

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110118\
 Data File : BN003382.D
 Acq On : 01 Nov 2018 17:14
 Operator : MJ/SJ
 Sample : J5701-21MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A40K4MS

Manual Integrations
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 11/2/2018 4:14:00 PM

Quant Time: Nov 01 18:16:22 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN110118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 13:18:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	10277	0.40	ng/ul	0.00
2) Naphthalene-d8	10.65	136	41116	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	23861	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.23	188	59063	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	58564	0.40	ng/ul	0.00
20) Perylene-d12	23.74	264	48331	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.24	152	9961	0.15	ng/ul	0.00
14) Fluoranthene-d10	19.26	212	28748	0.17	ng/ul	0.00
Target Compounds					Ovalue	
8) Acenaphthene	14.55	153	13682	0.148	ng/ul	99
12) Phenanthrene	17.27	178	35825	0.185	ng/ul	99
13) Anthracene	17.36	178	3215	0.020	ng/ul#	92
15) Fluoranthene	19.29	202	124870	0.574	ng/ul	99
17) Pyrene	19.65	202	140994	0.662	ng/ul	100
18) Benzo(a)anthracene	21.40	228	44524	0.242	ng/ul	98
19) Chrysene	21.45	228	59727	0.286	ng/ul	98
21) Benzo(b)fluoranthene	23.03	252	79343m	0.381	ng/ul	
22) Benzo(k)fluoranthene	23.08	252	25793m	0.128	ng/ul	
23) Benzo(a)pyrene	23.63	252	43602	0.251	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	26.09	276	27490	0.148	ng/ul#	97
25) Dibenzo(a,h)anthracene	26.10	278	6818	0.045	ng/ul#	74
26) Benzo(g,h,i)perylene	26.82	276	20548	0.129	ng/ul	97

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

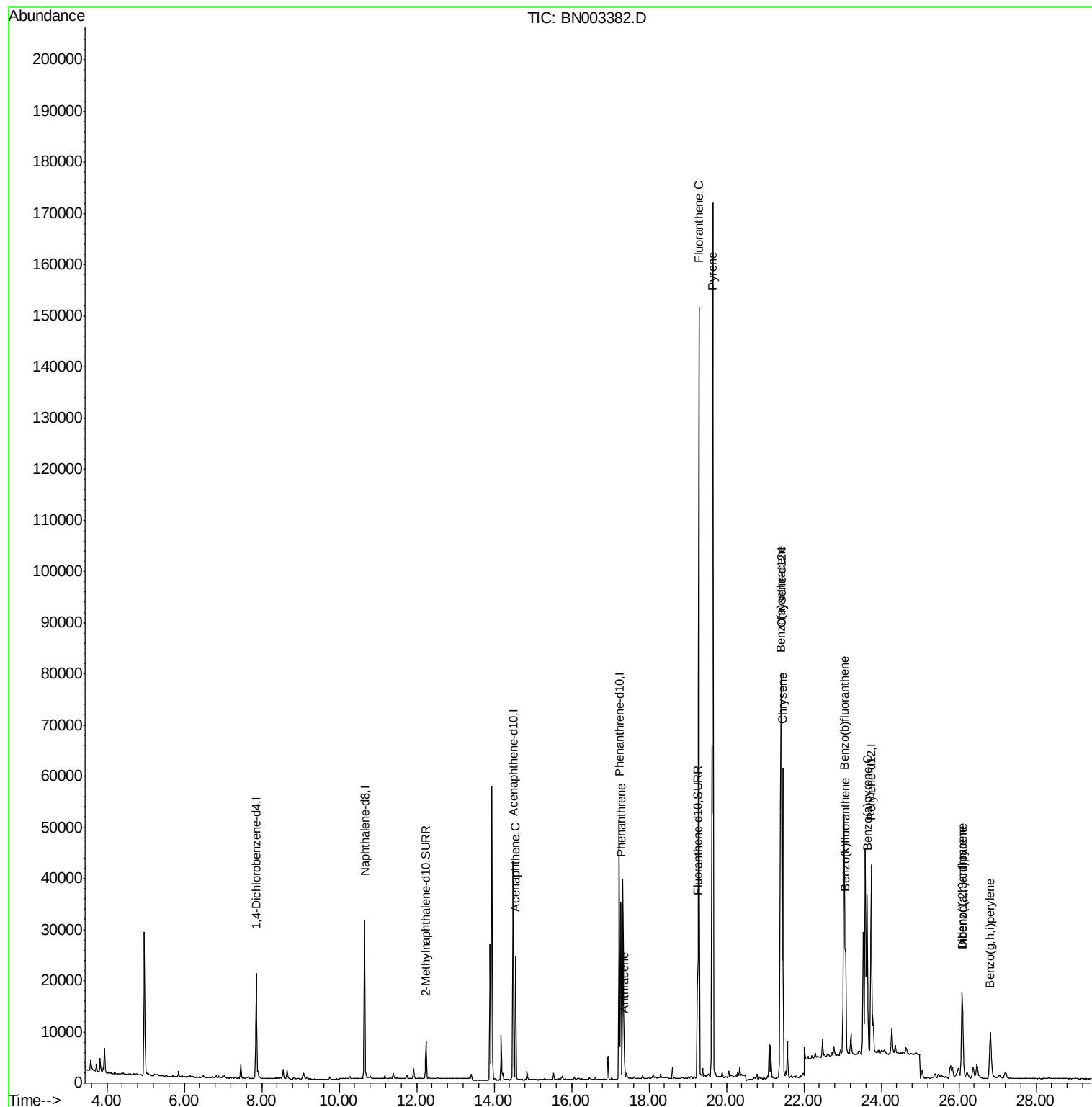
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110118\
Data File : BN003382.D
Acq On : 01 Nov 2018 17:14
Operator : MJ/SJ
Sample : J5701-21MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

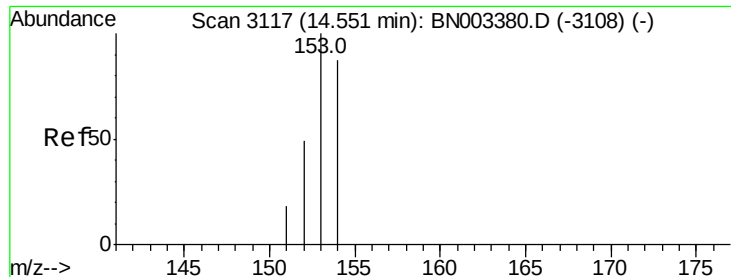
Instrument :
BNA_N
ClientSampleId :
A40K4MS

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Quant Time: Nov 01 18:16:22 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN110118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 13:18:49 2018
Response via : Initial Calibration





#8

Acenaphthene

Concen: 0.148 ng/ul

RT: 14.55 min Scan# 3117

Delta R.T. -0.00 min

Lab File: BN003382.D

Acq: 01 Nov 2018 17:14

Instrument :

BNA_N

ClientSampleId :

A40K4MS

Tot Ion:153 Resp: 13682

Ion Ratio Lower Upper

153 100

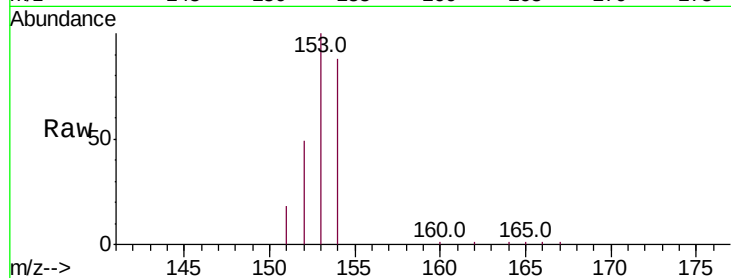
152 48.6 39.5 59.3

154 87.5 70.3 105.5

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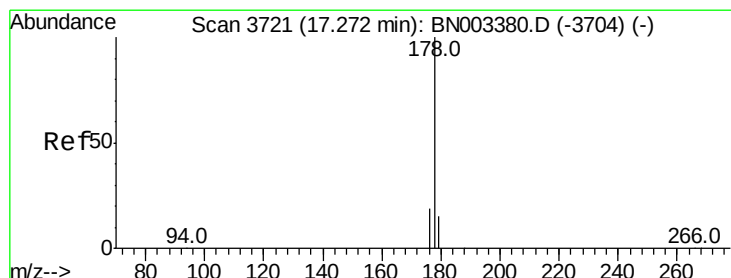
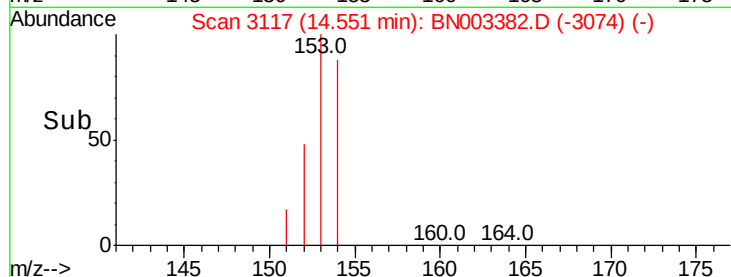
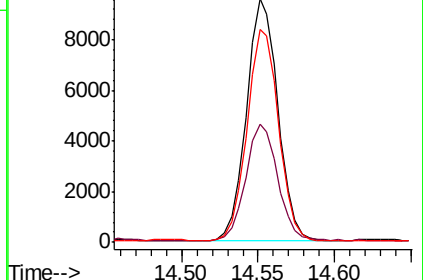
11/2/2018 4:14:00 PM



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#12

Phenanthrene

Concen: 0.185 ng/ul

RT: 17.27 min Scan# 3721

Delta R.T. -0.00 min

Lab File: BN003382.D

Acq: 01 Nov 2018 17:14

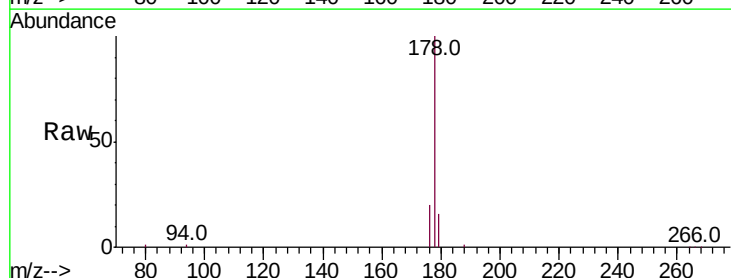
Tgt Ion:178 Resp: 35825

Ion Ratio Lower Upper

178 100

179 15.5 12.4 18.6

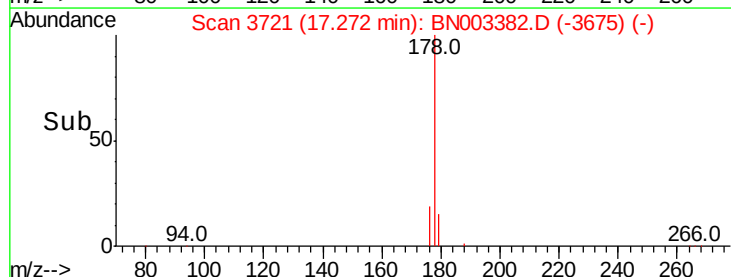
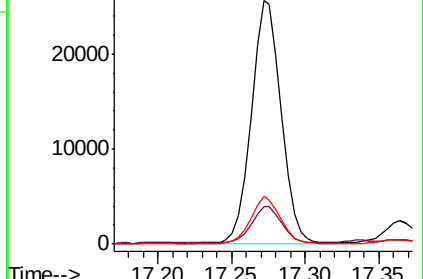
176 19.5 15.0 22.4

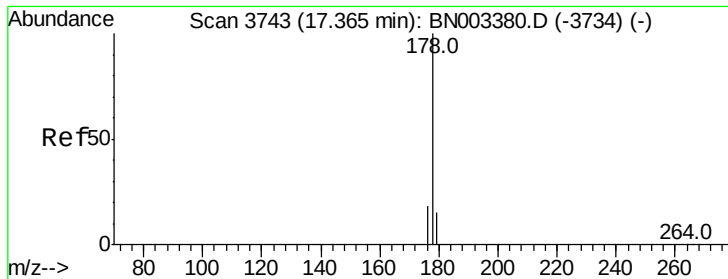


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





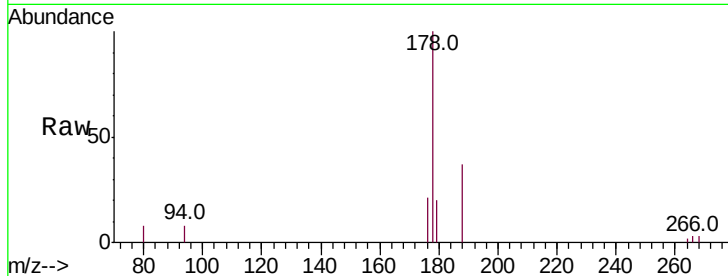
#13
 Anthracene
 Concen: 0.020 ng/ul
 RT: 17.36 min Scan# 3743
 Delta R.T. -0.00 min
 Lab File: BN003382.D
 Acq: 01 Nov 2018 17:14

Instrument :
 BNA_N
 ClientSampleId :
 A40K4MS

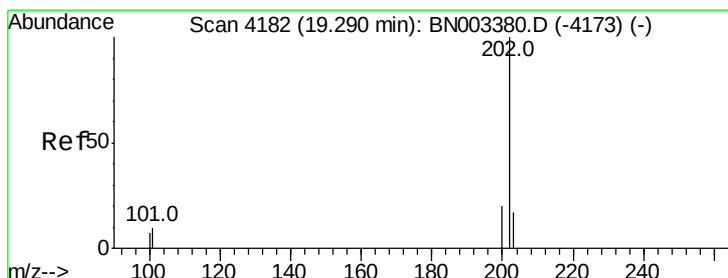
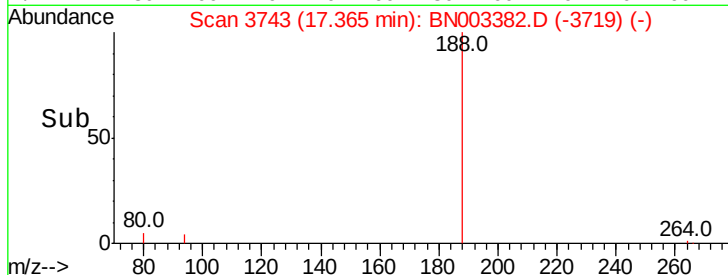
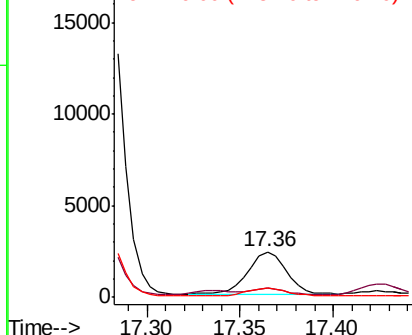
Tot Ion:178 Resp: 3215
 Ion Ratio Lower Upper
 178 100
 179 19.7 12.2 18.2#
 176 20.7 14.7 22.1

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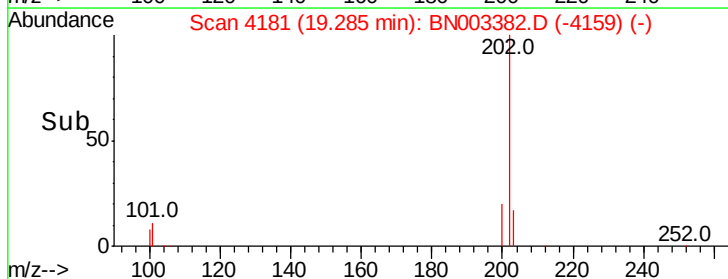
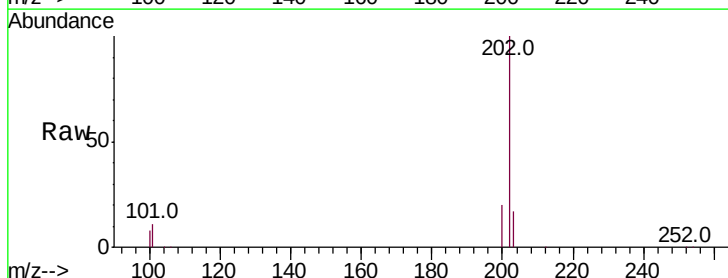
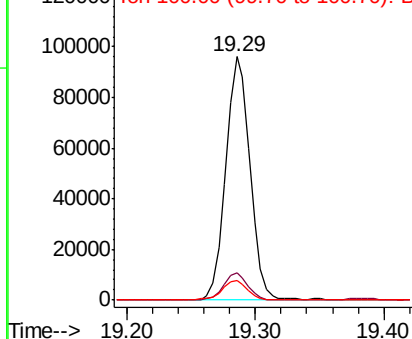
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E

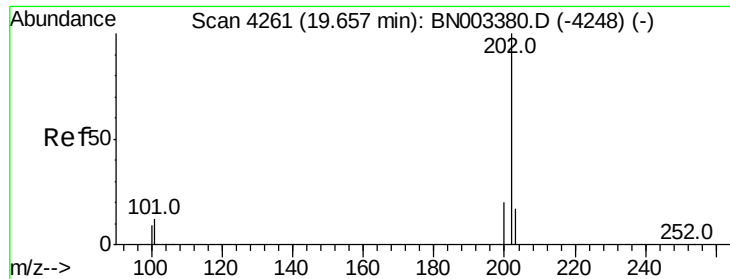


#15
 Fluoranthene
 Concen: 0.574 ng/ul
 RT: 19.29 min Scan# 4181
 Delta R.T. -0.00 min
 Lab File: BN003382.D
 Acq: 01 Nov 2018 17:14

Tgt Ion:202 Resp: 124870
 Ion Ratio Lower Upper
 202 100
 101 11.0 0.0 30.7
 100 8.3 0.0 28.0

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





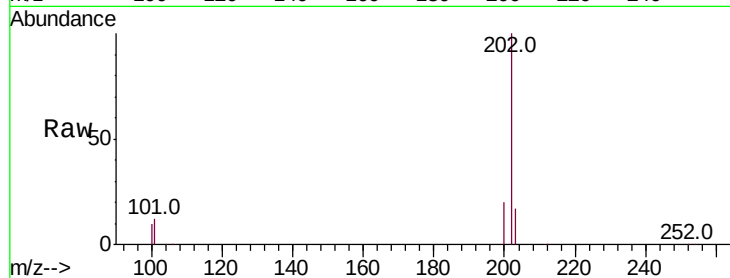
#17
Pvrene
Concen: 0.662 ng/ul
RT: 19.65 min Scan# 4260
Delta R.T. -0.00 min
Lab File: BN003382.D
Acq: 01 Nov 2018 17:14

Instrument :
BNA_N
ClientSampleId :
A40K4MS

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.0	9.5	14.3
100	9.6	7.5	11.3

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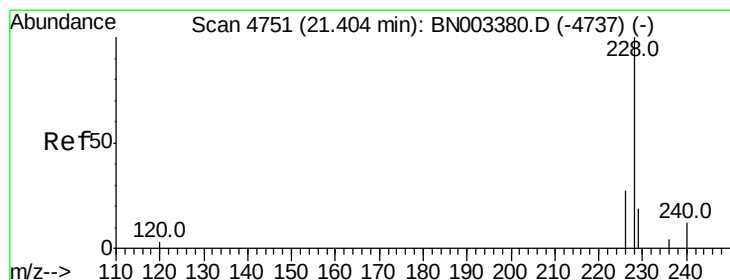
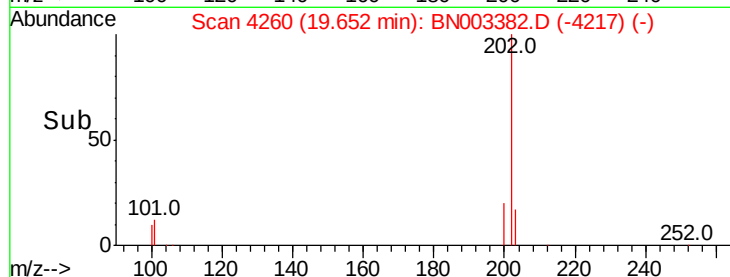
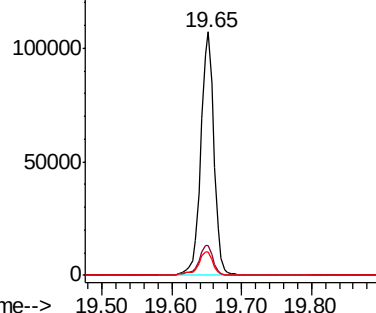


Abundance

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): E



#18
Benzo(a)anthracene
Concen: 0.242 ng/ul
RT: 21.40 min Scan# 4750
Delta R.T. 0.01 min
Lab File: BN003382.D
Acq: 01 Nov 2018 17:14

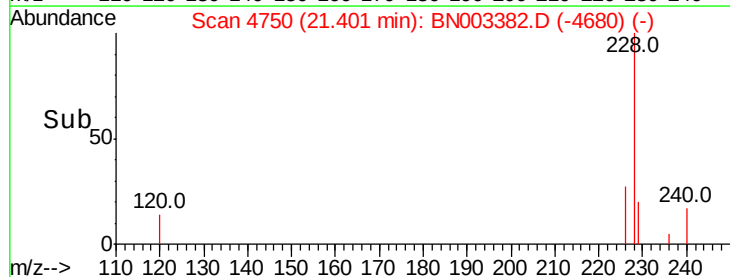
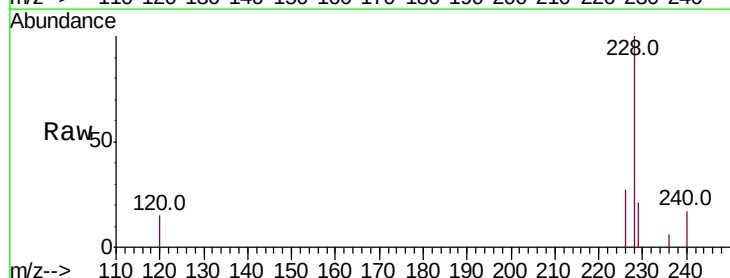
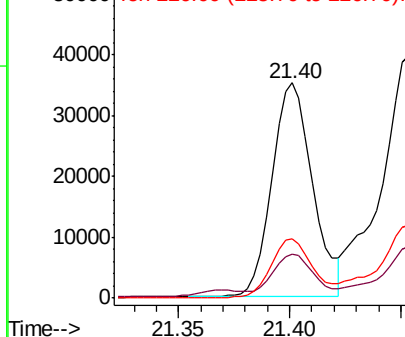
Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.5	15.5	23.3
226	27.4	21.5	32.3

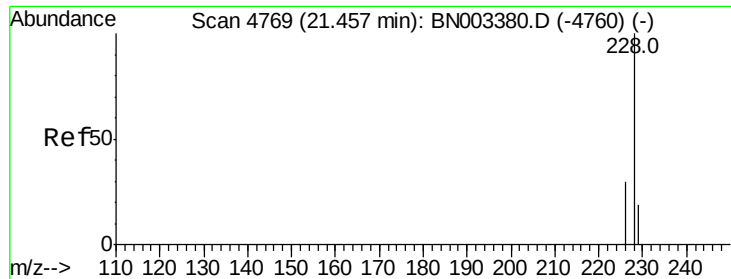
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.286 ng/ul

RT: 21.45 min Scan# 4768

Delta R.T. 0.01 min

Lab File: BN003382.D

Acq: 01 Nov 2018 17:14

Instrument :

BNA_N

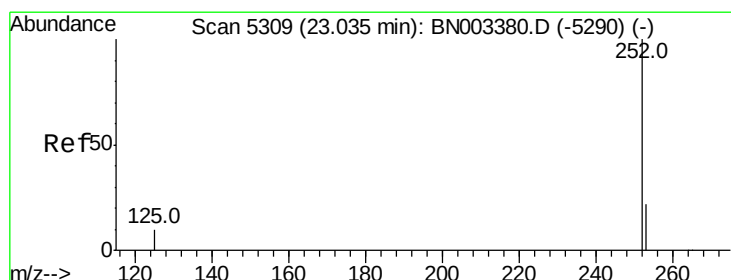
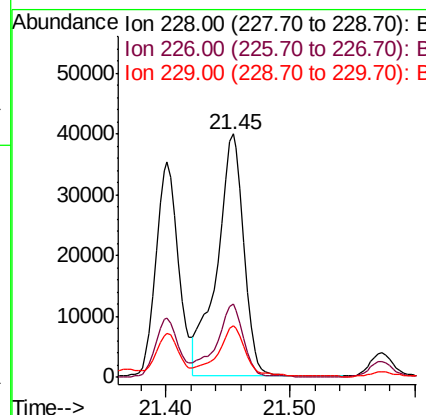
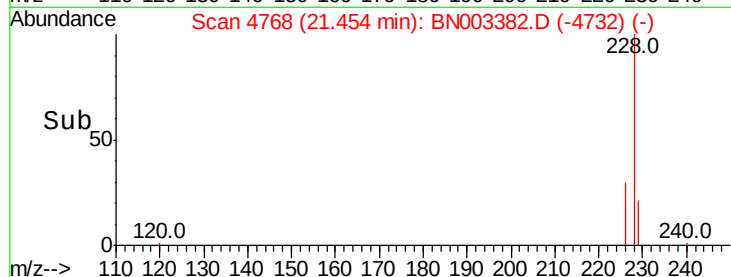
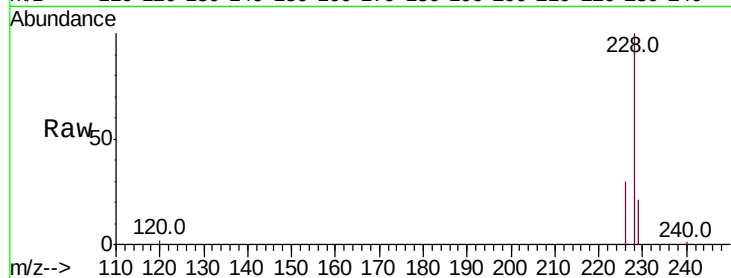
ClientSampled :

A40K4MS

Tot Ion:	228	Resp:	59727
Ion Ratio	Lower	Upper	
228	100		
226	30.0	23.8	35.6
229	21.2	15.5	23.3

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#21

Benzo(b)fluoranthene

Concen: 0.381 ng/ul m

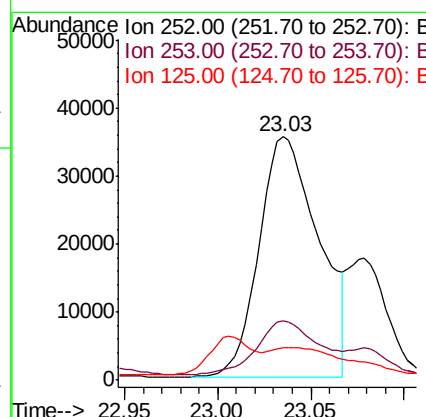
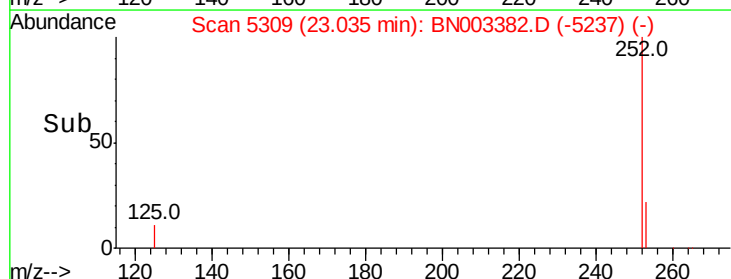
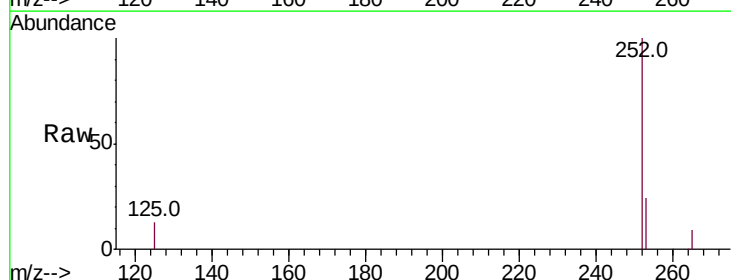
RT: 23.03 min Scan# 5309

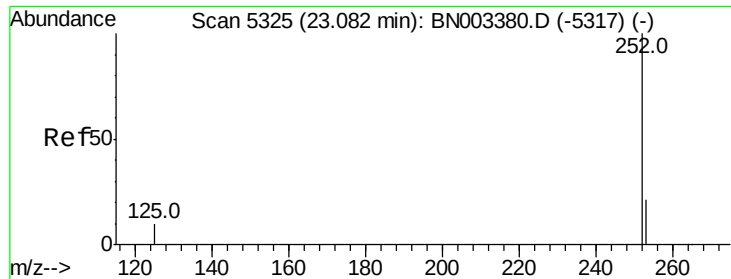
Delta R.T. 0.01 min

Lab File: BN003382.D

Acq: 01 Nov 2018 17:14

Tgt Ion:	252	Resp:	79343
Ion Ratio	Lower	Upper	
252	100		
253	24.3	0.0	45.6
125	13.1	0.0	21.8





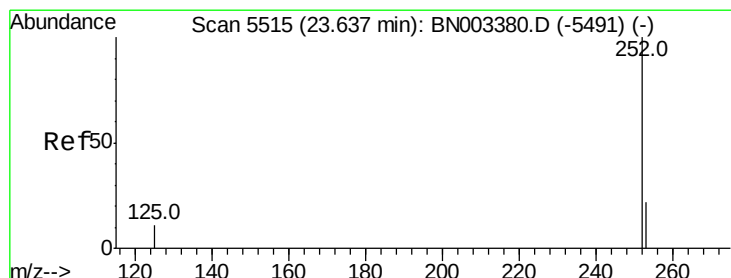
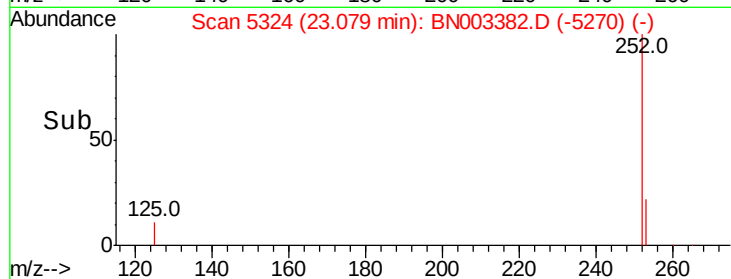
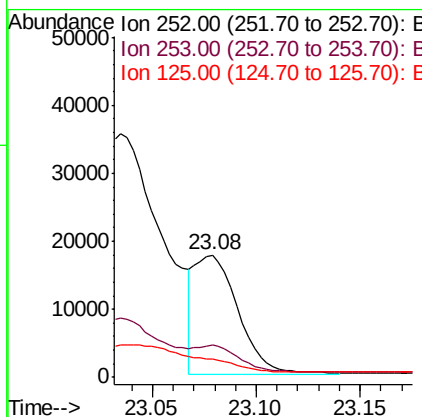
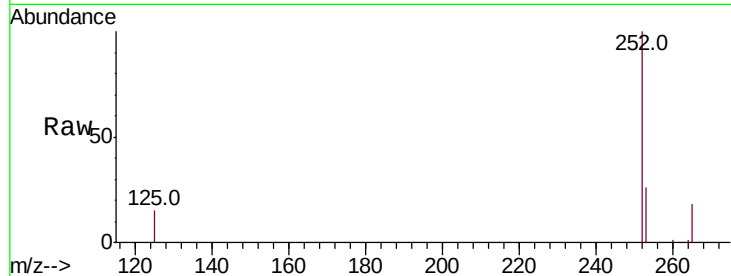
#22
Benzo(k)fluoranthene
Concen: 0.128 ng/ul m
RT: 23.08 min Scan# 5324
Delta R.T. 0.01 min
Lab File: BN003382.D
Acq: 01 Nov 2018 17:14

Instrument :
BNA_N
ClientSampleId :
A40K4MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.0	18.2	27.4
125	14.9	8.6	13.0

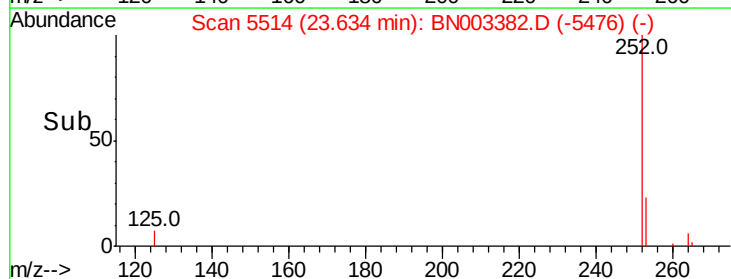
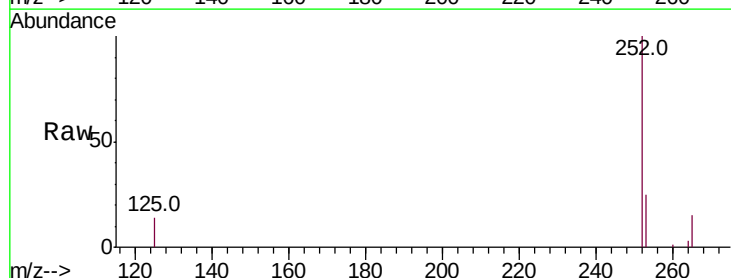
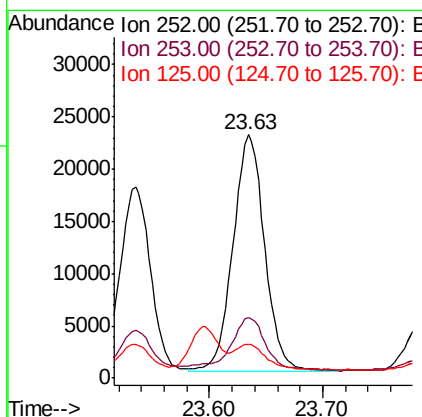
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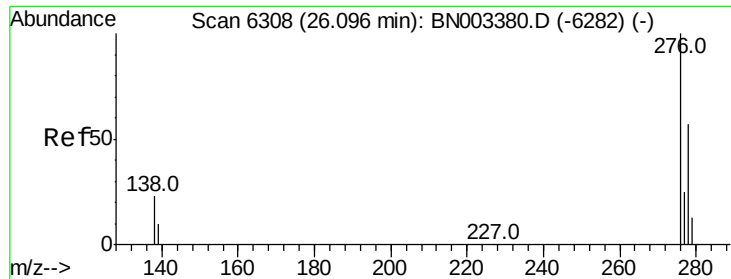
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#23
Benzo(a)pyrene
Concen: 0.251 ng/ul
RT: 23.63 min Scan# 5514
Delta R.T. 0.01 min
Lab File: BN003382.D
Acq: 01 Nov 2018 17:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.5	27.7
125	14.0	9.9	14.9





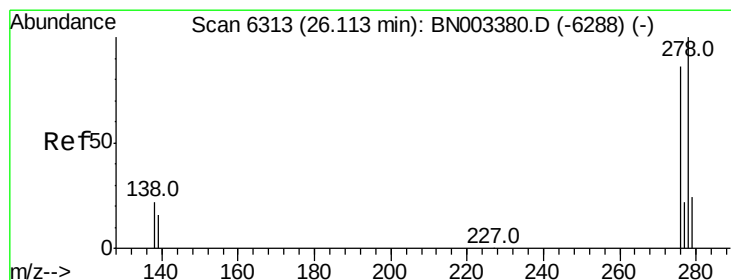
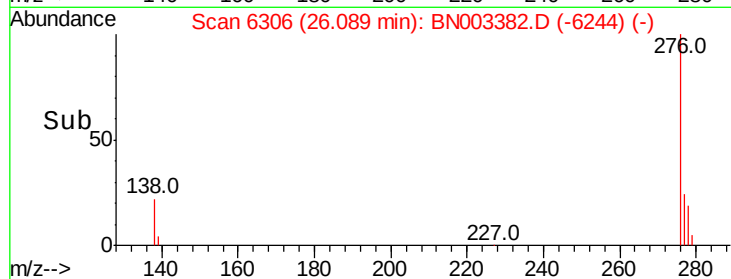
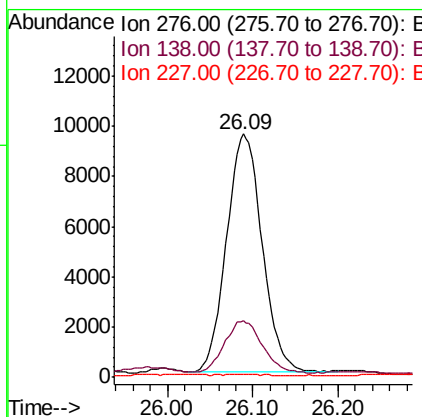
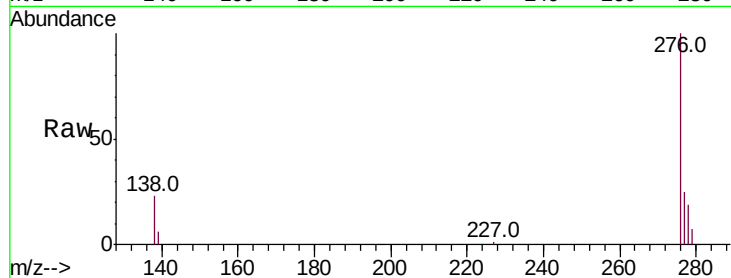
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.148 ng/ul
 RT: 26.09 min Scan# 6306
 Delta R.T. 0.01 min
 Lab File: BN003382.D
 Acq: 01 Nov 2018 17:14

Instrument :
 BNA_N
 ClientSampleId :
 A40K4MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.1	19.8	29.8
227	0.1	0.2	0.2

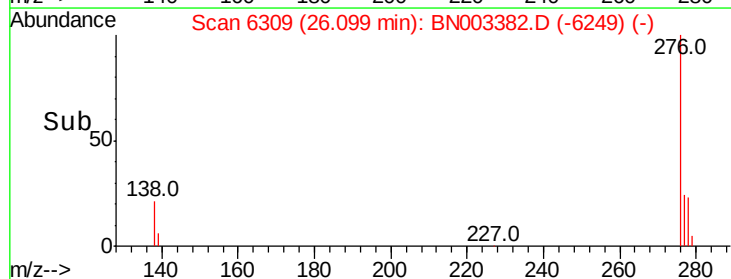
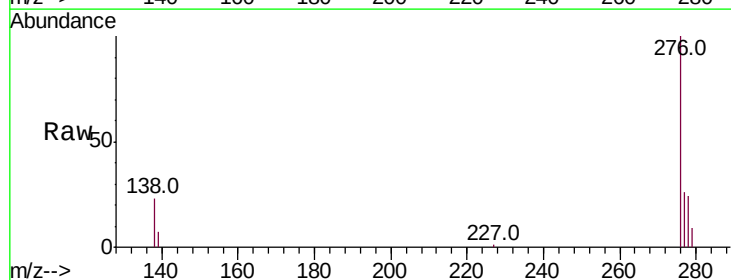
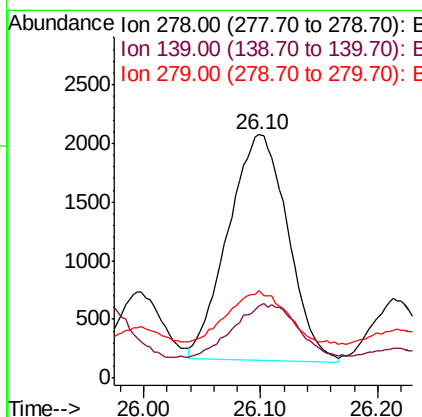
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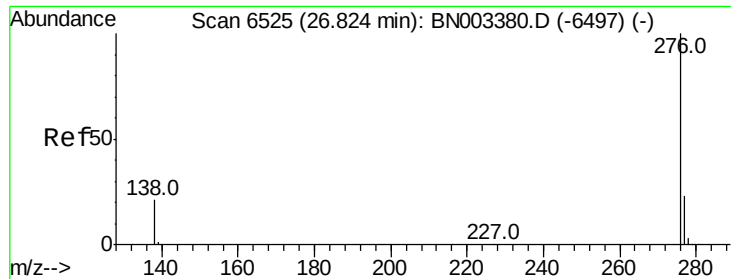
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#25
 Dibenzo(a,h)anthracene
 Concen: 0.045 ng/ul
 RT: 26.10 min Scan# 6309
 Delta R.T. -0.00 min
 Lab File: BN003382.D
 Acq: 01 Nov 2018 17:14

Tgt Ion	Ratio	Lower	Upper
278	100		
139	29.7	13.1	19.7
279	35.7	19.5	29.3





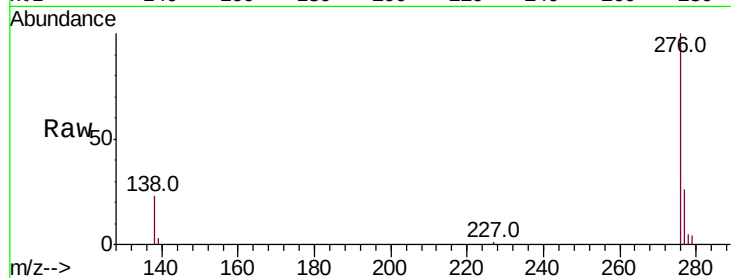
#26
 Benzo(a,h,i)perylene
 Concen: 0.129 ng/ul
 RT: 26.82 min Scan# 6524
 Delta R.T. 0.01 min
 Lab File: BN003382.D
 Acq: 01 Nov 2018 17:14

Instrument :
 BNA_N
 ClientSampleId :
 A40K4MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.8	17.0	25.6
277	25.7	19.2	28.8

Manual Integrations
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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

