

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\
 Data File : BM022074.D
 Acq On : 13 Aug 2019 17:34
 Operator : HP/JU
 Sample : K4041-01DL 10X
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENW1DL

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Quant Time: Aug 14 07:35:38 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 14 07:18:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	689	0.40	ng/ul	0.00
2) Naphthalene-d8	10.40	136	2907	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.27	164	1534	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	3303	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	3336	0.40	ng/ul	-0.01
20) Perylene-d12	23.43	264	3434	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	164	0.03	ng/ul	0.01
14) Fluoranthene-d10	19.06	212	404	0.04	ng/ul	-0.01
Target Compounds				Qvalue		
7) Acenaphthylene	13.99	152	918	0.128	ng/ul#	78
9) Fluorene	15.33	166	407	0.063	ng/ul#	92
12) Phenanthrene	17.07	178	7306	0.760	ng/ul	98
13) Anthracene	17.16	178	1796	0.219	ng/ul	93
15) Fluoranthene	19.09	202	13100	1.018	ng/ul	98
17) Pyrene	19.45	202	12153	0.887	ng/ul	99
18) Benzo(a)anthracene	21.21	228	6178	0.518	ng/ul	97
19) Chrysene	21.26	228	5587	0.364	ng/ul	97
21) Benzo(b)fluoranthene	22.77	252	7731m	0.668	ng/ul	
22) Benzo(k)fluoranthene	22.81	252	2683m	0.205	ng/ul	
23) Benzo(a)pyrene	23.33	252	5237	0.445	ng/ul	92
24) Indeno(1,2,3-cd)pyrene	25.65	276	3554	0.253	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.65	278	860	0.076	ng/ul#	44
26) Benzo(g,h,i)perylene	26.33	276	3435	0.271	ng/ul#	92

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

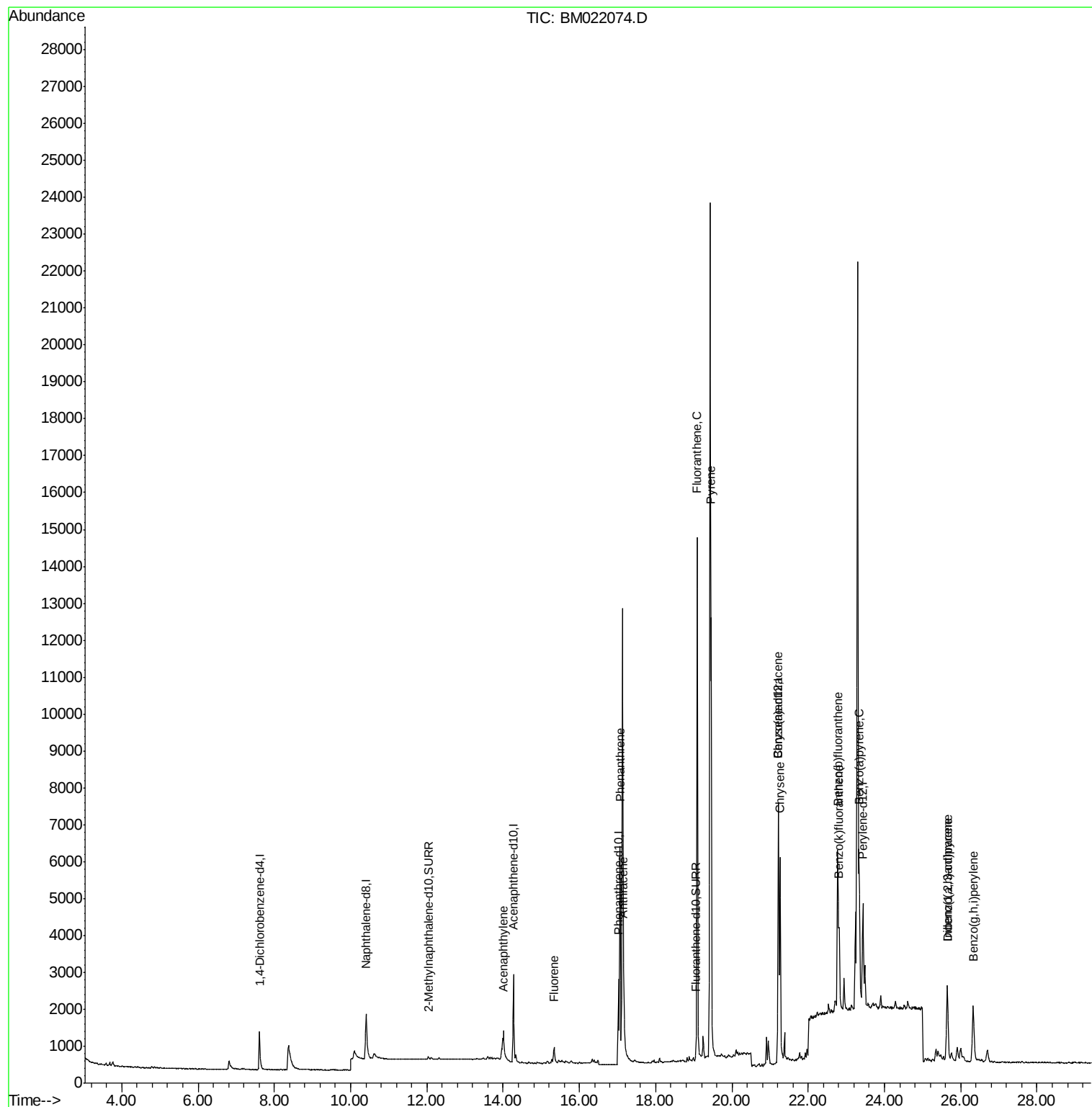
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\
Data File : BM022074.D
Acq On : 13 Aug 2019 17:34
Operator : HP/JU
Sample : K4041-01DL 10X
Misc :
ALS Vial : 54 Sample Multiplier: 1

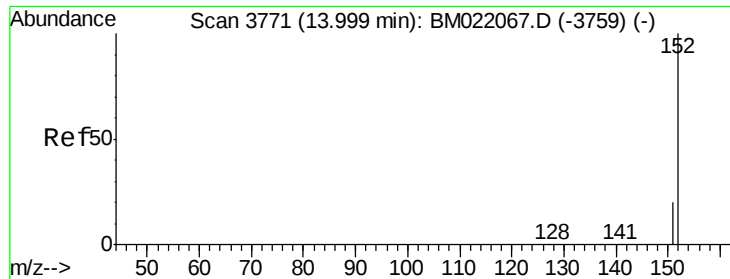
Instrument :
BNA_M
ClientSampleId :
BENW1DL

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Quant Time: Aug 14 07:35:38 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 14 07:18:38 2019
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.128 ng/ul

RT: 13.99 min Scan# 3769

Delta R.T. -0.01 min

Lab File: BM022074.D

Acq: 13 Aug 2019 17:34

Instrument :

BNA_M

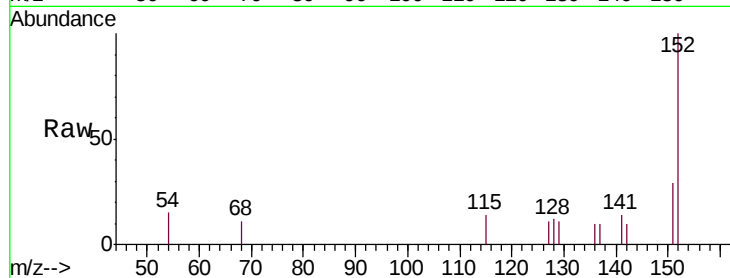
ClientSampleId :

BENW1DL

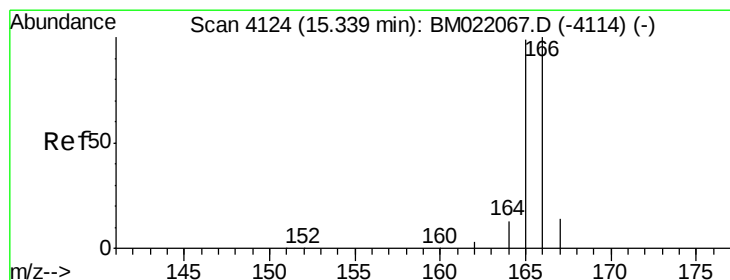
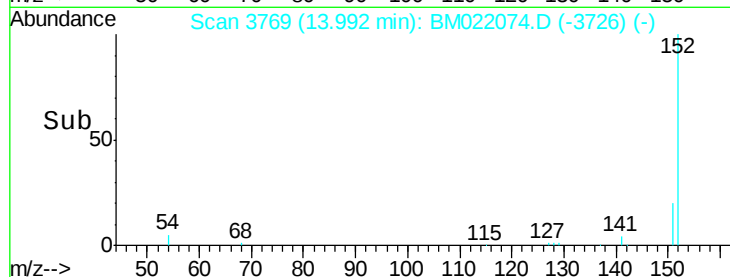
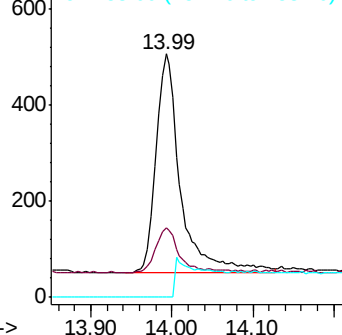
Tgt Ion:	152	Resp:	918
Ion Ratio	Lower	Upper	
152	100		
151	28.6	18.3	27.5#
153	0.0	12.8	19.2#

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#9

Fluorene

Concen: 0.063 ng/ul

RT: 15.33 min Scan# 4121

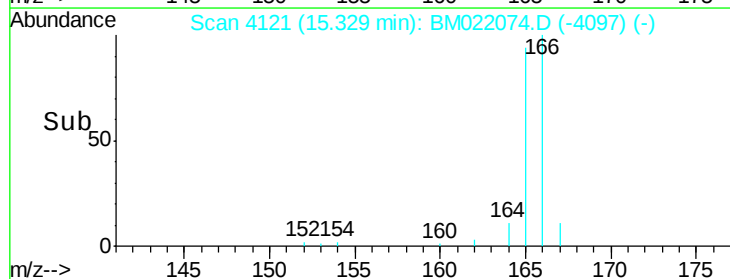
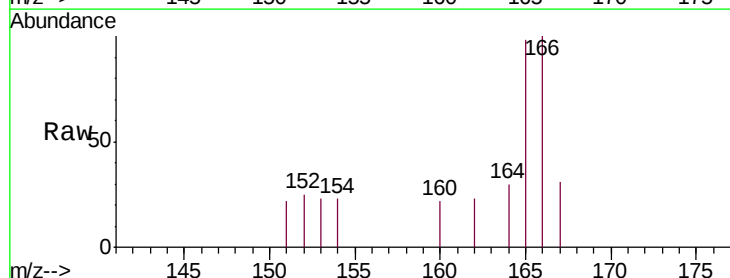
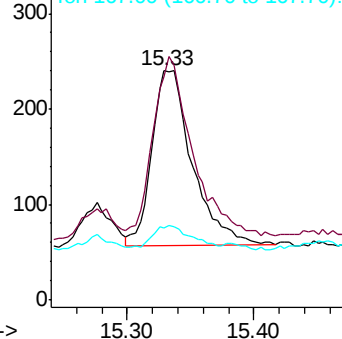
Delta R.T. -0.01 min

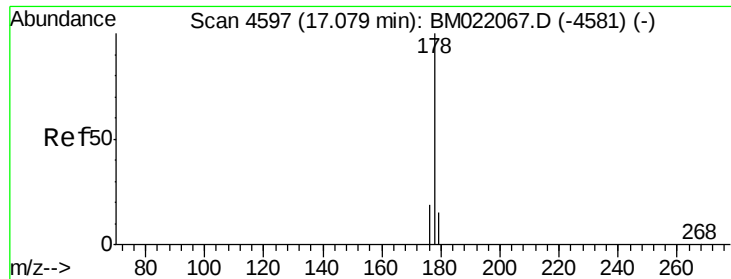
Lab File: BM022074.D

Acq: 13 Aug 2019 17:34

Tgt Ion:	166	Resp:	407
Ion Ratio	Lower	Upper	
166	100		
165	97.5	81.4	122.0
167	31.3	13.7	20.5#

Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#12

Phenanthrene

Concen: 0.760 ng/ul

RT: 17.07 min Scan# 4593

Delta R.T. -0.01 min

Lab File: BM022074.D

Acq: 13 Aug 2019 17:34

Instrument :

BNA_M

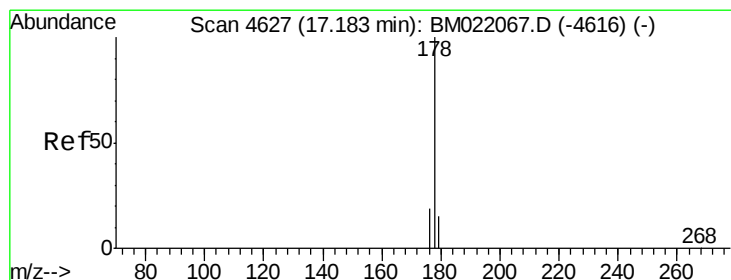
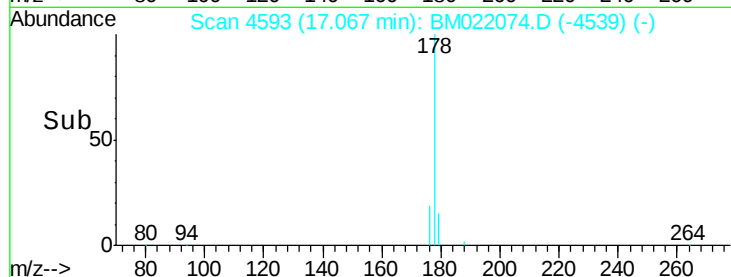
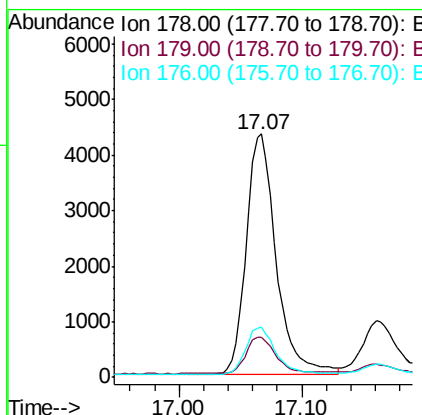
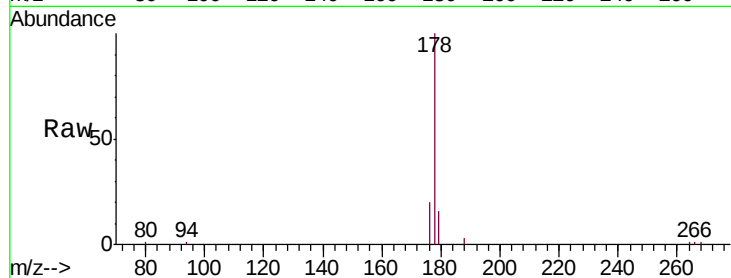
ClientSampleId :

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Tgt Ion:	178	Resp:	7306
Ion Ratio	Lower	Upper	
178	100		
179	16.5	14.2	21.2
176	20.4	16.8	25.2

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#13

Anthracene

Concen: 0.219 ng/ul

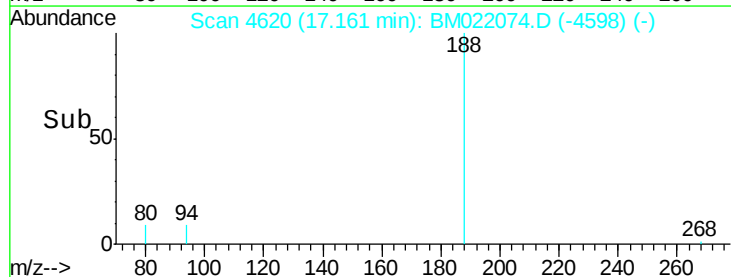
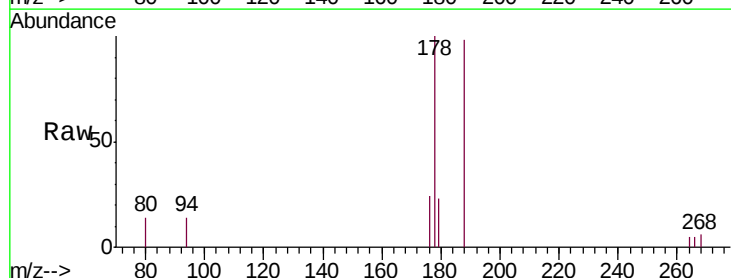
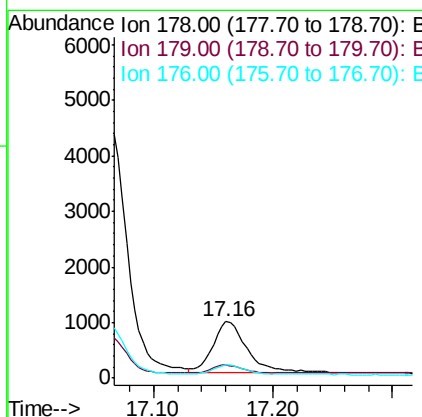
RT: 17.16 min Scan# 4620

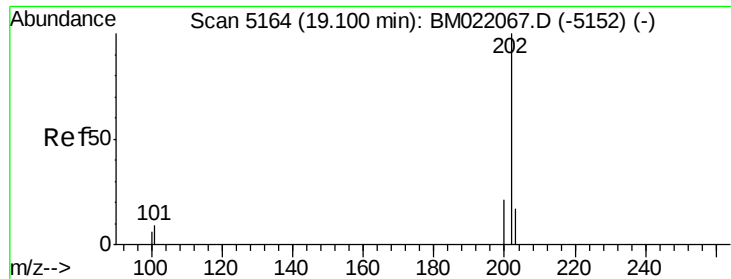
Delta R.T. -0.02 min

Lab File: BM022074.D

Acq: 13 Aug 2019 17:34

Tgt Ion:	178	Resp:	1796
Ion Ratio	Lower	Upper	
178	100		
179	23.0	15.5	23.3
176	23.6	16.6	25.0





#15

Fluoranthene

Concen: 1.018 ng/ul

RT: 19.09 min Scan# 5160

Delta R.T. -0.01 min

Lab File: BM022074.D

Acq: 13 Aug 2019 17:34

Instrument :

BNA_M

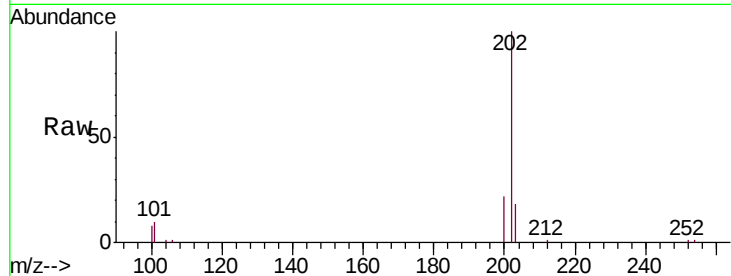
ClientSampleId :

BENW1DL

Tgt Ion:	202	Resp:	13100
Ion Ratio	Lower	Upper	
202	100		
101	9.7	0.0	30.2
100	7.5	0.0	28.1

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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

12000

10000

8000

6000

4000

2000

0

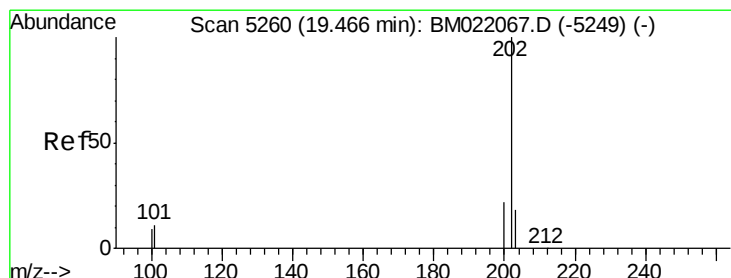
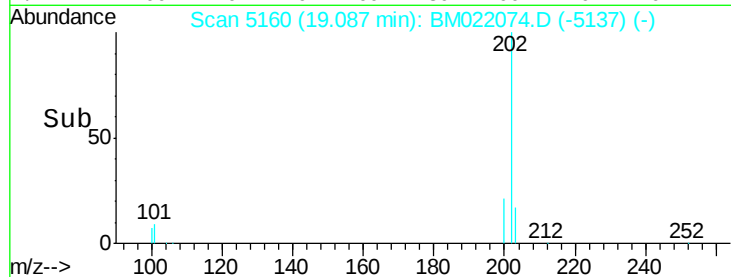
19.09

19.00

19.10

19.20

Time-->



#17

Pyrene

Concen: 0.887 ng/ul

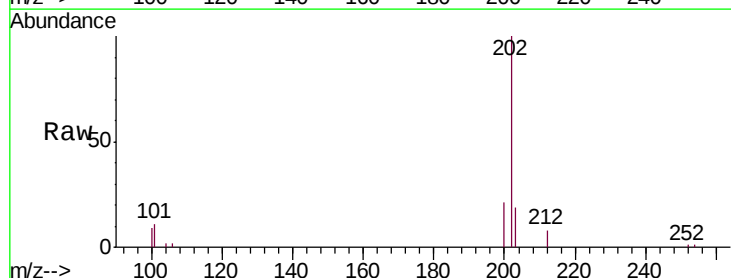
RT: 19.45 min Scan# 5256

Delta R.T. -0.01 min

Lab File: BM022074.D

Acq: 13 Aug 2019 17:34

Tgt Ion:	202	Resp:	12153
Ion Ratio	Lower	Upper	
202	100		
101	11.1	8.3	12.5
100	9.0	7.2	10.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

10000

8000

6000

4000

2000

0

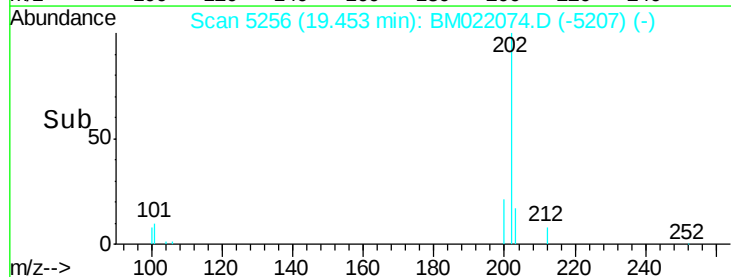
19.45

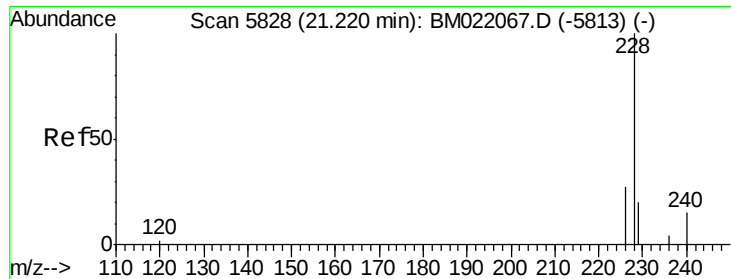
19.40

19.50

19.60

Time-->





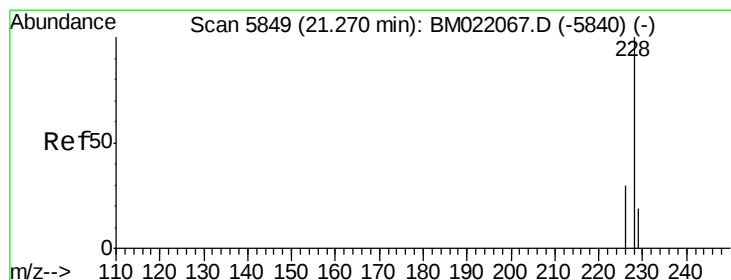
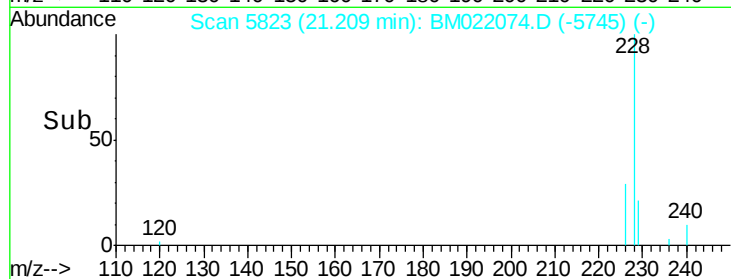
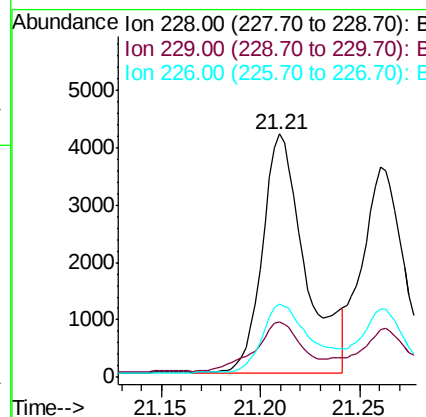
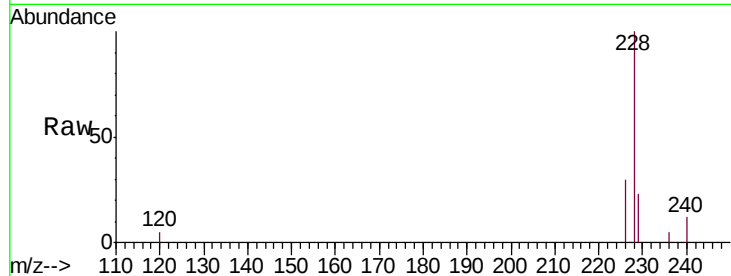
#18
Benzo(a)anthracene
Concen: 0.518 ng/ul
RT: 21.21 min Scan# 5823
Delta R.T. -0.01 min
Lab File: BM022074.D
Acq: 13 Aug 2019 17:34

Instrument :
BNA_M
ClientSampleId :
BENW1DL

Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.7	17.2	25.8
226	30.4	22.6	34.0

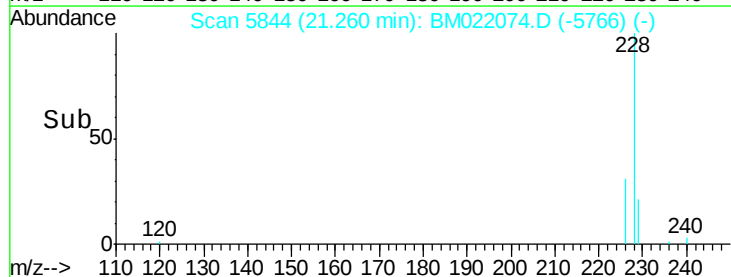
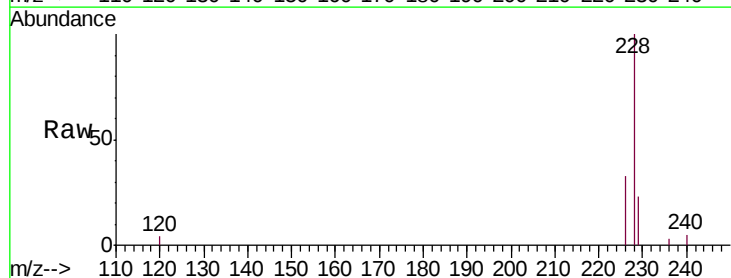
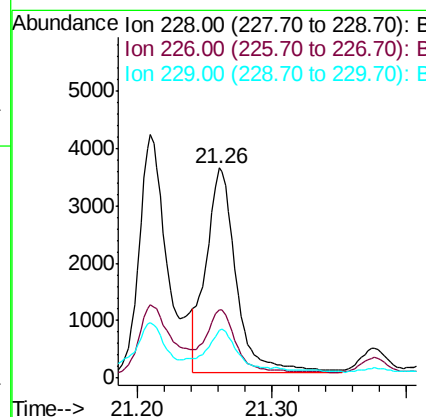
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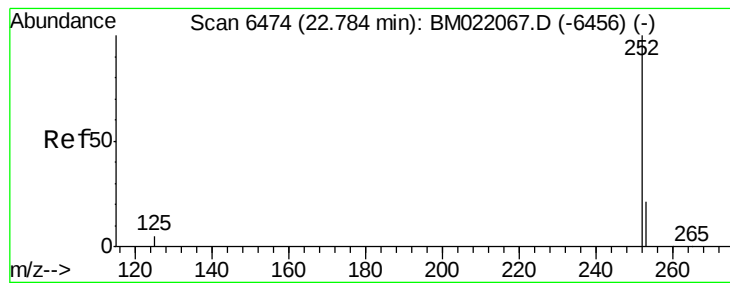
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#19
Chrysene
Concen: 0.364 ng/ul
RT: 21.26 min Scan# 5844
Delta R.T. -0.01 min
Lab File: BM022074.D
Acq: 13 Aug 2019 17:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.7	24.9	37.3
229	22.6	16.6	25.0





#21

Benzo(b)fluoranthene

Concen: 0.668 ng/ul m

RT: 22.77 min Scan# 6469

Delta R.T. -0.01 min

Lab File: BM022074.D

Acq: 13 Aug 2019 17:34

Instrument :

BNA_M

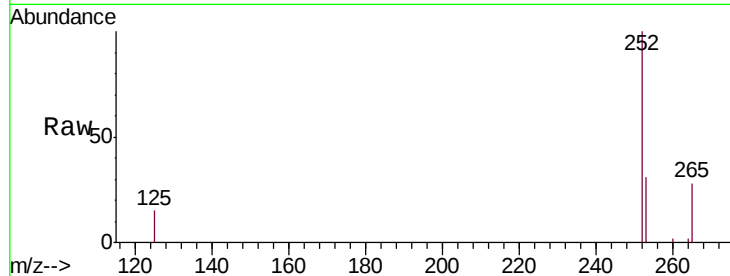
ClientSampleId :

BENW1DL

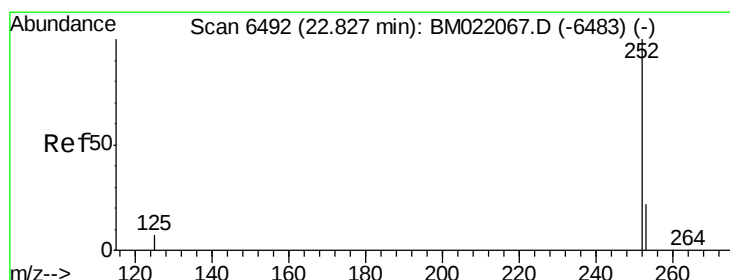
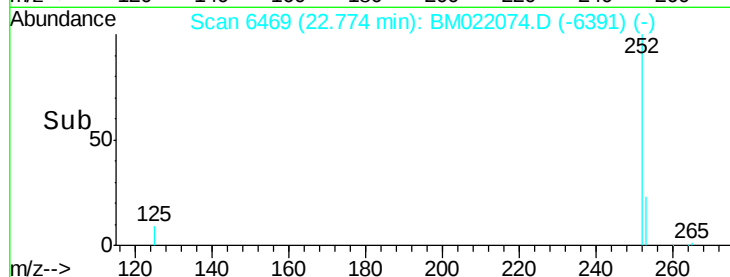
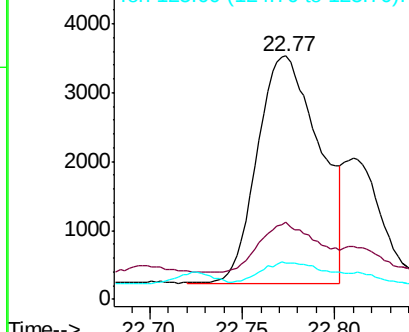
Tgt Ion:	252	Resp:	7731
Ion Ratio	Lower	Upper	
252	100		
253	31.5	0.0	67.4
125	15.0	0.0	31.0

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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: 0.205 ng/ul m

RT: 22.81 min Scan# 6484

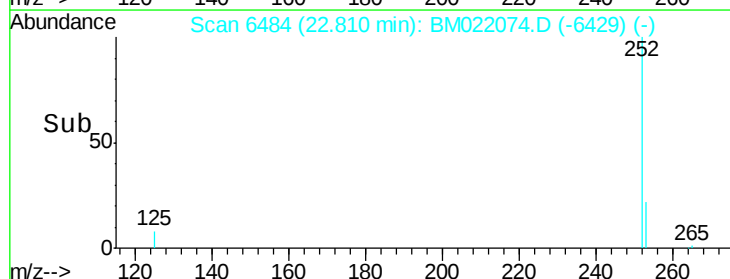
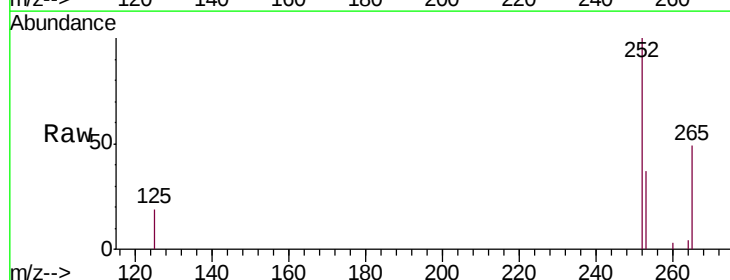
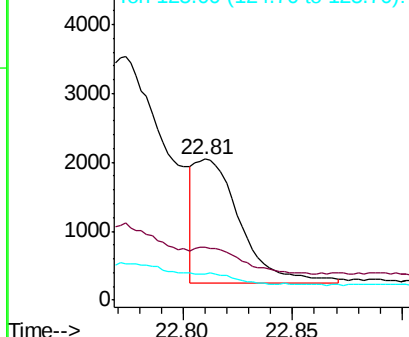
Delta R.T. -0.02 min

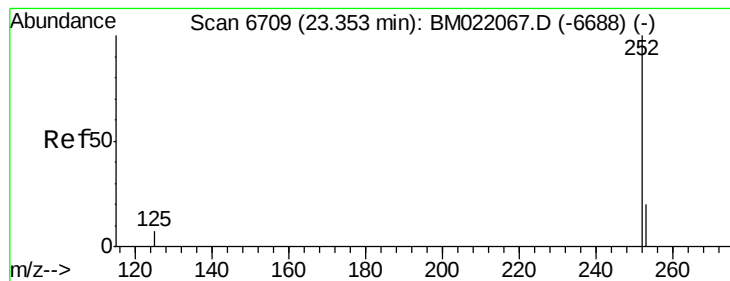
Lab File: BM022074.D

Acq: 13 Aug 2019 17:34

Tgt Ion:	252	Resp:	2683
Ion Ratio	Lower	Upper	
252	100		
253	37.4	27.0	40.4
125	18.6	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: 0.445 ng/ul

RT: 23.33 min Scan# 6700

Delta R.T. -0.02 min

Lab File: BM022074.D

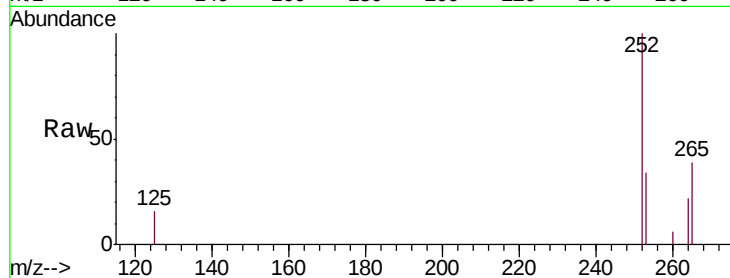
Acq: 13 Aug 2019 17:34

Instrument :

BNA_M

ClientSampleId :

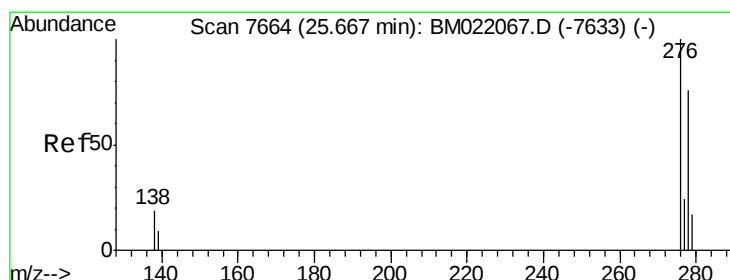
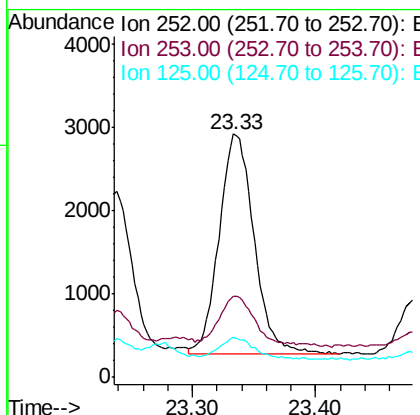
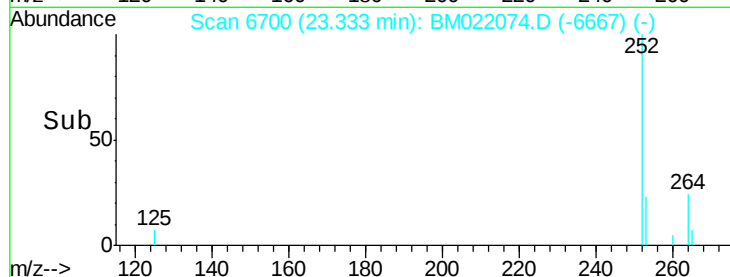
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Tgt Ion:	252	Resp:	5237
Ion Ratio	Lower	Upper	
252	100		
253	33.5	31.7	47.5
125	16.3	14.6	21.8

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.253 ng/ul

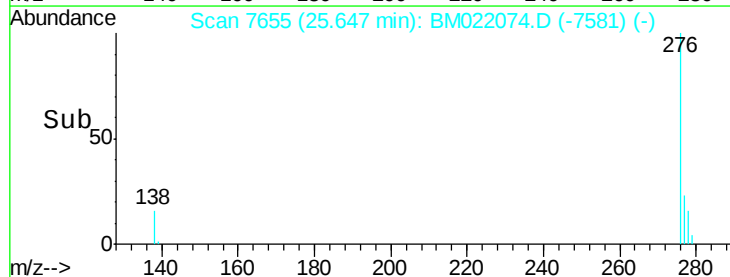
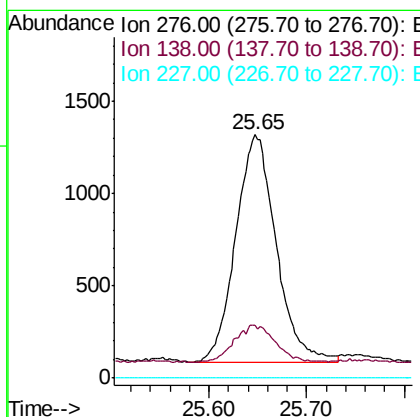
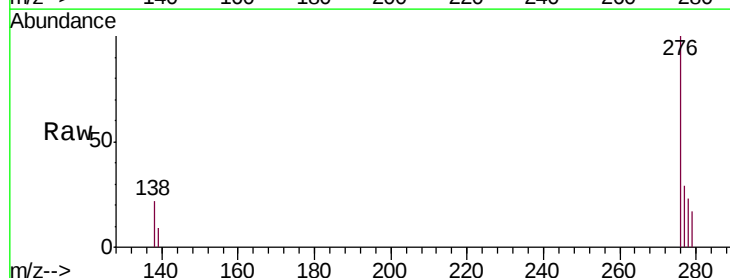
RT: 25.65 min Scan# 7655

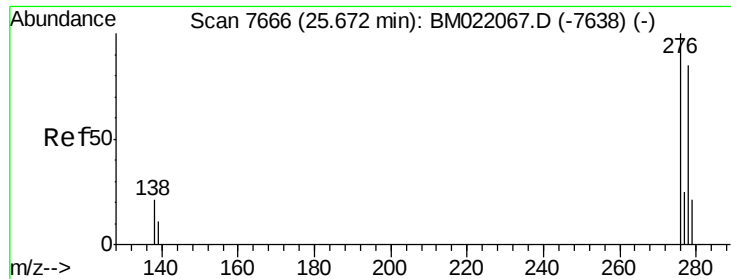
Delta R.T. -0.02 min

Lab File: BM022074.D

Acq: 13 Aug 2019 17:34

Tgt Ion:	276	Resp:	3554
Ion Ratio	Lower	Upper	
276	100		
138	17.6	15.1	22.7
227	0.0	0.0	0.0





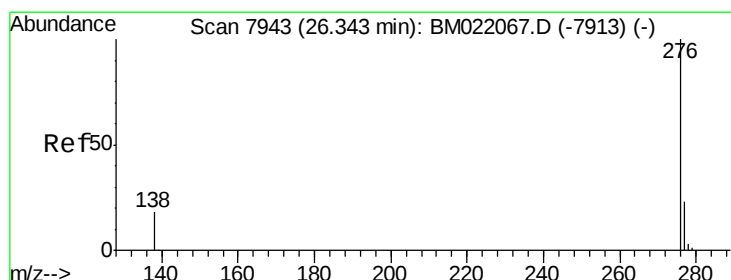
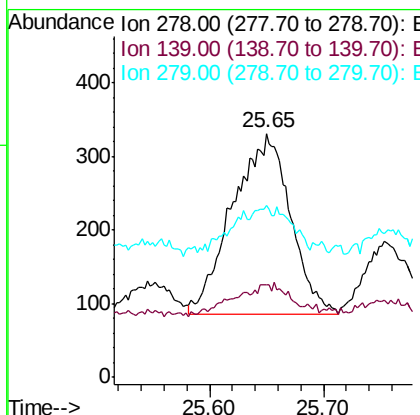
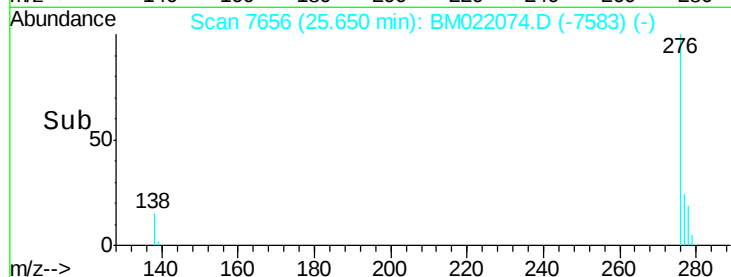
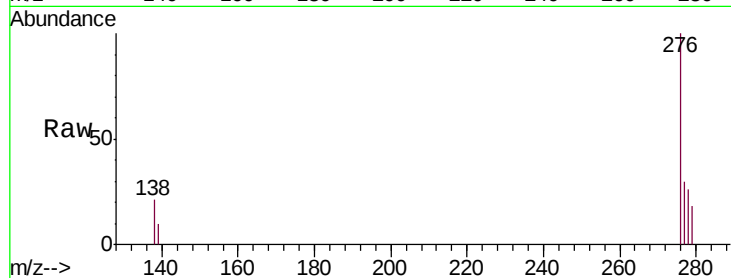
#25
Dibenzo(a,h)anthracene
Concen: 0.076 ng/u1
RT: 25.65 min Scan# 7656
Delta R.T. -0.02 min
Lab File: BM022074.D
Acq: 13 Aug 2019 17:34

Instrument :
BNA_M
ClientSampleId :
BENW1DL

Tgt Ion	Ratio	Lower	Upper
278	100		
139	38.1	14.2	21.2#
279	70.7	28.3	42.5#

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#26
Benzo(g,h,i)perylene
Concen: 0.271 ng/u1
RT: 26.33 min Scan# 7935
Delta R.T. -0.02 min
Lab File: BM022074.D
Acq: 13 Aug 2019 17:34

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.3	15.5	23.3#
277	30.7	21.4	32.2

