

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080219\
 Data File : BM021776.D
 Acq On : 03 Aug 2019 05:58
 Operator : HP/JU
 Sample : MDL-W-07
 Misc : 0.07PPM
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-W-07

Manual Integrations
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mohammad
 8/5/2019 8:35:13 AM

Quant Time: Aug 03 07:30:56 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	624	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	2882	0.40	ng/ul	0.06
6) Acenaphthene-d10	14.33	164	1386	0.40	ng/ul	0.02
10) Phenanthrene-d10	17.10	188	2361	0.40	ng/ul	0.03
16) Chrysene-d12	21.27	240	1562	0.40	ng/ul	0.01
20) Perylene-d12	23.50	264	1547	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.13	152	1397	0.37	ng/ul	0.07
14) Fluoranthene-d10	19.11	212	2042	0.38	ng/ul	0.01
Target Compounds				Ovalue		
3) Naphthalene	10.58	128	568	0.070	ng/ul#	37
5) 2-Methylnaphthalene	12.20	142	349	0.075	ng/ul	82
7) Acenaphthylene	14.07	152	486	0.070	ng/ul#	54
8) Acenaphthene	14.40	153	429	0.073	ng/ul#	92
9) Fluorene	15.42	166	404	0.065	ng/ul#	90
11) Pentachlorophenol	16.81	266	27m	0.082	ng/ul	
12) Phenanthrene	17.14	178	593	0.075	ng/ul#	64
13) Anthracene	17.25	178	437	0.073	ng/ul#	59
15) Fluoranthene	19.14	202	619	0.079	ng/ul	61
17) Pyrene	19.52	202	658	0.095	ng/ul#	70
18) Benzo(a)anthracene	21.27	228	347	0.074	ng/ul#	72
19) Chrysene	21.32	228	730	0.093	ng/ul#	84
21) Benzo(b)fluoranthene	22.83	252	581	0.084	ng/ul#	28
22) Benzo(k)fluoranthene	22.88	252	499	0.069	ng/ul#	26
23) Benzo(a)pyrene	23.43	252	349	0.064	ng/ul#	12
24) Indeno(1,2,3-cd)pyrene	25.78	276	375	0.060	ng/ul#	63
25) Dibenzo(a,h)anthracene	25.80	278	327	0.067	ng/ul#	10
26) Benzo(g,h,i)perylene	26.45	276	447	0.074	ng/ul#	55

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

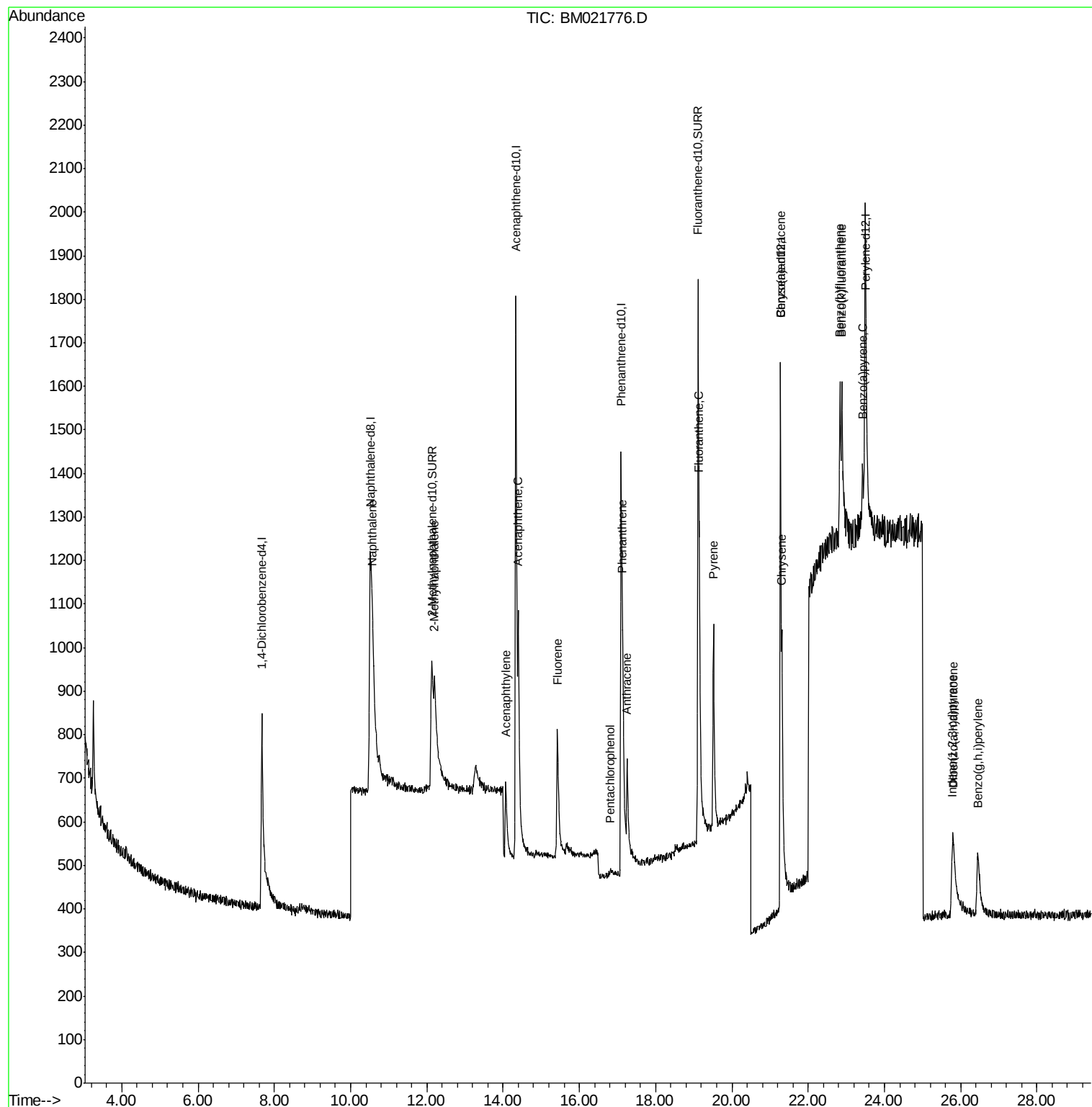
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080219\
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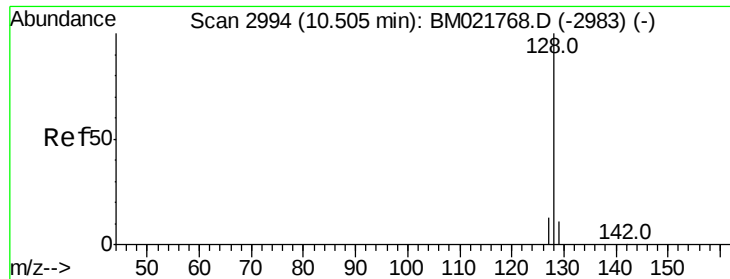
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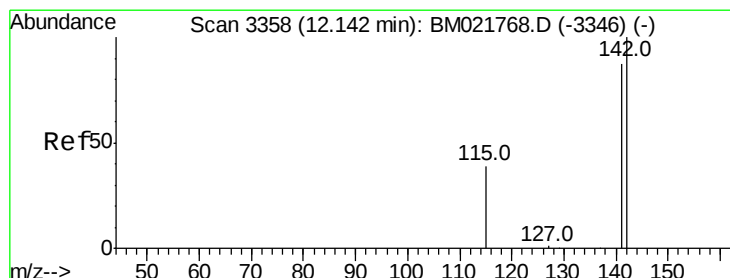
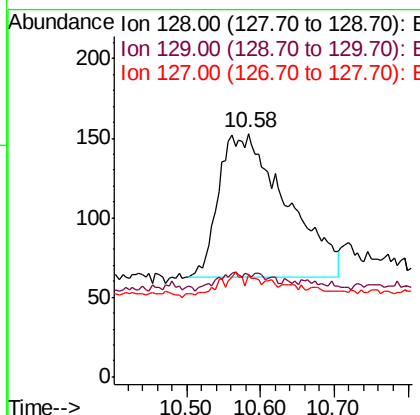
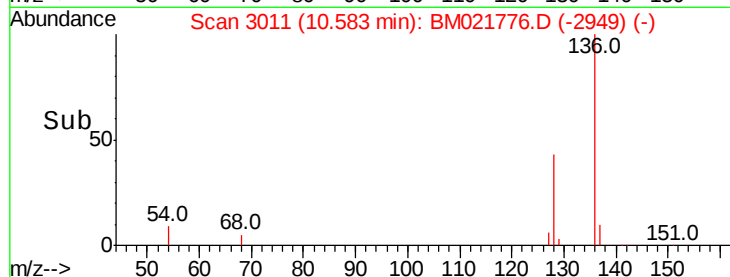
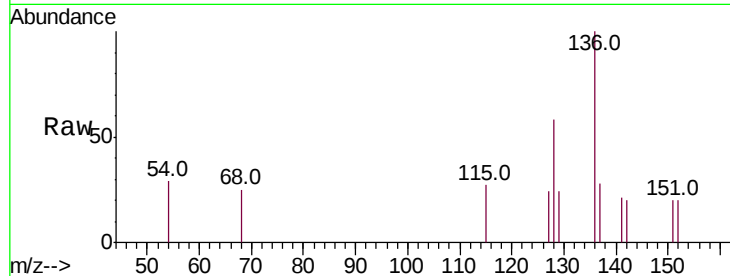
#3
Naphthalene
Concen: 0.070 ng/ul
RT: 10.58 min Scan# 3011
Delta R.T. 0.08 min
Lab File: BM021776.D
Acq: 03 Aug 2019 05:58

Instrument :
BNA_M
ClientSampleId :
MDL-W-07

Tot Ion	Ratio	Lower	Upper
128	100		
129	41.8	11.5	17.3#
127	41.8	13.1	19.7#

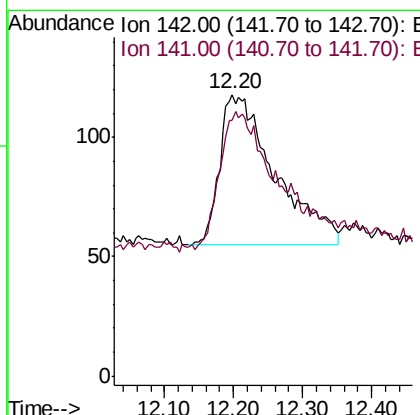
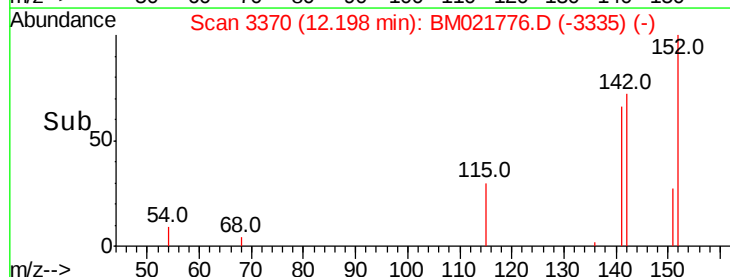
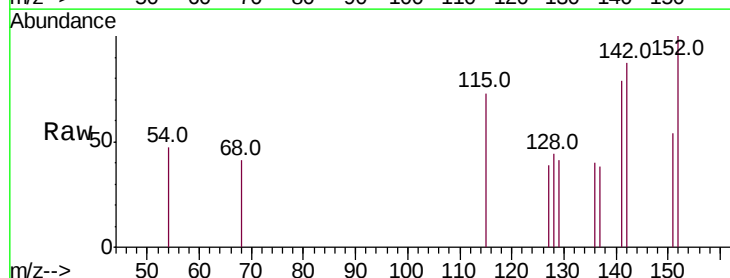
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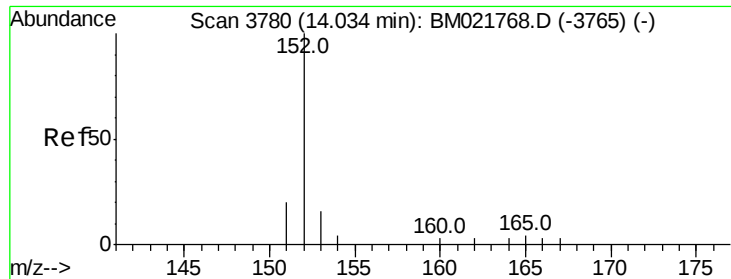
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#5
2-Methylnaphthalene
Concen: 0.075 ng/ul
RT: 12.20 min Scan# 3370
Delta R.T. 0.06 min
Lab File: BM021776.D
Acq: 03 Aug 2019 05:58

Tgt Ion	Ratio	Lower	Upper
142	100		
141	106.9	72.0	108.0





#7

Acenaphthylene

Concen: 0.070 ng/ul

RT: 14.07 min Scan# 3789

Delta R.T. 0.04 min

Lab File: BM021776.D

Acq: 03 Aug 2019 05:58

Instrument :

BNA_M

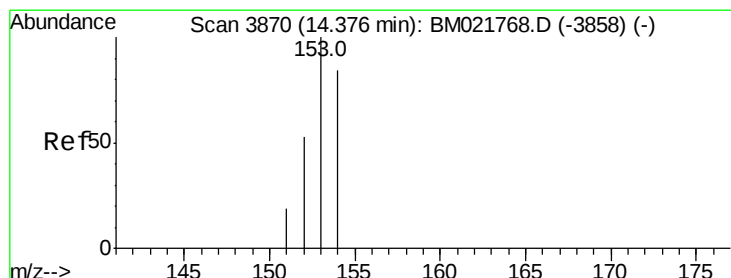
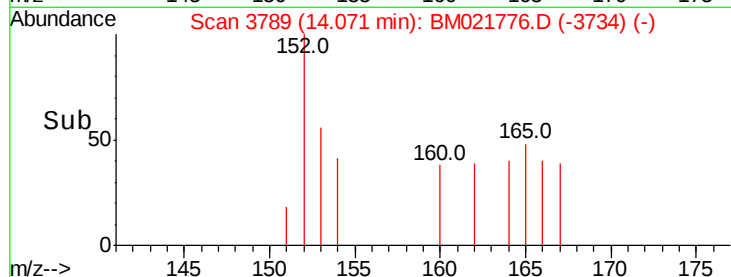
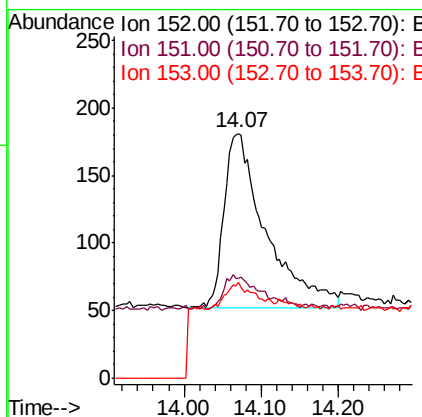
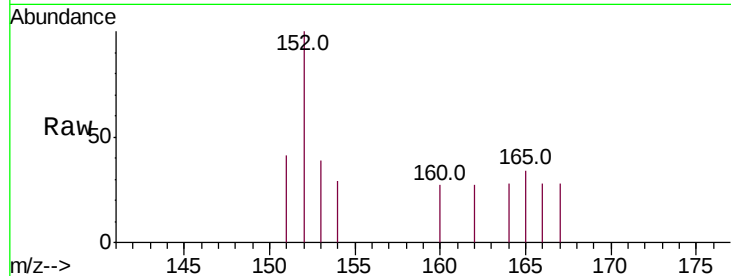
ClientSampleId :

MDL-W-07

Tot Ion:	152	Resp:	486
Ion Ratio	Lower	Upper	
152	100		
151	40.9	17.8	26.6#
153	39.2	12.6	18.8#

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#8

Acenaphthene

Concen: 0.073 ng/ul

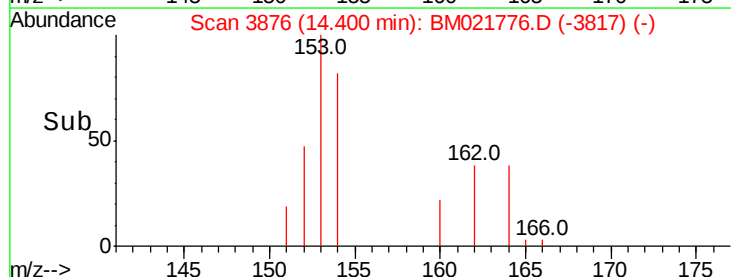
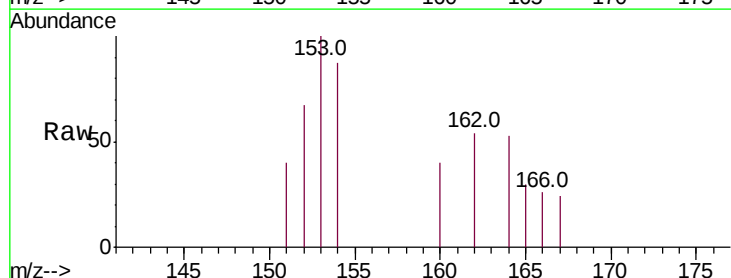
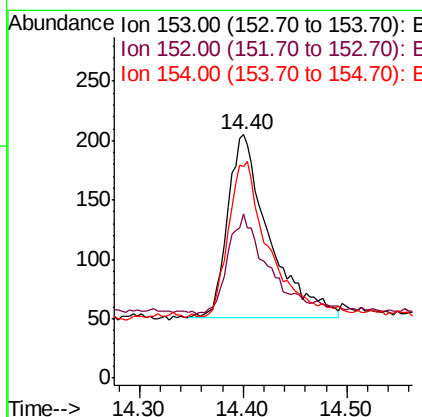
RT: 14.40 min Scan# 3876

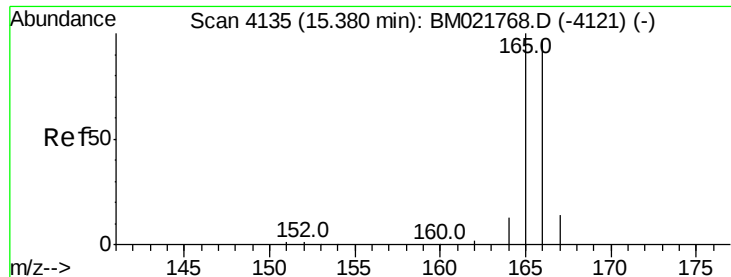
Delta R.T. 0.02 min

Lab File: BM021776.D

Acq: 03 Aug 2019 05:58

Tgt Ion:	153	Resp:	429
Ion Ratio	Lower	Upper	
153	100		
152	67.3	44.0	66.0#
154	86.8	68.0	102.0





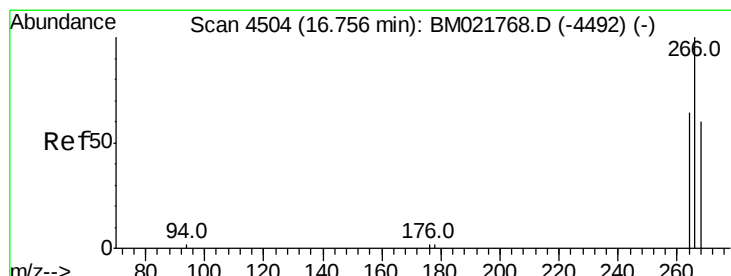
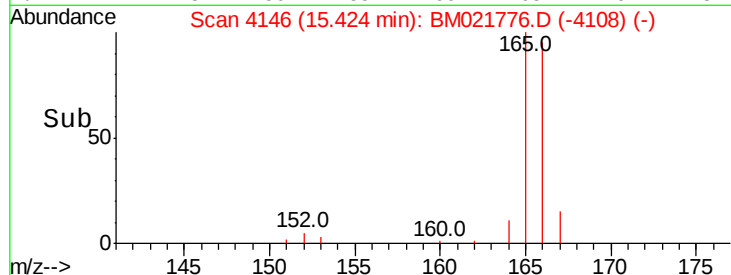
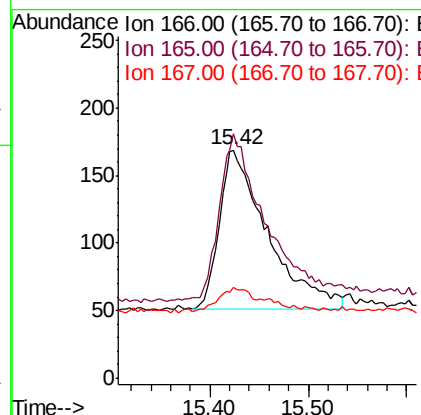
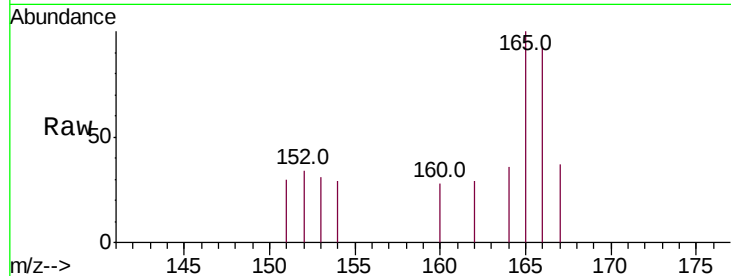
#9
Fluorene
 Concen: 0.065 ng/ul
 RT: 15.42 min Scan# 4146
 Delta R.T. 0.04 min
 Lab File: BM021776.D
 Acq: 03 Aug 2019 05:58

Instrument :
 BNA_M
 ClientSampleId :
 MDL-W-07

Tot Ion	Ratio	Lower	Upper
166	100		
165	107.1	83.0	124.4
167	39.6	13.4	20.2

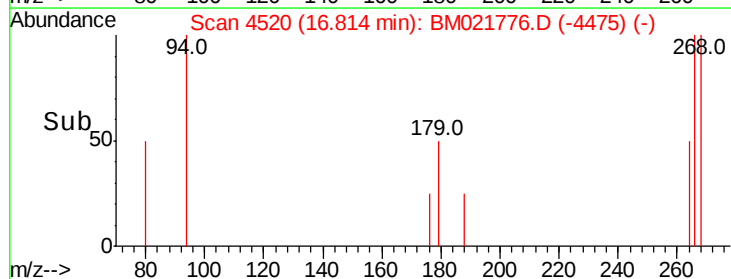
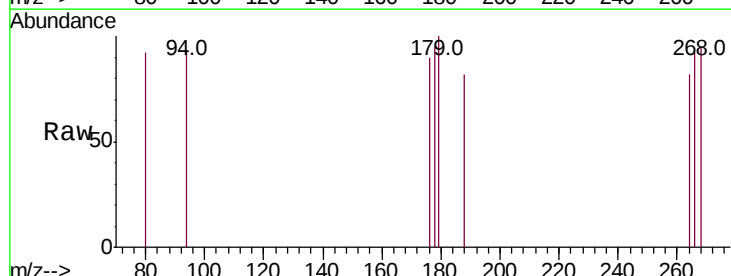
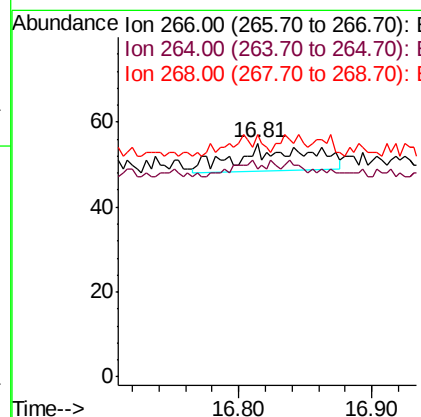
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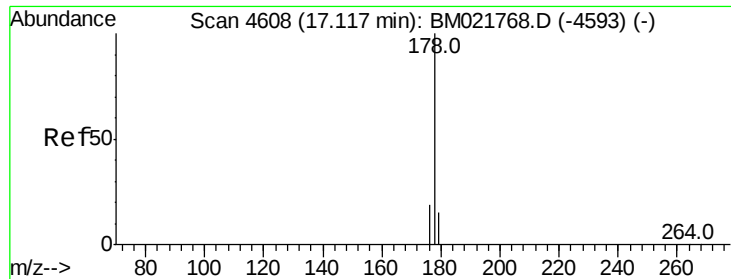
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#11
Pentachlorophenol
 Concen: 0.082 ng/ul m
 RT: 16.81 min Scan# 4520
 Delta R.T. 0.06 min
 Lab File: BM021776.D
 Acq: 03 Aug 2019 05:58

Tgt Ion	Ratio	Lower	Upper
266	100		
264	0.0	50.9	76.3
268	3.7	45.4	68.2





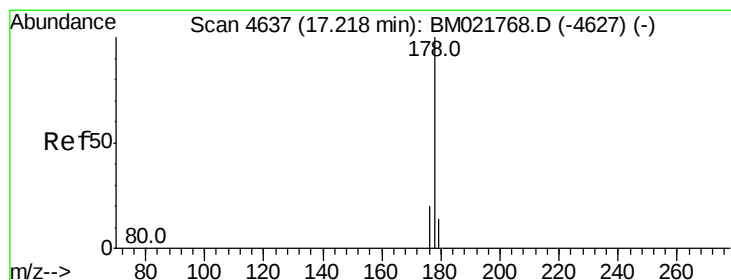
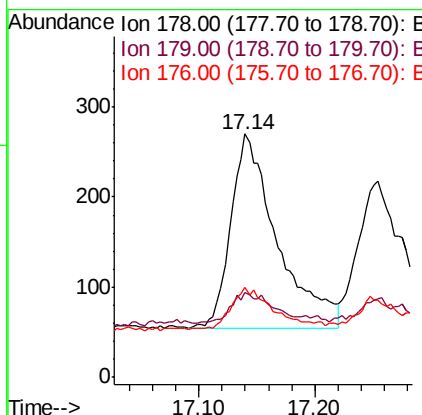
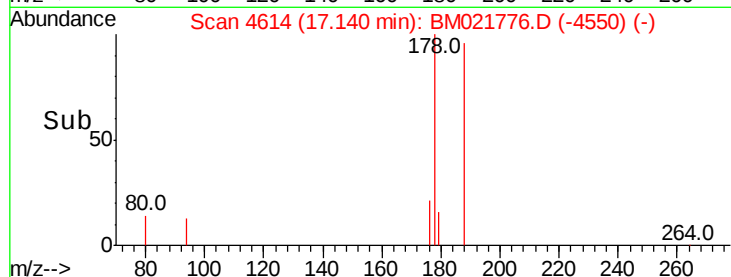
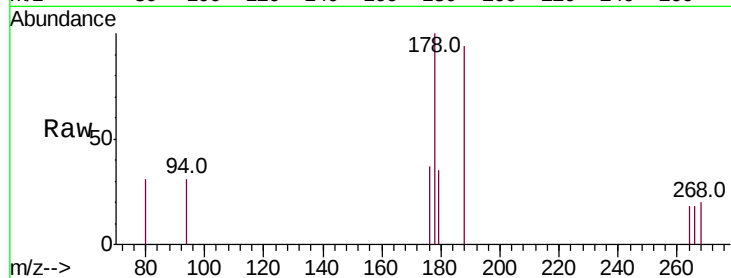
#12
Phenanthrene
Concen: 0.075 ng/ul
RT: 17.14 min Scan# 4614
Delta R.T. 0.02 min
Lab File: BM021776.D
Acq: 03 Aug 2019 05:58

Instrument :
BNA_M
ClientSampleId :
MDL-W-07

Tot Ion	Ratio	Lower	Upper
178	100		
179	34.8	14.0	21.0#
176	37.0	17.0	25.6#

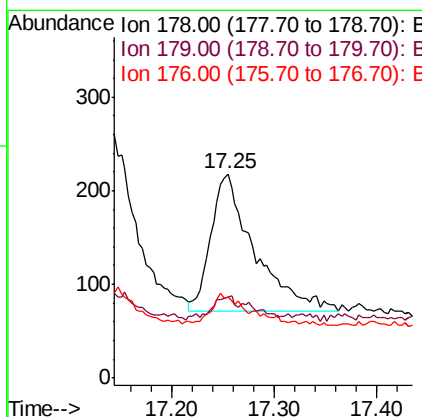
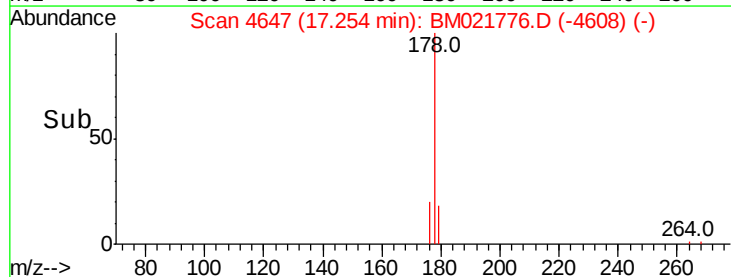
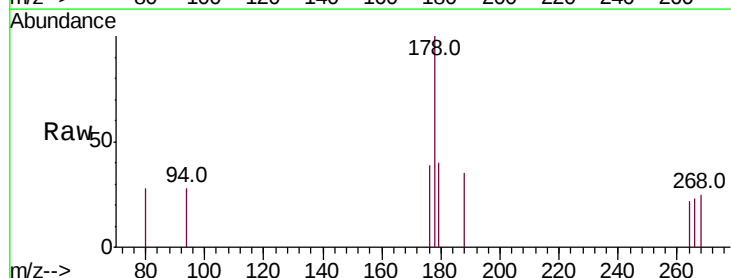
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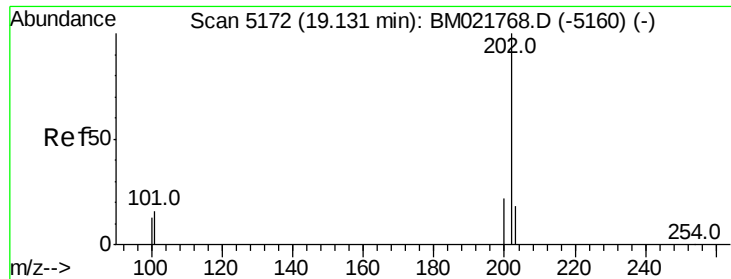
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#13
Anthracene
Concen: 0.073 ng/ul
RT: 17.25 min Scan# 4647
Delta R.T. 0.04 min
Lab File: BM021776.D
Acq: 03 Aug 2019 05:58

Tgt Ion	Ratio	Lower	Upper
178	100		
179	39.9	14.5	21.7#
176	39.4	18.1	27.1#





#15

Fluoranthene

Concen: 0.079 ng/ul

RT: 19.14 min Scan# 5175

Delta R.T. 0.01 min

Lab File: BM021776.D

Acq: 03 Aug 2019 05:58

Instrument :

BNA_M

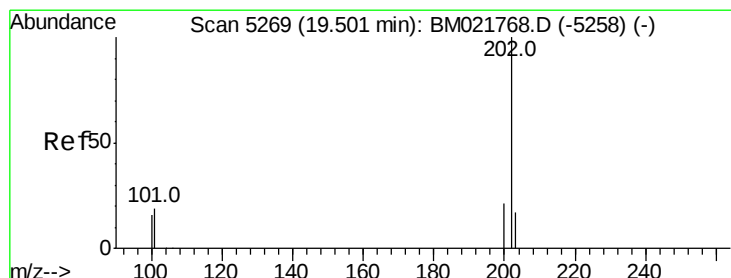
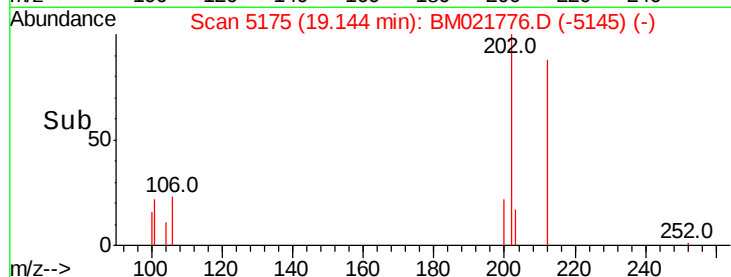
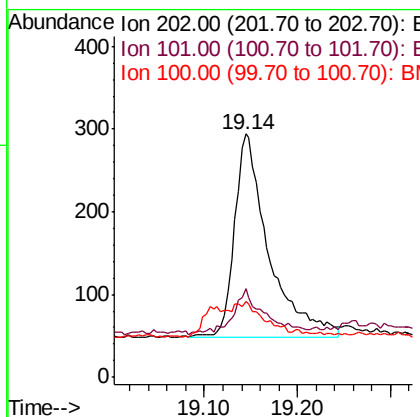
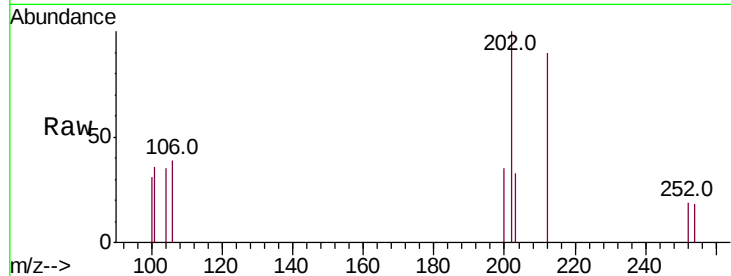
ClientSampleId :

MDL-W-07

Tot Ion:	202	Resp:	619
Ion Ratio	Lower	Upper	
202	100		
101	36.4	0.0	38.6
100	31.3	0.0	35.6

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#17

Pyrene

Concen: 0.095 ng/ul

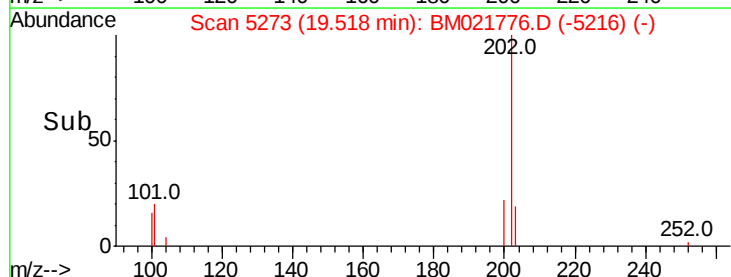
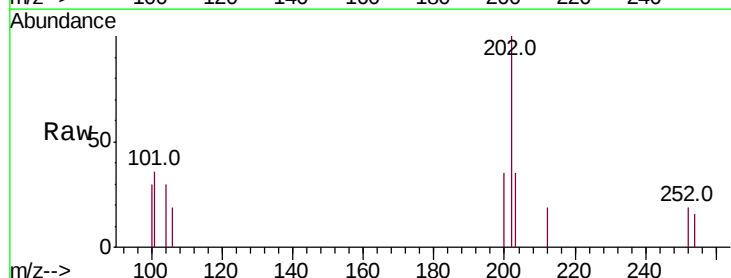
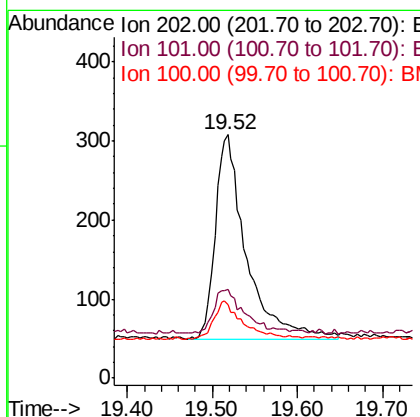
RT: 19.52 min Scan# 5273

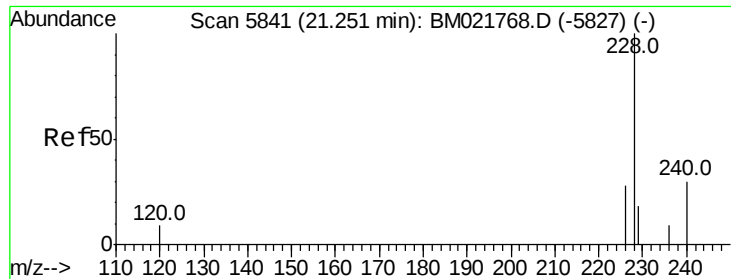
Delta R.T. 0.02 min

Lab File: BM021776.D

Acq: 03 Aug 2019 05:58

Tgt Ion:	202	Resp:	658
Ion Ratio	Lower	Upper	
202	100		
101	36.4	17.0	25.6#
100	30.2	14.3	21.5#





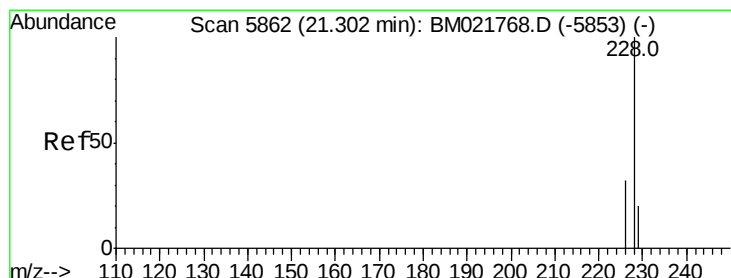
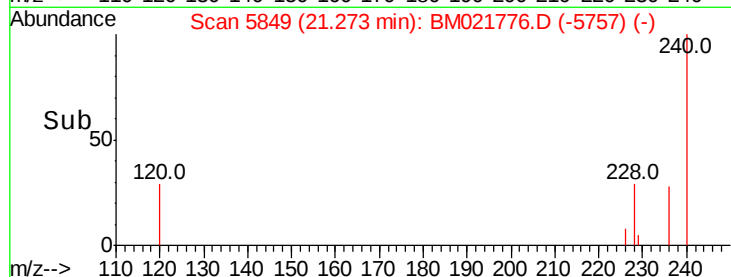
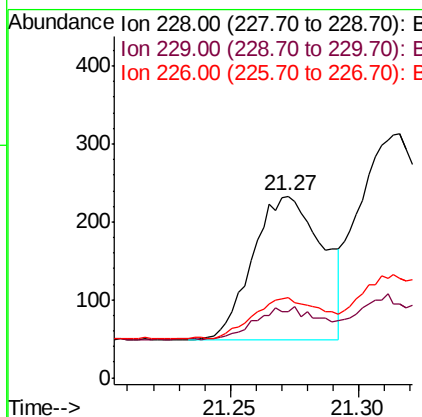
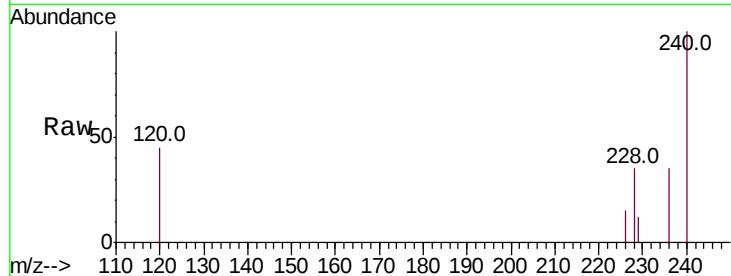
#18
Benzo(a)anthracene
Concen: 0.074 ng/ul
RT: 21.27 min Scan# 5849
Delta R.T. 0.02 min
Lab File: BM021776.D
Acq: 03 Aug 2019 05:58

Instrument :
BNA_M
ClientSampleId :
MDL-W-07

Tot Ion	Ratio	Lower	Upper
228	100		
229	36.1	16.6	24.8#
226	43.8	24.2	36.2#

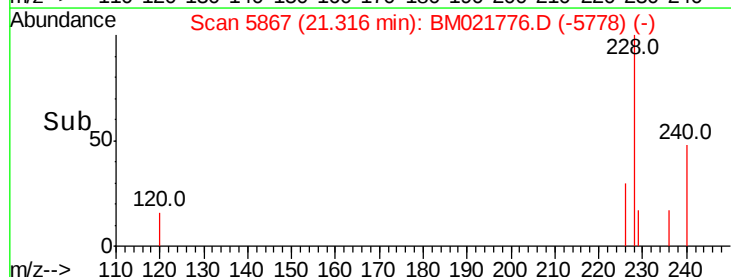
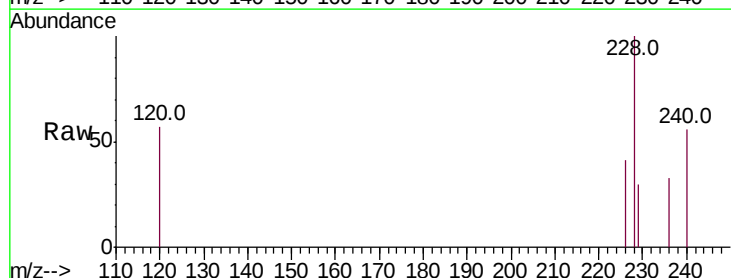
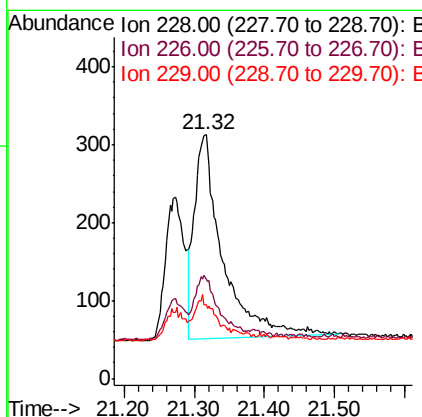
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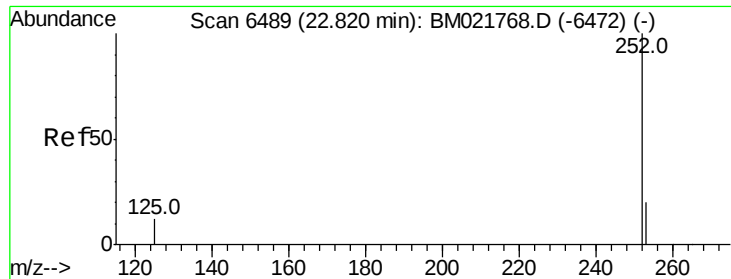
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#19
Chrysene
Concen: 0.093 ng/ul
RT: 21.32 min Scan# 5867
Delta R.T. 0.01 min
Lab File: BM021776.D
Acq: 03 Aug 2019 05:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	40.6	25.6	38.4#
229	30.0	17.6	26.4#





#21

Benzo(b)fluoranthene

Concen: 0.084 ng/u1

RT: 22.83 min Scan# 6493

Delta R.T. 0.01 min

Lab File: BM021776.D

Acq: 03 Aug 2019 05:58

Instrument :

BNA_M

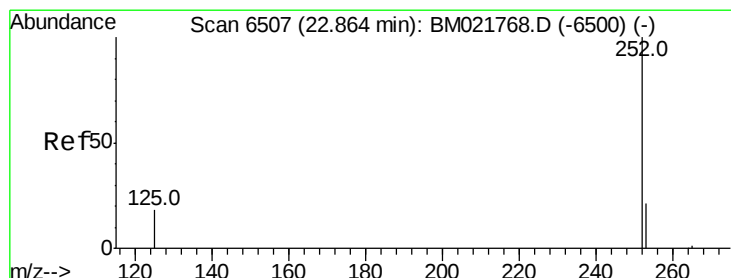
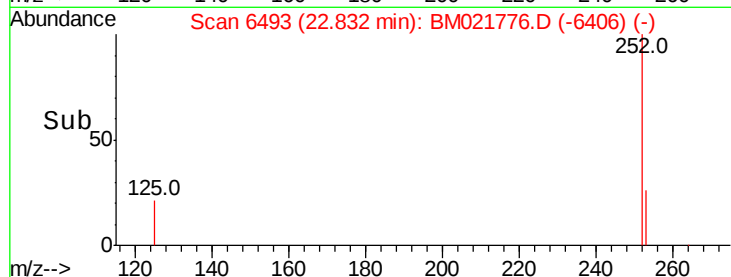
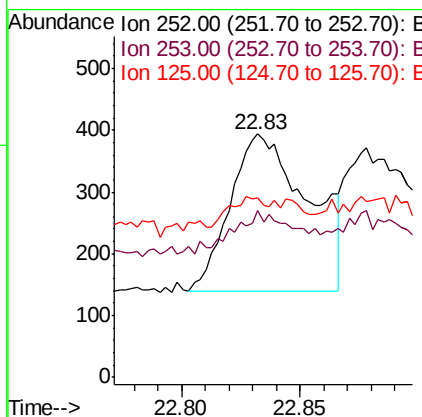
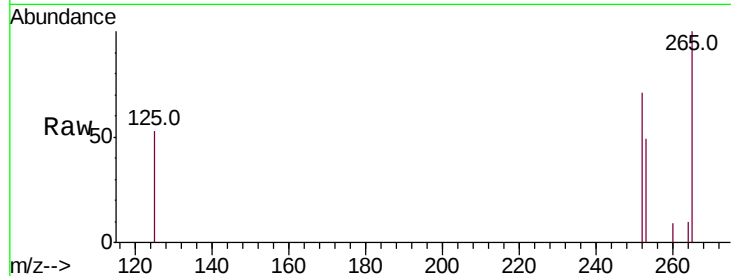
ClientSampled :

MDL-W-07

Tot Ion:	252	Resp:	581
Ion Ratio	Lower	Upper	
252	100		
253	68.5	0.0	62.8#
125	73.9	0.0	62.2#

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#22

Benzo(k)fluoranthene

Concen: 0.069 ng/u1

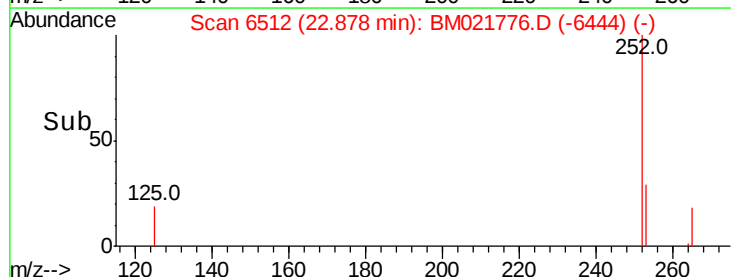
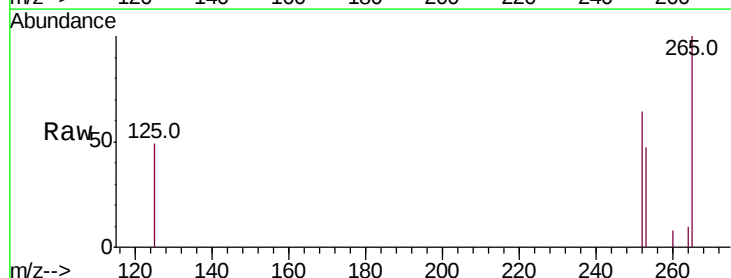
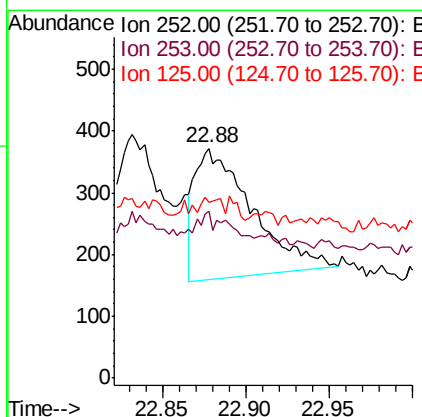
RT: 22.88 min Scan# 6512

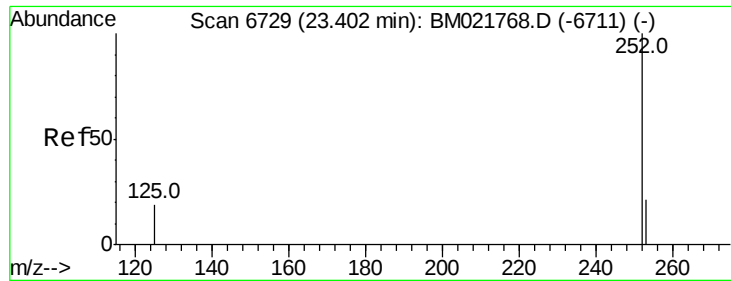
Delta R.T. 0.01 min

Lab File: BM021776.D

Acq: 03 Aug 2019 05:58

Tgt Ion:	252	Resp:	499
Ion Ratio	Lower	Upper	
252	100		
253	72.8	25.8	38.8#
125	76.6	27.0	40.4#





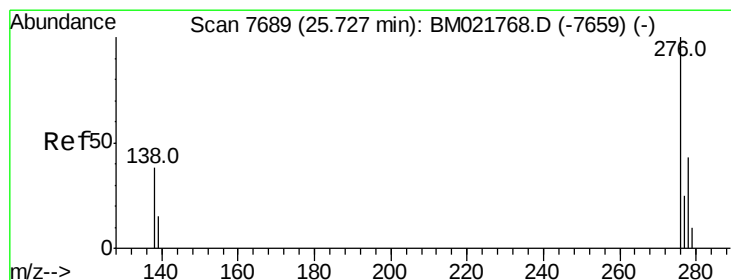
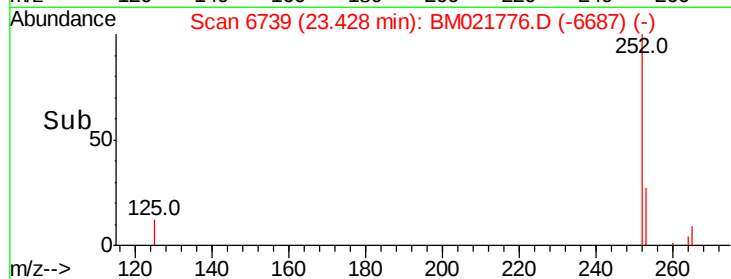
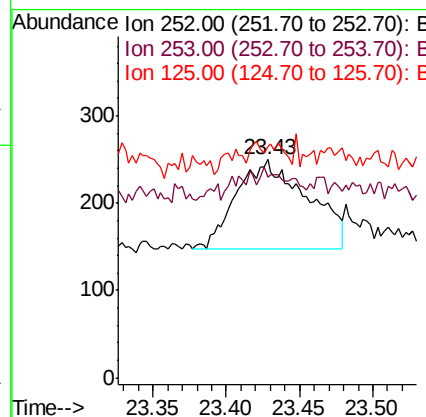
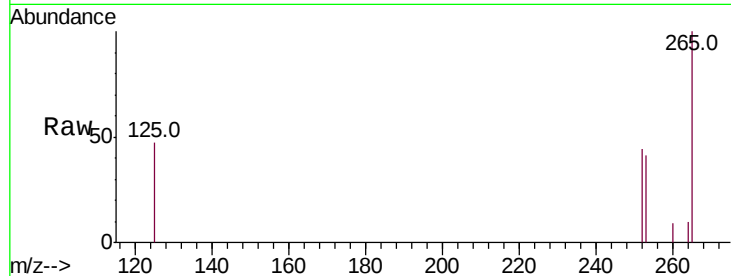
#23
Benzo(a)pyrene
Concen: 0.064 ng/u1
RT: 23.43 min Scan# 6739
Delta R.T. 0.03 min
Lab File: BM021776.D
Acq: 03 Aug 2019 05:58

Instrument :
BNA_M
ClientSampleId :
MDL-W-07

Tot Ion	Ratio	Lower	Upper
252	100		
253	92.0	32.4	48.6#
125	106.0	35.9	53.9#

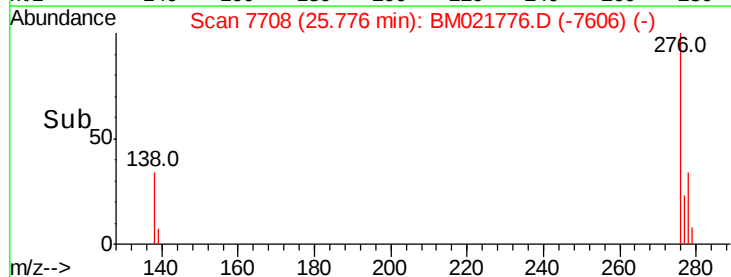
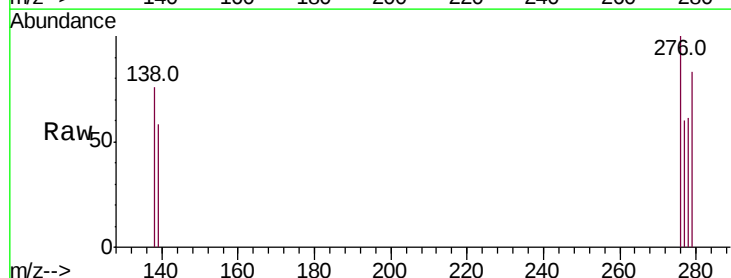
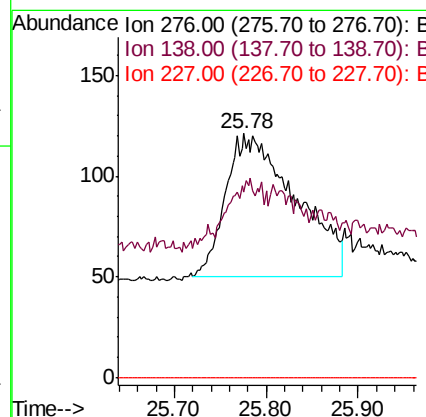
Manual Integrations
APPROVED

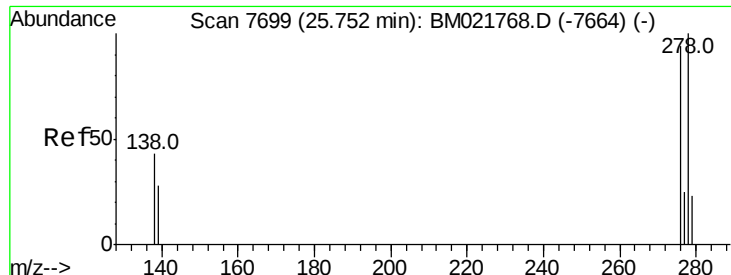
mohammad
8/5/2019 8:35:13 AM



#24
Indeno(1,2,3-cd)pyrene
Concen: 0.060 ng/u1
RT: 25.78 min Scan# 7708
Delta R.T. 0.05 min
Lab File: BM021776.D
Acq: 03 Aug 2019 05:58

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.7	33.8	50.8#
227	0.0	0.0	0.0





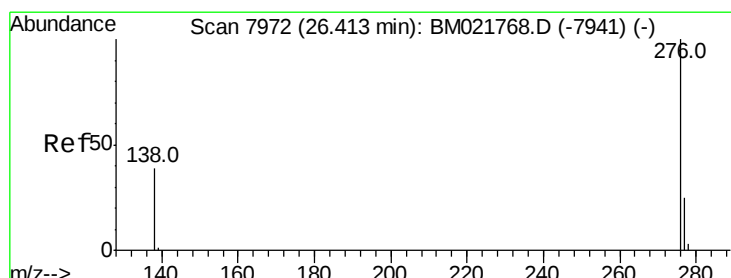
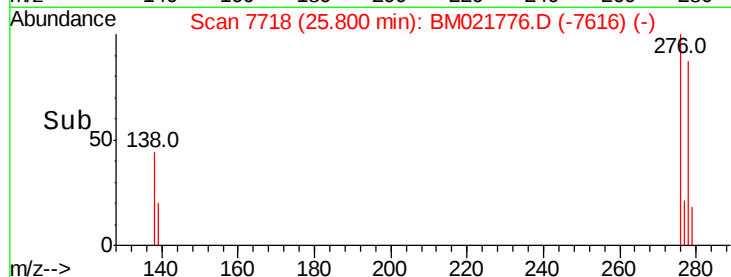
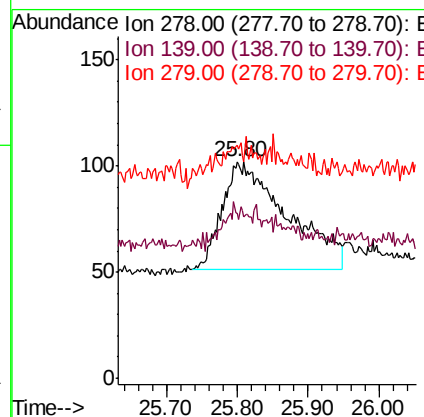
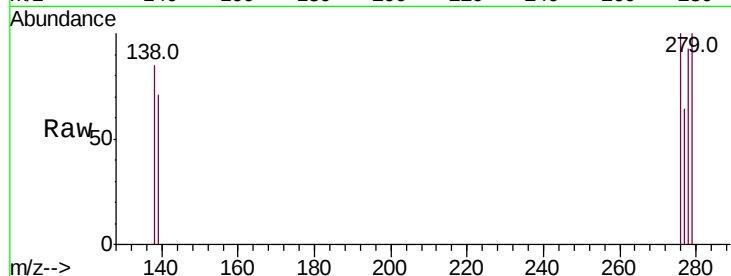
#25
Dibenzo(a,h)anthracene
Concen: 0.067 ng/ul
RT: 25.80 min Scan# 7718
Delta R.T. 0.05 min
Lab File: BM021776.D
Acq: 03 Aug 2019 05:58

Instrument :
BNA_M
ClientSampled :
MDL-W-07

Tot Ion	Ratio	Lower	Upper
278	100		
139	76.5	29.5	44.3#
279	107.8	31.1	46.7#

Manual Integrations
APPROVED

mohammad
8/5/2019 8:35:13 AM



#26
Benzo(g,h,i)perylene
Concen: 0.074 ng/ul
RT: 26.45 min Scan# 7987
Delta R.T. 0.04 min
Lab File: BM021776.D
Acq: 03 Aug 2019 05:58

Tgt Ion	Ratio	Lower	Upper
276	100		
138	73.7	36.2	54.2#
277	55.6	24.2	36.2#

