

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120618\
 Data File : BN003747.D
 Acq On : 07 Dec 2018 01:50
 Operator : JU/SJ
 Sample : J6227-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9E80

Manual Integrations
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Quant Time: Dec 07 04:44:28 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 07 04:08:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	5780	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	23721	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	12704	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	27834m	0.40	ng/ul	0.00
16) Chrysene-d12	21.39	240	22548m	0.40	ng/ul	0.00
20) Perylene-d12	23.70	264	17031m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	6003	0.16	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	12702m	0.16	ng/ul	0.00
Target Compounds				Ovalue		
5) 2-Methylnaphthalene	12.29	142	1691	0.036	ng/ul	100
12) Phenanthrene	17.25	178	6437	0.070	ng/ul	95
15) Fluoranthene	19.27	202	7558m	0.070	ng/ul	
17) Pyrene	19.63	202	7406m	0.092	ng/ul	
18) Benzo(a)anthracene	21.38	228	3483	0.049	ng/ul#	90
19) Chrysene	21.43	228	5102	0.063	ng/ul#	93
21) Benzo(b)fluoranthene	23.00	252	4689m	0.067	ng/ul	
22) Benzo(k)fluoranthene	23.05	252	1603m	0.023	ng/ul	
23) Benzo(a)pyrene	23.60	252	2288	0.038	ng/ul#	49
24) Indeno(1,2,3-cd)pyrene	26.05	276	1767	0.025	ng/ul#	99
26) Benzo(g,h,i)perylene	26.77	276	1716	0.028	ng/ul#	70

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

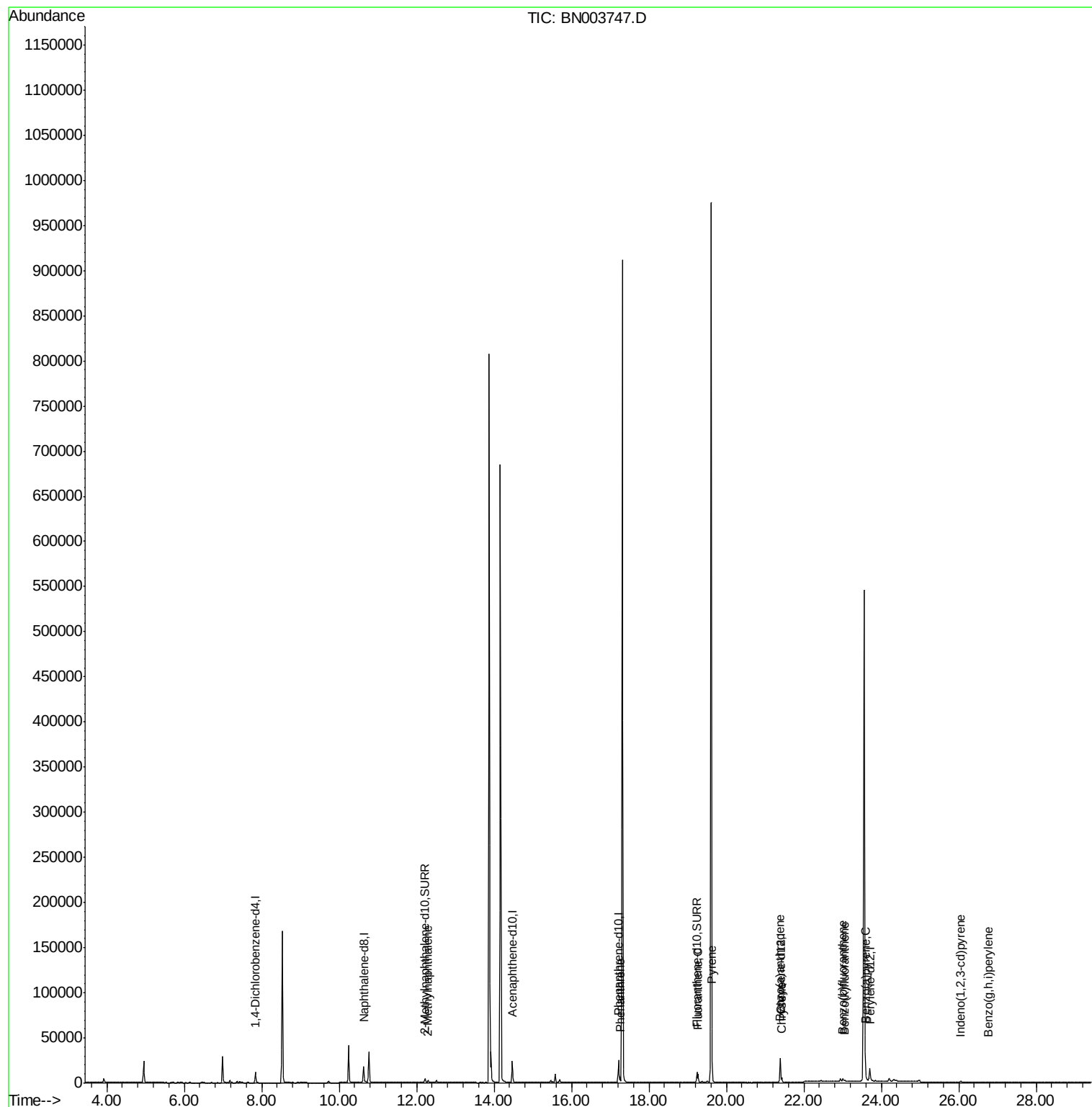
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120618\
Data File : BN003747.D
Acq On : 07 Dec 2018 01:50
Operator : JU/SJ
Sample : J6227-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

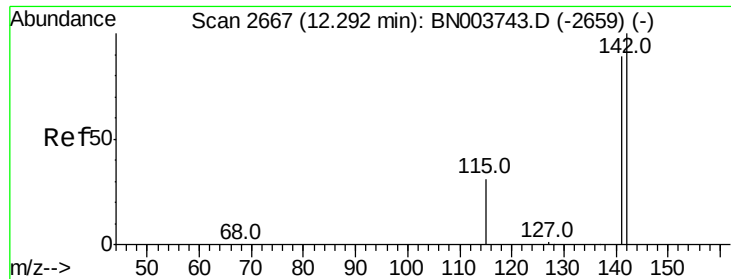
Instrument :
BNA_N
ClientSampleId :
F9E80

Quant Time: Dec 07 04:44:28 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
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#5

2-Methylnaphthalene

Concen: 0.036 ng/ul

RT: 12.29 min Scan# 2667

Delta R.T. 0.00 min

Lab File: BN003747.D

Acq: 07 Dec 2018 01:50

Instrument :

BNA_N

ClientSampleId :

F9E80

Tot Ion:142 Resp: 1691

Ion Ratio Lower Upper

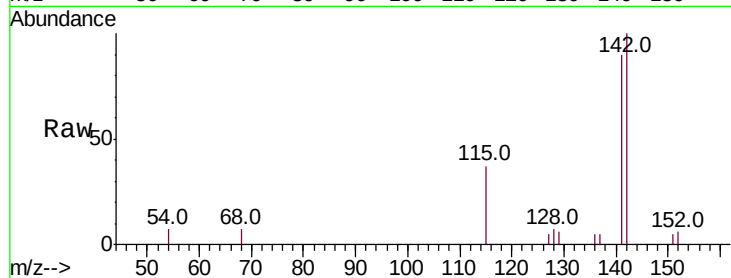
142 100

141 89.8 71.5 107.3

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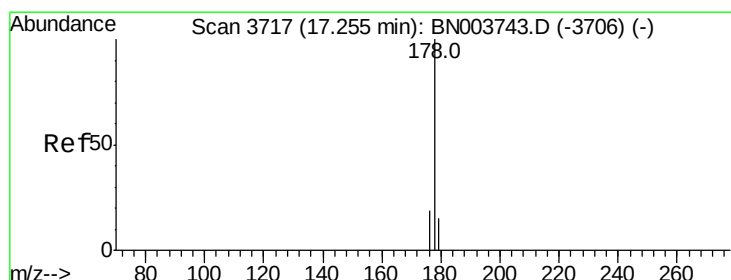
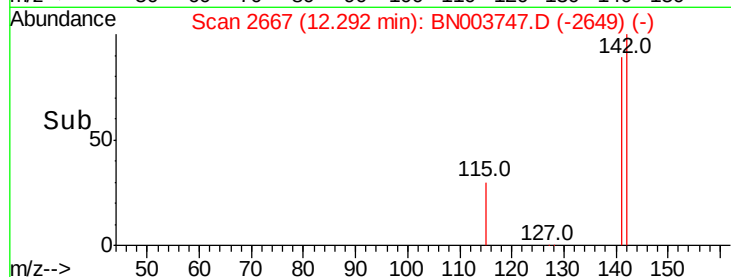
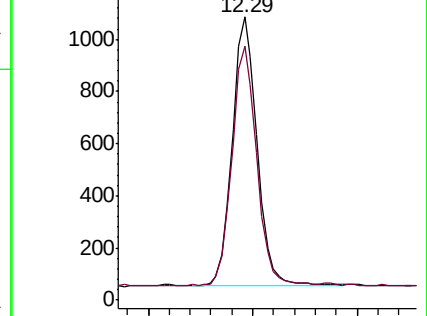
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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#12

Phenanthrene

Concen: 0.070 ng/ul

RT: 17.25 min Scan# 3717

Delta R.T. 0.00 min

Lab File: BN003747.D

Acq: 07 Dec 2018 01:50

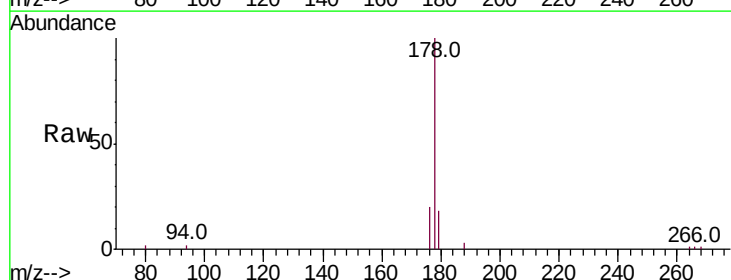
Tgt Ion:178 Resp: 6437

Ion Ratio Lower Upper

178 100

179 18.3 12.5 18.7

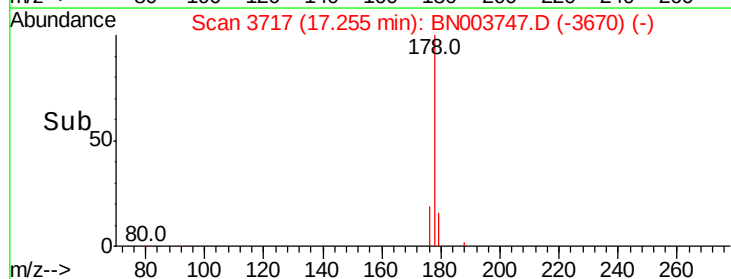
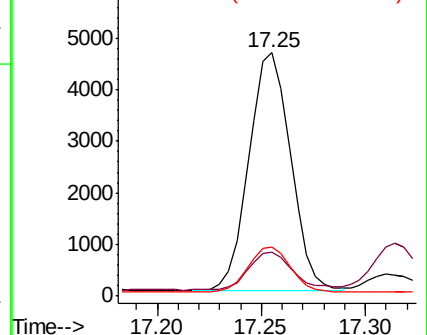
176 20.3 15.0 22.4

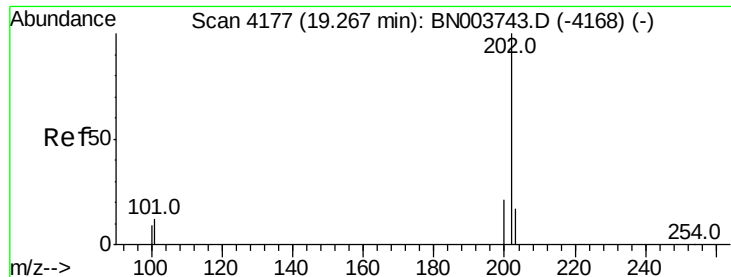


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.070 ng/ul m

RT: 19.27 min Scan# 4177

Delta R.T. 0.00 min

Lab File: BN003747.D

Acq: 07 Dec 2018 01:50

Instrument :

BNA_N

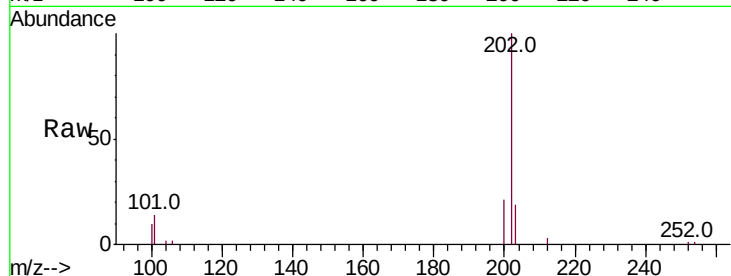
ClientSampleId :

F9E80

Tot Ion:	202	Resp:	7558
Ion Ratio	Lower	Upper	
202	100		
101	13.9	0.0	30.7
100	10.1	0.0	28.1

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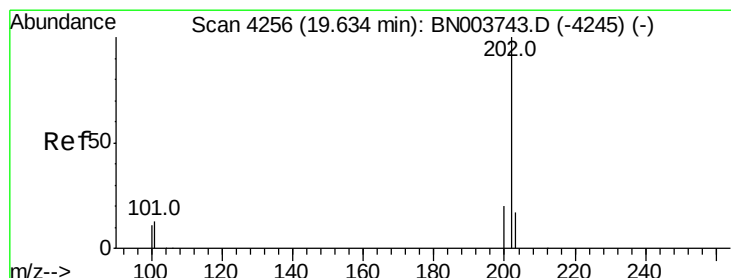
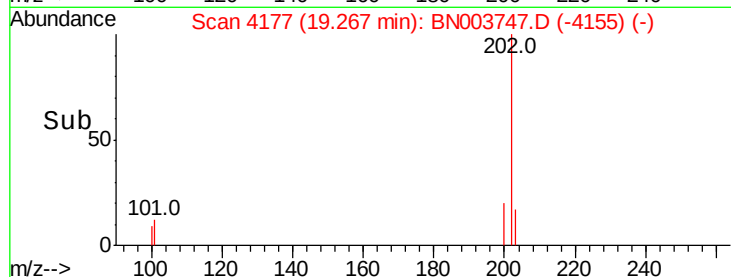
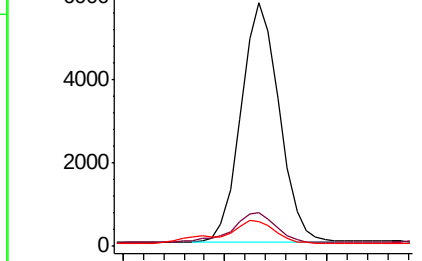
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#17

Pyrene

Concen: 0.092 ng/ul m

RT: 19.63 min Scan# 4256

Delta R.T. 0.00 min

Lab File: BN003747.D

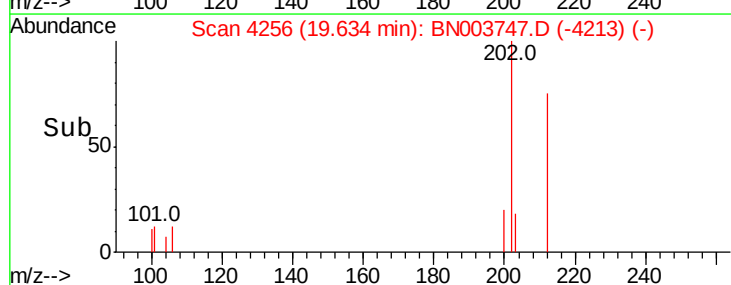
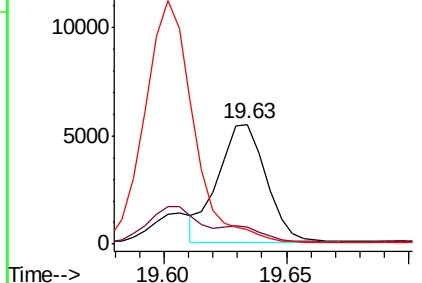
Acq: 07 Dec 2018 01:50

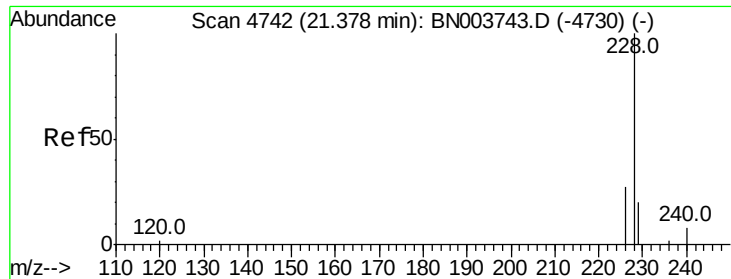
Tgt Ion:	202	Resp:	7406
Ion Ratio	Lower	Upper	
202	100		
101	14.4	10.3	15.5
100	11.9	8.5	12.7

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





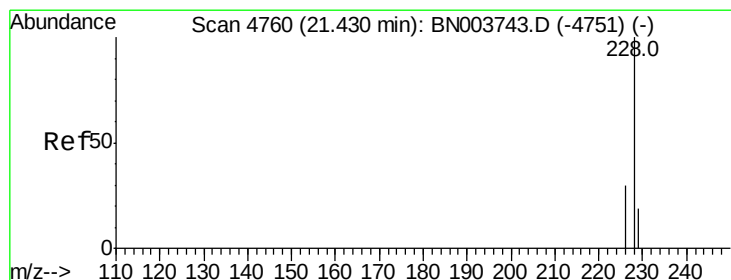
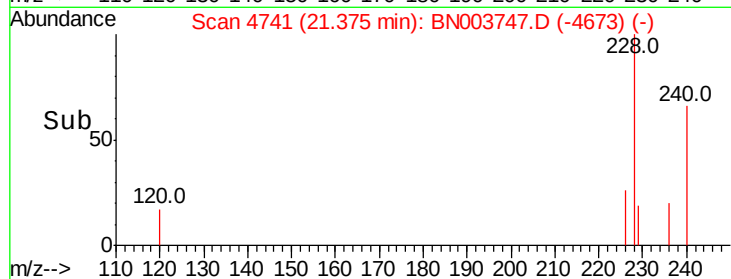
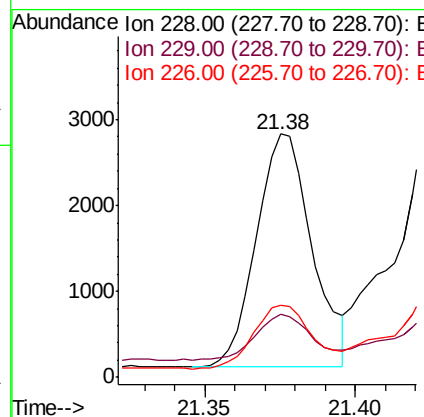
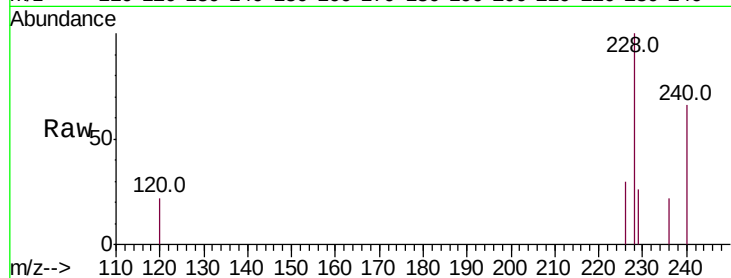
#18
Benzo(a)anthracene
Concen: 0.049 ng/ul
RT: 21.38 min Scan# 4741
Delta R.T. -0.00 min
Lab File: BN003747.D
Acq: 07 Dec 2018 01:50

Instrument :
BNA_N
ClientSampleId :
F9E80

Tot Ion	Ratio	Lower	Upper
228	100		
229	25.8	15.6	23.4#
226	29.7	21.1	31.7

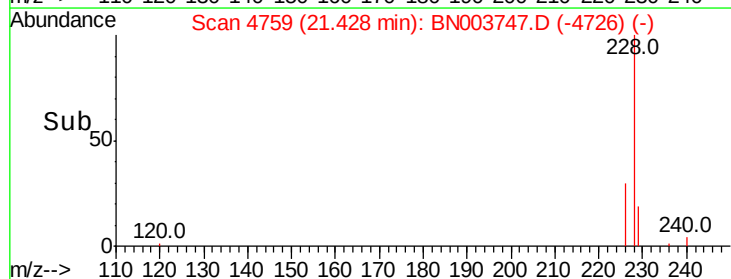
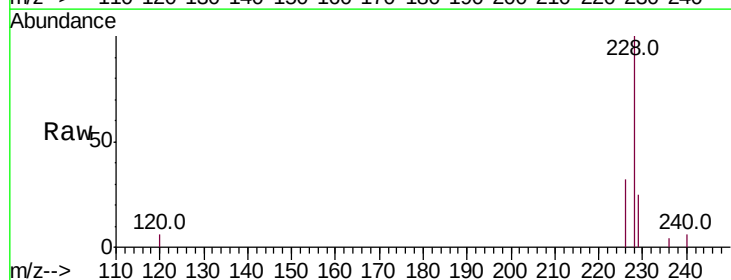
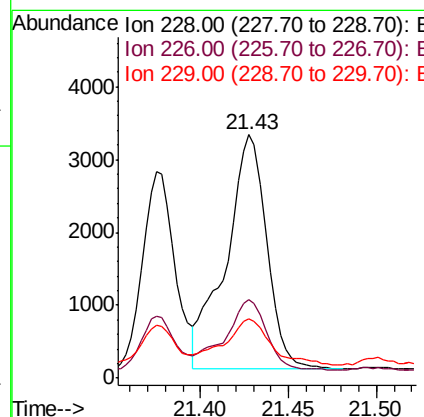
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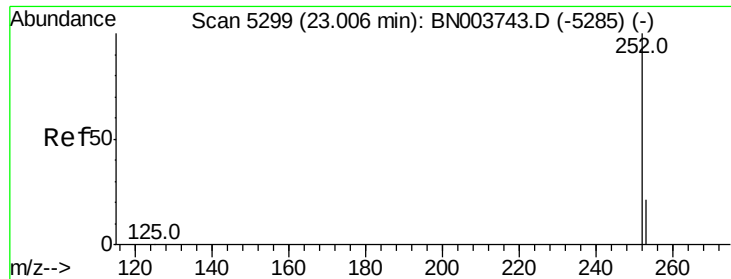
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#19
Chrysene
Concen: 0.063 ng/ul
RT: 21.43 min Scan# 4759
Delta R.T. -0.00 min
Lab File: BN003747.D
Acq: 07 Dec 2018 01:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.1	24.0	36.0
229	24.6	15.7	23.5#





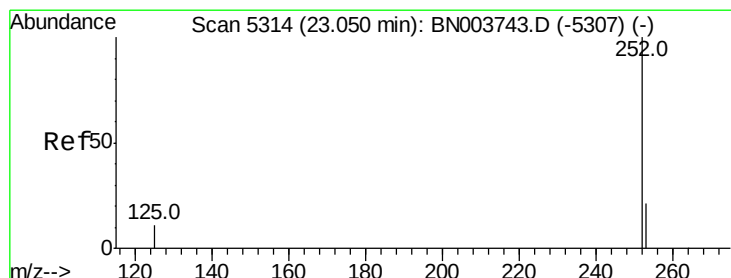
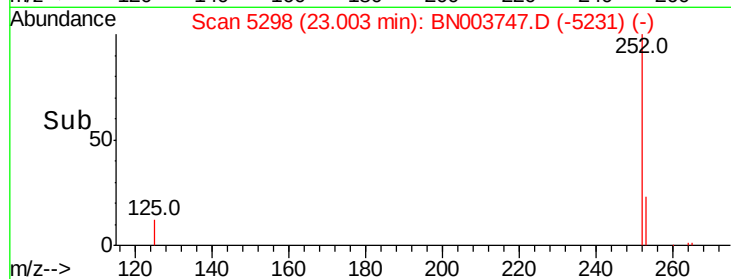
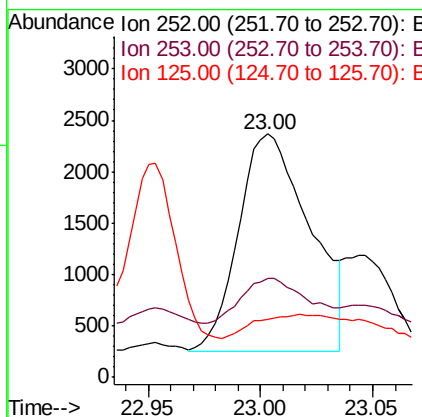
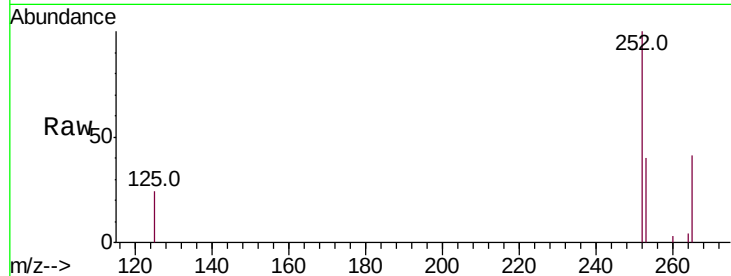
#21
Benzo(b)fluoranthene
Concen: 0.067 ng/ul m
RT: 23.00 min Scan# 5298
Delta R.T. -0.00 min
Lab File: BN003747.D
Acq: 07 Dec 2018 01:50

Instrument :
BNA_N
ClientSampleId :
F9E80

Tot Ion	Ratio	Lower	Upper
252	100		
253	40.5	0.0	46.0
125	23.8	0.0	22.4

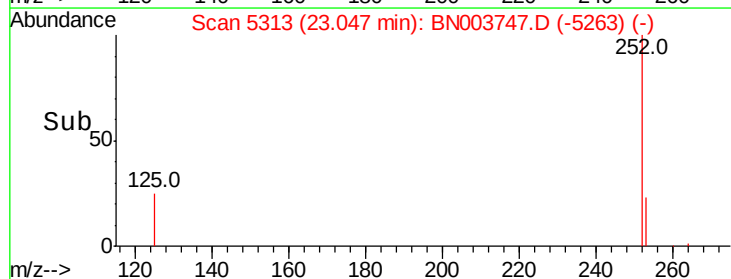
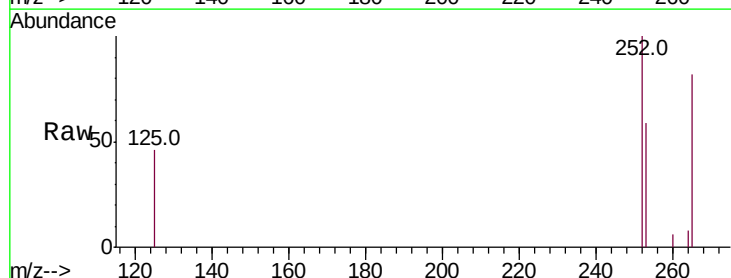
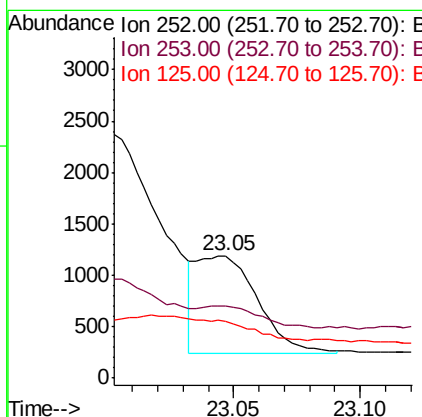
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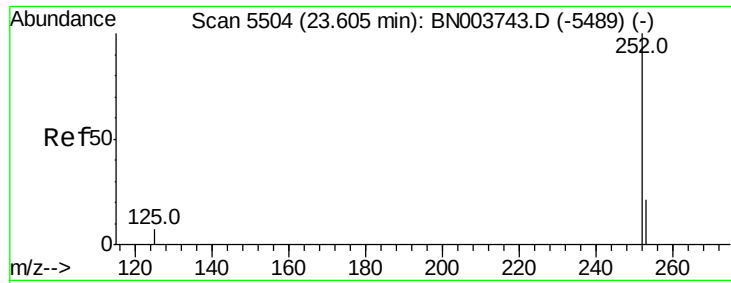
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#22
Benzo(k)fluoranthene
Concen: 0.023 ng/ul m
RT: 23.05 min Scan# 5313
Delta R.T. -0.00 min
Lab File: BN003747.D
Acq: 07 Dec 2018 01:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	59.1	18.5	27.7
125	46.4	9.0	13.6





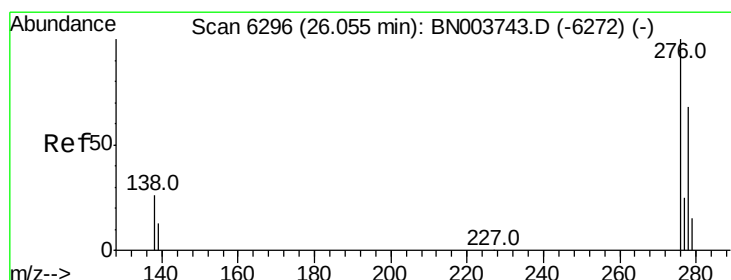
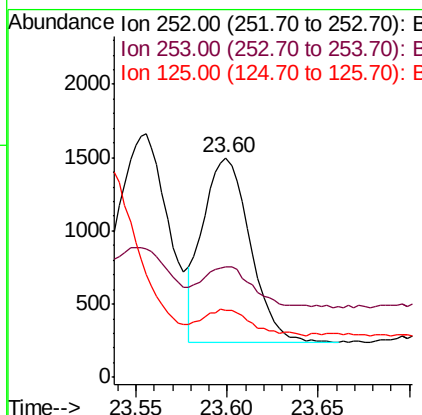
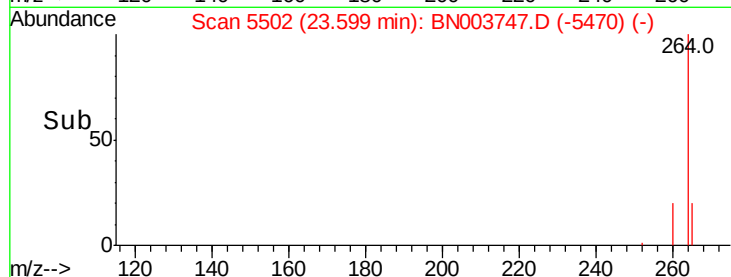
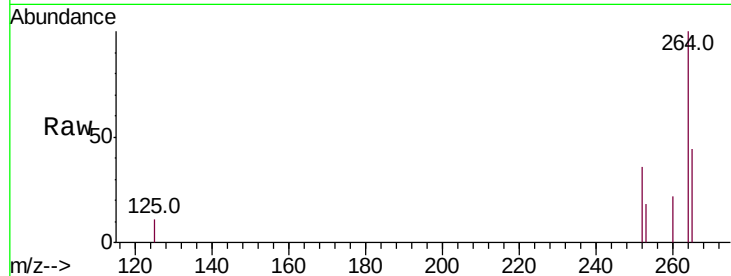
#23
Benzo(a)pyrene
Concen: 0.038 ng/ul
RT: 23.60 min Scan# 5502
Delta R.T. -0.01 min
Lab File: BN003747.D
Acq: 07 Dec 2018 01:50

Instrument :
BNA_N
ClientSampleId :
F9E80

Tot Ion	Ratio	Lower	Upper
252	100		
253	50.4	19.0	28.4#
125	30.4	10.2	15.4#

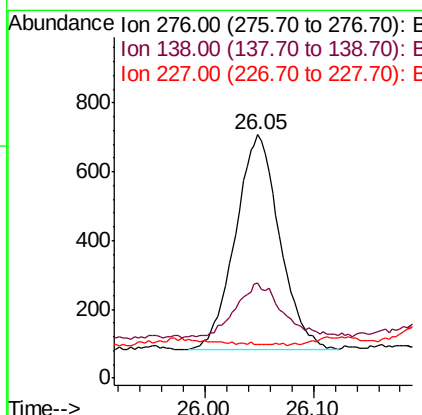
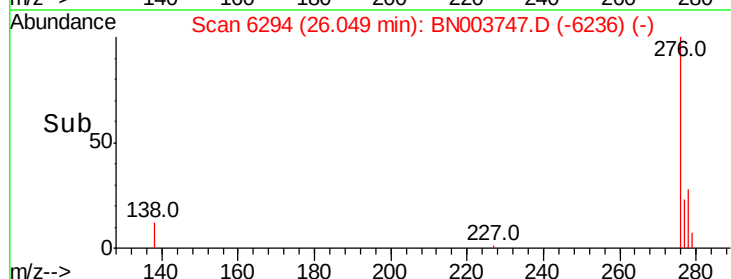
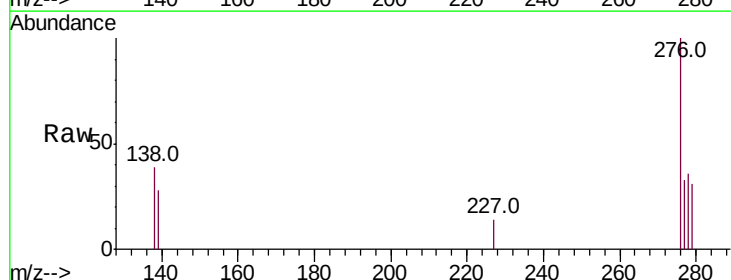
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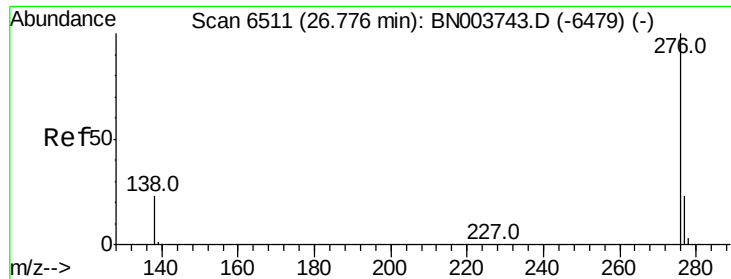
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#24
Indeno(1,2,3-cd)pyrene
Concen: 0.025 ng/ul
RT: 26.05 min Scan# 6294
Delta R.T. -0.01 min
Lab File: BN003747.D
Acq: 07 Dec 2018 01:50

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.0	20.3	30.5
227	0.0	0.2	0.2#





#26
 Benzo(a,h,i)perylene
 Concen: 0.028 ng/ul
 RT: 26.77 min Scan# 6510
 Delta R.T. -0.00 min
 Lab File: BN003747.D
 Acq: 07 Dec 2018 01:50

Instrument :
 BNA_N
 ClientSampleId :
 F9E80

Tot Ion	Ratio	Lower	Upper
276	100		
138	40.1	17.7	26.5#
277	35.2	19.3	28.9#

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