

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
 Data File : BM021912.D
 Acq On : 08 Aug 2019 00:58
 Operator : HP/JU
 Sample : K4029-07
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENX8

Manual Integrations
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mohammad
 8/9/2019 6:11:17 AM

Quant Time: Aug 16 07:19:46 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 : Thu Aug 08 04:39:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	856	0.40	ng/ul	0.00
2) Naphthalene-d8	10.40	136	3675	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.28	164	2068	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	4818m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.23	240	4522m	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	4449m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	1352	0.22	ng/ul	0.00
14) Fluoranthene-d10	19.07	212	3470m	0.21	ng/ul	-0.01
Target Compounds				Ovalue		
7) Acenaphthylene	14.00	152	826	0.086	ng/ul#	1
9) Fluorene	15.33	166	227	0.026	ng/ul#	90
12) Phenanthrene	17.07	178	4556	0.325	ng/ul	99
13) Anthracene	17.16	178	1110m	0.093	ng/ul	
15) Fluoranthene	19.10	202	13997m	0.745	ng/ul	
17) Pyrene	19.46	202	13144	0.707	ng/ul	96
18) Benzo(a)anthracene	21.22	228	6753	0.417	ng/ul	98
19) Chrysene	21.27	228	8249m	0.397	ng/ul	
21) Benzo(b)fluoranthene	22.78	252	10884m	0.725	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	4645m	0.274	ng/ul	
23) Benzo(a)pyrene	23.35	252	7256m	0.476	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.67	276	5328m	0.292	ng/ul	
25) Dibenzo(a,h)anthracene	25.66	278	1387m	0.094	ng/ul	
26) Benzo(g,h,i)perylene	26.35	276	4451m	0.271	ng/ul	

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

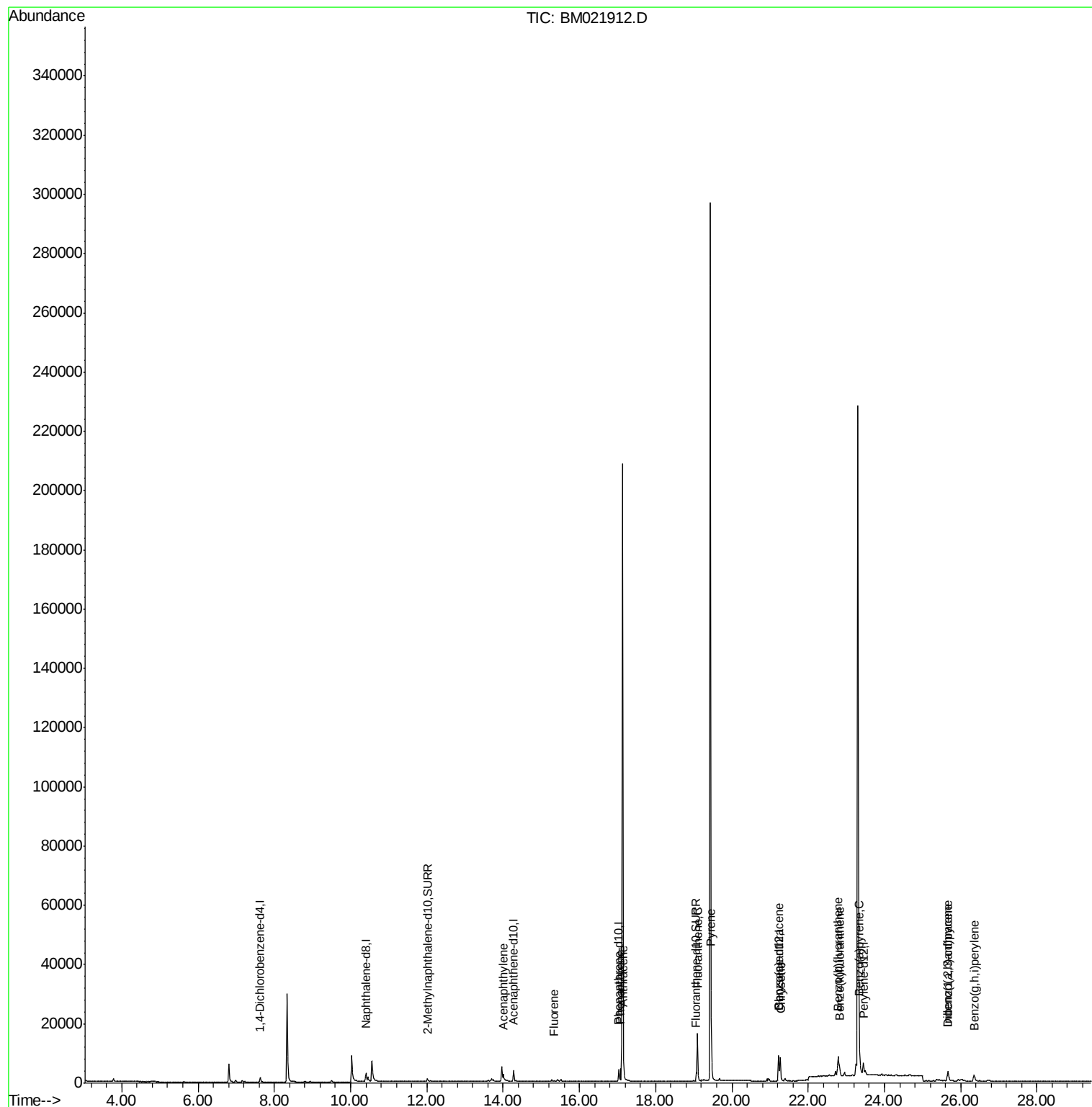
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
Data File : BM021912.D
Acq On : 08 Aug 2019 00:58
Operator : HP/JU
Sample : K4029-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

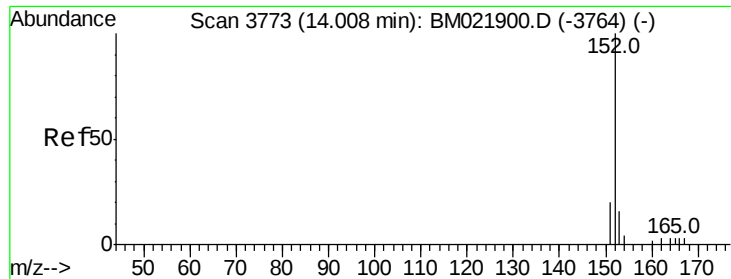
Instrument :
BNA_M
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BENX8

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Quant Time: Aug 16 07:19:46 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 : Thu Aug 08 04:39:13 2019
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#7

Acenaphthylene

Concen: 0.086 ng/ul

RT: 14.00 min Scan# 3771

Delta R.T. -0.01 min

Lab File: BM021912.D

Acq: 08 Aug 2019 00:58

Instrument :

BNA_M

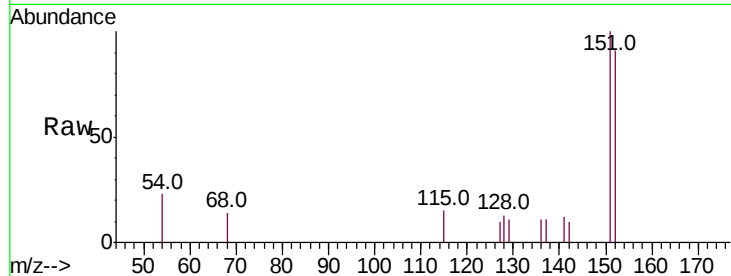
ClientSampleId :

BENX8

Tot Ion:	152	Resp:	826
Ion Ratio	Lower	Upper	
152	100		
151	110.3	18.3	27.5#
153	0.0	12.8	19.2#

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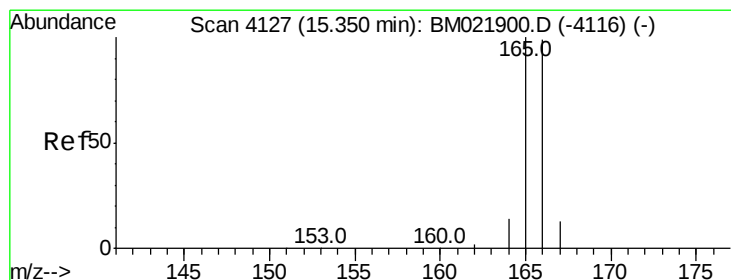
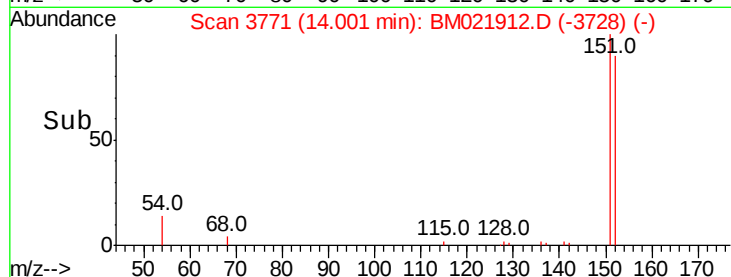
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

14.00

Time-->



#9

Fluorene

Concen: 0.026 ng/ul

RT: 15.33 min Scan# 4122

Delta R.T. -0.02 min

Lab File: BM021912.D

Acq: 08 Aug 2019 00:58

Tgt Ion:	166	Resp:	227
Ion Ratio	Lower	Upper	
166	100		
165	105.8	81.4	122.0
167	37.2	13.7	20.5#

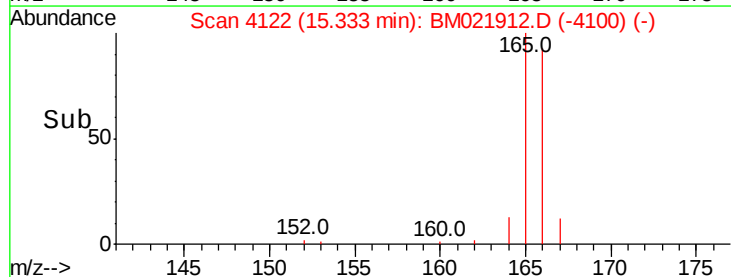
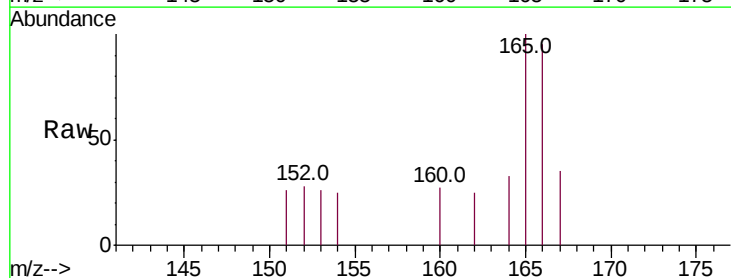
Abundance Ion 166.00 (165.70 to 166.70): E

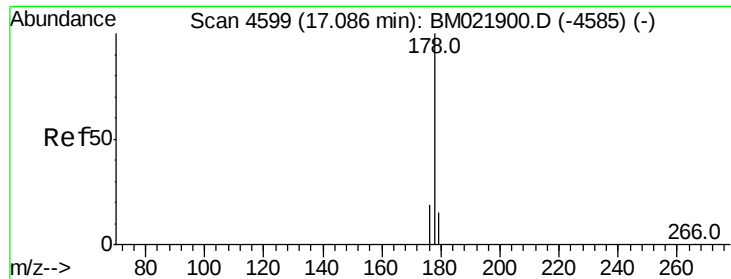
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

15.33

Time-->





#12

Phenanthrene

Concen: 0.325 ng/ul

RT: 17.07 min Scan# 4595

Delta R.T. -0.01 min

Lab File: BM021912.D

Acq: 08 Aug 2019 00:58

Instrument :

BNA_M

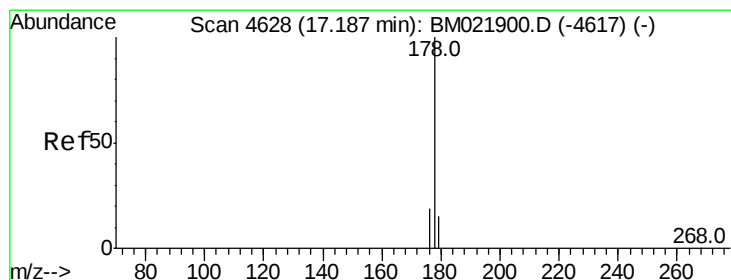
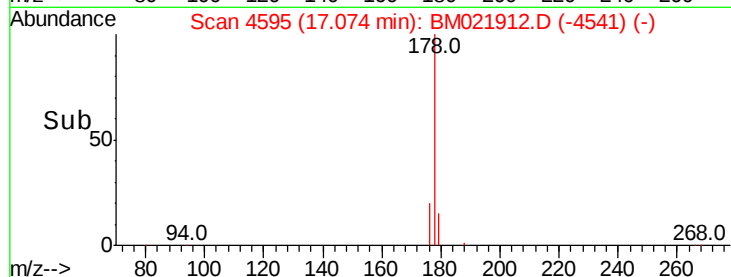
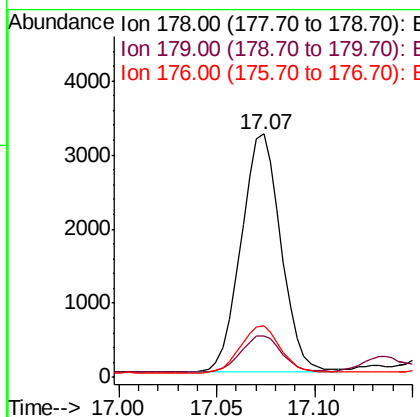
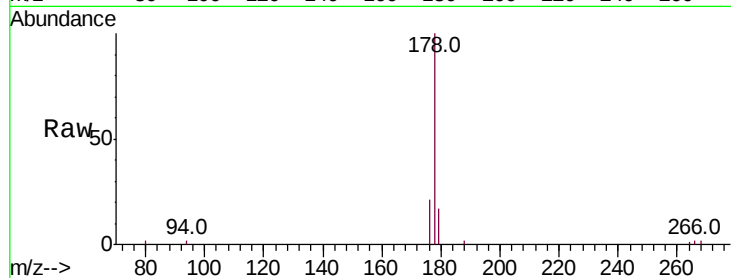
ClientSampleId :

BENX8

Tot Ion:	178	Resp:	4556
Ion	Ratio	Lower	Upper
178	100		
179	17.2	14.2	21.2
176	21.0	16.8	25.2

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#13

Anthracene

Concen: 0.093 ng/ul m

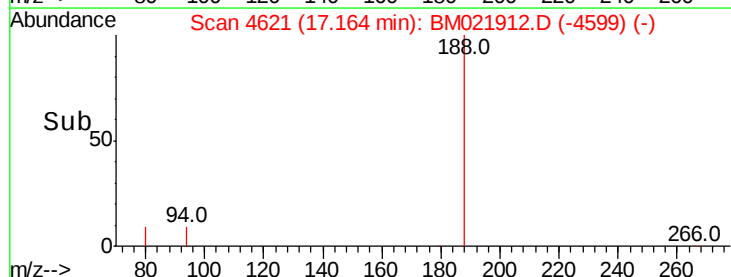
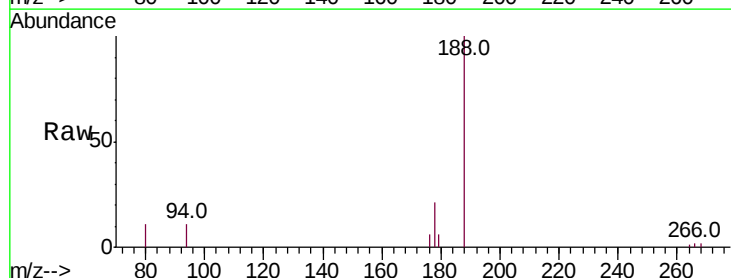
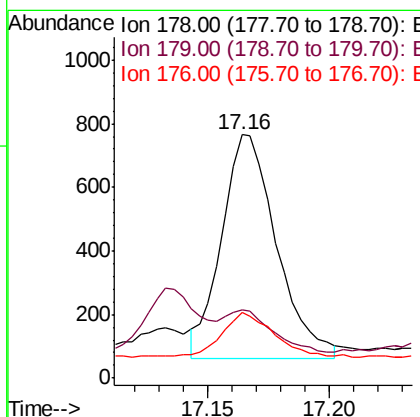
RT: 17.16 min Scan# 4621

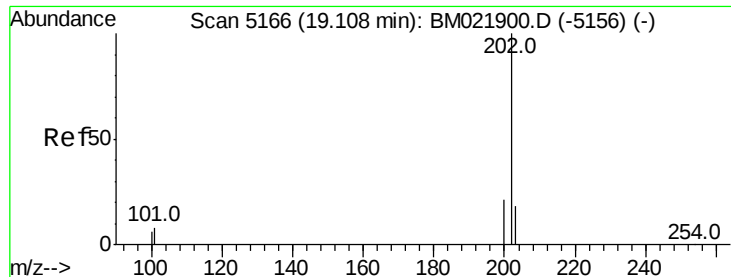
Delta R.T. -0.02 min

Lab File: BM021912.D

Acq: 08 Aug 2019 00:58

Tgt Ion:	178	Resp:	1110
Ion	Ratio	Lower	Upper
178	100		
179	27.8	15.5	23.3#
176	27.0	16.6	25.0#





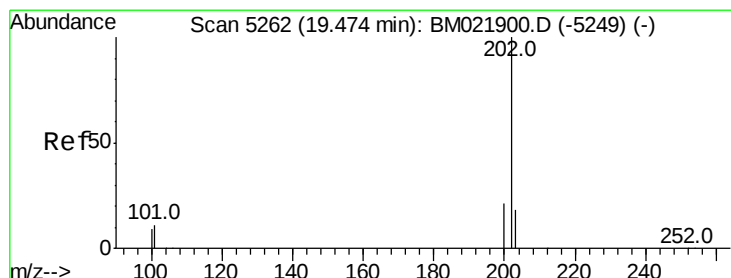
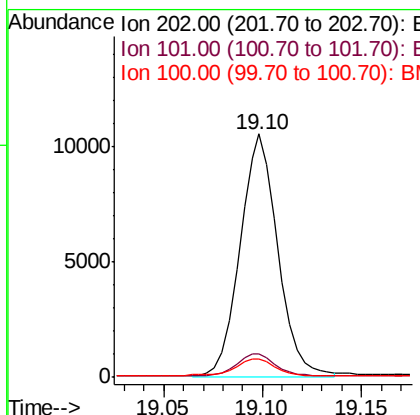
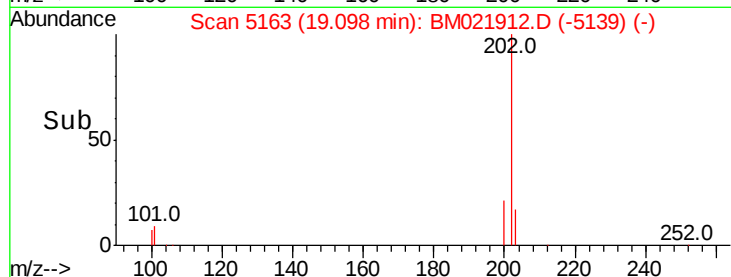
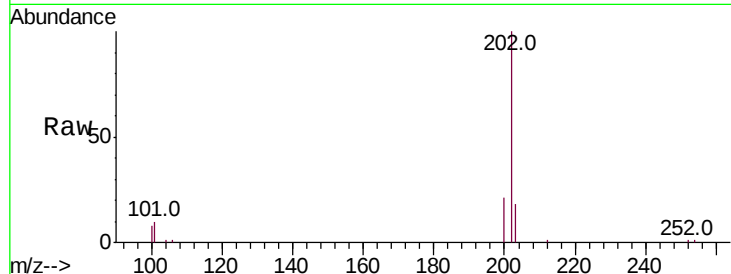
#15
Fluoranthene
Concen: 0.745 ng/ul m
RT: 19.10 min Scan# 5163
Delta R.T. -0.01 min
Lab File: BM021912.D
Acq: 08 Aug 2019 00:58

Instrument :
BNA_M
ClientSampleId :
BENX8

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.6	0.0	30.2
100	7.6	0.0	28.1

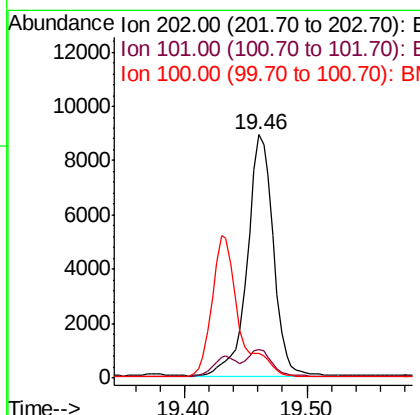
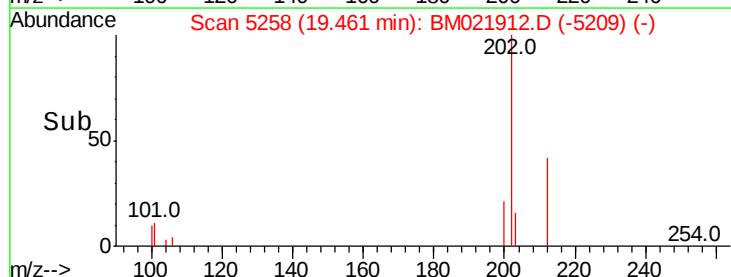
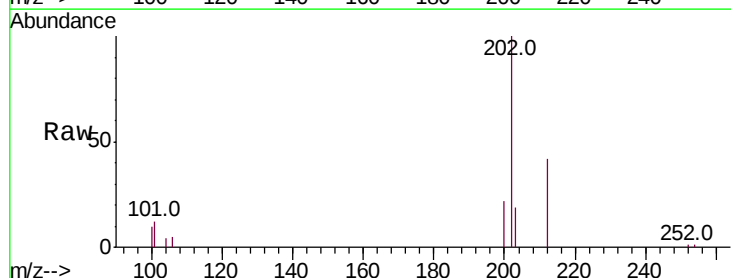
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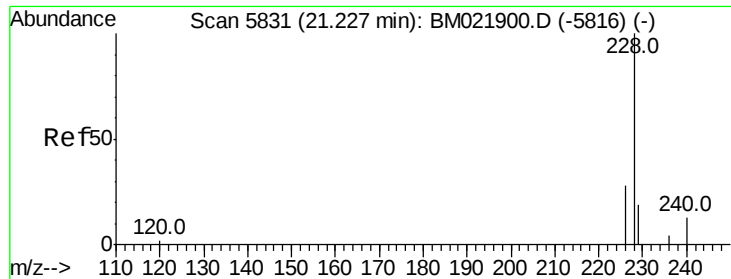
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#17
Pyrene
Concen: 0.707 ng/ul
RT: 19.46 min Scan# 5258
Delta R.T. -0.01 min
Lab File: BM021912.D
Acq: 08 Aug 2019 00:58

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	12.0	8.3	12.5
100	10.3	7.2	10.8





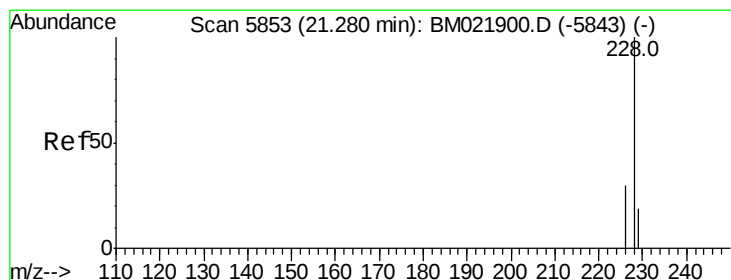
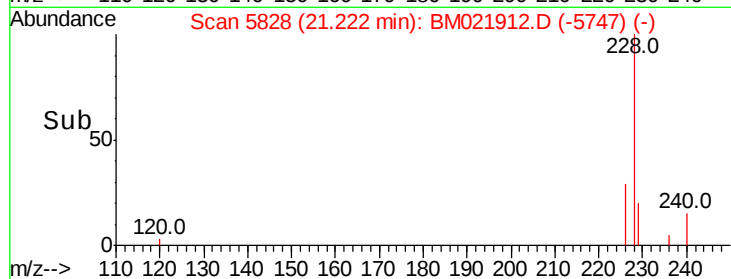
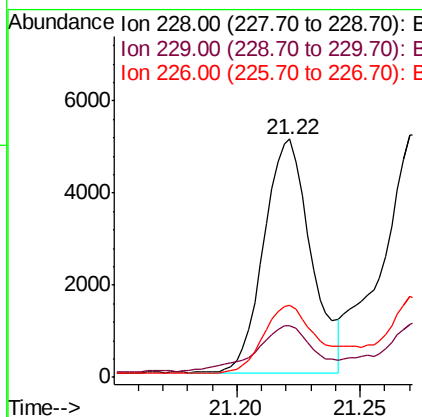
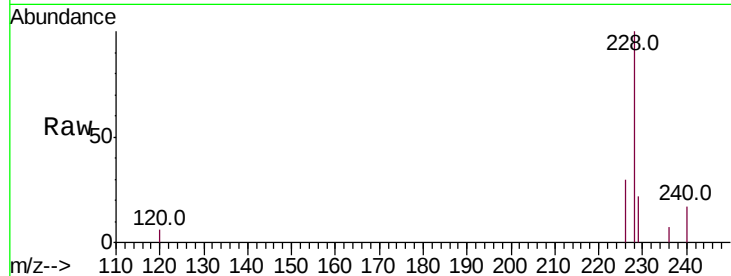
#18
Benzo(a)anthracene
Concen: 0.417 ng/ul
RT: 21.22 min Scan# 5828
Delta R.T. -0.01 min
Lab File: BM021912.D
Acq: 08 Aug 2019 00:58

Instrument :
BNA_M
ClientSampleId :
BENX8

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.9	17.2	25.8
226	30.3	22.6	34.0

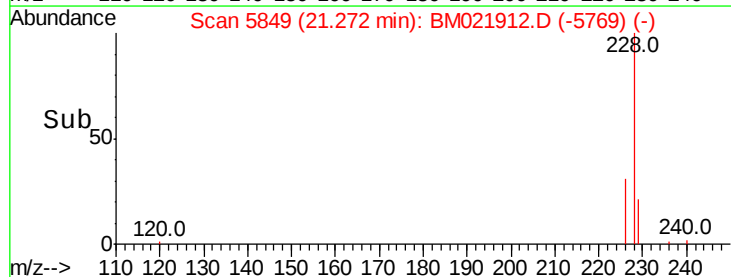
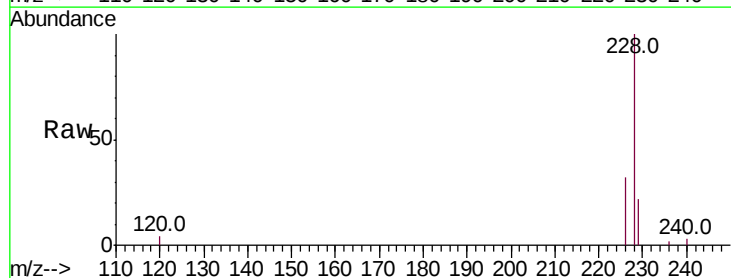
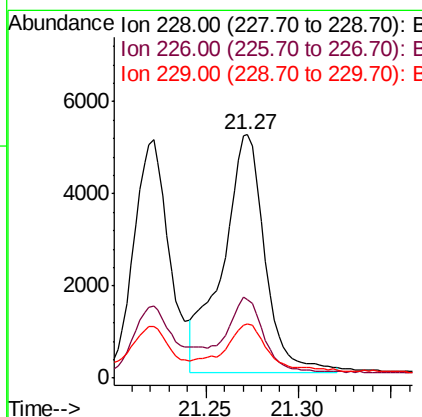
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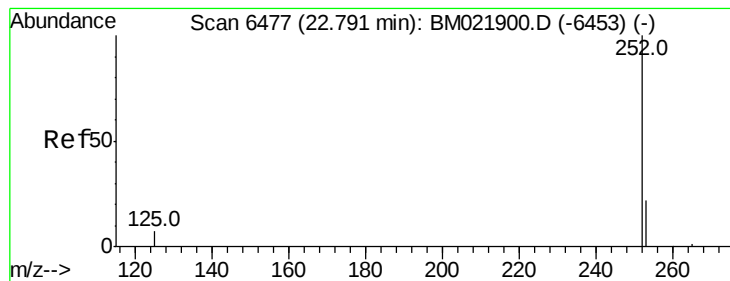
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#19
Chrysene
Concen: 0.397 ng/ul m
RT: 21.27 min Scan# 5849
Delta R.T. -0.01 min
Lab File: BM021912.D
Acq: 08 Aug 2019 00:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.1	24.9	37.3
229	22.5	16.6	25.0





#21

Benzo(b)fluoranthene

Concen: 0.725 ng/ul m

RT: 22.78 min Scan# 6472

Delta R.T. -0.01 min

Lab File: BM021912.D

Acq: 08 Aug 2019 00:58

Instrument :

BNA_M

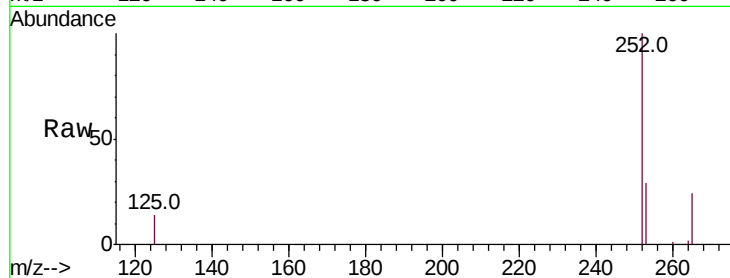
ClientSampleId :

BENX8

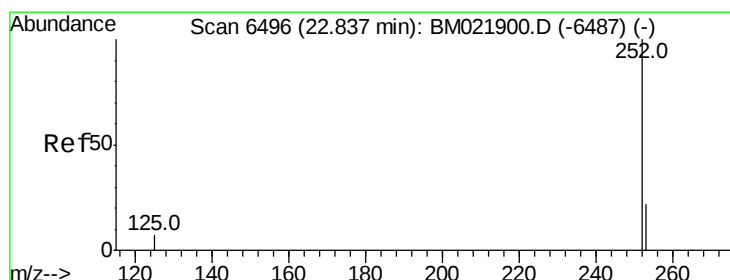
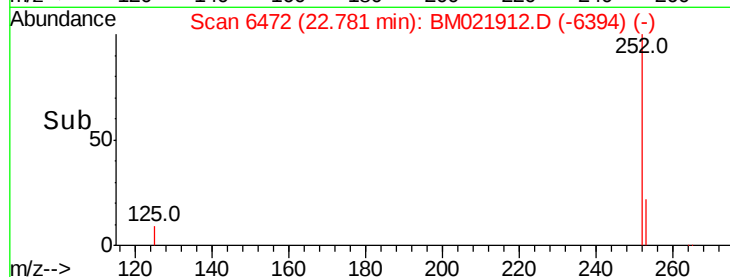
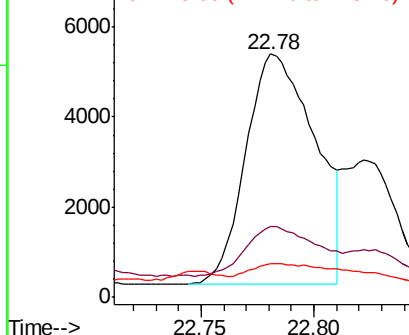
Tot Ion:	252	Resp:	10884
Ion Ratio	Lower	Upper	
252	100		
253	29.1	0.0	67.4
125	13.7	0.0	31.0

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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: 0.274 ng/ul m

RT: 22.82 min Scan# 6489

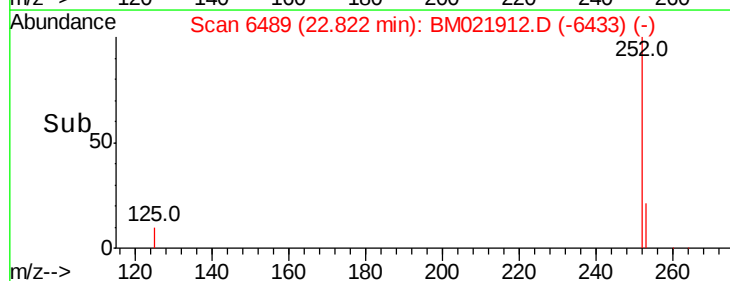
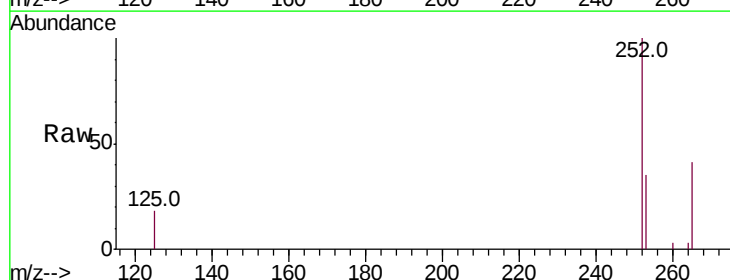
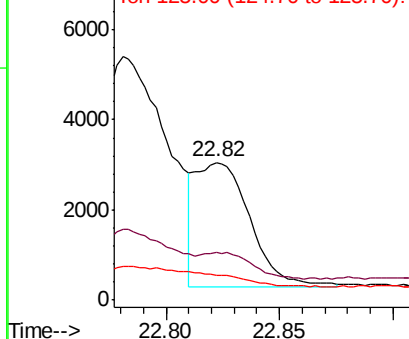
Delta R.T. -0.01 min

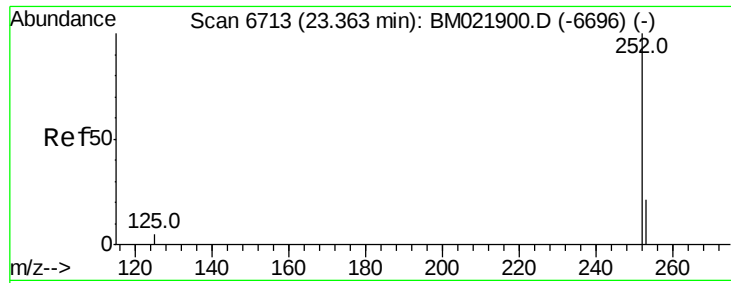
Lab File: BM021912.D

Acq: 08 Aug 2019 00:58

Tgt Ion:	252	Resp:	4645
Ion Ratio	Lower	Upper	
252	100		
253	34.9	27.0	40.4
125	18.4	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





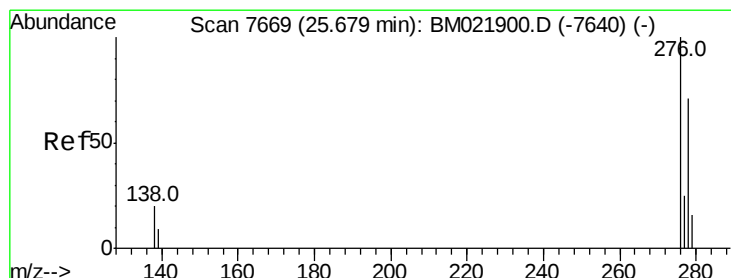
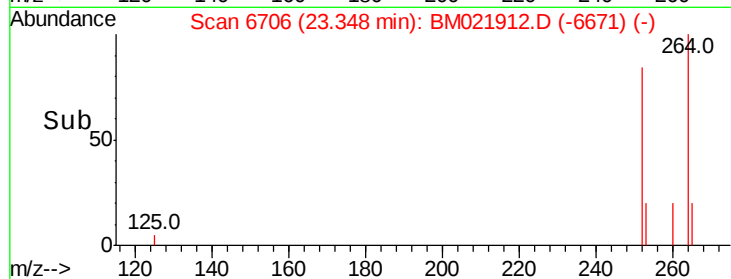
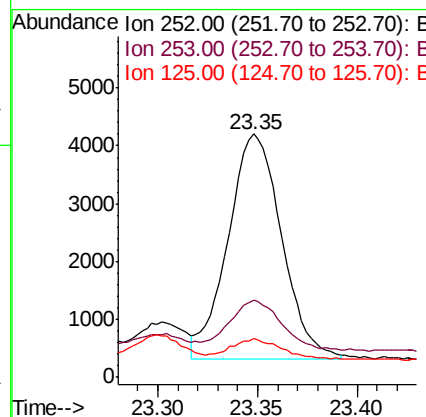
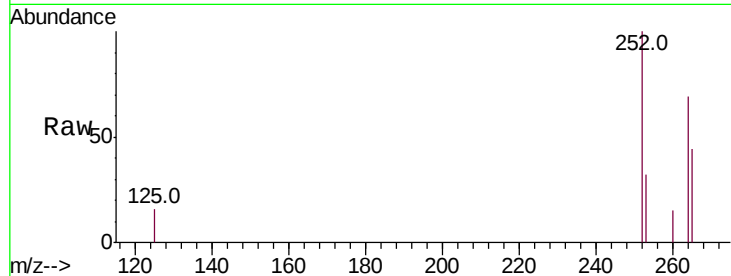
#23
Benzo(a)pyrene
Concen: 0.476 ng/ul m
RT: 23.35 min Scan# 6706
Delta R.T. -0.01 min
Lab File: BM021912.D
Acq: 08 Aug 2019 00:58

Instrument :
BNA_M
ClientSampleId :
BENX8

Tot Ion	Ratio	Lower	Upper
252	100		
253	31.9	31.7	47.5
125	15.8	14.6	21.8

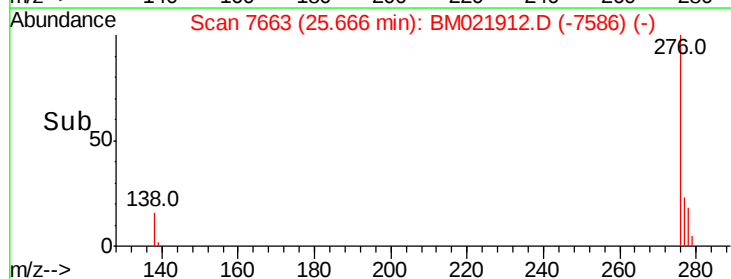
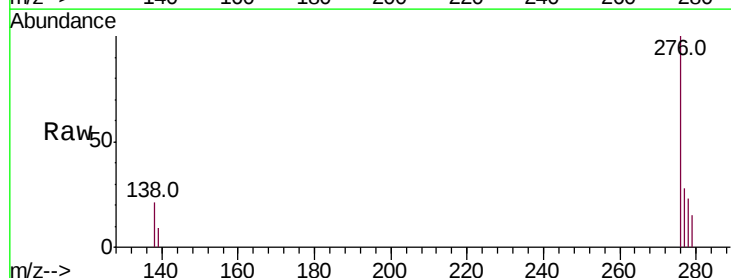
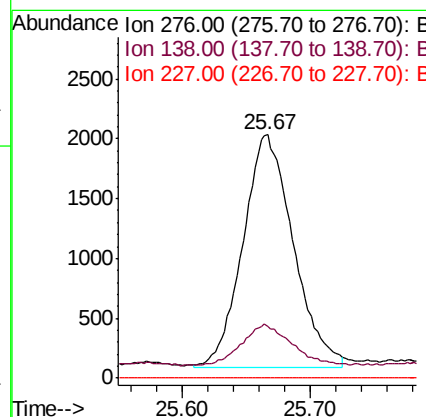
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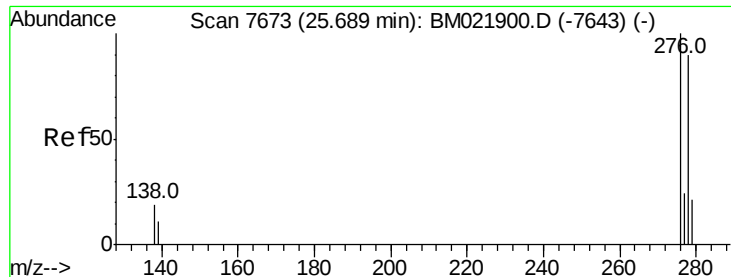
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#24
Indeno(1,2,3-cd)pyrene
Concen: 0.292 ng/ul m
RT: 25.67 min Scan# 7663
Delta R.T. -0.01 min
Lab File: BM021912.D
Acq: 08 Aug 2019 00:58

Tgt Ion	Ratio	Lower	Upper
276	100		
138	0.8	15.1	22.7#
227	0.0	0.0	0.0





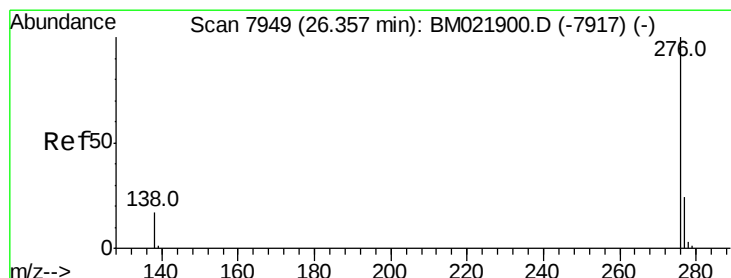
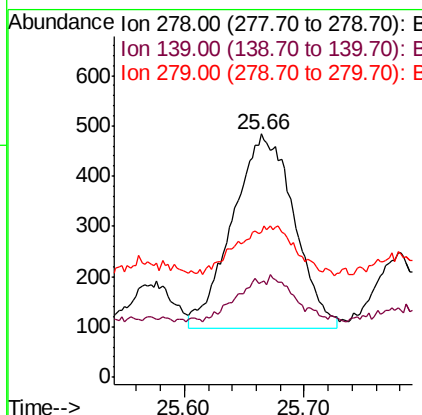
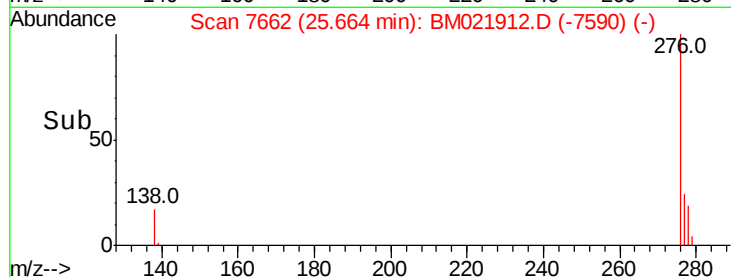
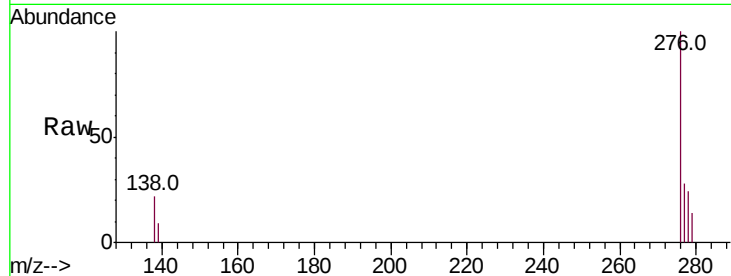
#25
Dibenzo(a,h)anthracene
Concen: 0.094 ng/ul m
RT: 25.66 min Scan# 7662
Delta R.T. -0.02 min
Lab File: BM021912.D
Acq: 08 Aug 2019 00:58

Instrument :
BNA_M
ClientSampled :
BENX8

Tot Ion	Ratio	Lower	Upper
278	100		
139	38.8	14.2	21.2#
279	59.7	28.3	42.5#

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#26
Benzo(g,h,i)perylene
Concen: 0.271 ng/ul m
RT: 26.35 min Scan# 7945
Delta R.T. -0.01 min
Lab File: BM021912.D
Acq: 08 Aug 2019 00:58

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.0	15.5	23.3#
277	30.1	21.4	32.2

