

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121118\
 Data File : BN003828.D
 Acq On : 11 Dec 2018 23:04
 Operator : JU/SJ
 Sample : J6170-18DL 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9M13DL

Manual Integrations
 APPROVED

Sohil
 12/12/2018 5:50:36 PM

Quant Time: Dec 12 03:43:45 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 : Wed Dec 12 02:52:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	4944	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	19142	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	9129	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	17379	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	12071	0.40	ng/ul	0.00
20) Perylene-d12	23.71	264	13089	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	1052	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	1648	0.03	ng/ul	0.00
Target Compounds						
15) Fluoranthene	19.27	202	1949	0.029	ng/ul#	44
17) Pyrene	19.63	202	1665m	0.038	ng/ul	
18) Benzo(a)anthracene	21.38	228	821	0.022	ng/ul#	81
19) Chrysene	21.43	228	1243	0.028	ng/ul#	86
21) Benzo(b)fluoranthene	23.01	252	1749m	0.032	ng/ul	
23) Benzo(a)pyrene	23.61	252	1028	0.022	ng/ul#	18

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

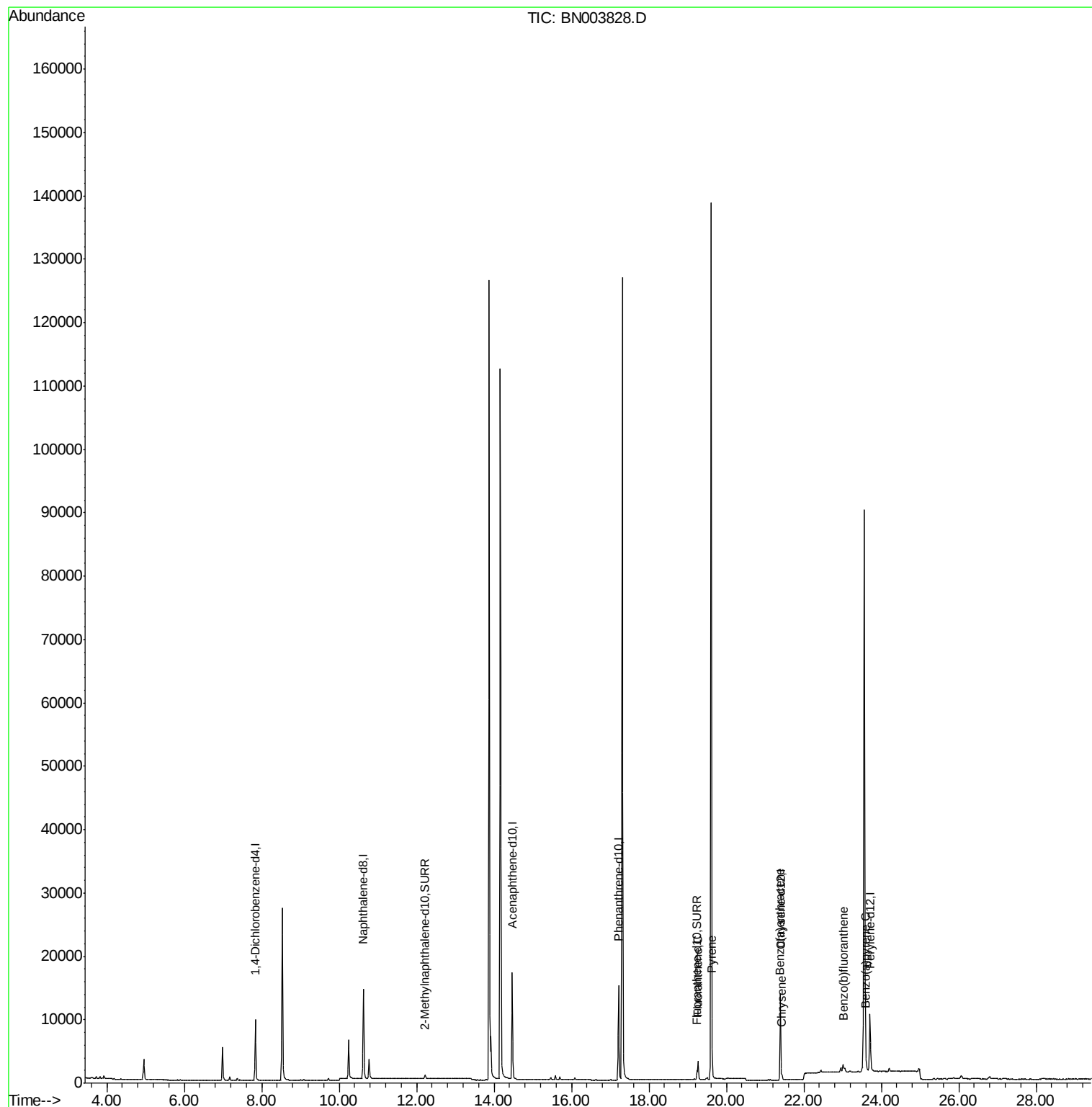
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121118\
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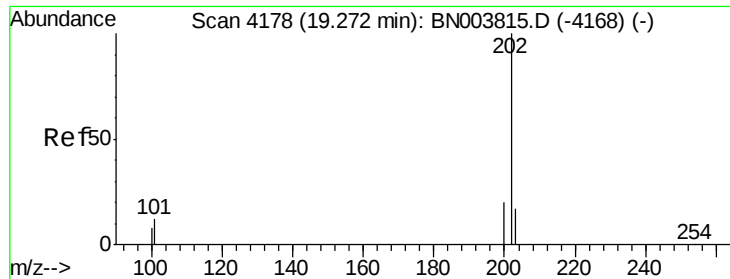
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#15

Fluoranthene

Concen: 0.029 ng/ul

RT: 19.27 min Scan# 4177

Delta R.T. -0.00 min

Lab File: BN003828.D

Acq: 11 Dec 2018 23:04

Instrument :

BNA_N

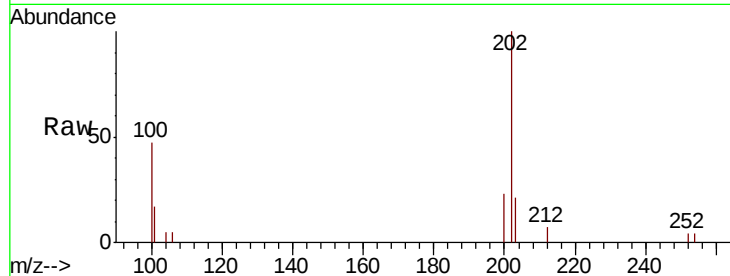
ClientSampleId :

F9M13DL

Tot Ion:	202	Resp:	1949
Ion Ratio	Lower	Upper	
202	100		
101	16.8	0.0	30.7
100	46.6	0.0	28.1#

Manual Integrations
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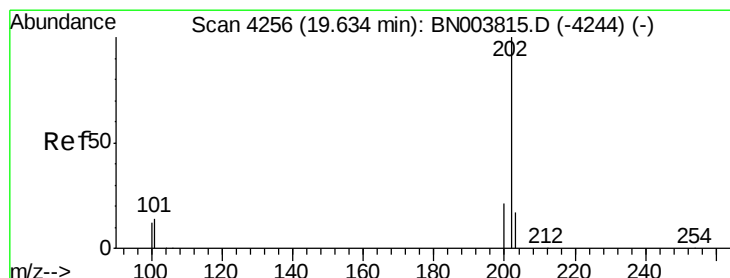
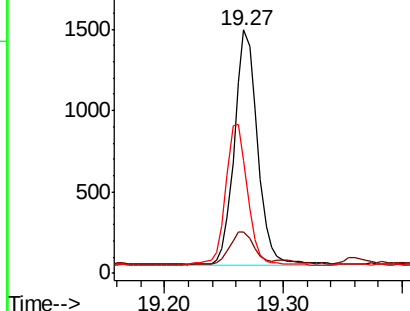
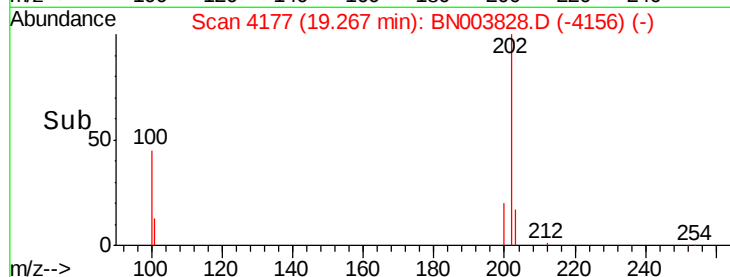
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#17

Pyrene

Concen: 0.038 ng/ul m

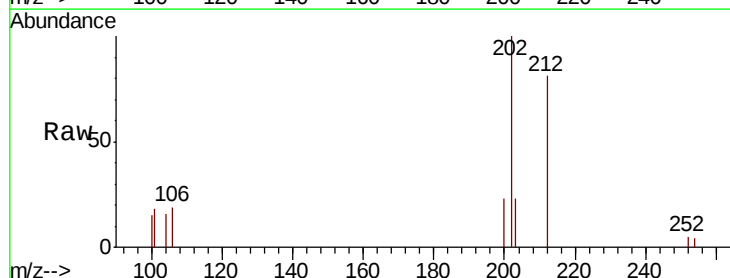
RT: 19.63 min Scan# 4256

Delta R.T. -0.00 min

Lab File: BN003828.D

Acq: 11 Dec 2018 23:04

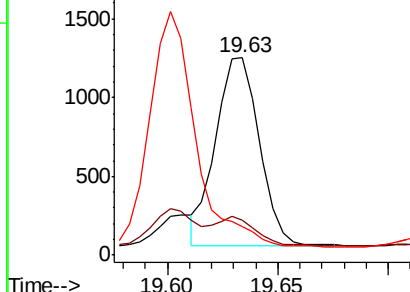
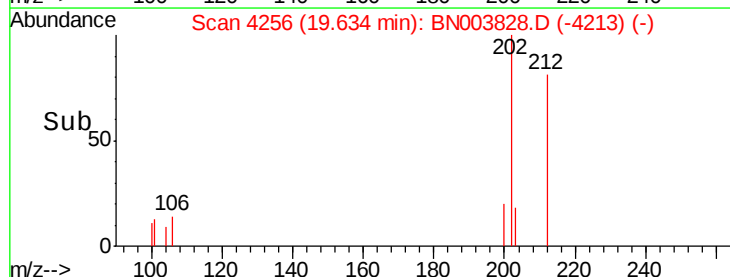
Tgt Ion:	202	Resp:	1665
Ion Ratio	Lower	Upper	
202	100		
101	17.7	10.3	15.5#
100	14.6	8.5	12.7#

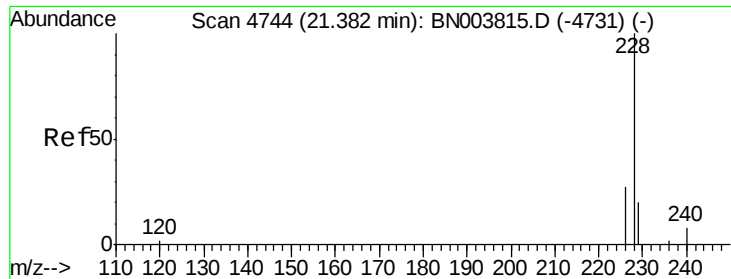


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





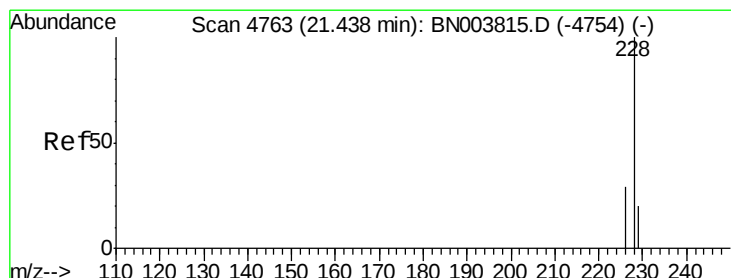
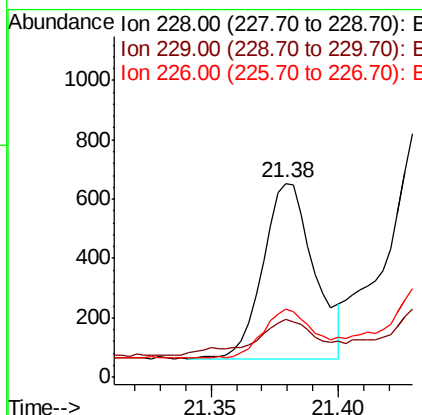
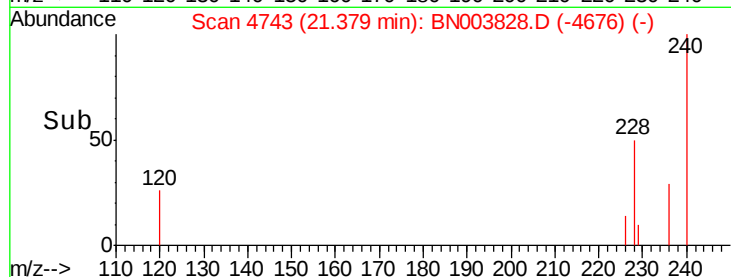
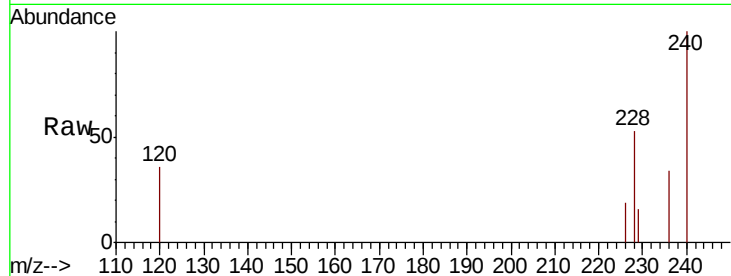
#18
Benzo(a)anthracene
Concen: 0.022 ng/ul
RT: 21.38 min Scan# 4743
Delta R.T. -0.00 min
Lab File: BN003828.D
Acq: 11 Dec 2018 23:04

Instrument :
BNA_N
ClientSampled :
F9M13DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	29.7	15.6	23.4#
226	35.0	21.1	31.7#

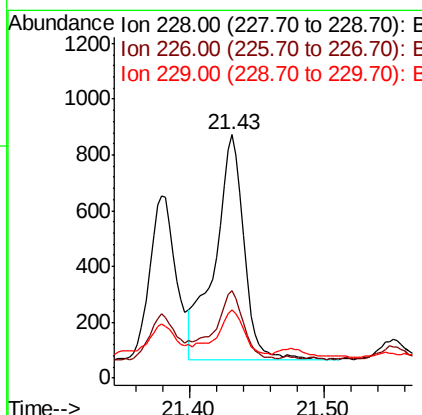
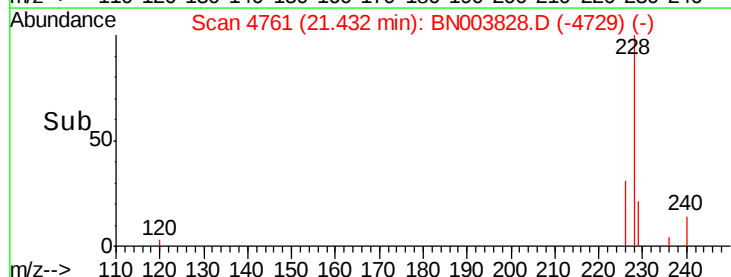
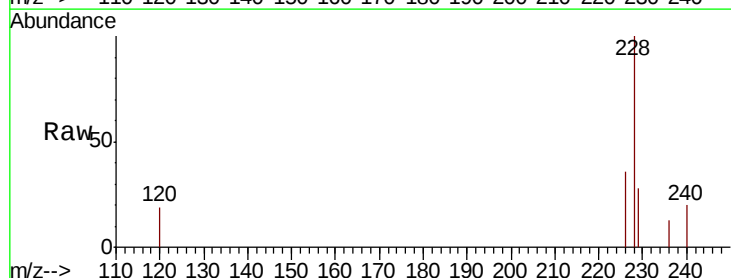
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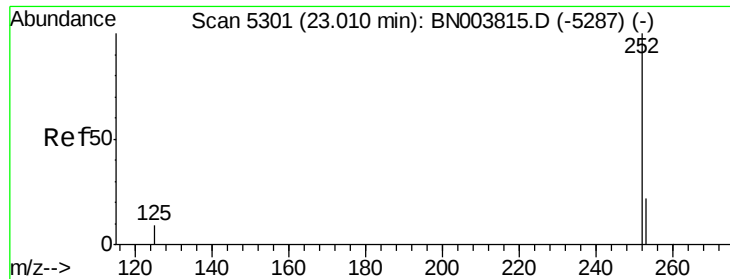
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#19
Chrysene
Concen: 0.028 ng/ul
RT: 21.43 min Scan# 4761
Delta R.T. -0.01 min
Lab File: BN003828.D
Acq: 11 Dec 2018 23:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	35.9	24.0	36.0
229	27.8	15.7	23.5#





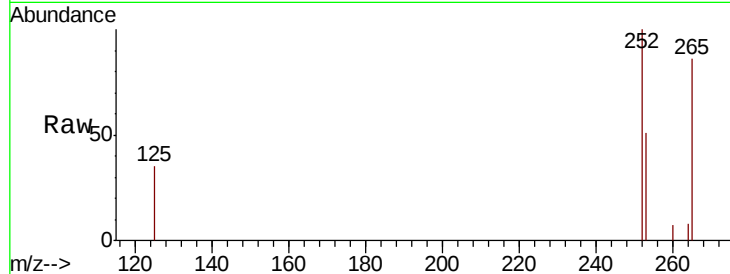
#21
Benzo(b)fluoranthene
Concen: 0.032 ng/ul m
RT: 23.01 min Scan# 5301
Delta R.T. -0.00 min
Lab File: BN003828.D
Acq: 11 Dec 2018 23:04

Instrument :
BNA_N
ClientSampled :
F9M13DL

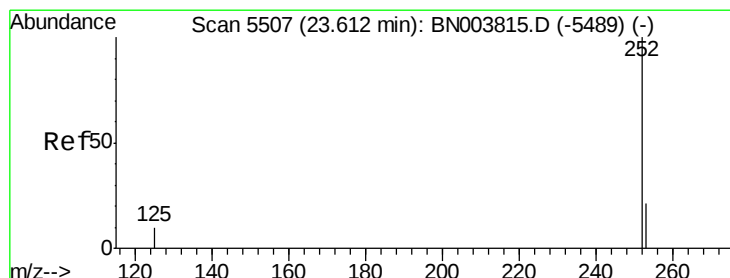
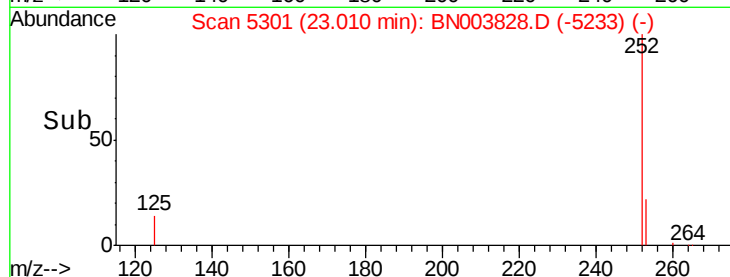
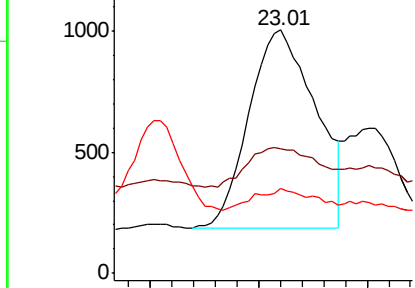
Tot Ion	Ratio	Lower	Upper
252	100		
253	51.2	0.0	46.0#
125	34.7	0.0	22.4#

Manual Integrations
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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: 0.022 ng/ul
RT: 23.61 min Scan# 5505
Delta R.T. -0.01 min
Lab File: BN003828.D
Acq: 11 Dec 2018 23:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	64.3	19.0	28.4#
125	44.7	10.2	15.4#

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

