

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121918\
 Data File : BN004109.D
 Acq On : 19 Dec 2018 12:36
 Operator : JU/SJ
 Sample : J6297-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9E37

Manual Integrations
 APPROVED

Sohil
 12/20/2018 2:02:52 PM

Quant Time: Dec 20 05:02:53 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 : Thu Dec 20 04:42:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	1242	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	6351	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	4070	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	10960m	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	11893m	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	10525m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	2347	0.24	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	7742m	0.24	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	14.19	152	1083	0.059	ng/ul#	85
12) Phenanthrene	17.25	178	1207m	0.034	ng/ul	
13) Anthracene	17.35	178	1201m	0.041	ng/ul	
15) Fluoranthene	19.27	202	3654m	0.086	ng/ul	
17) Pyrene	19.63	202	4600m	0.108	ng/ul	
18) Benzo(a)anthracene	21.39	228	3298	0.088	ng/ul	93
19) Chrysene	21.44	228	3879m	0.090	ng/ul	
21) Benzo(b)fluoranthene	23.02	252	6763m	0.155	ng/ul	
22) Benzo(k)fluoranthene	23.06	252	2449m	0.058	ng/ul	
23) Benzo(a)pyrene	23.62	252	2656	0.070	ng/ul#	71
24) Indeno(1,2,3-cd)pyrene	26.08	276	2899	0.067	ng/ul#	97
26) Benzo(g,h,i)perylene	26.81	276	2348	0.062	ng/ul#	77

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

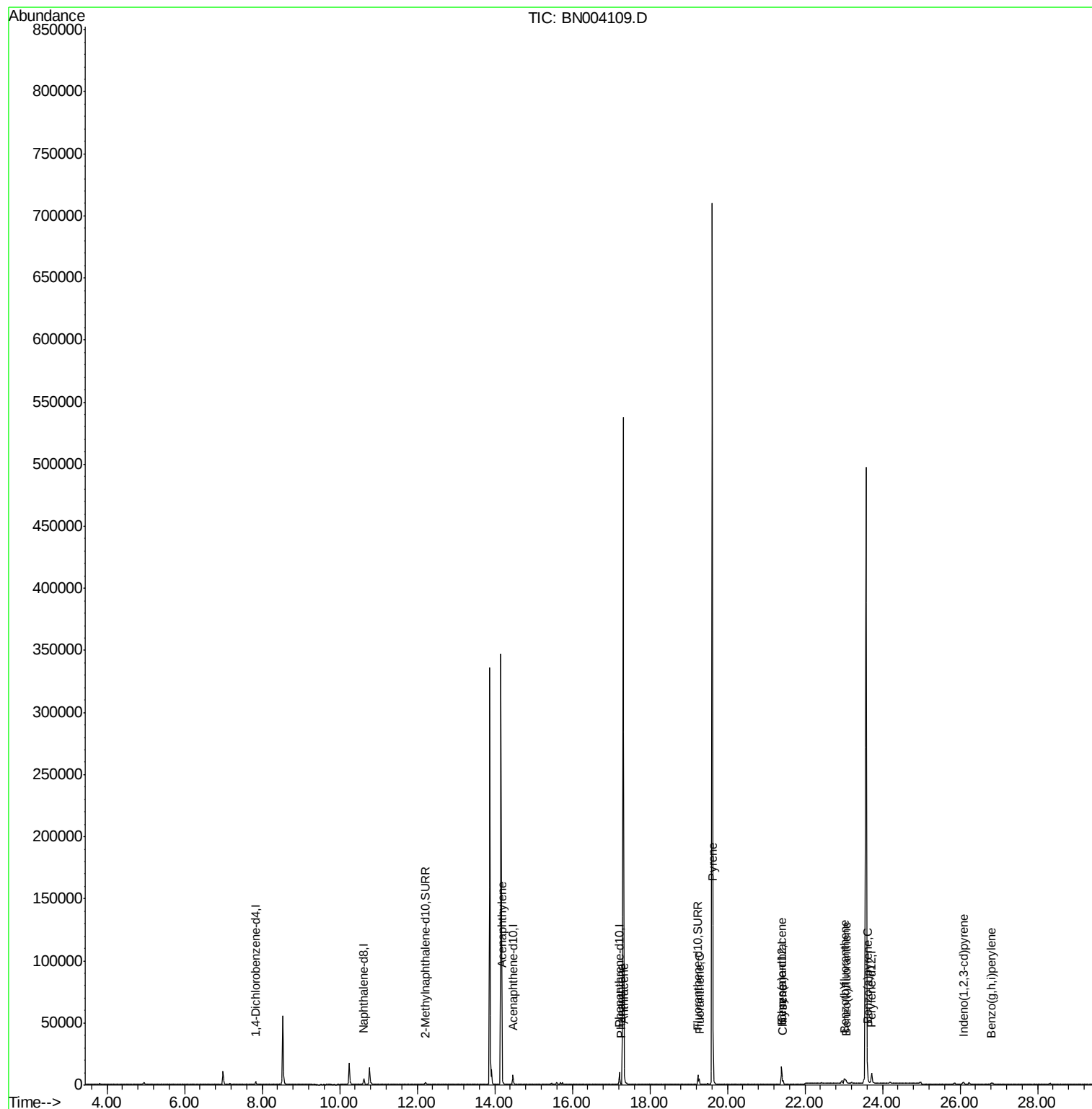
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121918\
Data File : BN004109.D
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Misc :
ALS Vial : 8 Sample Multiplier: 1

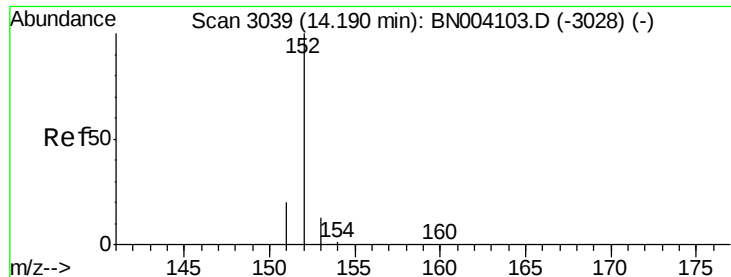
Instrument :
BNA_N
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F9E37

Quant Time: Dec 20 05:02:53 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
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#7

Acenaphthylene

Concen: 0.059 ng/ul

RT: 14.19 min Scan# 3039

Delta R.T. 0.00 min

Lab File: BN004109.D

Acq: 19 Dec 2018 12:36

Instrument :

BNA_N

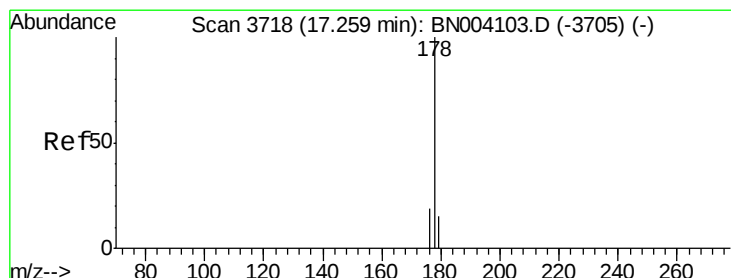
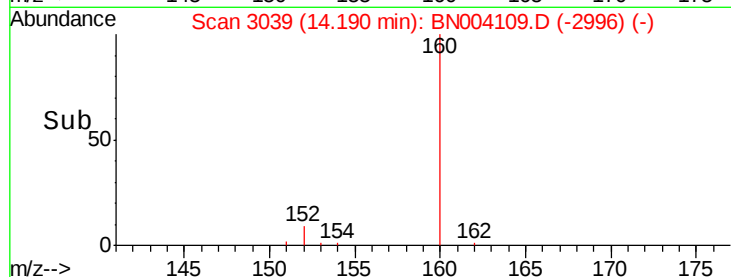
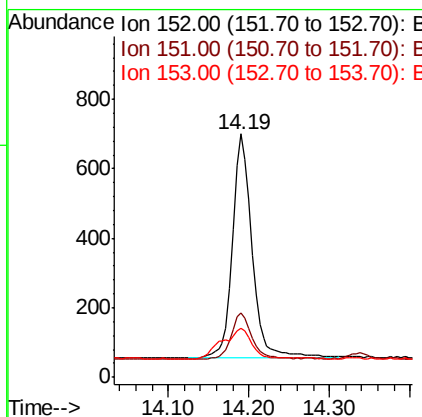
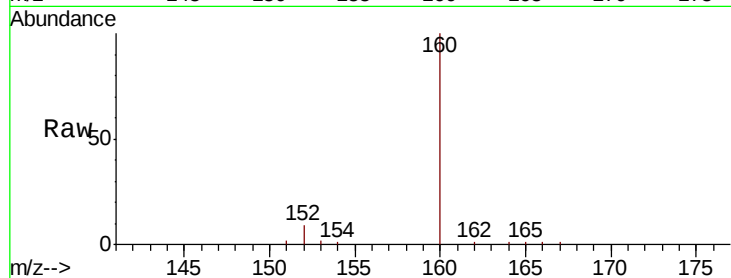
ClientSampleId :

F9E37

Tot Ion:	152	Resp:	1083
Ion Ratio	Lower	Upper	
152	100		
151	26.2	15.9	23.9#
153	20.3	10.7	16.1#

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#12

Phenanthrene

Concen: 0.034 ng/ul m

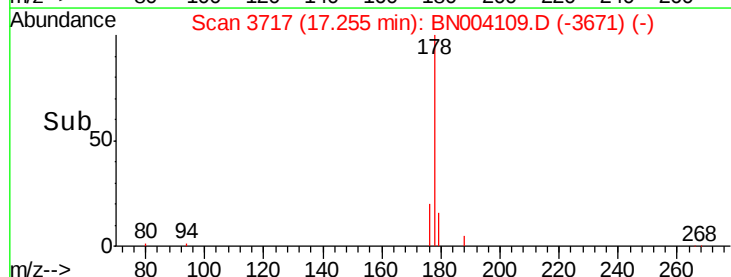
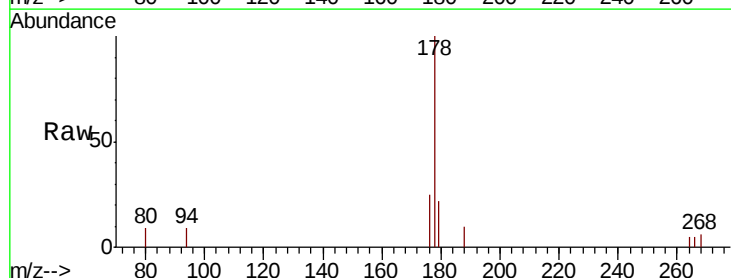
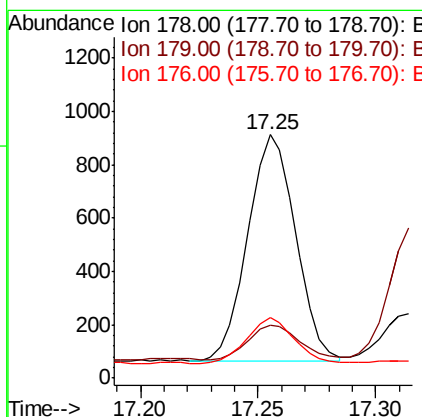
RT: 17.25 min Scan# 3717

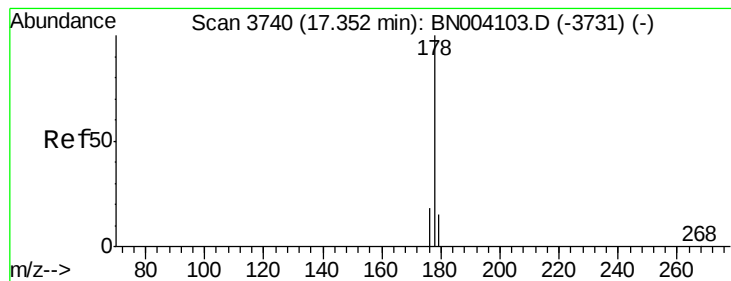
Delta R.T. -0.00 min

Lab File: BN004109.D

Acq: 19 Dec 2018 12:36

Tgt Ion:	178	Resp:	1207
Ion Ratio	Lower	Upper	
178	100		
179	21.8	12.5	18.7#
176	25.0	15.0	22.4#





#13

Anthracene

Concen: 0.041 ng/ul m

RT: 17.35 min Scan# 3739

Delta R.T. -0.00 min

Lab File: BN004109.D

Acq: 19 Dec 2018 12:36

Instrument :

BNA_N

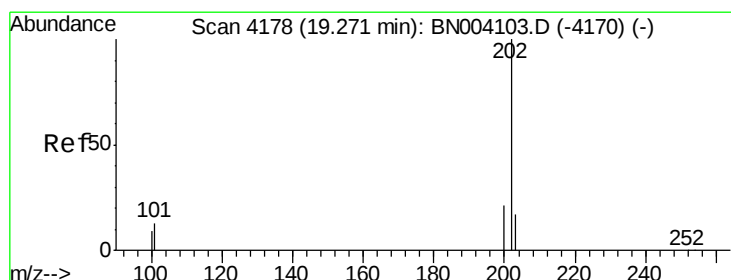
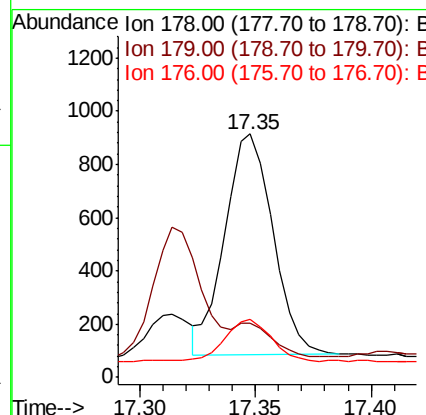
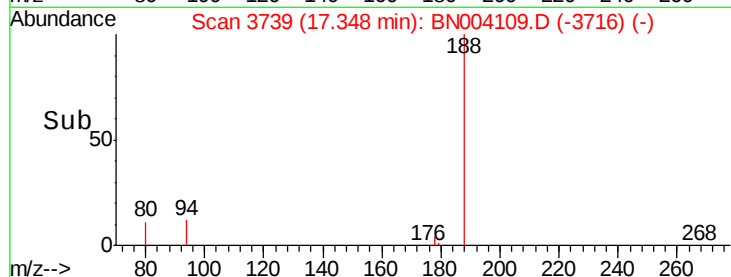
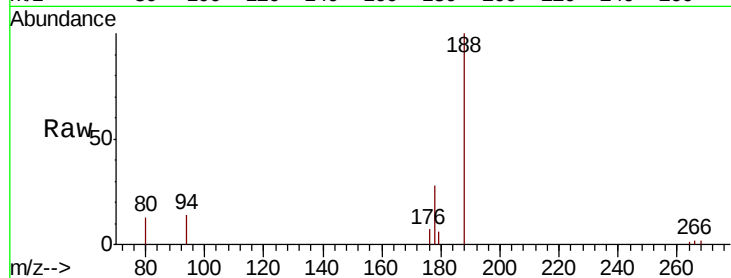
ClientSampleId :

F9E37

Tot Ion:	178	Resp:	1201
Ion Ratio	Lower	Upper	
178	100		
179	22.5	12.3	18.5#
176	23.6	14.8	22.2#

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#15

Fluoranthene

Concen: 0.086 ng/ul m

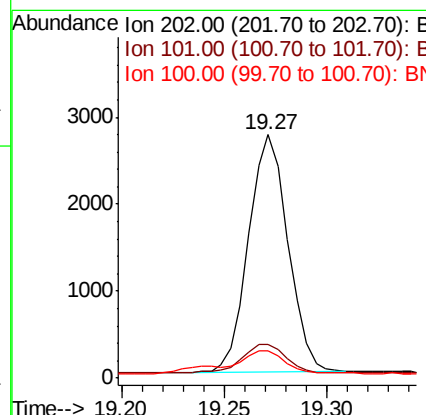
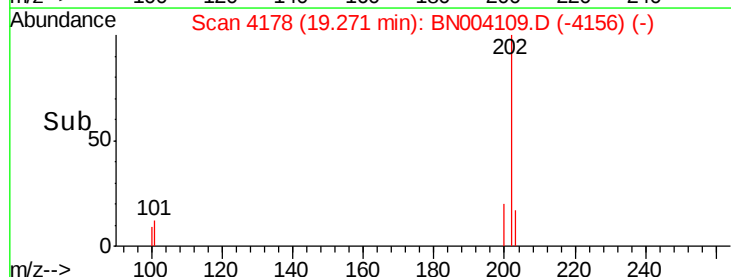
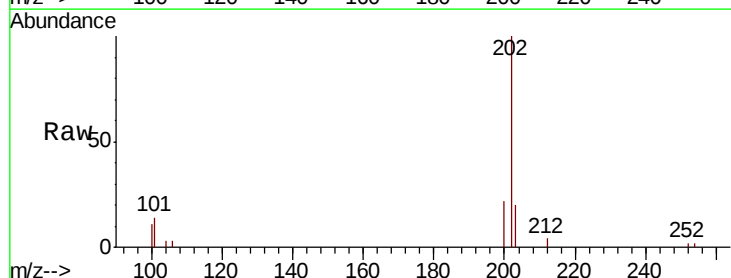
RT: 19.27 min Scan# 4178

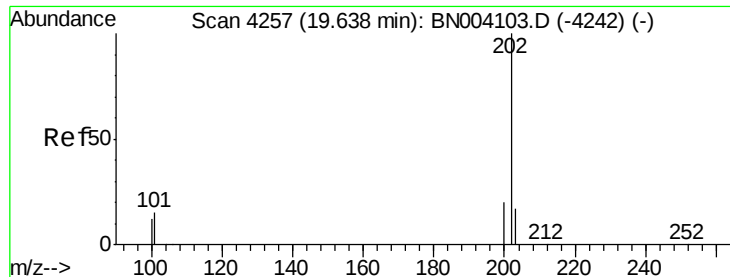
Delta R.T. 0.00 min

Lab File: BN004109.D

Acq: 19 Dec 2018 12:36

Tgt Ion:	202	Resp:	3654
Ion Ratio	Lower	Upper	
202	100		
101	14.0	0.0	30.7
100	11.3	0.0	28.1





#17

Pvrene

Concen: 0.108 ng/ul m

RT: 19.63 min Scan# 4256

Delta R.T. -0.00 min

Lab File: BN004109.D

Acq: 19 Dec 2018 12:36

Instrument :

BNA_N

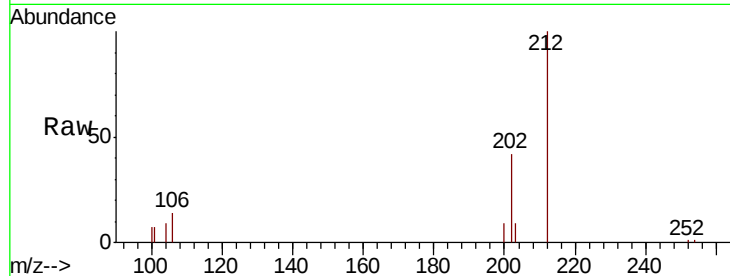
ClientSampleId :

F9E37

Tot Ion:	202	Resp:	4600
Ion Ratio	Lower	Upper	
202	100		
101	16.7	10.3	15.5#
100	15.6	8.5	12.7#

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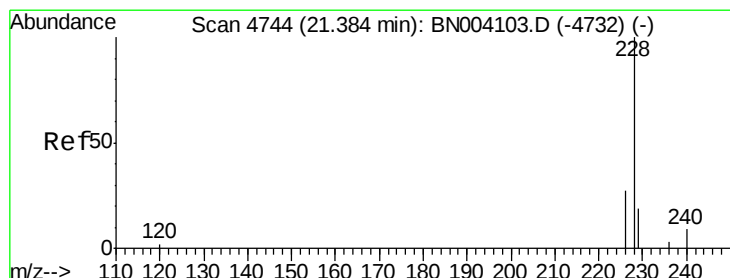
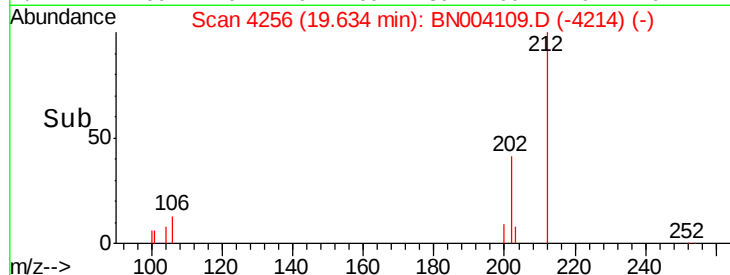
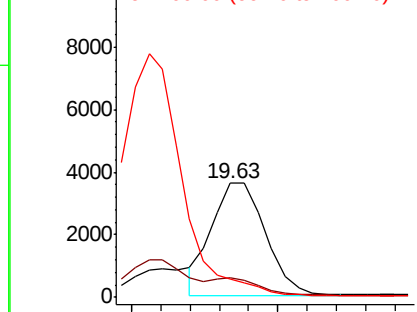


Abundance

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: 0.088 ng/ul

RT: 21.39 min Scan# 4745

Delta R.T. 0.00 min

Lab File: BN004109.D

Acq: 19 Dec 2018 12:36

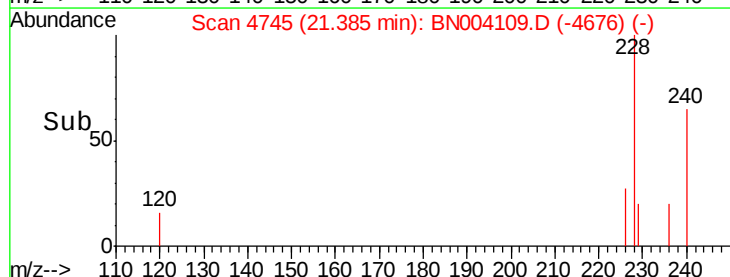
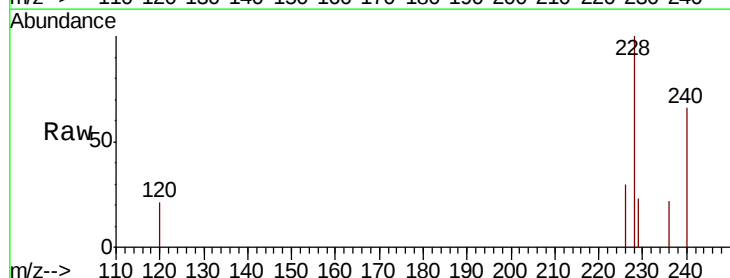
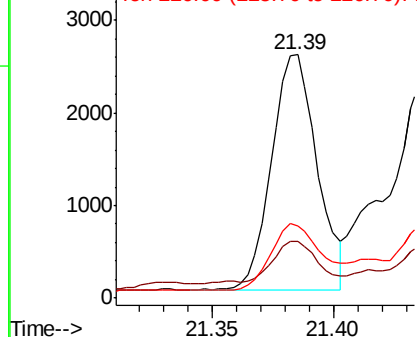
Tgt Ion:	228	Resp:	3298
Ion Ratio	Lower	Upper	
228	100		
229	23.3	15.6	23.4
226	29.8	21.1	31.7

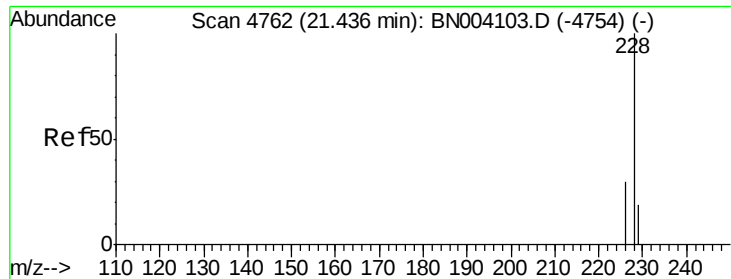
Abundance

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: 0.090 ng/ul m

RT: 21.44 min Scan# 4763

Delta R.T. 0.00 min

Lab File: BN004109.D

Acq: 19 Dec 2018 12:36

Instrument :

BNA_N

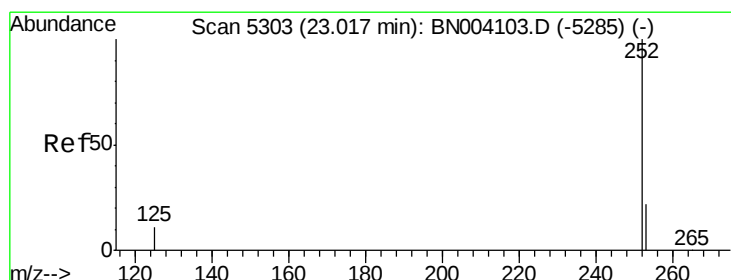
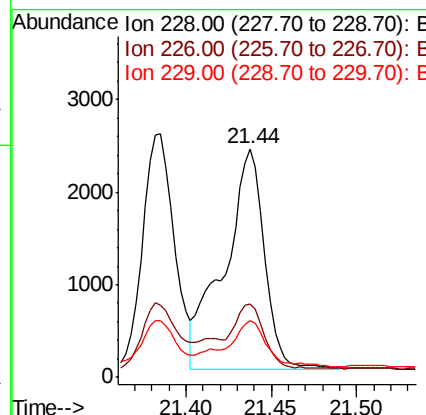
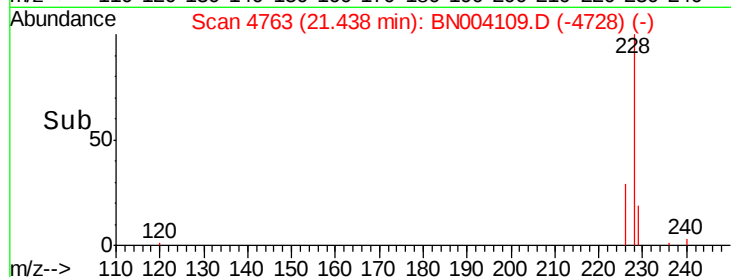
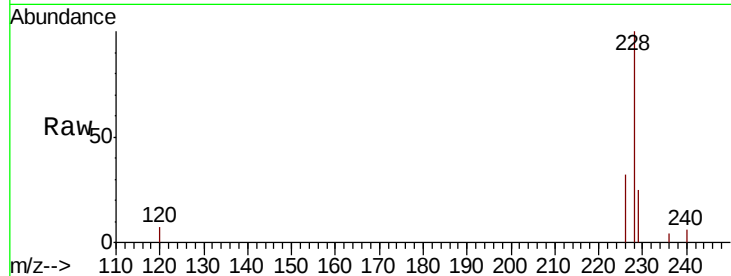
ClientSampleId :

F9E37

Tot Ion:228	Resp:	3879
Ion Ratio	Lower	Upper
228 100		
226 31.9	24.0	36.0
229 24.8	15.7	23.5#

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#21

Benzo(b)fluoranthene

Concen: 0.155 ng/ul m

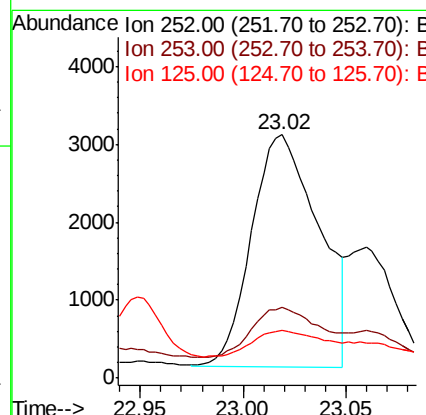
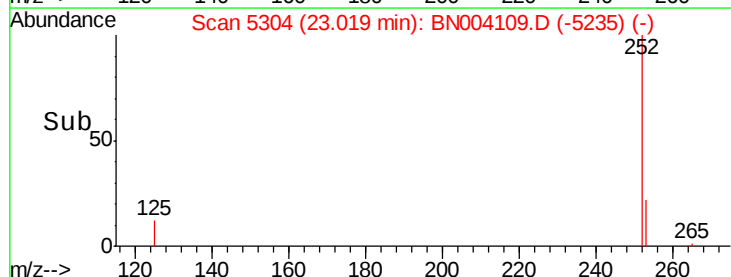
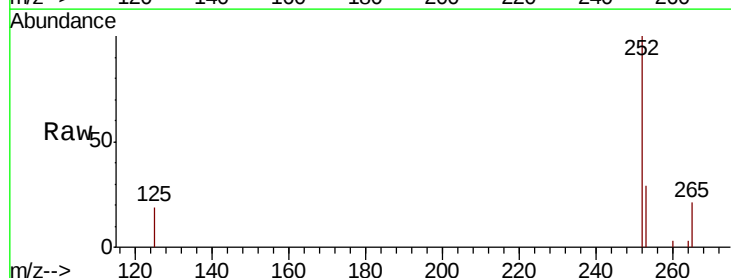
RT: 23.02 min Scan# 5304

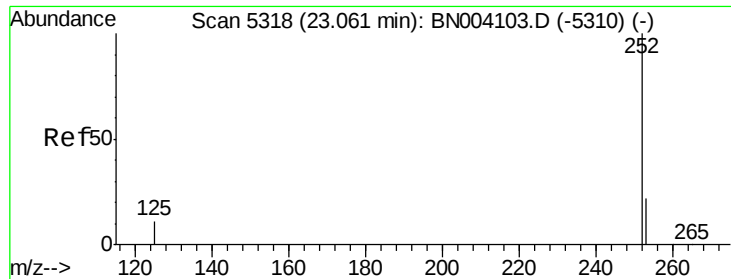
Delta R.T. 0.00 min

Lab File: BN004109.D

Acq: 19 Dec 2018 12:36

Tgt Ion:252	Resp:	6763
Ion Ratio	Lower	Upper
252 100		
253 29.3	0.0	46.0
125 19.4	0.0	22.4





#22

Benzo(k)fluoranthene

Concen: 0.058 ng/ul m

RT: 23.06 min Scan# 5318

Delta R.T. -0.00 min

Lab File: BN004109.D

Acq: 19 Dec 2018 12:36

Instrument :

BNA_N

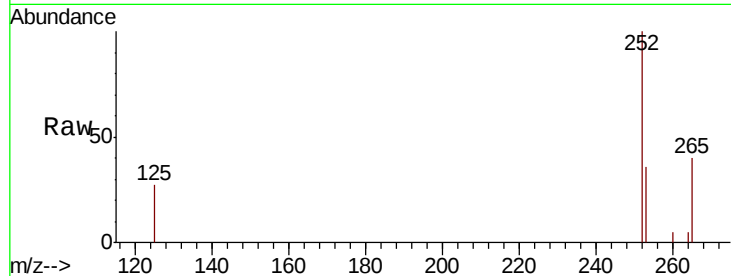
ClientSampleId :

F9E37

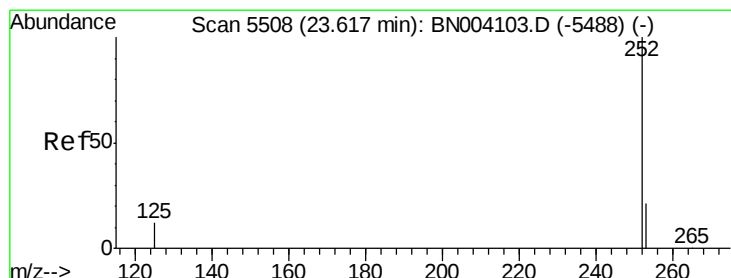
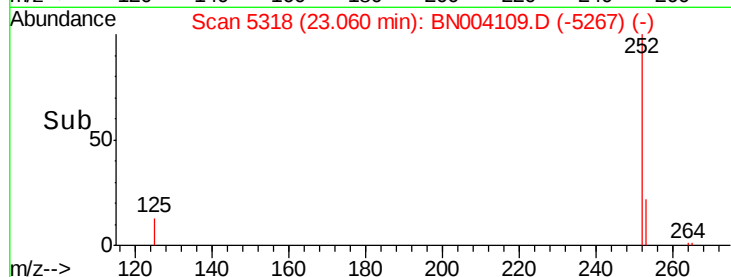
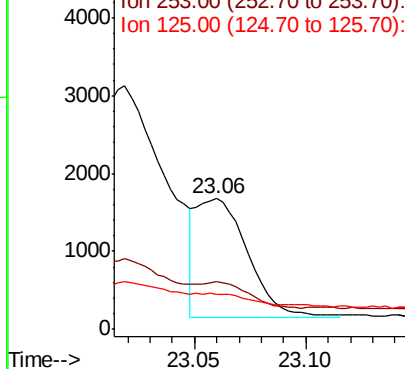
Tot Ion:	252	Resp:	2449
Ion Ratio	Lower	Upper	
252	100		
253	36.1	18.5	27.7#
125	27.2	9.0	13.6#

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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: 0.070 ng/ul

RT: 23.62 min Scan# 5509

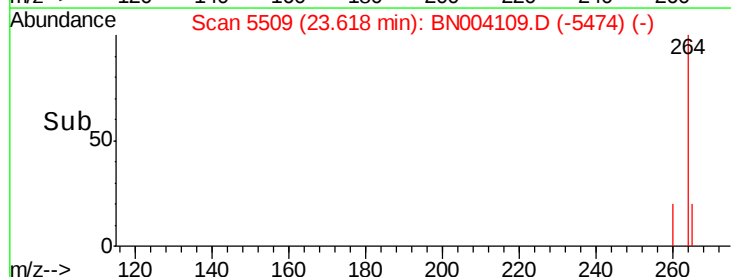
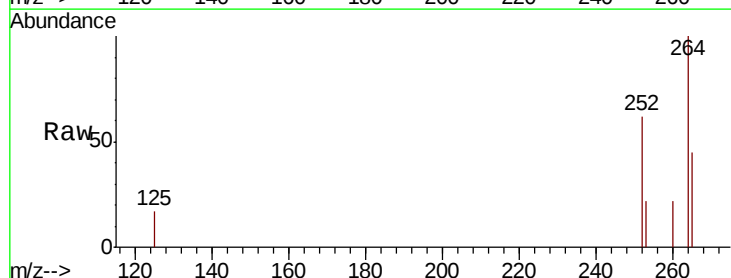
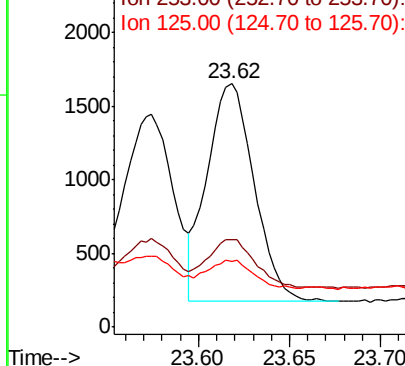
Delta R.T. 0.00 min

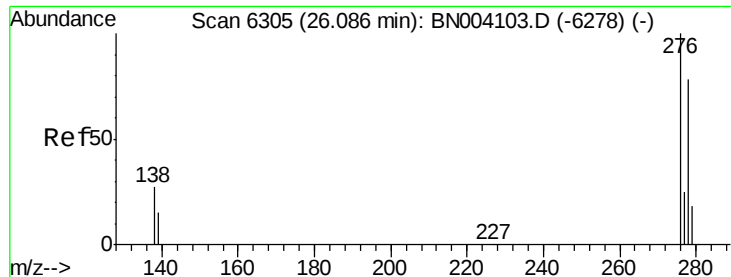
Lab File: BN004109.D

Acq: 19 Dec 2018 12:36

Tgt Ion:	252	Resp:	2656
Ion Ratio	Lower	Upper	
252	100		
253	36.0	19.0	28.4#
125	26.7	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





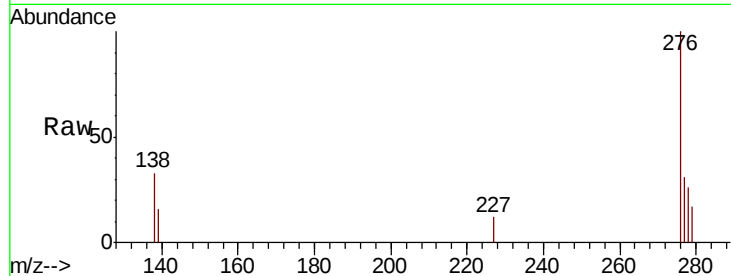
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.067 ng/uL
RT: 26.08 min Scan# 6305
Delta R.T. -0.00 min
Lab File: BN004109.D
Acq: 19 Dec 2018 12:36

Instrument :
BNA_N
ClientSampled :
F9E37

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.0	20.3	30.5
227	0.0	0.2	0.2

Manual Integrations
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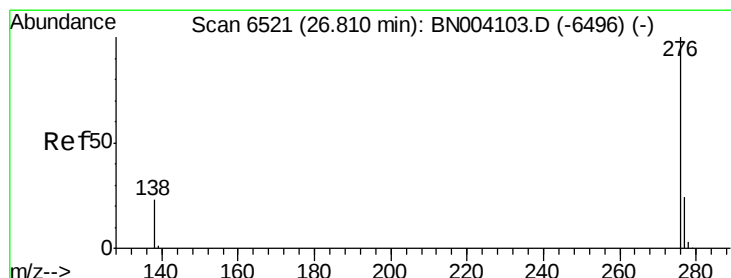
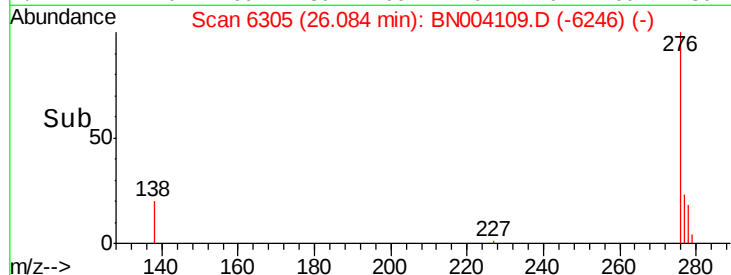
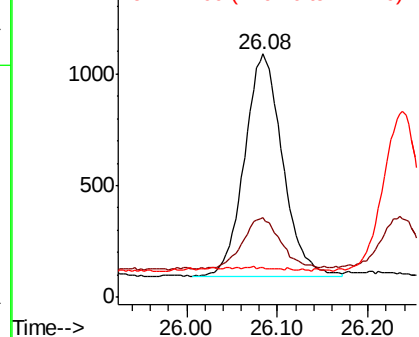


Abundance

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



#26
Benzo(g,h,i)perylene
Concen: 0.062 ng/uL
RT: 26.81 min Scan# 6523
Delta R.T. 0.01 min
Lab File: BN004109.D
Acq: 19 Dec 2018 12:36

Tgt Ion	Ratio	Lower	Upper
276	100		
138	35.2	17.7	26.5
277	33.2	19.3	28.9

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

