

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080619\
 Data File : BM021869.D
 Acq On : 06 Aug 2019 21:44
 Operator : HP/JU
 Sample : K3922-02MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A52F0MS

Manual Integrations
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mohammad
 8/7/2019 12:12:14 PM

Quant Time: Aug 07 12:07:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 04:02:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	817	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	3485	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.28	164	2036	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	4618	0.40	ng/ul	-0.01
16) Chrysene-d12	21.24	240	4749	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	5898	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.04	152	861	0.15	ng/ul	0.00
14) Fluoranthene-d10	19.07	212	2395	0.15	ng/ul	-0.02
Target Compounds				Ovalue		
7) Acenaphthylene	14.01	152	690	0.073	ng/ul#	80
8) Acenaphthene	14.35	153	1945	0.250	ng/ul	96
9) Fluorene	15.35	166	1249	0.145	ng/ul	97
12) Phenanthrene	17.08	178	58402	4.346	ng/ul	96
13) Anthracene	17.18	178	4108	0.358	ng/ul	99
15) Fluoranthene	19.10	202	184054	10.226	ng/ul	96
17) Pyrene	19.46	202	149945	7.684	ng/ul	99
18) Benzo(a)anthracene	21.22	228	61397	3.614	ng/ul	99
19) Chrysene	21.27	228	87761	4.017	ng/ul	99
21) Benzo(b)fluoranthene	22.79	252	119078m	5.987	ng/ul	
22) Benzo(k)fluoranthene	22.83	252	41249m	1.833	ng/ul	
23) Benzo(a)pyrene	23.36	252	70322	3.477	ng/ul#	75
24) Indeno(1,2,3-cd)pyrene	25.66	276	60013	2.485	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.67	278	12734	0.652	ng/ul	92
26) Benzo(g,h,i)perylene	26.35	276	57634	2.651	ng/ul	95

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

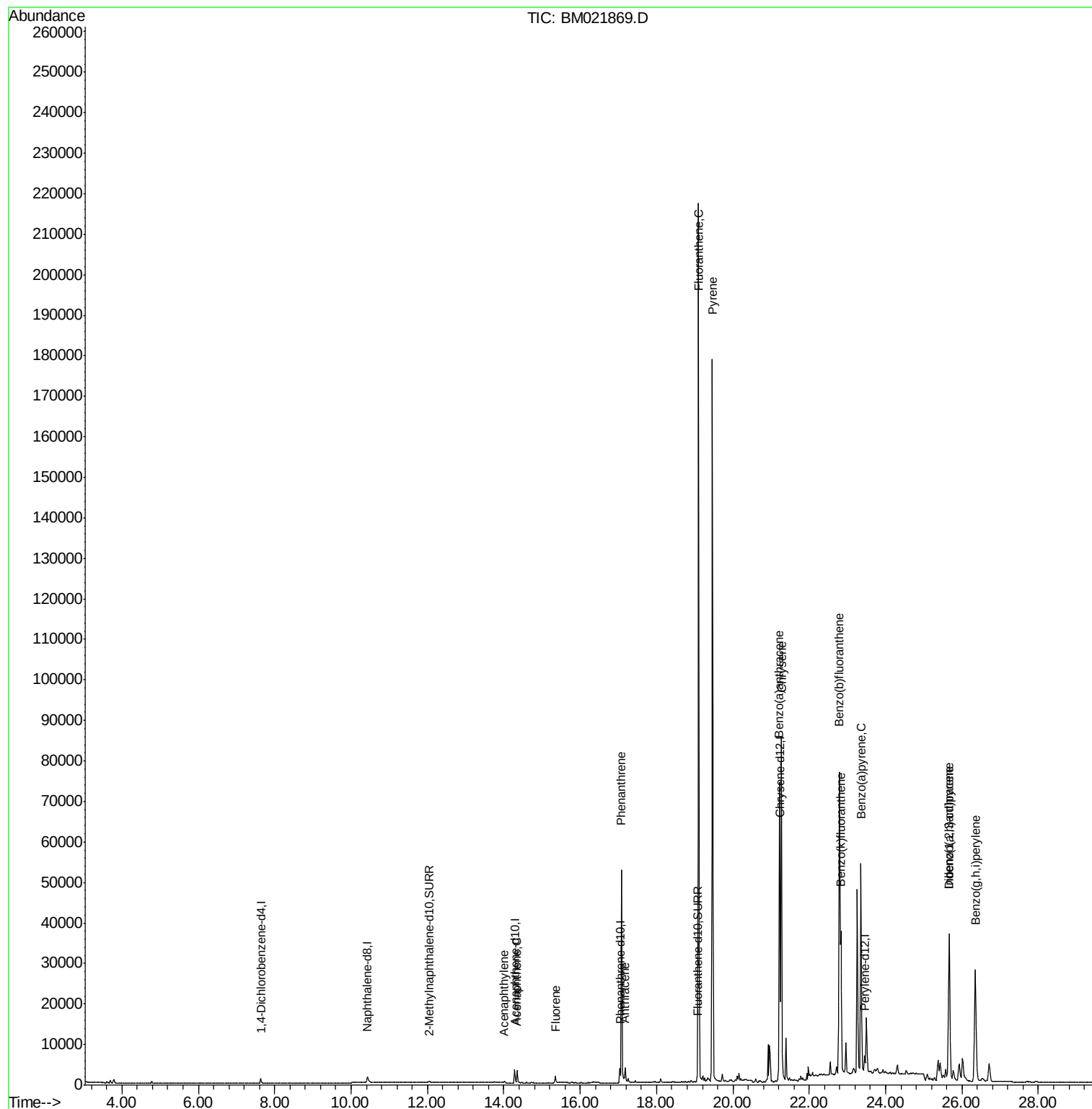
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080619\
Data File : BM021869.D
Acq On : 06 Aug 2019 21:44
Operator : HP/JU
Sample : K3922-02MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

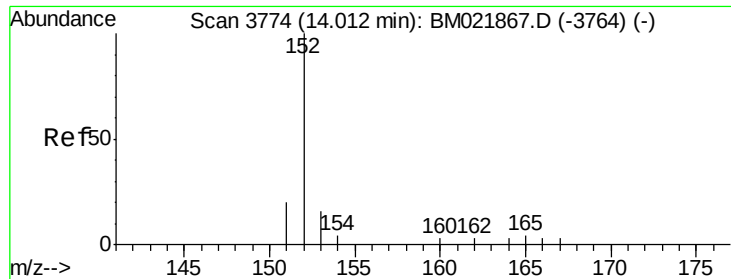
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
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QLast Update : Wed Aug 07 04:02:33 2019
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.073 ng/ul

RT: 14.01 min Scan# 3773

Delta R.T. -0.00 min

Lab File: BM021869.D

Acq: 06 Aug 2019 21:44

Instrument :

BNA_M

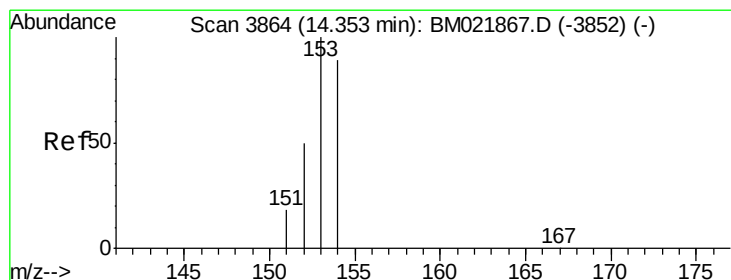
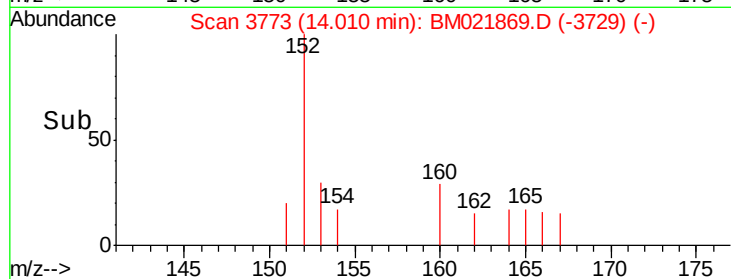
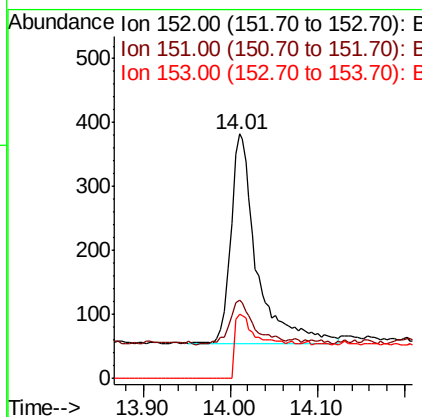
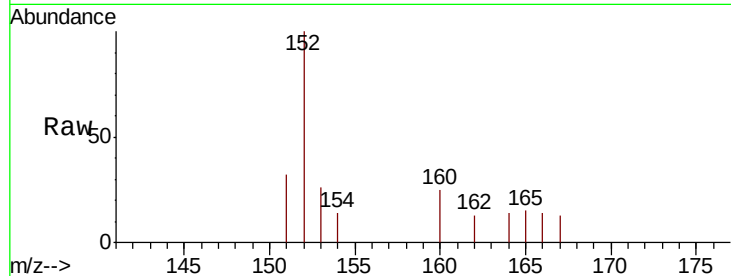
ClientSampleId :

A52F0MS

Tot Ion:	152	Resp:	690
Ion Ratio	Lower	Upper	
152	100		
151	31.7	18.3	27.5#
153	25.9	12.8	19.2#

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#8

Acenaphthene

Concen: 0.250 ng/ul

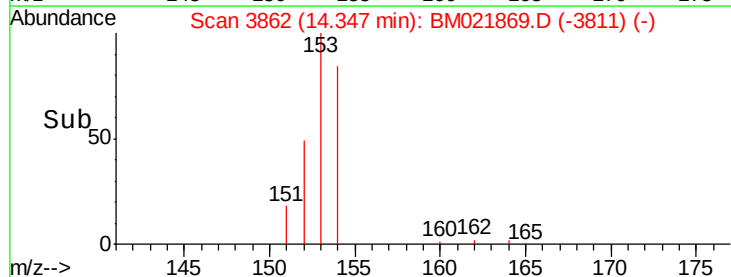
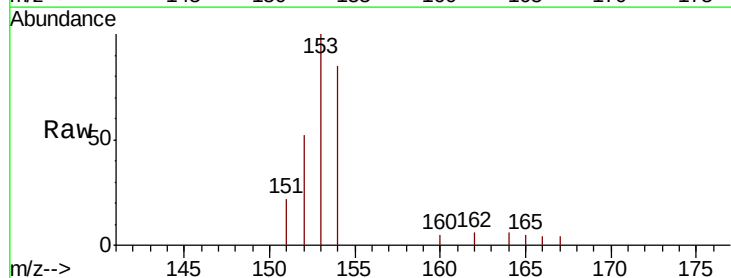
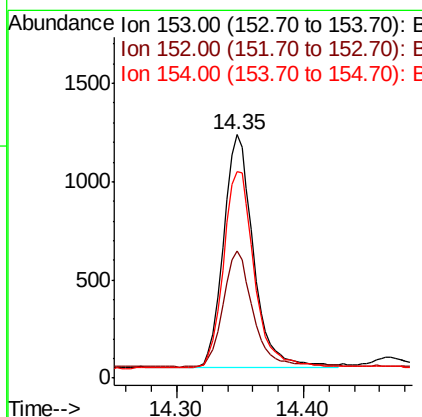
RT: 14.35 min Scan# 3862

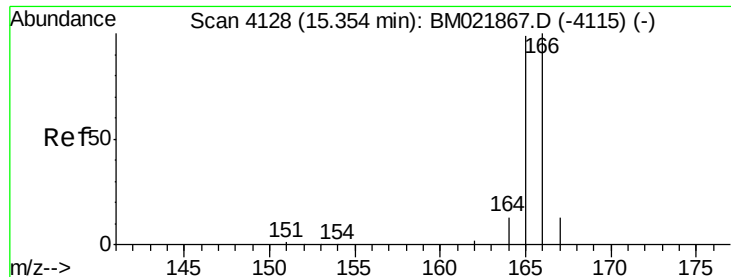
Delta R.T. -0.01 min

Lab File: BM021869.D

Acq: 06 Aug 2019 21:44

Tgt Ion:	153	Resp:	1945
Ion Ratio	Lower	Upper	
153	100		
152	52.1	41.3	61.9
154	84.7	72.3	108.5





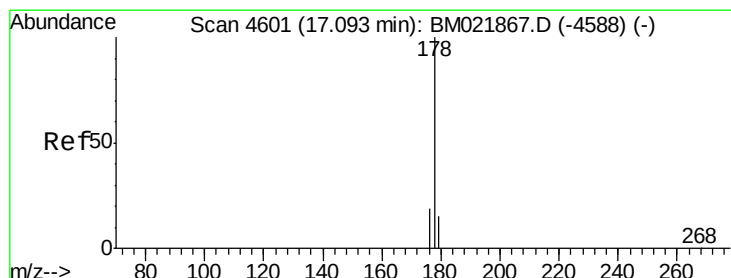
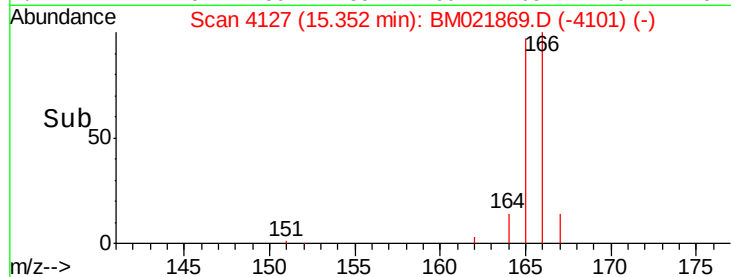
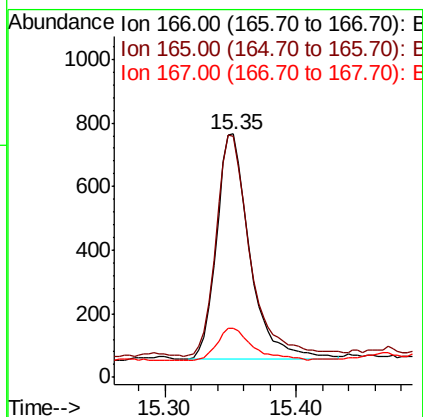
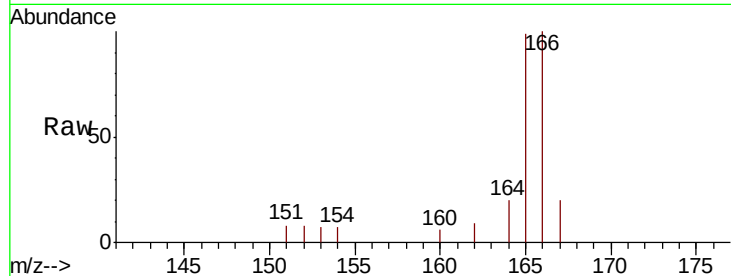
#9
Fluorene
 Concen: 0.145 ng/ul
 RT: 15.35 min Scan# 4127
 Delta R.T. -0.00 min
 Lab File: BM021869.D
 Acq: 06 Aug 2019 21:44

Instrument :
 BNA_M
 ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
166	100	1249		
165	99.0	81.4	122.0	
167	20.1	13.7	20.5	

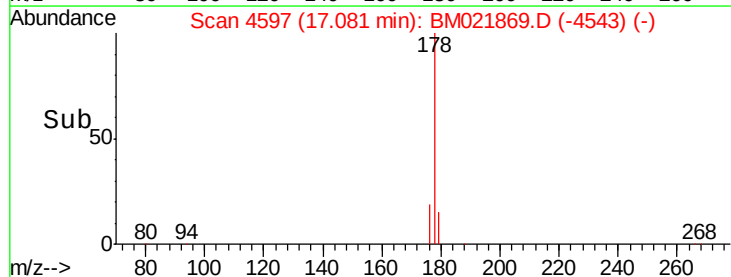
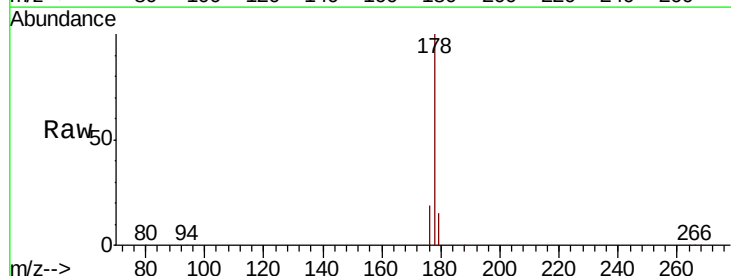
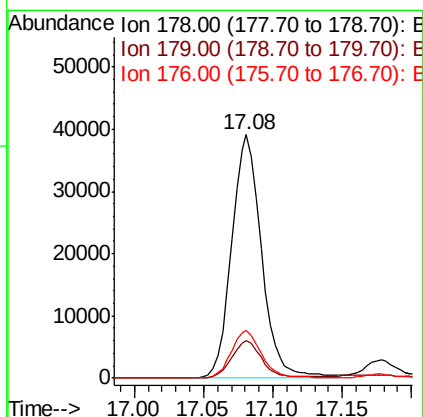
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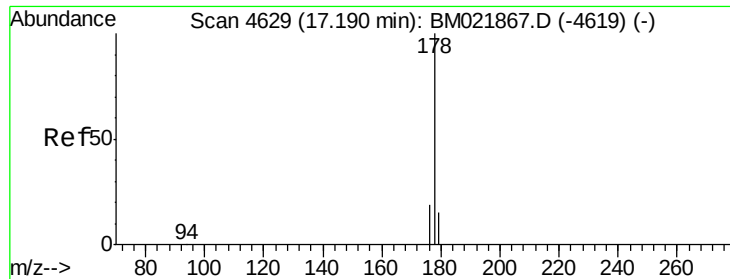
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#12
Phenanthrene
 Concen: 4.346 ng/ul
 RT: 17.08 min Scan# 4597
 Delta R.T. -0.01 min
 Lab File: BM021869.D
 Acq: 06 Aug 2019 21:44

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	58402		
179	15.2	14.2	21.2	
176	19.4	16.8	25.2	





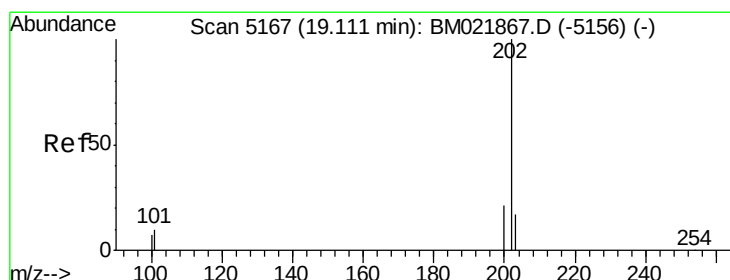
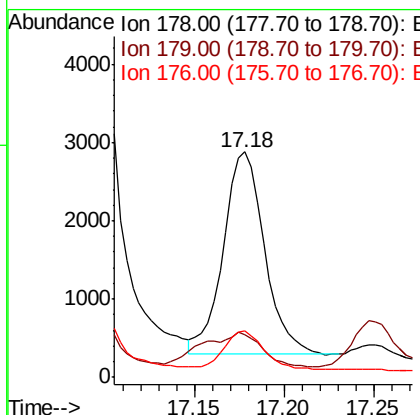
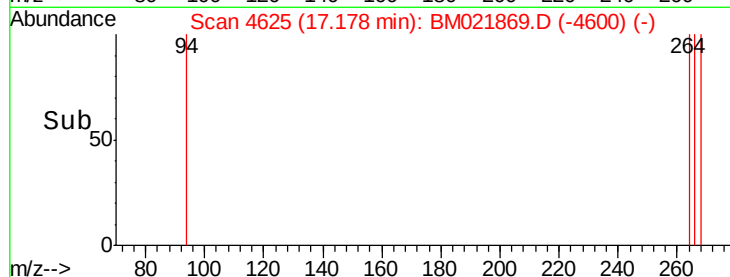
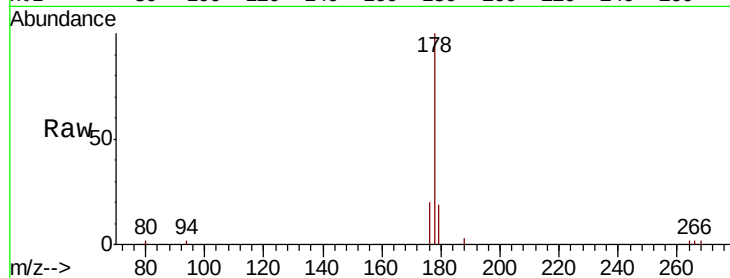
#13
 Anthracene
 Concen: 0.358 ng/ul
 RT: 17.18 min Scan# 4625
 Delta R.T. -0.01 min
 Lab File: BM021869.D
 Acq: 06 Aug 2019 21:44

Instrument :
 BNA_M
 ClientSampleId :
 A52F0MS

Tot Ion:178	Resp:	4108
Ion Ratio	Lower	Upper
178	100	
179	18.8	15.5 23.3
176	20.4	16.6 25.0

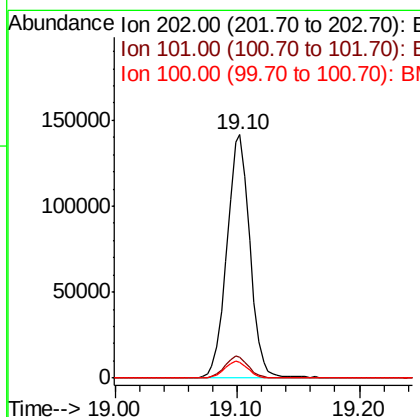
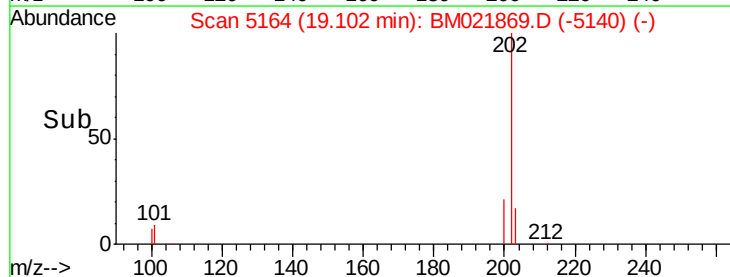
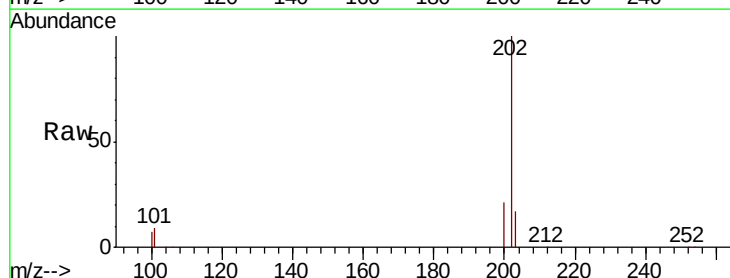
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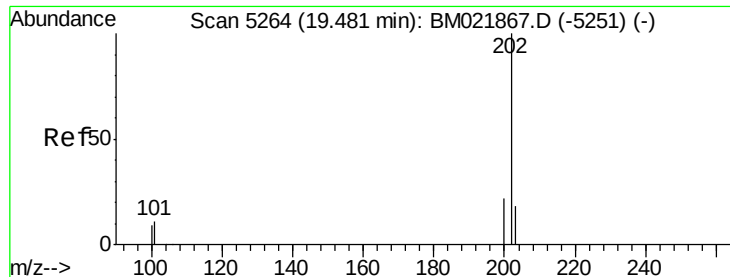
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#15
 Fluoranthene
 Concen: 10.226 ng/ul
 RT: 19.10 min Scan# 5164
 Delta R.T. -0.01 min
 Lab File: BM021869.D
 Acq: 06 Aug 2019 21:44

Tgt Ion:202	Resp:	184054
Ion Ratio	Lower	Upper
202	100	
101	8.7	0.0 30.2
100	6.7	0.0 28.1





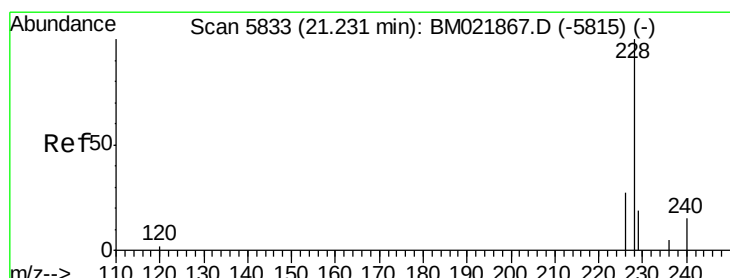
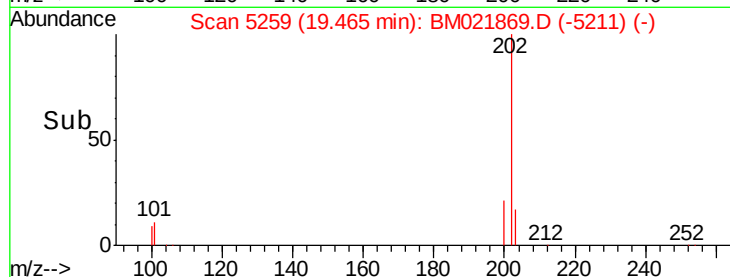
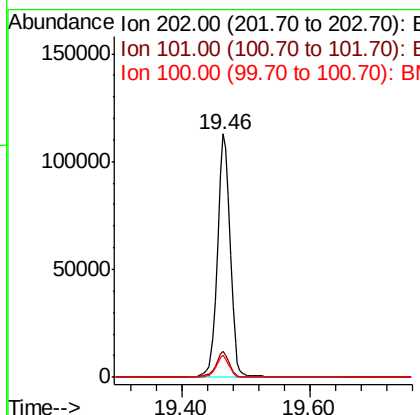
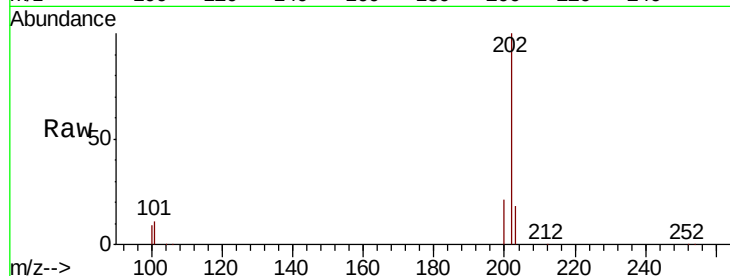
#17
Pvrene
Concen: 7.684 ng/ul
RT: 19.46 min Scan# 5259
Delta R.T. -0.02 min
Lab File: BM021869.D
Acq: 06 Aug 2019 21:44

Instrument :
BNA_M
ClientSampleId :
A52F0MS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	149945		
101	10.7		8.3	12.5
100	8.9		7.2	10.8

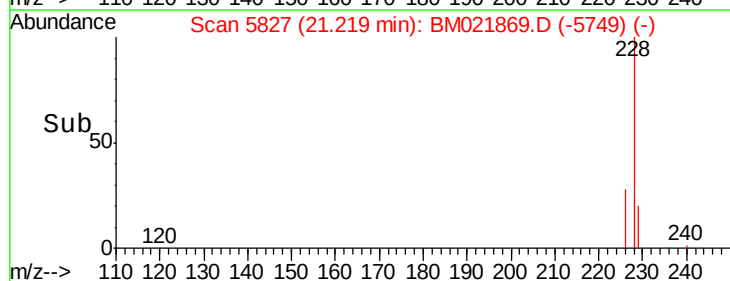
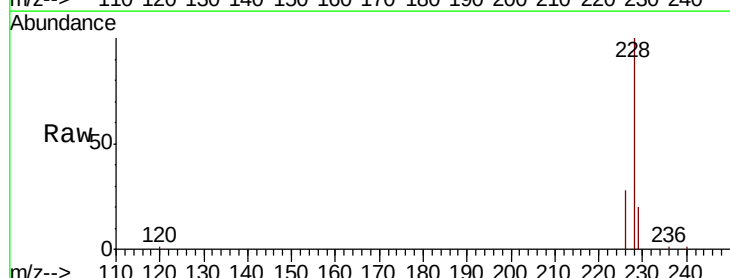
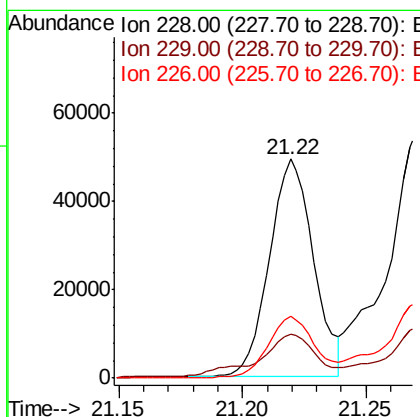
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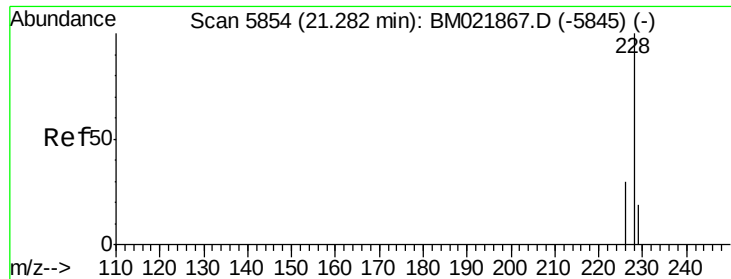
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#18
Benzo(a)anthracene
Concen: 3.614 ng/ul
RT: 21.22 min Scan# 5827
Delta R.T. -0.01 min
Lab File: BM021869.D
Acq: 06 Aug 2019 21:44

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	61397		
229	20.1		17.2	25.8
226	28.3		22.6	34.0





#19

Chrysene

Concen: 4.017 ng/ul

RT: 21.27 min Scan# 5849

Delta R.T. -0.01 min

Lab File: BM021869.D

Acq: 06 Aug 2019 21:44

Instrument :

BNA_M

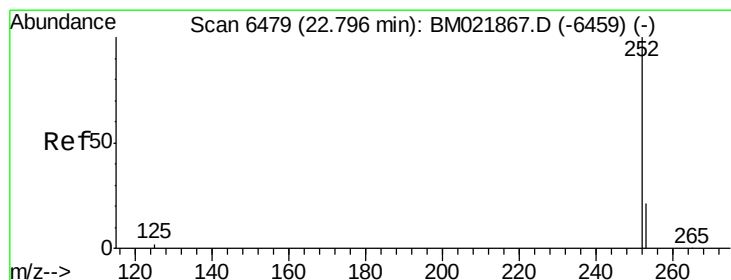
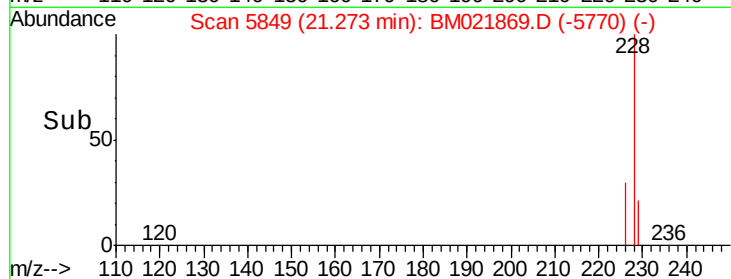
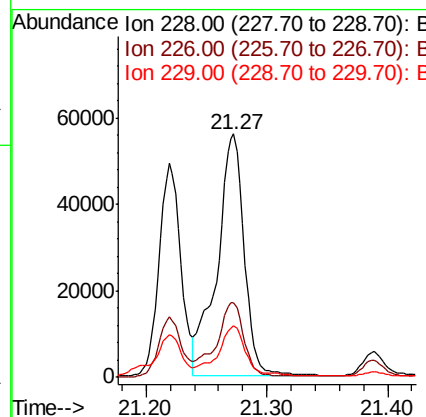
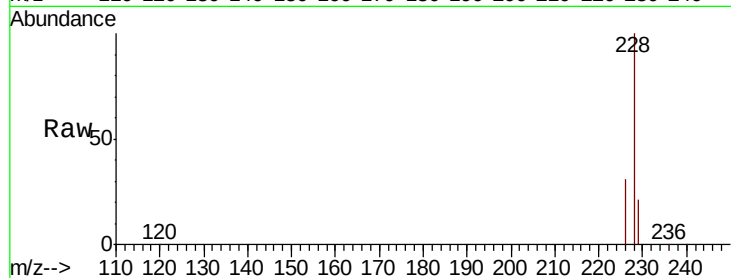
ClientSampleId :

A52F0MS

Tot Ion:	228	Resp:	87761
Ion Ratio	Lower	Upper	
228	100		
226	30.5	24.9	37.3
229	21.1	16.6	25.0

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#21

Benzo(b)fluoranthene

Concen: 5.987 ng/ul m

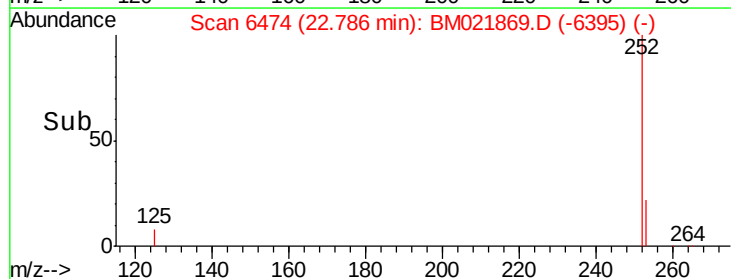
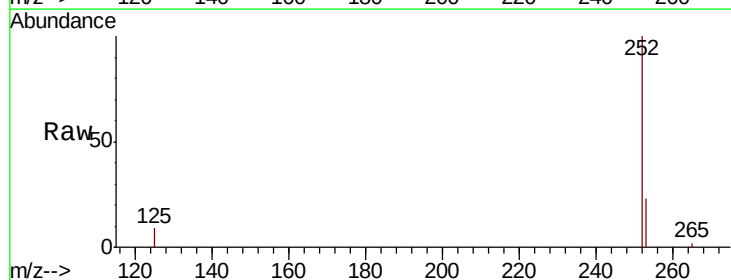
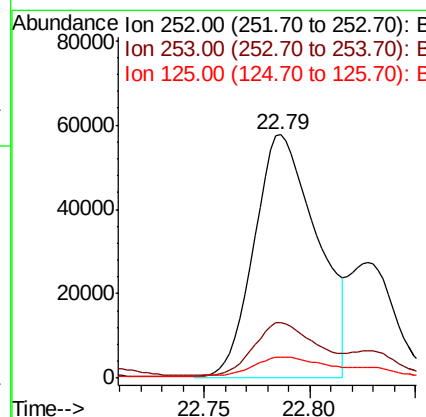
RT: 22.79 min Scan# 6474

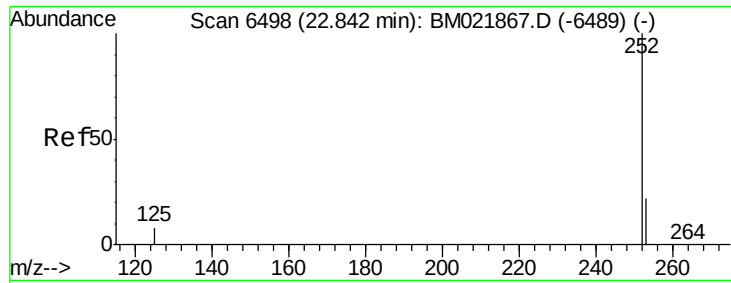
Delta R.T. -0.01 min

Lab File: BM021869.D

Acq: 06 Aug 2019 21:44

Tgt Ion:	252	Resp:	119078
Ion Ratio	Lower	Upper	
252	100		
253	22.8	0.0	67.4
125	8.7	0.0	31.0





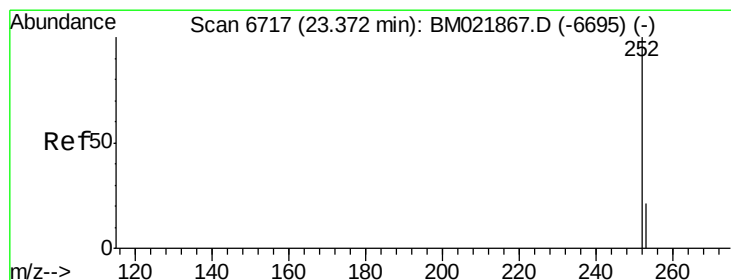
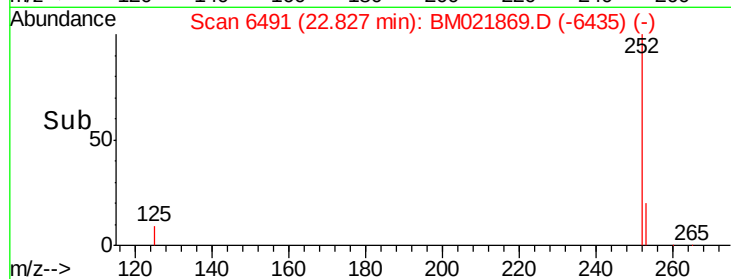
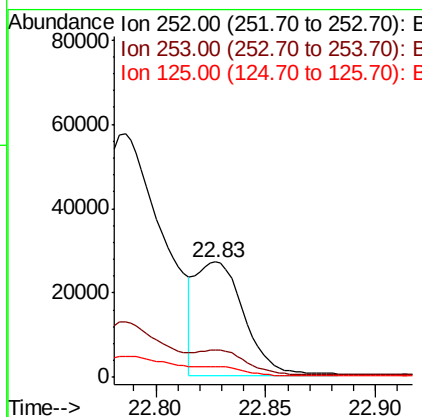
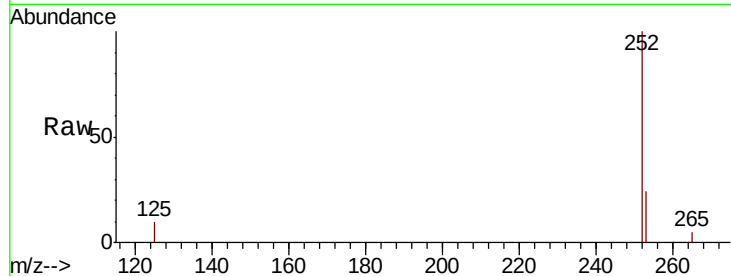
#22
Benzo(k)fluoranthene
Concen: 1.833 ng/ul m
RT: 22.83 min Scan# 6491
Delta R.T. -0.01 min
Lab File: BM021869.D
Acq: 06 Aug 2019 21:44

Instrument :
BNA_M
ClientSampleId :
A52F0MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	27.0	40.4#
125	9.6	12.2	18.2#

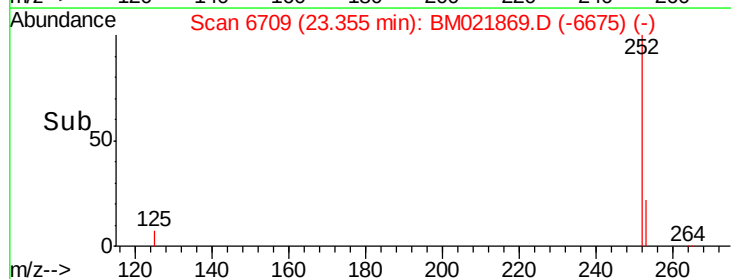
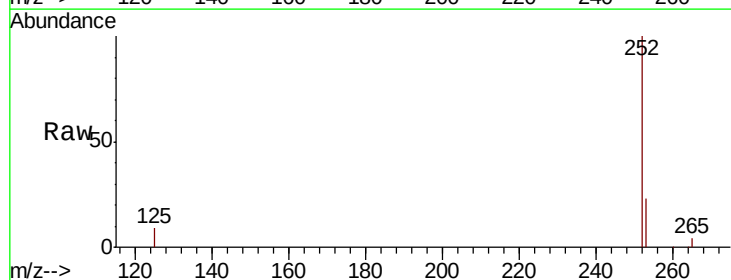
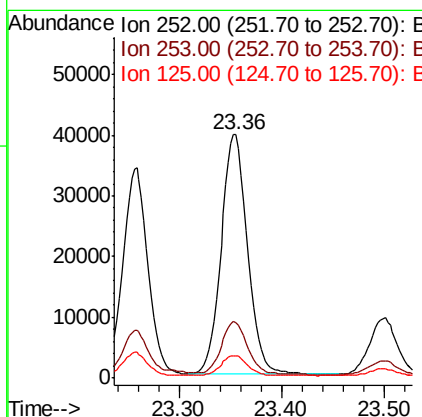
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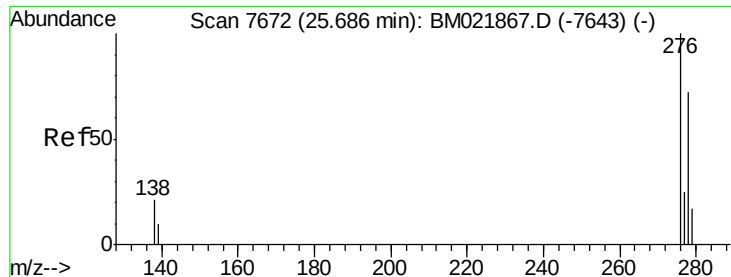
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#23
Benzo(a)pyrene
Concen: 3.477 ng/ul
RT: 23.36 min Scan# 6709
Delta R.T. -0.02 min
Lab File: BM021869.D
Acq: 06 Aug 2019 21:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	31.7	47.5#
125	9.2	14.6	21.8#





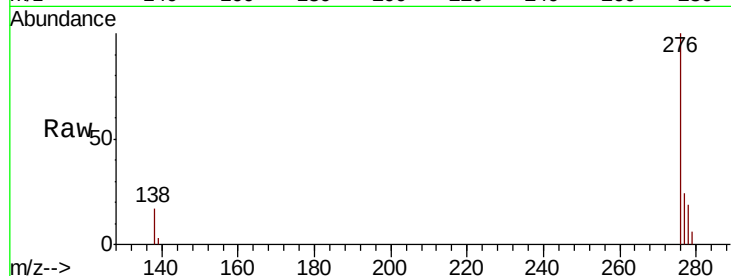
#24
Indeno(1,2,3-cd)pyrene
Concen: 2.485 ng/ul
RT: 25.66 min Scan# 7662
Delta R.T. -0.02 min
Lab File: BM021869.D
Acq: 06 Aug 2019 21:44

Instrument :
BNA_M
ClientSampleId :
A52F0MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.9	15.1	22.7
227	0.0	0.0	0.0

Manual Integrations
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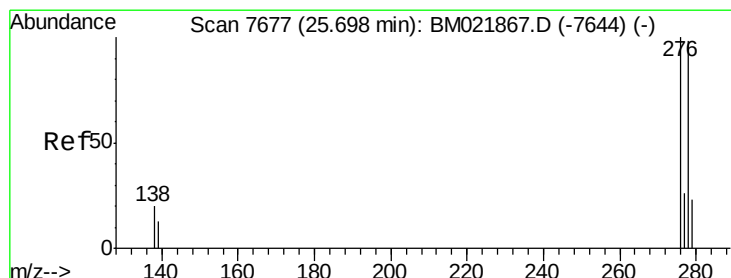
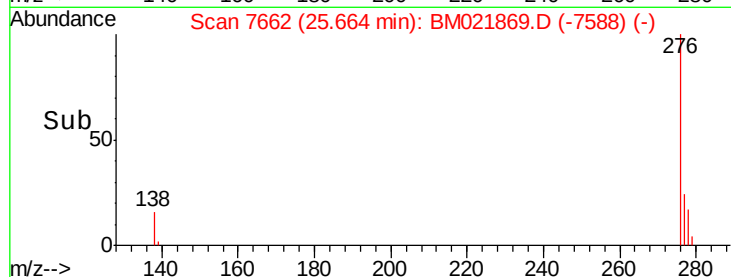
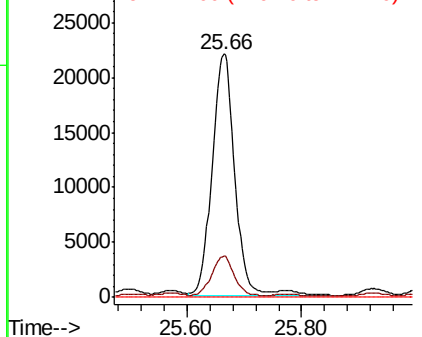


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



#25
Dibenzo(a,h)anthracene
Concen: 0.652 ng/ul
RT: 25.67 min Scan# 7664
Delta R.T. -0.03 min
Lab File: BM021869.D
Acq: 06 Aug 2019 21:44

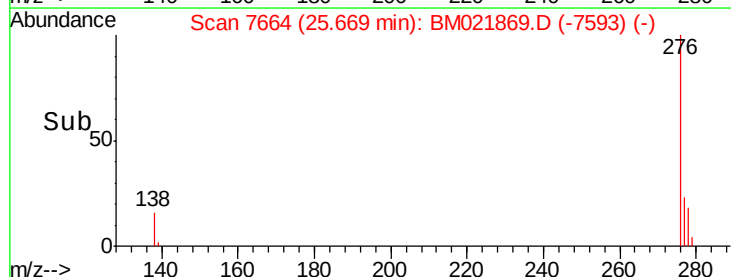
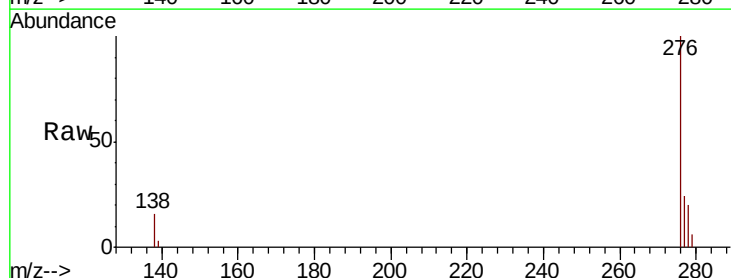
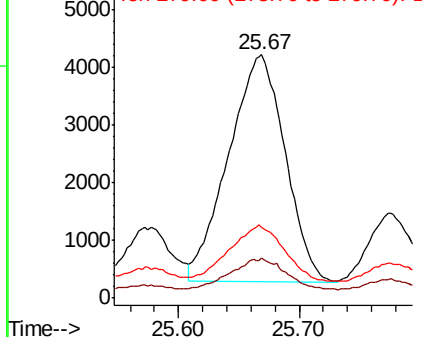
Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.5	14.2	21.2
279	29.1	28.3	42.5

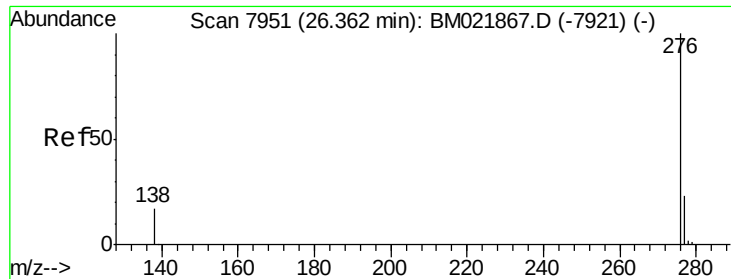
Abundance

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





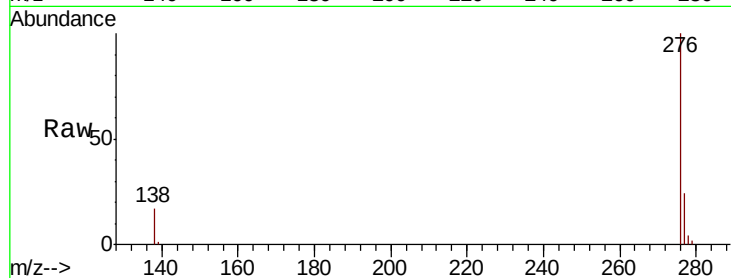
#26
 Benzo(a,h,i)perylene
 Concen: 2.651 ng/ul
 RT: 26.35 min Scan# 7943
 Delta R.T. -0.02 min
 Lab File: BM021869.D
 Acq: 06 Aug 2019 21:44

Instrument :
 BNA_M
 ClientSampleId :
 A52F0MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.5	15.5	23.3
277	24.3	21.4	32.2

Manual Integrations
 APPROVED

mohammad
 8/7/2019 12:12:14 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

