

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080219\
 Data File : BM021771.D
 Acq On : 03 Aug 2019 00:01
 Operator : HP/JU
 Sample : MDL-W-02
 Misc : 0.07PPM
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-W-02

Manual Integrations
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mohammad
 8/5/2019 8:34:46 AM

Quant Time: Aug 03 06:38:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 03 05:33:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	756	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	3352	0.40	ng/ul	0.06
6) Acenaphthene-d10	14.33	164	1617	0.40	ng/ul	0.02
10) Phenanthrene-d10	17.10	188	2850	0.40	ng/ul	0.03
16) Chrysene-d12	21.28	240	2010	0.40	ng/ul	0.01
20) Perylene-d12	23.50	264	1944	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.13	152	1545	0.35	ng/ul	0.06
14) Fluoranthene-d10	19.11	212	2378	0.36	ng/ul	0.01
Target Compounds				Ovalue		
3) Naphthalene	10.57	128	547	0.058	ng/ul#	34
5) 2-Methylnaphthalene	12.21	142	313	0.058	ng/ul	88
7) Acenaphthylene	14.07	152	435	0.054	ng/ul#	50
8) Acenaphthene	14.40	153	419	0.061	ng/ul	93
9) Fluorene	15.42	166	388	0.054	ng/ul#	90
11) Pentachlorophenol	16.81	266	30m	0.075	ng/ul	
12) Phenanthrene	17.14	178	543	0.057	ng/ul#	65
13) Anthracene	17.25	178	379	0.052	ng/ul#	55
15) Fluoranthene	19.15	202	613	0.065	ng/ul	65
17) Pyrene	19.52	202	648	0.073	ng/ul#	72
18) Benzo(a)anthracene	21.27	228	410	0.068	ng/ul#	78
19) Chrysene	21.31	228	837	0.083	ng/ul#	83
21) Benzo(b)fluoranthene	22.84	252	631	0.073	ng/ul#	30
22) Benzo(k)fluoranthene	22.89	252	451m	0.049	ng/ul	
23) Benzo(a)pyrene	23.43	252	450	0.066	ng/ul#	6
24) Indeno(1,2,3-cd)pyrene	25.80	276	398	0.051	ng/ul#	45
25) Dibenzo(a,h)anthracene	25.83	278	268	0.044	ng/ul#	8
26) Benzo(g,h,i)perylene	26.46	276	427	0.056	ng/ul#	46

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

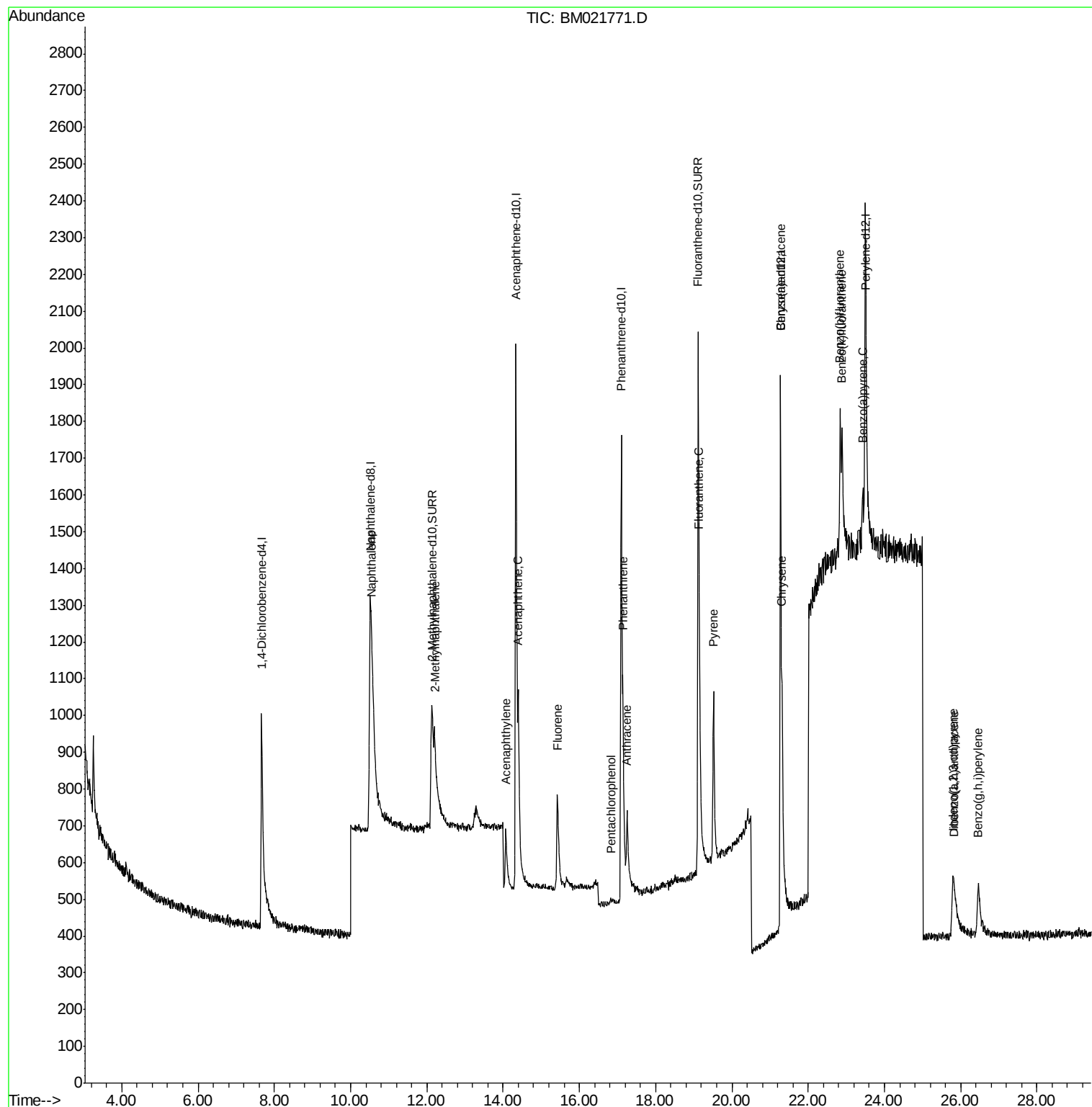
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080219\
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Misc : 0.07PPM
ALS Vial : 12 Sample Multiplier: 1

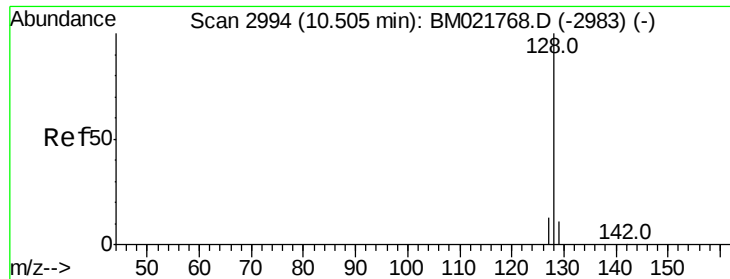
Instrument :
BNA_M
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MDL-W-02

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Quant Time: Aug 03 06:38:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080219.M
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#3

Naphthalene

Concen: 0.058 ng/ul

RT: 10.57 min Scan# 3007

Delta R.T. 0.06 min

Lab File: BM021771.D

Acq: 03 Aug 2019 00:01

Instrument :

BNA_M

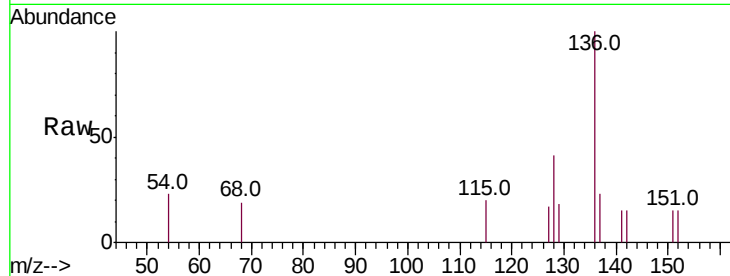
ClientSampleId :

MDL-W-02

Tot Ion:	128	Resp:	547
Ion	Ratio	Lower	Upper
128	100		
129	44.9	11.5	17.3#
127	41.5	13.1	19.7#

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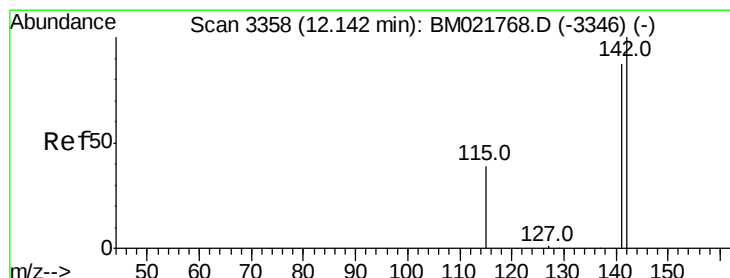
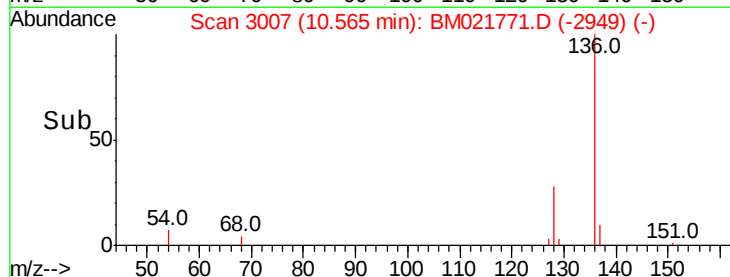
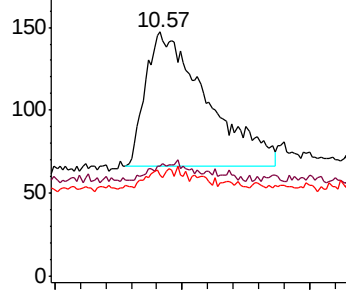
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.058 ng/ul

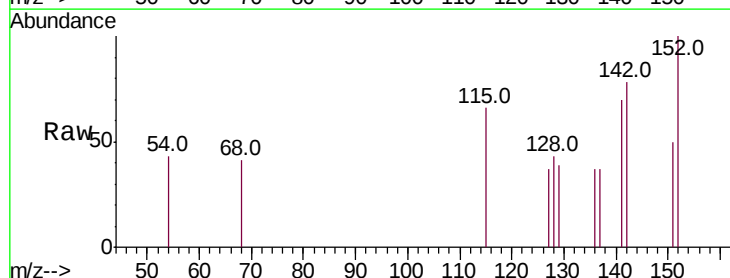
RT: 12.21 min Scan# 3373

Delta R.T. 0.07 min

Lab File: BM021771.D

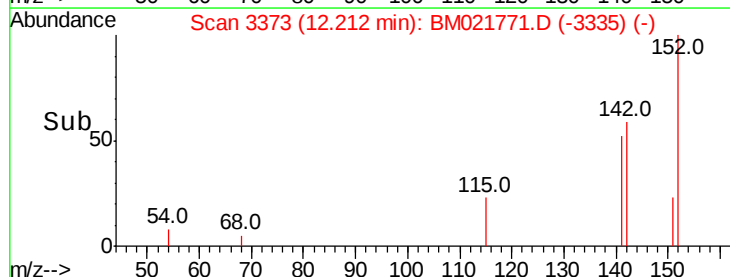
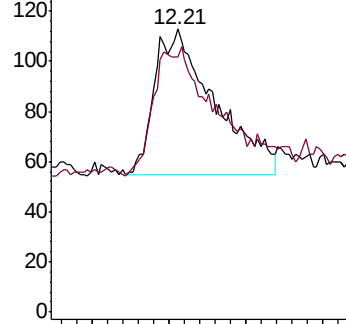
Acq: 03 Aug 2019 00:01

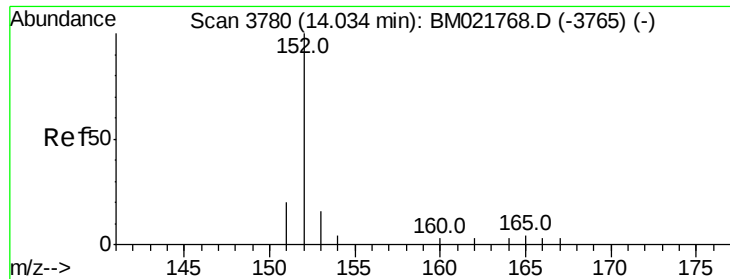
Tgt Ion:	142	Resp:	313
Ion	Ratio	Lower	Upper
142	100		
141	101.6	72.0	108.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.054 ng/ul

RT: 14.07 min Scan# 3788

Delta R.T. 0.03 min

Lab File: BM021771.D

Acq: 03 Aug 2019 00:01

Instrument :

BNA_M

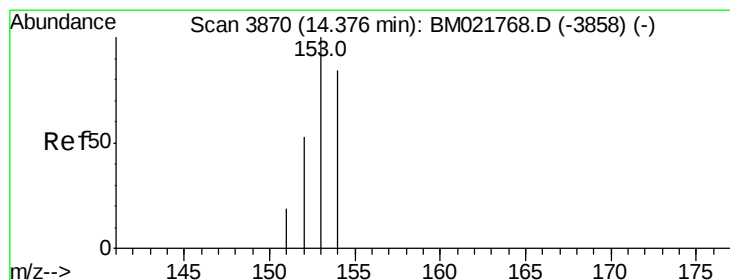
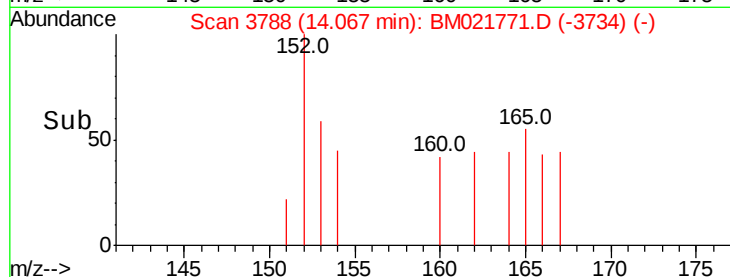
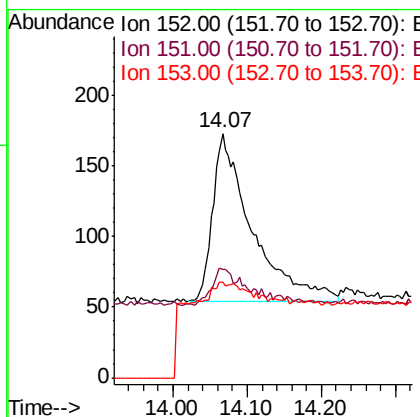
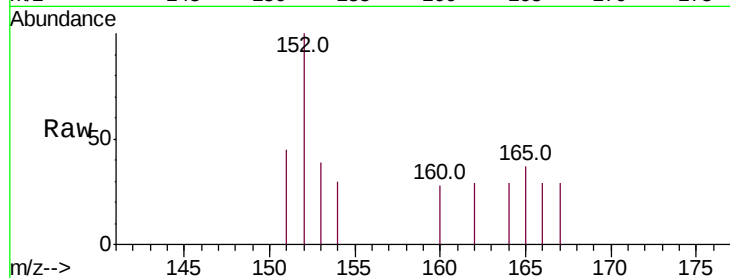
ClientSampleId :

MDL-W-02

Tot Ion:	152	Resp:	435
Ion Ratio	Lower	Upper	
152	100		
151	44.5	17.8	26.6#
153	39.3	12.6	18.8#

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#8

Acenaphthene

Concen: 0.061 ng/ul

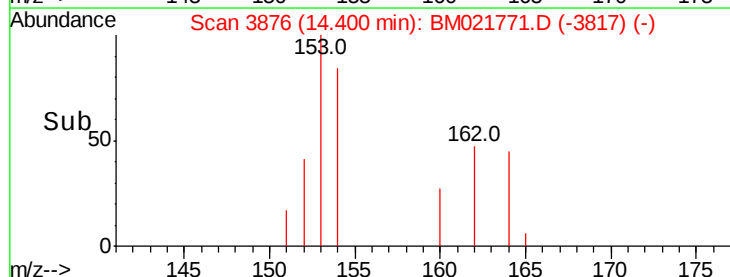
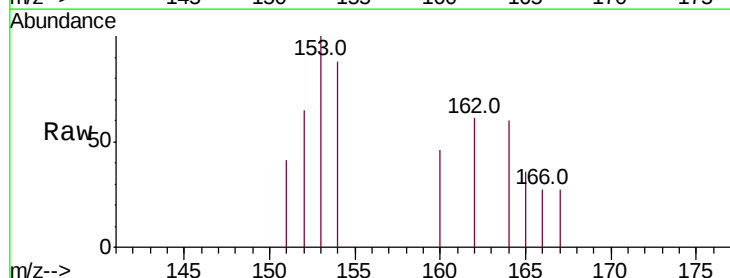
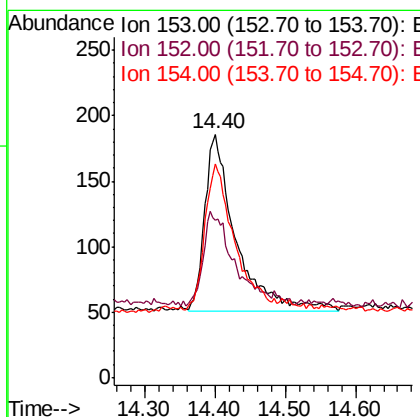
RT: 14.40 min Scan# 3876

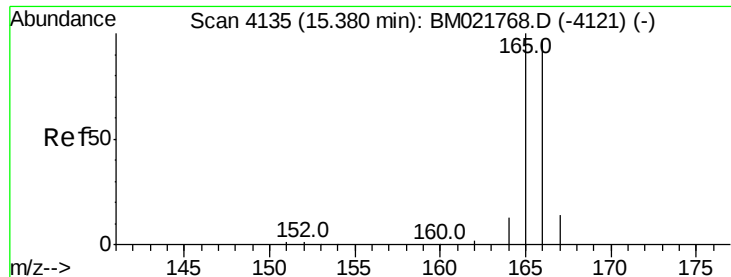
Delta R.T. 0.02 min

Lab File: BM021771.D

Acq: 03 Aug 2019 00:01

Tgt Ion:	153	Resp:	419
Ion Ratio	Lower	Upper	
153	100		
152	64.5	44.0	66.0
154	87.6	68.0	102.0





#9

Fluorene

Concen: 0.054 ng/ul

RT: 15.42 min Scan# 4146

Delta R.T. 0.04 min

Lab File: BM021771.D

Acq: 03 Aug 2019 00:01

Instrument :

BNA_M

ClientSampleId :

MDL-W-02

Tot Ion:166 Resp: 388

Ion Ratio Lower Upper

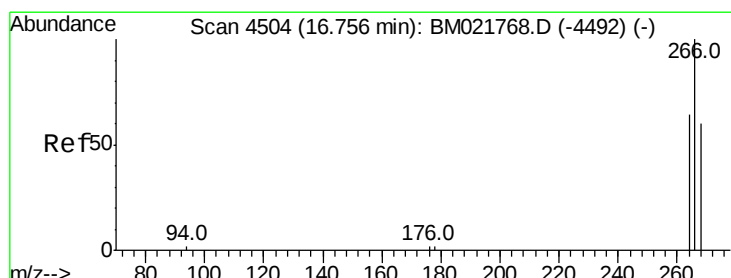
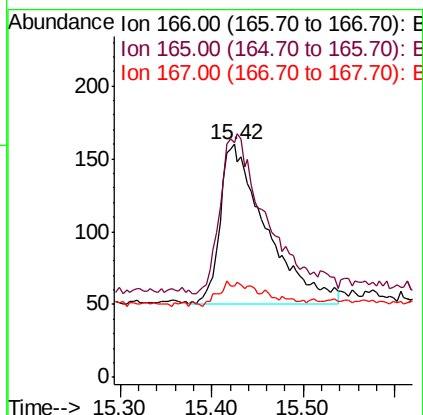
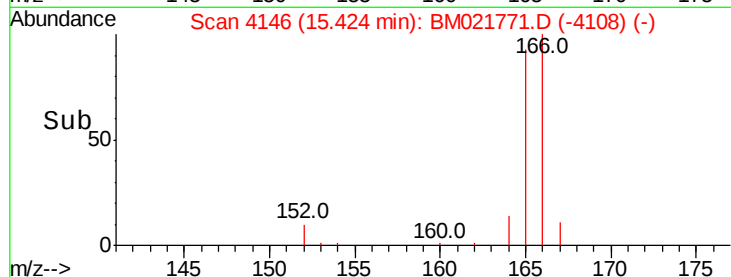
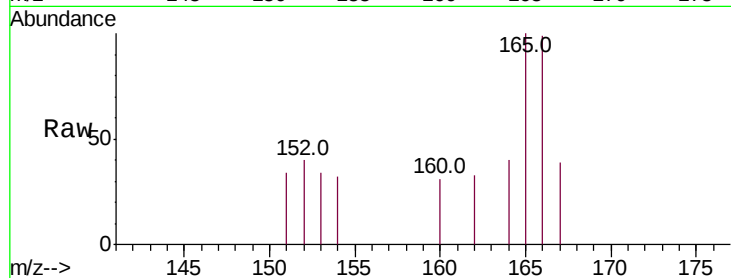
166 100

165 100.6 83.0 124.4

167 39.4 13.4 20.2#

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#11

Pentachlorophenol

Concen: 0.075 ng/ul m

RT: 16.81 min Scan# 4520

Delta R.T. 0.06 min

Lab File: BM021771.D

Acq: 03 Aug 2019 00:01

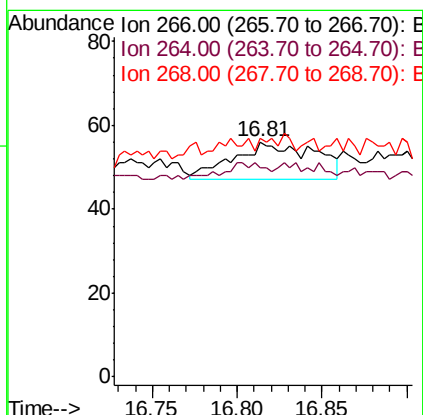
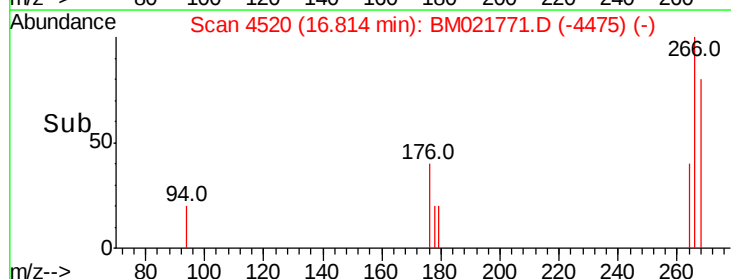
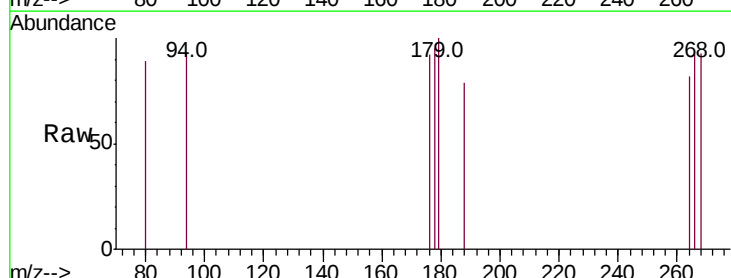
Tgt Ion:266 Resp: 30

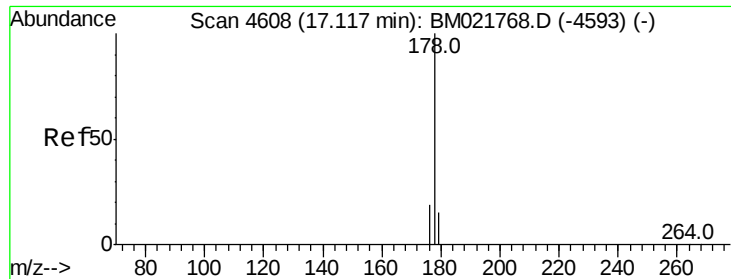
Ion Ratio Lower Upper

266 100

264 0.0 50.9 76.3#

268 3.3 45.4 68.2#





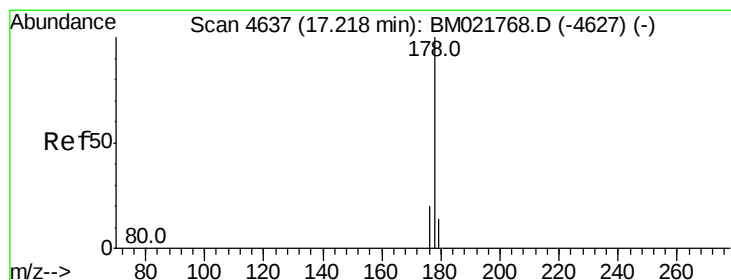
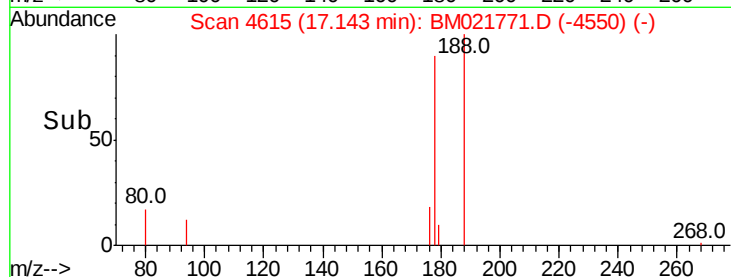
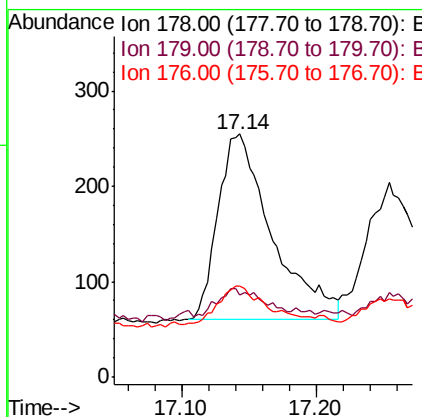
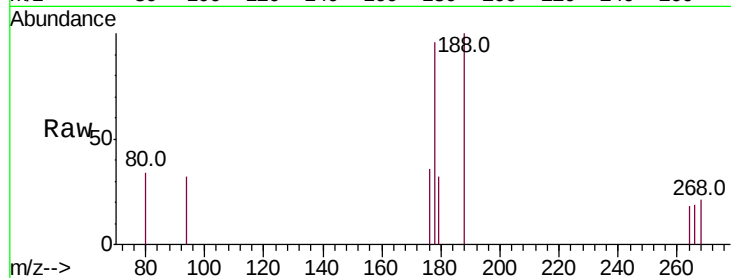
#12
Phenanthrene
Concen: 0.057 ng/ul
RT: 17.14 min Scan# 4615
Delta R.T. 0.03 min
Lab File: BM021771.D
Acq: 03 Aug 2019 00:01

Instrument :
BNA_M
ClientSampled :
MDL-W-02

Tot Ion	Ratio	Lower	Upper
178	100		
179	33.7	14.0	21.0#
176	37.3	17.0	25.6#

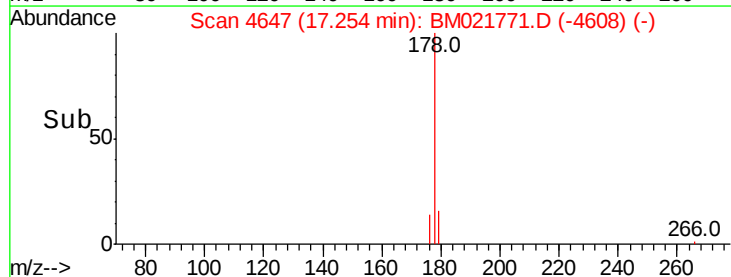
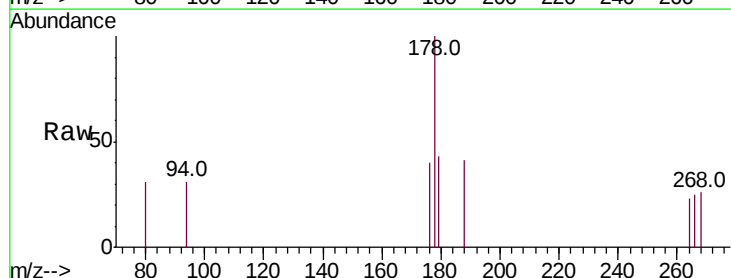
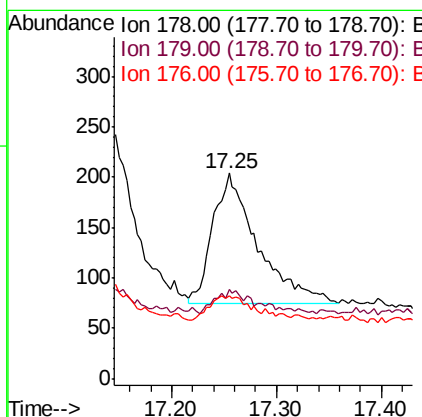
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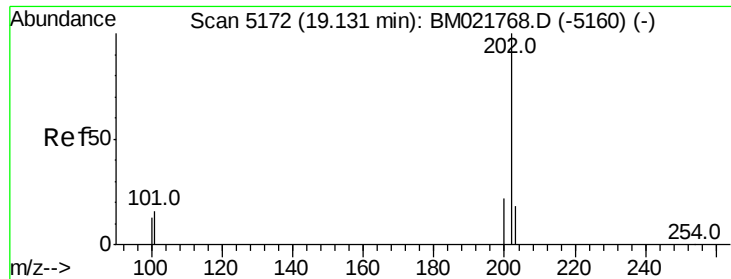
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#13
Anthracene
Concen: 0.052 ng/ul
RT: 17.25 min Scan# 4647
Delta R.T. 0.04 min
Lab File: BM021771.D
Acq: 03 Aug 2019 00:01

Tgt Ion	Ratio	Lower	Upper
178	100		
179	43.1	14.5	21.7#
176	40.2	18.1	27.1#





#15

Fluoranthene

Concen: 0.065 ng/ul

RT: 19.15 min Scan# 5176

Delta R.T. 0.02 min

Lab File: BM021771.D

Acq: 03 Aug 2019 00:01

Instrument :

BNA_M

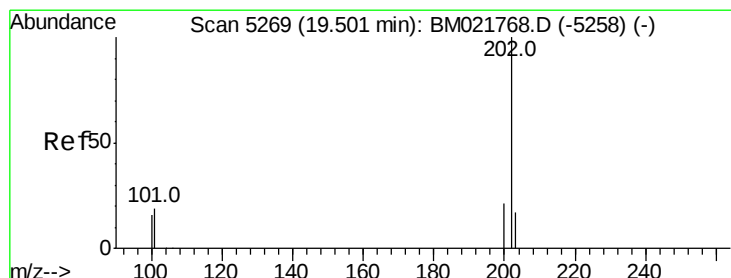
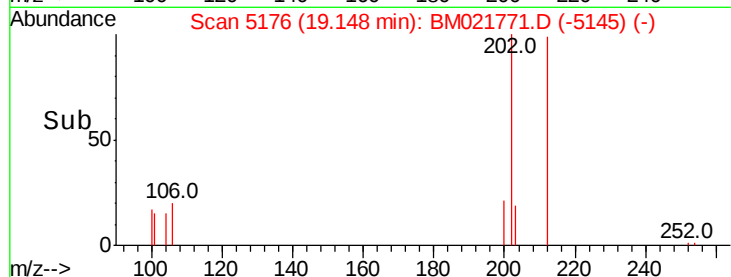
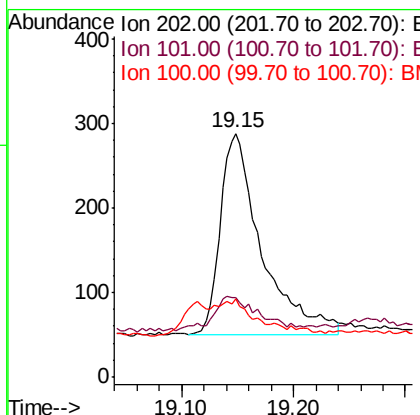
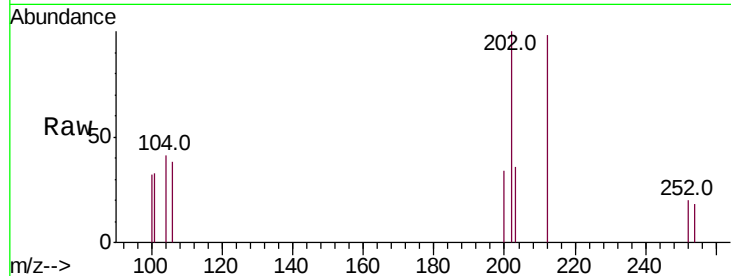
ClientSampleId :

MDL-W-02

Tot Ion:	202	Resp:	613
Ion Ratio	Lower	Upper	
202	100		
101	32.6	0.0	38.6
100	31.9	0.0	35.6

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#17

Pyrene

Concen: 0.073 ng/ul

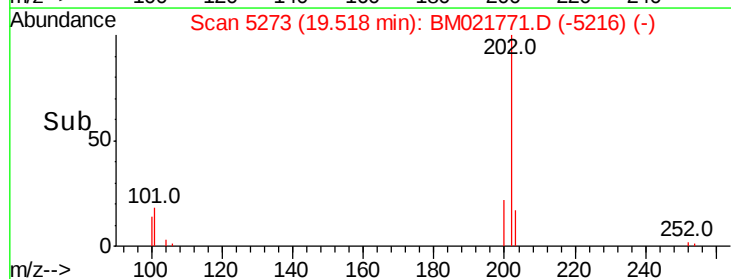
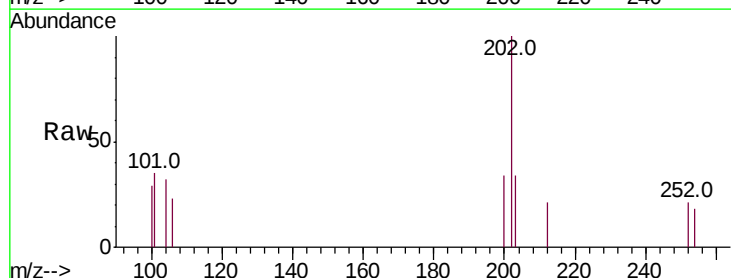
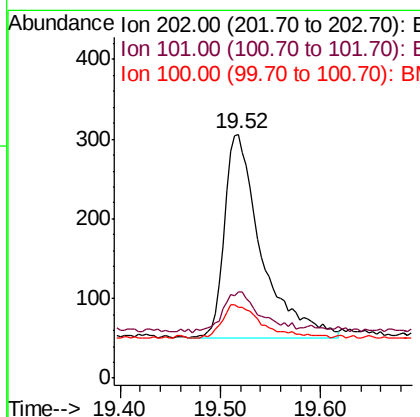
RT: 19.52 min Scan# 5273

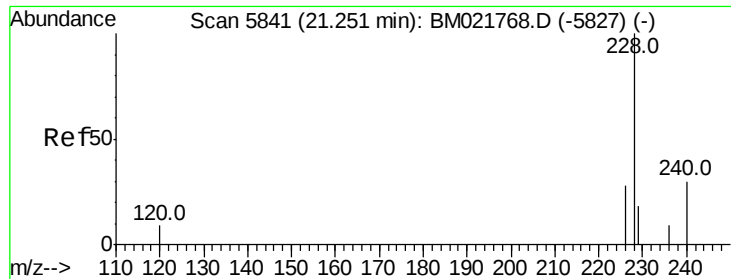
Delta R.T. 0.02 min

Lab File: BM021771.D

Acq: 03 Aug 2019 00:01

Tgt Ion:	202	Resp:	648
Ion Ratio	Lower	Upper	
202	100		
101	35.3	17.0	25.6#
100	29.1	14.3	21.5#





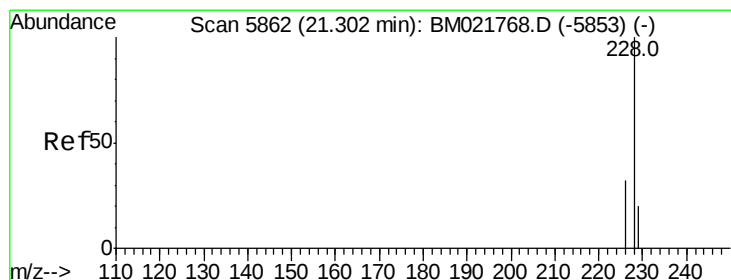
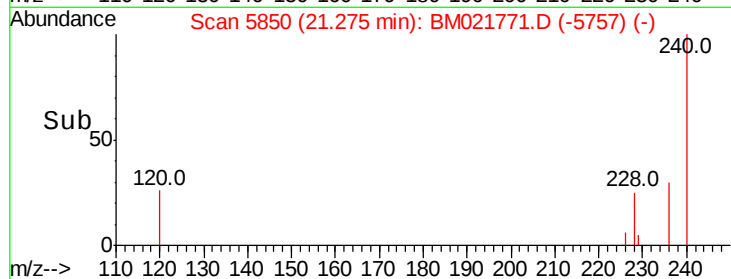
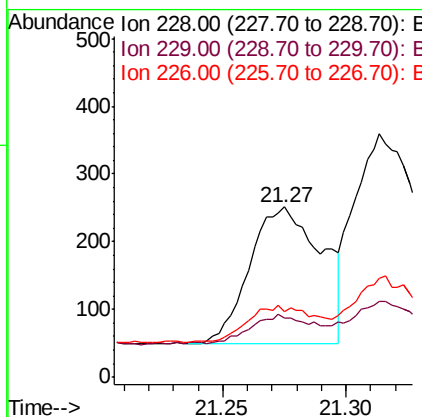
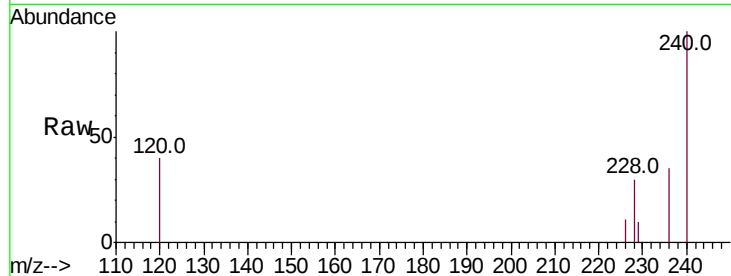
#18
Benzo(a)anthracene
Concen: 0.068 ng/ul
RT: 21.27 min Scan# 5850
Delta R.T. 0.02 min
Lab File: BM021771.D
Acq: 03 Aug 2019 00:01

Instrument :
BNA_M
ClientSampleId :
MDL-W-02

Tot Ion	Ratio	Lower	Upper
228	100		
229	35.1	16.6	24.8#
226	38.6	24.2	36.2#

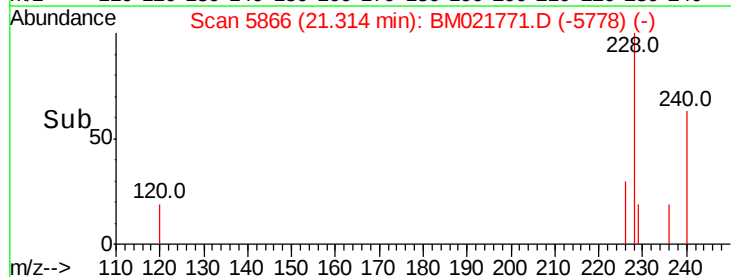
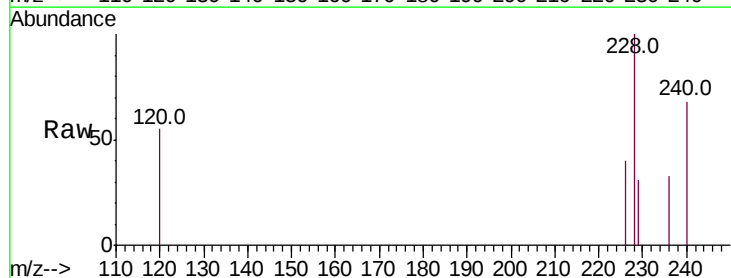
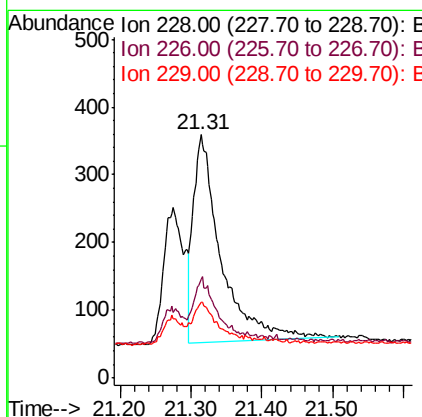
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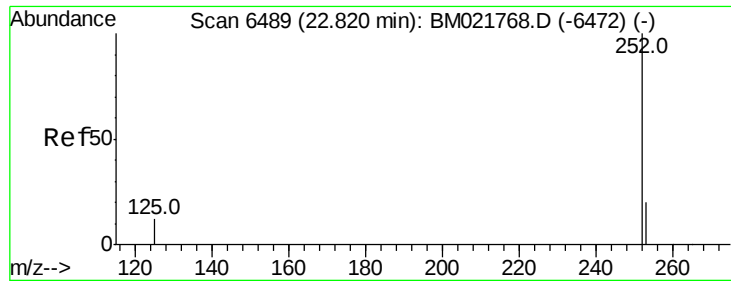
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#19
Chrysene
Concen: 0.083 ng/ul
RT: 21.31 min Scan# 5866
Delta R.T. 0.01 min
Lab File: BM021771.D
Acq: 03 Aug 2019 00:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	40.4	25.6	38.4#
229	30.9	17.6	26.4#





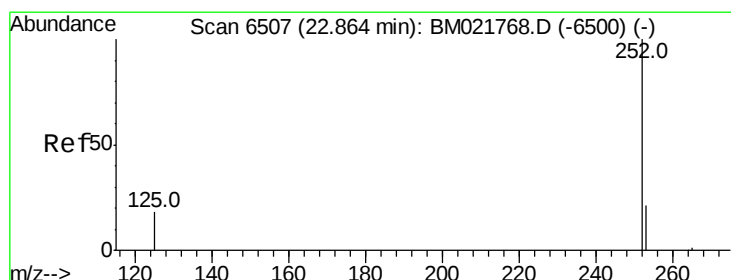
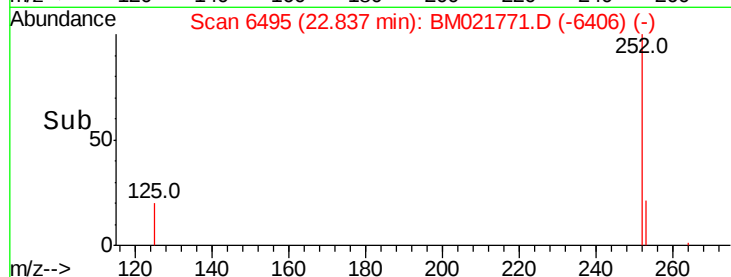
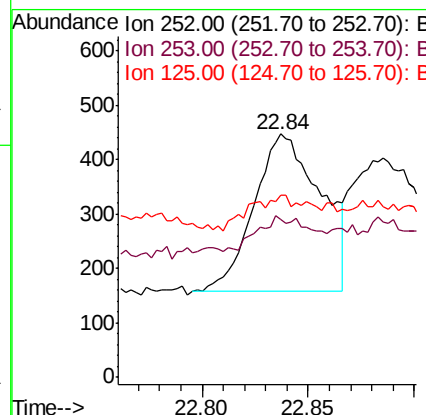
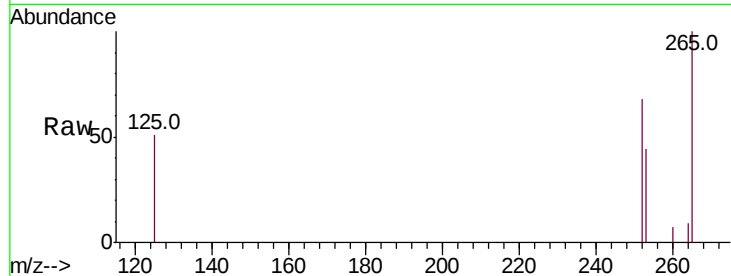
#21
Benzo(b)fluoranthene
Concen: 0.073 ng/uL
RT: 22.84 min Scan# 6495
Delta R.T. 0.02 min
Lab File: BM021771.D
Acq: 03 Aug 2019 00:01

Instrument :
BNA_M
ClientSampleId :
MDL-W-02

Tot Ion	Ratio	Lower	Upper
252	100		
253	64.9	0.0	62.8#
125	74.9	0.0	62.2#

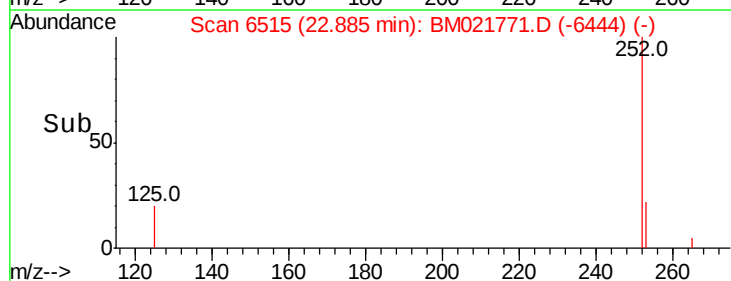
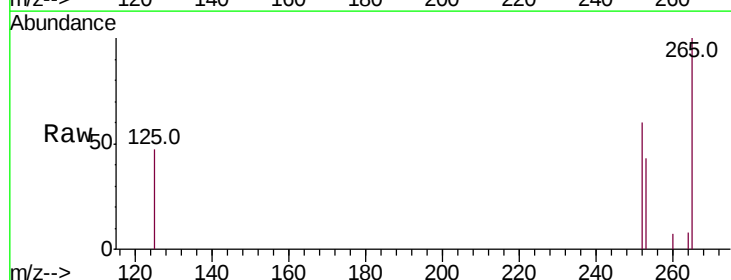
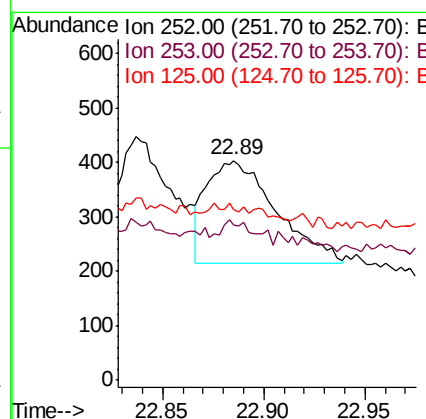
Manual Integrations
APPROVED

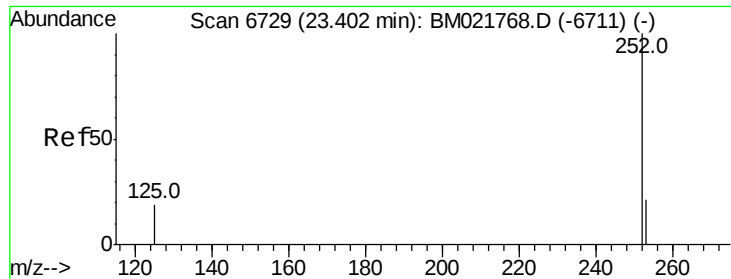
mohammad
8/5/2019 8:34:46 AM



#22
Benzo(k)fluoranthene
Concen: 0.049 ng/uL m
RT: 22.89 min Scan# 6515
Delta R.T. 0.02 min
Lab File: BM021771.D
Acq: 03 Aug 2019 00:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	70.7	25.8	38.8#
125	77.7	27.0	40.4#





#23

Benzo(a)pyrene

Concen: 0.066 ng/u1

RT: 23.43 min Scan# 6738

Delta R.T. 0.02 min

Lab File: BM021771.D

Acq: 03 Aug 2019 00:01

Instrument :

BNA_M

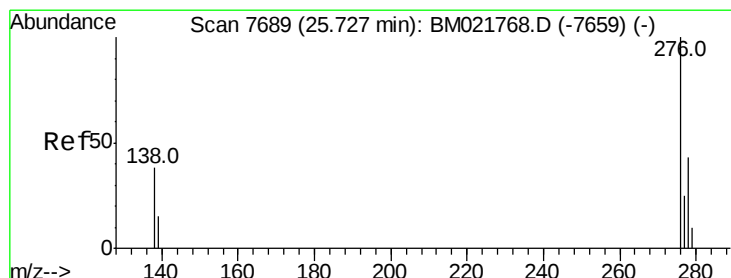
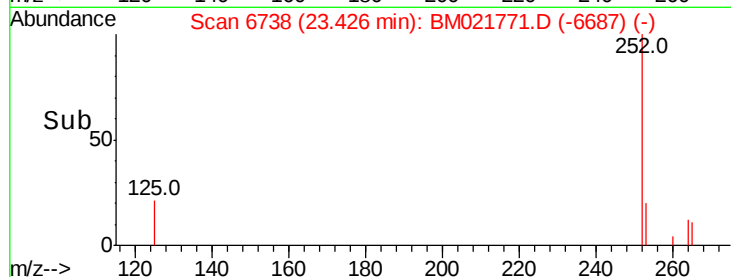
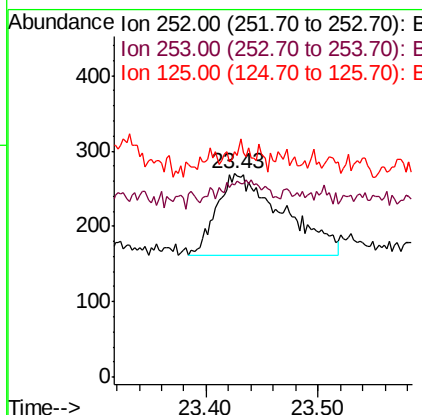
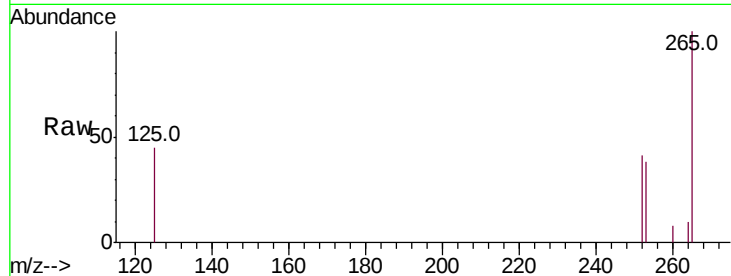
ClientSampled :

MDL-W-02

Tot Ion:	252	Resp:	450
Ion Ratio	Lower	Upper	
252	100		
253	94.4	32.4	48.6#
125	110.7	35.9	53.9#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.051 ng/u1

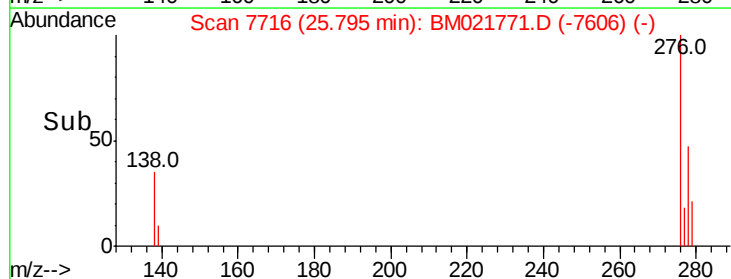
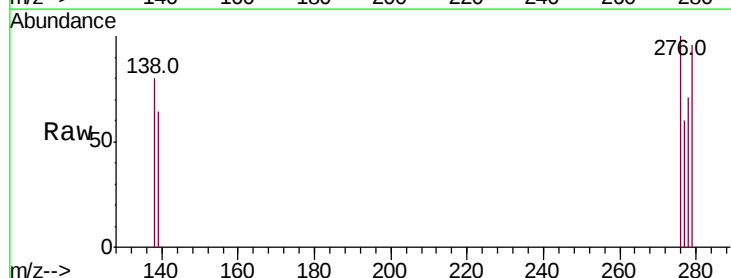
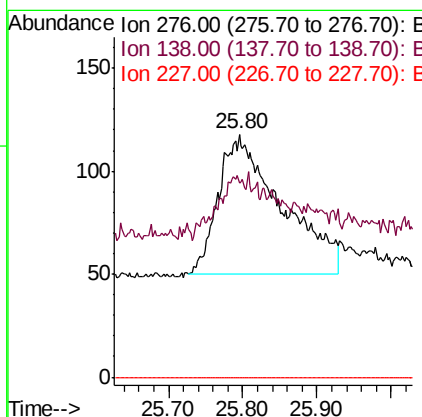
RT: 25.80 min Scan# 7716

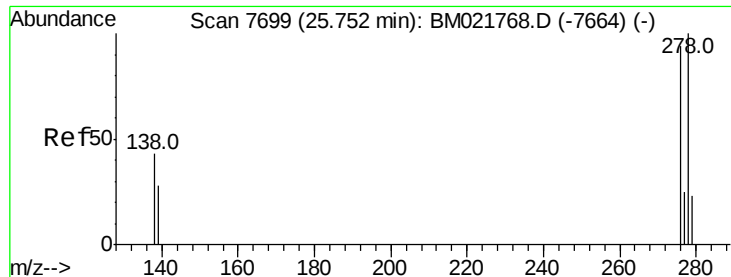
Delta R.T. 0.07 min

Lab File: BM021771.D

Acq: 03 Aug 2019 00:01

Tgt Ion:	276	Resp:	398
Ion Ratio	Lower	Upper	
276	100		
138	7.3	33.8	50.8#
227	0.0	0.0	0.0





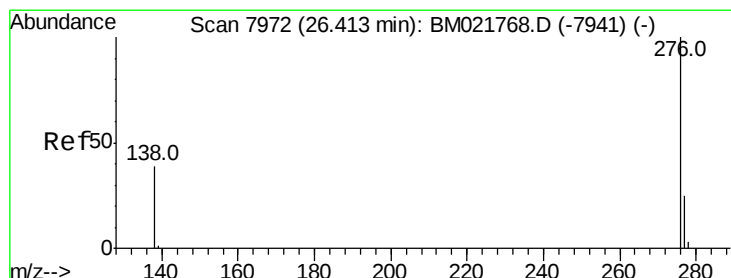
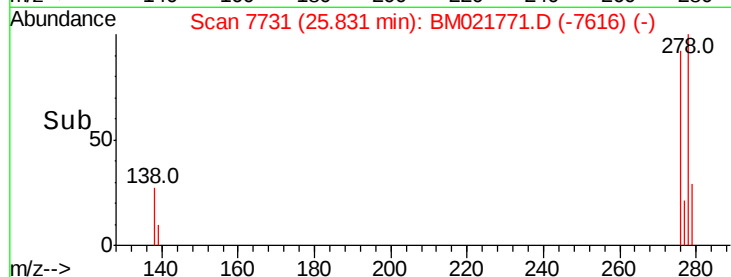
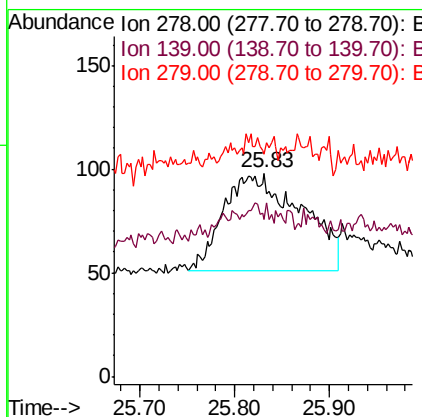
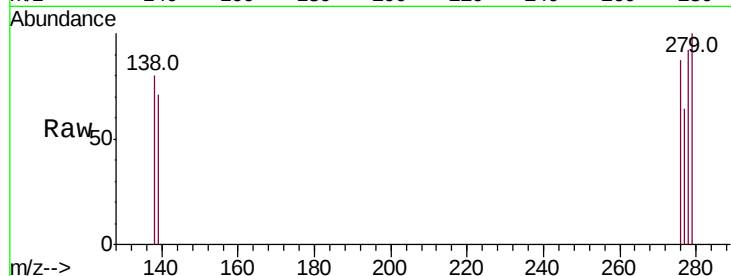
#25
Dibenzo(a,h)anthracene
Concen: 0.044 ng/ul
RT: 25.83 min Scan# 7731
Delta R.T. 0.08 min
Lab File: BM021771.D
Acq: 03 Aug 2019 00:01

Instrument :
BNA_M
ClientSampleId :
MDL-W-02

Tot Ion	Ratio	Lower	Upper
278	100		
139	77.6	29.5	44.3#
279	109.2	31.1	46.7#

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#26
Benzo(g,h,i)perylene
Concen: 0.056 ng/ul
RT: 26.46 min Scan# 7991
Delta R.T. 0.05 min
Lab File: BM021771.D
Acq: 03 Aug 2019 00:01

Tgt Ion	Ratio	Lower	Upper
276	100		
138	82.0	36.2	54.2#
277	57.9	24.2	36.2#

