

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121618\
 Data File : BN004008.D
 Acq On : 16 Dec 2018 22:53
 Operator : JU/SJ
 Sample : J6228-07
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9E86

Manual Integrations
 APPROVED

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Quant Time: Dec 17 06:45:07 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 : Mon Dec 17 06:22:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1811	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	9234	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	5645	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	14290m	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	16328m	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	14151m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	2513	0.18	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	8033m	0.19	ng/ul	0.00
Target Compounds				Ovalue		
12) Phenanthrene	17.26	178	3409	0.073	ng/ul	95
15) Fluoranthene	19.28	202	4199m	0.076	ng/ul	
17) Pyrene	19.64	202	5507	0.094	ng/ul#	91
18) Benzo(a)anthracene	21.38	228	3304m	0.064	ng/ul	
19) Chrysene	21.44	228	4624m	0.078	ng/ul	
21) Benzo(b)fluoranthene	23.02	252	3604m	0.062	ng/ul	
22) Benzo(k)fluoranthene	23.06	252	1457m	0.026	ng/ul	
23) Benzo(a)pyrene	23.62	252	2580m	0.051	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.08	276	1870m	0.032	ng/ul	
26) Benzo(g,h,i)perylene	26.82	276	2255m	0.045	ng/ul	

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

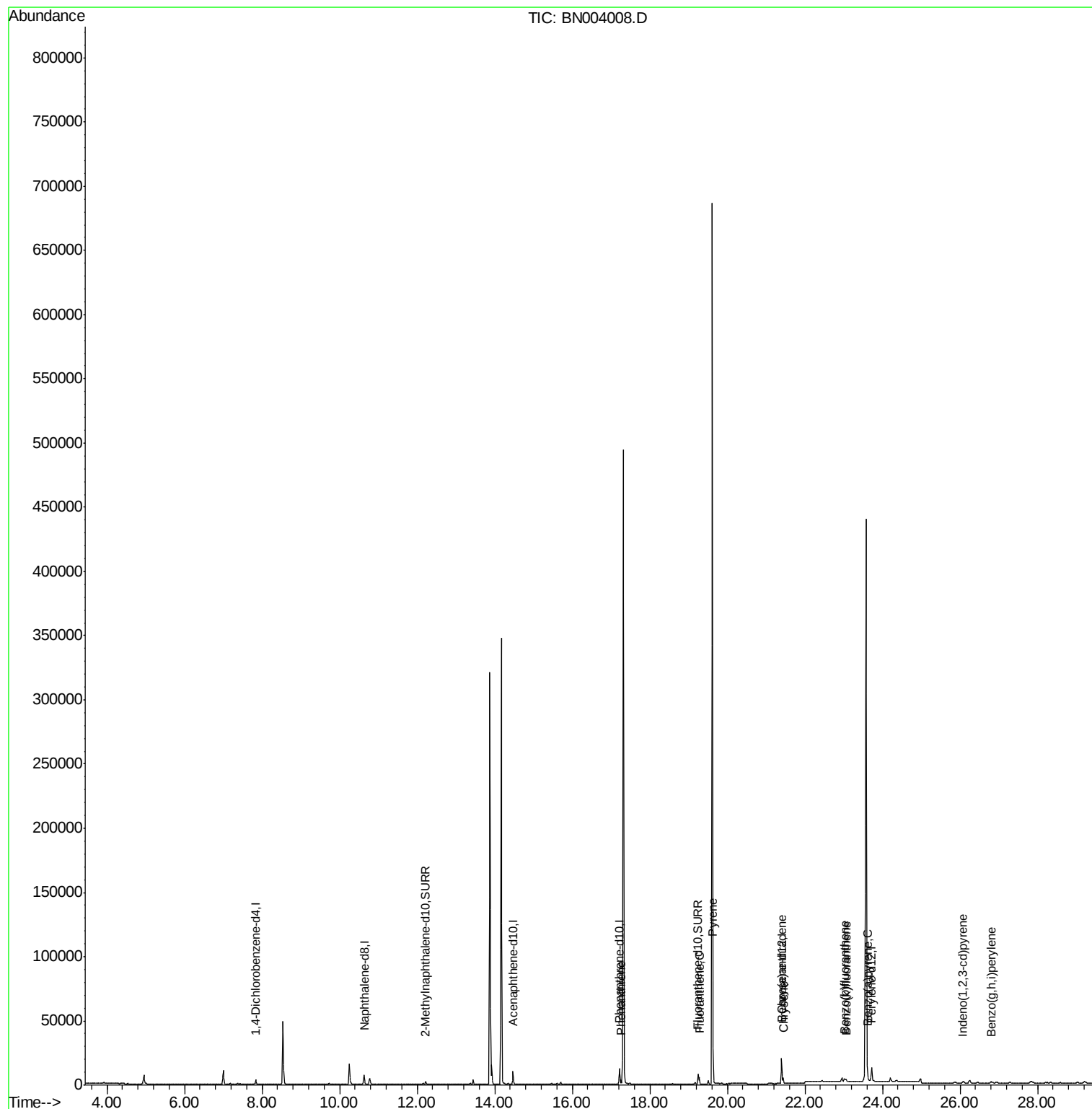
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121618\
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ALS Vial : 21 Sample Multiplier: 1

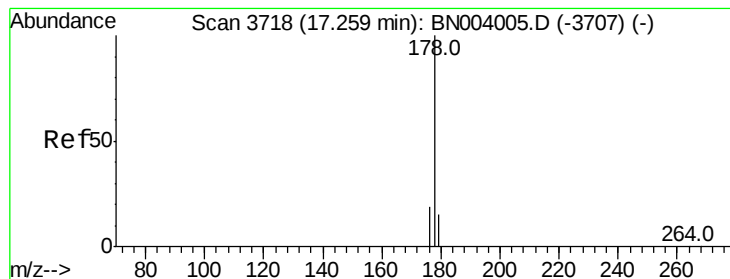
Instrument :
BNA_N
ClientSampleId :
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#12

Phenanthrene

Concen: 0.073 ng/ul

RT: 17.26 min Scan# 3718

Delta R.T. -0.00 min

Lab File: BN004008.D

Acq: 16 Dec 2018 22:53

Instrument :

BNA_N

ClientSampleId :

F9E86

Tot Ion:178 Resp: 3409

Ion Ratio Lower Upper

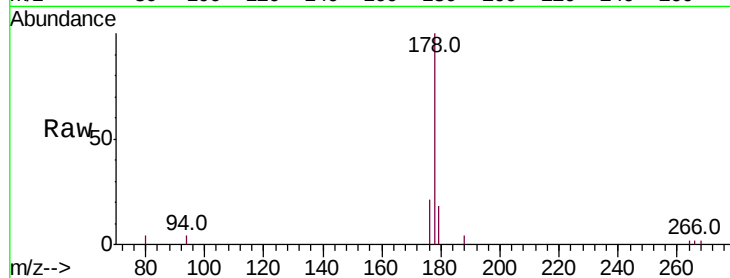
178 100

179 17.8 12.5 18.7

176 20.7 15.0 22.4

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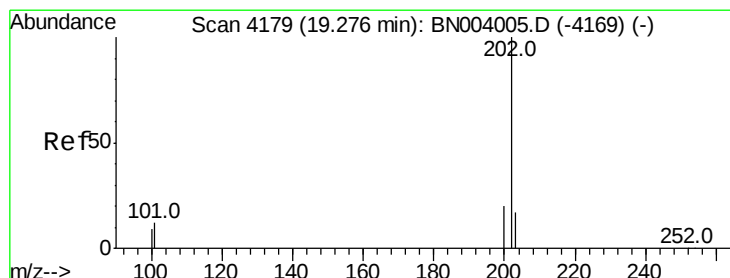
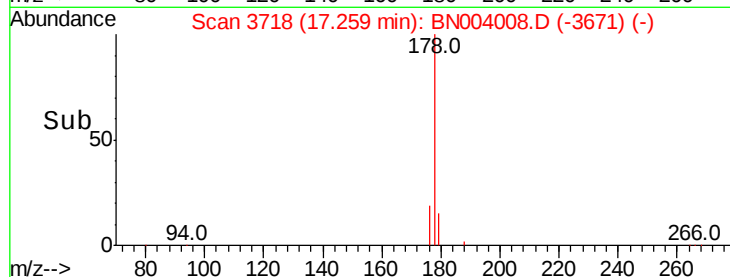
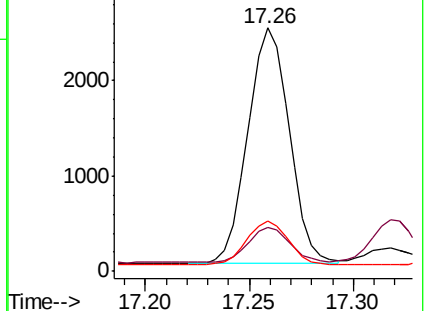
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#15

Fluoranthene

Concen: 0.076 ng/ul m

RT: 19.28 min Scan# 4179

Delta R.T. -0.00 min

Lab File: BN004008.D

Acq: 16 Dec 2018 22:53

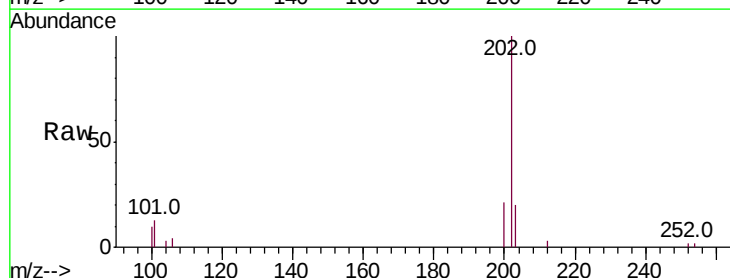
Tgt Ion:202 Resp: 4199

Ion Ratio Lower Upper

202 100

101 13.4 0.0 30.7

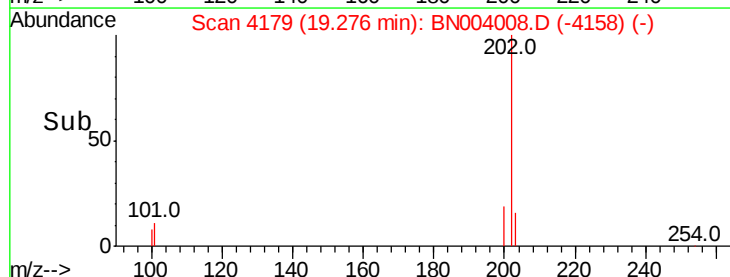
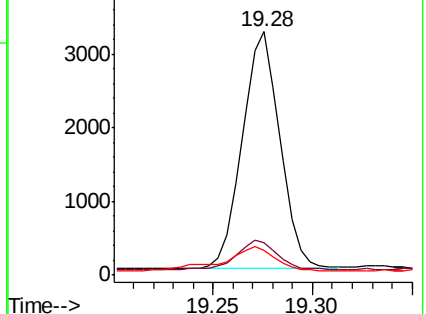
100 10.3 0.0 28.1

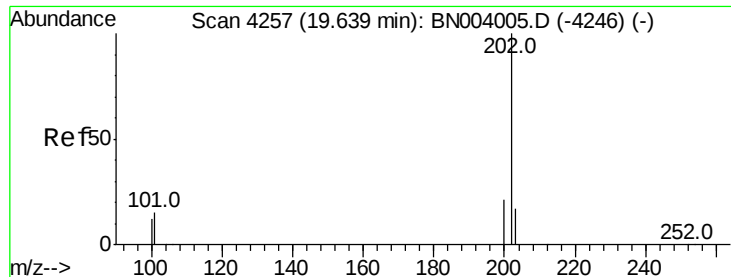


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#17

Pvrene

Concen: 0.094 ng/ul

RT: 19.64 min Scan# 4257

Delta R.T. -0.00 min

Lab File: BN004008.D

Acq: 16 Dec 2018 22:53

Instrument :

BNA_N

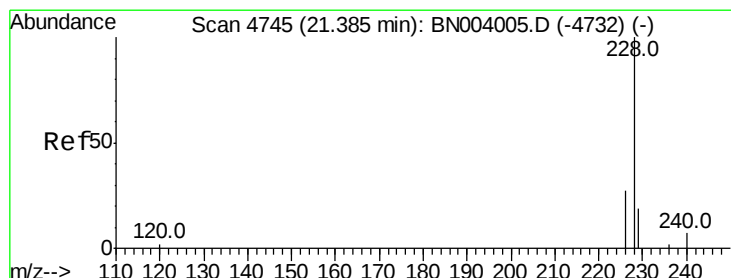
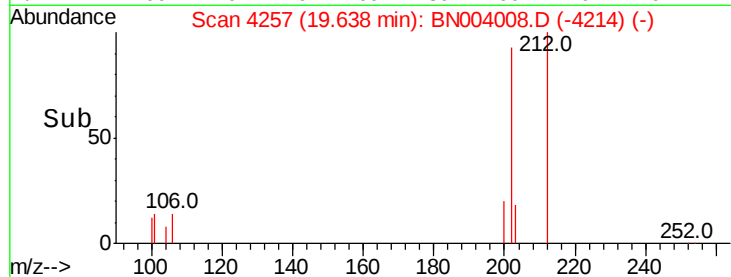
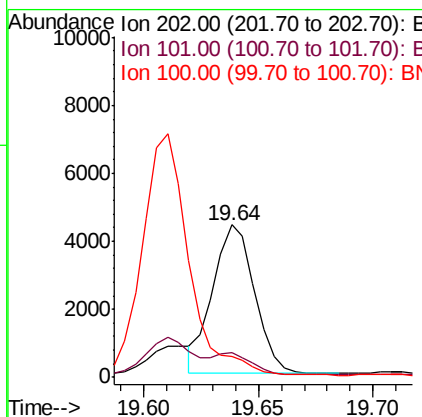
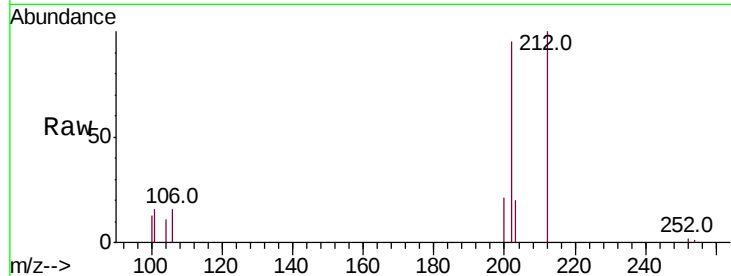
ClientSampled :

F9E86

Tot Ion:	202	Resp:	5507
Ion Ratio	Lower	Upper	
202	100		
101	16.5	10.3	15.5#
100	13.9	8.5	12.7#

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#18

Benzo(a)anthracene

Concen: 0.064 ng/ul m

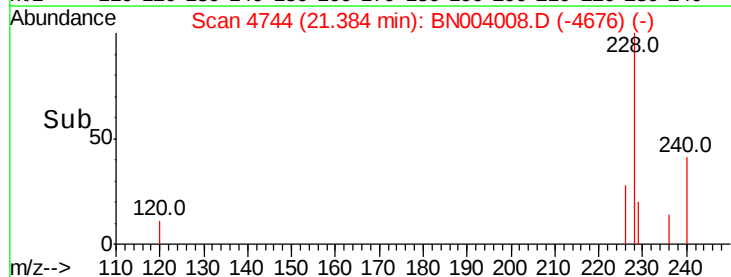
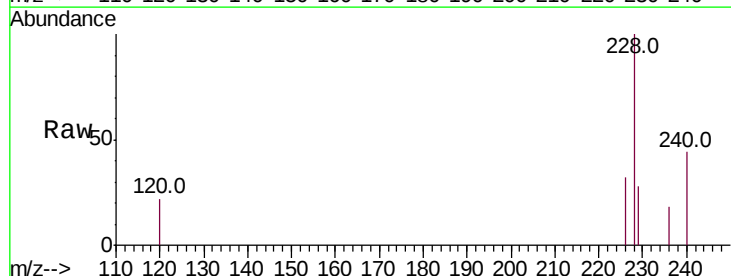
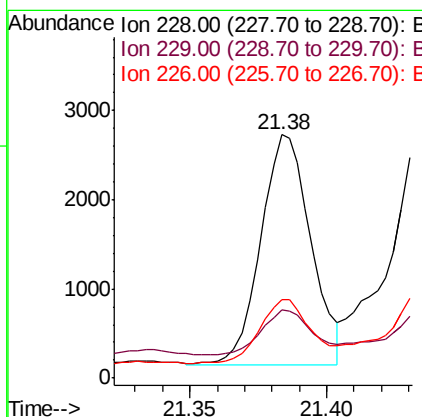
RT: 21.38 min Scan# 4744

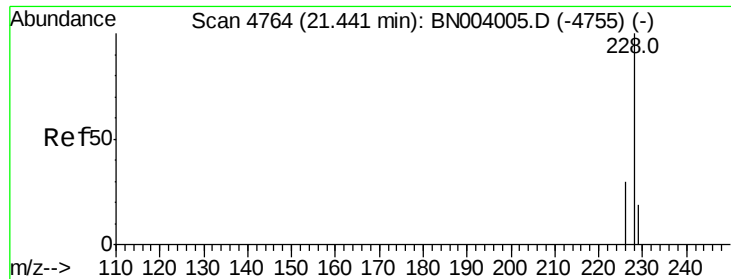
Delta R.T. -0.00 min

Lab File: BN004008.D

Acq: 16 Dec 2018 22:53

Tgt Ion:	228	Resp:	3304
Ion Ratio	Lower	Upper	
228	100		
229	28.0	15.6	23.4#
226	32.2	21.1	31.7#





#19

Chrysene

Concen: 0.078 ng/ul m

RT: 21.44 min Scan# 4763

Delta R.T. -0.00 min

Lab File: BN004008.D

Acq: 16 Dec 2018 22:53

Instrument :

BNA_N

ClientSampleId :

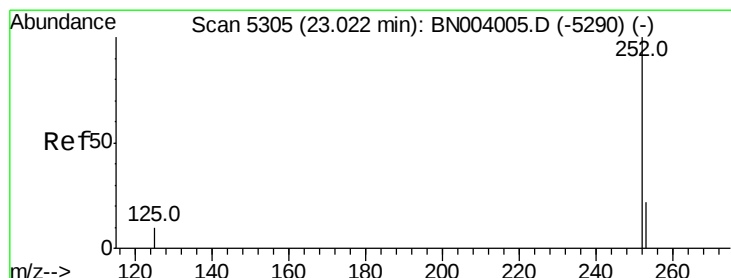
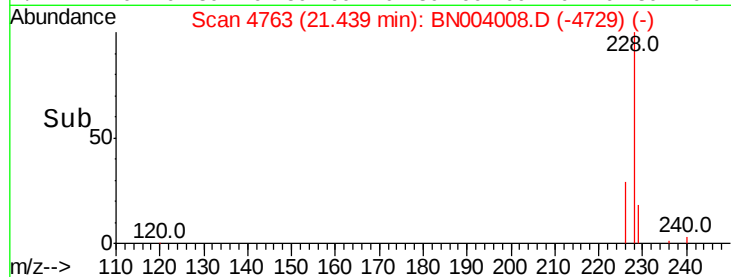
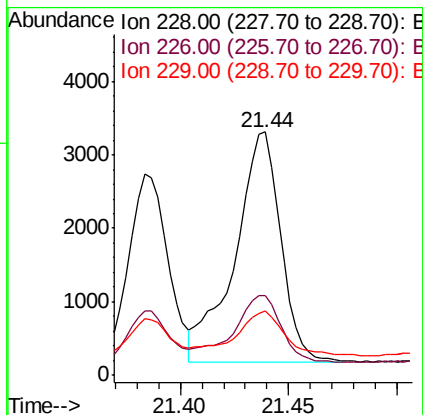
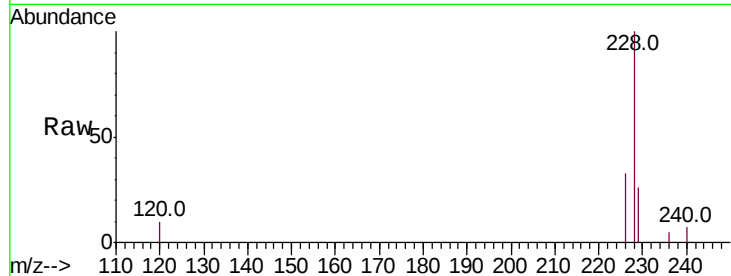
F9E86

Tot Ion:228 Resp: 4624

Ion	Ratio	Lower	Upper
228	100		
226	32.7	24.0	36.0
229	26.4	15.7	23.5#

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#21

Benzo(b)fluoranthene

Concen: 0.062 ng/ul m

RT: 23.02 min Scan# 5303

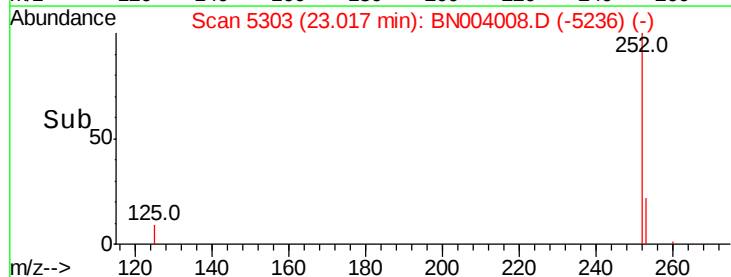
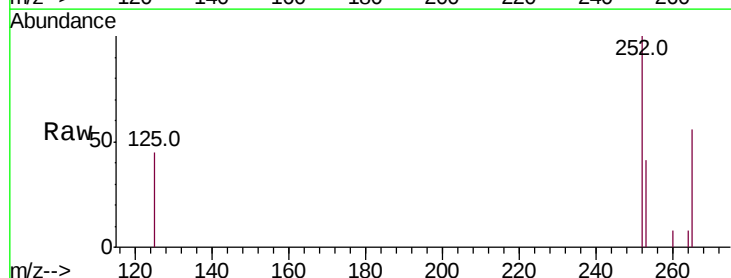
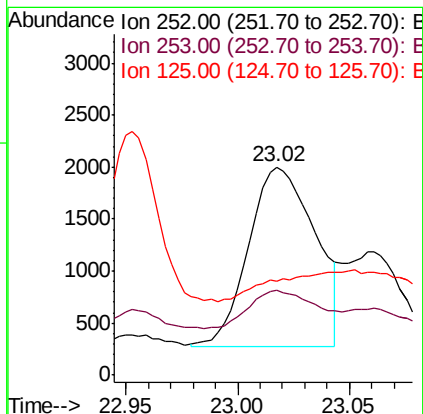
Delta R.T. -0.00 min

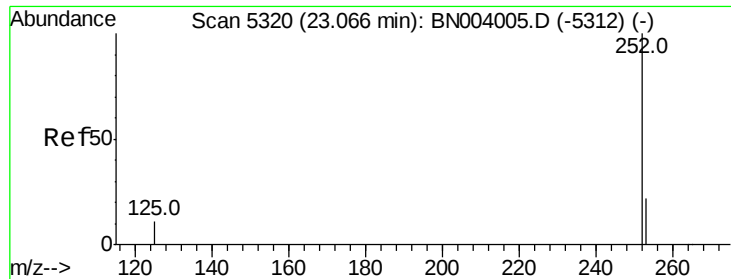
Lab File: BN004008.D

Acq: 16 Dec 2018 22:53

Tgt Ion:252 Resp: 3604

Ion	Ratio	Lower	Upper
252	100		
253	40.7	0.0	46.0
125	45.3	0.0	22.4#





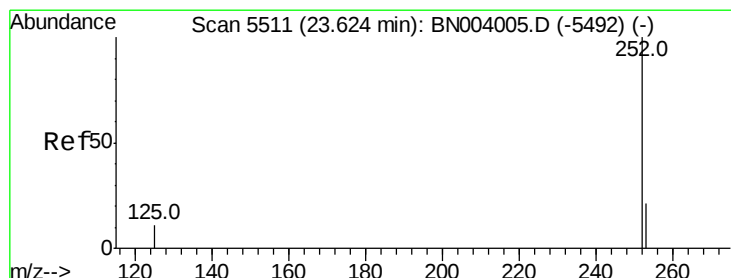
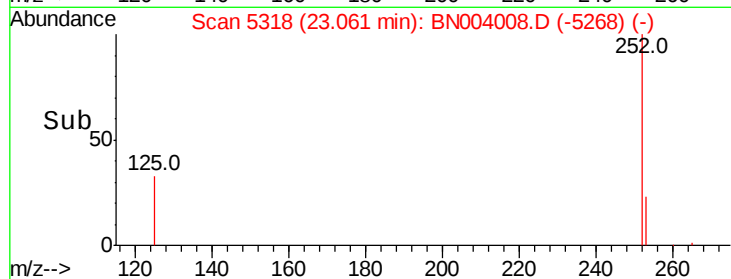
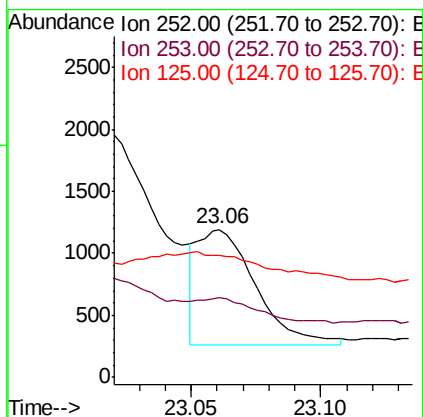
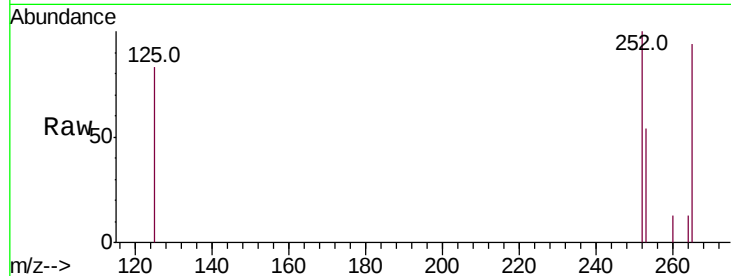
#22
Benzo(k)fluoranthene
Concen: 0.026 ng/ul m
RT: 23.06 min Scan# 5318
Delta R.T. -0.00 min
Lab File: BN004008.D
Acq: 16 Dec 2018 22:53

Instrument :
BNA_N
ClientSampleId :
F9E86

Tot Ion:252 Resp: 1457
Ion Ratio Lower Upper
252 100
253 53.7 18.5 27.7#
125 82.9 9.0 13.6#

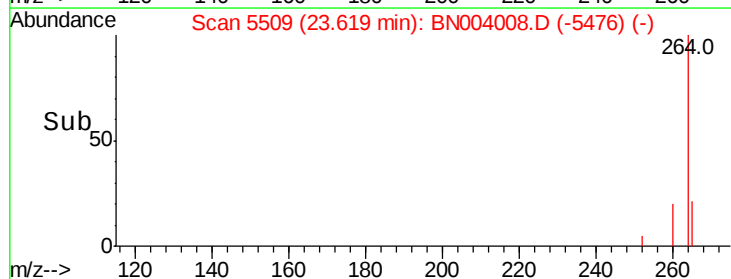
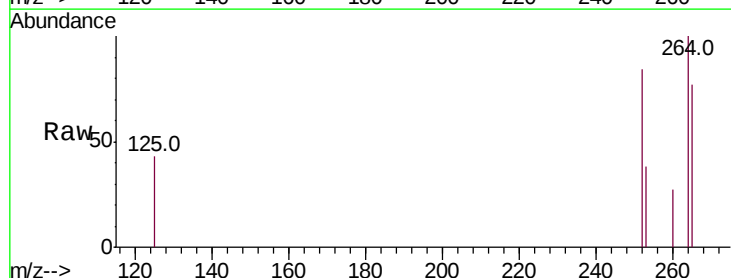
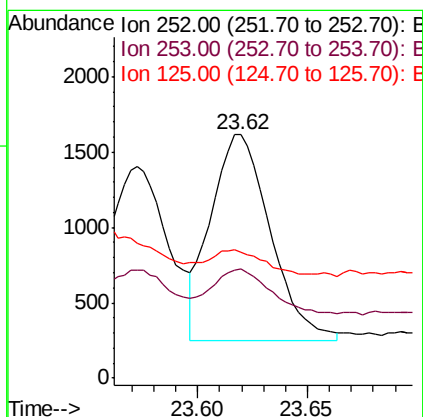
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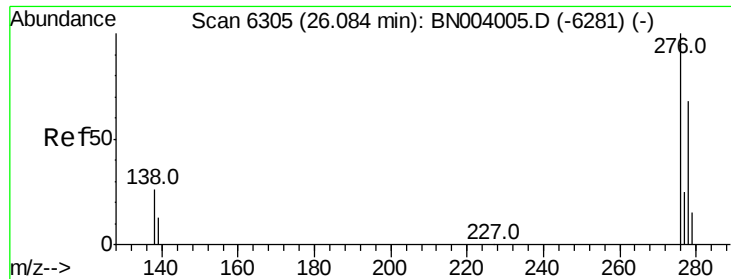
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#23
Benzo(a)pyrene
Concen: 0.051 ng/ul m
RT: 23.62 min Scan# 5509
Delta R.T. -0.00 min
Lab File: BN004008.D
Acq: 16 Dec 2018 22:53

Tgt Ion:252 Resp: 2580
Ion Ratio Lower Upper
252 100
253 45.0 19.0 28.4#
125 51.7 10.2 15.4#





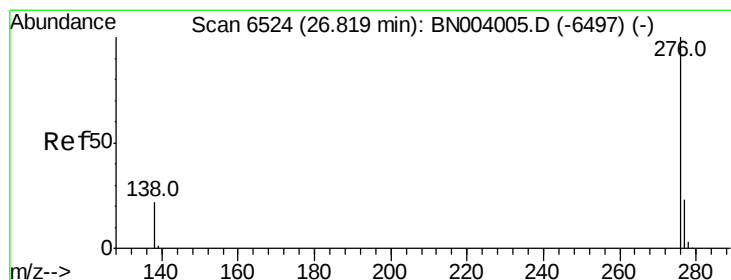
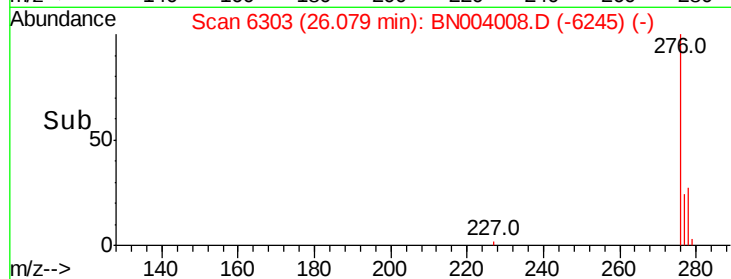
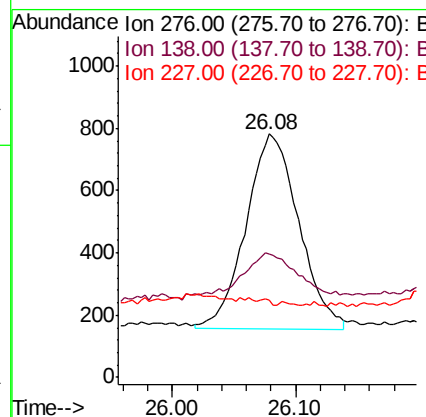
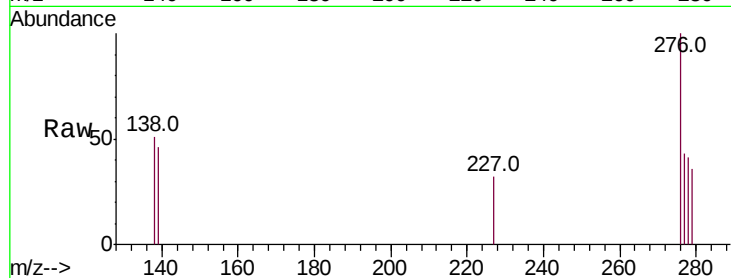
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.032 ng/ul m
 RT: 26.08 min Scan# 6303
 Delta R.T. -0.01 min
 Lab File: BN004008.D
 Acq: 16 Dec 2018 22:53

Instrument :
 BNA_N
 ClientSampleId :
 F9E86

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

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#26
 Benzo(g,h,i)perylene
 Concen: 0.045 ng/ul m
 RT: 26.82 min Scan# 6523
 Delta R.T. -0.00 min
 Lab File: BN004008.D
 Acq: 16 Dec 2018 22:53

Tgt Ion	Ratio	Lower	Upper
276	100		
138	47.7	17.7	26.5#
277	39.8	19.3	28.9#

