

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101118\
 Data File : BN003095.D
 Acq On : 11 Oct 2018 09:49
 Operator : MJ/SJ
 Sample : J5234-19DL 5X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AK4DL

Manual Integrations
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Sohil
 10/11/2018 5:45:16 PM

Quant Time: Oct 11 13:41:08 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	1384	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.40	136	5851	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.26	164	3553	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.02	188	8015	0.40	ng/ul	-0.02
16) Chrysene-d12	21.23	240	5674	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	4938	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	678	0.07	ng/ul	0.02
14) Fluoranthene-d10	19.06	212	1666	0.07	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	13.98	152	679	0.042	ng/ul#	78
9) Fluorene	15.32	166	747	0.053	ng/ul#	96
12) Phenanthrene	17.06	178	9750	0.436	ng/ul	100
13) Anthracene	17.15	178	1286	0.061	ng/ul#	85
15) Fluoranthene	19.09	202	16093	0.614	ng/ul	99
17) Pyrene	19.45	202	14114	0.640	ng/ul	97
18) Benzo(a)anthracene	21.22	228	5036m	0.276	ng/ul	
19) Chrysene	21.27	228	5259	0.284	ng/ul	96
21) Benzo(b)fluoranthene	22.79	252	5212m	0.293	ng/ul	
22) Benzo(k)fluoranthene	22.83	252	2155m	0.117	ng/ul	
23) Benzo(a)pyrene	23.34	252	3820	0.240	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	25.68	276	2471	0.135	ng/ul#	91
25) Dibenzo(a,h)anthracene	25.68	278	642	0.044	ng/ul#	1
26) Benzo(g,h,i)perylene	26.36	276	2228	0.144	ng/ul#	78

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

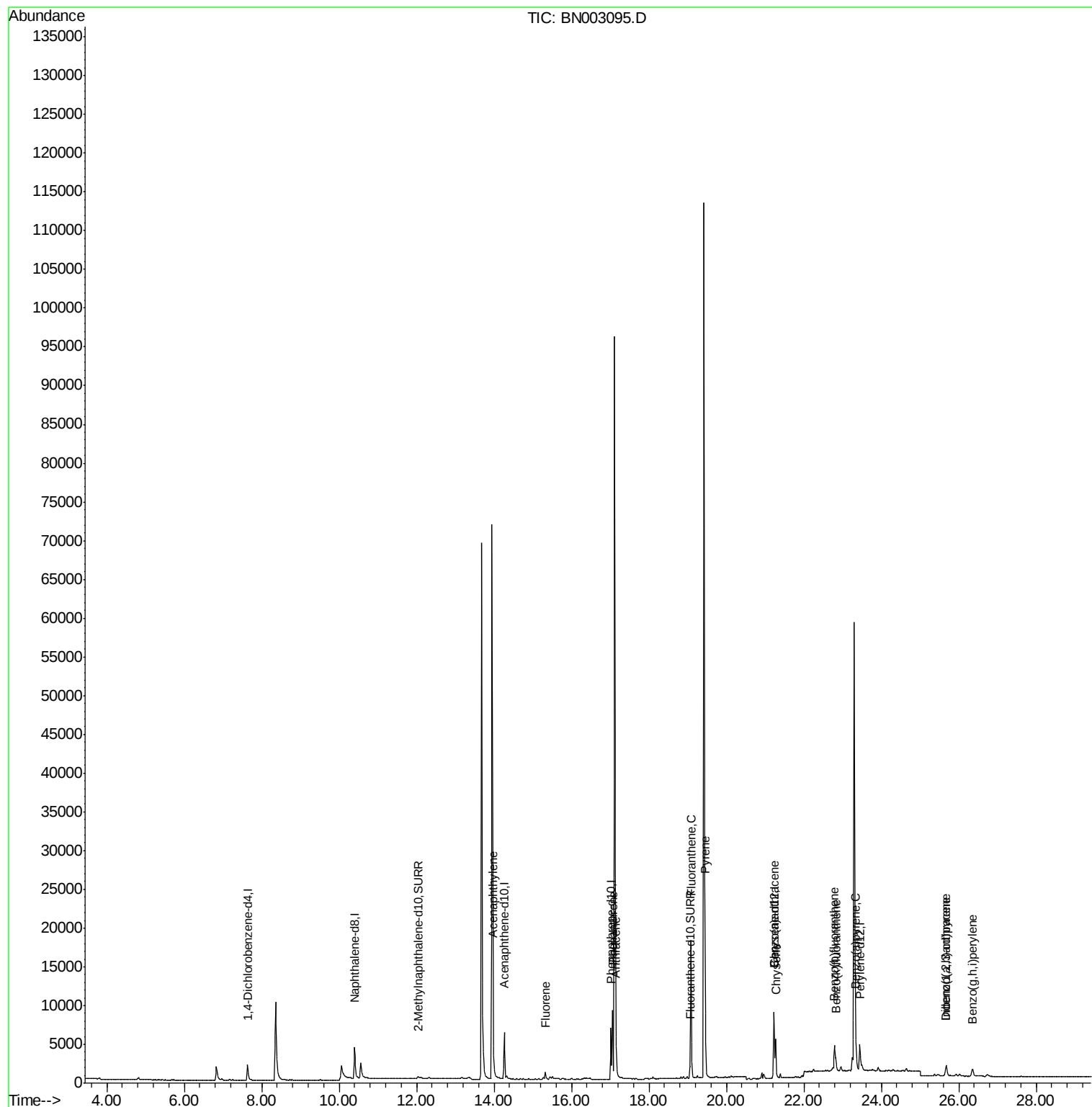
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101118\
Data File : BN003095.D
Acq On : 11 Oct 2018 09:49
Operator : MJ/SJ
Sample : J5234-19DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

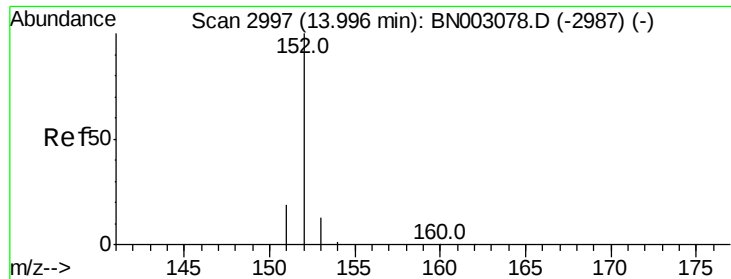
Instrument :
BNA_N
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C0AK4DL

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Quant Time: Oct 11 13:41:08 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





#7

Acenaphthylene

Concen: 0.042 ng/ul

RT: 13.98 min Scan# 2994

Delta R.T. -0.01 min

Lab File: BN003095.D

Acq: 11 Oct 2018 09:49

Instrument :

BNA_N

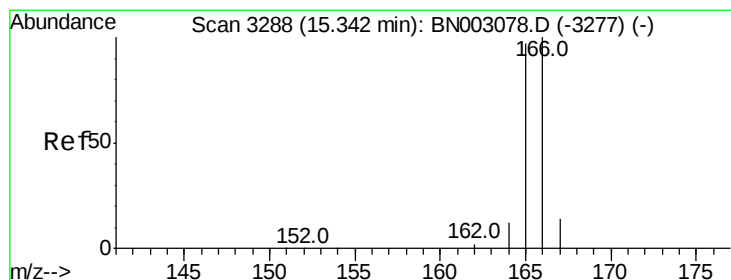
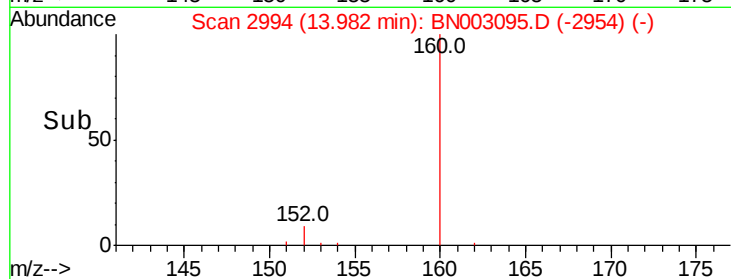
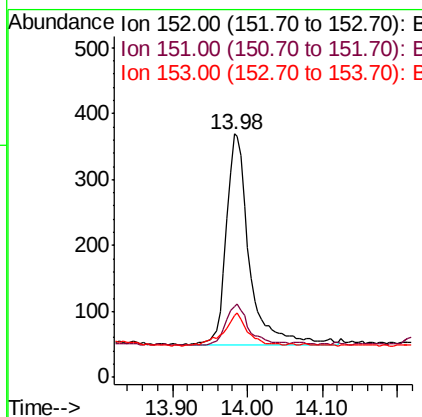
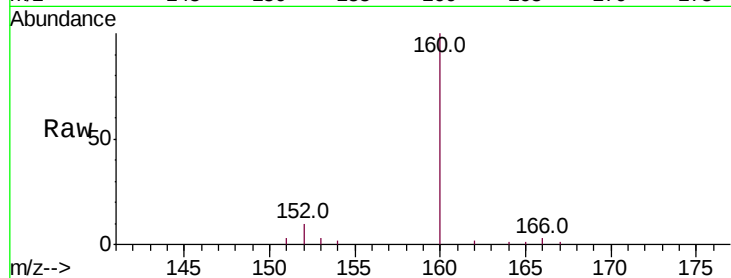
ClientSampleID :

C0AK4DL

Tot Ion:	152	Resp:	679
Ion Ratio	Lower	Upper	
152	100		
151	29.3	16.5	24.7#
153	25.5	11.4	17.2#

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#9

Fluorene

Concen: 0.053 ng/ul

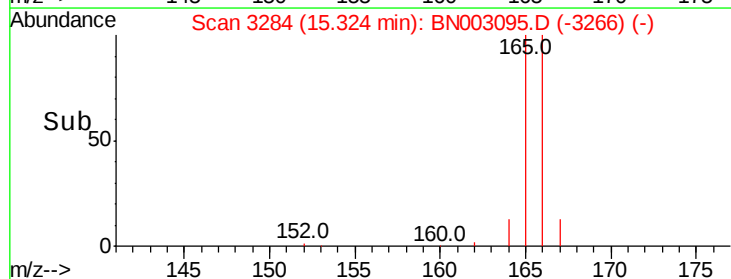
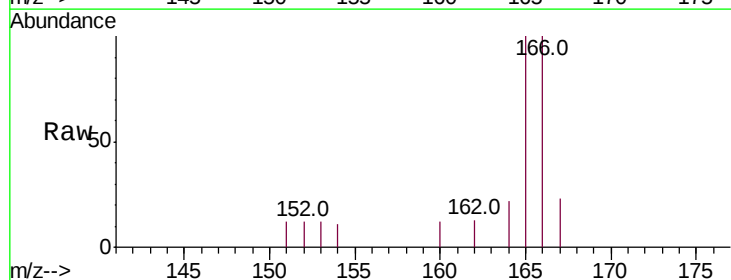
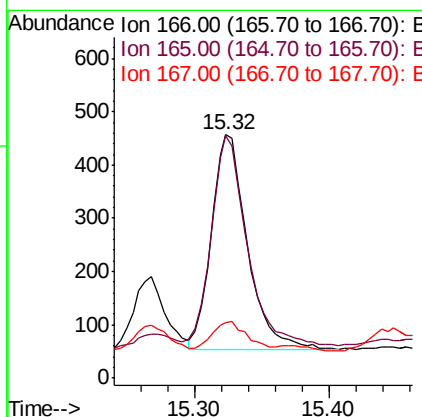
RT: 15.32 min Scan# 3284

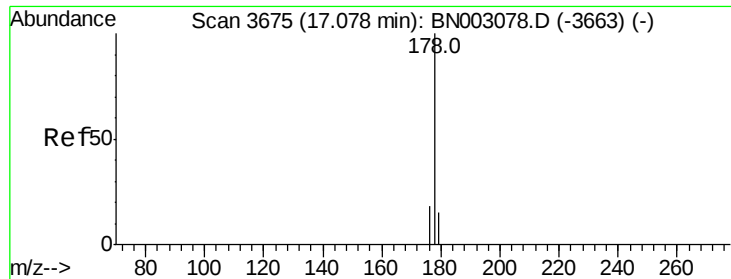
Delta R.T. -0.02 min

Lab File: BN003095.D

Acq: 11 Oct 2018 09:49

Tgt Ion:	166	Resp:	747
Ion Ratio	Lower	Upper	
166	100		
165	99.8	78.5	117.7
167	23.0	11.6	17.4#





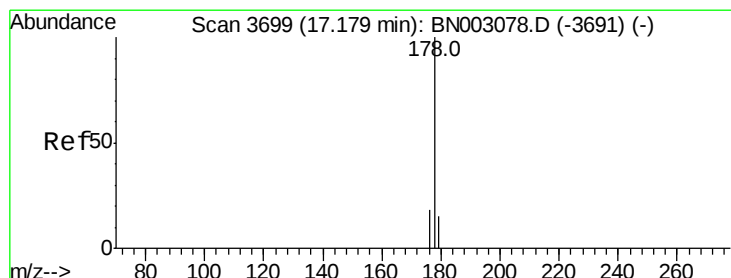
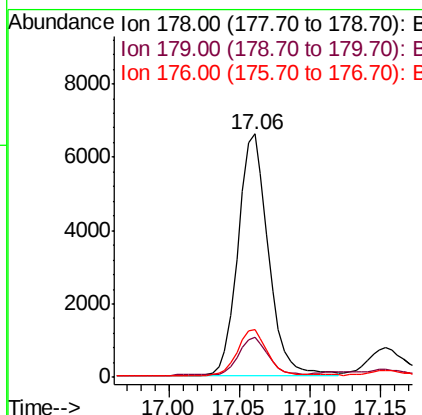
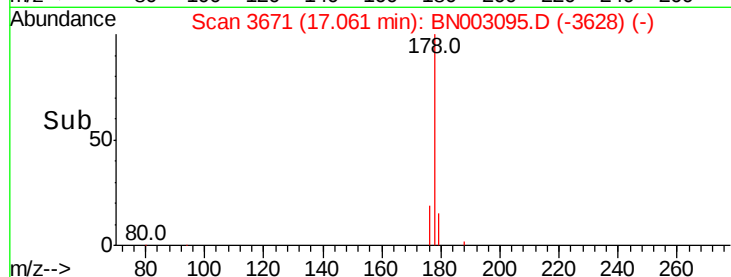
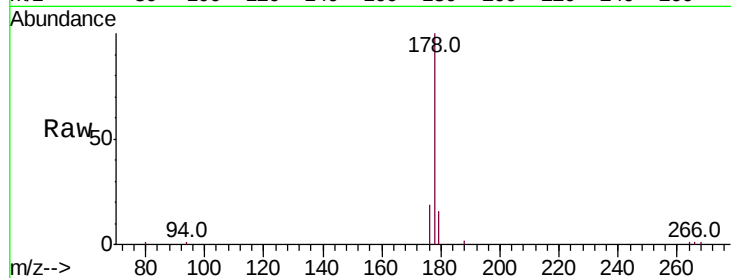
#12
Phenanthrene
Concen: 0.436 ng/ul
RT: 17.06 min Scan# 3671
Delta R.T. -0.02 min
Lab File: BN003095.D
Acq: 11 Oct 2018 09:49

Instrument :
BNA_N
ClientSampleId :
C0AK4DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.9	19.3
176	19.4	15.4	23.2

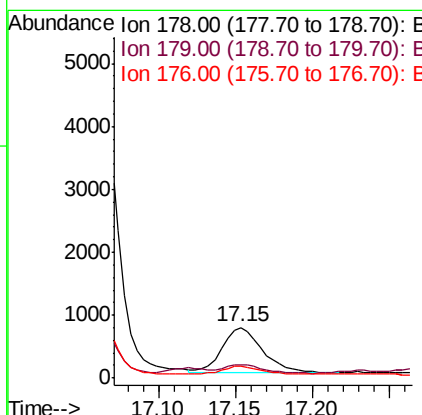
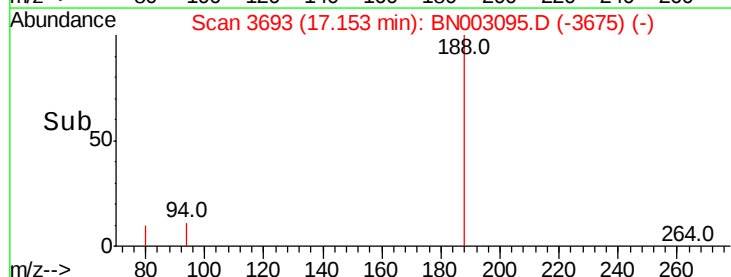
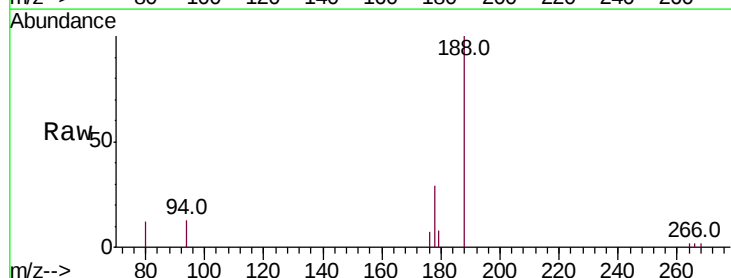
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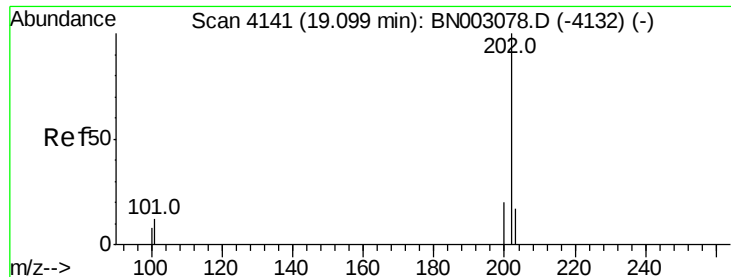
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#13
Anthracene
Concen: 0.061 ng/ul
RT: 17.15 min Scan# 3693
Delta R.T. -0.03 min
Lab File: BN003095.D
Acq: 11 Oct 2018 09:49

Tgt Ion	Ratio	Lower	Upper
178	100		
179	26.5	13.0	19.6#
176	22.6	15.3	22.9





#15

Fluoranthene

Concen: 0.614 ng/ul

RT: 19.09 min Scan# 4139

Delta R.T. -0.01 min

Lab File: BN003095.D

Acq: 11 Oct 2018 09:49

Instrument :

BNA_N

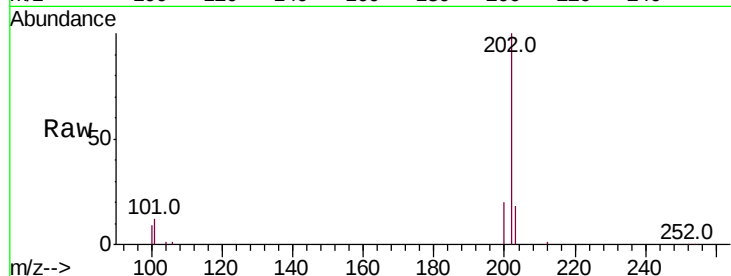
ClientSampleId :

C0AK4DL

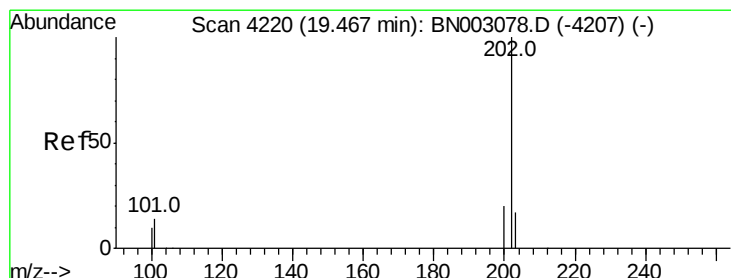
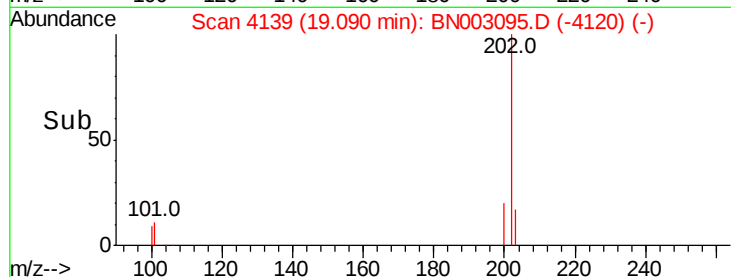
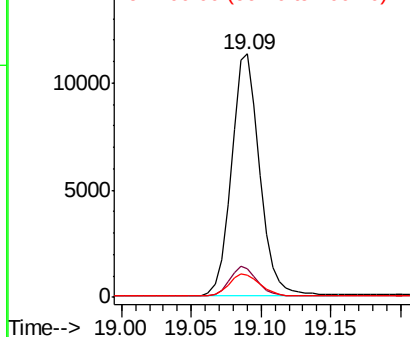
Tot Ion:	202	Resp:	16093
Ion Ratio	Lower	Upper	
202	100		
101	11.7	0.0	32.3
100	9.3	0.0	29.1

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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: 0.640 ng/ul

RT: 19.45 min Scan# 4217

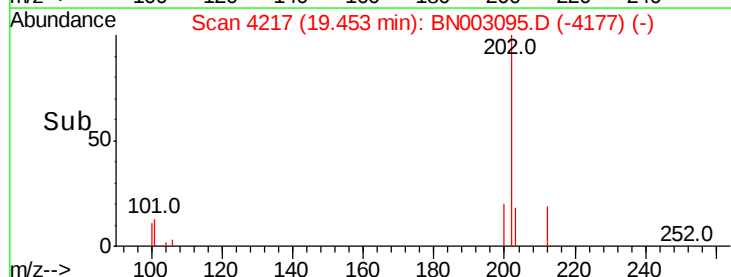
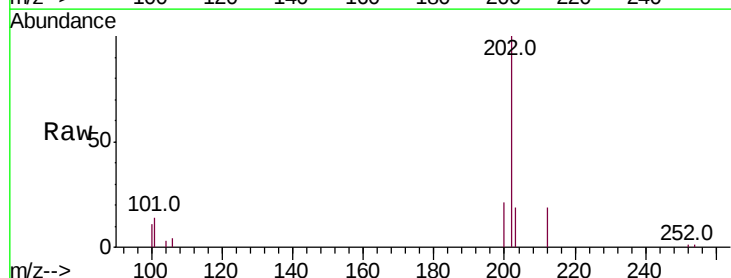
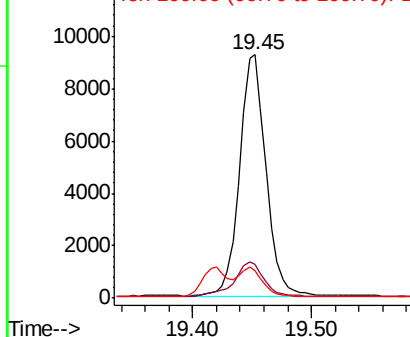
Delta R.T. -0.01 min

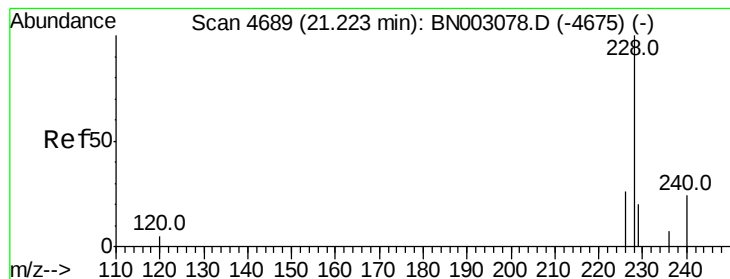
Lab File: BN003095.D

Acq: 11 Oct 2018 09:49

Tgt Ion:	202	Resp:	14114
Ion Ratio	Lower	Upper	
202	100		
101	14.1	11.9	17.9
100	11.1	9.9	14.9

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: 0.276 ng/ul m

RT: 21.22 min Scan# 4688

Delta R.T. -0.00 min

Lab File: BN003095.D

Acq: 11 Oct 2018 09:49

Instrument :

BNA_N

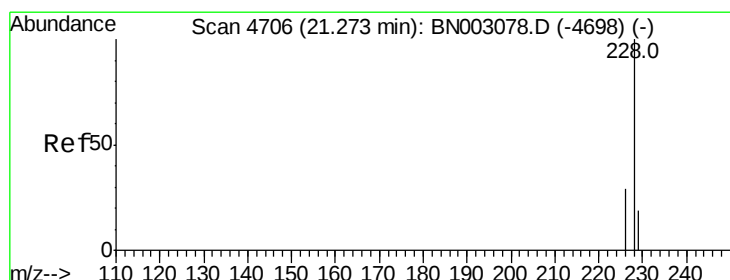
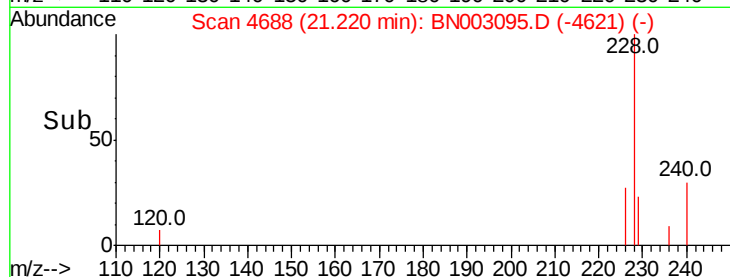
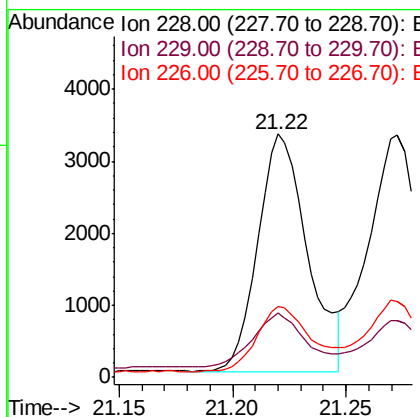
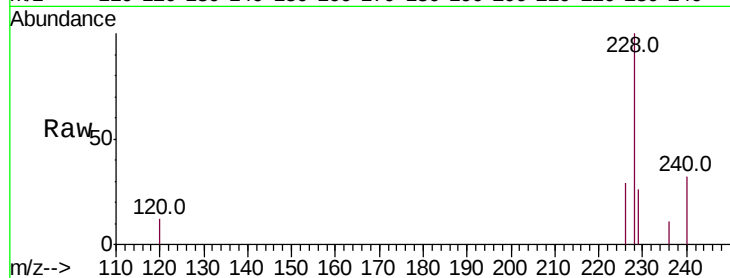
ClientSampleId :

C0AK4DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	26.4	16.2	24.2
226	28.8	22.3	33.5

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#19

Chrysene

Concen: 0.284 ng/ul

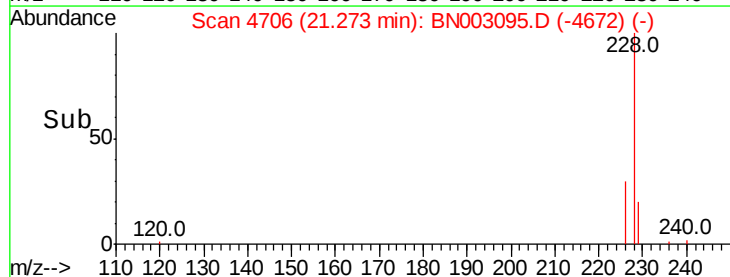
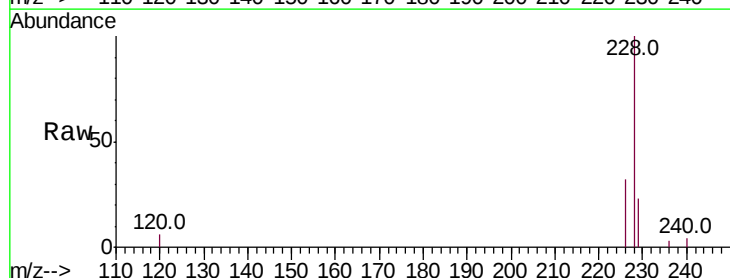
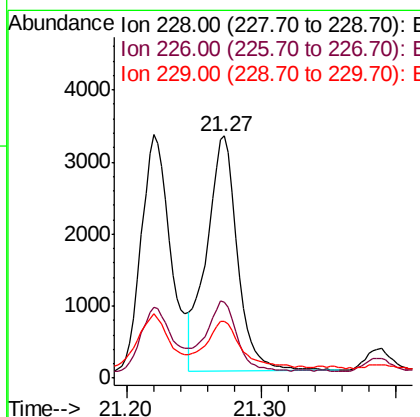
RT: 21.27 min Scan# 4706

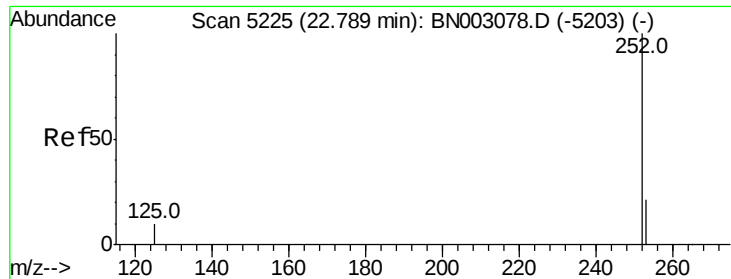
Delta R.T. -0.00 min

Lab File: BN003095.D

Acq: 11 Oct 2018 09:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.2	36.4
229	23.3	16.7	25.1





#21

Benzo(b)fluoranthene

Concen: 0.293 ng/ul m

RT: 22.79 min Scan# 5225

Delta R.T. -0.00 min

Lab File: BN003095.D

Acq: 11 Oct 2018 09:49

Instrument :

BNA_N

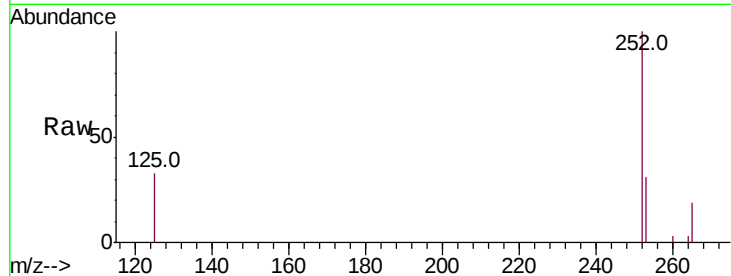
ClientSampleId :

C0AK4DL

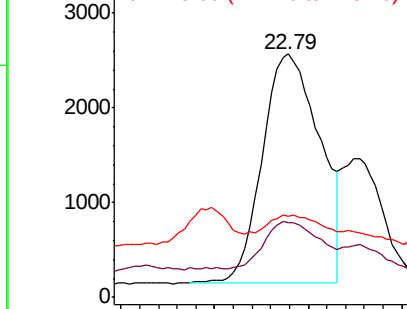
Tot Ion:	252	Resp:	5212
Ion Ratio	Lower	Upper	
252	100		
253	30.7	0.0	53.2
125	33.1	0.0	34.2

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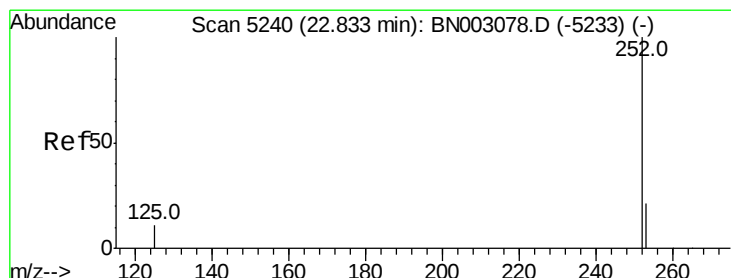
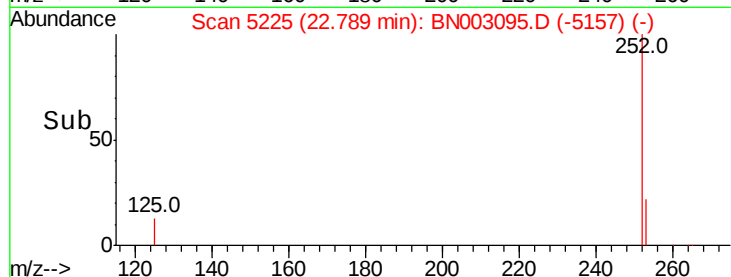
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time--> 22.70 22.75 22.80



#22

Benzo(k)fluoranthene

Concen: 0.117 ng/ul m

RT: 22.83 min Scan# 5238

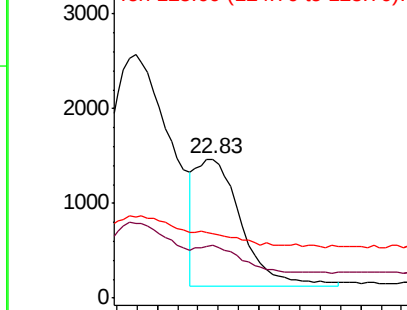
Delta R.T. -0.01 min

Lab File: BN003095.D

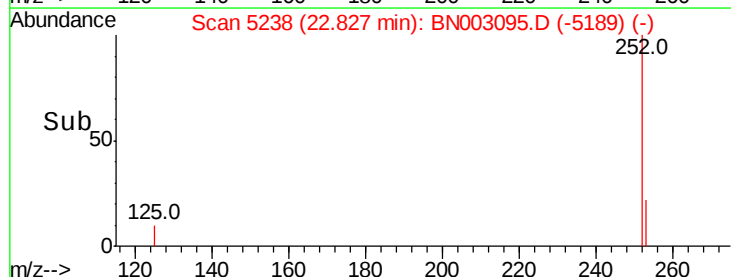
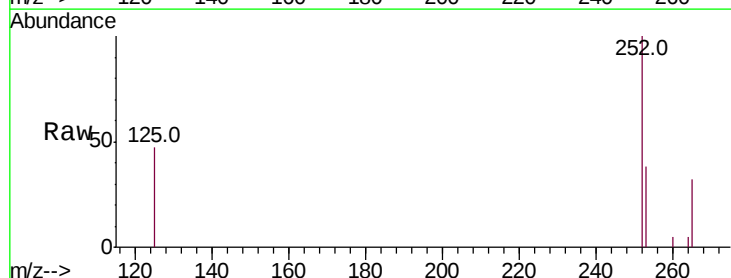
Acq: 11 Oct 2018 09:49

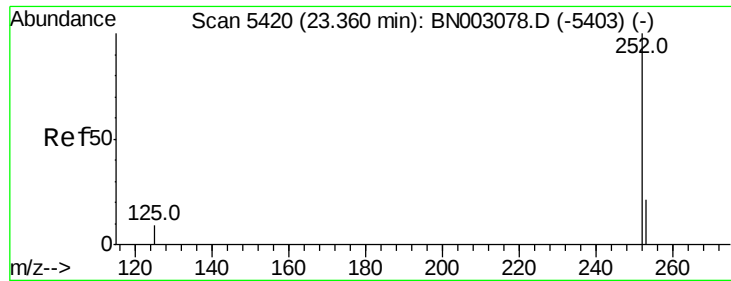
Tgt Ion:	252	Resp:	2155
Ion Ratio	Lower	Upper	
252	100		
253	38.1	21.3	31.9#
125	46.6	14.1	21.1#

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



Time--> 22.80 22.85 22.90





#23

Benzo(a)pyrene

Concen: 0.240 ng/ul

RT: 23.34 min Scan# 5415

Delta R.T. -0.01 min

Lab File: BN003095.D

Acq: 11 Oct 2018 09:49

Instrument :

BNA_N

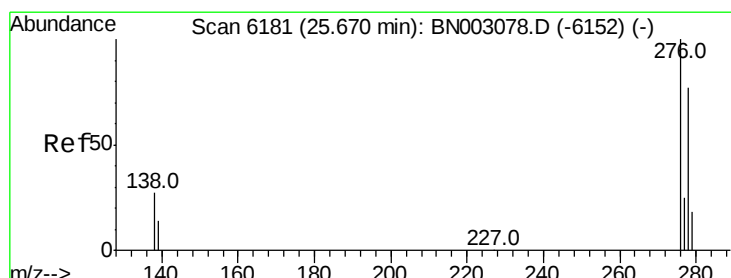
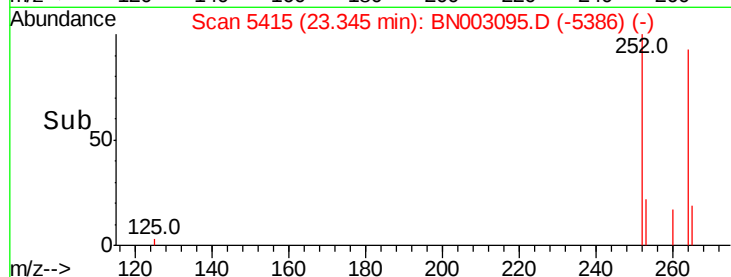
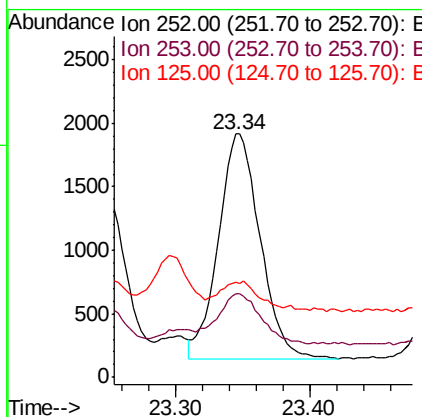
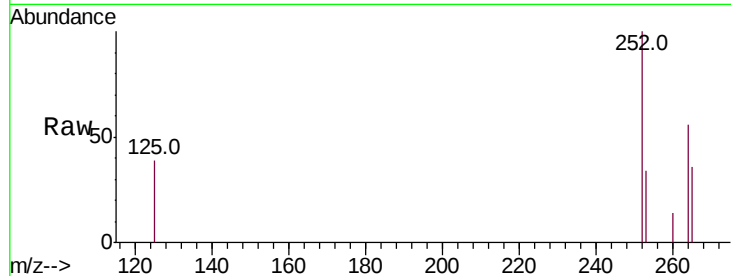
ClientSampled :

C0AK4DL

Tot Ion:	252	Resp:	3820
Ion Ratio	Lower	Upper	
252	100		
253	34.4	23.1	34.7
125	39.0	16.9	25.3#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.135 ng/ul

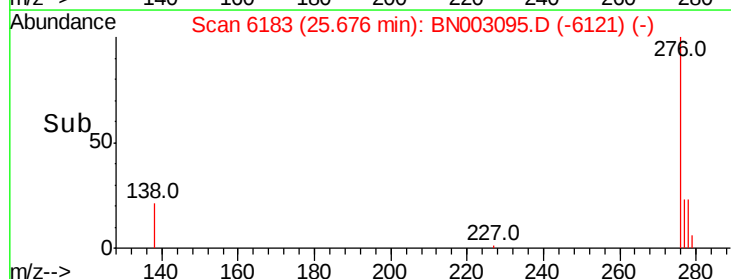
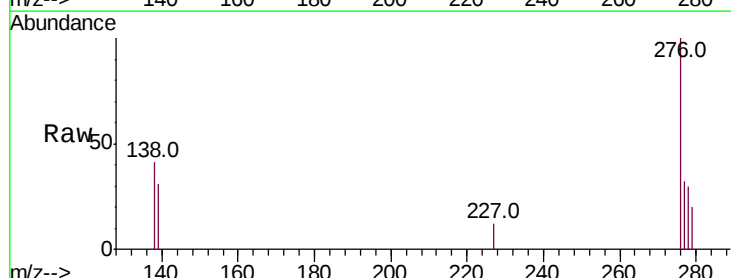
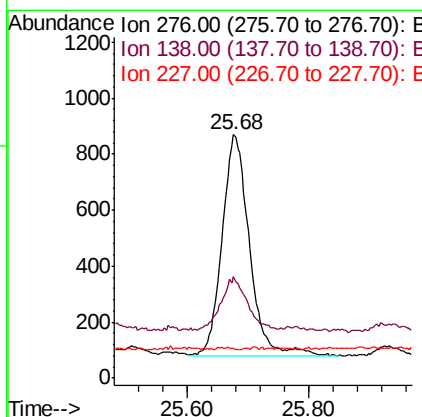
RT: 25.68 min Scan# 6183

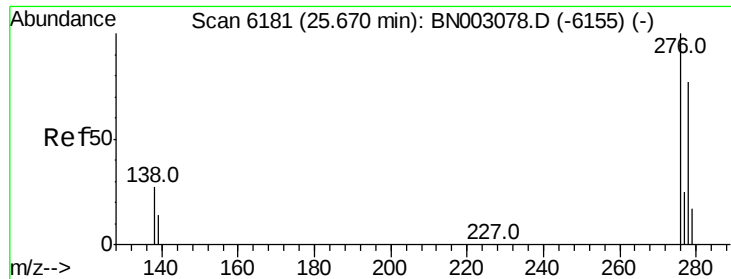
Delta R.T. 0.01 min

Lab File: BN003095.D

Acq: 11 Oct 2018 09:49

Tgt Ion:	276	Resp:	2471
Ion Ratio	Lower	Upper	
276	100		
138	22.4	21.5	32.3
227	0.3	0.3	0.5#





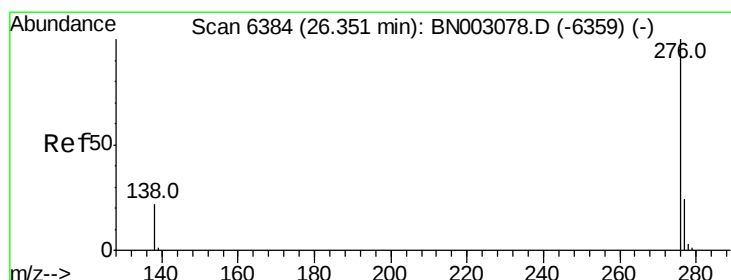
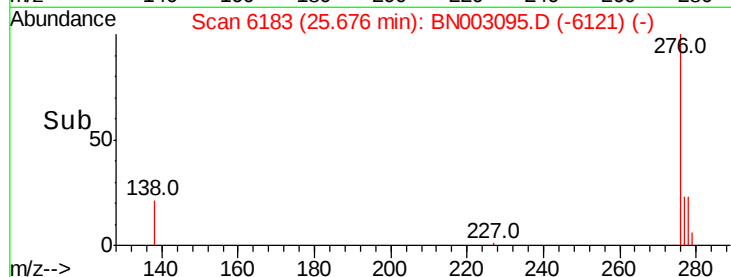
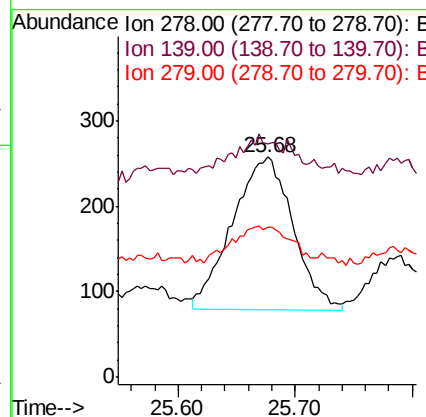
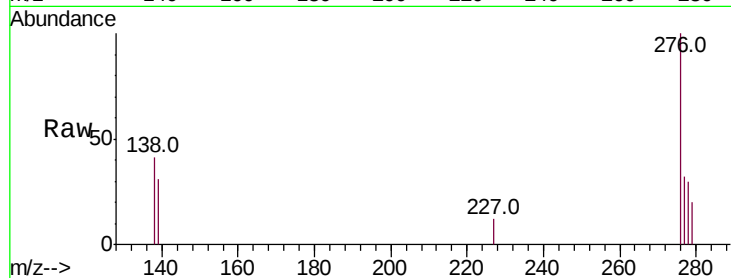
#25
Dibenzo(a,h)anthracene
Concen: 0.044 ng/u1
RT: 25.68 min Scan# 6183
Delta R.T. 0.01 min
Lab File: BN003095.D
Acq: 11 Oct 2018 09:49

Instrument :
BNA_N
ClientSampled :
C0AK4DL

Tot Ion:278 Resp: 642
Ion Ratio Lower Upper
278 100
139 105.8 20.2 30.4#
279 67.8 23.8 35.8#

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#26
Benzo(g,h,i)perylene
Concen: 0.144 ng/u1
RT: 26.36 min Scan# 6386
Delta R.T. 0.01 min
Lab File: BN003095.D
Acq: 11 Oct 2018 09:49

Tgt Ion:276 Resp: 2228
Ion Ratio Lower Upper
276 100
138 45.5 23.0 34.4#
277 33.7 22.0 33.0#

