

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101118\
 Data File : BN003081.D
 Acq On : 11 Oct 2018 01:12
 Operator : MJ/SJ
 Sample : J5157-12DL 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AD4DL

Manual Integrations
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 10/11/2018 5:45:55 PM

Quant Time: Oct 11 08:31:28 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 08:10:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1501	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.40	136	6116	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.26	164	3432	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.02	188	7236	0.40	ng/ul	-0.02
16) Chrysene-d12	21.23	240	4853	0.40	ng/ul	0.00
20) Perylene-d12	23.44	264	4871	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.04	152	756	0.08	ng/ul	0.02
14) Fluoranthene-d10	19.06	212	1641	0.08	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.46	128	324	0.021	ng/ul#	53
7) Acenaphthylene	13.98	152	758	0.048	ng/ul#	78
12) Phenanthrene	17.06	178	1660	0.082	ng/ul#	92
13) Anthracene	17.15	178	1427	0.075	ng/ul#	88
15) Fluoranthene	19.09	202	6459	0.273	ng/ul	99
17) Pyrene	19.45	202	11284	0.599	ng/ul	99
18) Benzo(a)anthracene	21.22	228	2984m	0.191	ng/ul	
19) Chrysene	21.27	228	5693	0.359	ng/ul	97
21) Benzo(b)fluoranthene	22.78	252	11818m	0.674	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	4099m	0.225	ng/ul	
23) Benzo(a)pyrene	23.34	252	6291	0.400	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	25.67	276	3950	0.219	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.66	278	1137	0.079	ng/ul#	65
26) Benzo(g,h,i)perylene	26.34	276	3187	0.209	ng/ul	94

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

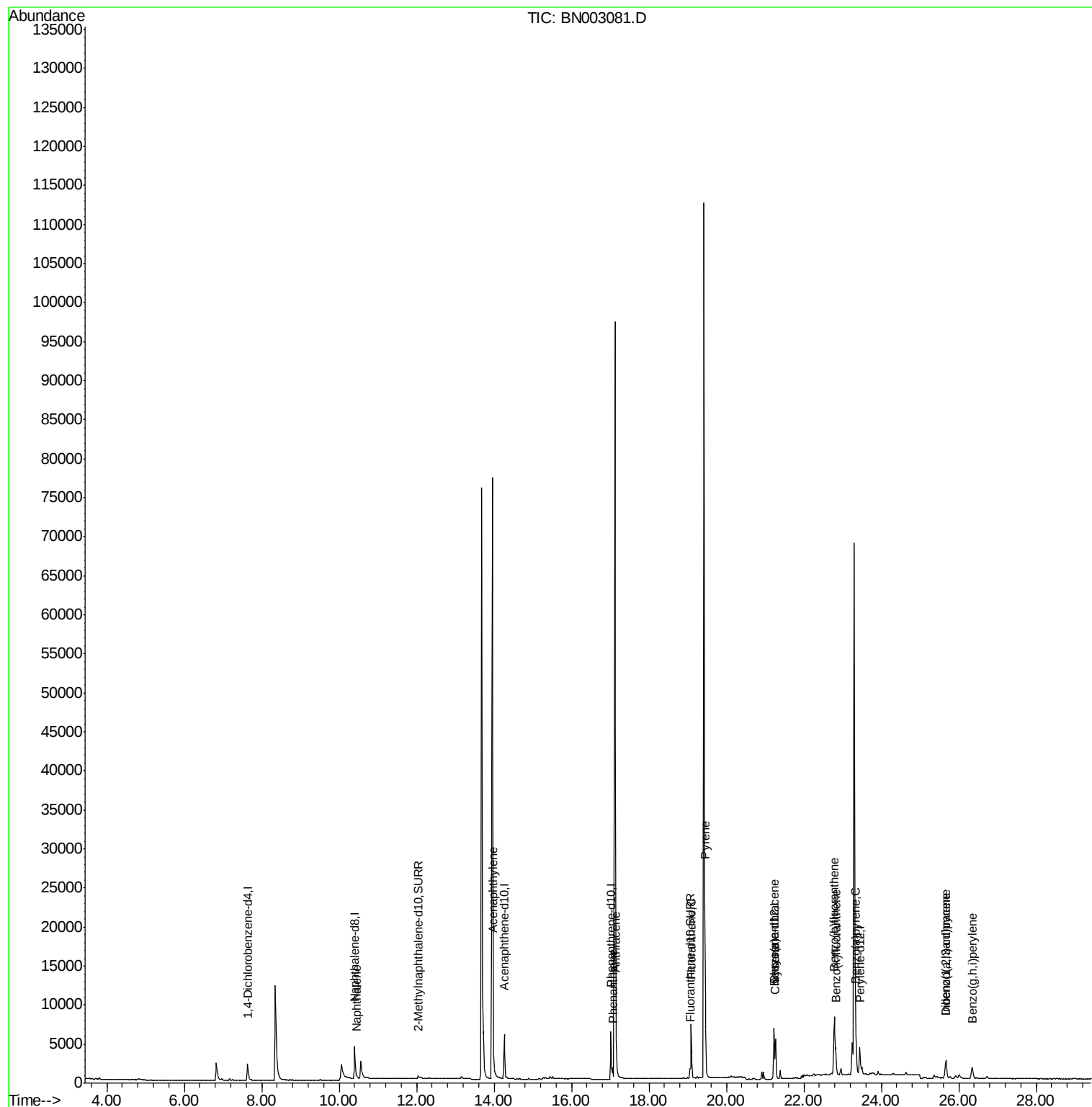
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101118\
Data File : BN003081.D
Acq On : 11 Oct 2018 01:12
Operator : MJ/SJ
Sample : J5157-12DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

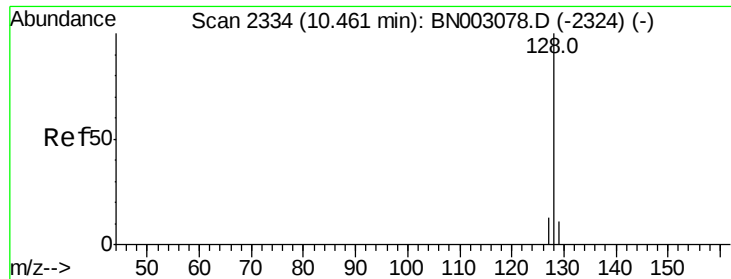
Instrument :
BNA_N
ClientSampleId :
C0AD4DL

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Quant Time: Oct 11 08:31:28 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 11 08:10:30 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.021 ng/ul

RT: 10.46 min Scan# 2333

Delta R.T. -0.01 min

Lab File: BN003081.D

Acq: 11 Oct 2018 01:12

Instrument :

BNA_N

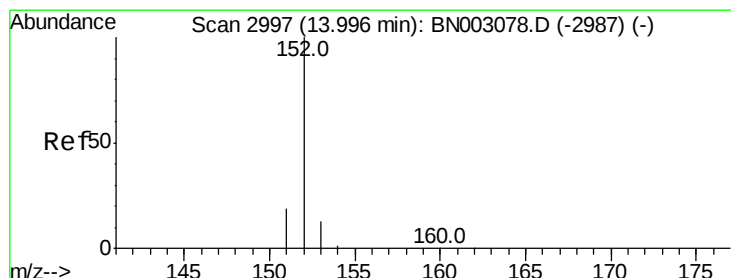
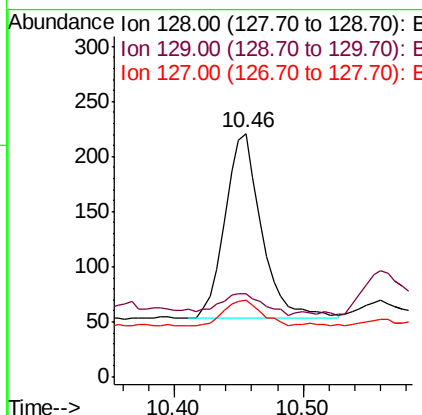
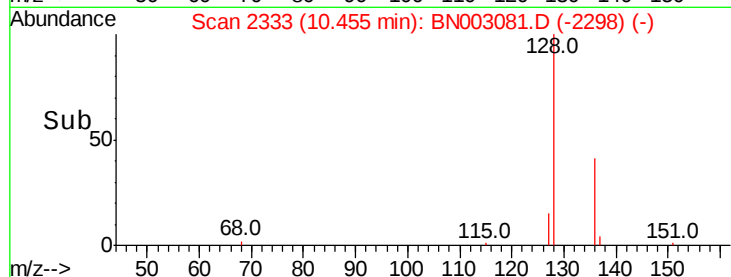
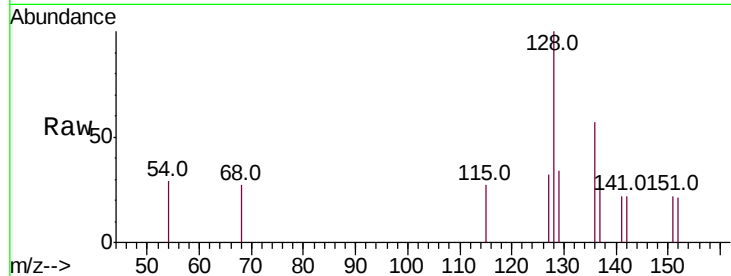
ClientSampled :

C0AD4DL

Tot Ion:	128	Resp:	324
Ion Ratio	Lower	Upper	
128	100		
129	33.9	10.4	15.6#
127	31.7	11.7	17.5#

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#7

Acenaphthylene

Concen: 0.048 ng/ul

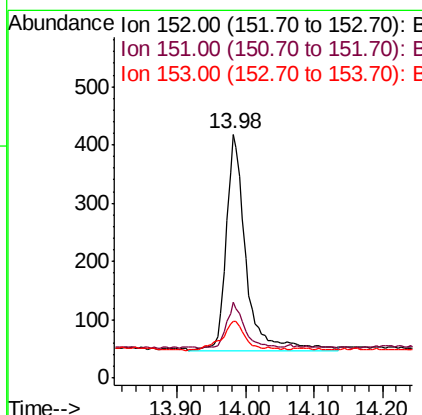
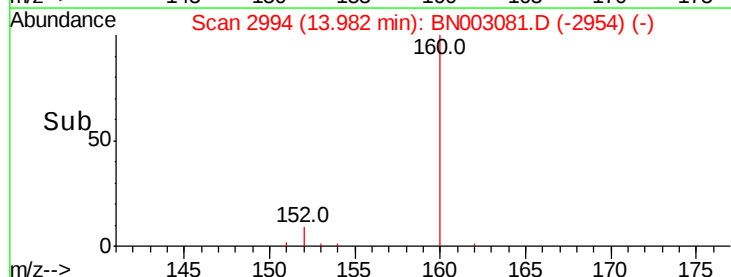
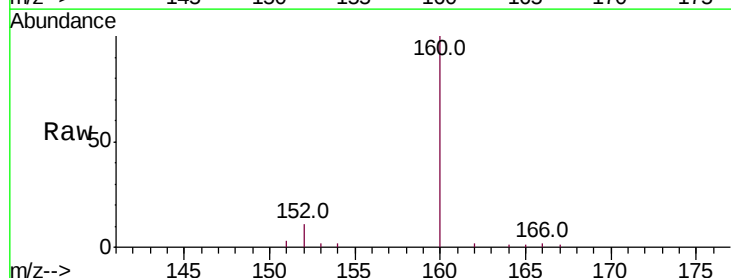
RT: 13.98 min Scan# 2994

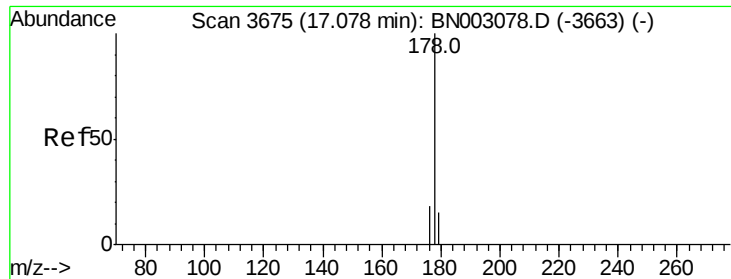
Delta R.T. -0.01 min

Lab File: BN003081.D

Acq: 11 Oct 2018 01:12

Tgt Ion:	152	Resp:	758
Ion Ratio	Lower	Upper	
152	100		
151	31.1	16.5	24.7#
153	23.2	11.4	17.2#





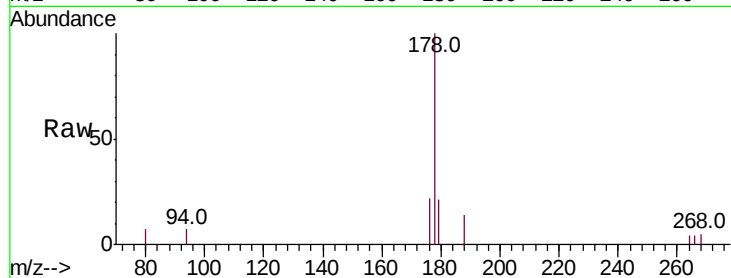
#12
Phenanthrene
Concen: 0.082 ng/ul
RT: 17.06 min Scan# 3671
Delta R.T. -0.02 min
Lab File: BN003081.D
Acq: 11 Oct 2018 01:12

Instrument :
BNA_N
ClientSampleId :
C0AD4DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	21.0	12.9	19.3#
176	22.0	15.4	23.2

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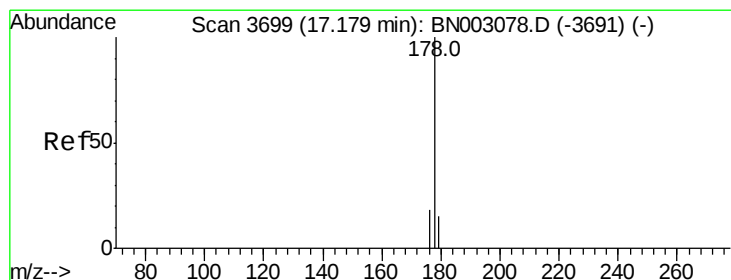
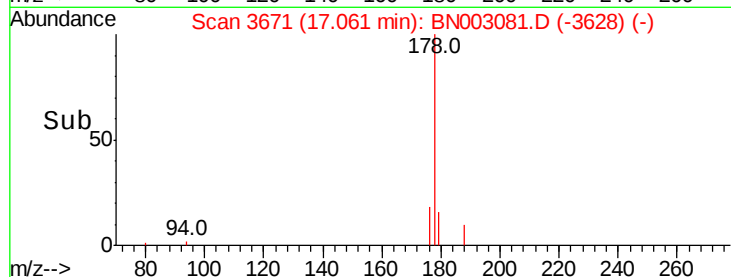
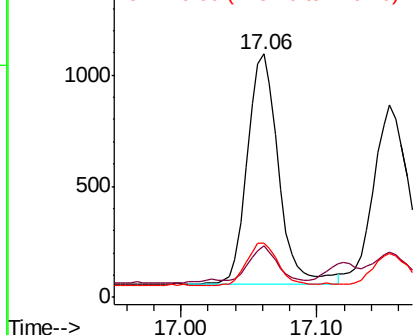


Abundance

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: 0.075 ng/ul
RT: 17.15 min Scan# 3693
Delta R.T. -0.03 min
Lab File: BN003081.D
Acq: 11 Oct 2018 01:12

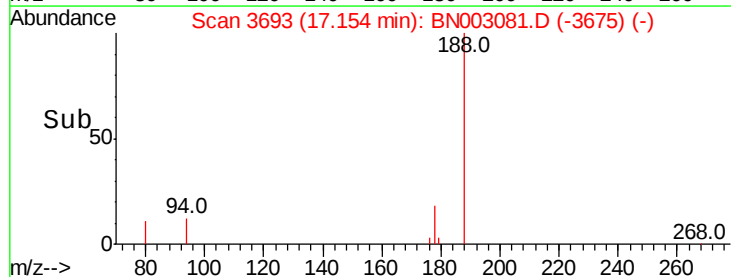
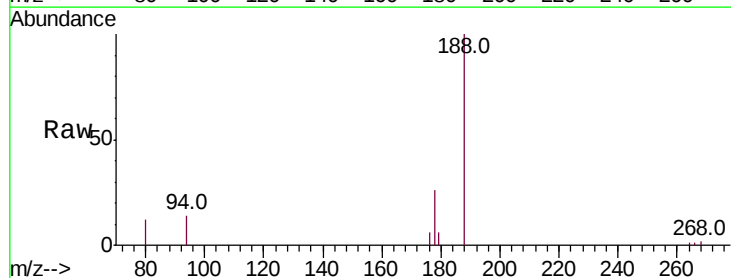
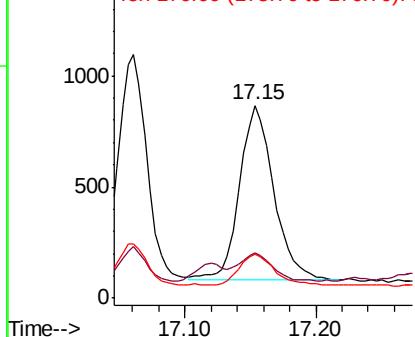
Tgt Ion	Ratio	Lower	Upper
178	100		
179	23.2	13.0	19.6#
176	22.6	15.3	22.9

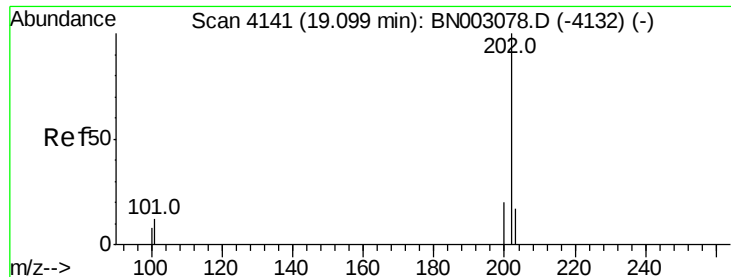
Abundance

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





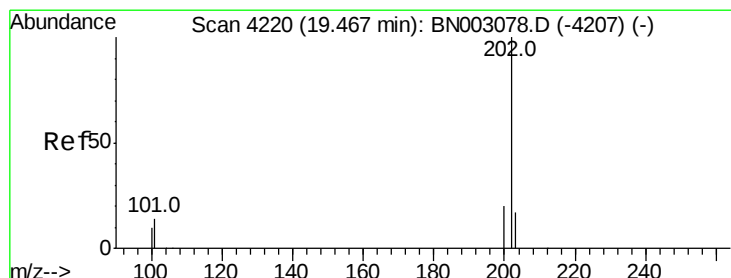
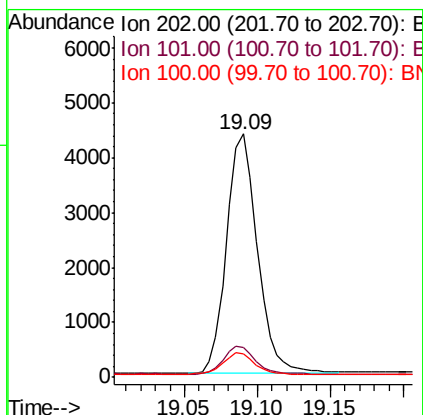
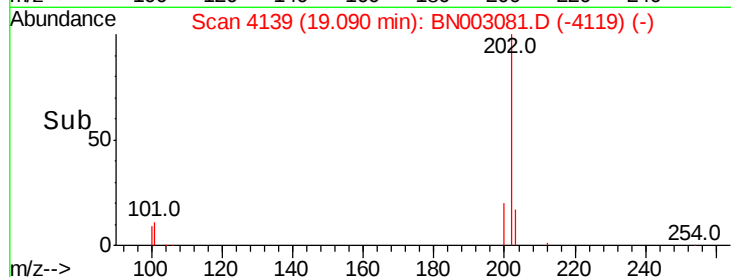
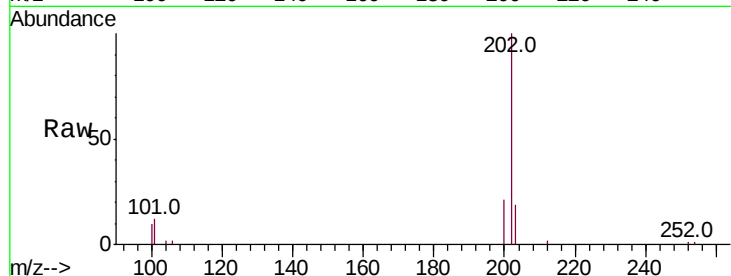
#15
Fluoranthene
Concen: 0.273 ng/ul
RT: 19.09 min Scan# 4139
Delta R.T. -0.01 min
Lab File: BN003081.D
Acq: 11 Oct 2018 01:12

Instrument :
BNA_N
ClientSampleId :
C0AD4DL

Tot Ion	Ratio	Resp	Lower	Upper
202	100	6459		
101	12.4		0.0	32.3
100	9.6		0.0	29.1

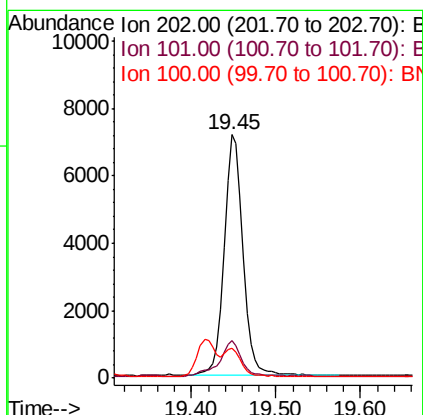
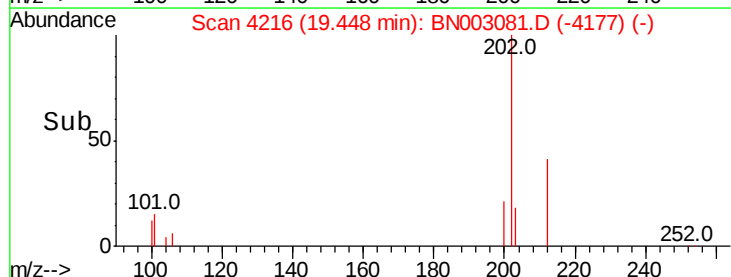
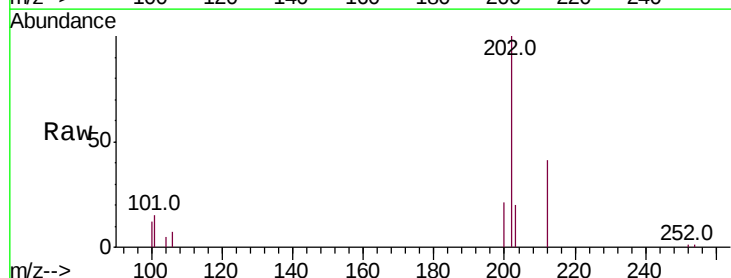
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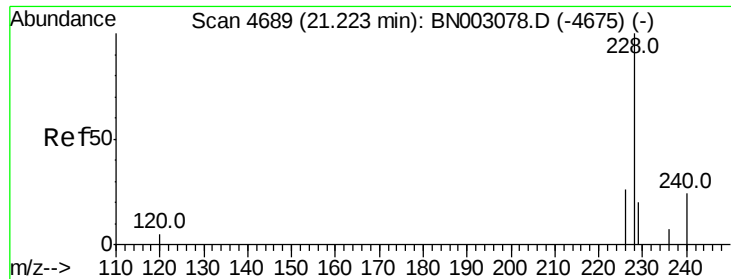
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#17
Pyrene
Concen: 0.599 ng/ul
RT: 19.45 min Scan# 4216
Delta R.T. -0.02 min
Lab File: BN003081.D
Acq: 11 Oct 2018 01:12

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	11284		
101	15.3		11.9	17.9
100	12.4		9.9	14.9





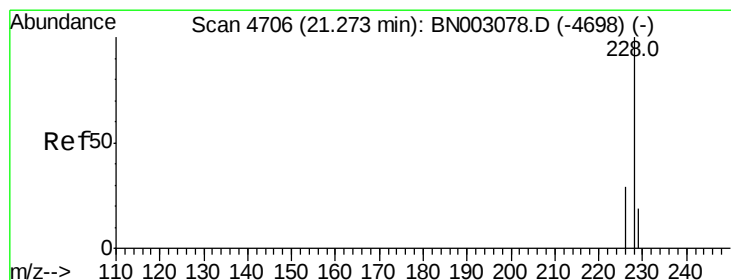
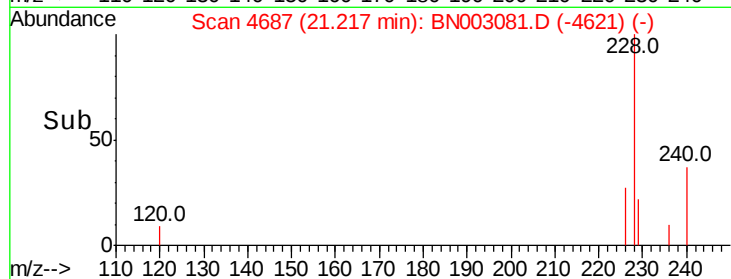
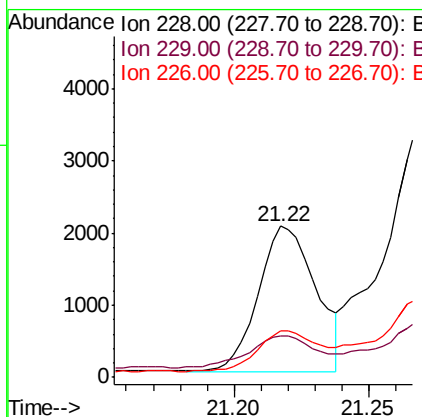
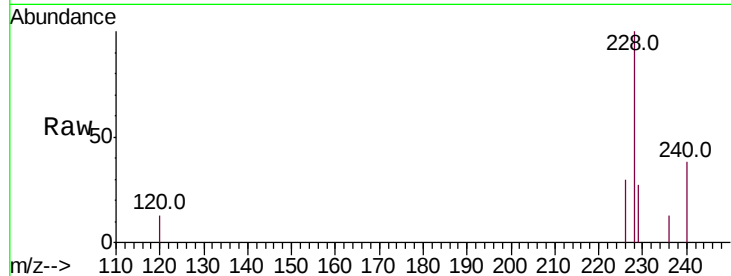
#18
Benzo(a)anthracene
Concen: 0.191 ng/ul m
RT: 21.22 min Scan# 4687
Delta R.T. -0.01 min
Lab File: BN003081.D
Acq: 11 Oct 2018 01:12

Instrument :
BNA_N
ClientSampled :
C0AD4DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	27.5	16.2	24.2
226	30.4	22.3	33.5

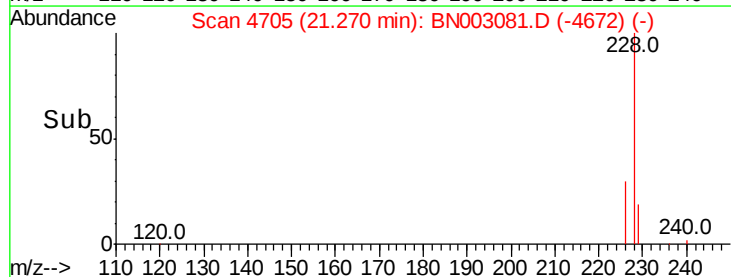
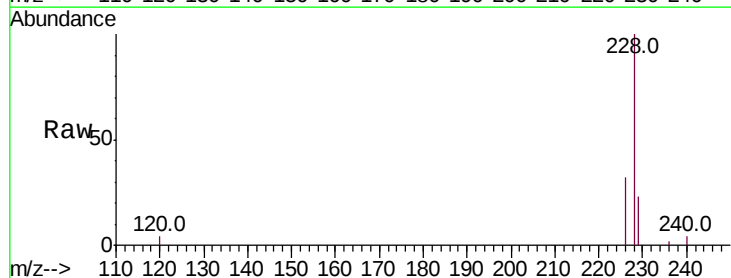
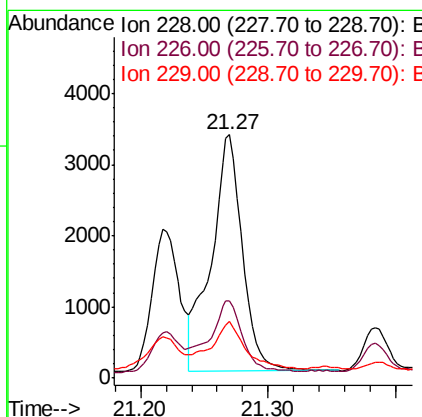
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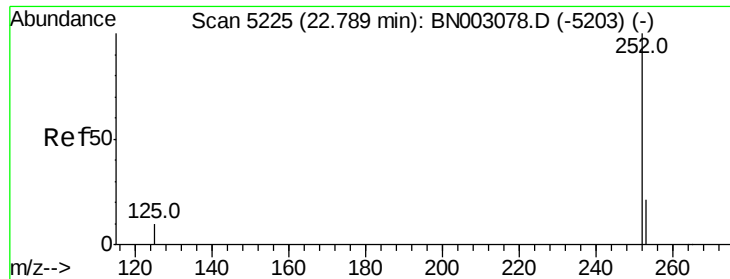
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#19
Chrysene
Concen: 0.359 ng/ul
RT: 21.27 min Scan# 4705
Delta R.T. -0.00 min
Lab File: BN003081.D
Acq: 11 Oct 2018 01:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.2	36.4
229	23.0	16.7	25.1





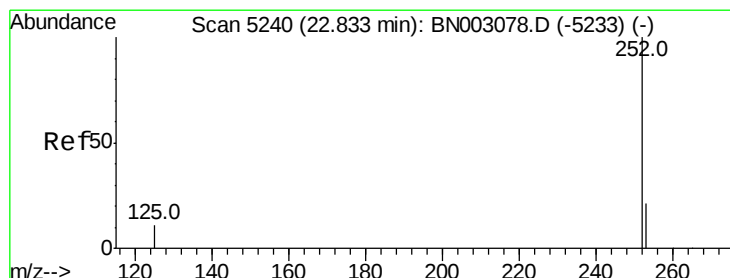
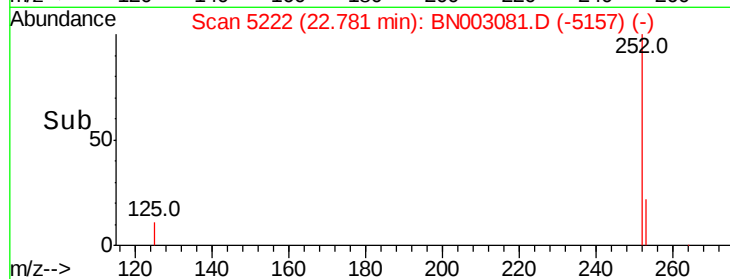
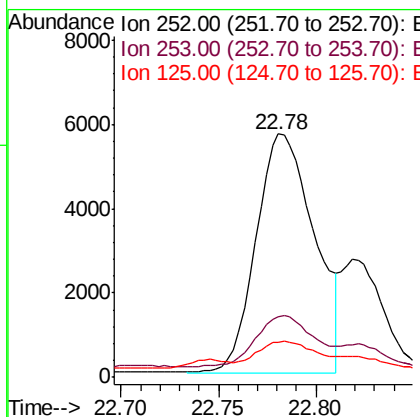
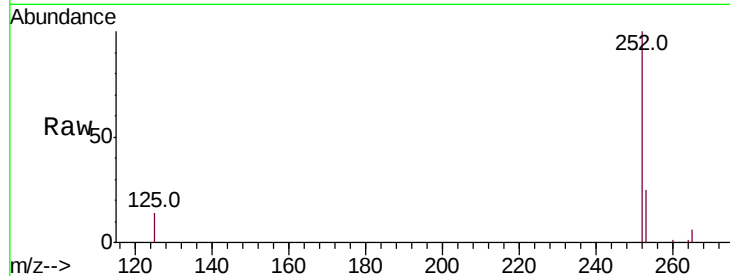
#21
Benzo(b)fluoranthene
Concen: 0.674 ng/ul m
RT: 22.78 min Scan# 5222
Delta R.T. -0.01 min
Lab File: BN003081.D
Acq: 11 Oct 2018 01:12

Instrument :
BNA_N
ClientSampleId :
C0AD4DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.0	0.0	53.2
125	14.3	0.0	34.2

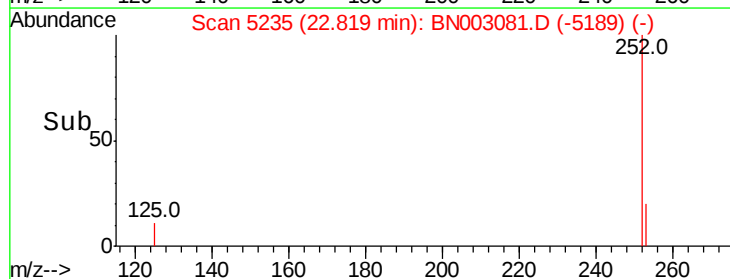
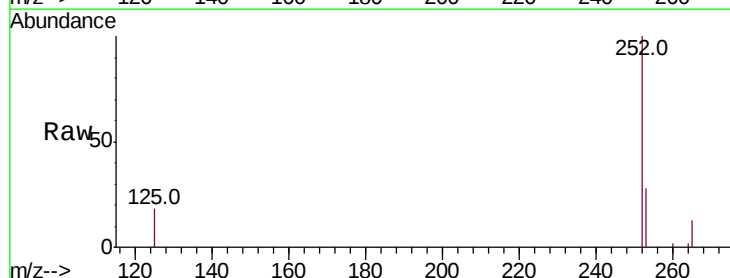
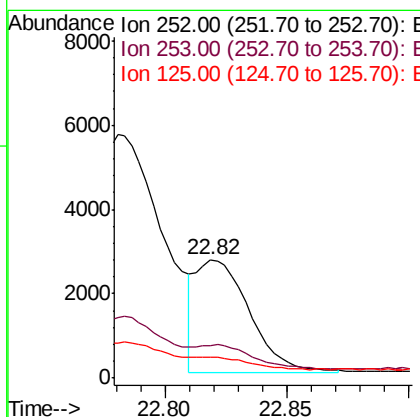
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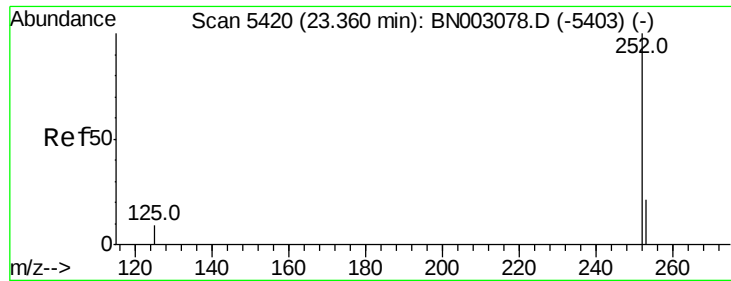
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#22
Benzo(k)fluoranthene
Concen: 0.225 ng/ul m
RT: 22.82 min Scan# 5235
Delta R.T. -0.01 min
Lab File: BN003081.D
Acq: 11 Oct 2018 01:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.8	21.3	31.9
125	18.2	14.1	21.1





#23

Benzo(a)pyrene

Concen: 0.400 ng/ul

RT: 23.34 min Scan# 5414

Delta R.T. -0.02 min

Lab File: BN003081.D

Acq: 11 Oct 2018 01:12

Instrument :

BNA_N

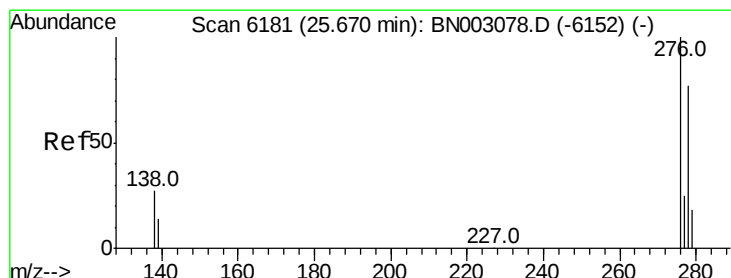
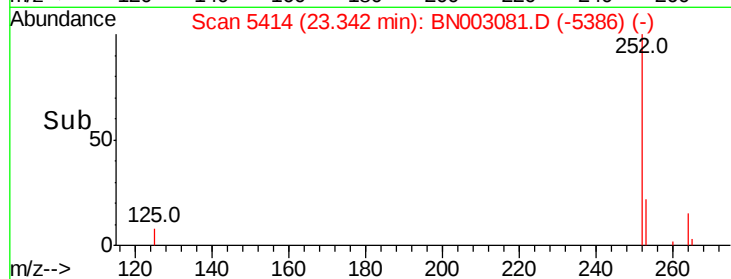
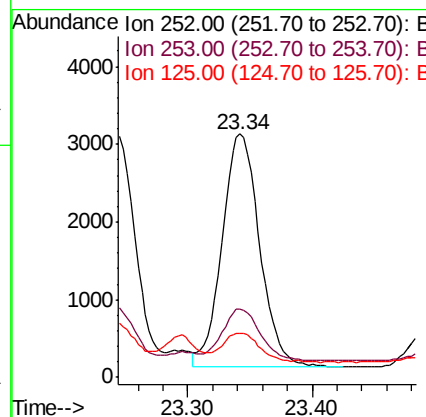
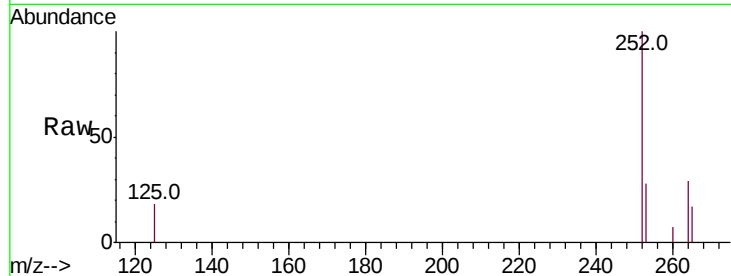
ClientSampleId :

C0AD4DL

Tot Ion:	252	Resp:	6291
Ion Ratio	Lower	Upper	
252	100		
253	28.1	23.1	34.7
125	17.8	16.9	25.3

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.219 ng/ul

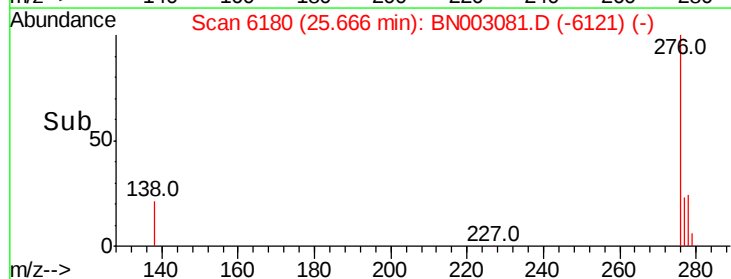
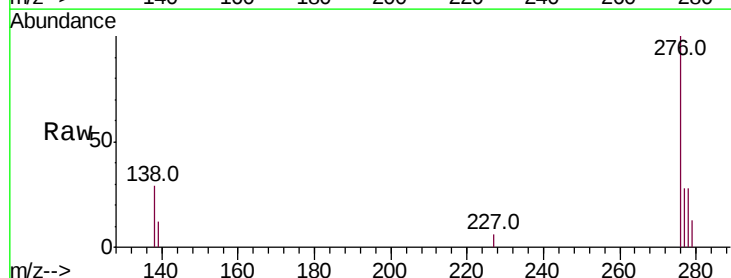
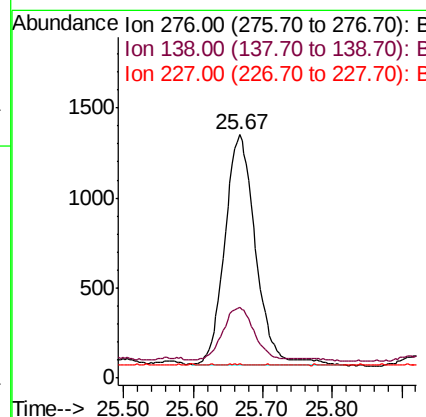
RT: 25.67 min Scan# 6180

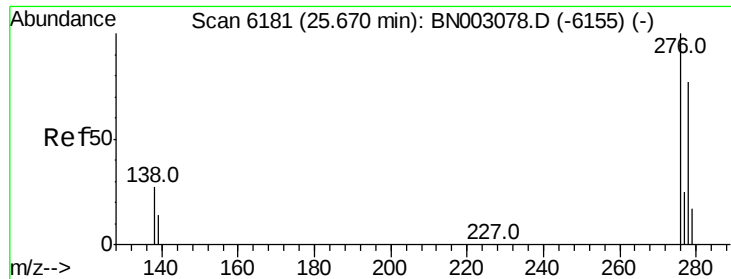
Delta R.T. -0.00 min

Lab File: BN003081.D

Acq: 11 Oct 2018 01:12

Tgt Ion:	276	Resp:	3950
Ion Ratio	Lower	Upper	
276	100		
138	23.6	21.5	32.3
227	0.2	0.3	0.5#





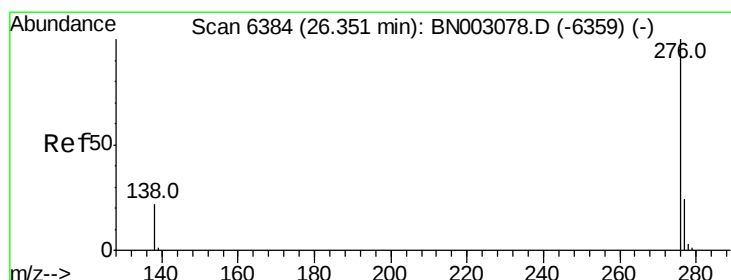
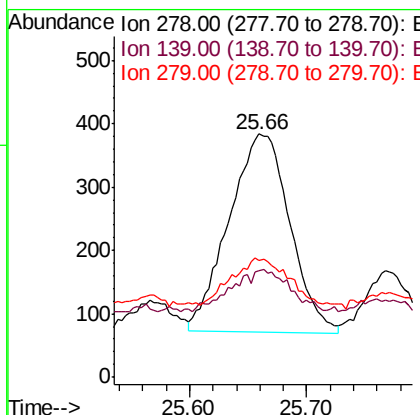
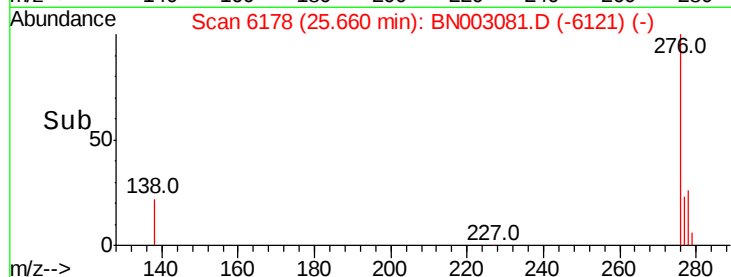
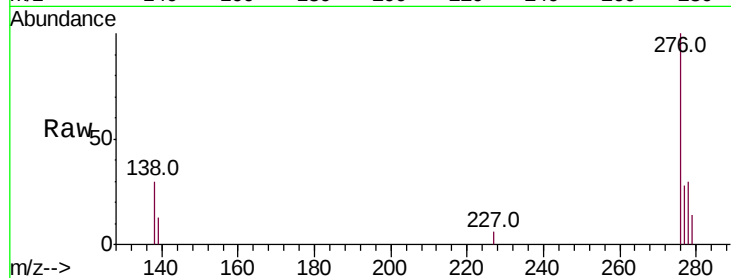
#25
Dibenzo(a,h)anthracene
Concen: 0.079 ng/u1
RT: 25.66 min Scan# 6178
Delta R.T. -0.01 min
Lab File: BN003081.D
Acq: 11 Oct 2018 01:12

Instrument :
BNA_N
ClientSampleId :
C0AD4DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	44.0	20.2	30.4#
279	48.2	23.8	35.8#

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#26
Benzo(g,h,i)perylene
Concen: 0.209 ng/u1
RT: 26.34 min Scan# 6382
Delta R.T. -0.01 min
Lab File: BN003081.D
Acq: 11 Oct 2018 01:12

Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.4	23.0	34.4
277	30.0	22.0	33.0

