

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080219\
 Data File : BM021775.D
 Acq On : 03 Aug 2019 05:21
 Operator : HP/JU
 Sample : MDL-W-06
 Misc : 0.07PPM
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-W-06

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mohammad
 8/5/2019 8:35:10 AM

Quant Time: Aug 03 07:29:34 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	676	0.40	ng/ul	0.00
2) Naphthalene-d8	10.51	136	3139	0.40	ng/ul	0.06
6) Acenaphthene-d10	14.33	164	1494	0.40	ng/ul	0.02
10) Phenanthrene-d10	17.10	188	2553	0.40	ng/ul	0.03
16) Chrysene-d12	21.27	240	1685	0.40	ng/ul	0.00
20) Perylene-d12	23.49	264	1653	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.12	152	1539	0.37	ng/ul	0.05
14) Fluoranthene-d10	19.11	212	2185	0.37	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.56	128	688	0.078	ng/ul#	42
5) 2-Methylnaphthalene	12.19	142	413	0.082	ng/ul	98
7) Acenaphthylene	14.07	152	561	0.075	ng/ul#	59
8) Acenaphthene	14.40	153	496	0.078	ng/ul#	88
9) Fluorene	15.42	166	462	0.069	ng/ul#	94
11) Pentachlorophenol	16.83	266	18m	0.050	ng/ul	
12) Phenanthrene	17.14	178	651	0.076	ng/ul#	69
13) Anthracene	17.25	178	400	0.062	ng/ul#	60
15) Fluoranthene	19.14	202	685	0.081	ng/ul	72
17) Pyrene	19.51	202	715	0.096	ng/ul#	73
18) Benzo(a)anthracene	21.27	228	394	0.078	ng/ul#	72
19) Chrysene	21.31	228	747	0.088	ng/ul#	84
21) Benzo(b)fluoranthene	22.83	252	627	0.085	ng/ul#	34
22) Benzo(k)fluoranthene	22.88	252	606	0.078	ng/ul#	31
23) Benzo(a)pyrene	23.42	252	496	0.086	ng/ul#	16
24) Indeno(1,2,3-cd)pyrene	25.78	276	477	0.071	ng/ul#	49
25) Dibenzo(a,h)anthracene	25.80	278	350m	0.067	ng/ul	
26) Benzo(g,h,i)perylene	26.45	276	420	0.065	ng/ul#	59

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

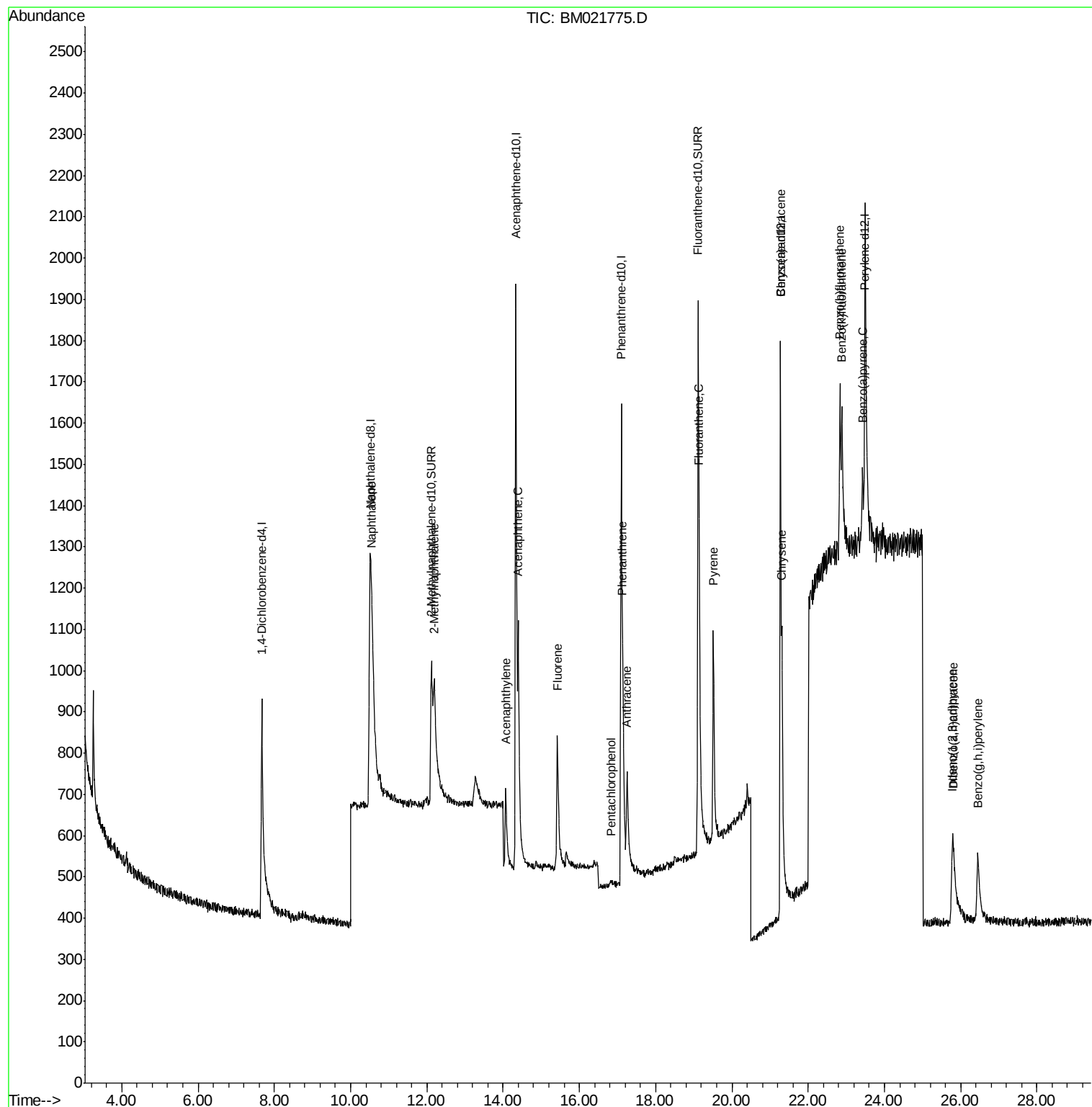
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080219\
Data File : BM021775.D
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ALS Vial : 17 Sample Multiplier: 1

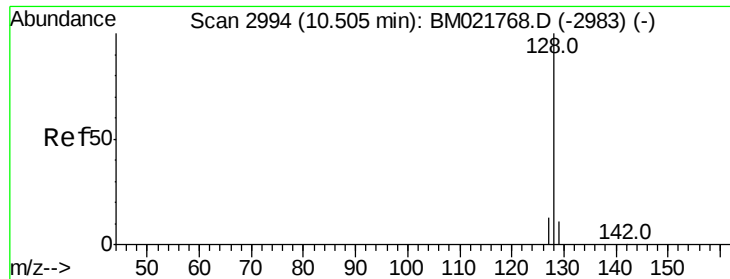
Instrument :
BNA_M
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MDL-W-06

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Quant Time: Aug 03 07:29:34 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
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#3

Naphthalene

Concen: 0.078 ng/ul

RT: 10.56 min Scan# 3006

Delta R.T. 0.06 min

Lab File: BM021775.D

Acq: 03 Aug 2019 05:21

Instrument :

BNA_M

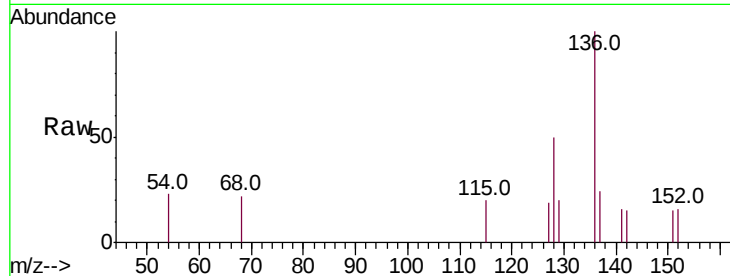
ClientSampleId :

MDL-W-06

Tot Ion	Ratio	Lower	Upper
128	100		
129	40.8	11.5	17.3#
127	39.1	13.1	19.7#

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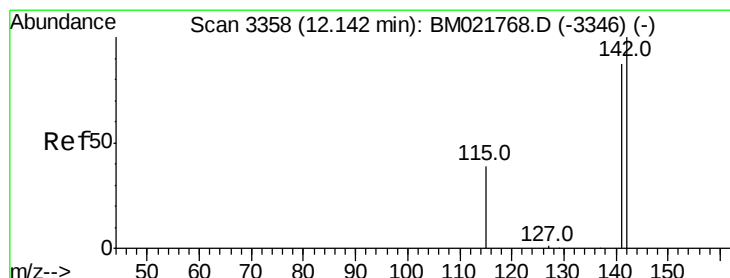
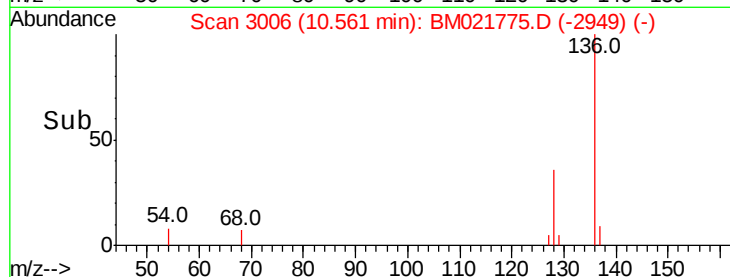
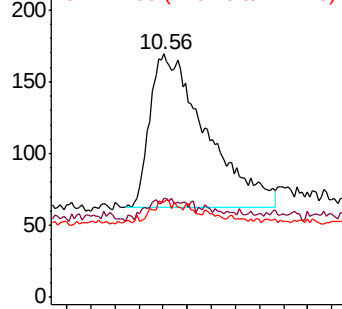
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.082 ng/ul

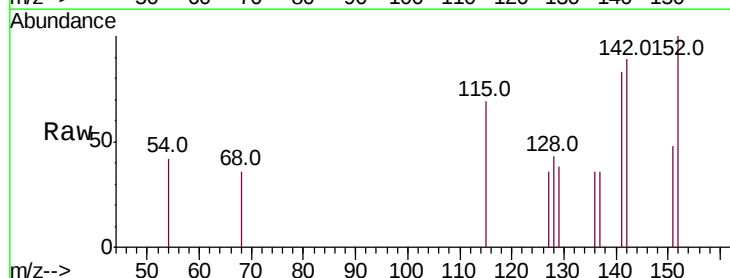
RT: 12.19 min Scan# 3369

Delta R.T. 0.05 min

Lab File: BM021775.D

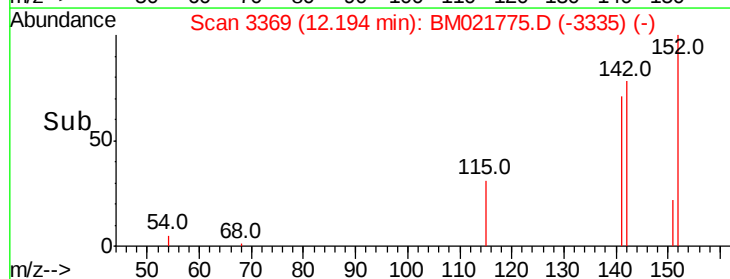
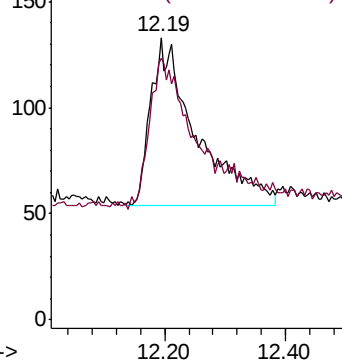
Acq: 03 Aug 2019 05:21

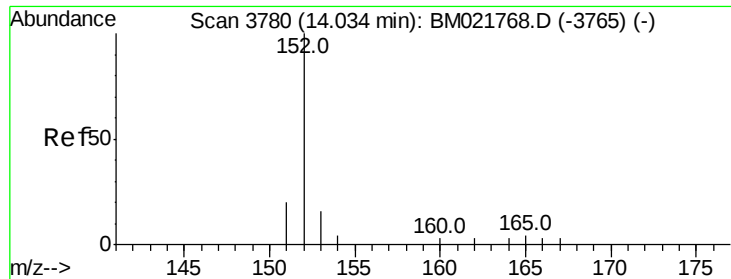
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.8	72.0	108.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.075 ng/ul

RT: 14.07 min Scan# 3788

Delta R.T. 0.03 min

Lab File: BM021775.D

Acq: 03 Aug 2019 05:21

Instrument :

BNA_M

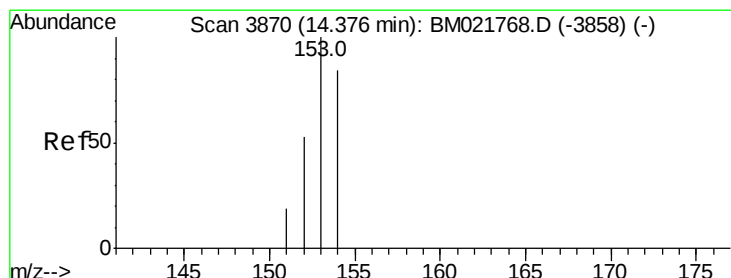
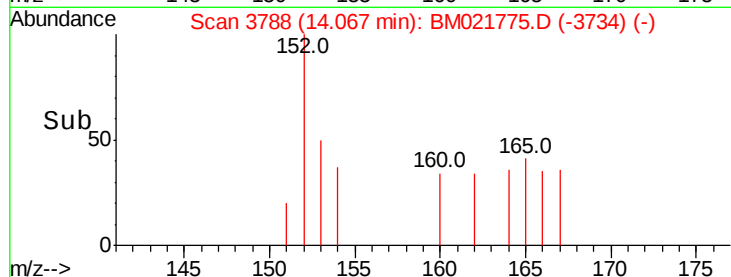
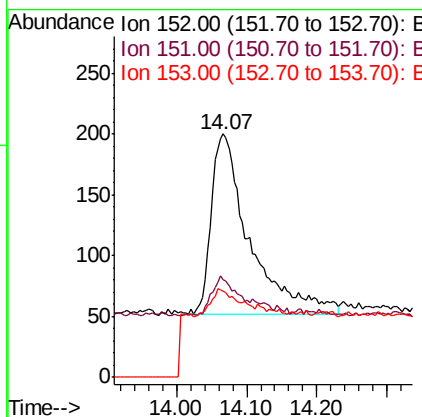
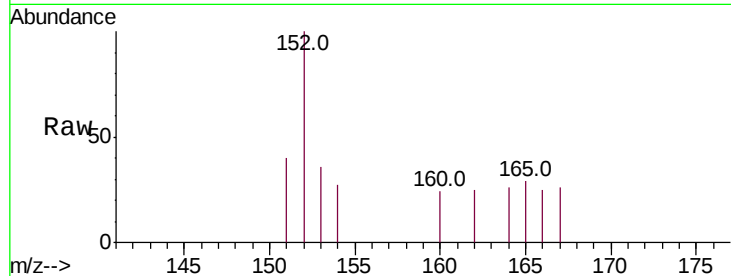
ClientSampleId :

MDL-W-06

Tot Ion	Ratio	Lower	Upper
152	100		
151	40.0	17.8	26.6#
153	35.5	12.6	18.8#

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#8

Acenaphthene

Concen: 0.078 ng/ul

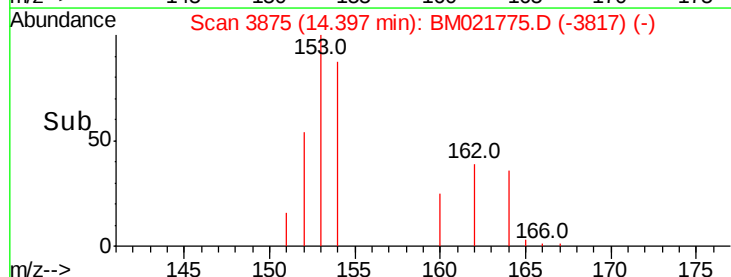
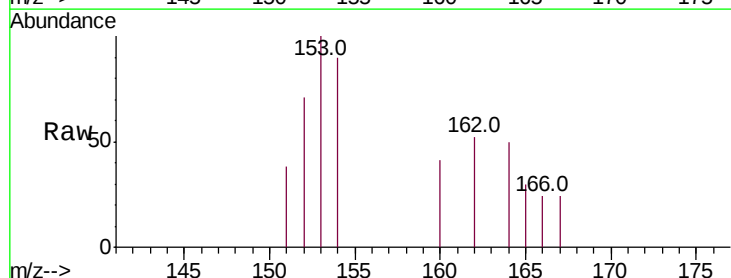
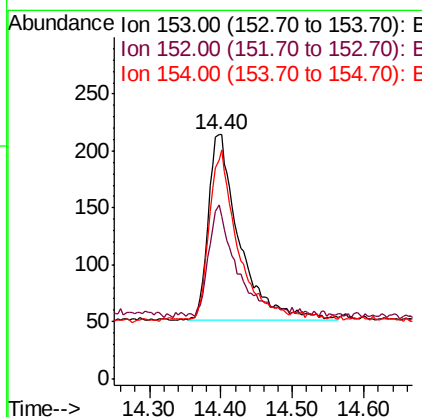
RT: 14.40 min Scan# 3875

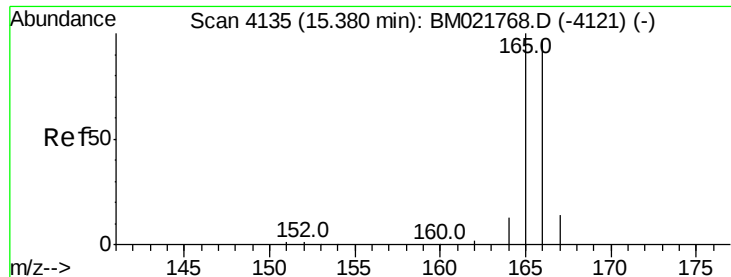
Delta R.T. 0.02 min

Lab File: BM021775.D

Acq: 03 Aug 2019 05:21

Tgt Ion	Ratio	Lower	Upper
153	100		
152	71.5	44.0	66.0#
154	89.7	68.0	102.0





#9

Fluorene

Concen: 0.069 ng/ul

RT: 15.42 min Scan# 4146

Delta R.T. 0.04 min

Lab File: BM021775.D

Acq: 03 Aug 2019 05:21

Instrument :

BNA_M

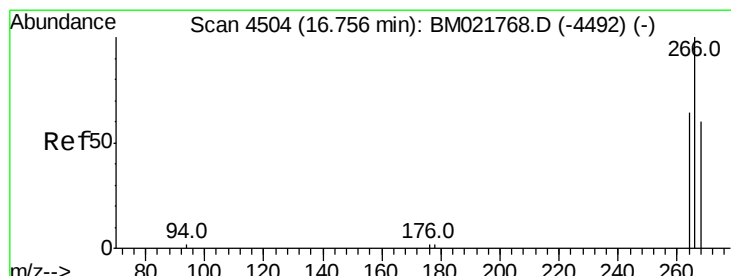
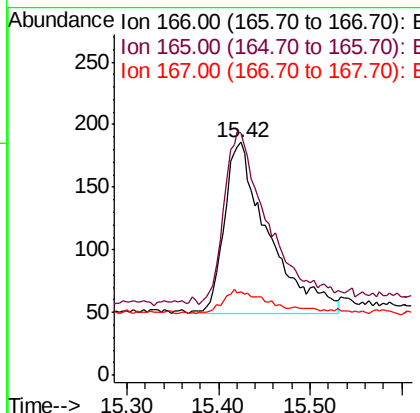
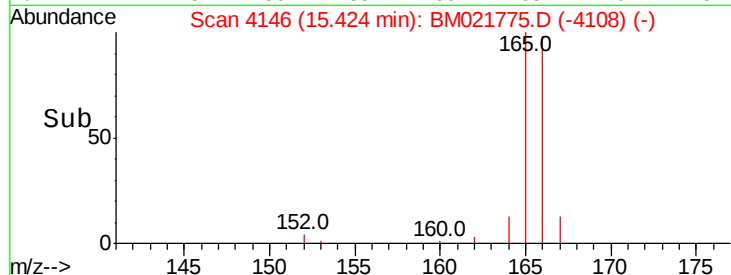
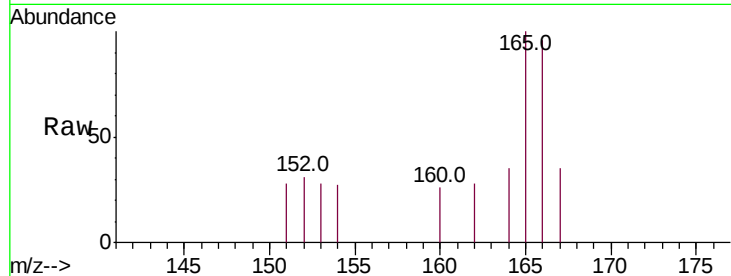
ClientSampled :

MDL-W-06

Tot Ion	Ratio	Lower	Upper
166	100		
165	103.8	83.0	124.4
167	36.0	13.4	20.2

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#11

Pentachlorophenol

Concen: 0.050 ng/ul m

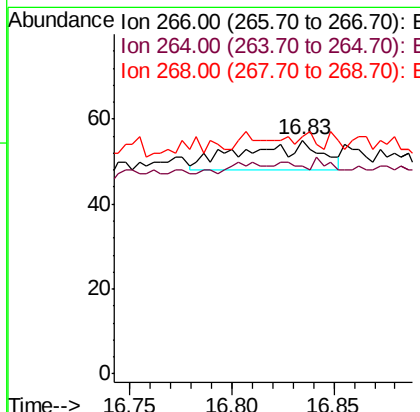
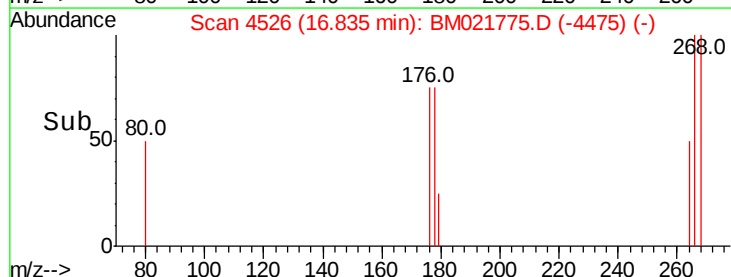
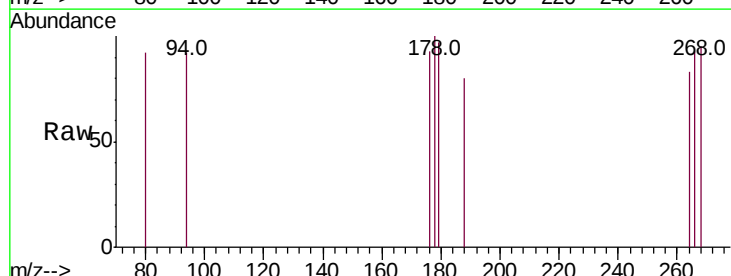
RT: 16.83 min Scan# 4526

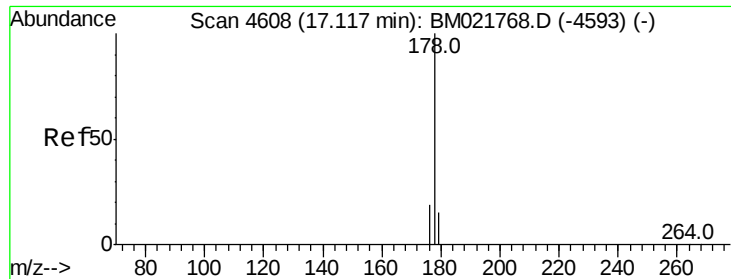
Delta R.T. 0.08 min

Lab File: BM021775.D

Acq: 03 Aug 2019 05:21

Tgt Ion	Ratio	Lower	Upper
266	100		
264	0.0	50.9	76.3
268	11.1	45.4	68.2





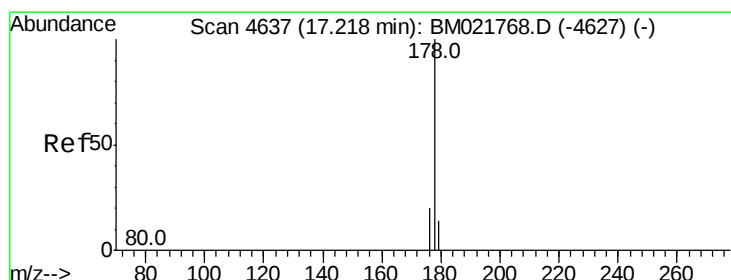
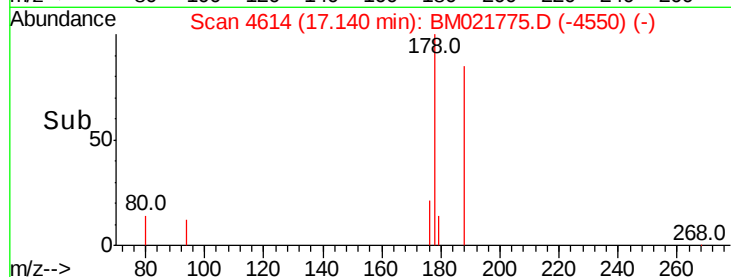
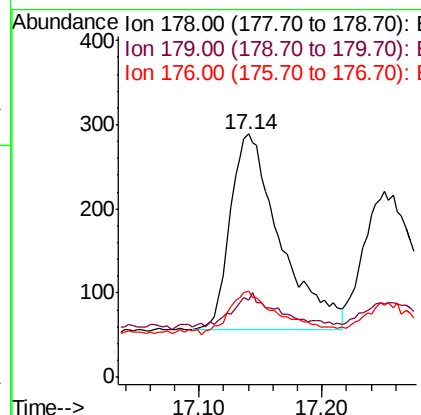
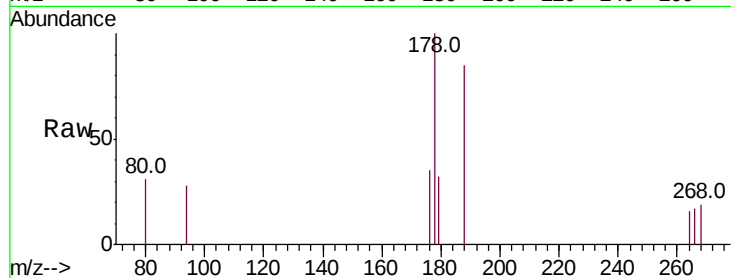
#12
Phenanthrene
Concen: 0.076 ng/ul
RT: 17.14 min Scan# 4614
Delta R.T. 0.02 min
Lab File: BM021775.D
Acq: 03 Aug 2019 05:21

Instrument :
BNA_M
ClientSampleId :
MDL-W-06

Tot Ion	Ratio	Lower	Upper
178	100		
179	31.8	14.0	21.0#
176	35.3	17.0	25.6#

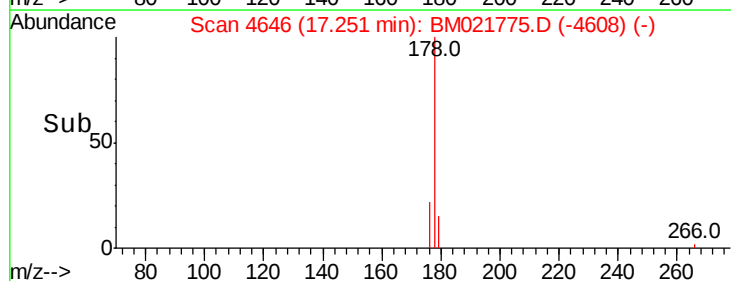
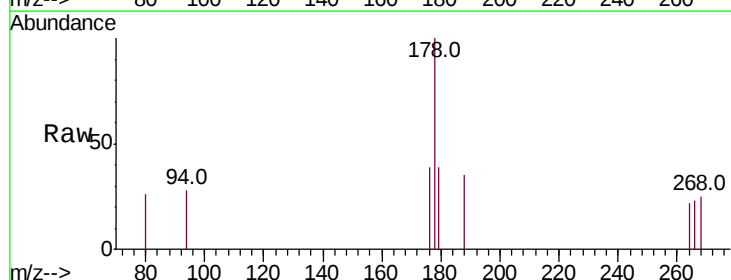
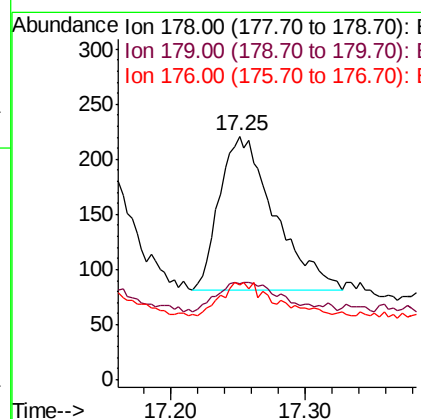
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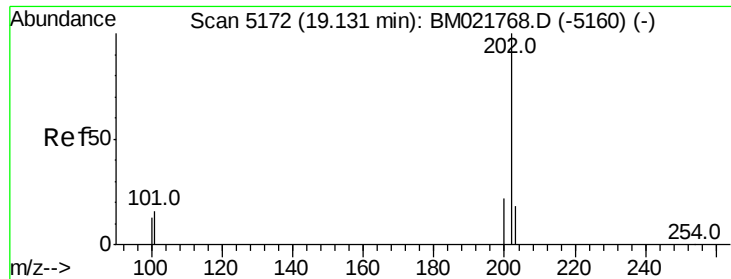
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#13
Anthracene
Concen: 0.062 ng/ul
RT: 17.25 min Scan# 4646
Delta R.T. 0.03 min
Lab File: BM021775.D
Acq: 03 Aug 2019 05:21

Tgt Ion	Ratio	Lower	Upper
178	100		
179	39.4	14.5	21.7#
176	38.9	18.1	27.1#





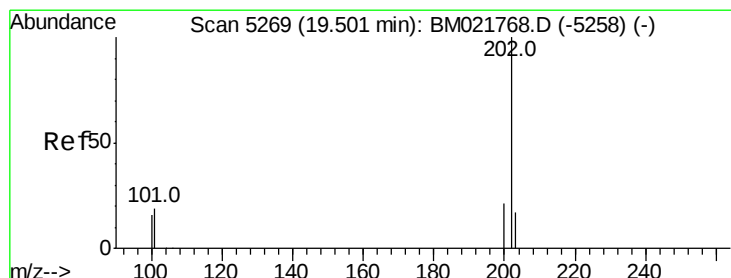
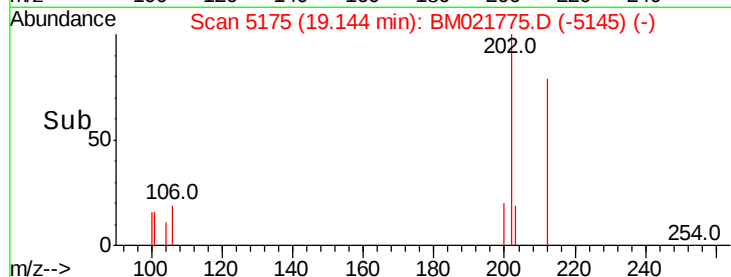
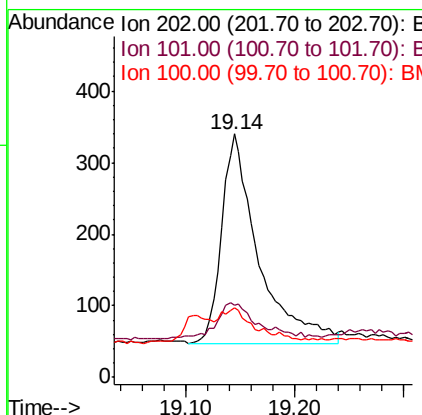
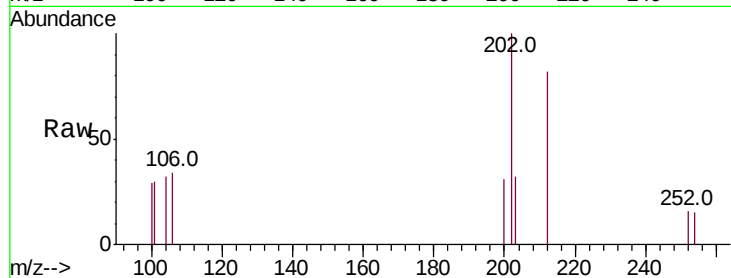
#15
Fluoranthene
 Concen: 0.081 ng/ul
 RT: 19.14 min Scan# 5175
 Delta R.T. 0.01 min
 Lab File: BM021775.D
 Acq: 03 Aug 2019 05:21

Instrument :
 BNA_M
 ClientSampleId :
 MDL-W-06

Tot Ion:	202	Resp:	685
Ion Ratio	Lower	Upper	
202	100		
101	29.7	0.0	38.6
100	28.5	0.0	35.6

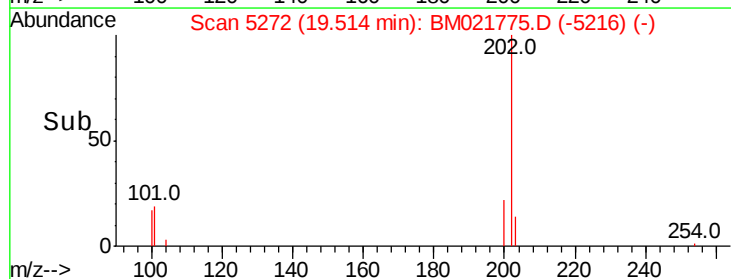
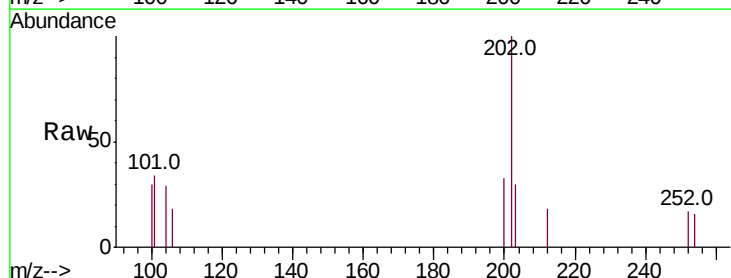
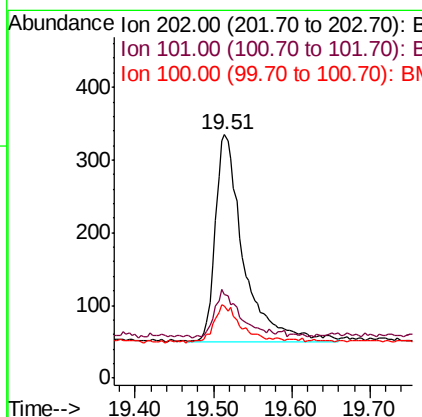
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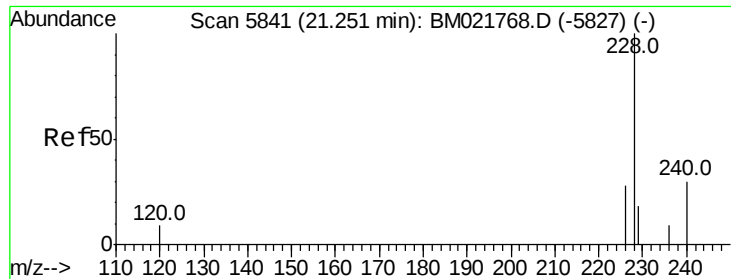
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#17
Pyrene
 Concen: 0.096 ng/ul
 RT: 19.51 min Scan# 5272
 Delta R.T. 0.01 min
 Lab File: BM021775.D
 Acq: 03 Aug 2019 05:21

Tgt Ion:	202	Resp:	715
Ion Ratio	Lower	Upper	
202	100		
101	34.3	17.0	25.6#
100	29.9	14.3	21.5#





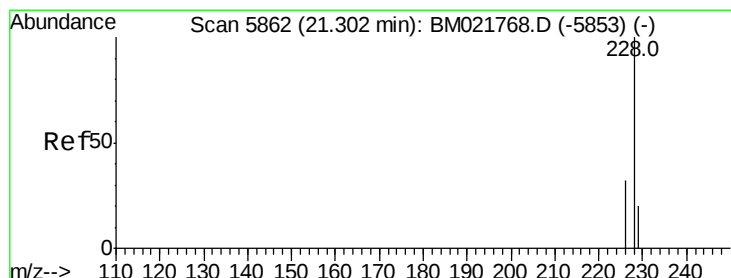
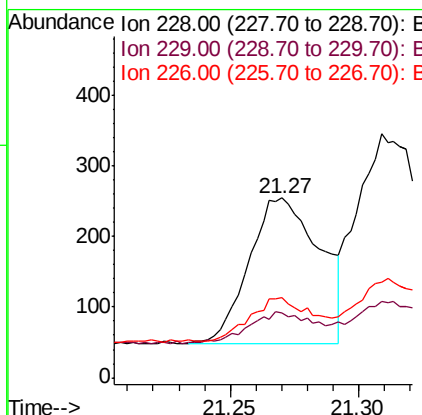
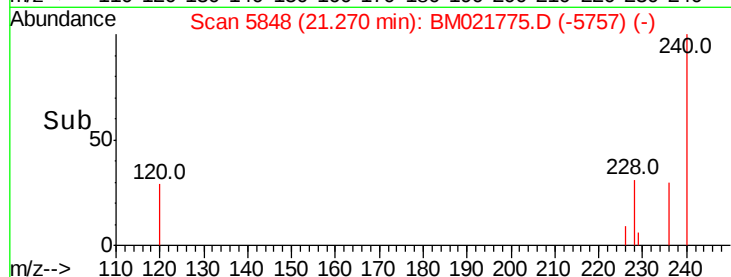
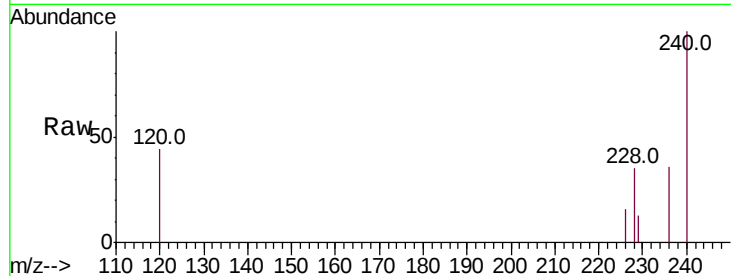
#18
Benzo(a)anthracene
Concen: 0.078 ng/ul
RT: 21.27 min Scan# 5848
Delta R.T. 0.02 min
Lab File: BM021775.D
Acq: 03 Aug 2019 05:21

Instrument :
BNA_M
ClientSampleId :
MDL-W-06

Tot Ion	Ratio	Lower	Upper
228	100		
229	35.7	16.6	24.8#
226	44.3	24.2	36.2#

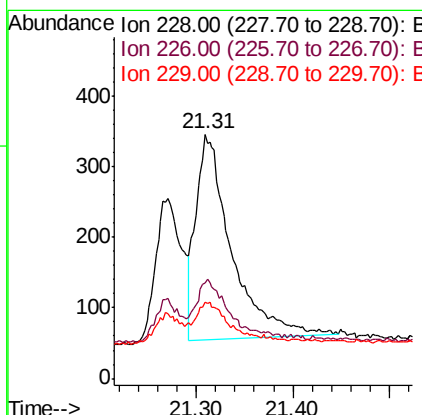
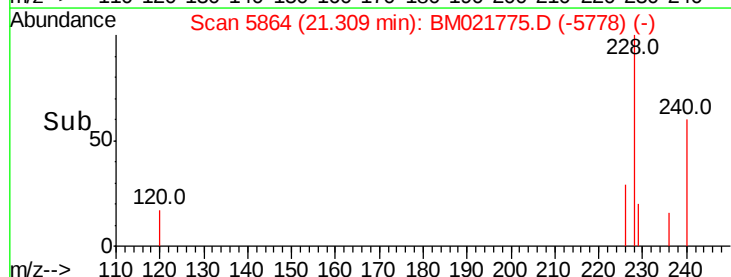
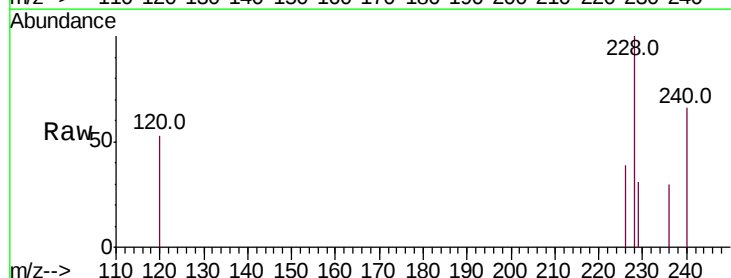
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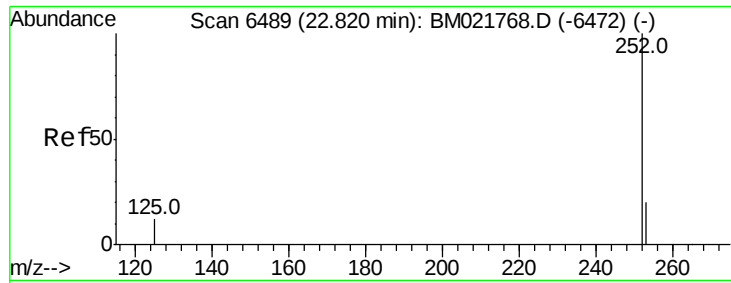
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#19
Chrysene
Concen: 0.088 ng/ul
RT: 21.31 min Scan# 5864
Delta R.T. 0.01 min
Lab File: BM021775.D
Acq: 03 Aug 2019 05:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	39.3	25.6	38.4#
229	31.2	17.6	26.4#





#21

Benzo(b)fluoranthene

Concen: 0.085 ng/ul

RT: 22.83 min Scan# 6493

Delta R.T. 0.01 min

Lab File: BM021775.D

Acq: 03 Aug 2019 05:21

Instrument :

BNA_M

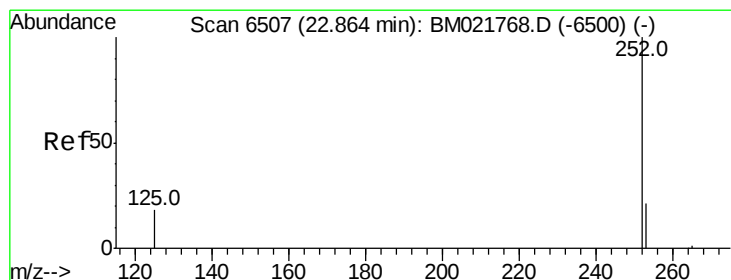
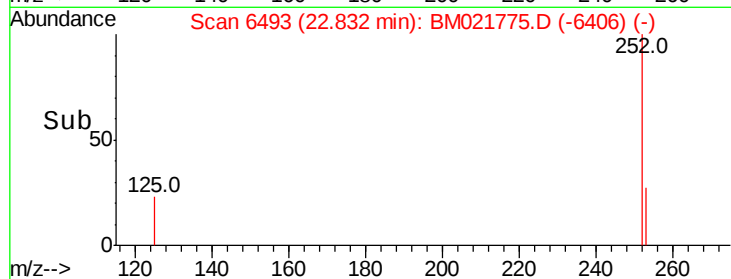
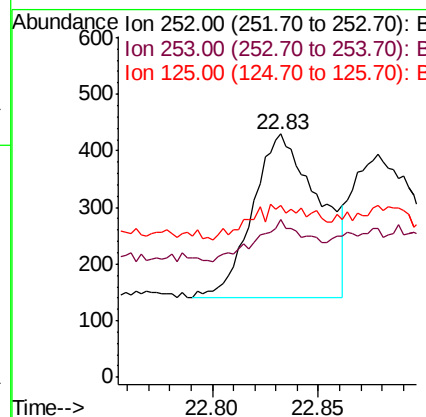
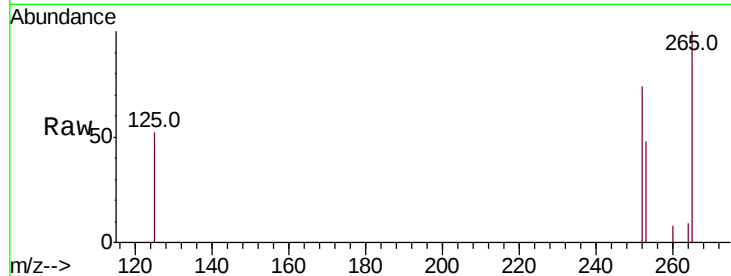
ClientSampleId :

MDL-W-06

Tot Ion:	252	Resp:	627
Ion Ratio	Lower	Upper	
252	100		
253	64.9	0.0	62.8#
125	70.7	0.0	62.2#

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#22

Benzo(k)fluoranthene

Concen: 0.078 ng/ul

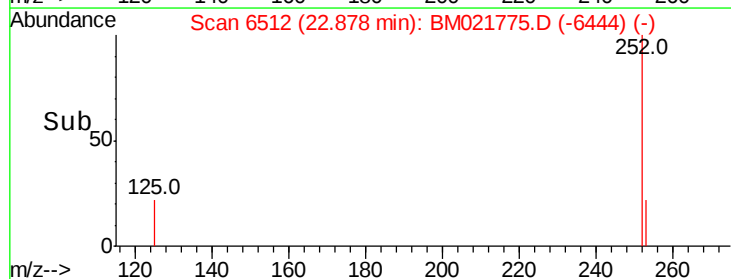
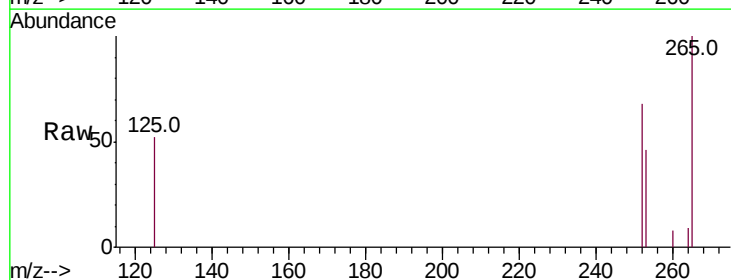
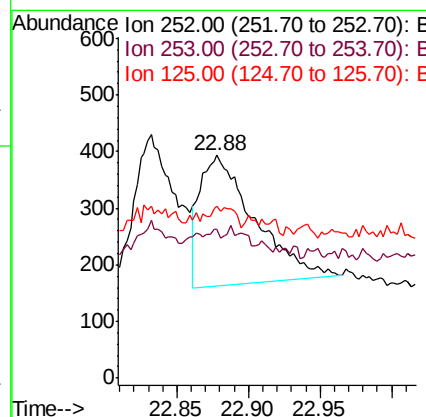
RT: 22.88 min Scan# 6512

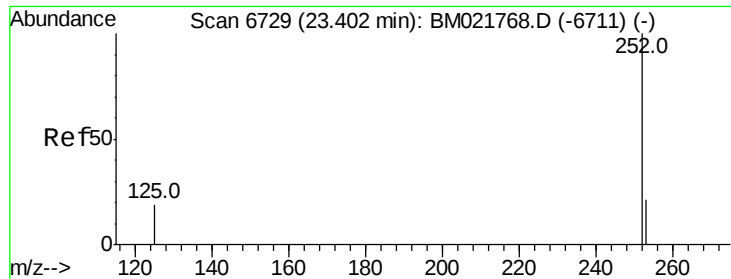
Delta R.T. 0.01 min

Lab File: BM021775.D

Acq: 03 Aug 2019 05:21

Tgt Ion:	252	Resp:	606
Ion Ratio	Lower	Upper	
252	100		
253	66.9	25.8	38.8#
125	77.1	27.0	40.4#





#23

Benzo(a)pyrene

Concen: 0.086 ng/u1

RT: 23.42 min Scan# 6736

Delta R.T. 0.02 min

Lab File: BM021775.D

Acq: 03 Aug 2019 05:21

Instrument :

BNA_M

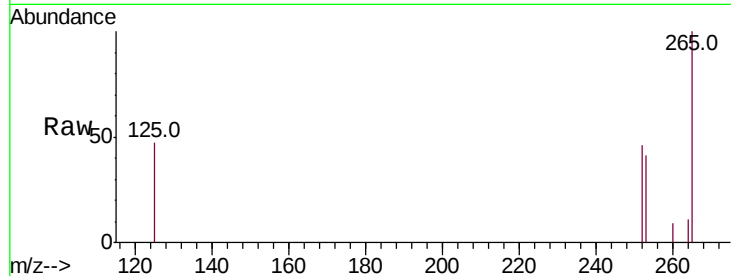
ClientSampleId :

MDL-W-06

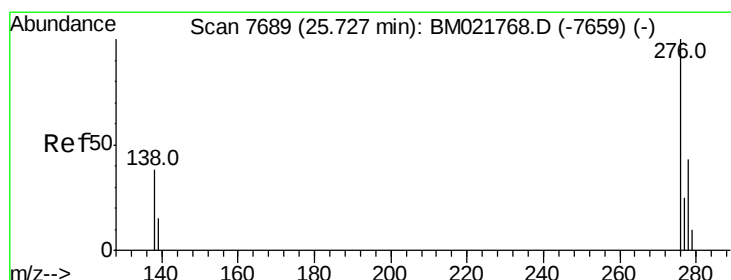
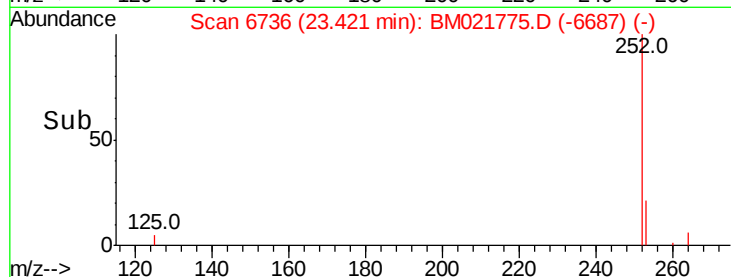
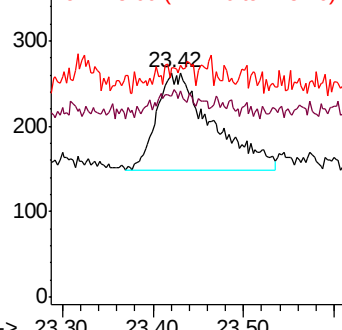
Tot Ion:	252	Resp:	496
Ion Ratio	Lower	Upper	
252	100		
253	89.7	32.4	48.6#
125	102.3	35.9	53.9#

Manual Integrations
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mohammad
8/5/2019 8:35:10 AM



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.071 ng/u1

RT: 25.78 min Scan# 7709

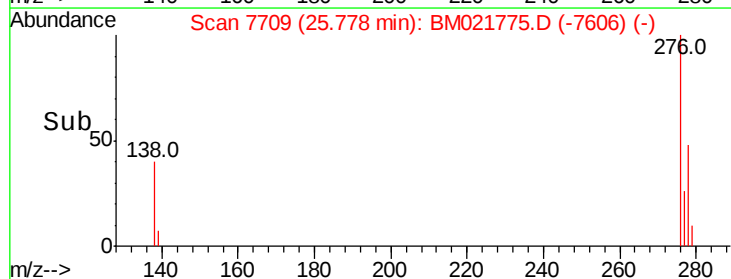
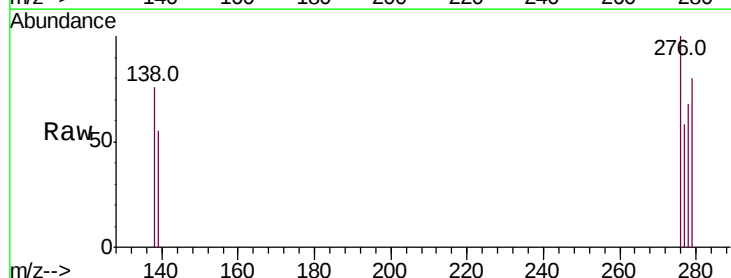
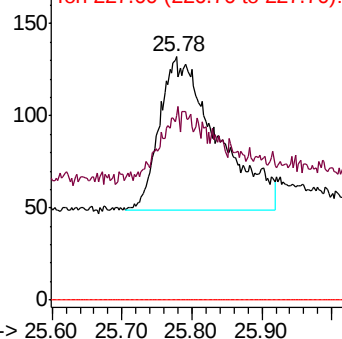
Delta R.T. 0.05 min

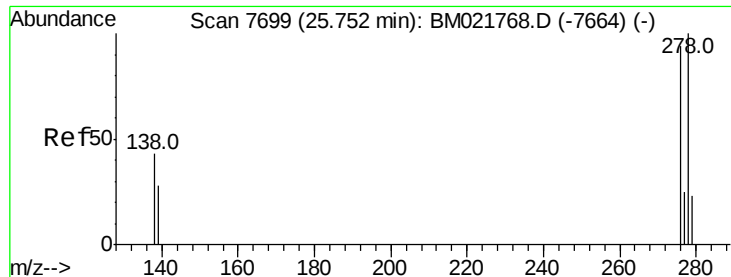
Lab File: BM021775.D

Acq: 03 Aug 2019 05:21

Tgt Ion:	276	Resp:	477
Ion Ratio	Lower	Upper	
276	100		
138	9.9	33.8	50.8#
227	0.0	0.0	0.0

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





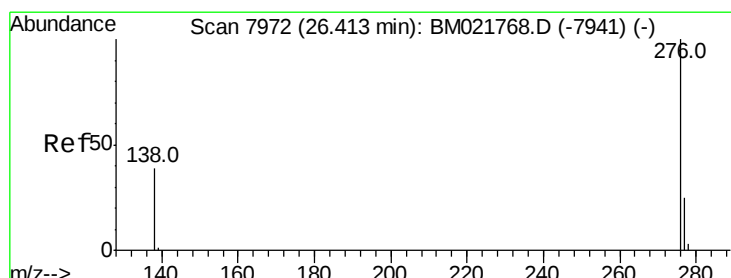
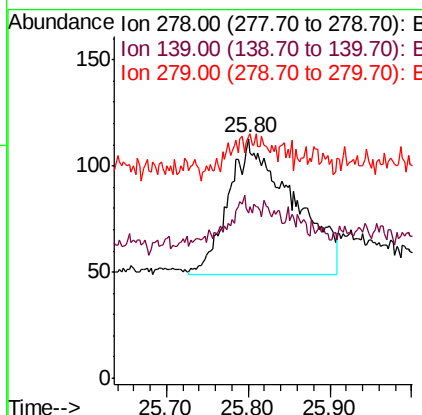
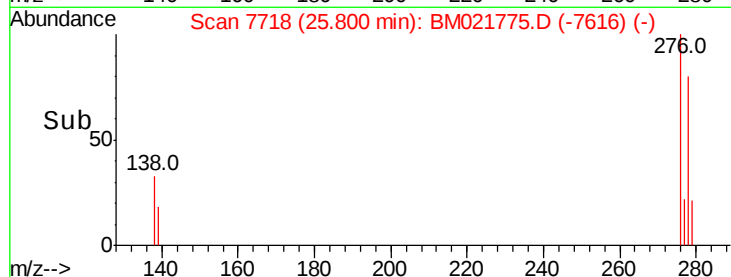
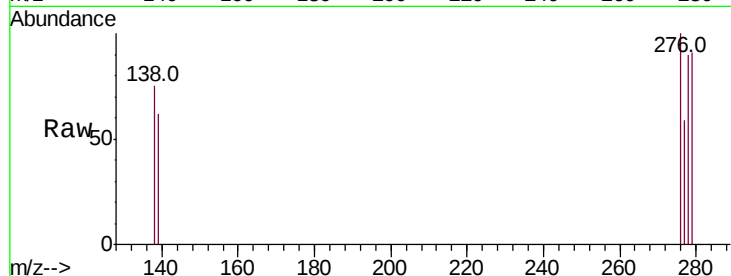
#25
Dibenzo(a,h)anthracene
Concen: 0.067 ng/ul m
RT: 25.80 min Scan# 7718
Delta R.T. 0.05 min
Lab File: BM021775.D
Acq: 03 Aug 2019 05:21

Instrument :
BNA_M
ClientSampleId :
MDL-W-06

Tot Ion	Ratio	Lower	Upper
278	100		
139	69.0	29.5	44.3#
279	100.9	31.1	46.7#

Manual Integrations
APPROVED

mohammad
8/5/2019 8:35:10 AM



#26
Benzo(g,h,i)perylene
Concen: 0.065 ng/ul
RT: 26.45 min Scan# 7987
Delta R.T. 0.04 min
Lab File: BM021775.D
Acq: 03 Aug 2019 05:21

Tgt Ion	Ratio	Lower	Upper
276	100		
138	70.1	36.2	54.2#
277	54.4	24.2	36.2#

