

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121518\
 Data File : BN003962.D
 Acq On : 15 Dec 2018 16:52
 Operator : JU/SJ
 Sample : J6227-19
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9E68

Manual Integrations
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Quant Time: Dec 15 23:04:37 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 : Sat Dec 15 21:58:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1933	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	9507	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	5804	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	14428m	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	17949m	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	16616m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	2928	0.20	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	8918m	0.21	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.68	128	2450	0.092	ng/ul#	92
5) 2-Methylnaphthalene	12.29	142	5057	0.271	ng/ul	100
12) Phenanthrene	17.25	178	18672	0.394	ng/ul	99
13) Anthracene	17.35	178	3544m	0.091	ng/ul	
15) Fluoranthene	19.27	202	4922m	0.088	ng/ul	
17) Pyrene	19.64	202	24173	0.375	ng/ul	98
18) Benzo(a)anthracene	21.38	228	9224m	0.163	ng/ul	
19) Chrysene	21.44	228	18147m	0.280	ng/ul	
21) Benzo(b)fluoranthene	23.02	252	5530m	0.080	ng/ul	
23) Benzo(a)pyrene	23.62	252	5692	0.096	ng/ul#	62
24) Indeno(1,2,3-cd)pyrene	26.07	276	3876	0.057	ng/ul#	98
26) Benzo(g,h,i)perylene	26.80	276	8513	0.144	ng/ul#	79

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

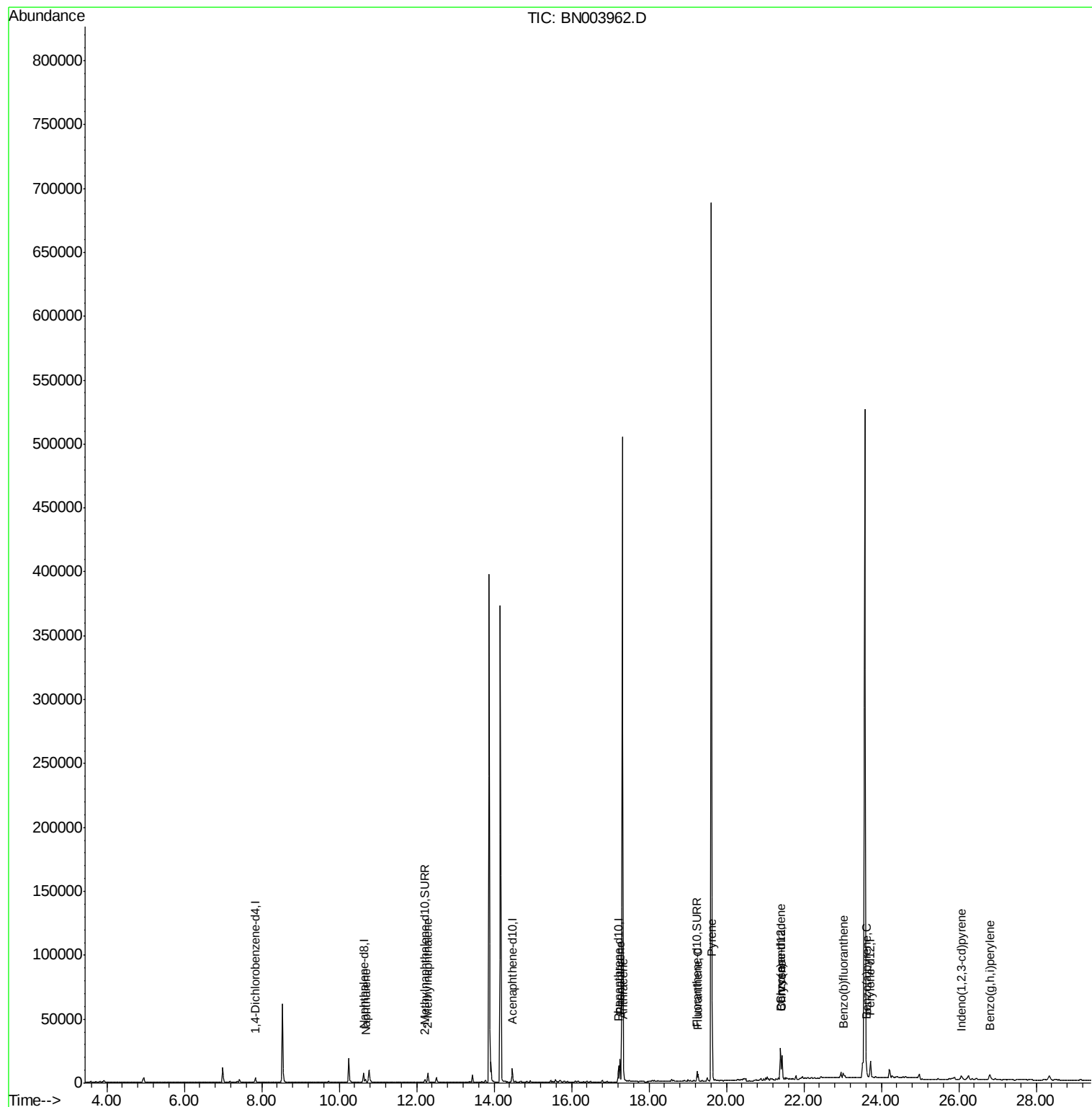
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121518\
Data File : BN003962.D
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Sample : J6227-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

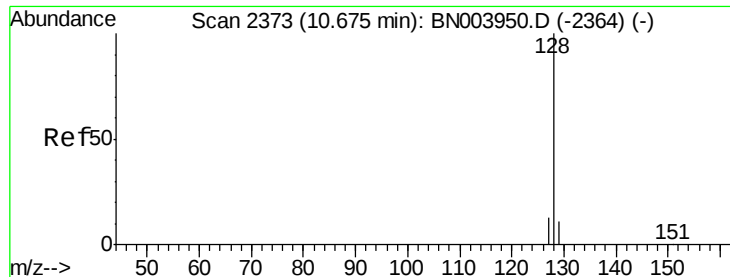
Instrument :
BNA_N
ClientSampleId :
F9E68

Quant Time: Dec 15 23:04:37 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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#3

Naphthalene

Concen: 0.092 ng/ul

RT: 10.68 min Scan# 2374

Delta R.T. 0.01 min

Lab File: BN003962.D

Acq: 15 Dec 2018 16:52

Instrument :

BNA_N

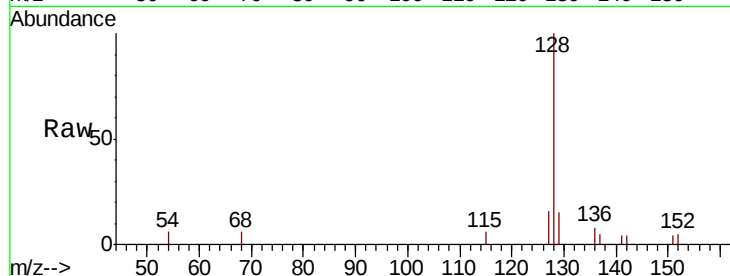
ClientSampleId :

F9E68

Tot Ion	Ratio	Lower	Upper
128	100		
129	15.1	9.0	13.6#
127	15.6	10.5	15.7

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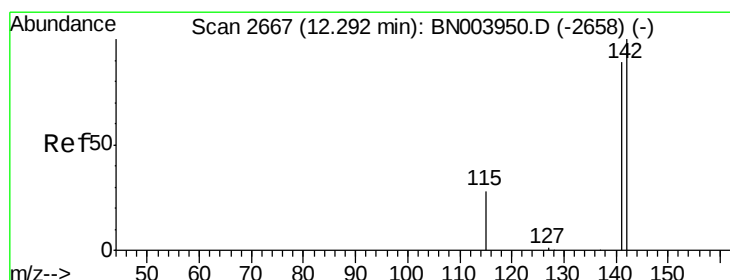
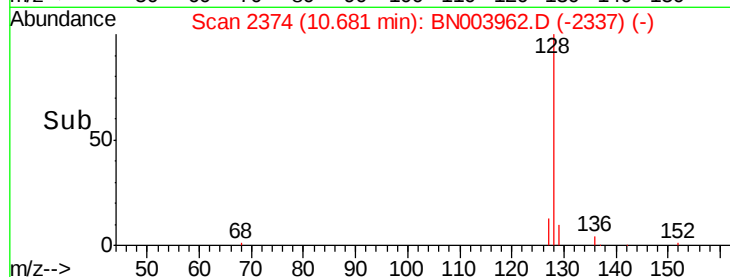
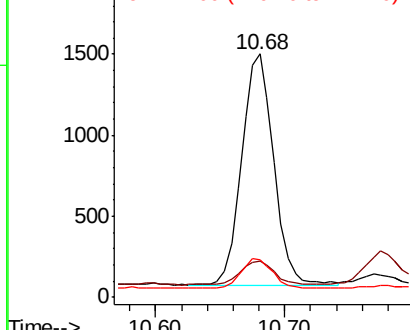


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.271 ng/ul

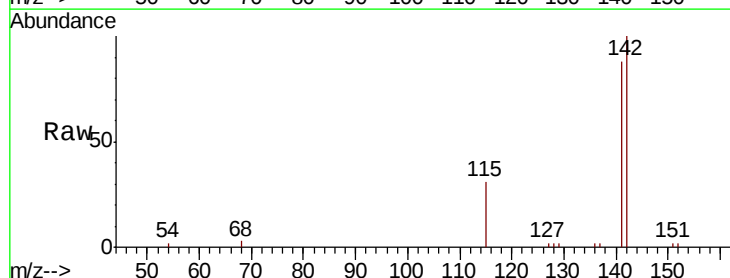
RT: 12.29 min Scan# 2667

Delta R.T. -0.00 min

Lab File: BN003962.D

Acq: 15 Dec 2018 16:52

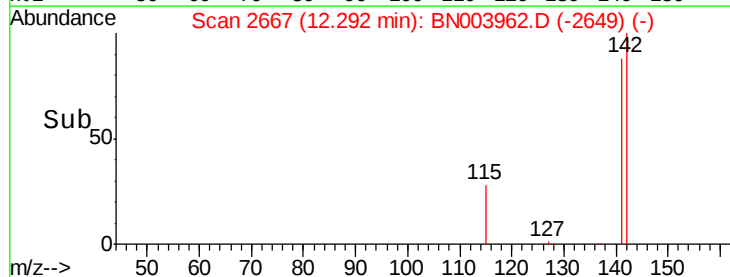
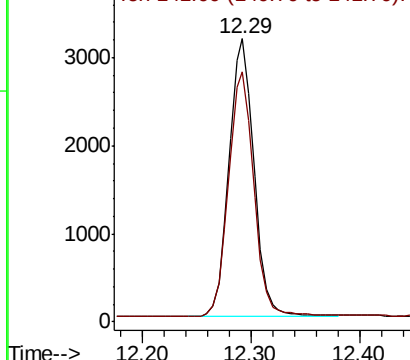
Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.5	107.3

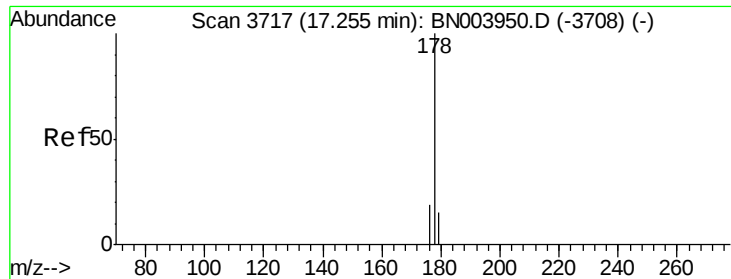


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#12

Phenanthrene

Concen: 0.394 ng/ul

RT: 17.25 min Scan# 3717

Delta R.T. -0.00 min

Lab File: BN003962.D

Acq: 15 Dec 2018 16:52

Instrument :

BNA_N

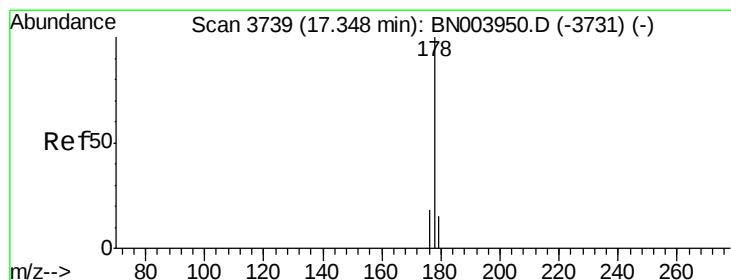
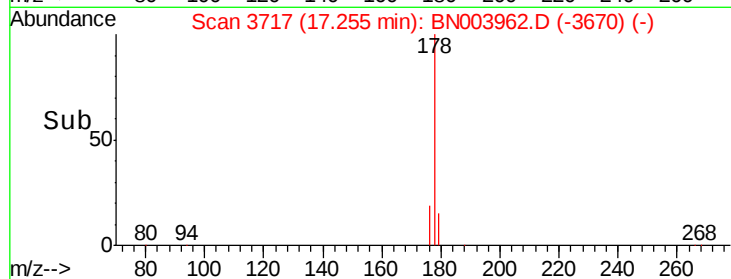
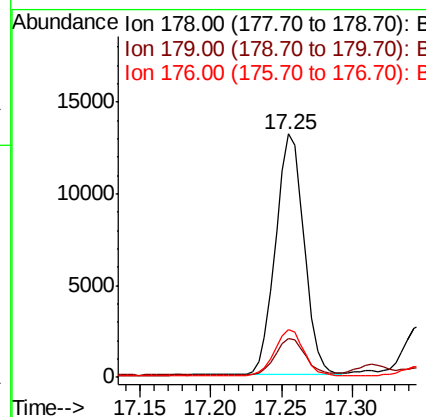
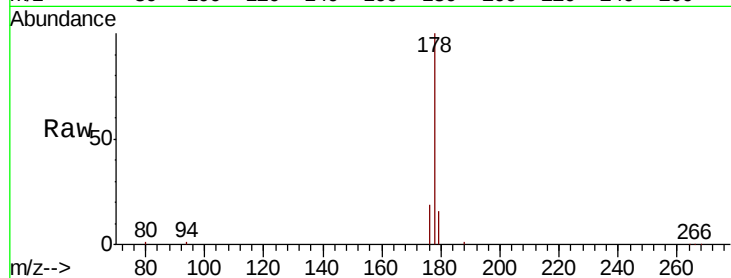
ClientSampled :

F9E68

Tot Ion:178	Resp:	18672
Ion Ratio	Lower	Upper
178	100	
179	15.9	12.5 18.7
176	19.5	15.0 22.4

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#13

Anthracene

Concen: 0.091 ng/ul m

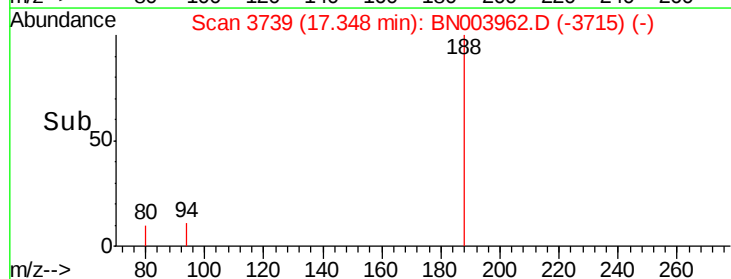
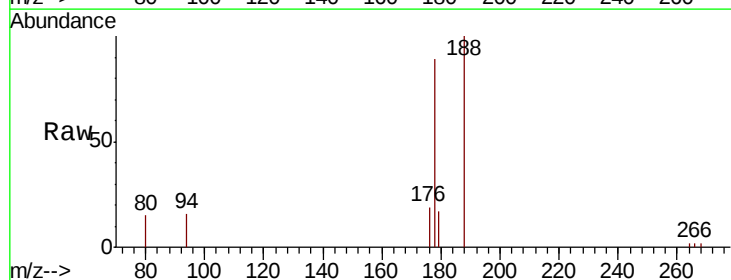
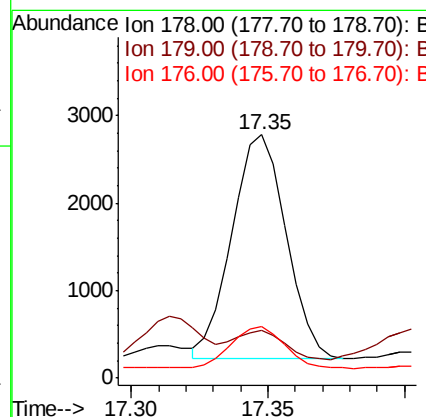
RT: 17.35 min Scan# 3739

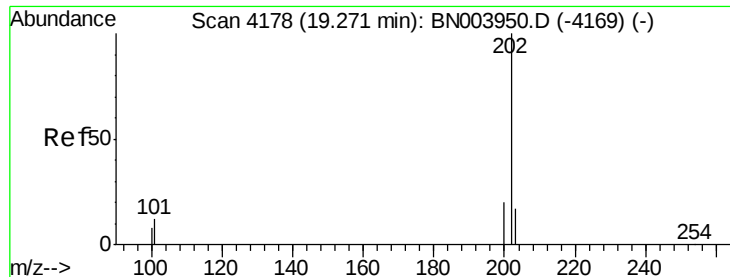
Delta R.T. -0.00 min

Lab File: BN003962.D

Acq: 15 Dec 2018 16:52

Tgt Ion:178	Resp:	3544
Ion Ratio	Lower	Upper
178	100	
179	19.4	12.3 18.5#
176	21.0	14.8 22.2





#15

Fluoranthene

Concen: 0.088 ng/ul m

RT: 19.27 min Scan# 4178

Delta R.T. -0.00 min

Lab File: BN003962.D

Acq: 15 Dec 2018 16:52

Instrument :

BNA_N

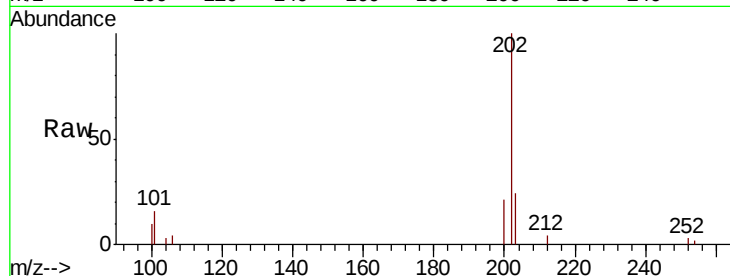
ClientSampled :

F9E68

Tot Ion:	202	Resp:	4922
Ion Ratio	Lower	Upper	
202	100		
101	15.6	0.0	30.7
100	10.4	0.0	28.1

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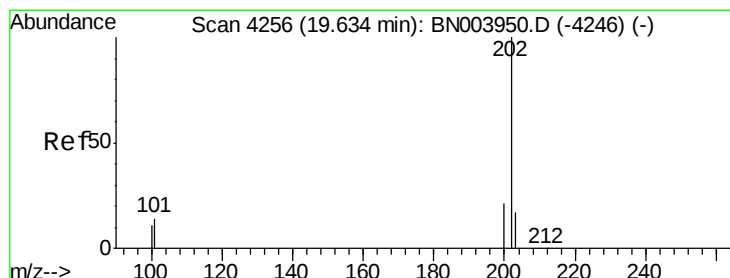
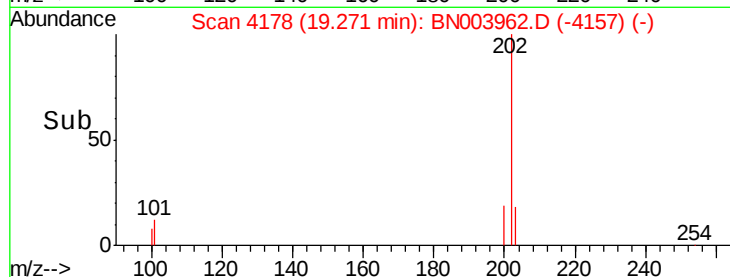
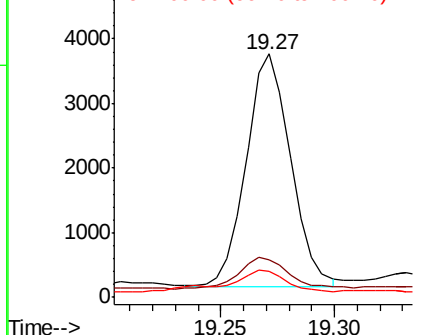


Abundance

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: 0.375 ng/ul

RT: 19.64 min Scan# 4257

Delta R.T. 0.00 min

Lab File: BN003962.D

Acq: 15 Dec 2018 16:52

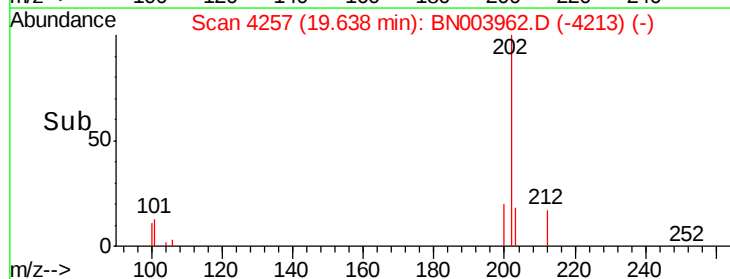
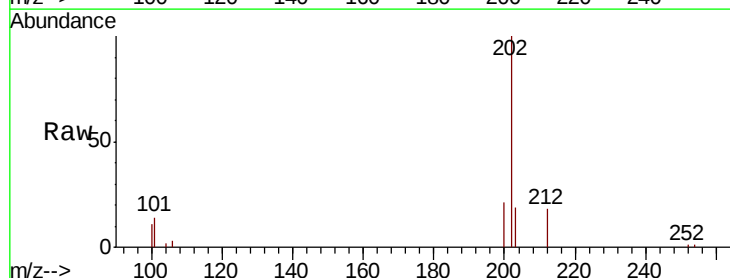
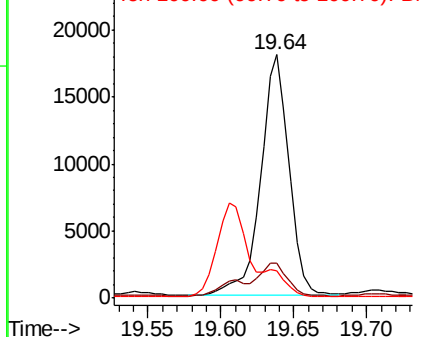
Tgt Ion:	202	Resp:	24173
Ion Ratio	Lower	Upper	
202	100		
101	14.2	10.3	15.5
100	11.0	8.5	12.7

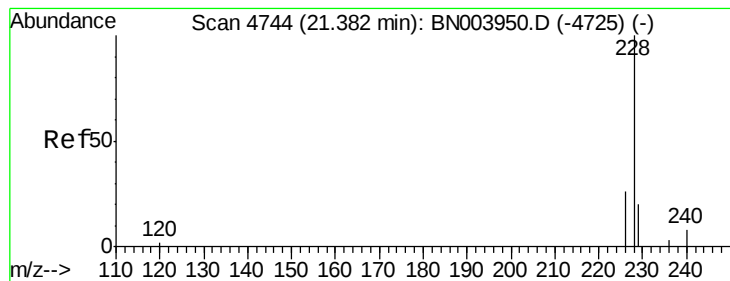
Abundance

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: 0.163 ng/ul m

RT: 21.38 min Scan# 4744

Delta R.T. 0.00 min

Lab File: BN003962.D

Acq: 15 Dec 2018 16:52

Instrument :

BNA_N

ClientSampled :

F9E68

Tot Ion:228 Resp: 9224

Ion Ratio Lower Upper

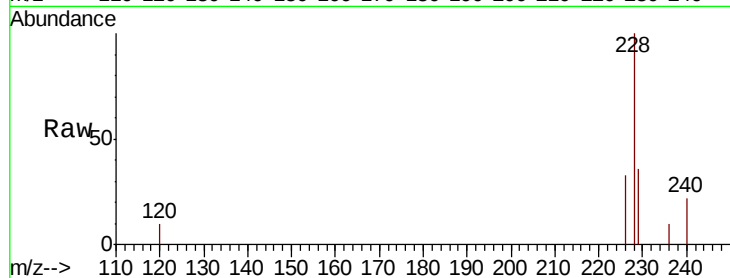
228 100

229 36.5 15.6 23.4#

226 33.0 21.1 31.7#

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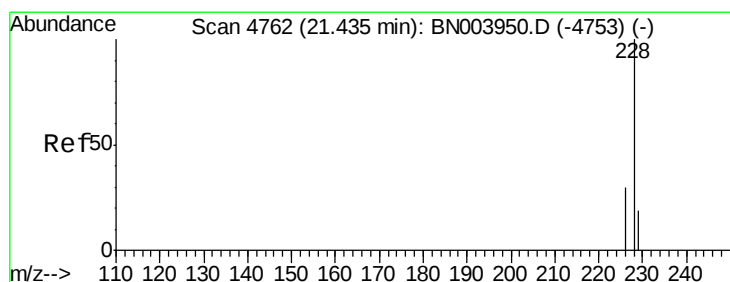
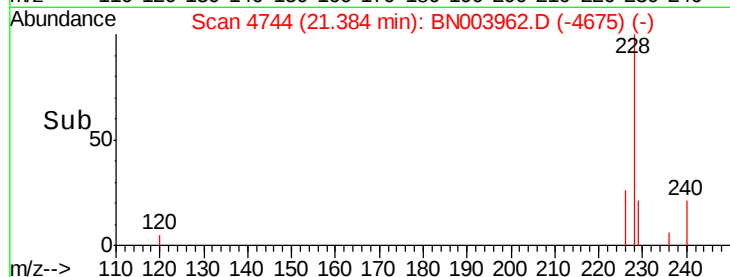
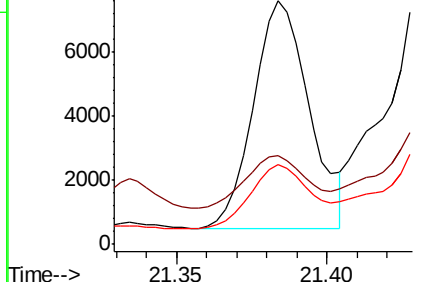
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#19

Chrysene

Concen: 0.280 ng/ul m

RT: 21.44 min Scan# 4762

Delta R.T. 0.00 min

Lab File: BN003962.D

Acq: 15 Dec 2018 16:52

Tgt Ion:228 Resp: 18147

Ion Ratio Lower Upper

228 100

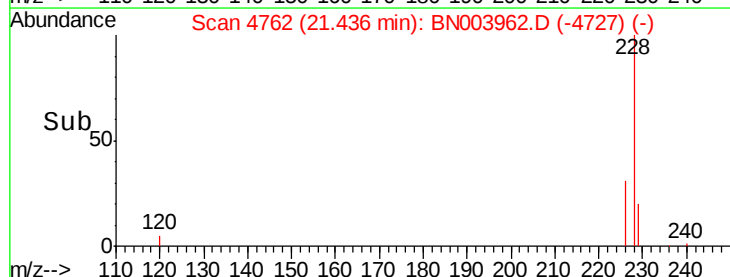
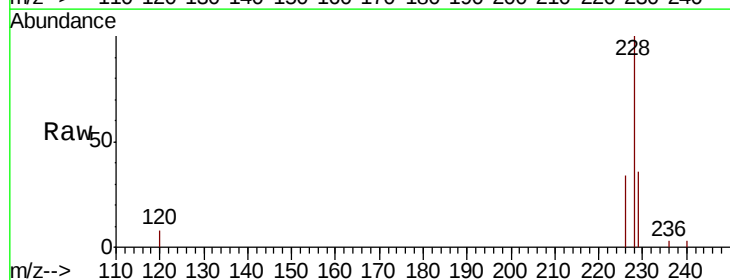
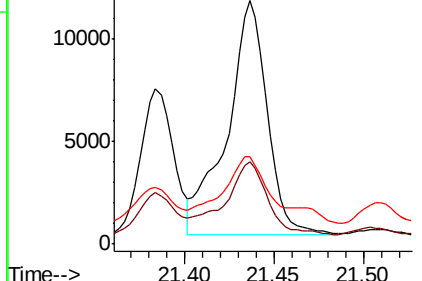
226 33.7 24.0 36.0

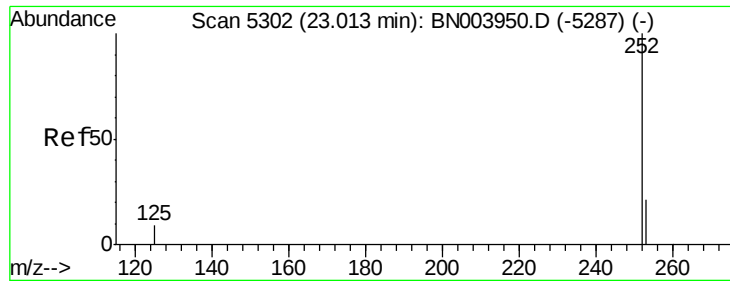
229 35.7 15.7 23.5#

Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.080 ng/u1 m

RT: 23.02 min Scan# 5303

Delta R.T. 0.00 min

Lab File: BN003962.D

Acq: 15 Dec 2018 16:52

Instrument :

BNA_N

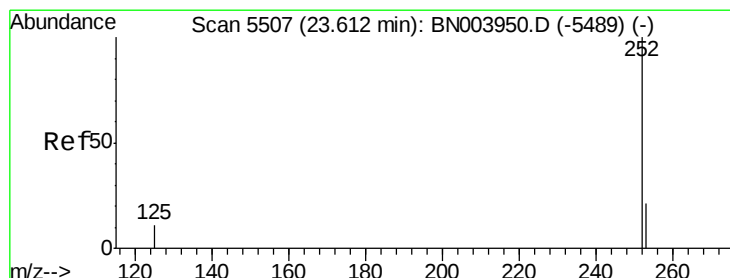
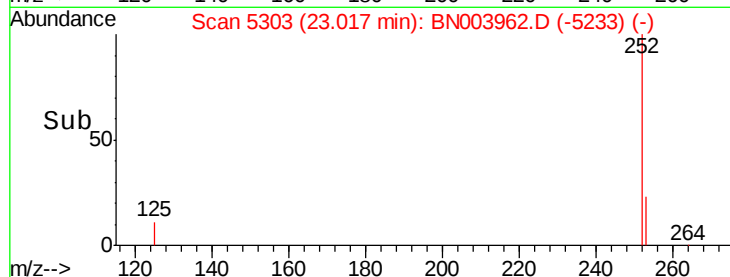
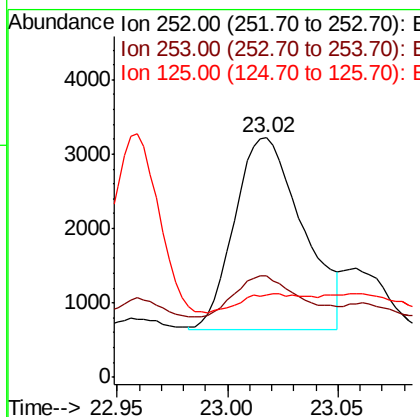
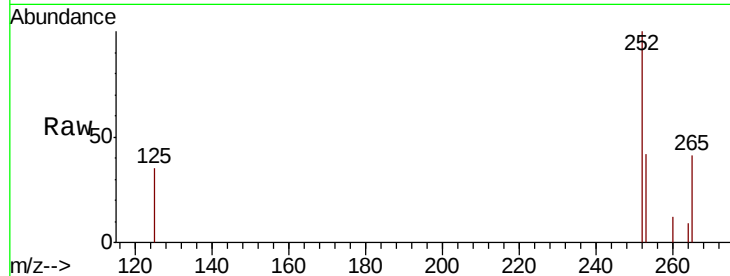
ClientSampleId :

F9E68

Tot Ion:	252	Resp:	5530
Ion Ratio	Lower	Upper	
252	100		
253	42.2	0.0	46.0
125	34.6	0.0	22.4#

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#23

Benzo(a)pyrene

Concen: 0.096 ng/u1

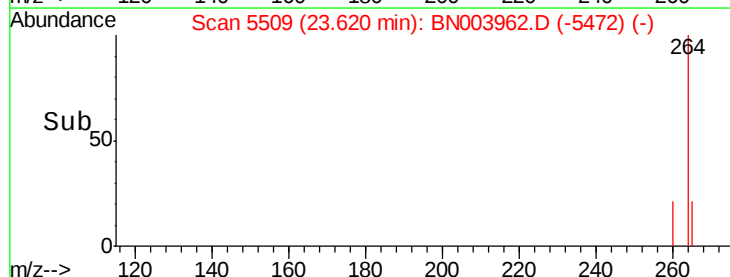
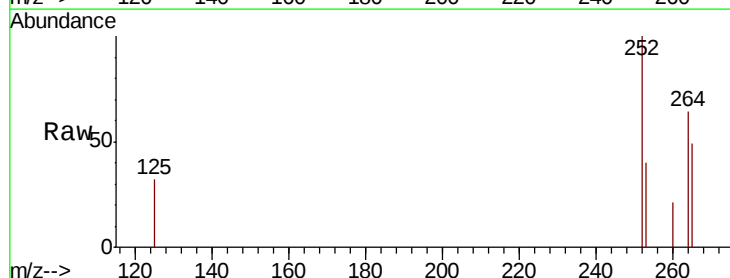
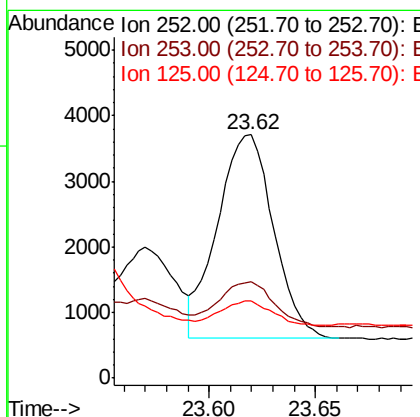
RT: 23.62 min Scan# 5509

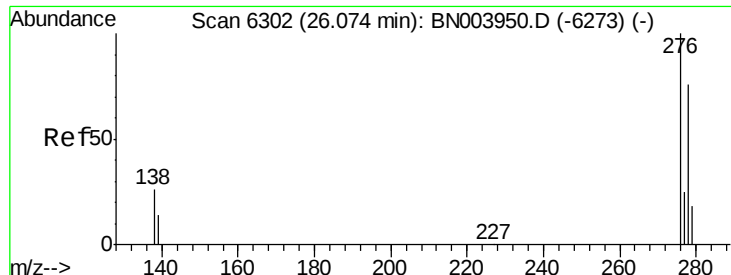
Delta R.T. 0.01 min

Lab File: BN003962.D

Acq: 15 Dec 2018 16:52

Tgt Ion:	252	Resp:	5692
Ion Ratio	Lower	Upper	
252	100		
253	39.9	19.0	28.4#
125	31.5	10.2	15.4#





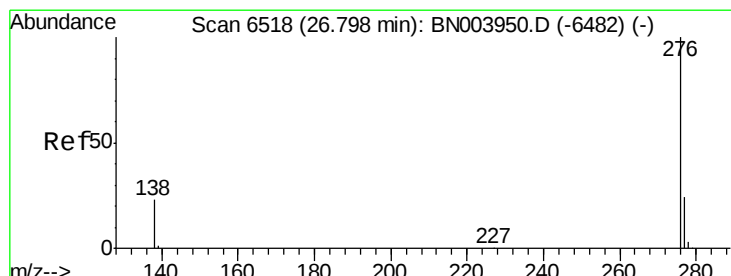
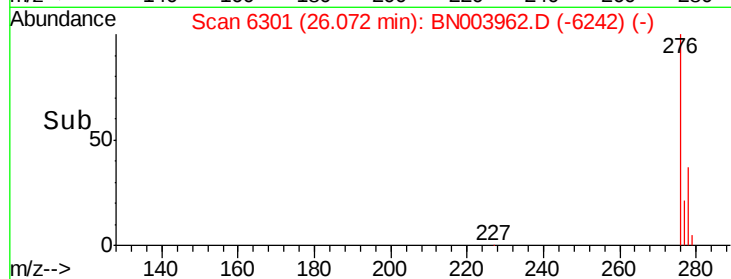
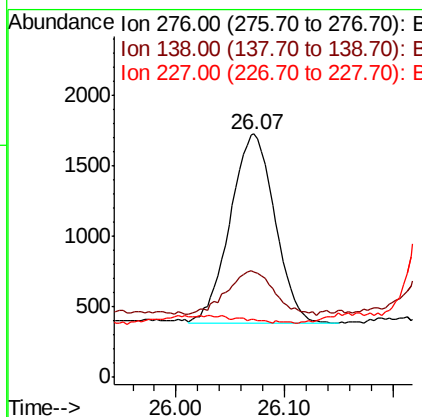
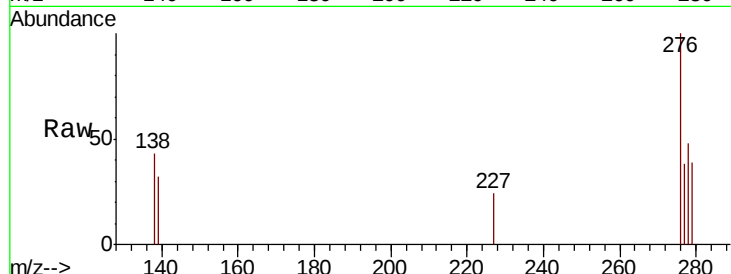
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.057 ng/uL
RT: 26.07 min Scan# 6301
Delta R.T. -0.00 min
Lab File: BN003962.D
Acq: 15 Dec 2018 16:52

Instrument :
BNA_N
ClientSampleId :
F9E68

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.3	20.3	30.5
227	0.0	0.2	0.2

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#26
Benzo(g,h,i)perylene
Concen: 0.144 ng/uL
RT: 26.80 min Scan# 6519
Delta R.T. 0.00 min
Lab File: BN003962.D
Acq: 15 Dec 2018 16:52

Tgt Ion	Ratio	Lower	Upper
276	100		
138	34.6	17.7	26.5
277	32.4	19.3	28.9

