

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101118\
 Data File : BN003093.D
 Acq On : 11 Oct 2018 08:39
 Operator : MJ/SJ
 Sample : J5157-08DL 2X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AD0DL

Manual Integrations
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Quant Time: Oct 11 13:28:49 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	7.62	152	1533	0.40	ng/ul	-0.03
2) Naphthalene-d8	10.39	136	6331	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	3769	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.01	188	8310m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.23	240	5552m	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	4664	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	2858	0.29	ng/ul	-0.01
14) Fluoranthene-d10	19.06	212	6972m	0.29	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.44	128	784	0.048	ng/ul#	81
7) Acenaphthylene	13.98	152	1381	0.080	ng/ul#	88
9) Fluorene	15.32	166	327	0.022	ng/ul#	84
12) Phenanthrene	17.06	178	2477m	0.107	ng/ul	
13) Anthracene	17.15	178	2276m	0.104	ng/ul	
15) Fluoranthene	19.09	202	9349m	0.344	ng/ul	
17) Pyrene	19.45	202	20534	0.952	ng/ul	99
18) Benzo(a)anthracene	21.22	228	8645	0.484	ng/ul#	93
19) Chrysene	21.27	228	9537	0.526	ng/ul#	94
21) Benzo(b)fluoranthene	22.78	252	18180m	1.082	ng/ul	
22) Benzo(k)fluoranthene	22.83	252	6440m	0.370	ng/ul	
23) Benzo(a)pyrene	23.34	252	10608	0.705	ng/ul#	70
24) Indeno(1,2,3-cd)pyrene	25.67	276	6362	0.368	ng/ul	96
25) Dibenzo(a,h)anthracene	25.66	278	1750	0.126	ng/ul#	1
26) Benzo(g,h,i)perylene	26.35	276	4826	0.331	ng/ul#	80

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

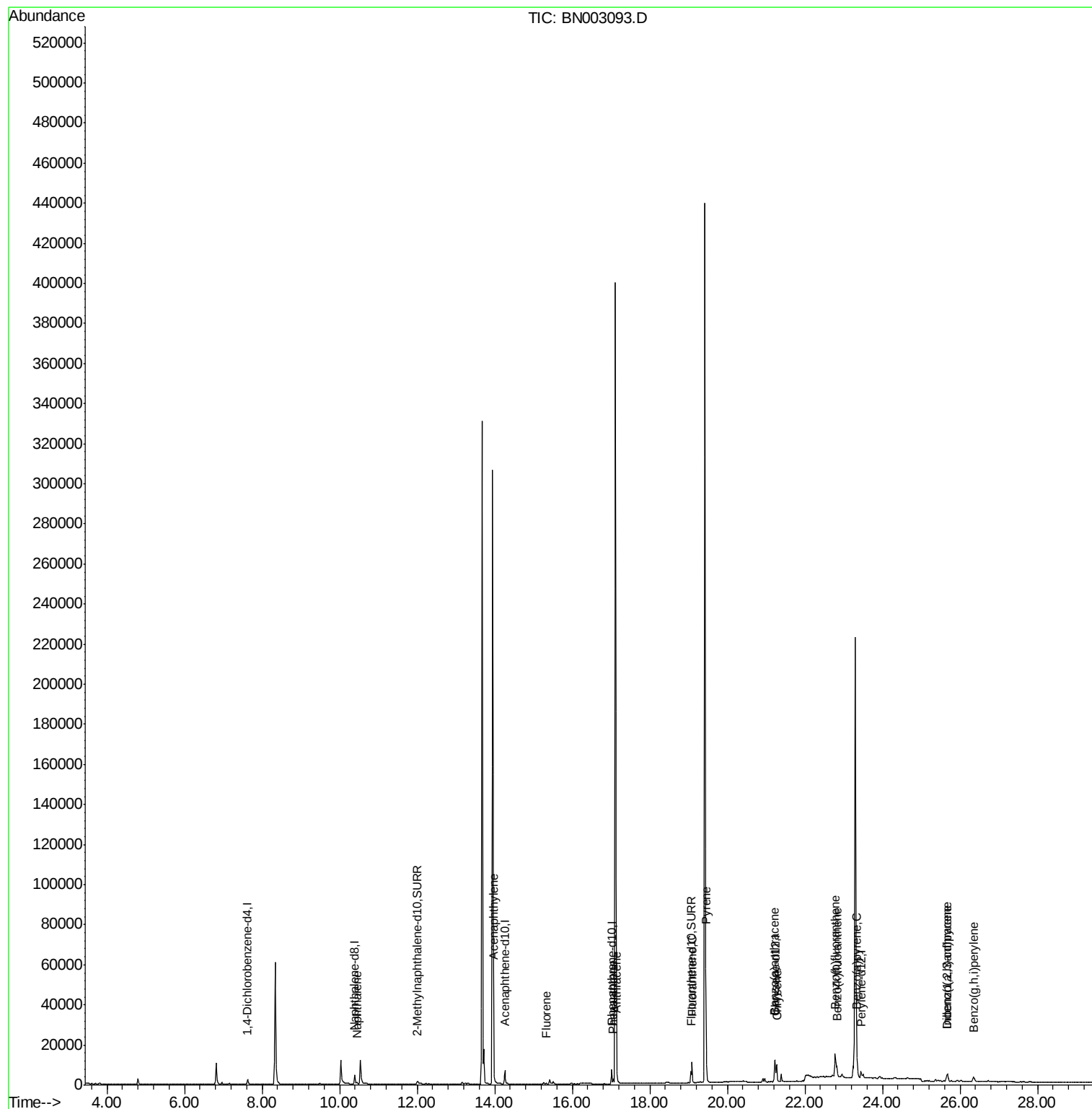
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101118\
Data File : BN003093.D
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ALS Vial : 30 Sample Multiplier: 1

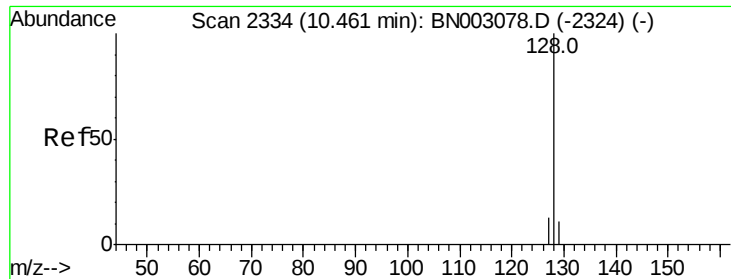
Instrument :
BNA_N
ClientSampleId :
C0AD0DL

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Quant Time: Oct 11 13:28:49 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: 0.048 ng/ul

RT: 10.44 min Scan# 2330

Delta R.T. -0.02 min

Lab File: BN003093.D

Acq: 11 Oct 2018 08:39

Instrument :

BNA_N

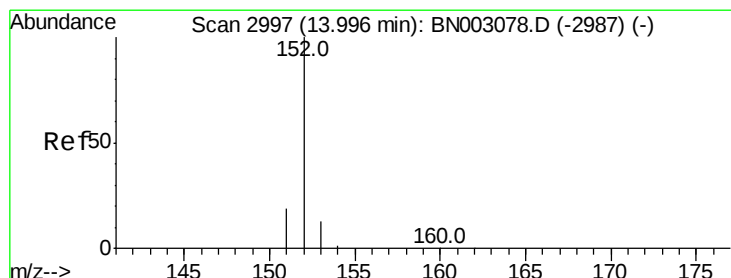
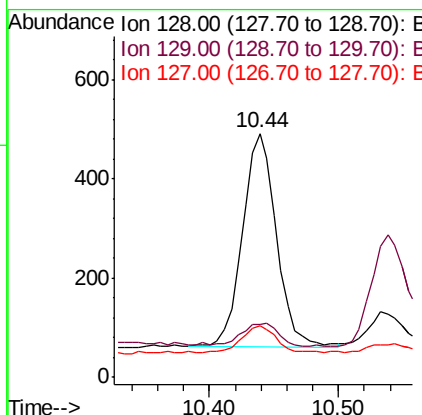
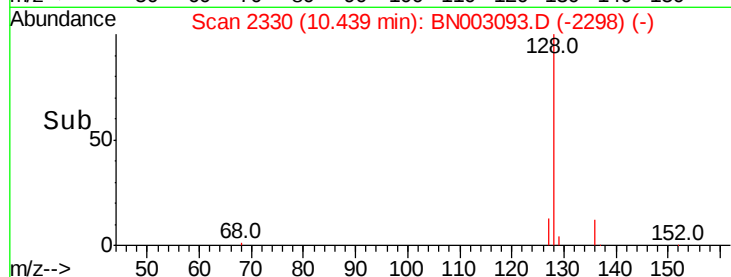
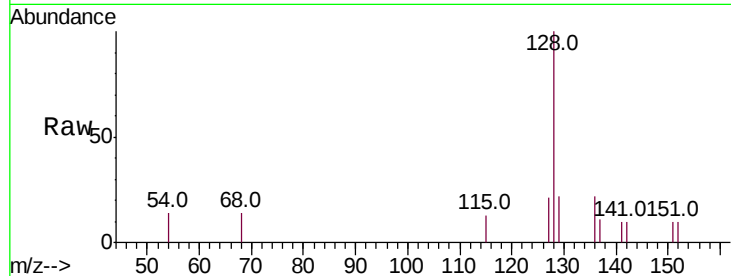
ClientSampled :

C0AD0DL

Tot Ion:	128	Resp:	784
Ion Ratio	Lower	Upper	
128	100		
129	21.6	10.4	15.6#
127	21.2	11.7	17.5#

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#7

Acenaphthylene

Concen: 0.080 ng/ul

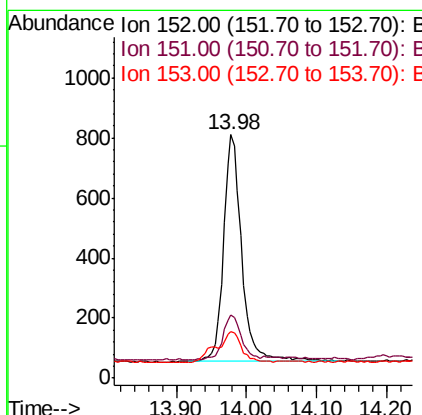
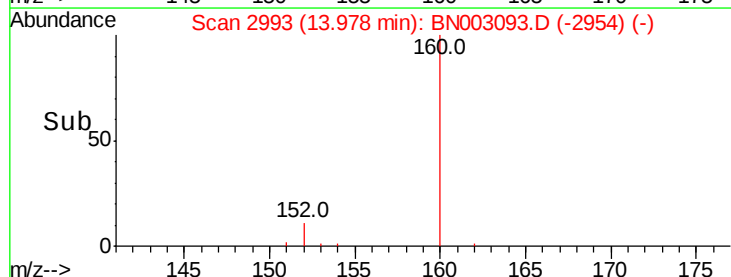
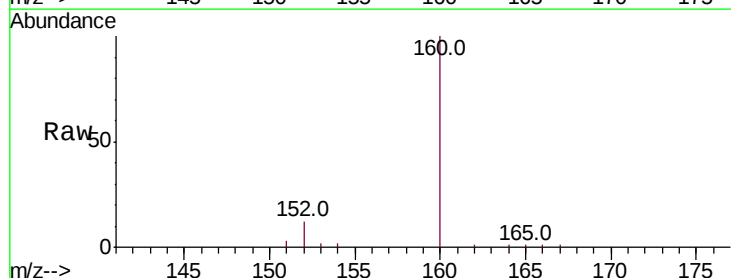
RT: 13.98 min Scan# 2993

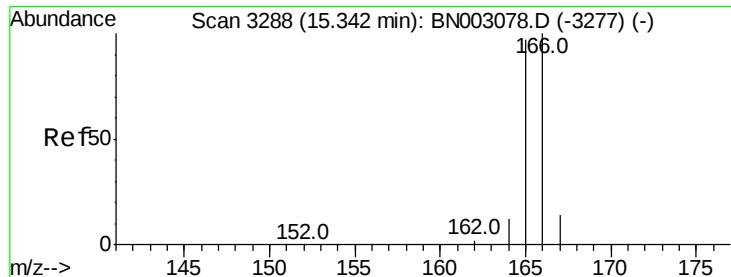
Delta R.T. -0.02 min

Lab File: BN003093.D

Acq: 11 Oct 2018 08:39

Tgt Ion:	152	Resp:	1381
Ion Ratio	Lower	Upper	
152	100		
151	25.9	16.5	24.7#
153	19.4	11.4	17.2#





#9

Fluorene

Concen: 0.022 ng/ul

RT: 15.32 min Scan# 3283

Delta R.T. -0.02 min

Lab File: BN003093.D

Acq: 11 Oct 2018 08:39

Instrument :

BNA_N

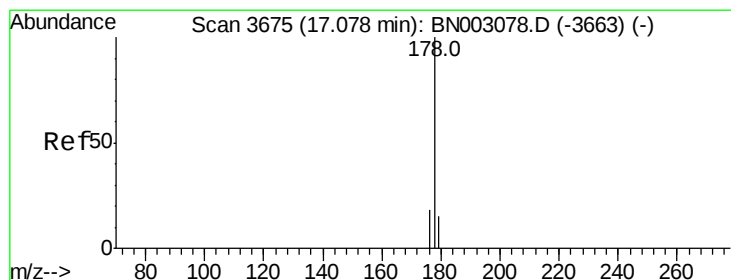
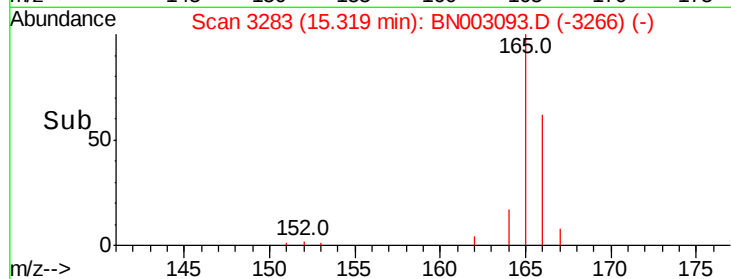
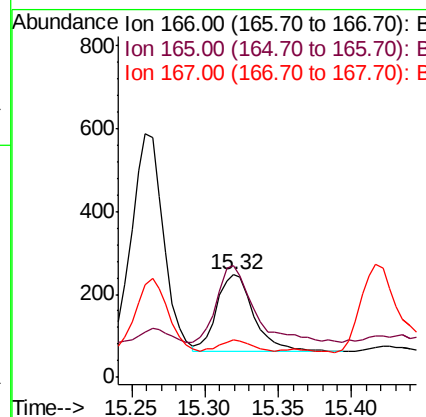
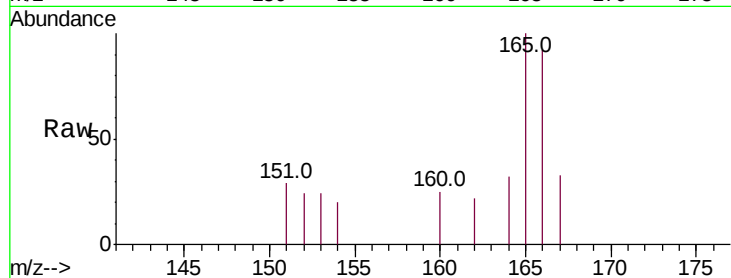
ClientSampleId :

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Tot Ion:	166	Resp:	327
Ion Ratio	Lower	Upper	
166	100		
165	108.9	78.5	117.7
167	36.4	11.6	17.4#

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#12

Phenanthrene

Concen: 0.107 ng/ul m

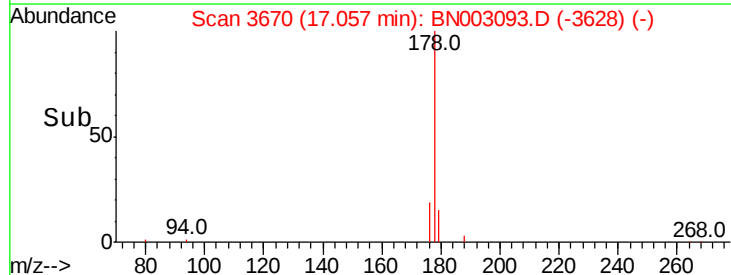
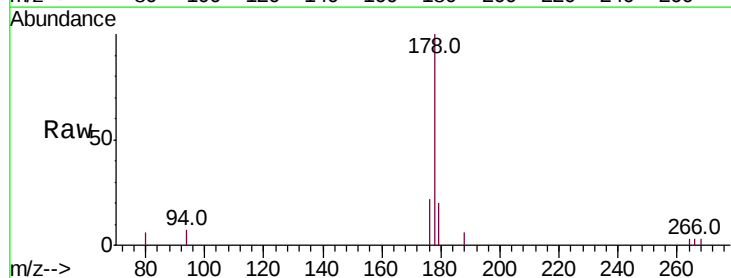
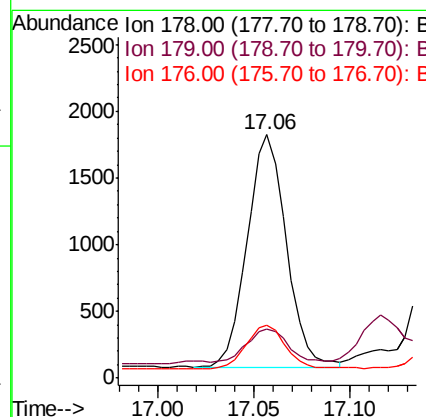
RT: 17.06 min Scan# 3670

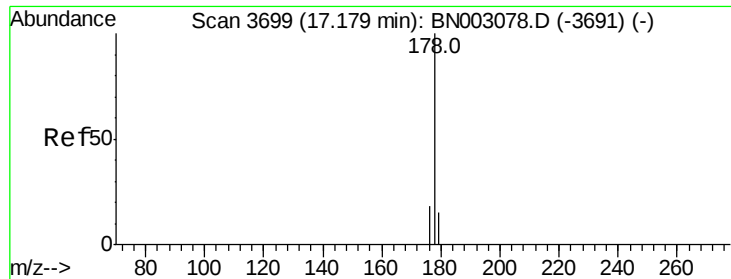
Delta R.T. -0.02 min

Lab File: BN003093.D

Acq: 11 Oct 2018 08:39

Tgt Ion:	178	Resp:	2477
Ion Ratio	Lower	Upper	
178	100		
179	20.4	12.9	19.3#
176	21.8	15.4	23.2





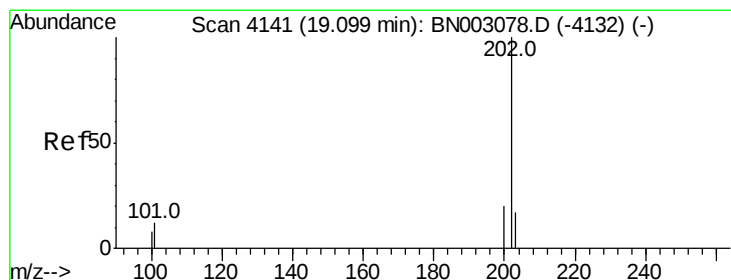
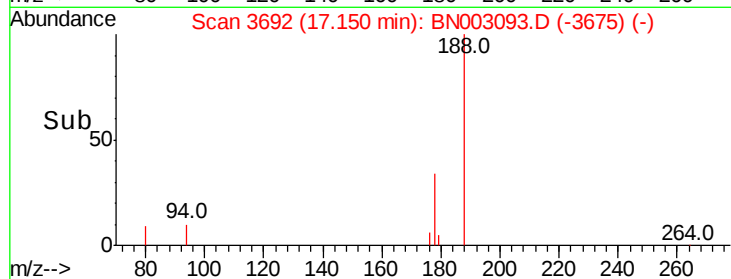
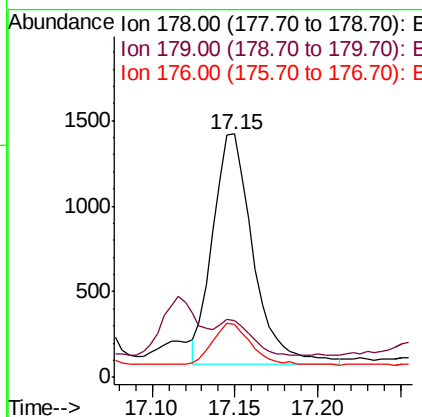
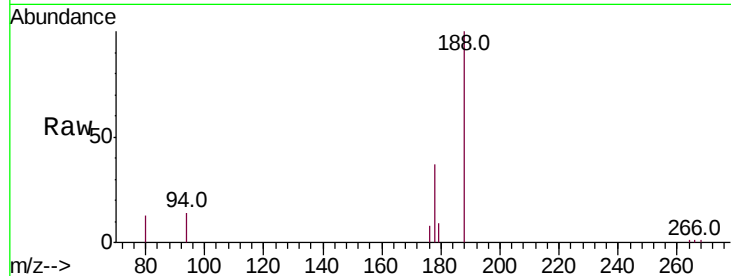
#13
 Anthracene
 Concen: 0.104 ng/ul m
 RT: 17.15 min Scan# 3692
 Delta R.T. -0.03 min
 Lab File: BN003093.D
 Acq: 11 Oct 2018 08:39

Instrument :
 BNA_N
 ClientSampleId :
 C0AD0DL

Tot Ion:178 Resp: 2276
 Ion Ratio Lower Upper
 178 100
 179 23.2 13.0 19.6#
 176 21.5 15.3 22.9

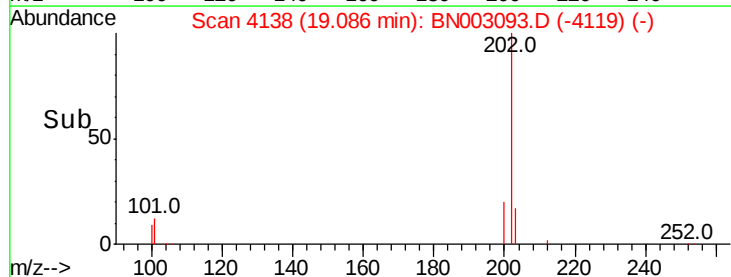
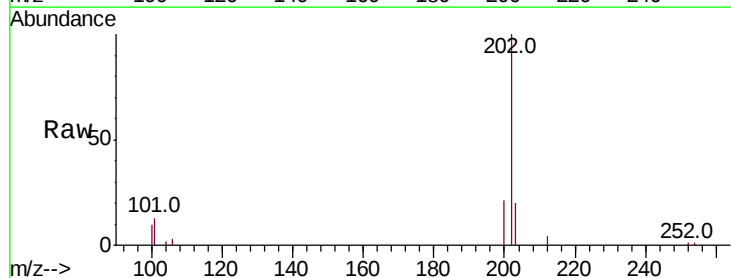
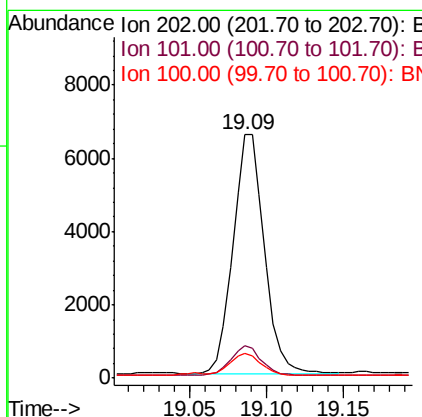
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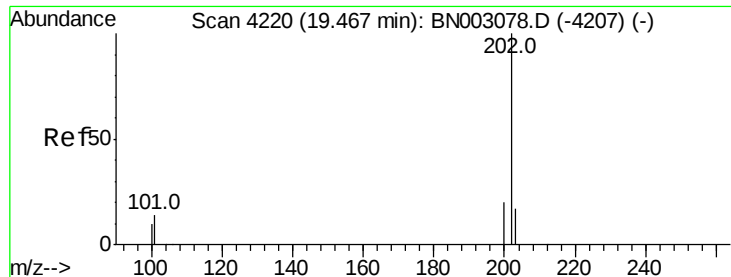
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#15
 Fluoranthene
 Concen: 0.344 ng/ul m
 RT: 19.09 min Scan# 4138
 Delta R.T. -0.01 min
 Lab File: BN003093.D
 Acq: 11 Oct 2018 08:39

Tgt Ion:202 Resp: 9349
 Ion Ratio Lower Upper
 202 100
 101 13.3 0.0 32.3
 100 10.2 0.0 29.1





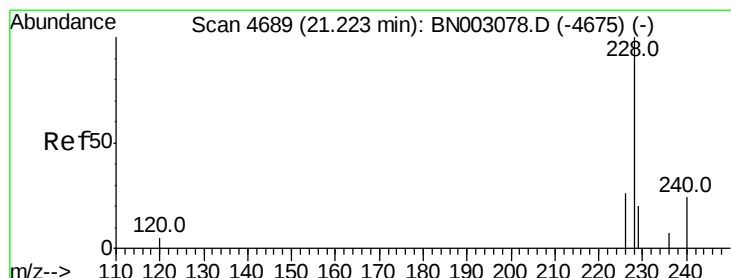
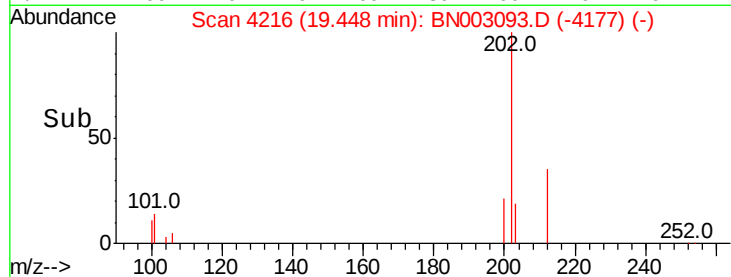
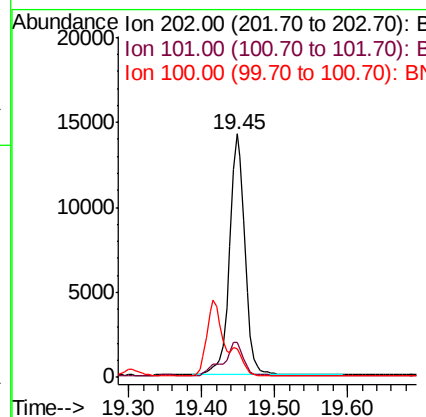
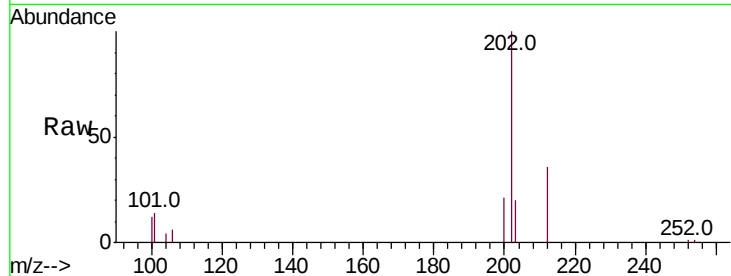
#17
Pvrene
Concen: 0.952 ng/ul
RT: 19.45 min Scan# 4216
Delta R.T. -0.02 min
Lab File: BN003093.D
Acq: 11 Oct 2018 08:39

Instrument :
BNA_N
ClientSampleId :
C0AD0DL

Tot Ion:	202	Resp:	20534
Ion Ratio	Lower	Upper	
202	100		
101	14.4	11.9	17.9
100	11.8	9.9	14.9

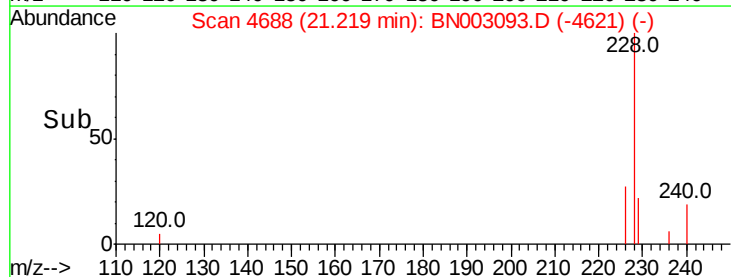
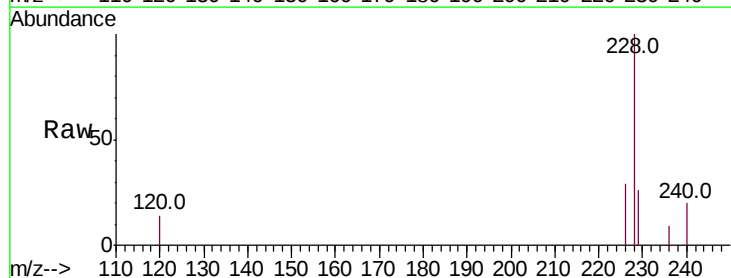
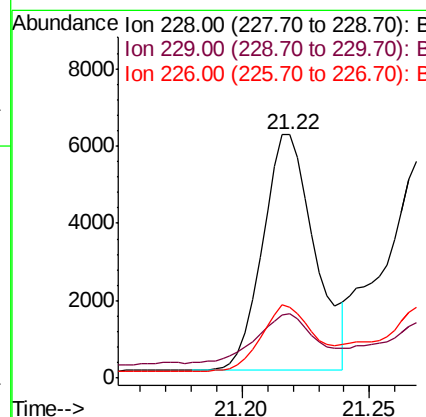
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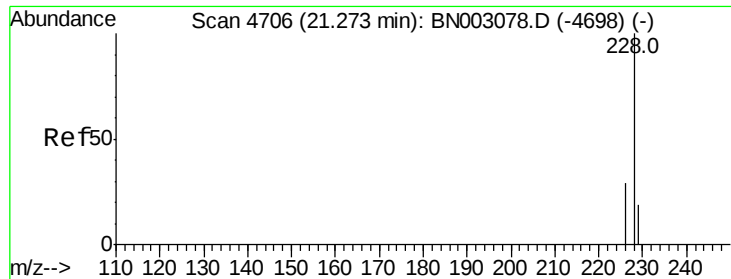
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#18
Benzo(a)anthracene
Concen: 0.484 ng/ul
RT: 21.22 min Scan# 4688
Delta R.T. -0.00 min
Lab File: BN003093.D
Acq: 11 Oct 2018 08:39

Tgt Ion:	228	Resp:	8645
Ion Ratio	Lower	Upper	
228	100		
229	26.4	16.2	24.2#
226	29.0	22.3	33.5





#19

Chrysene

Concen: 0.526 ng/ul

RT: 21.27 min Scan# 4706

Delta R.T. -0.00 min

Lab File: BN003093.D

Acq: 11 Oct 2018 08:39

Instrument :

BNA_N

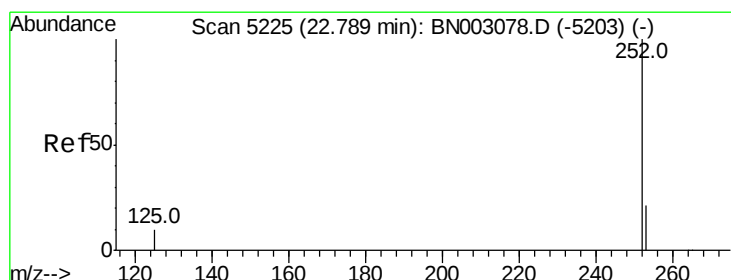
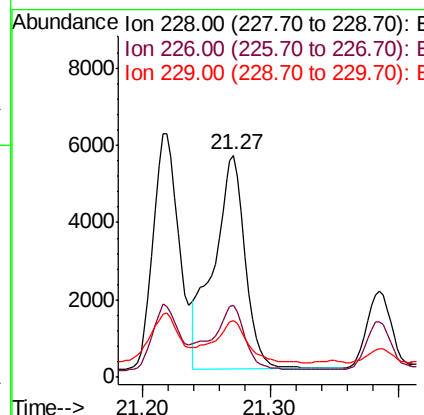
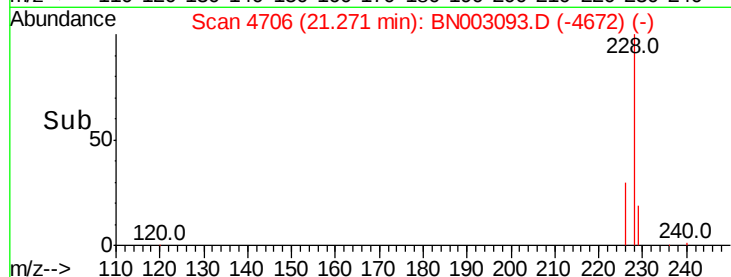
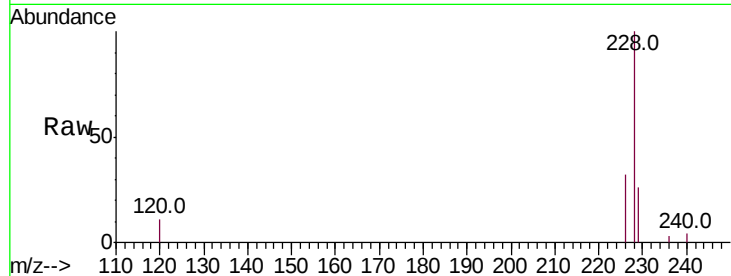
ClientSampleId :

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Tot Ion:	228	Resp:	9537
Ion Ratio	Lower	Upper	
228	100		
226	32.2	24.2	36.4
229	25.5	16.7	25.1#

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#21

Benzo(b)fluoranthene

Concen: 1.082 ng/ul m

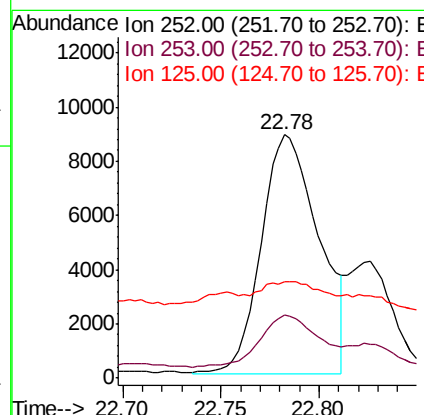
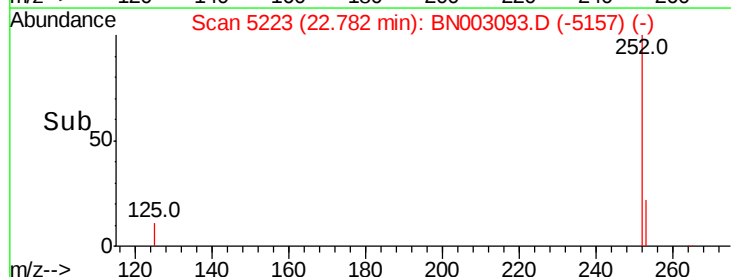
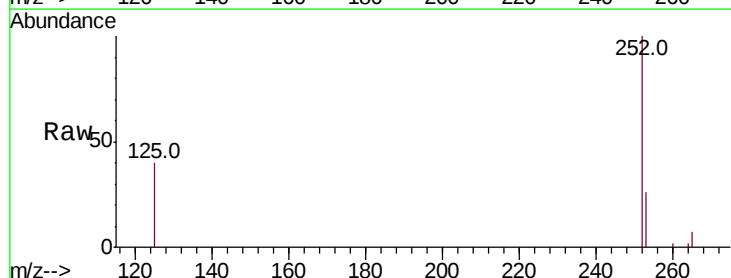
RT: 22.78 min Scan# 5223

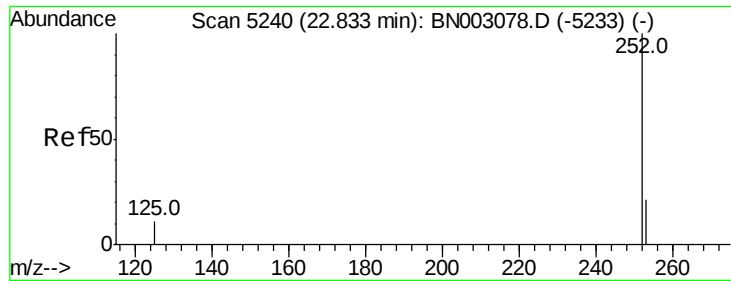
Delta R.T. -0.01 min

Lab File: BN003093.D

Acq: 11 Oct 2018 08:39

Tgt Ion:	252	Resp:	18180
Ion Ratio	Lower	Upper	
252	100		
253	25.8	0.0	53.2
125	39.8	0.0	34.2#





#22

Benzo(k)fluoranthene

Concen: 0.370 ng/ul m

RT: 22.83 min Scan# 5238

Delta R.T. -0.01 min

Lab File: BN003093.D

Acq: 11 Oct 2018 08:39

Instrument :

BNA_N

ClientSampled :

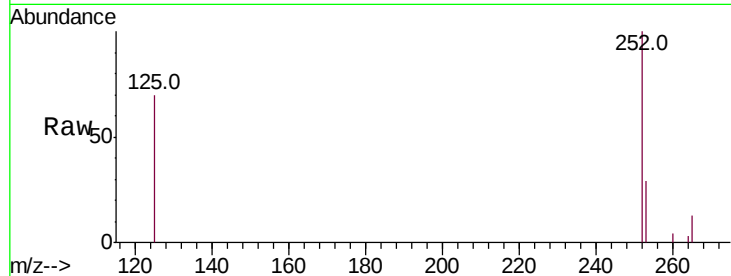
C0AD0DL

Tot Ion:252 Resp: 6440

Ion	Ratio	Lower	Upper
252	100		
253	29.3	21.3	31.9
125	70.4	14.1	21.1#

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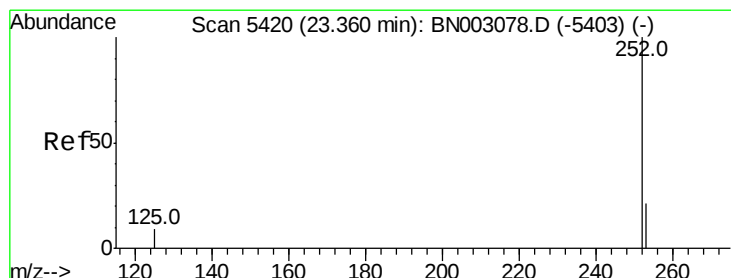
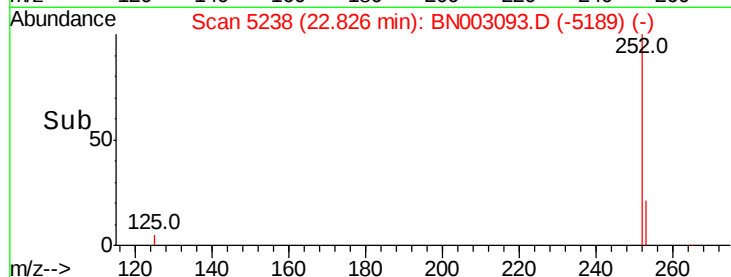
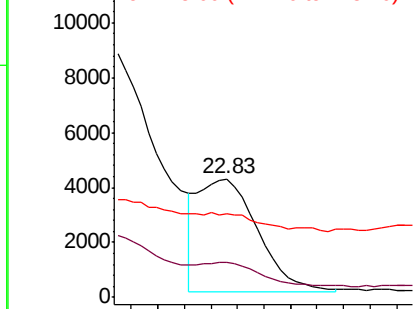
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#23

Benzo(a)pyrene

Concen: 0.705 ng/ul

RT: 23.34 min Scan# 5415

Delta R.T. -0.02 min

Lab File: BN003093.D

Acq: 11 Oct 2018 08:39

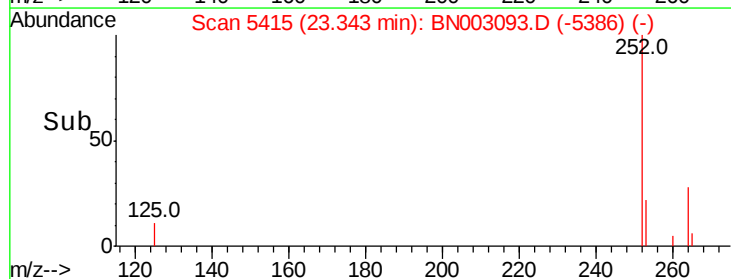
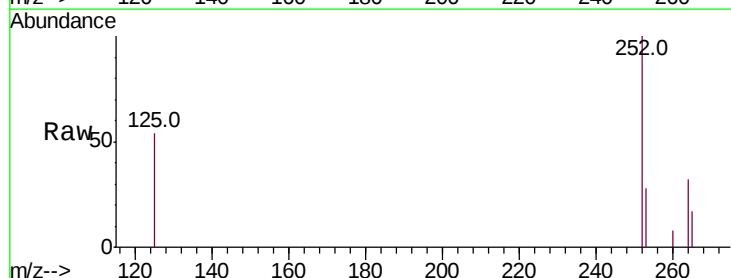
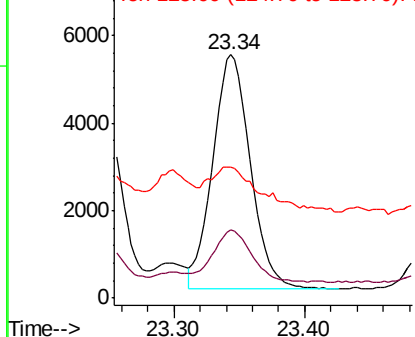
Tgt Ion:252 Resp: 10608

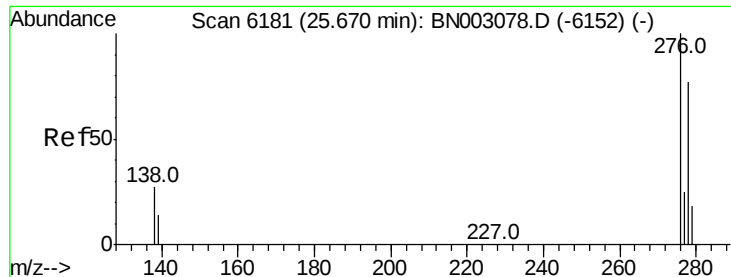
Ion	Ratio	Lower	Upper
252	100		
253	28.0	23.1	34.7
125	53.7	16.9	25.3#

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





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.368 ng/ul

RT: 25.67 min Scan# 6182

Delta R.T. 0.00 min

Lab File: BN003093.D

Acq: 11 Oct 2018 08:39

Instrument :

BNA_N

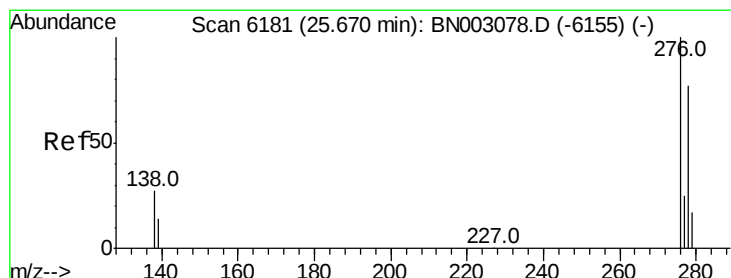
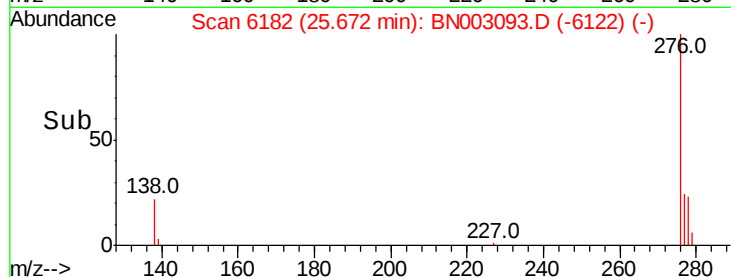
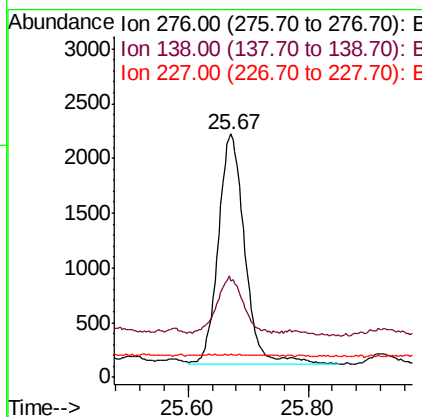
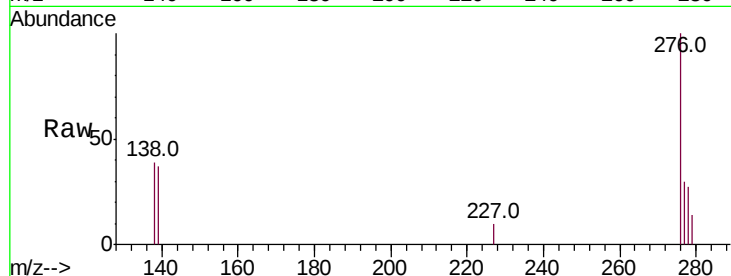
ClientSampleId :

C0AD0DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.9	21.5	32.3
227	0.5	0.3	0.5

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#25

Dibenzo(a,h)anthracene

Concen: 0.126 ng/ul

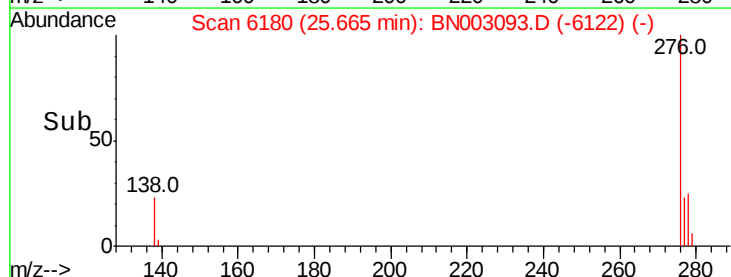
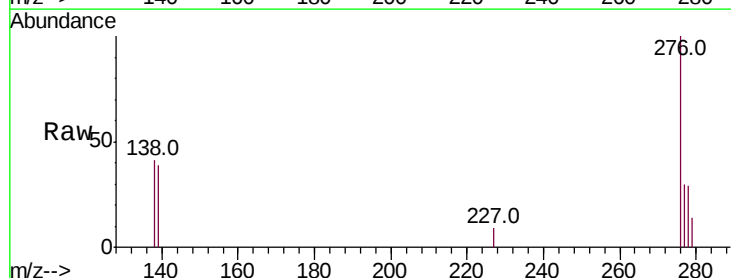
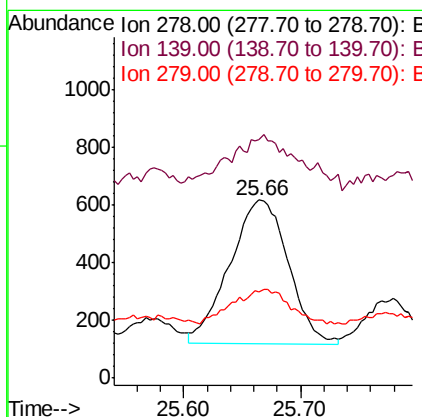
RT: 25.66 min Scan# 6180

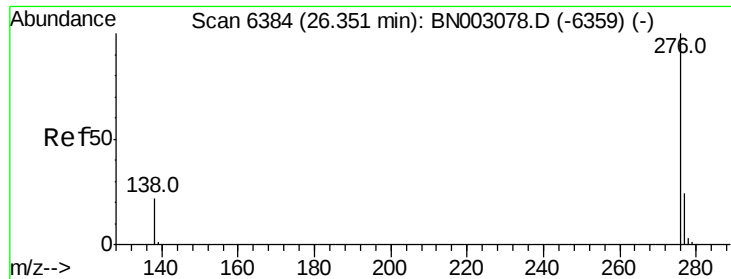
Delta R.T. -0.00 min

Lab File: BN003093.D

Acq: 11 Oct 2018 08:39

Tgt Ion	Ratio	Lower	Upper
278	100		
139	133.7	20.2	30.4#
279	48.3	23.8	35.8#





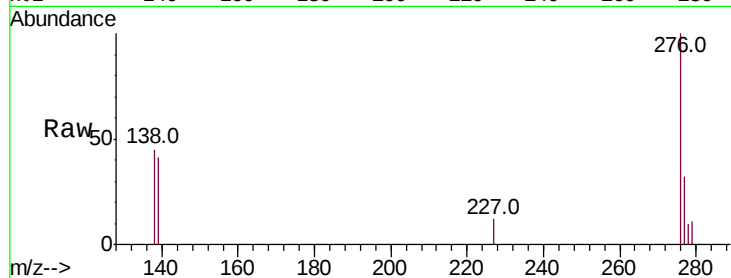
#26
Benzo(a,h,i)perylene
Concen: 0.331 ng/ul
RT: 26.35 min Scan# 6384
Delta R.T. -0.00 min
Lab File: BN003093.D
Acq: 11 Oct 2018 08:39

Instrument :
BNA_N
ClientSampleId :
C0AD0DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	45.5	23.0	34.4#
277	31.5	22.0	33.0

Manual Integrations
APPROVED

Sohil
10/11/2018 5:45:09 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

