

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080619\
 Data File : BM021879.D
 Acq On : 07 Aug 2019 03:48
 Operator : HP/JU
 Sample : K3893-20
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEP24

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Quant Time: Aug 07 06:07:18 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 07 04:02:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	840	0.40	ng/ul	0.00
2) Naphthalene-d8	10.40	136	3593	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.28	164	2029	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	4684m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.24	240	4222m	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	3923m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	1574	0.27	ng/ul	0.00
14) Fluoranthene-d10	19.07	212	3929m	0.25	ng/ul	-0.01
Target Compounds				Ovalue		
12) Phenanthrene	17.08	178	1427	0.105	ng/ul	94
13) Anthracene	17.17	178	469m	0.040	ng/ul	
15) Fluoranthene	19.10	202	2351m	0.129	ng/ul	
17) Pyrene	19.46	202	2145	0.124	ng/ul#	83
18) Benzo(a)anthracene	21.23	228	1248	0.083	ng/ul#	89
19) Chrysene	21.28	228	1377	0.071	ng/ul#	88
21) Benzo(b)fluoranthene	22.78	252	1578	0.119	ng/ul	62
22) Benzo(k)fluoranthene	22.83	252	1119m	0.075	ng/ul	
23) Benzo(a)pyrene	23.35	252	1210m	0.090	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.69	276	1085m	0.068	ng/ul	
25) Dibenzo(a,h)anthracene	25.70	278	581m	0.045	ng/ul	
26) Benzo(g,h,i)perylene	26.37	276	982m	0.068	ng/ul	

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

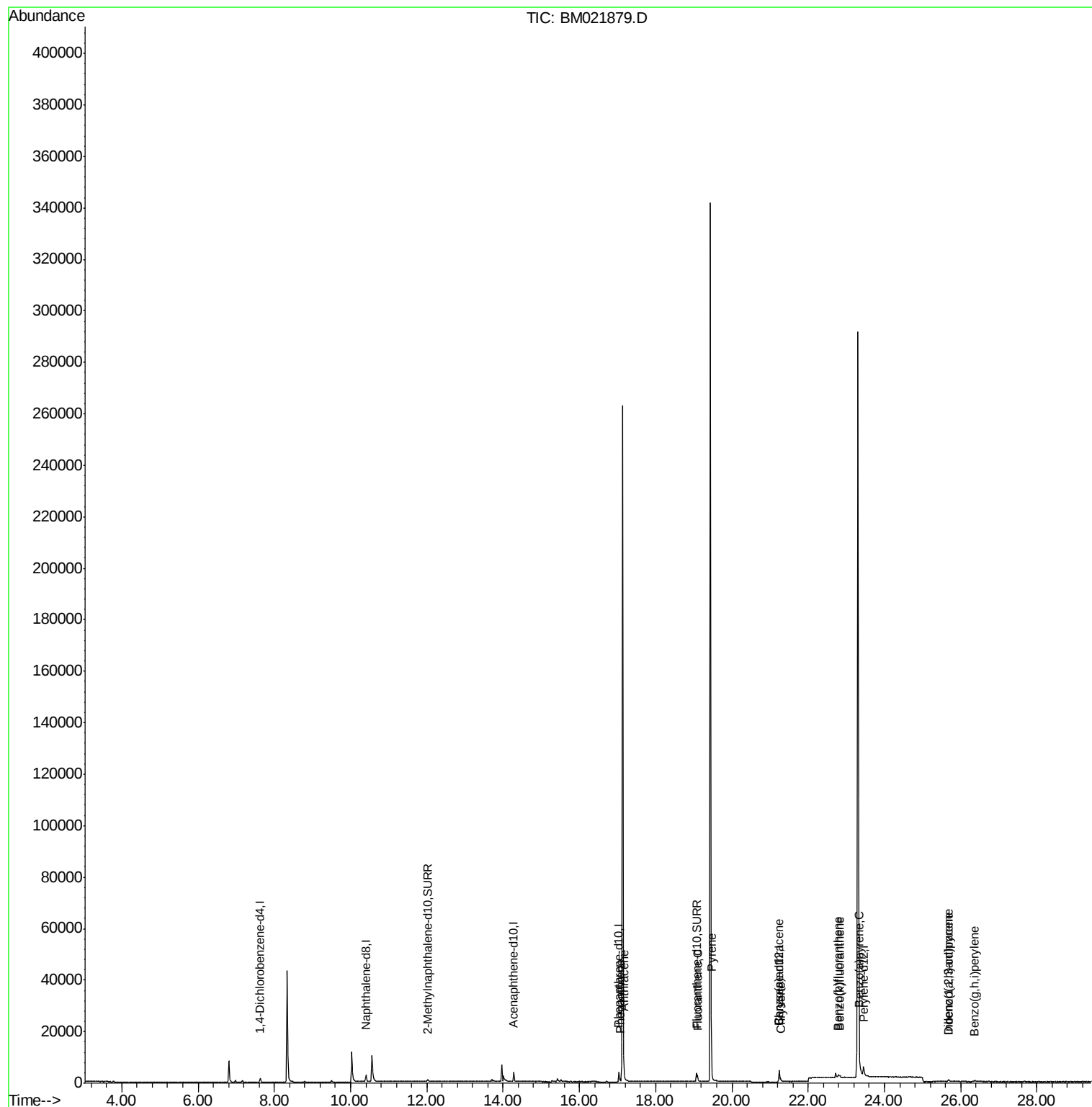
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080619\
Data File : BM021879.D
Acq On : 07 Aug 2019 03:48
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Sample : K3893-20
Misc :
ALS Vial : 19 Sample Multiplier: 1

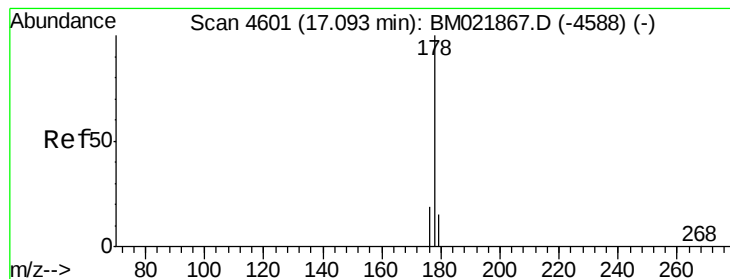
Instrument :
BNA_M
ClientSampleId :
BEP24

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
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#12

Phenanthrene

Concen: 0.105 ng/ul

RT: 17.08 min Scan# 4596

Delta R.T. -0.02 min

Lab File: BM021879.D

Acq: 07 Aug 2019 03:48

Instrument :

BNA_M

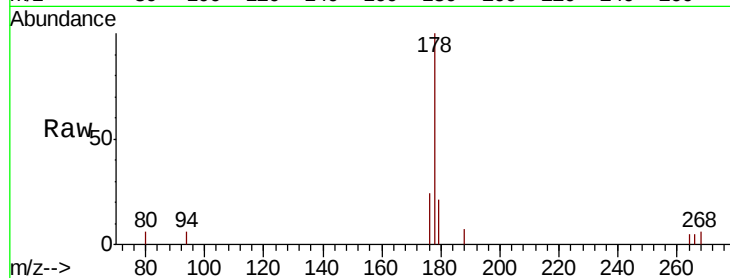
ClientSampleId :

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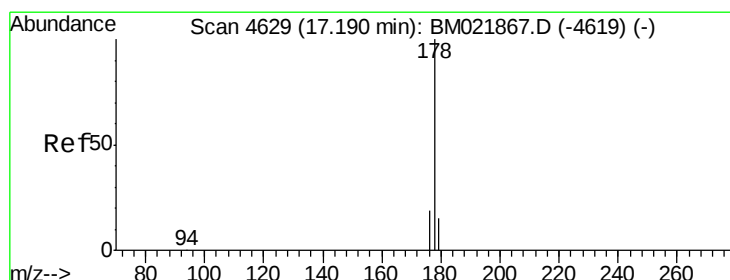
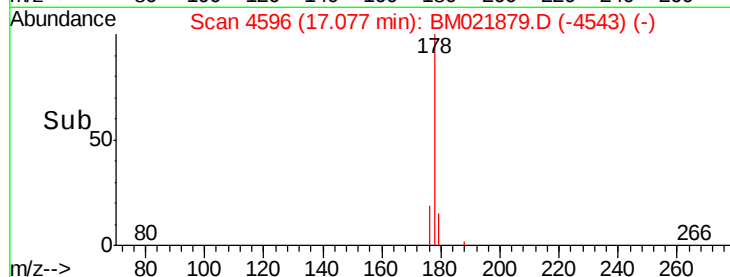
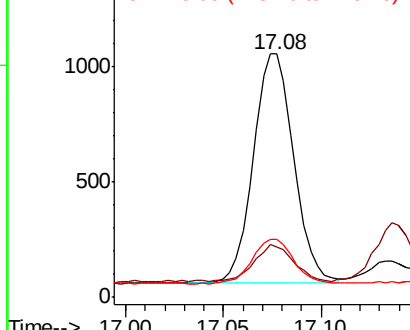
Tot Ion:	178	Resp:	1427
Ion Ratio	Lower	Upper	
178	100		
179	20.7	14.2	21.2
176	23.6	16.8	25.2

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#13

Anthracene

Concen: 0.040 ng/ul m

RT: 17.17 min Scan# 4622

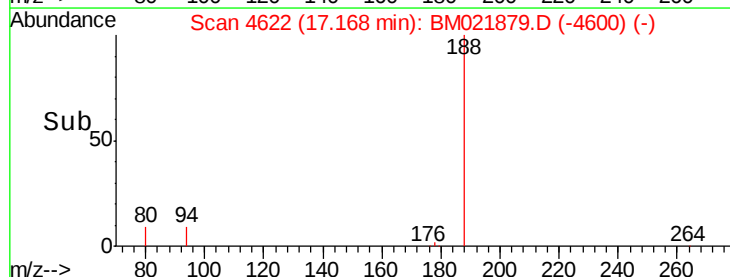
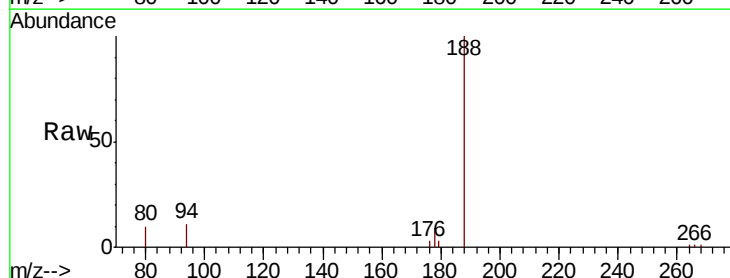
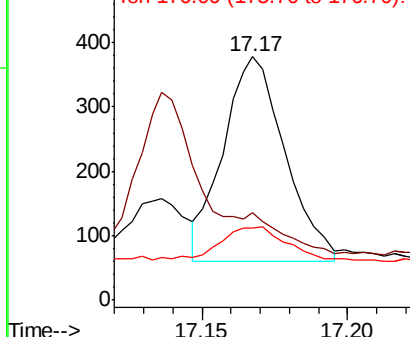
Delta R.T. -0.02 min

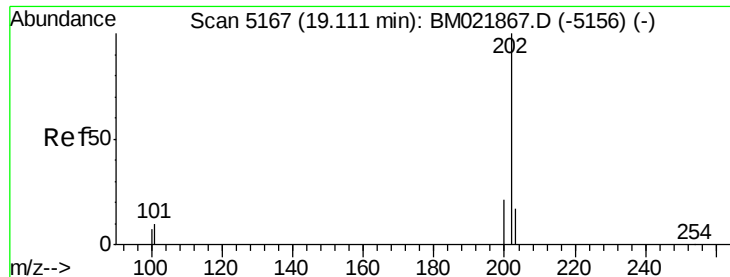
Lab File: BM021879.D

Acq: 07 Aug 2019 03:48

Tgt Ion:	178	Resp:	469
Ion Ratio	Lower	Upper	
178	100		
179	35.7	15.5	23.3#
176	29.6	16.6	25.0#

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.129 ng/ul m

RT: 19.10 min Scan# 5164

Delta R.T. -0.01 min

Lab File: BM021879.D

Acq: 07 Aug 2019 03:48

Instrument :

BNA_M

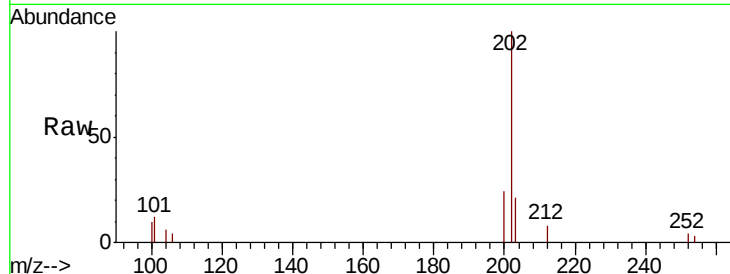
ClientSampleId :

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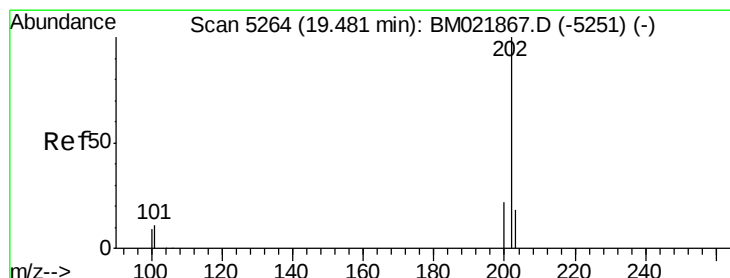
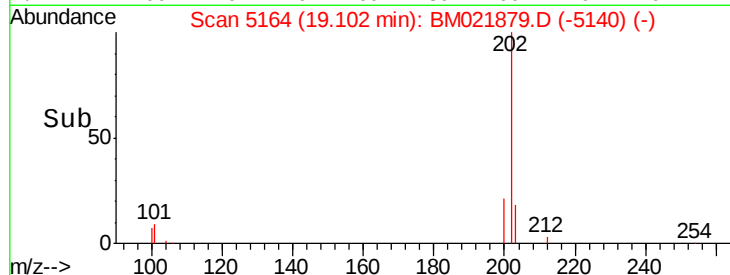
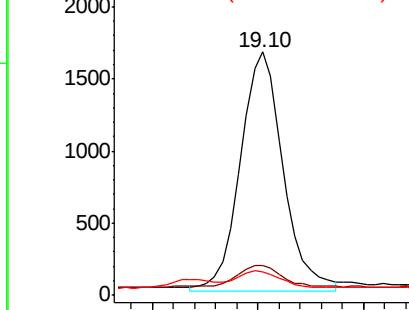
Tot Ion:	202	Resp:	2351
Ion Ratio	Lower	Upper	
202	100		
101	12.1	0.0	30.2
100	9.8	0.0	28.1

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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



#17

Pyrene

Concen: 0.124 ng/ul

RT: 19.46 min Scan# 5259

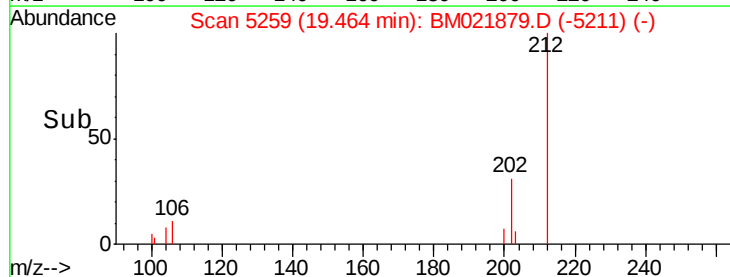
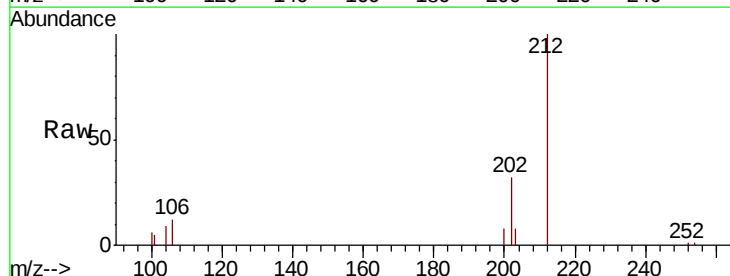
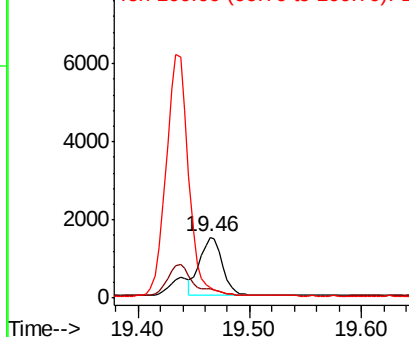
Delta R.T. -0.02 min

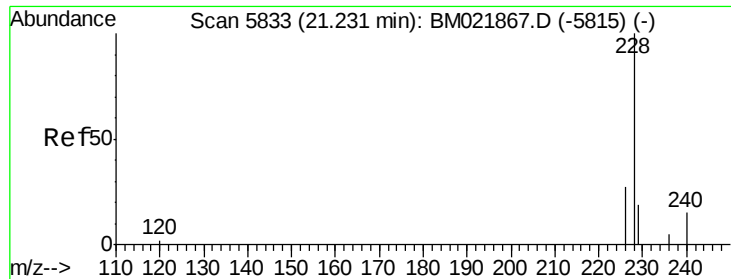
Lab File: BM021879.D

Acq: 07 Aug 2019 03:48

Tgt Ion:	202	Resp:	2145
Ion Ratio	Lower	Upper	
202	100		
101	14.5	8.3	12.5#
100	17.3	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





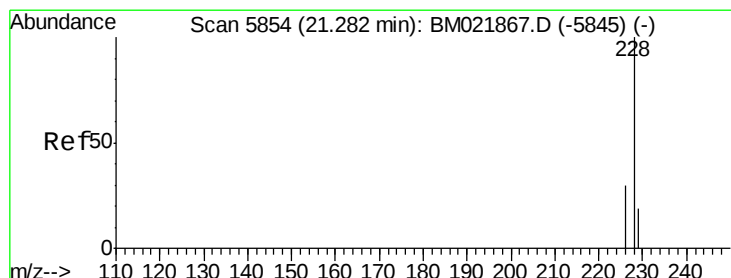
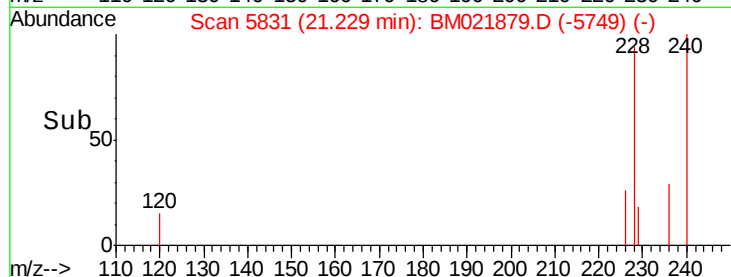
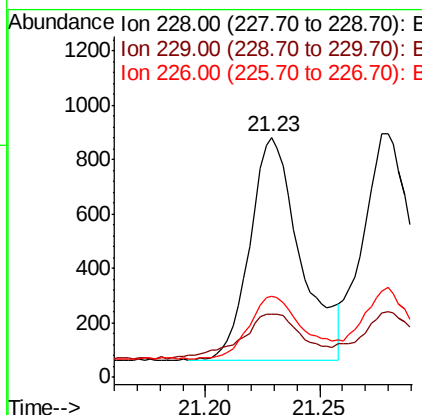
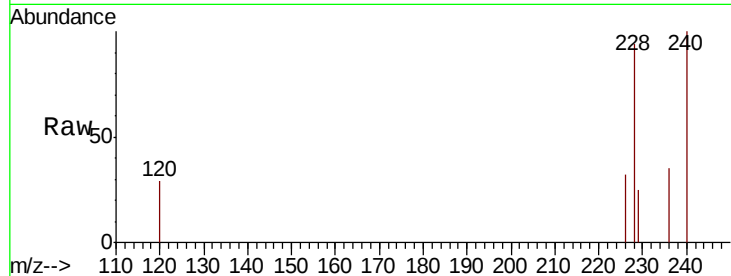
#18
Benzo(a)anthracene
Concen: 0.083 ng/ul
RT: 21.23 min Scan# 5831
Delta R.T. -0.00 min
Lab File: BM021879.D
Acq: 07 Aug 2019 03:48

Instrument :
BNA_M
ClientSampleId :
BEP24

Tot Ion	Ratio	Lower	Upper
228	100		
229	26.5	17.2	25.8#
226	33.9	22.6	34.0

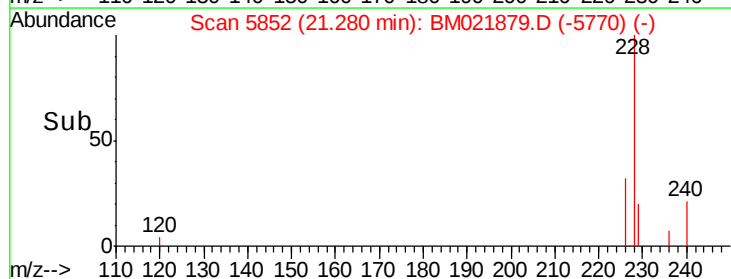
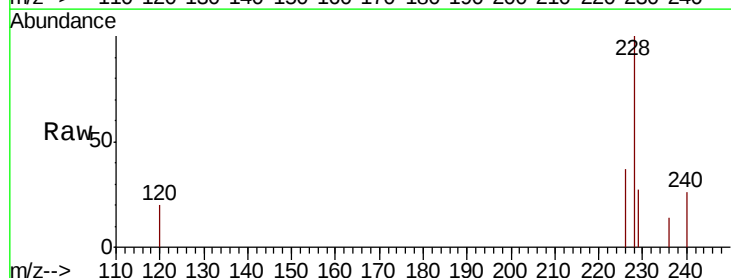
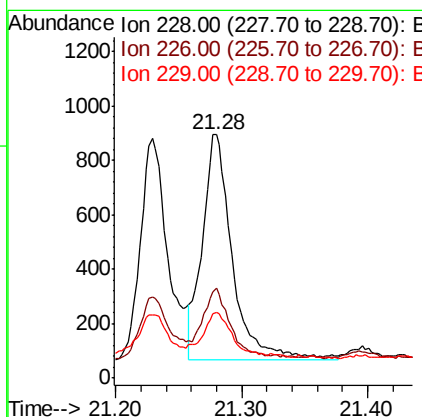
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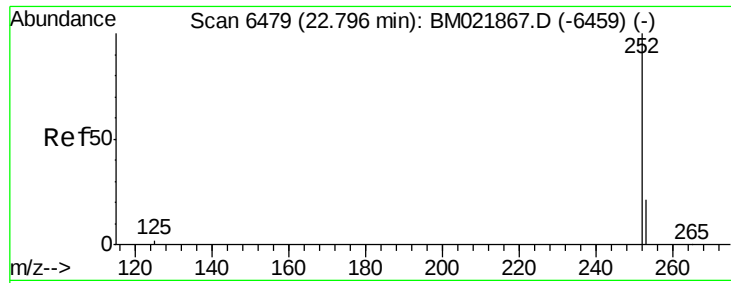
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#19
Chrysene
Concen: 0.071 ng/ul
RT: 21.28 min Scan# 5852
Delta R.T. -0.00 min
Lab File: BM021879.D
Acq: 07 Aug 2019 03:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	36.9	24.9	37.3
229	26.8	16.6	25.0#





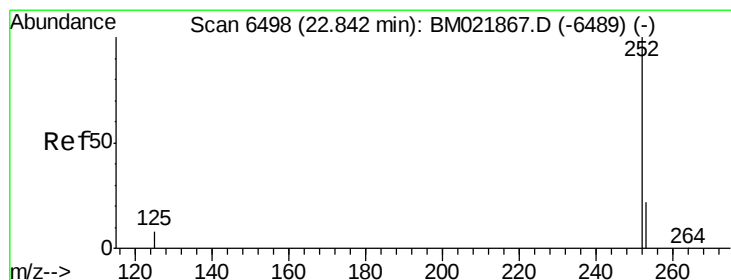
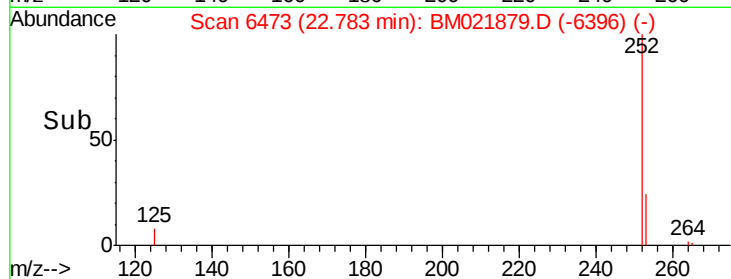
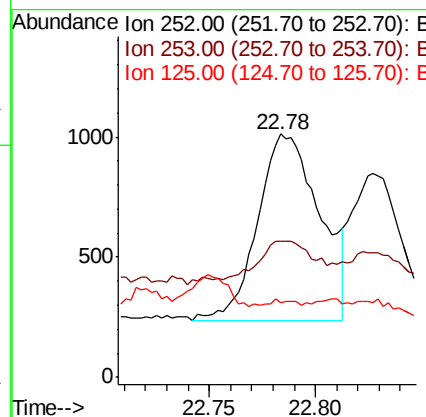
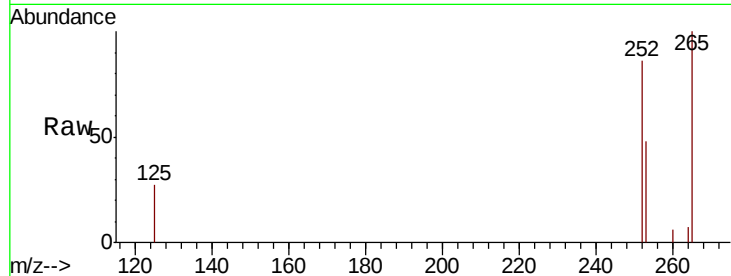
#21
Benzo(b)fluoranthene
Concen: 0.119 ng/ul
RT: 22.78 min Scan# 6473
Delta R.T. -0.01 min
Lab File: BM021879.D
Acq: 07 Aug 2019 03:48

Instrument :
BNA_M
ClientSampleId :
BEP24

Tot Ion	Ratio	Lower	Upper
252	100		
253	55.7	0.0	67.4
125	30.9	0.0	31.0

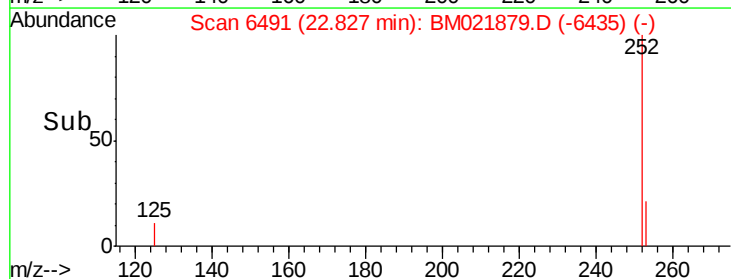
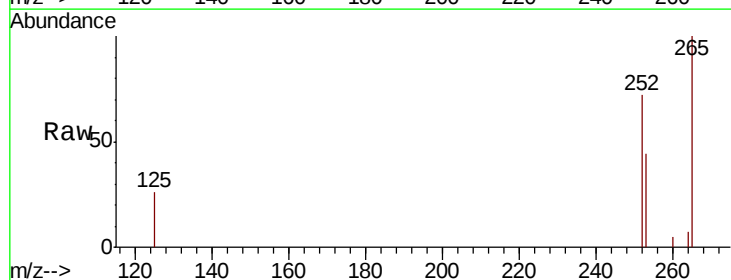
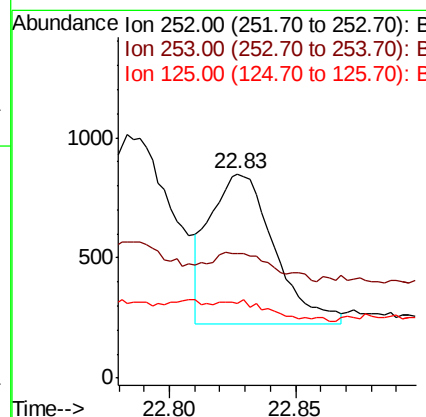
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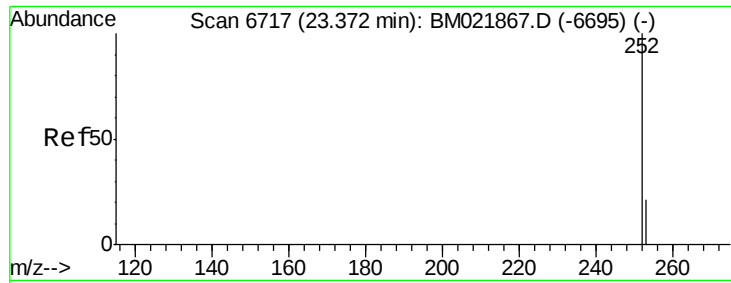
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#22
Benzo(k)fluoranthene
Concen: 0.075 ng/ul m
RT: 22.83 min Scan# 6491
Delta R.T. -0.01 min
Lab File: BM021879.D
Acq: 07 Aug 2019 03:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	61.1	27.0	40.4#
125	36.4	12.2	18.2#





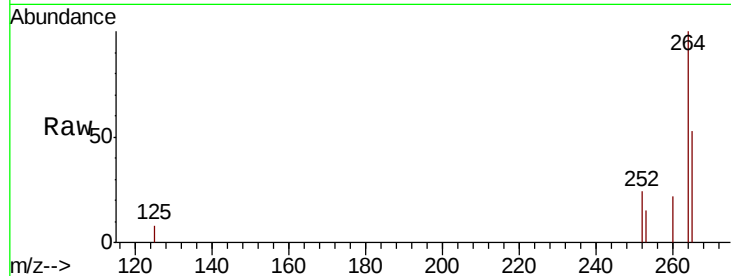
#23
Benzo(a)pyrene
Concen: 0.090 ng/ul m
RT: 23.35 min Scan# 6708
Delta R.T. -0.02 min
Lab File: BM021879.D
Acq: 07 Aug 2019 03:48

Instrument :
BNA_M
ClientSampleId :
BEP24

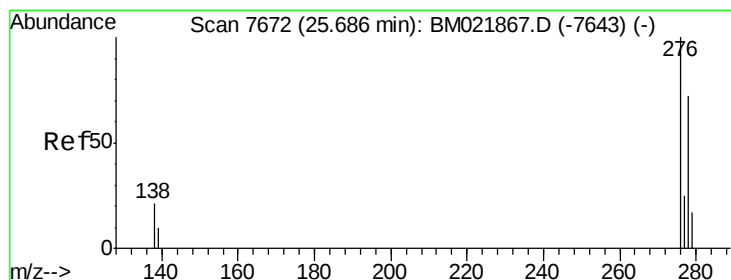
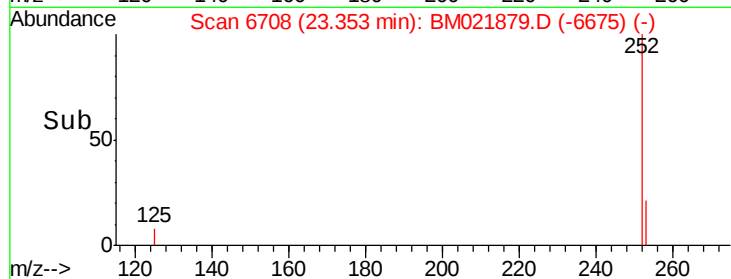
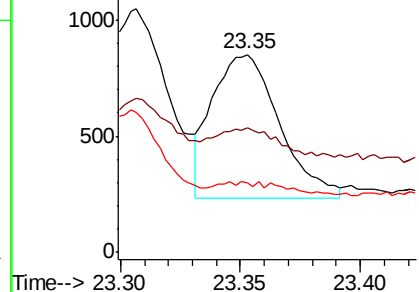
Tot Ion	Ratio	Lower	Upper
252	100		
253	63.3	31.7	47.5#
125	35.4	14.6	21.8#

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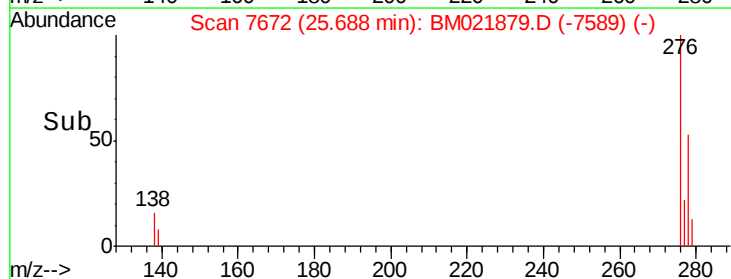
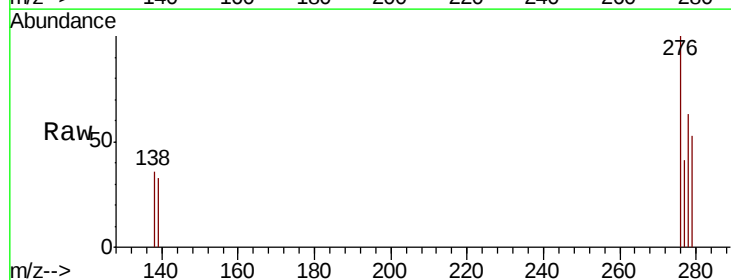
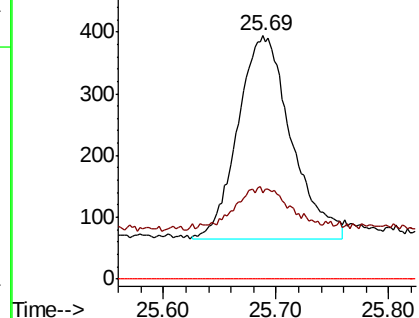
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Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

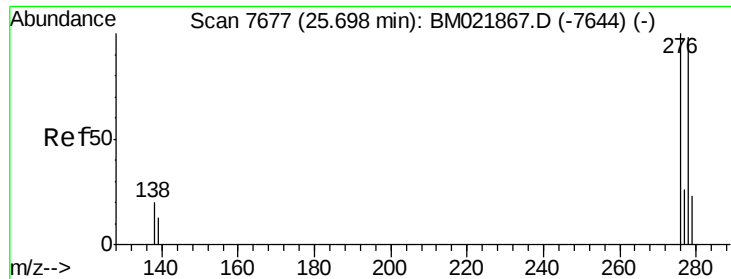


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.068 ng/ul m
RT: 25.69 min Scan# 7672
Delta R.T. 0.00 min
Lab File: BM021879.D
Acq: 07 Aug 2019 03:48

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.8	15.1	22.7
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





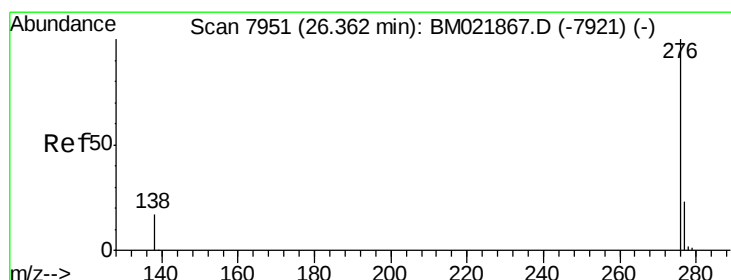
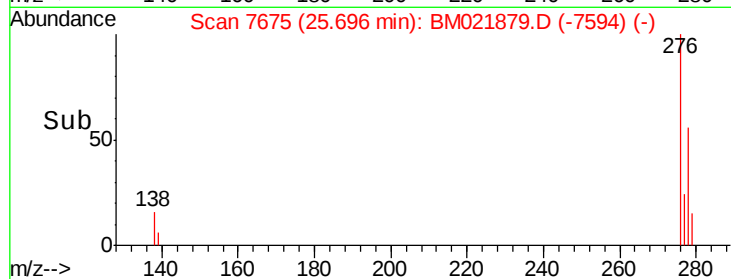
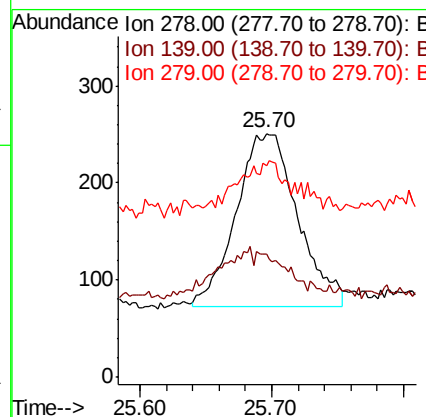
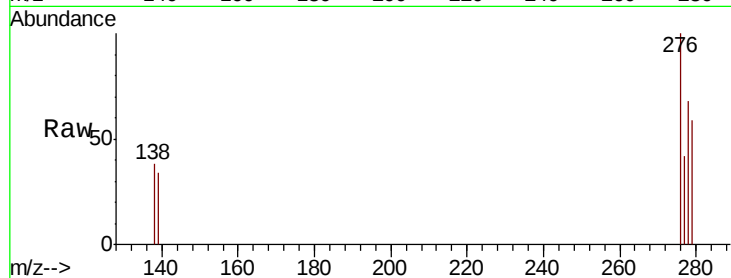
#25
Dibenzo(a,h)anthracene
Concen: 0.045 ng/ul m
RT: 25.70 min Scan# 7675
Delta R.T. -0.00 min
Lab File: BM021879.D
Acq: 07 Aug 2019 03:48

Instrument :
BNA_M
ClientSampleId :
BEP24

Tot Ion	Ratio	Lower	Upper
278	100		
139	50.6	14.2	21.2#
279	86.9	28.3	42.5#

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#26
Benzo(g,h,i)perylene
Concen: 0.068 ng/ul m
RT: 26.37 min Scan# 7954
Delta R.T. 0.01 min
Lab File: BM021879.D
Acq: 07 Aug 2019 03:48

Tgt Ion	Ratio	Lower	Upper
276	100		
138	36.2	15.5	23.3#
277	40.2	21.4	32.2#

