

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121718\
 Data File : BN004057.D
 Acq On : 18 Dec 2018 03:49
 Operator : JU/SJ
 Sample : J6270-05
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9E04

Manual Integrations
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Quant Time: Dec 18 07:25:18 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 : Tue Dec 18 06:35:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1642	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	8168	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	5037	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	13059m	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	14687m	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	12855m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	3266	0.26	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	10910m	0.29	ng/ul	0.00
Target Compounds				Qvalue		
7) Acenaphthylene	14.19	152	1712	0.075	ng/ul#	89
12) Phenanthrene	17.26	178	2525m	0.059	ng/ul	
13) Anthracene	17.35	178	1769m	0.050	ng/ul	
15) Fluoranthene	19.28	202	8716m	0.172	ng/ul	
17) Pyrene	19.64	202	9590m	0.182	ng/ul	
18) Benzo(a)anthracene	21.38	228	6630m	0.143	ng/ul	
19) Chrysene	21.44	228	8426m	0.159	ng/ul	
21) Benzo(b)fluoranthene	23.02	252	12691m	0.239	ng/ul	
22) Benzo(k)fluoranthene	23.06	252	3823m	0.074	ng/ul	
23) Benzo(a)pyrene	23.62	252	6010m	0.131	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.09	276	5014m	0.095	ng/ul	
25) Dibenzo(a,h)anthracene	26.09	278	1458m	0.034	ng/ul	
26) Benzo(g,h,i)perylene	26.82	276	3899m	0.085	ng/ul	

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

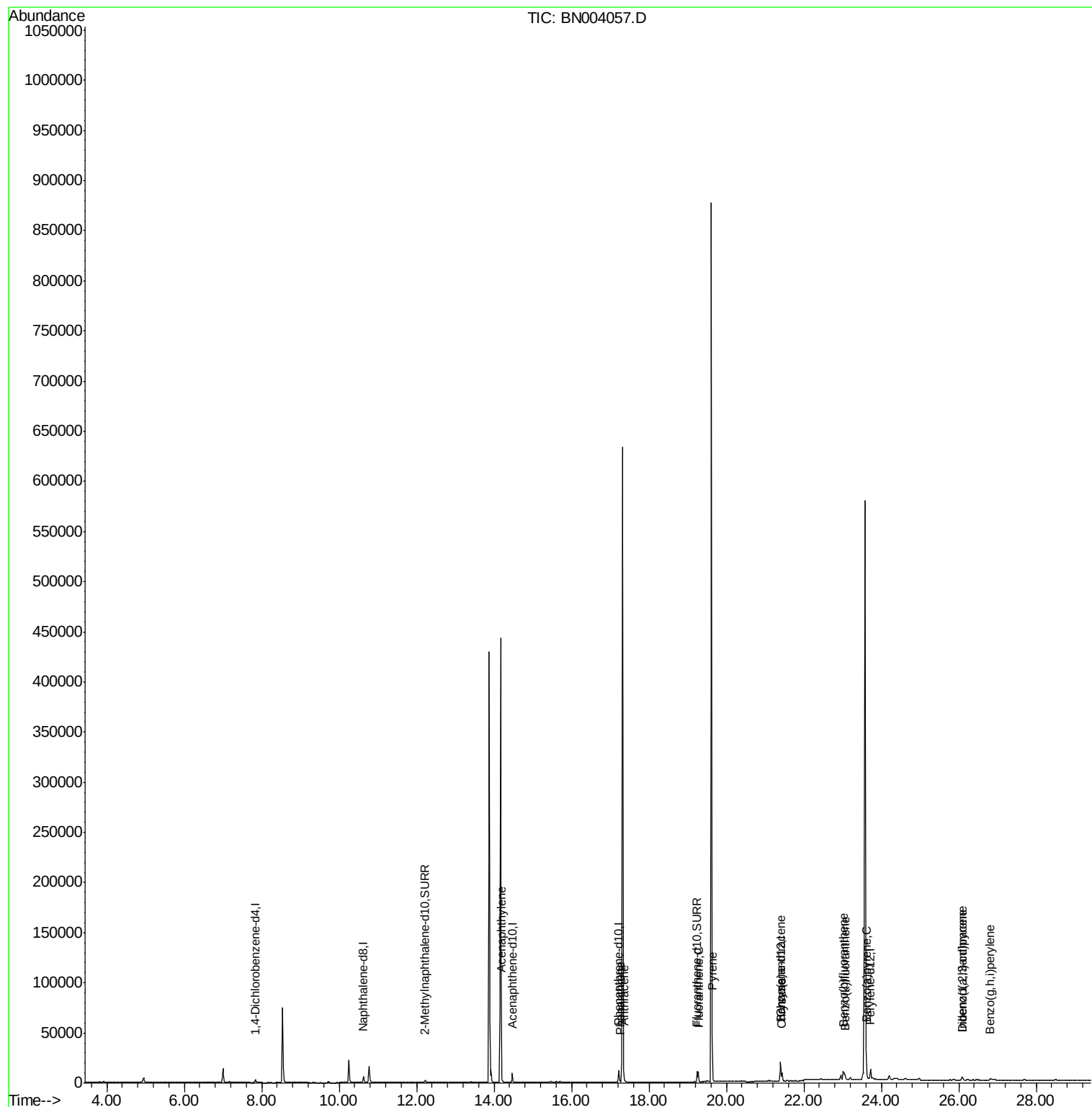
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121718\
Data File : BN004057.D
Acq On : 18 Dec 2018 03:49
Operator : JU/SJ
Sample : J6270-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

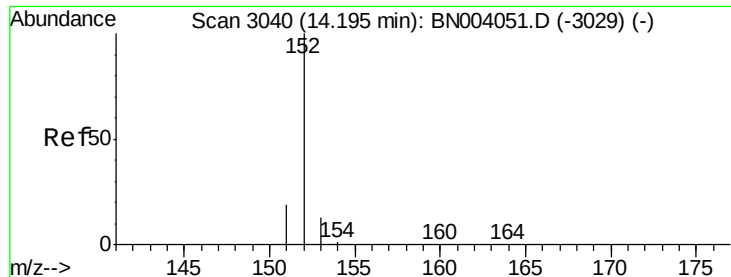
Instrument :
BNA_N
ClientSampleId :
F9E04

Quant Time: Dec 18 07:25:18 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#7

Acenaphthylene

Concen: 0.075 ng/ul

RT: 14.19 min Scan# 3040

Delta R.T. -0.00 min

Lab File: BN004057.D

Acq: 18 Dec 2018 03:49

Instrument :

BNA_N

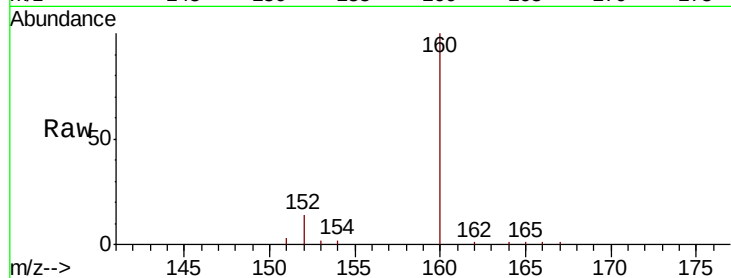
ClientSampleId :

F9E04

Tgt Ion:	152	Resp:	1712
Ion Ratio	Lower	Upper	
152	100		
151	25.0	15.9	23.9#
153	18.1	10.7	16.1#

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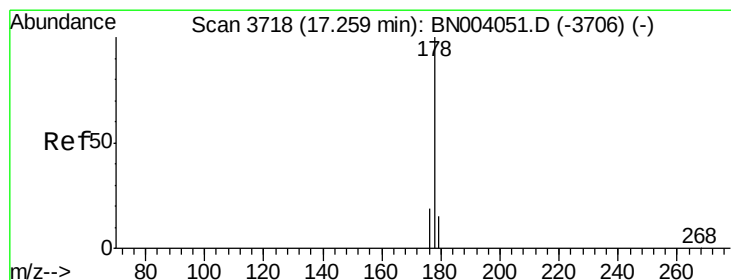
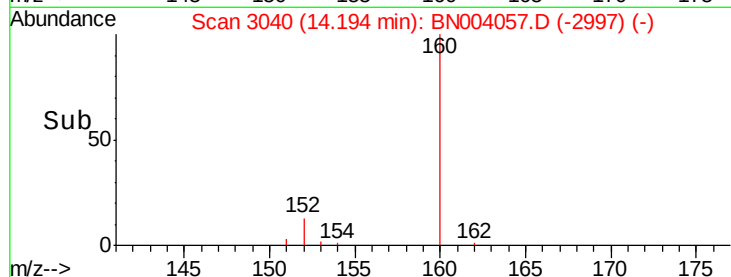
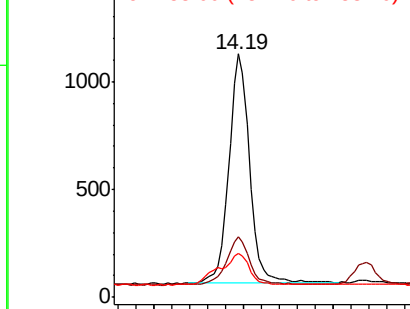


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#12

Phenanthrene

Concen: 0.059 ng/ul m

RT: 17.26 min Scan# 3718

Delta R.T. -0.00 min

Lab File: BN004057.D

Acq: 18 Dec 2018 03:49

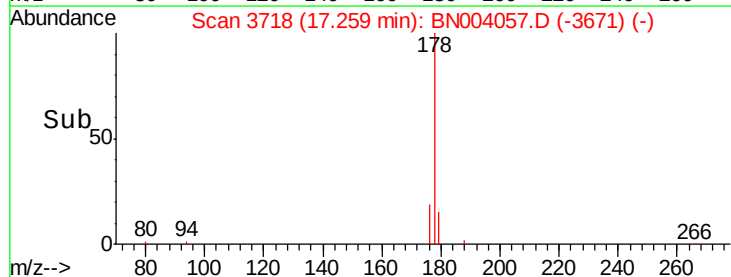
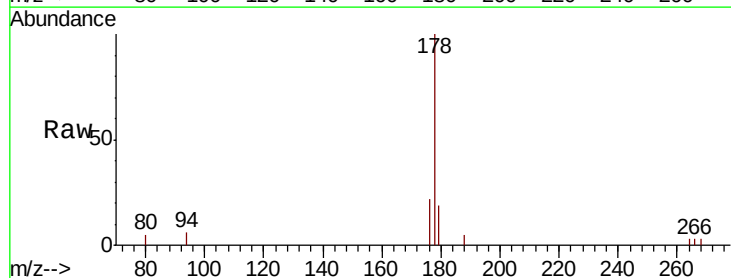
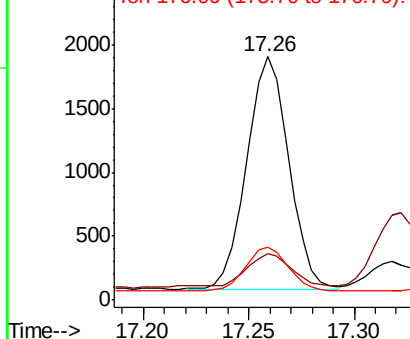
Tgt Ion:	178	Resp:	2525
Ion Ratio	Lower	Upper	
178	100		
179	19.1	12.5	18.7#
176	21.7	15.0	22.4

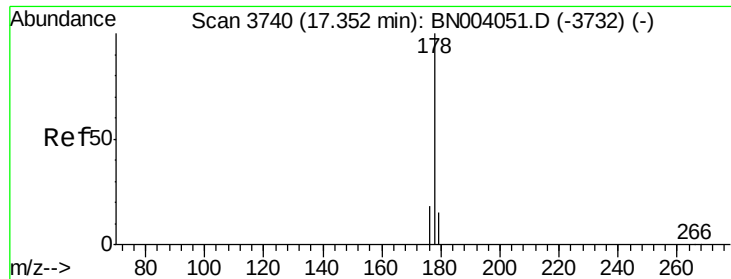
Abundance

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: 0.050 ng/ul m

RT: 17.35 min Scan# 3740

Delta R.T. -0.00 min

Lab File: BN004057.D

Acq: 18 Dec 2018 03:49

Instrument :

BNA_N

ClientSampleId :

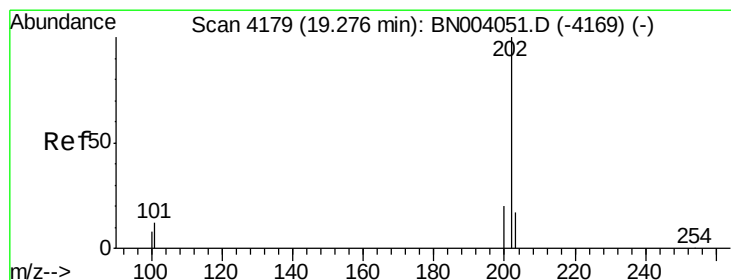
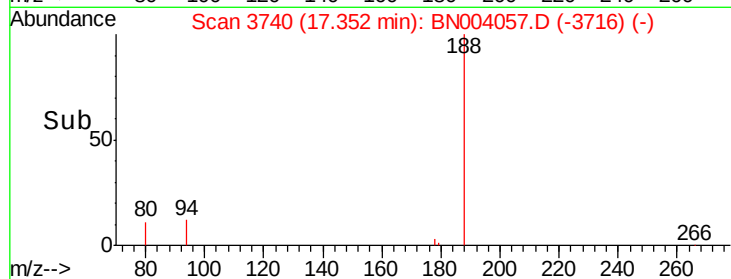
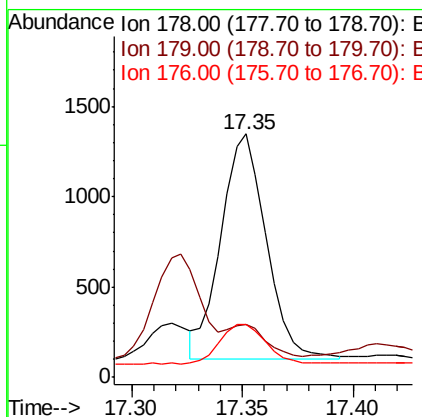
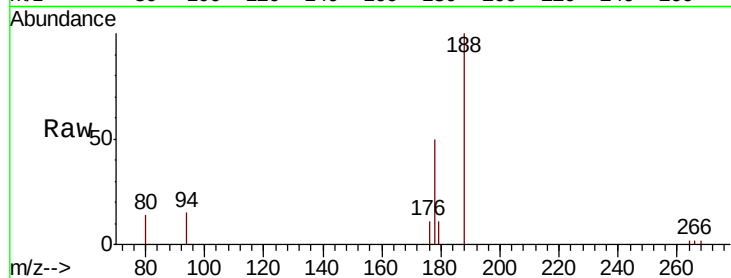
F9E04

Tgt Ion:178 Resp: 1769

Ion	Ratio	Lower	Upper
178	100		
179	21.9	12.3	18.5#
176	21.5	14.8	22.2

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#15

Fluoranthene

Concen: 0.172 ng/ul m

RT: 19.28 min Scan# 4179

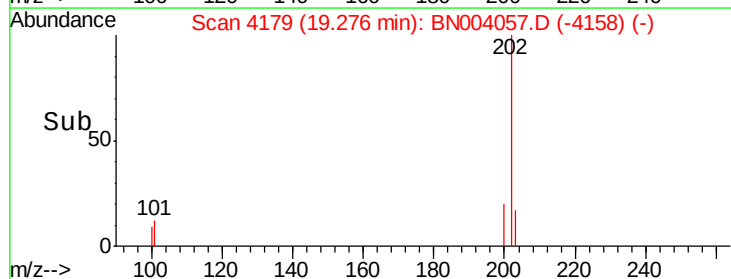
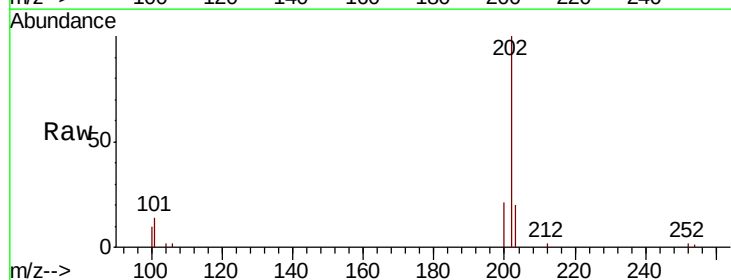
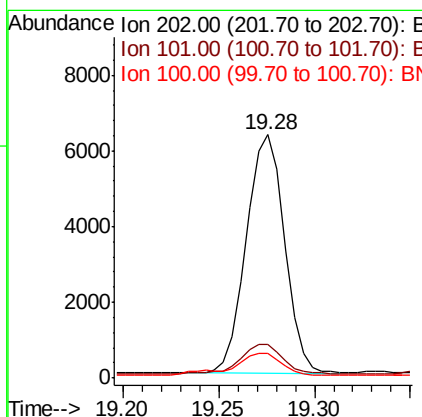
Delta R.T. -0.00 min

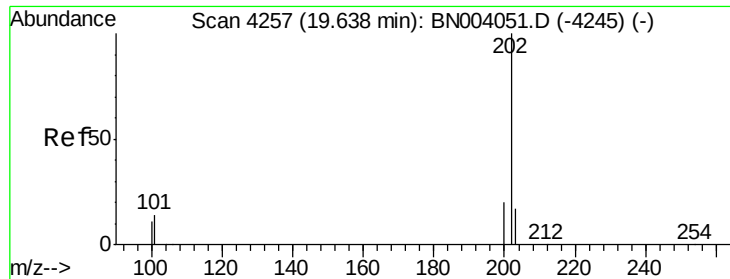
Lab File: BN004057.D

Acq: 18 Dec 2018 03:49

Tgt Ion:202 Resp: 8716

Ion	Ratio	Lower	Upper
202	100		
101	13.8	0.0	30.7
100	10.2	0.0	28.1





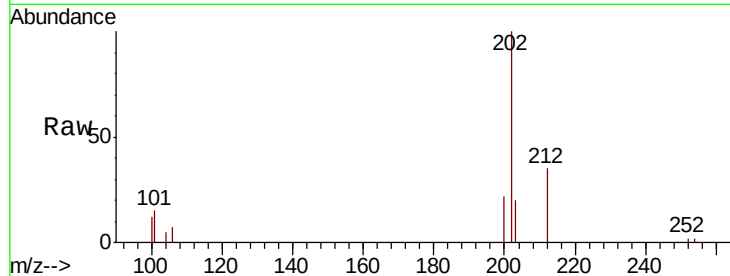
#17
Pyrene
 Concen: 0.182 ng/ul m
 RT: 19.64 min Scan# 4258
 Delta R.T. 0.00 min
 Lab File: BN004057.D
 Acq: 18 Dec 2018 03:49

Instrument :
 BNA_N
 ClientSampleId :
 F9E04

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.1	10.3	15.5
100	11.7	8.5	12.7

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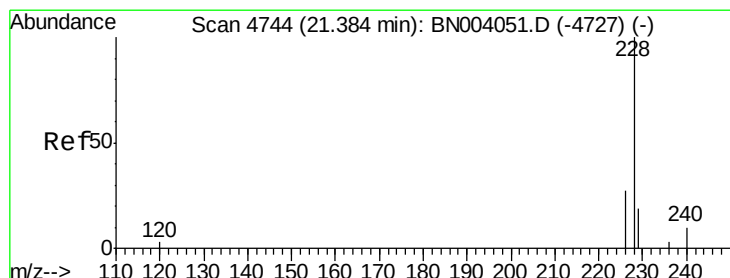
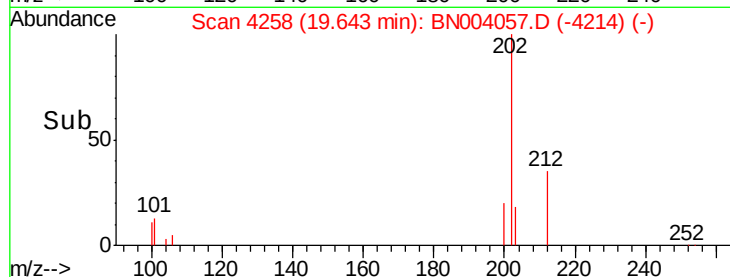
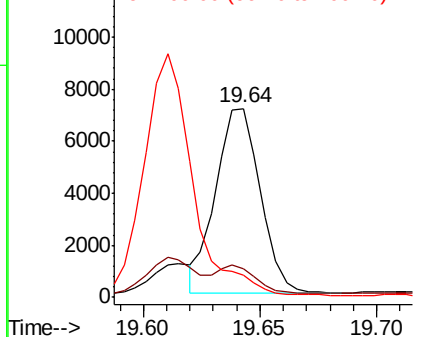


Abundance

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



#18
Benzo(a)anthracene
 Concen: 0.143 ng/ul m
 RT: 21.38 min Scan# 4744
 Delta R.T. -0.00 min
 Lab File: BN004057.D
 Acq: 18 Dec 2018 03:49

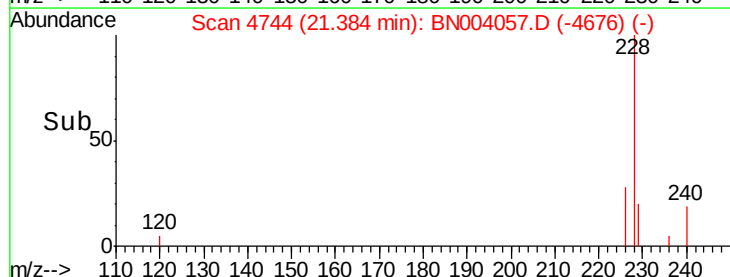
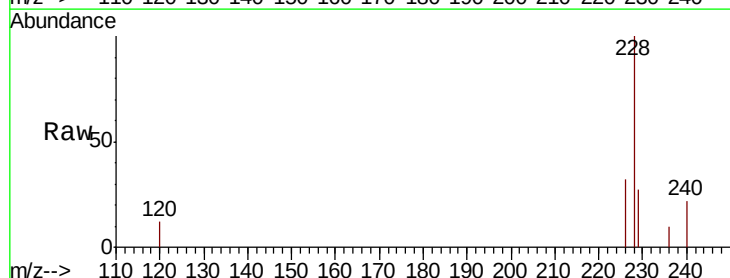
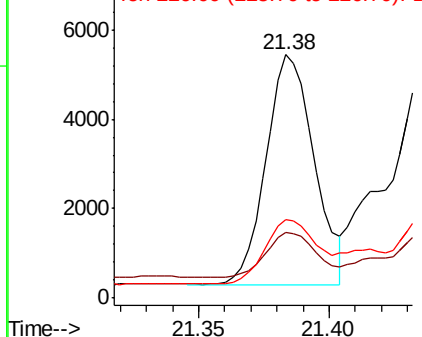
Tgt Ion	Ratio	Lower	Upper
228	100		
229	27.1	15.6	23.4#
226	32.2	21.1	31.7#

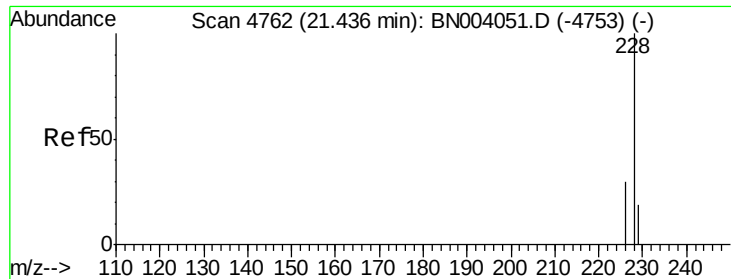
Abundance

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: 0.159 ng/ul m

RT: 21.44 min Scan# 4763

Delta R.T. 0.00 min

Lab File: BN004057.D

Acq: 18 Dec 2018 03:49

Instrument :

BNA_N

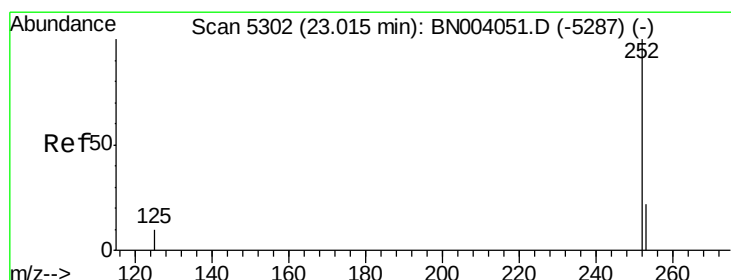
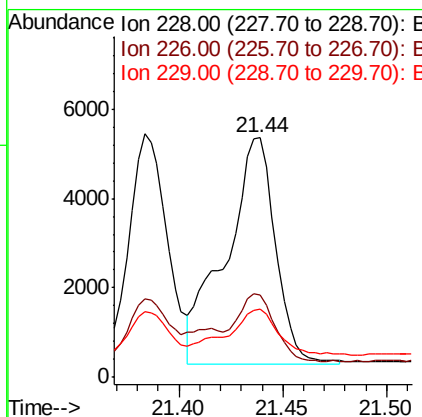
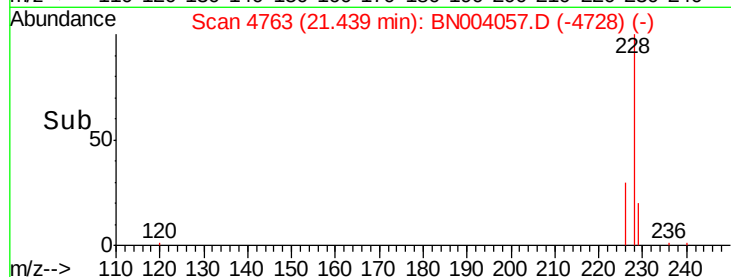
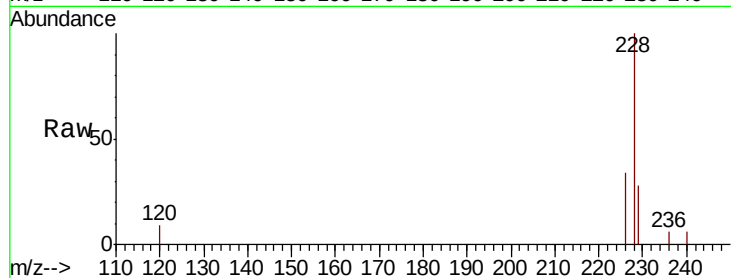
ClientSampled :

F9E04

Tgt Ion:	228	Resp:	8426
Ion Ratio	Lower	Upper	
228	100		
226	34.2	24.0	36.0
229	28.4	15.7	23.5#

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#21

Benzo(b)fluoranthene

Concen: 0.239 ng/ul m

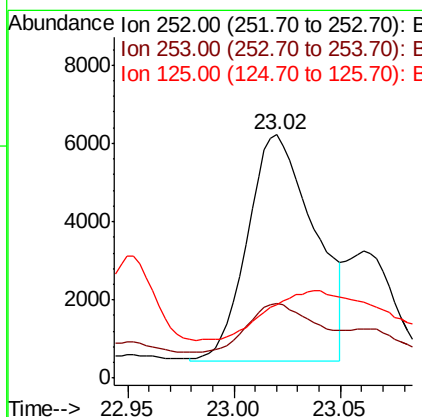
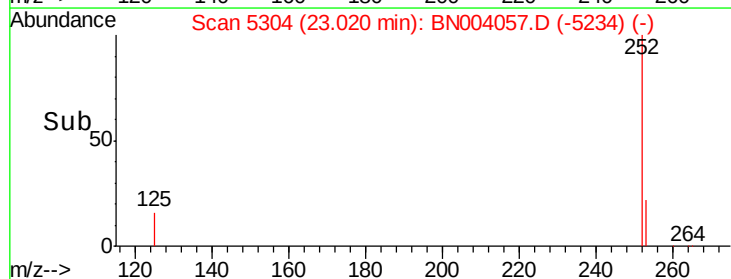
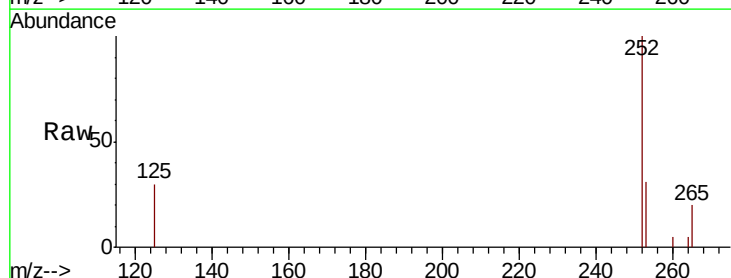
RT: 23.02 min Scan# 5304

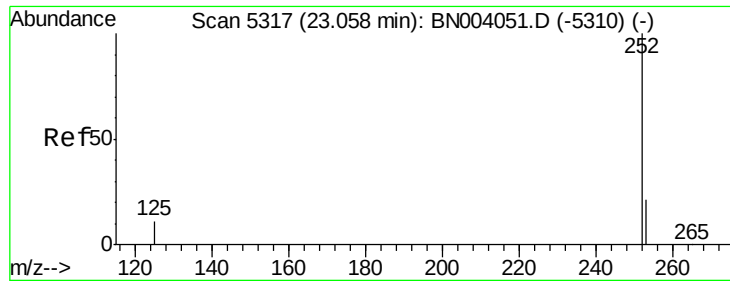
Delta R.T. 0.01 min

Lab File: BN004057.D

Acq: 18 Dec 2018 03:49

Tgt Ion:	252	Resp:	12691
Ion Ratio	Lower	Upper	
252	100		
253	30.9	0.0	46.0
125	30.4	0.0	22.4#





#22

Benzo(k)fluoranthene

Concen: 0.074 ng/ul m

RT: 23.06 min Scan# 5318

Delta R.T. 0.00 min

Lab File: BN004057.D

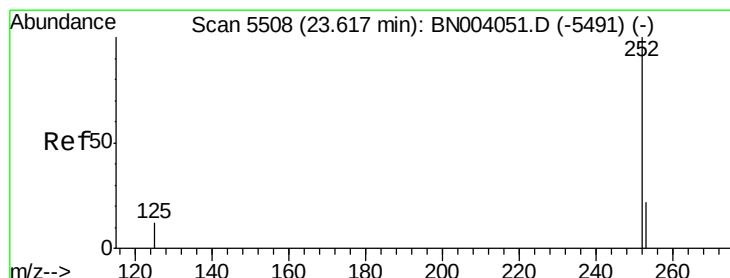
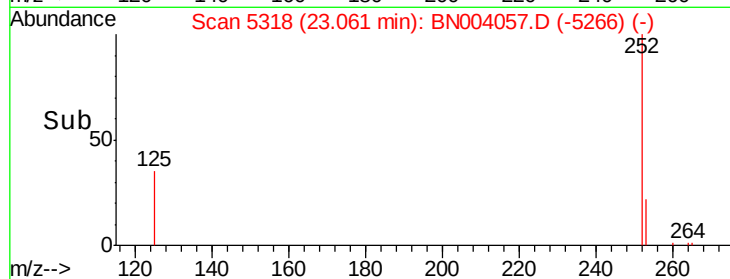
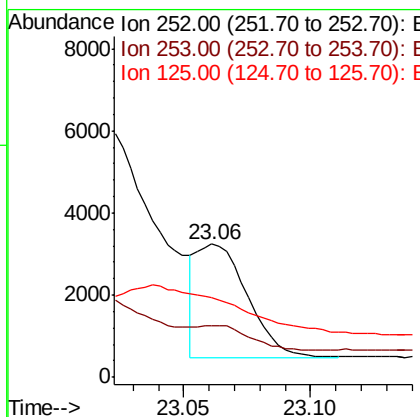
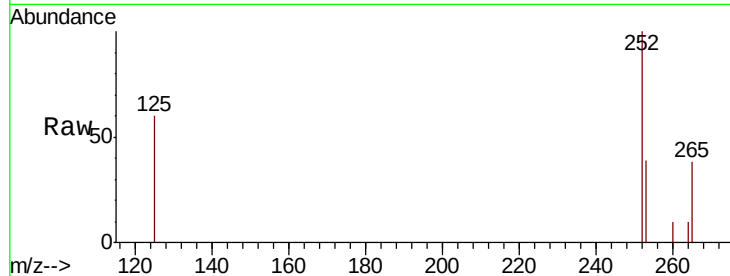
Acq: 18 Dec 2018 03:49

Instrument :
BNA_N
ClientSampled :
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Tgt Ion	Ratio	Lower	Upper
252	100		
253	38.7	18.5	27.7#
125	59.6	9.0	13.6#

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#23

Benzo(a)pyrene

Concen: 0.131 ng/ul m

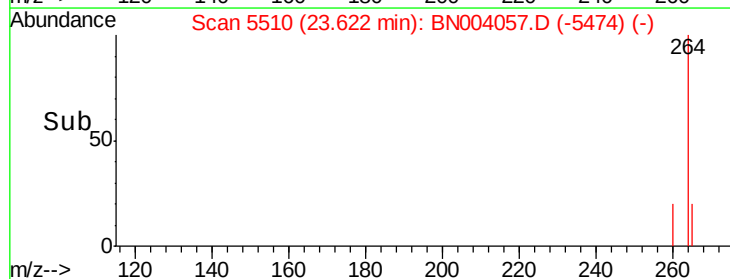
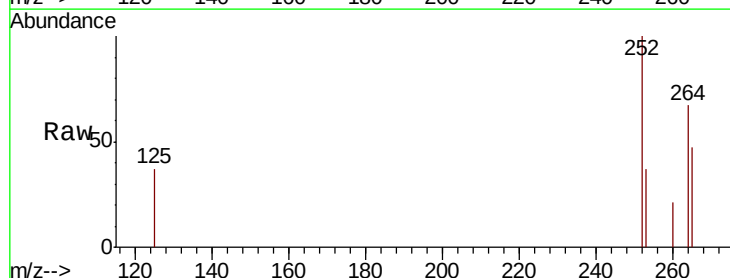
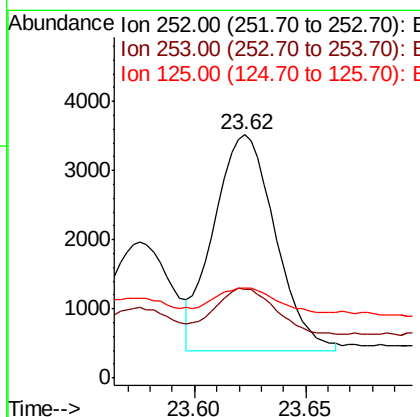
RT: 23.62 min Scan# 5510

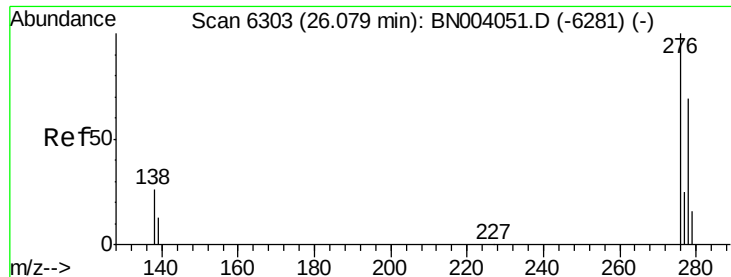
Delta R.T. 0.01 min

Lab File: BN004057.D

Acq: 18 Dec 2018 03:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	36.5	19.0	28.4#
125	37.2	10.2	15.4#





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.095 ng/ul m

RT: 26.09 min Scan# 6306

Delta R.T. 0.01 min

Lab File: BN004057.D

Acq: 18 Dec 2018 03:49

Instrument :

BNA_N

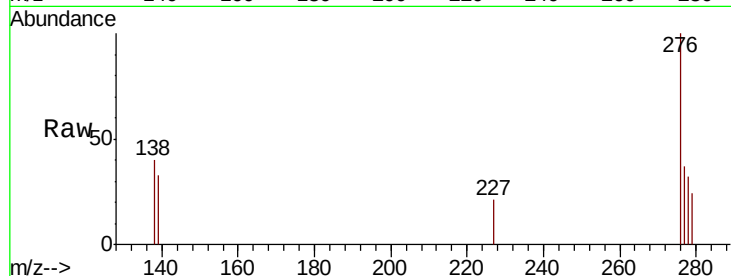
ClientSampled :

F9E04

Tgt Ion:	276	Resp:	5014
Ion Ratio	Lower	Upper	
276	100		
138	1.0	20.3	30.5#
227	0.0	0.2	0.2#

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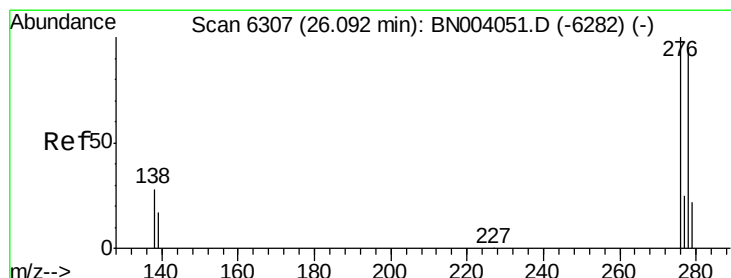
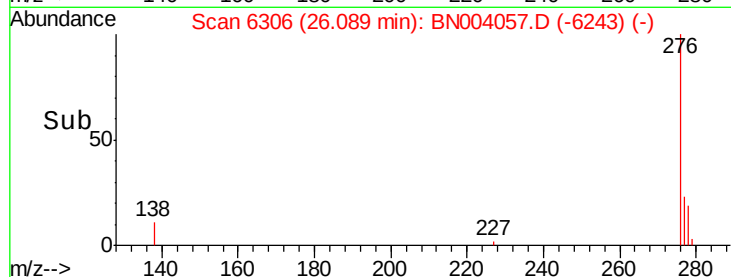
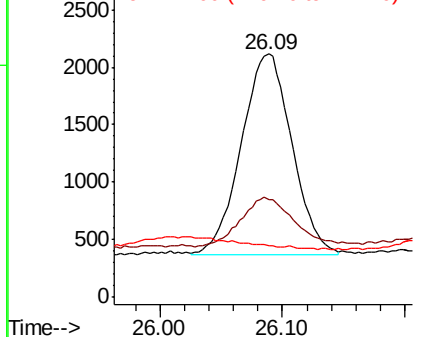
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Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



#25

Dibenzo(a,h)anthracene

Concen: 0.034 ng/ul m

RT: 26.09 min Scan# 6307

Delta R.T. -0.00 min

Lab File: BN004057.D

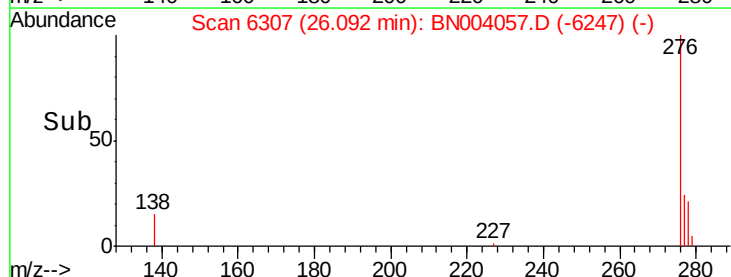
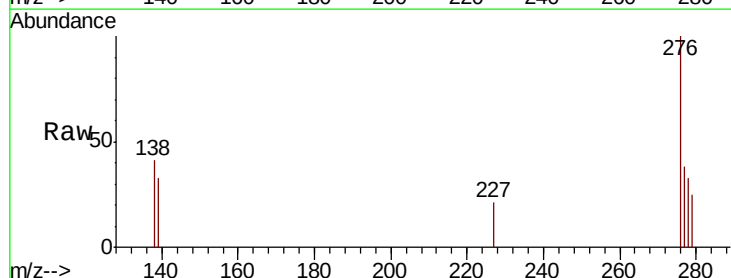
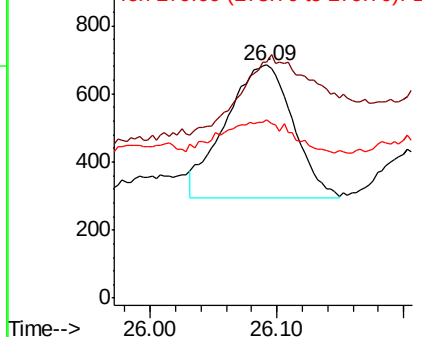
Acq: 18 Dec 2018 03:49

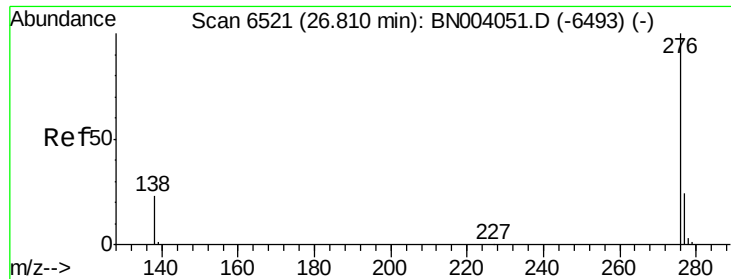
Tgt Ion:	278	Resp:	1458
Ion Ratio	Lower	Upper	
278	100		
139	101.0	14.2	21.4#
279	76.5	19.8	29.6#

Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#26
 Benzo(g,h,i)perylene
 Concen: 0.085 ng/ul m
 RT: 26.82 min Scan# 6524
 Delta R.T. 0.01 min
 Lab File: BN004057.D
 Acq: 18 Dec 2018 03:49

Instrument :
 BNA_N
 ClientSampleId :
 F9E04

Tgt Ion	Ratio	Lower	Upper
276	100		
138	42.0	17.7	26.5#
277	40.3	19.3	28.9#

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