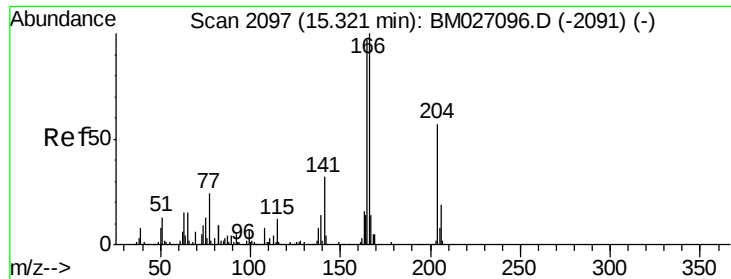
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#54
Dibenzofuran
Concen: 1.438 ng/ul
RT: 14.67 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BM027106.D
Acq: 15 Aug 2020 02:58

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.0	29.9	44.9





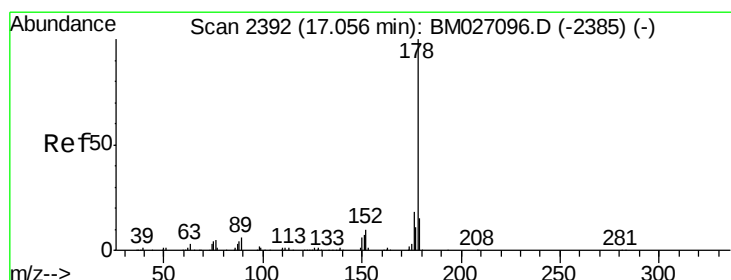
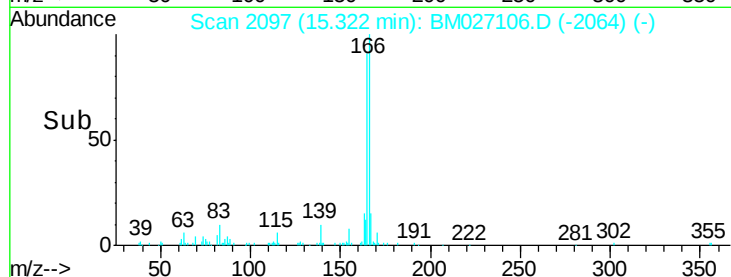
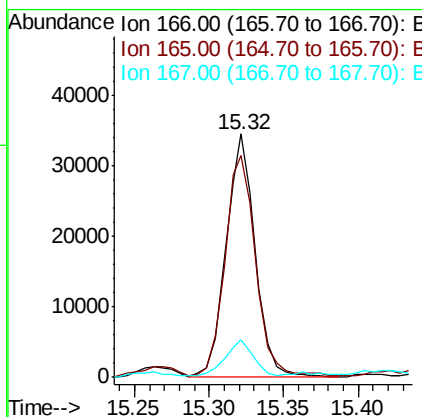
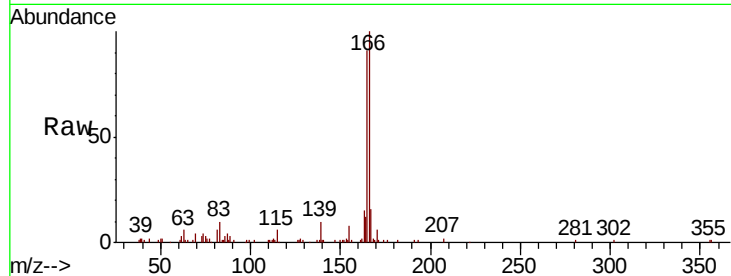
#59
Fluorene
 Concen: 1.724 ng/ul
 RT: 15.32 min Scan# 2097
 Delta R.T. -0.01 min
 Lab File: BM027106.D
 Acq: 15 Aug 2020 02:58

Instrument :
 BNA_M
 ClientSampleId :
 BFMM3

Tot Ion	Ratio	Lower	Upper
166	100		
165	90.9	76.9	115.3
167	15.6	10.5	15.7

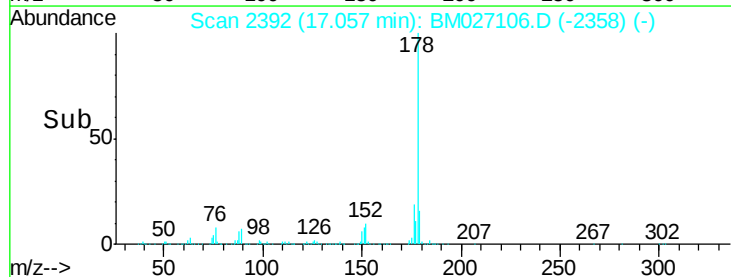
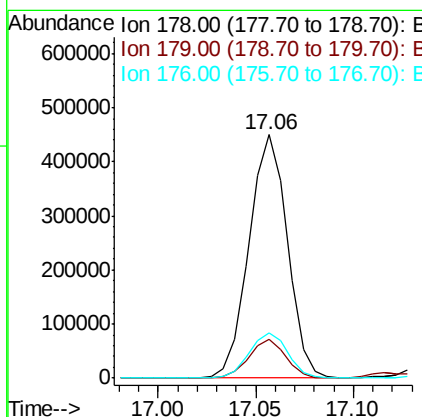
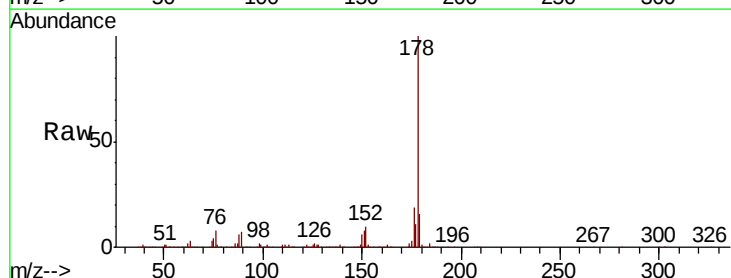
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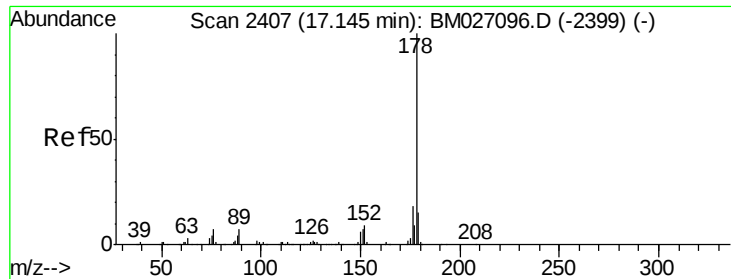
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#70
Phenanthrene
 Concen: 14.712 ng/ul
 RT: 17.06 min Scan# 2392
 Delta R.T. 0.00 min
 Lab File: BM027106.D
 Acq: 15 Aug 2020 02:58

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.8	11.9	17.9
176	18.8	14.6	22.0





#72

Anthracene

Concen: 3.578 ng/ul

RT: 17.15 min Scan# 2407

Delta R.T. -0.01 min

Lab File: BM027106.D

Acq: 15 Aug 2020 02:58

Instrument :

BNA_M

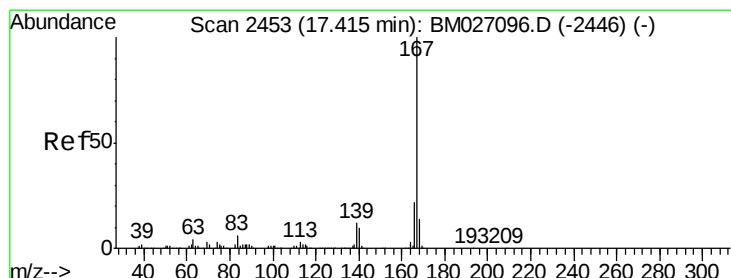
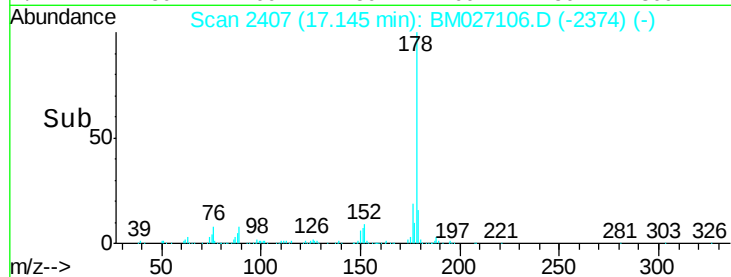
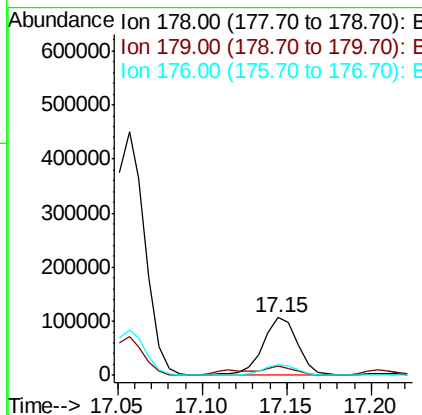
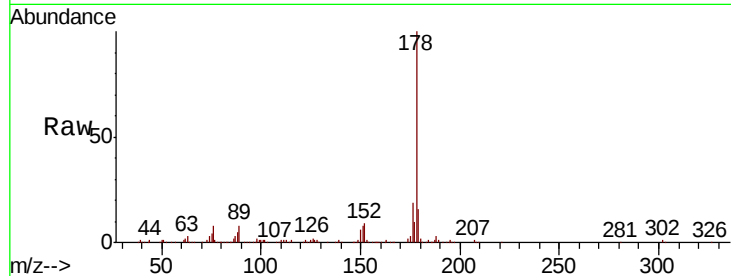
ClientSampled :

BFMM3

Tot Ion:	178	Resp:	151436
Ion Ratio	Lower	Upper	
178	100		
179	15.8	12.0	18.0
176	18.6	14.3	21.5

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#75

Carbazole

Concen: 1.428 ng/ul

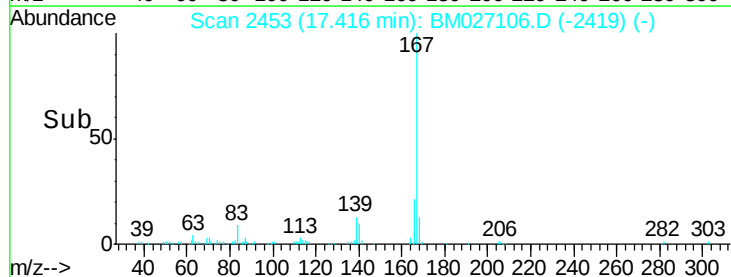
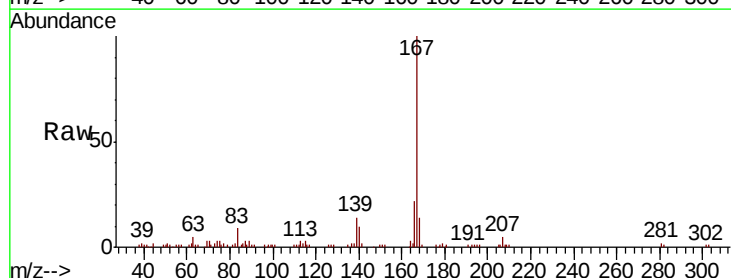
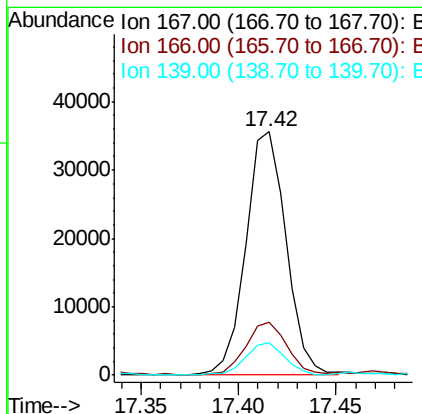
RT: 17.42 min Scan# 2453

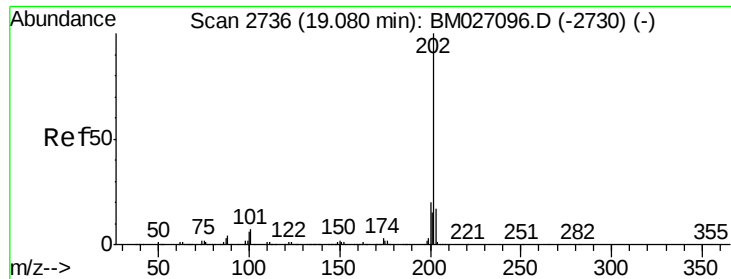
Delta R.T. 0.00 min

Lab File: BM027106.D

Acq: 15 Aug 2020 02:58

Tgt Ion:	167	Resp:	51005
Ion Ratio	Lower	Upper	
167	100		
166	21.8	17.0	25.6
139	13.5	9.8	14.6





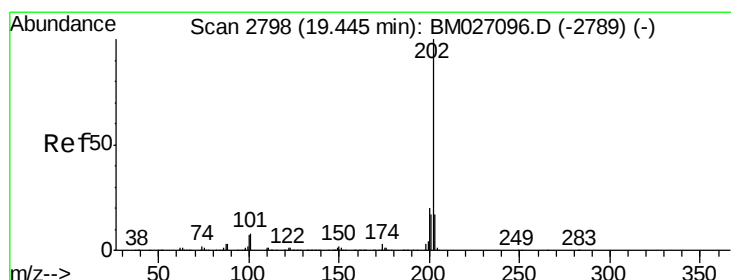
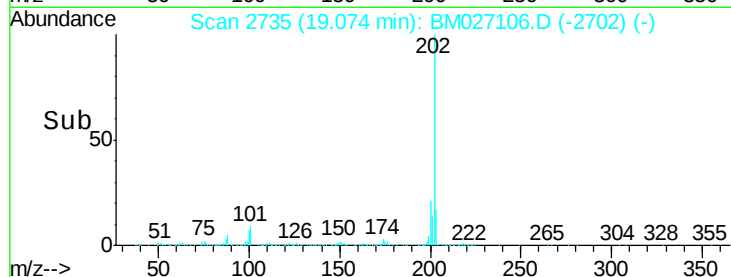
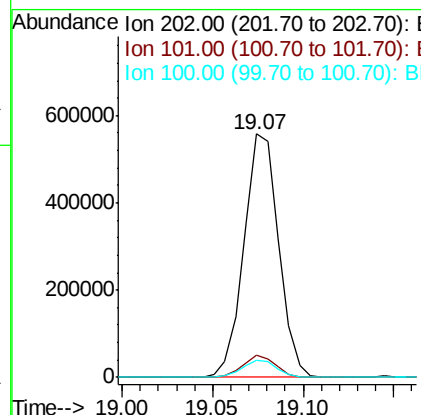
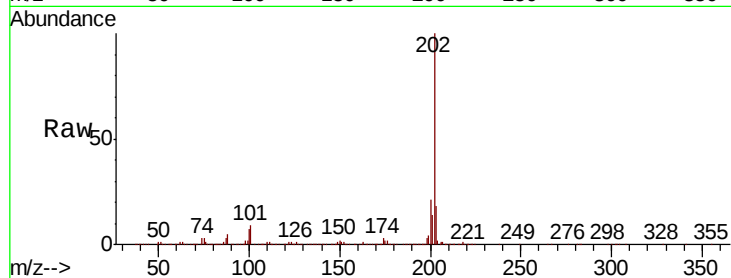
#77
Fluoranthene
 Concen: 14.706 ng/ul
 RT: 19.07 min Scan# 2735
 Delta R.T. -0.01 min
 Lab File: BM027106.D
 Acq: 15 Aug 2020 02:58

Instrument :
 BNA_M
 ClientSampleId :
 BFMM3

Tot Ion:	202	Resp:	741664
Ion Ratio	Lower	Upper	
202	100		
101	8.9	6.7	10.1
100	7.3	5.4	8.2

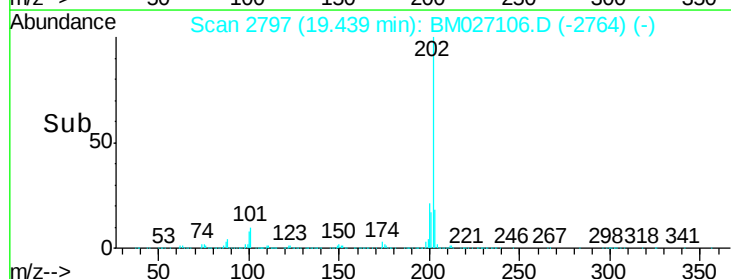
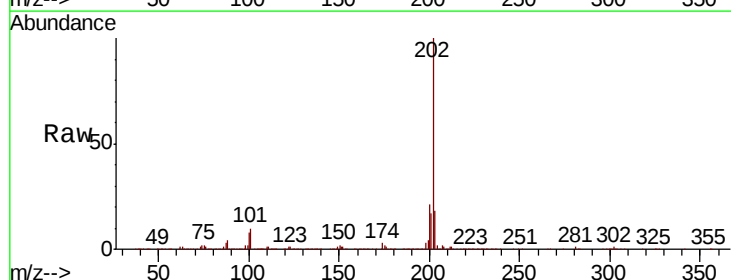
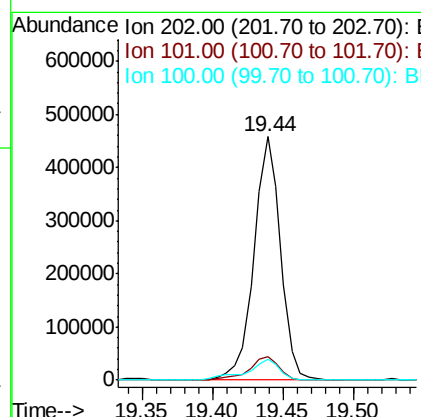
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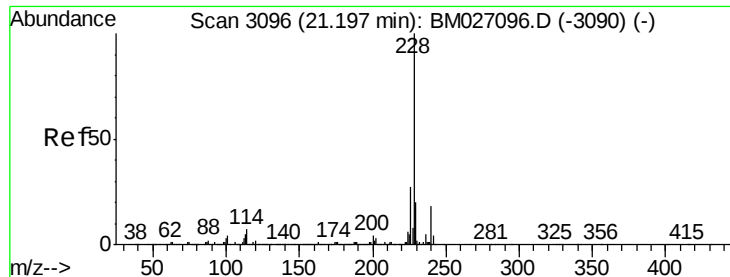
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#80
Pyrene
 Concen: 12.176 ng/ul
 RT: 19.44 min Scan# 2797
 Delta R.T. -0.01 min
 Lab File: BM027106.D
 Acq: 15 Aug 2020 02:58

Tgt Ion:	202	Resp:	603681
Ion Ratio	Lower	Upper	
202	100		
101	9.9	7.6	11.4
100	8.4	6.3	9.5





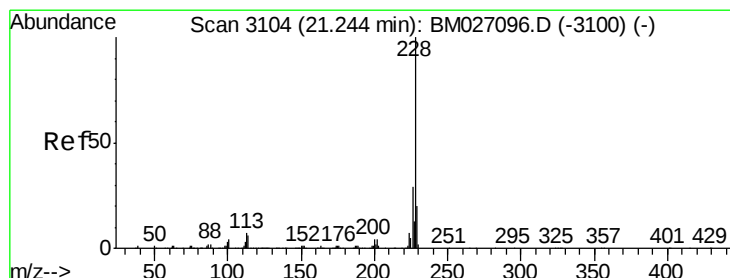
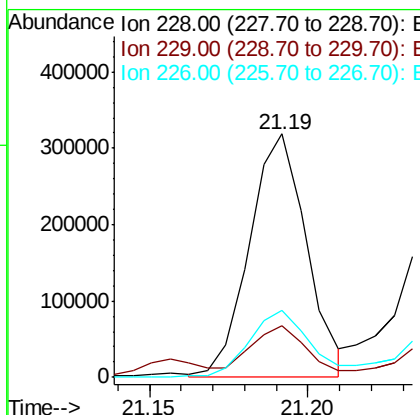
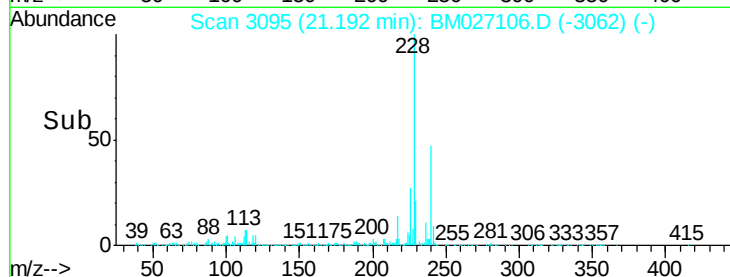
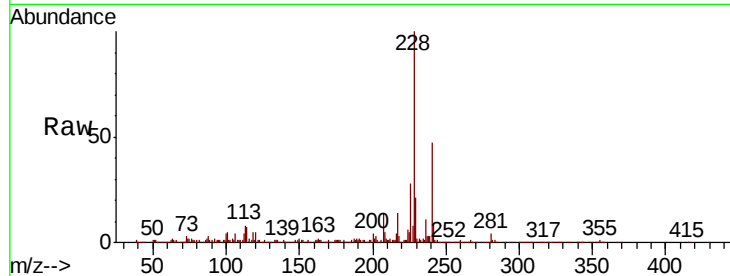
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Benzo(a)anthracene
Concen: 8.108 ng/ul
RT: 21.19 min Scan# 3095
Delta R.T. -0.01 min
Lab File: BM027106.D
Acq: 15 Aug 2020 02:58

Instrument :
BNA_M
ClientSampleId :
BFMM3

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.4	15.8	23.6
226	27.5	21.2	31.8

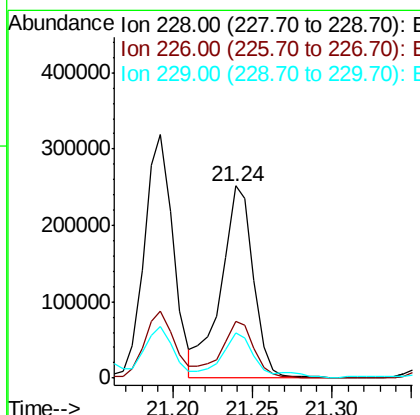
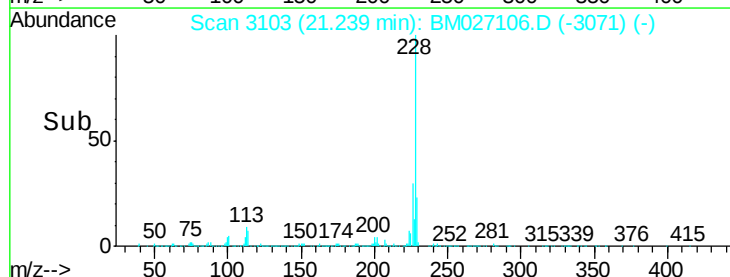
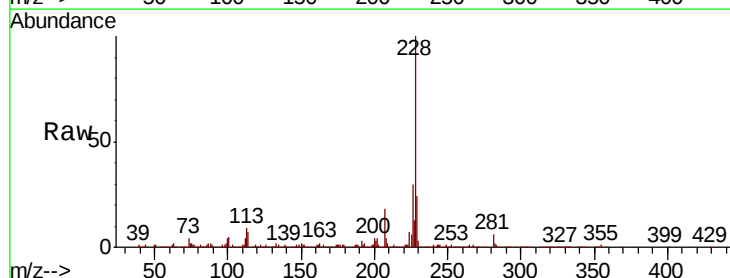
Manual Integrations
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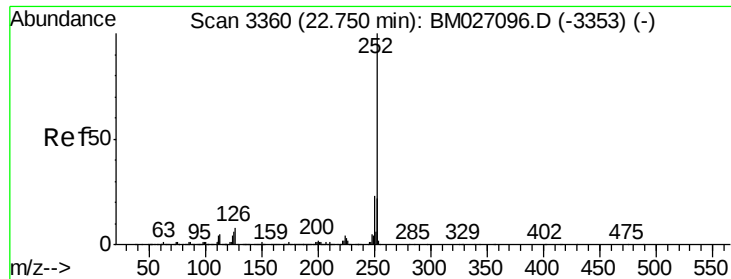
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#85
Chrysene
Concen: 7.315 ng/ul m
RT: 21.24 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BM027106.D
Acq: 15 Aug 2020 02:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.8	35.6
229	23.8	15.8	23.8#





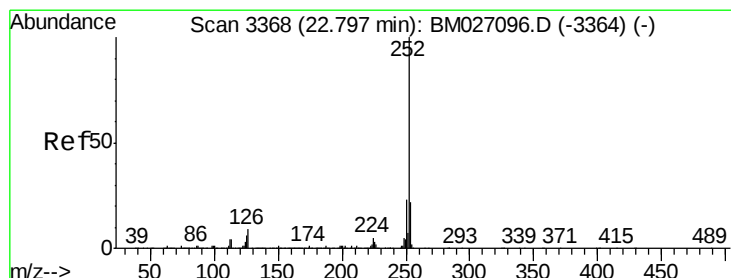
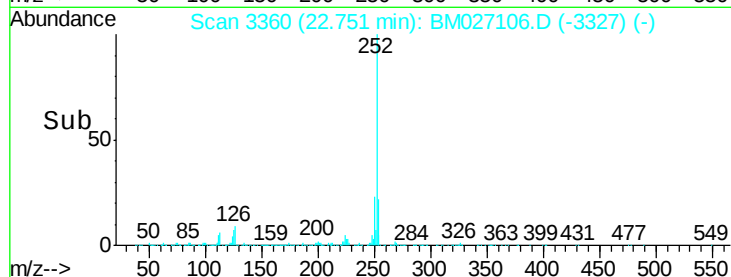
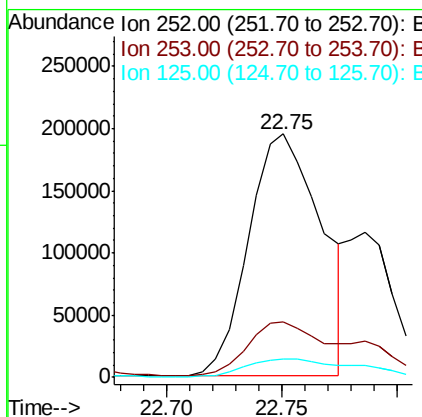
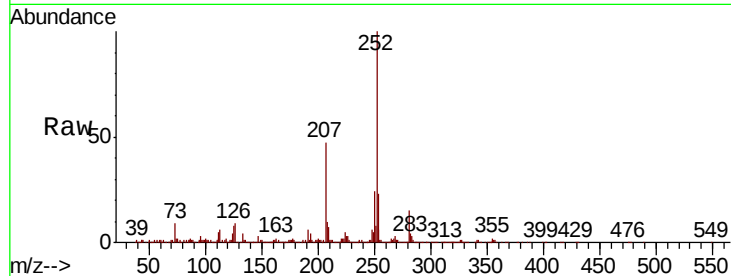
#88
Benzo(b)fluoranthene
Concen: 8.259 ng/ul
RT: 22.75 min Scan# 3360
Delta R.T. -0.01 min
Lab File: BM027106.D
Acq: 15 Aug 2020 02:58

Instrument :
BNA_M
ClientSampleId :
BFMM3

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.6	26.4
125	7.8	6.0	9.0

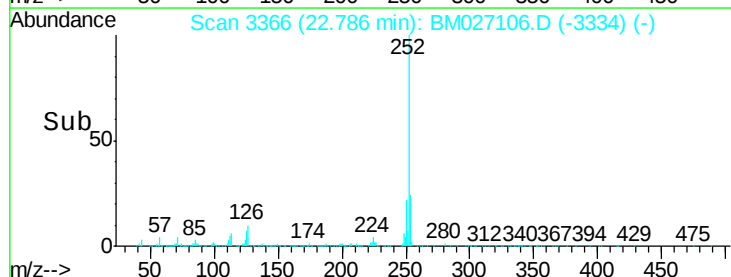
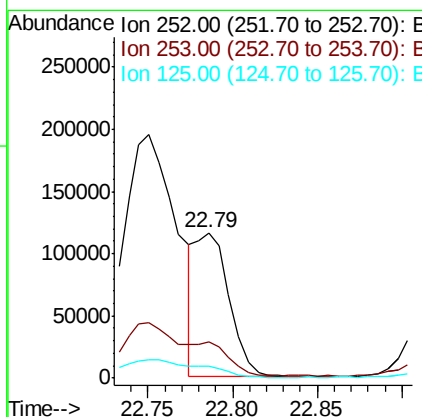
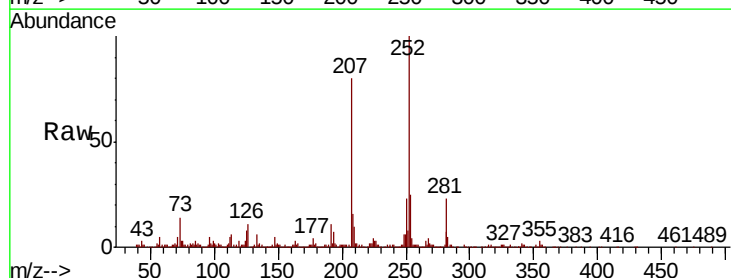
Manual Integrations
APPROVED

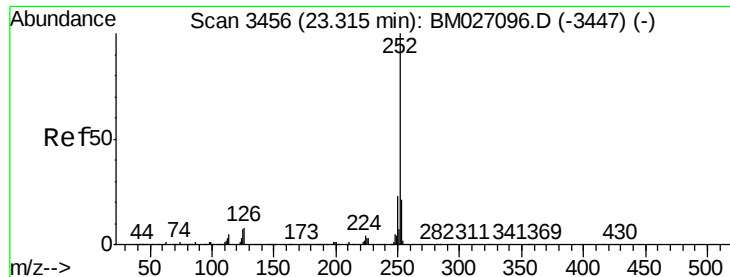
mohammad
8/19/2020 8:19:15 AM



#89
Benzo(k)fluoranthene
Concen: 3.087 ng/ul m
RT: 22.79 min Scan# 3366
Delta R.T. -0.01 min
Lab File: BM027106.D
Acq: 15 Aug 2020 02:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.2	25.8
125	7.8	5.5	8.3





#91

Benzo(a)pyrene

Concen: 6.288 ng/ul

RT: 23.30 min Scan# 3454

Delta R.T. -0.01 min

Lab File: BM027106.D

Acq: 15 Aug 2020 02:58

Instrument :

BNA_M

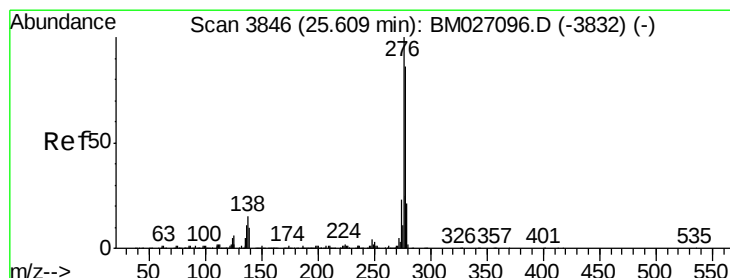
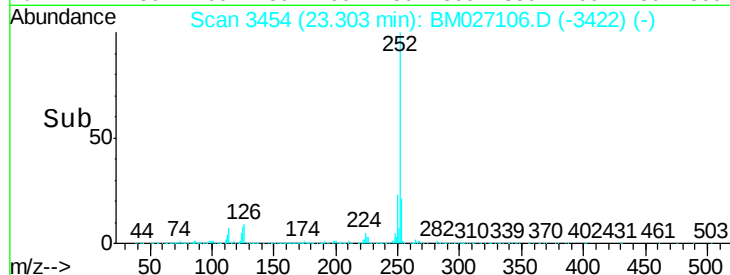
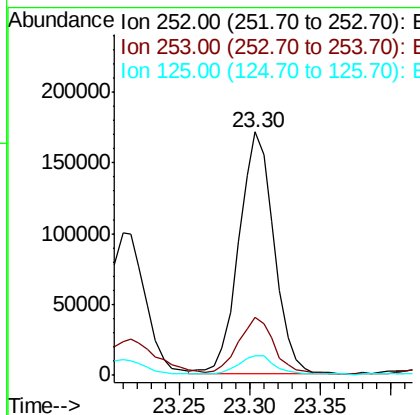
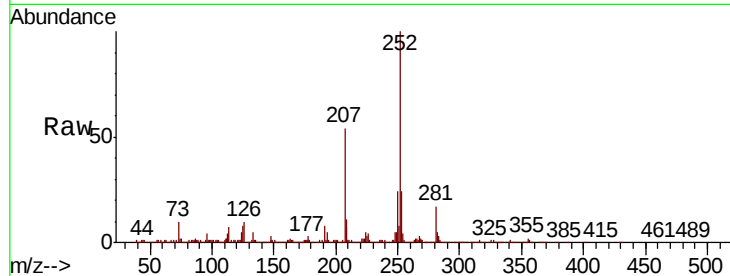
ClientSampled :

BFMM3

Tot Ion:	252	Resp:	294453
Ion Ratio	Lower	Upper	
252	100		
253	23.8	17.0	25.4
125	8.0	5.8	8.8

Manual Integrations
APPROVED

mohammad
8/19/2020 8:19:15 AM



#92

Indeno(1,2,3-cd)pyrene

Concen: 2.916 ng/ul

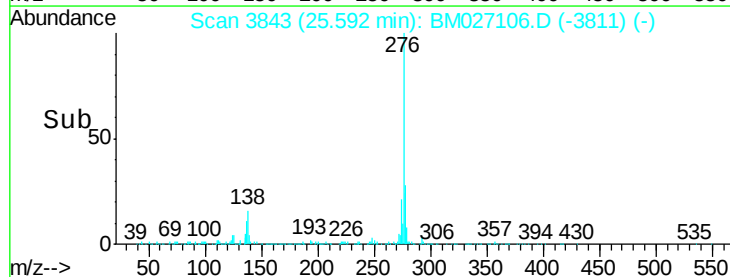
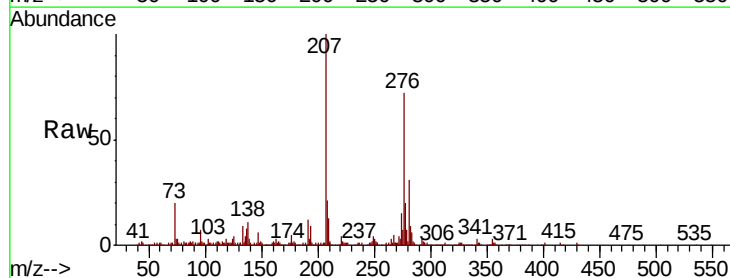
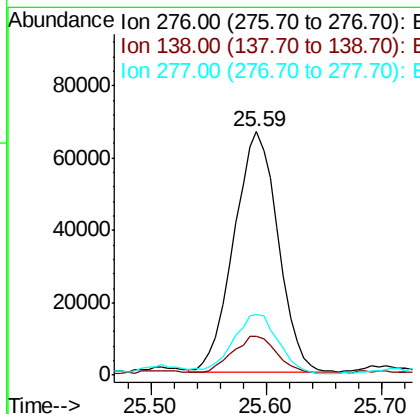
RT: 25.59 min Scan# 3843

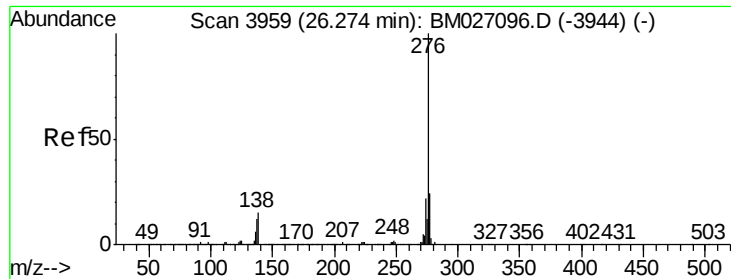
Delta R.T. -0.01 min

Lab File: BM027106.D

Acq: 15 Aug 2020 02:58

Tgt Ion:	276	Resp:	175969
Ion Ratio	Lower	Upper	
276	100		
138	16.1	13.9	20.9
277	24.8	19.8	29.8





#94

Benzo(a,h,i)perylene

Concen: 2.716 ng/ul

RT: 26.26 min Scan# 3956

Delta R.T. -0.02 min

Lab File: BM027106.D

Acq: 15 Aug 2020 02:58

Instrument :

BNA_M

ClientSampleId :

BFMM3

Tot Ion:	276	Resp:	135372
Ion Ratio	Lower	Upper	
276	100		
138	15.8	12.3	18.5
277	24.8	19.0	28.6

Manual Integrations
APPROVED

mohammad
8/19/2020 8:19:15 AM

