

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
 Data File : BM021959.D
 Acq On : 09 Aug 2019 08:05
 Operator : HP/JU
 Sample : K4116-12
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JLLE4

Manual Integrations
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Sohil
 8/13/2019 8:30:03 AM

Quant Time: Aug 09 12:59:25 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 : Fri Aug 09 01:29:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	1037	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	4310	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.27	164	2356	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.03	188	5561m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.23	240	5136m	0.40	ng/ul	0.00
20) Perylene-d12	23.44	264	4995m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	1488	0.21	ng/ul	-0.02
14) Fluoranthene-d10	19.06	212	4025m	0.21	ng/ul	-0.02
Target Compounds				Ovalue		
7) Acenaphthylene	13.99	152	327	0.030	ng/ul#	60
11) Pentachlorophenol	16.69	266	397m	0.387	ng/ul	
12) Phenanthrene	17.07	178	963m	0.060	ng/ul	
13) Anthracene	17.16	178	499m	0.036	ng/ul	
15) Fluoranthene	19.09	202	2246m	0.104	ng/ul	
17) Pyrene	19.46	202	2641	0.125	ng/ul#	86
18) Benzo(a)anthracene	21.22	228	1218	0.066	ng/ul#	75
19) Chrysene	21.27	228	1711	0.072	ng/ul#	77
21) Benzo(b)fluoranthene	22.78	252	2245m	0.133	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	824m	0.043	ng/ul	
23) Benzo(a)pyrene	23.34	252	1509m	0.088	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.66	276	1237m	0.060	ng/ul	
26) Benzo(g,h,i)perylene	26.34	276	1305m	0.071	ng/ul	

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

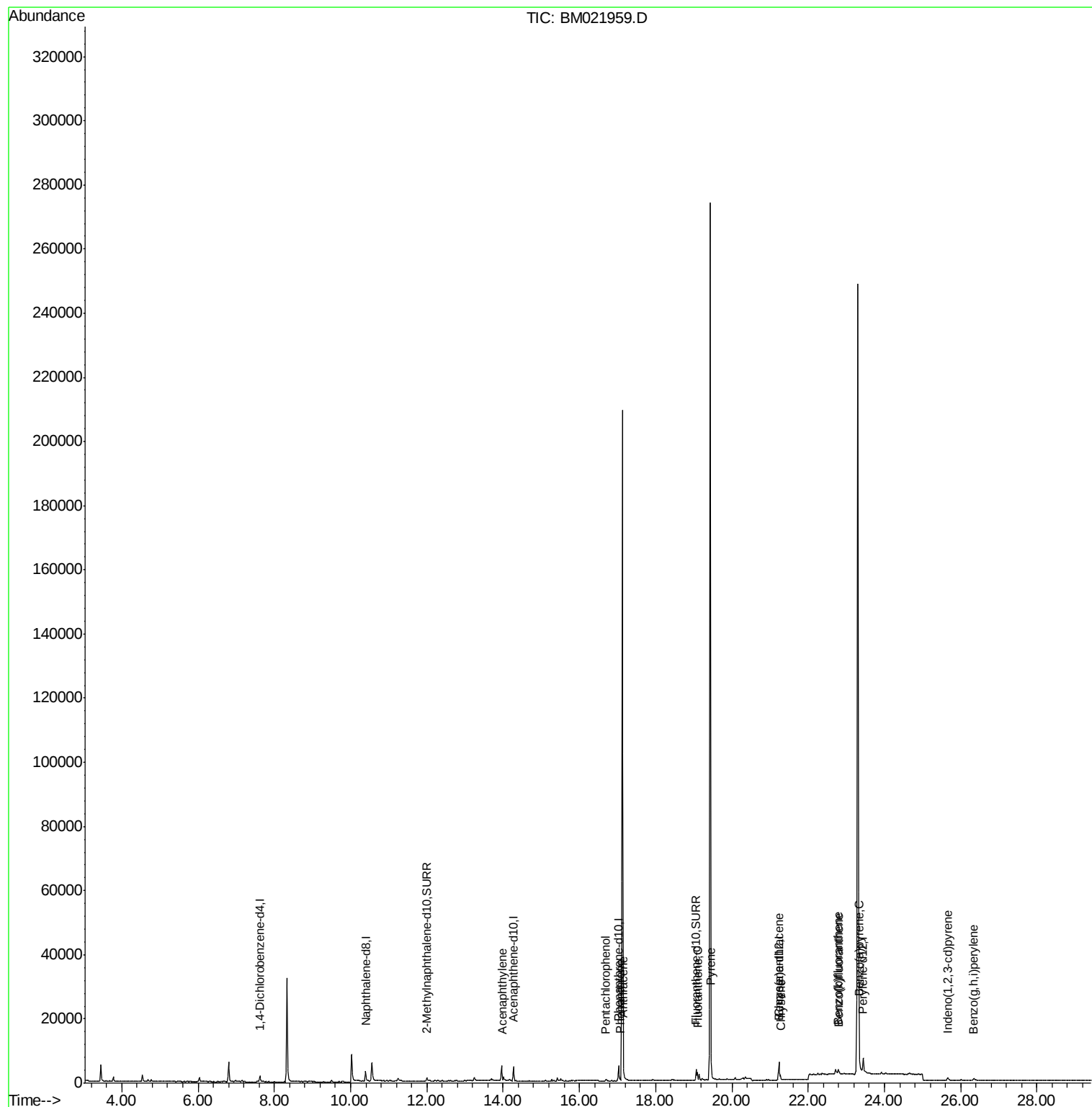
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
Data File : BM021959.D
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ALS Vial : 21 Sample Multiplier: 1

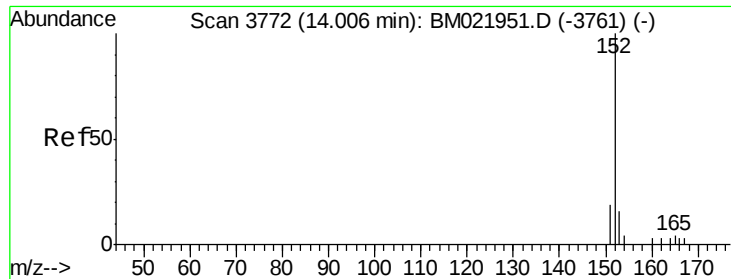
Instrument :
BNA_M
ClientSampleId :
JLLE4

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8/13/2019 8:30:03 AM

Quant Time: Aug 09 12:59:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
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QLast Update : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.030 ng/ul

RT: 13.99 min Scan# 3769

Delta R.T. -0.02 min

Lab File: BM021959.D

Acq: 09 Aug 2019 08:05

Instrument :

BNA_M

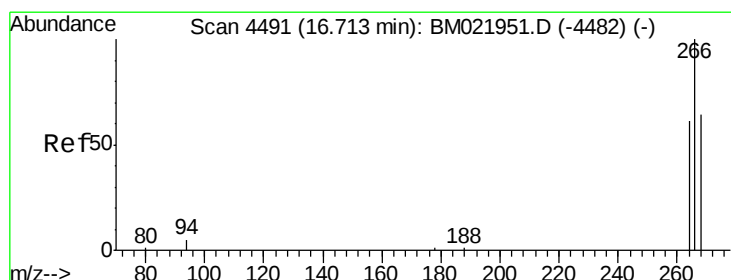
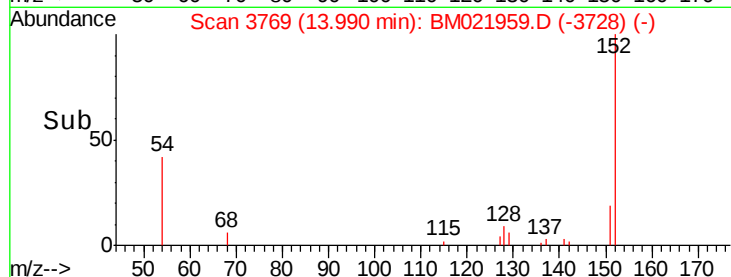
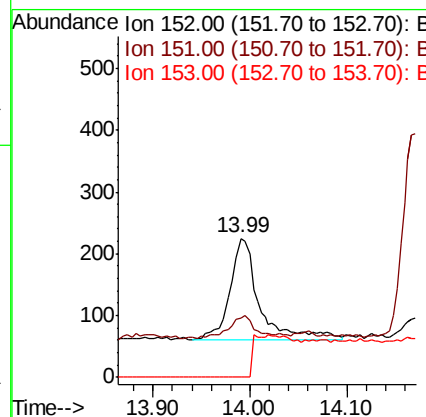
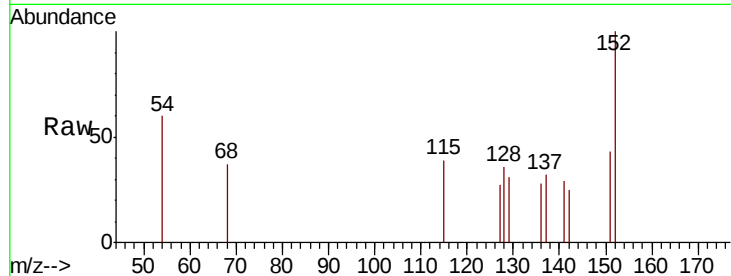
ClientSampled :

JLLE4

Tot Ion:	152	Resp:	327
Ion Ratio	Lower	Upper	
152	100		
151	42.7	18.3	27.5#
153	0.0	12.8	19.2#

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#11

Pentachlorophenol

Concen: 0.387 ng/ul m

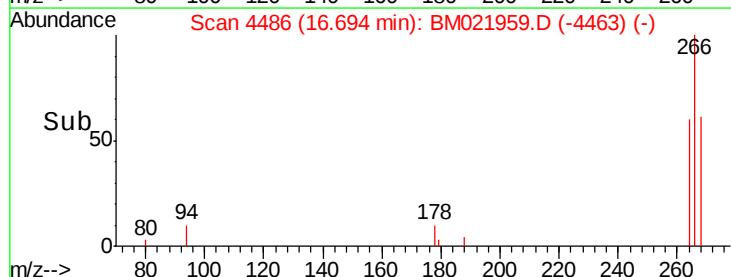
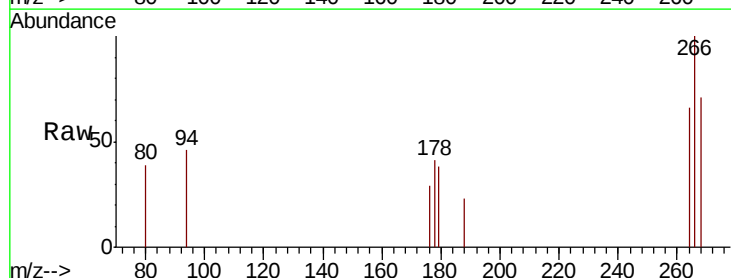
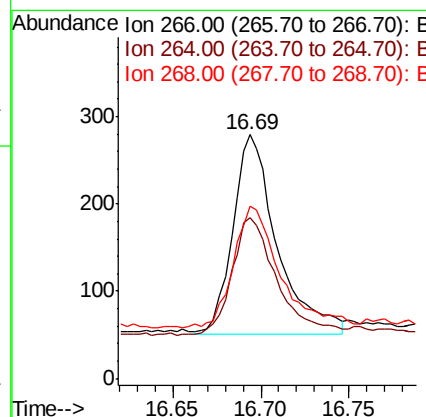
RT: 16.69 min Scan# 4486

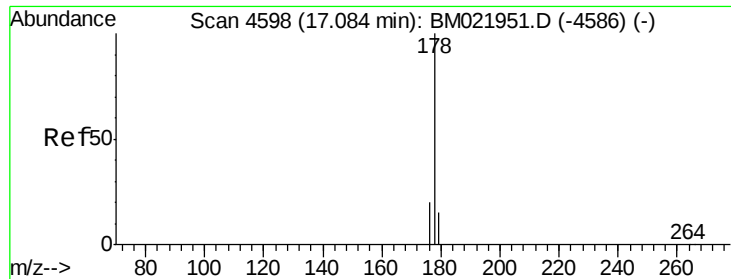
Delta R.T. -0.02 min

Lab File: BM021959.D

Acq: 09 Aug 2019 08:05

Tgt Ion:	266	Resp:	397
Ion Ratio	Lower	Upper	
266	100		
264	0.0	54.2	81.2#
268	0.0	57.6	86.4#





#12

Phenanthrene

Concen: 0.060 ng/ul m

RT: 17.07 min Scan# 4593

Delta R.T. -0.02 min

Lab File: BM021959.D

Acq: 09 Aug 2019 08:05

Instrument :

BNA_M

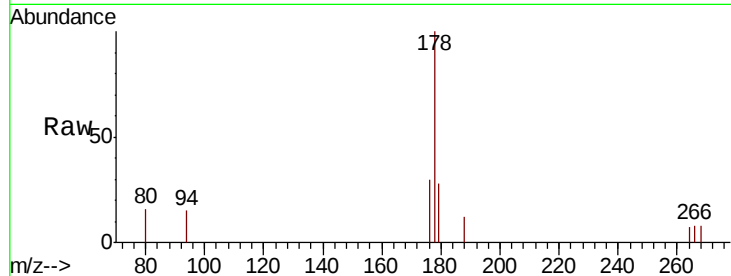
ClientSampled :

JLLE4

Tot Ion	Ratio	Lower	Upper
178	100		
179	28.4	14.2	21.2#
176	29.6	16.8	25.2#

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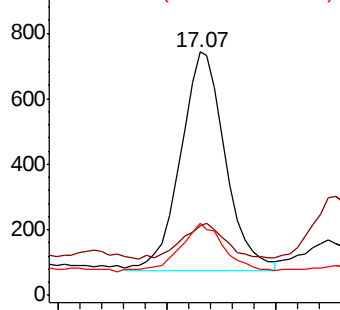
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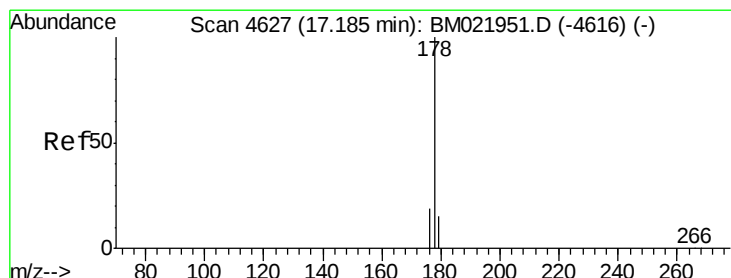
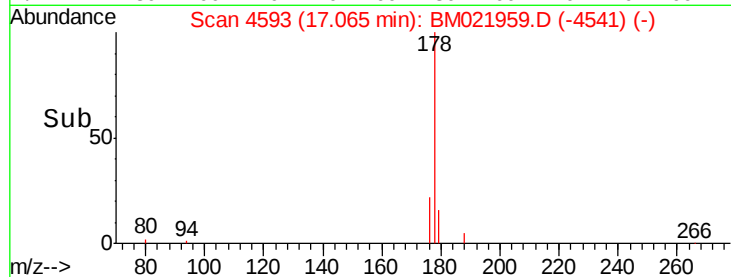
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->



#13

Anthracene

Concen: 0.036 ng/ul m

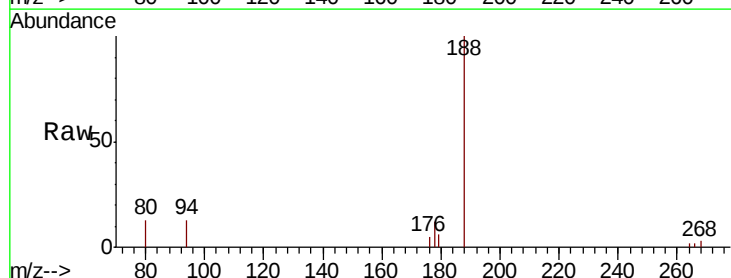
RT: 17.16 min Scan# 4620

Delta R.T. -0.02 min

Lab File: BM021959.D

Acq: 09 Aug 2019 08:05

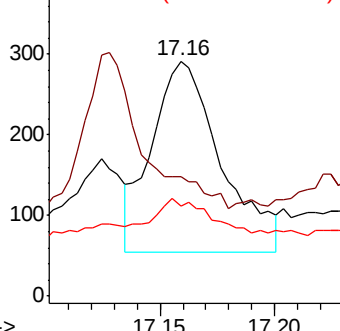
Tgt Ion	Ratio	Lower	Upper
178	100		
179	51.0	15.5	23.3#
176	38.4	16.6	25.0#



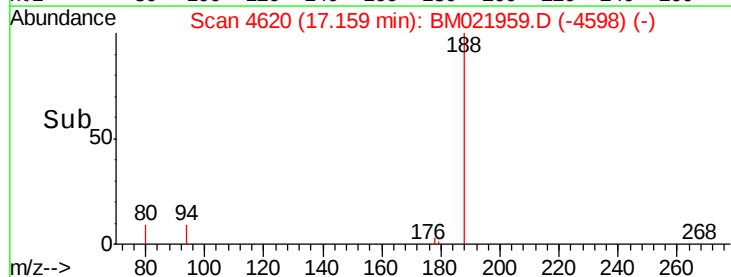
Abundance Ion 178.00 (177.70 to 178.70): E

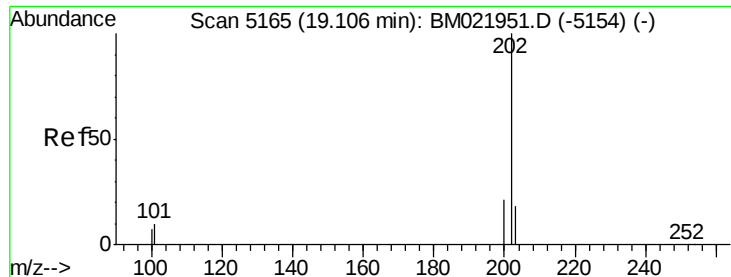
Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->





#15

Fluoranthene

Concen: 0.104 ng/ul m

RT: 19.09 min Scan# 5162

Delta R.T. -0.02 min

Lab File: BM021959.D

Acq: 09 Aug 2019 08:05

Instrument :

BNA_M

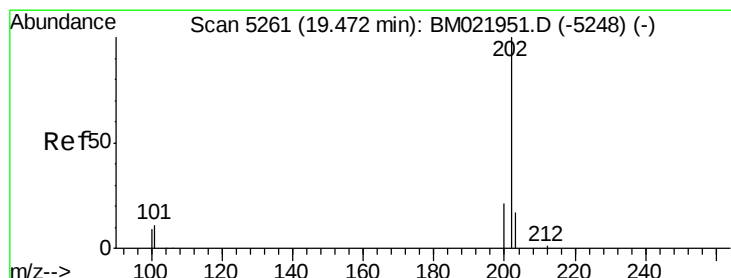
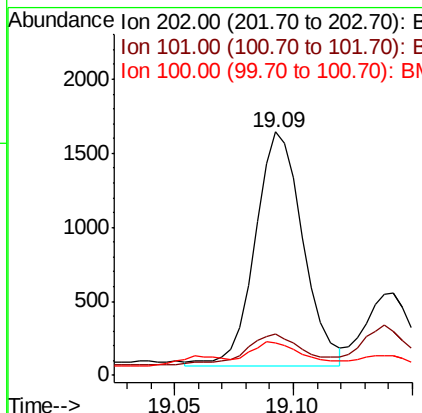
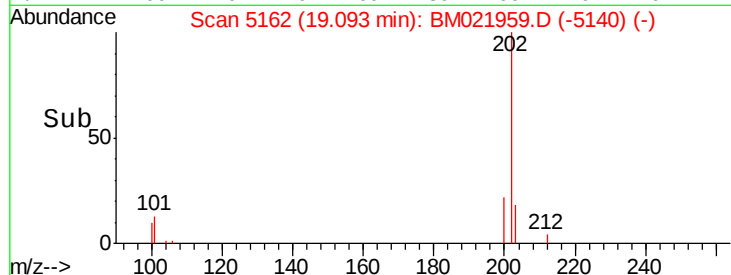
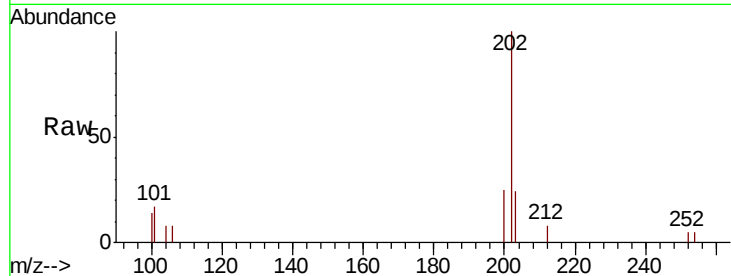
ClientSampleId :

JLLE4

Tot Ion:	202	Resp:	2246
Ion Ratio	Lower	Upper	
202	100		
101	17.0	0.0	30.2
100	13.5	0.0	28.1

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#17

Pyrene

Concen: 0.125 ng/ul

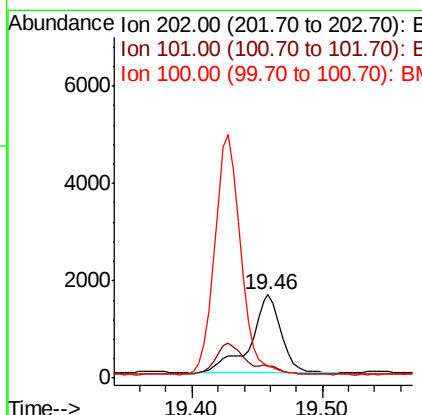
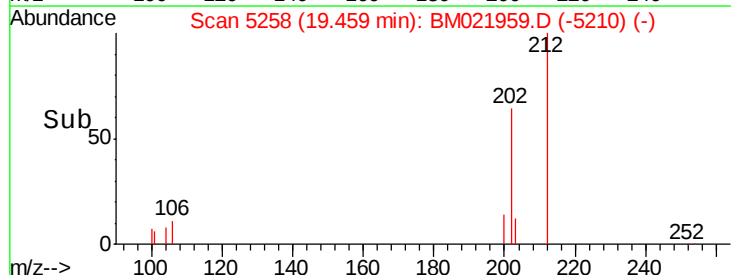
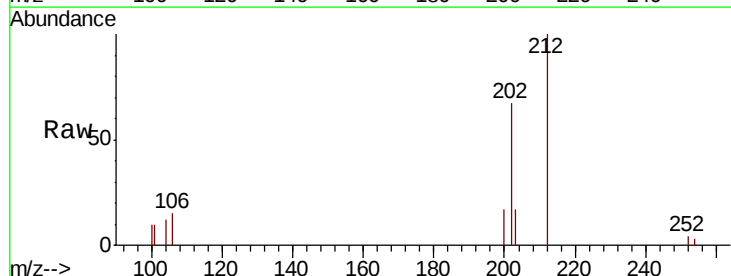
RT: 19.46 min Scan# 5258

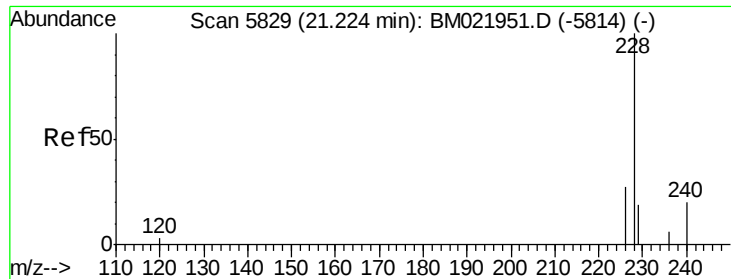
Delta R.T. -0.02 min

Lab File: BM021959.D

Acq: 09 Aug 2019 08:05

Tgt Ion:	202	Resp:	2641
Ion Ratio	Lower	Upper	
202	100		
101	14.7	8.3	12.5#
100	14.9	7.2	10.8#





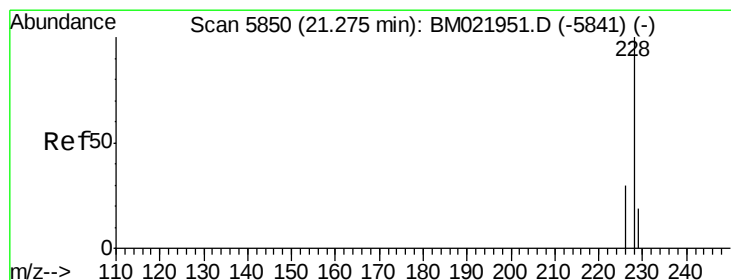
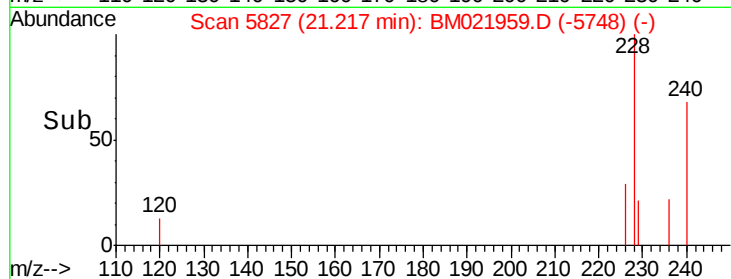
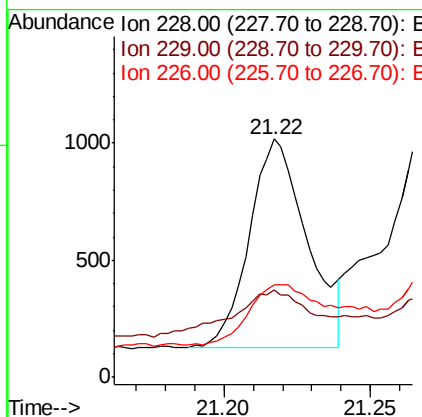
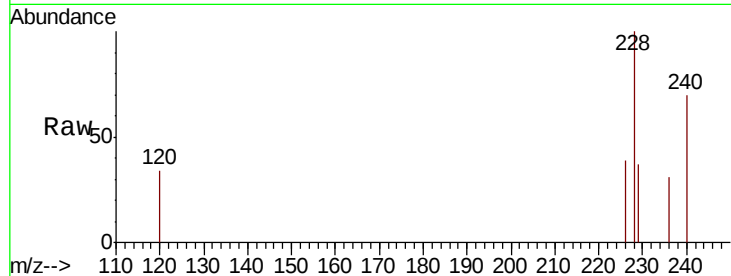
#18
Benzo(a)anthracene
Concen: 0.066 ng/ul
RT: 21.22 min Scan# 5827
Delta R.T. -0.01 min
Lab File: BM021959.D
Acq: 09 Aug 2019 08:05

Instrument :
BNA_M
ClientSampled :
JLLE4

Tot Ion	Ratio	Lower	Upper
228	100		
229	36.6	17.2	25.8#
226	38.9	22.6	34.0#

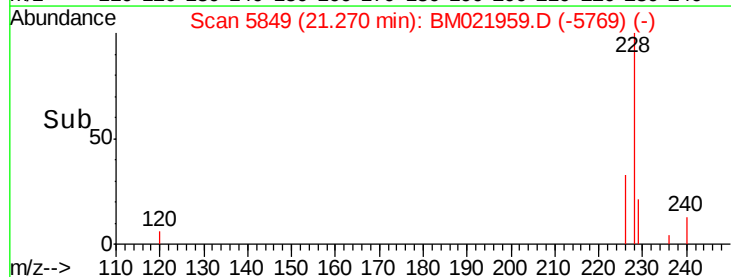
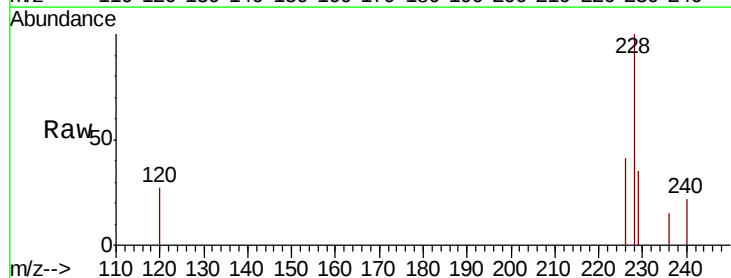
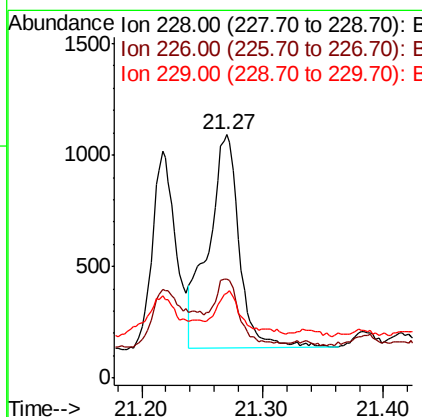
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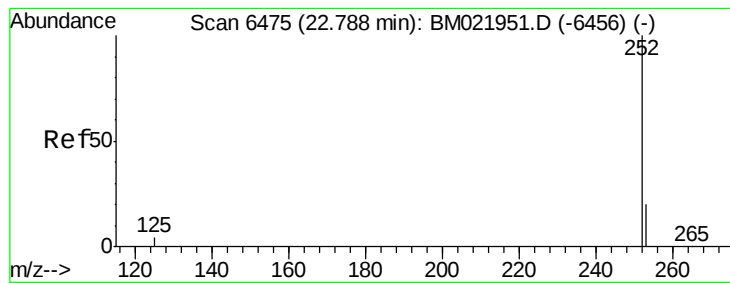
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#19
Chrysene
Concen: 0.072 ng/ul
RT: 21.27 min Scan# 5849
Delta R.T. -0.01 min
Lab File: BM021959.D
Acq: 09 Aug 2019 08:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	40.8	24.9	37.3#
229	34.8	16.6	25.0#





#21

Benzo(b)fluoranthene

Concen: 0.133 ng/ul m

RT: 22.78 min Scan# 6473

Delta R.T. -0.01 min

Lab File: BM021959.D

Acq: 09 Aug 2019 08:05

Instrument :

BNA_M

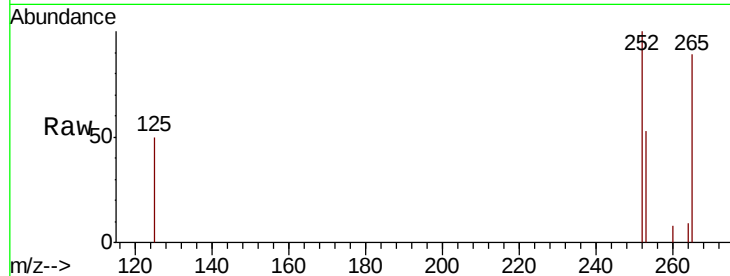
ClientSampleId :

JLLE4

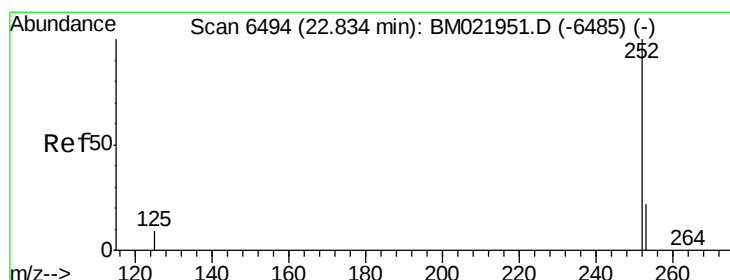
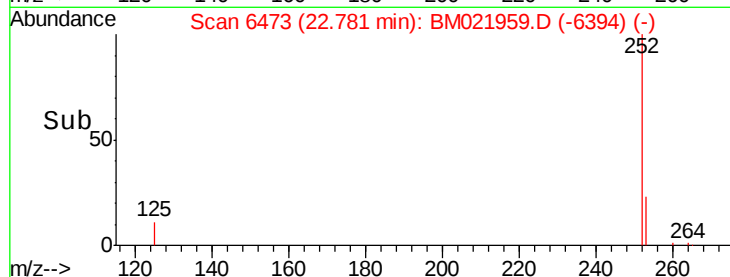
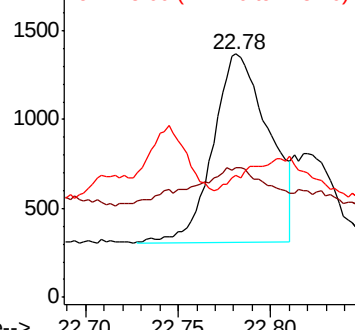
Tot Ion	Ratio	Lower	Upper
252	100		
253	53.2	0.0	67.4
125	49.9	0.0	31.0#

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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



#22

Benzo(k)fluoranthene

Concen: 0.043 ng/ul m

RT: 22.82 min Scan# 6489

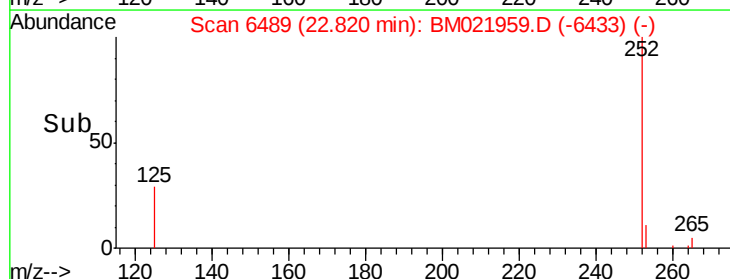
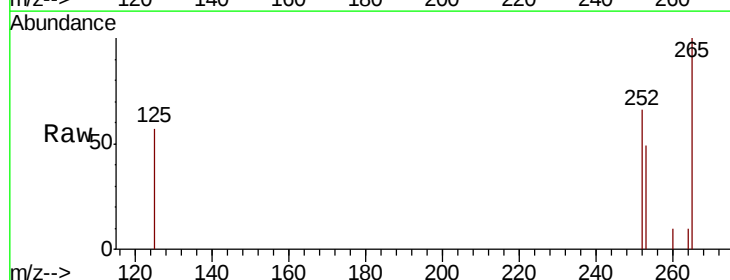
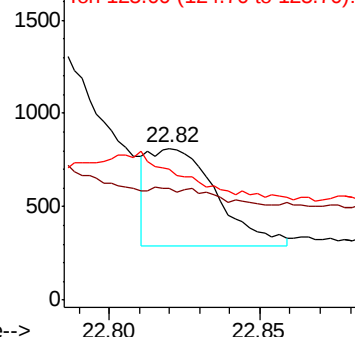
Delta R.T. -0.01 min

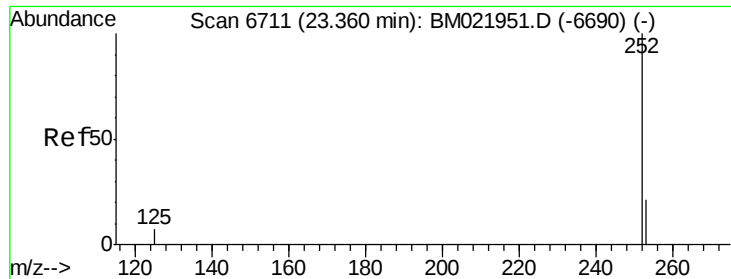
Lab File: BM021959.D

Acq: 09 Aug 2019 08:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	73.6	27.0	40.4#
125	86.5	12.2	18.2#

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





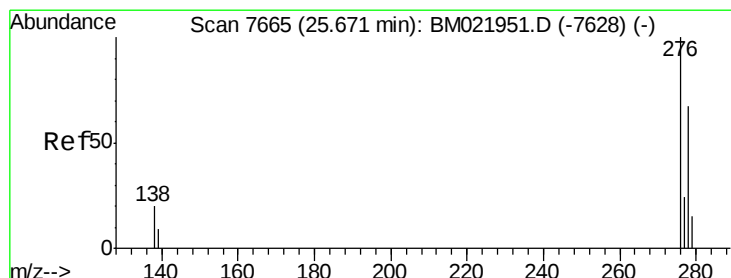
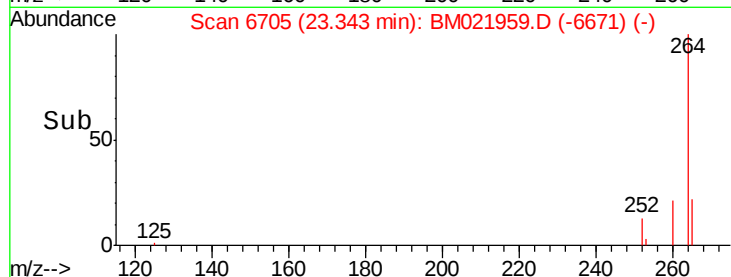
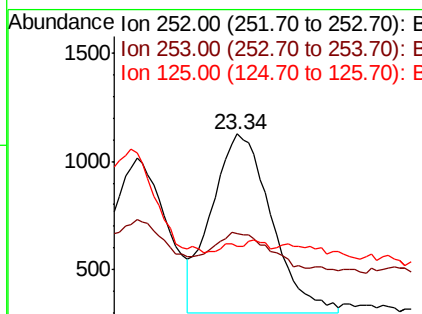
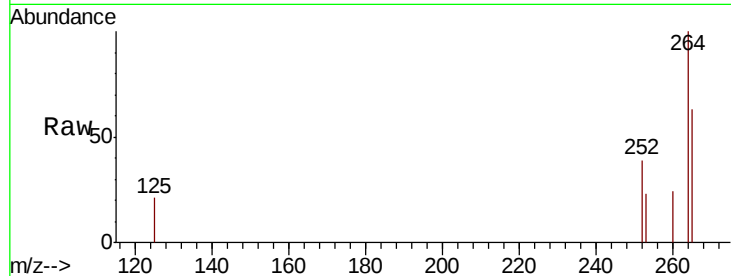
#23
Benzo(a)pyrene
Concen: 0.088 ng/ul m
RT: 23.34 min Scan# 6705
Delta R.T. -0.02 min
Lab File: BM021959.D
Acq: 09 Aug 2019 08:05

Instrument :
BNA_M
ClientSampleId :
JLLE4

Tot Ion	Ratio	Lower	Upper
252	100		
253	58.9	31.7	47.5#
125	53.7	14.6	21.8#

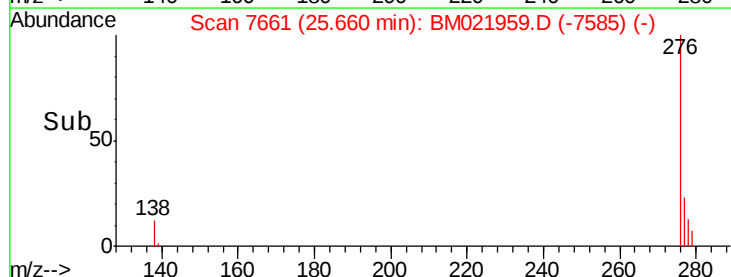
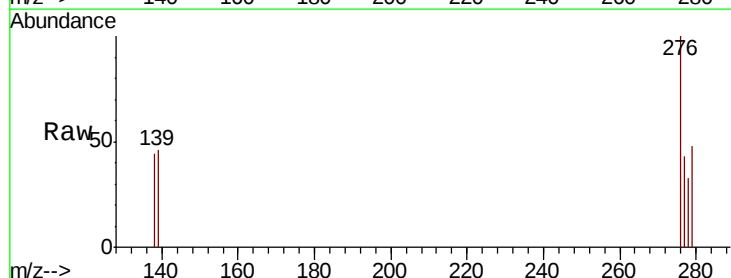
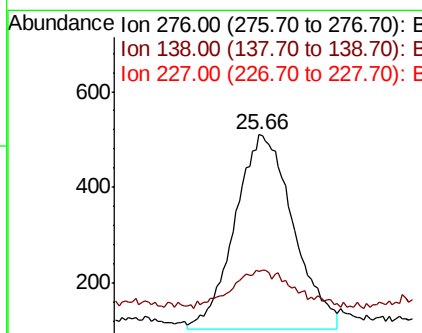
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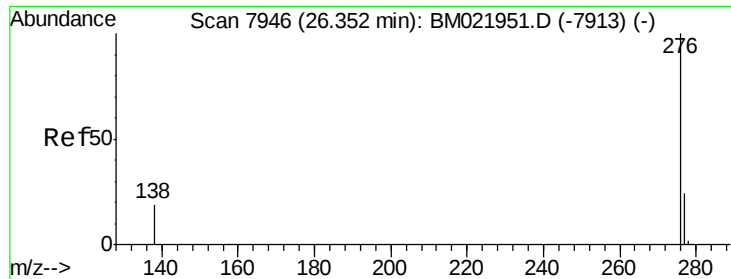
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#24
Indeno(1,2,3-cd)pyrene
Concen: 0.060 ng/ul m
RT: 25.66 min Scan# 7661
Delta R.T. -0.02 min
Lab File: BM021959.D
Acq: 09 Aug 2019 08:05

Tgt Ion	Ratio	Lower	Upper
276	100		
138	1.5	15.1	22.7#
227	0.0	0.0	0.0





#26
 Benzo(a,h,i)perylene
 Concen: 0.071 ng/ul m
 RT: 26.34 min Scan# 7943
 Delta R.T. -0.01 min
 Lab File: BM021959.D
 Acq: 09 Aug 2019 08:05

Instrument :
 BNA_M
 ClientSampleId :
 JLLE4

Tot Ion	Ratio	Lower	Upper
276	100		
138	41.4	15.5	23.3#
277	40.5	21.4	32.2#

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