

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121718\
 Data File : BN004065.D
 Acq On : 18 Dec 2018 08:29
 Operator : JU/SJ
 Sample : J6270-13
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9E12

Manual Integrations
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Quant Time: Dec 18 11:18:45 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 : 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	7.83	152	1988	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	9896	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	5977	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	14948m	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	16271m	0.40	ng/ul	0.00
20) Perylene-d12	23.73	264	16957	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	4124	0.27	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	13020m	0.30	ng/ul	0.00
Target Compounds				Qvalue		
7) Acenaphthylene	14.19	152	13235	0.492	ng/ul	99
12) Phenanthrene	17.26	178	5224m	0.106	ng/ul	
13) Anthracene	17.35	178	12065m	0.299	ng/ul	
15) Fluoranthene	19.28	202	60383m	1.042	ng/ul	
17) Pyrene	19.64	202	65594	1.124	ng/ul	99
18) Benzo(a)anthracene	21.39	228	47838	0.931	ng/ul	97
19) Chrysene	21.44	228	50607	0.860	ng/ul	97
21) Benzo(b)fluoranthene	23.02	252	93832m	1.338	ng/ul	
22) Benzo(k)fluoranthene	23.07	252	30500m	0.446	ng/ul	
23) Benzo(a)pyrene	23.63	252	44016	0.725	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	26.09	276	39433	0.566	ng/ul#	94
25) Dibenzo(a,h)anthracene	26.09	278	10974	0.196	ng/ul#	69
26) Benzo(g,h,i)perylene	26.82	276	36408	0.601	ng/ul	94

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

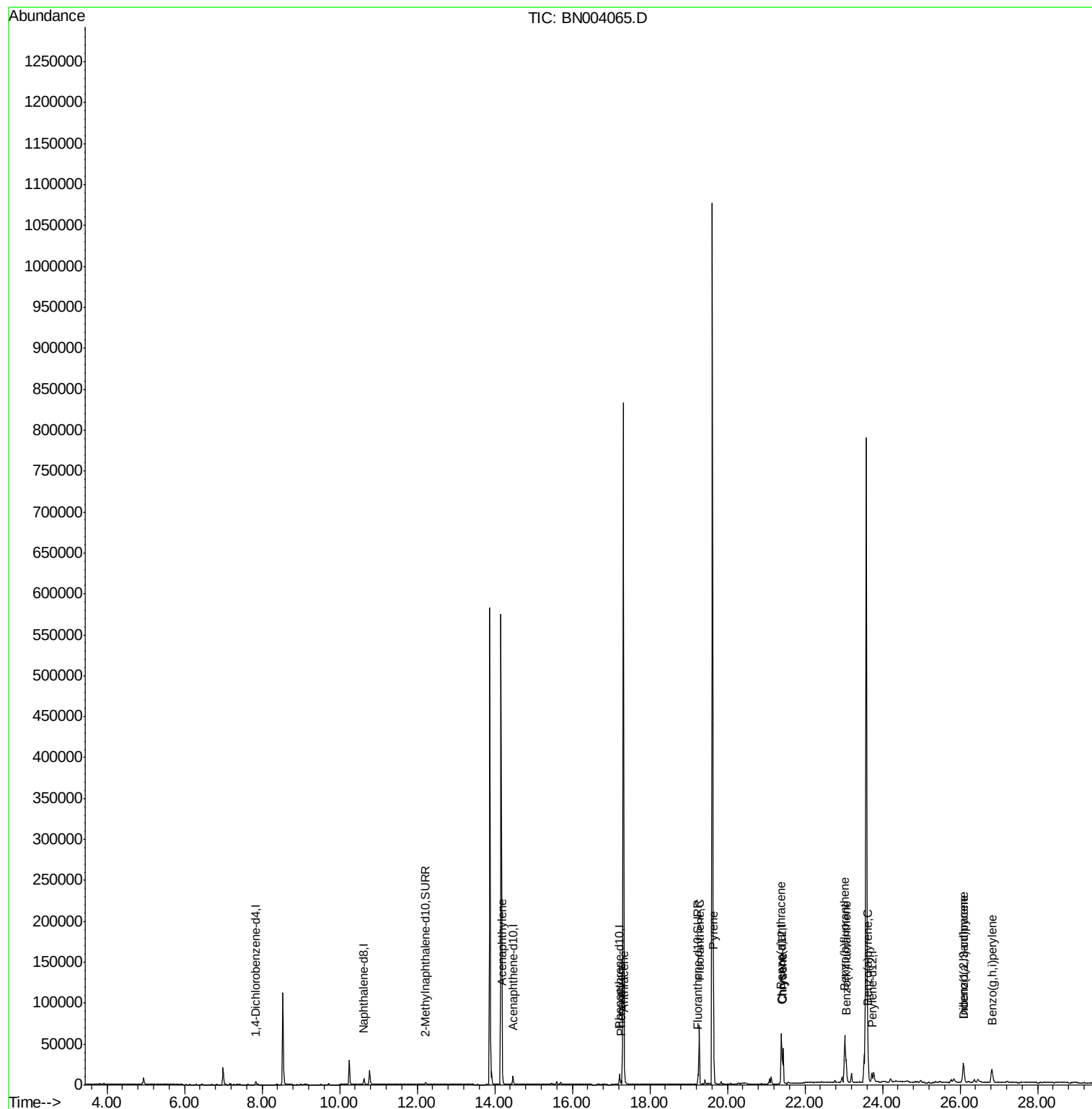
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121718\
Data File : BN004065.D
Acq On : 18 Dec 2018 08:29
Operator : JU/SJ
Sample : J6270-13
Misc :
ALS Vial : 32 Sample Multiplier: 1

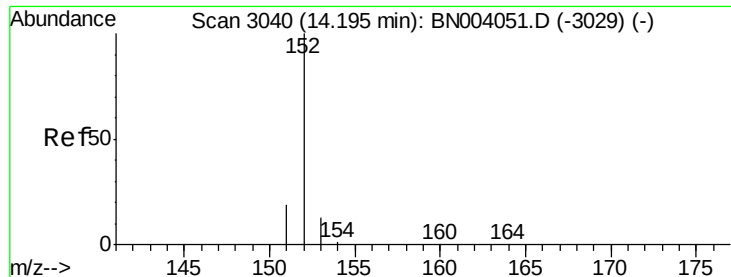
Instrument :
BNA_N
ClientSampled :
F9E12

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Quant Time: Dec 18 11:18:45 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 : Tue Dec 18 06:35:27 2018
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.492 ng/ul

RT: 14.19 min Scan# 3040

Delta R.T. 0.00 min

Lab File: BN004065.D

Acq: 18 Dec 2018 08:29

Instrument :

BNA_N

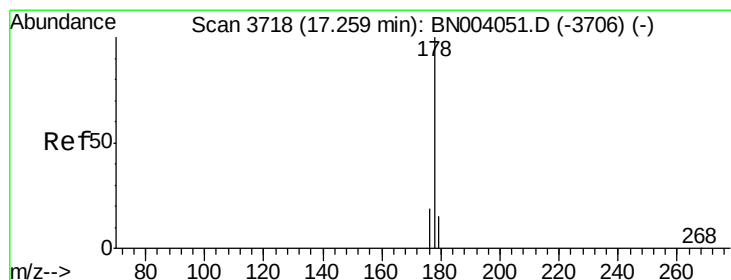
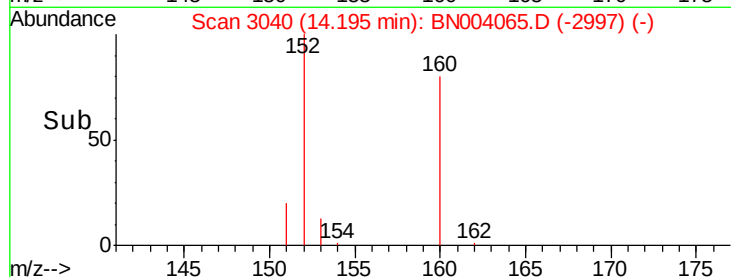
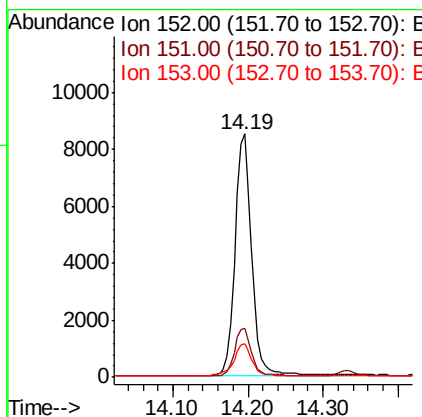
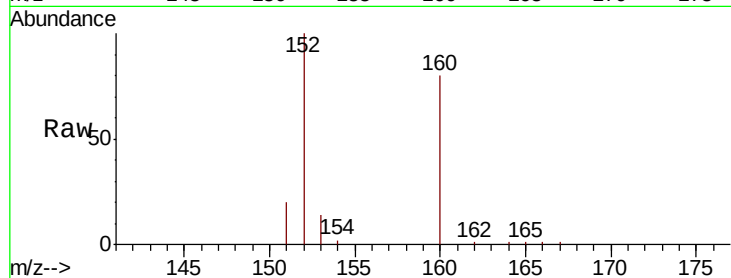
ClientSampleId :

F9E12

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.9	23.9
153	13.7	10.7	16.1

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#12

Phenanthrene

Concen: 0.106 ng/ul m

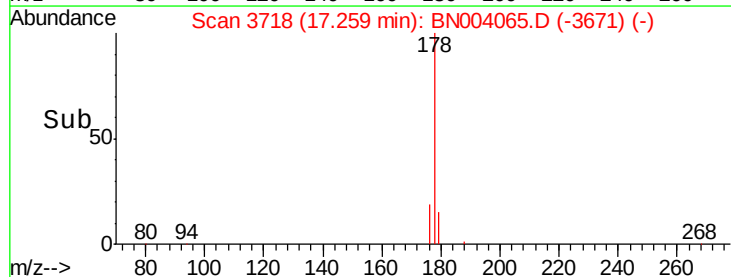
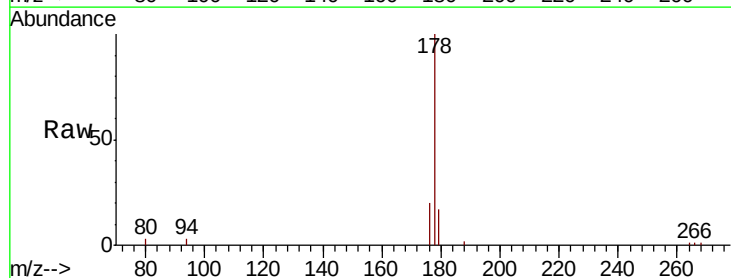
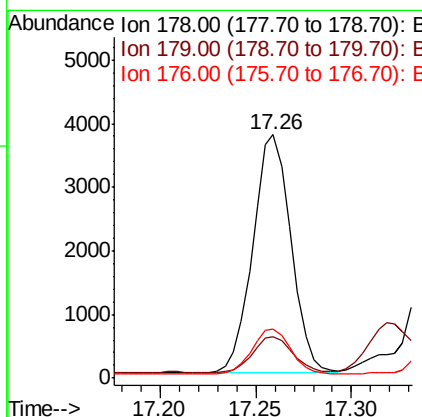
RT: 17.26 min Scan# 3718

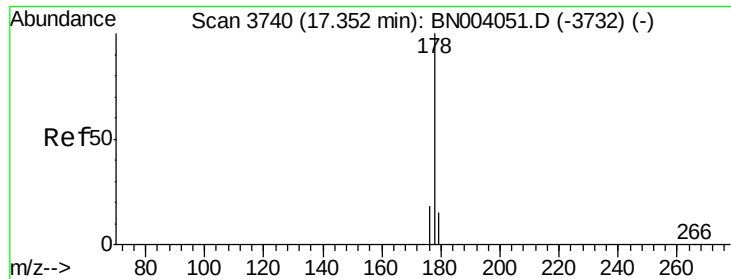
Delta R.T. 0.00 min

Lab File: BN004065.D

Acq: 18 Dec 2018 08:29

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.2	12.5	18.7
176	20.3	15.0	22.4





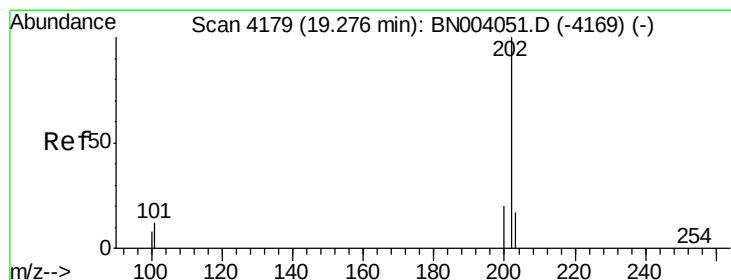
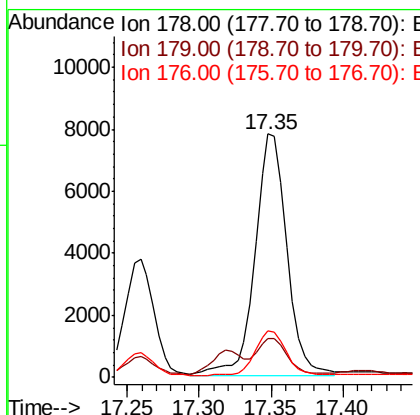
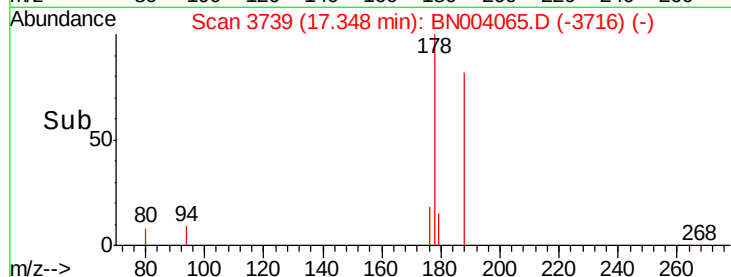
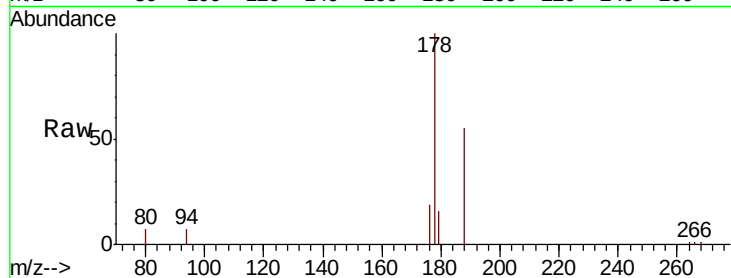
#13
 Anthracene
 Concen: 0.299 ng/ul m
 RT: 17.35 min Scan# 3739
 Delta R.T. -0.00 min
 Lab File: BN004065.D
 Acq: 18 Dec 2018 08:29

Instrument :
 BNA_N
 ClientSampleId :
 F9E12

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.3	18.5
176	19.0	14.8	22.2

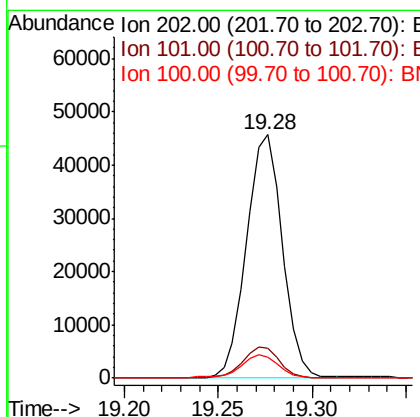
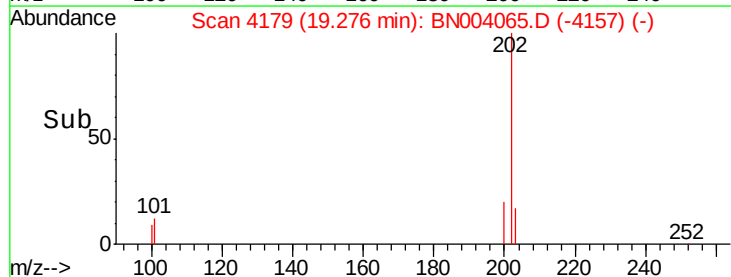
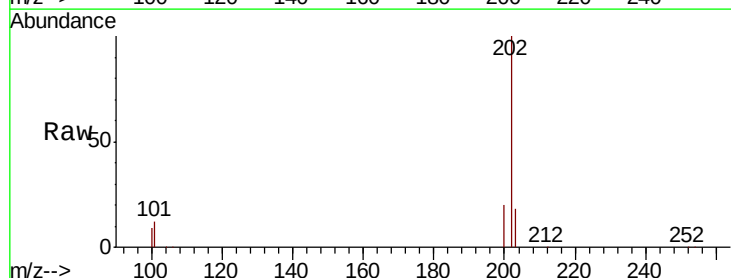
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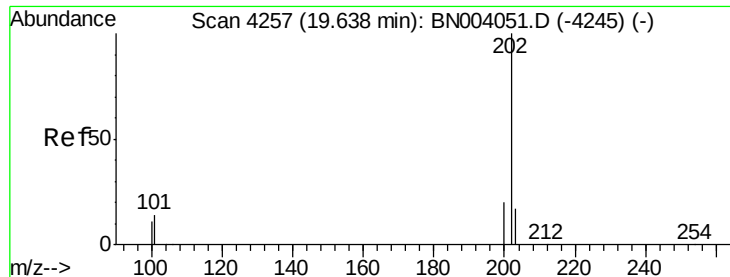
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#15
 Fluoranthene
 Concen: 1.042 ng/ul m
 RT: 19.28 min Scan# 4179
 Delta R.T. 0.00 min
 Lab File: BN004065.D
 Acq: 18 Dec 2018 08:29

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	30.7
100	8.8	0.0	28.1





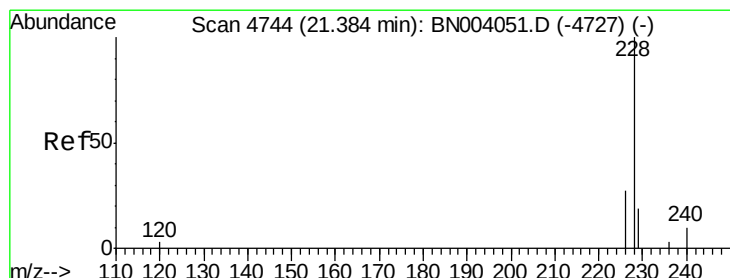
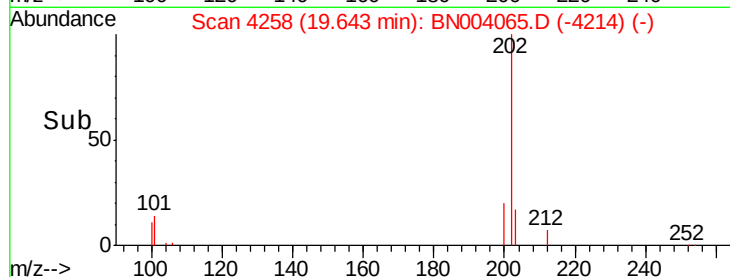
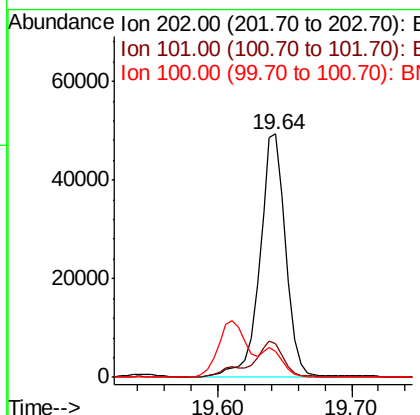
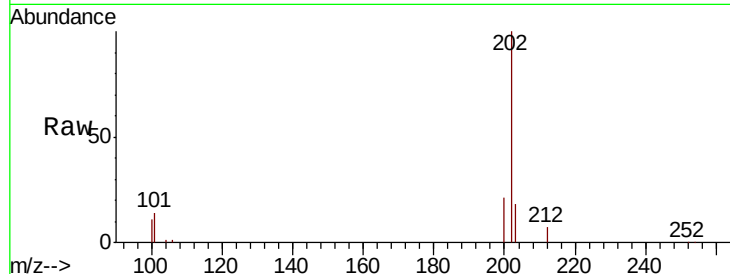
#17
Pyrene
Concen: 1.124 ng/ul
RT: 19.64 min Scan# 4258
Delta R.T. 0.00 min
Lab File: BN004065.D
Acq: 18 Dec 2018 08:29

Instrument :
BNA_N
ClientSampled :
F9E12

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.8	10.3	15.5
100	10.8	8.5	12.7

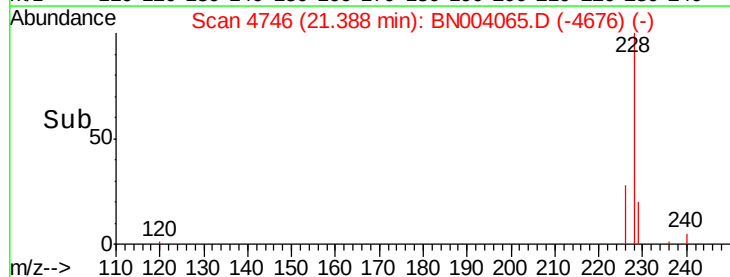
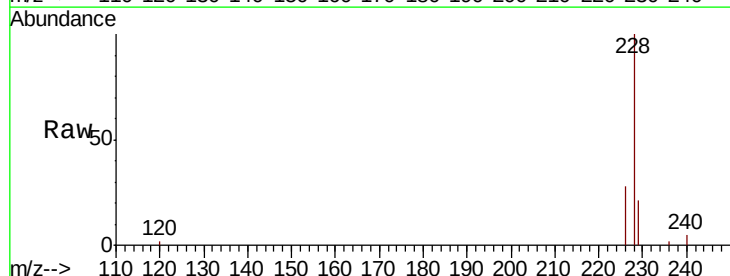
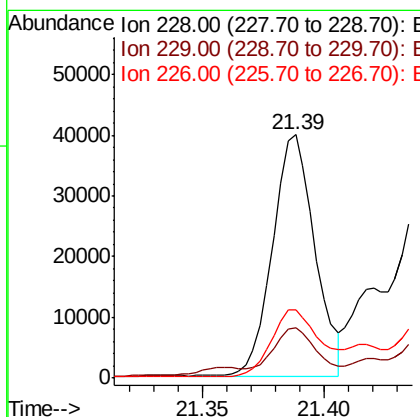
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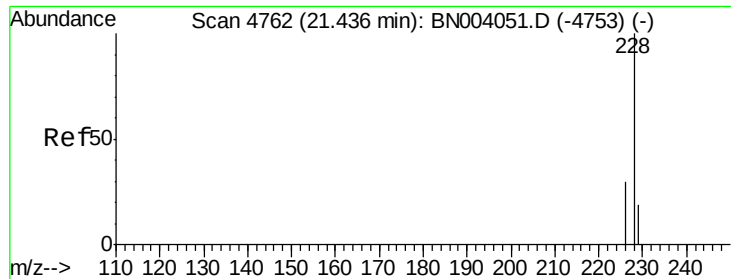
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#18
Benzo(a)anthracene
Concen: 0.931 ng/ul
RT: 21.39 min Scan# 4746
Delta R.T. 0.00 min
Lab File: BN004065.D
Acq: 18 Dec 2018 08:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.8	15.6	23.4
226	28.2	21.1	31.7





#19

Chrysene

Concen: 0.860 ng/ul

RT: 21.44 min Scan# 4763

Delta R.T. 0.00 min

Lab File: BN004065.D

Acq: 18 Dec 2018 08:29

Instrument :

BNA_N

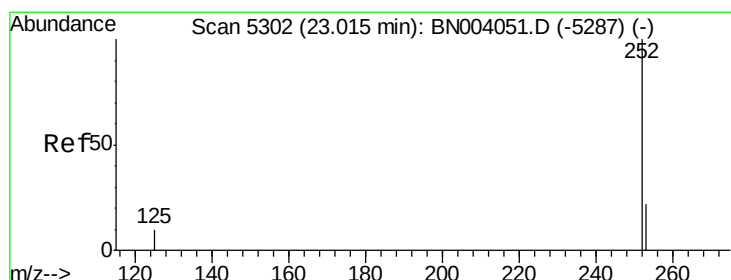
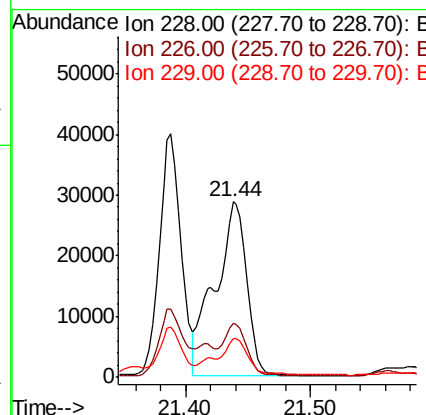
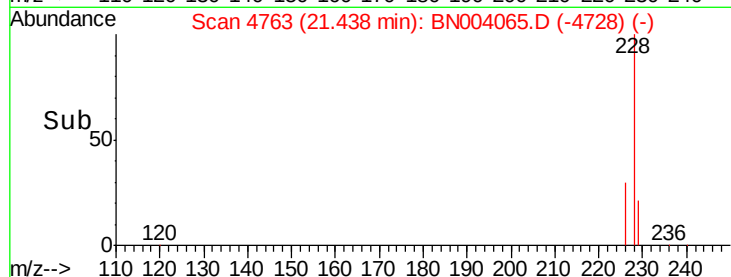
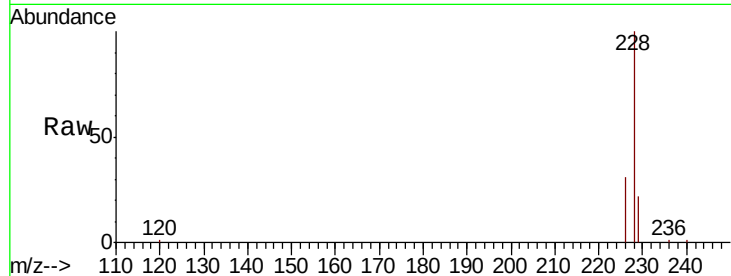
ClientSampled :

F9E12

Tgt Ion:	228	Resp:	50607
Ion Ratio	Lower	Upper	
228	100		
226	30.9	24.0	36.0
229	22.0	15.7	23.5

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#21

Benzo(b)fluoranthene

Concen: 1.338 ng/ul m

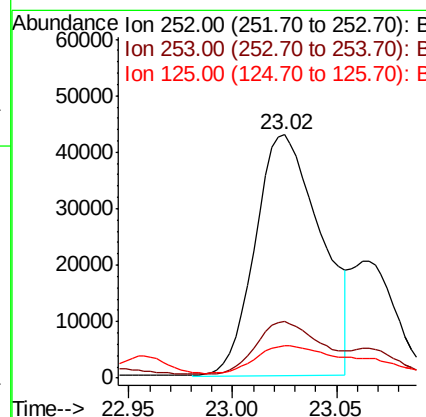
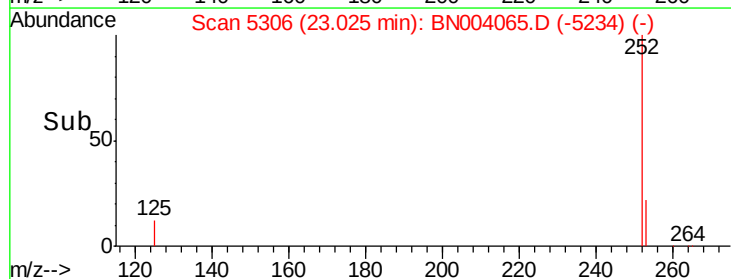
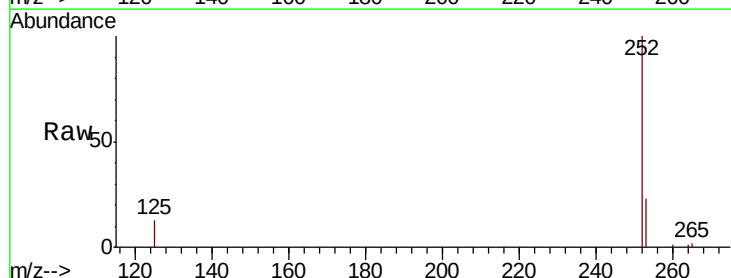
RT: 23.02 min Scan# 5306

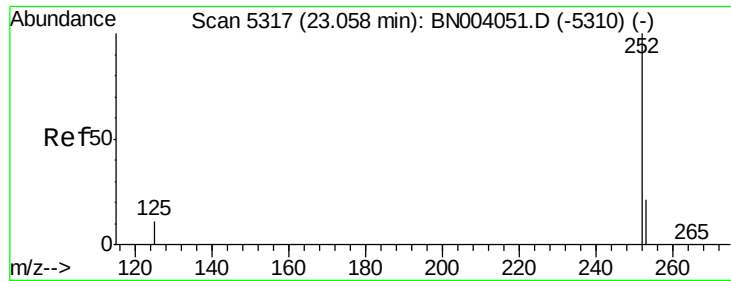
Delta R.T. 0.01 min

Lab File: BN004065.D

Acq: 18 Dec 2018 08:29

Tgt Ion:	252	Resp:	93832
Ion Ratio	Lower	Upper	
252	100		
253	23.2	0.0	46.0
125	13.4	0.0	22.4





#22

Benzo(k)fluoranthene

Concen: 0.446 ng/ul m

RT: 23.07 min Scan# 5320

Delta R.T. 0.01 min

Lab File: BN004065.D

Acq: 18 Dec 2018 08:29

Instrument :

BNA_N

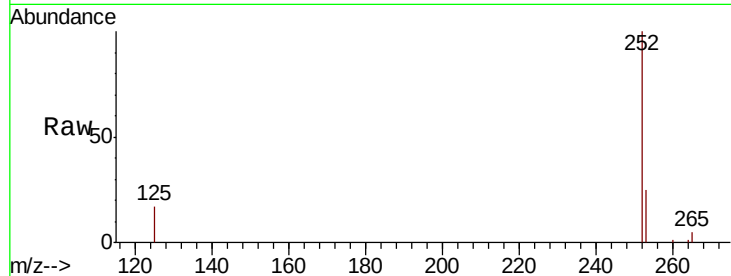
ClientSampleId :

F9E12

Tgt Ion:	252	Resp:	30500
Ion Ratio	Lower	Upper	
252	100		
253	25.2	18.5	27.7
125	17.0	9.0	13.6#

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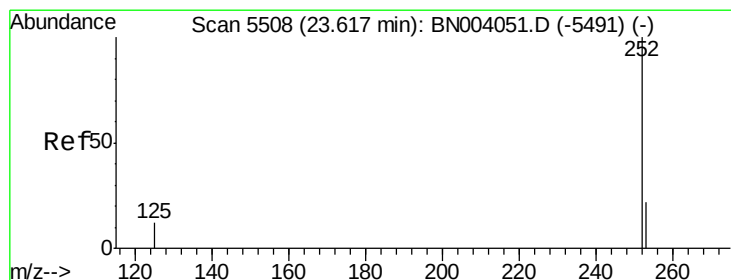
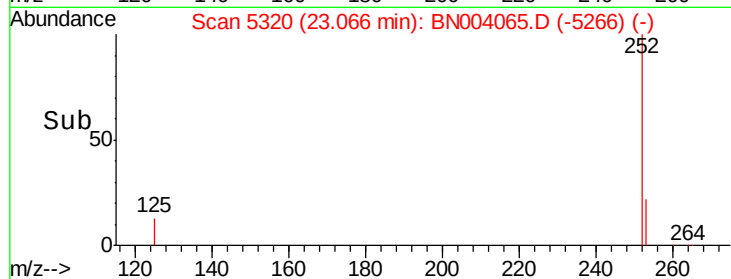
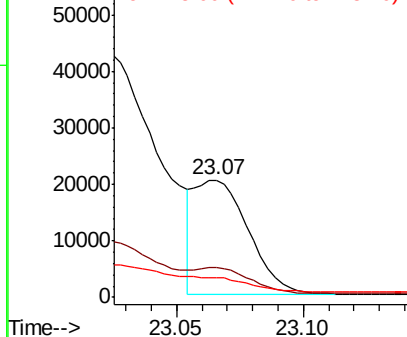


Abundance

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: 0.725 ng/ul

RT: 23.63 min Scan# 5512

Delta R.T. 0.01 min

Lab File: BN004065.D

Acq: 18 Dec 2018 08:29

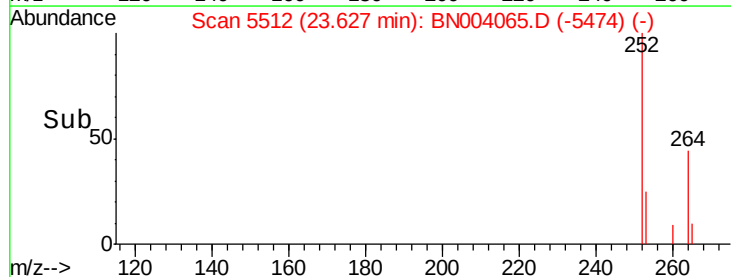
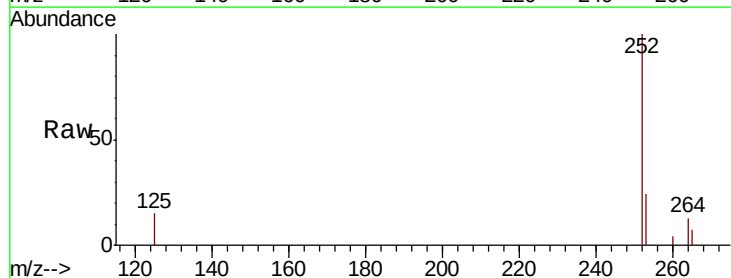
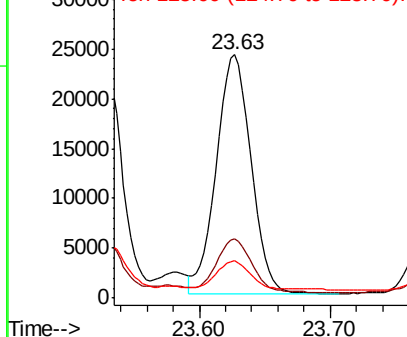
Tgt Ion:	252	Resp:	44016
Ion Ratio	Lower	Upper	
252	100		
253	24.3	19.0	28.4
125	15.3	10.2	15.4

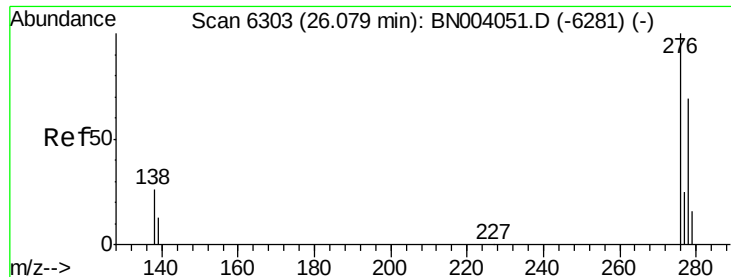
Abundance

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: 0.566 ng/ul

RT: 26.09 min Scan# 6306

Delta R.T. 0.01 min

Lab File: BN004065.D

Acq: 18 Dec 2018 08:29

Instrument :

BNA_N

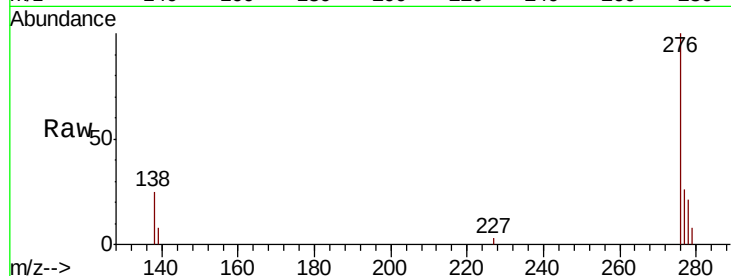
ClientSampleId :

F9E12

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.4	20.3	30.5
227	0.0	0.2	0.2

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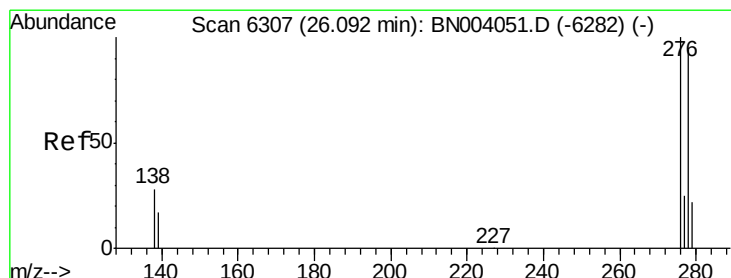
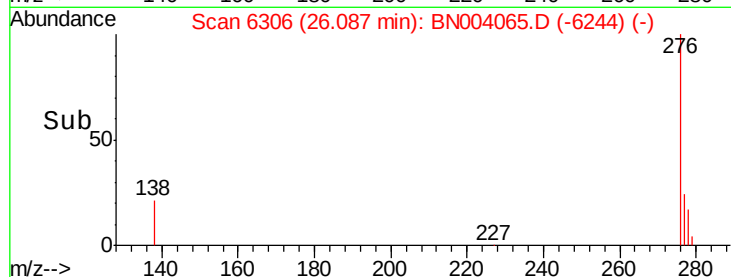
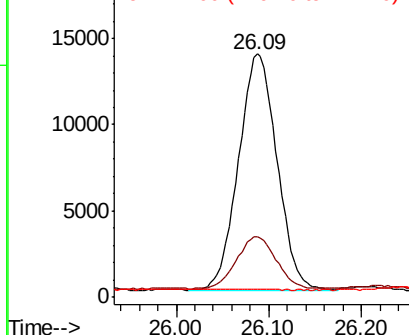


Abundance

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: 0.196 ng/ul

RT: 26.09 min Scan# 6306

Delta R.T. -0.00 min

Lab File: BN004065.D

Acq: 18 Dec 2018 08:29

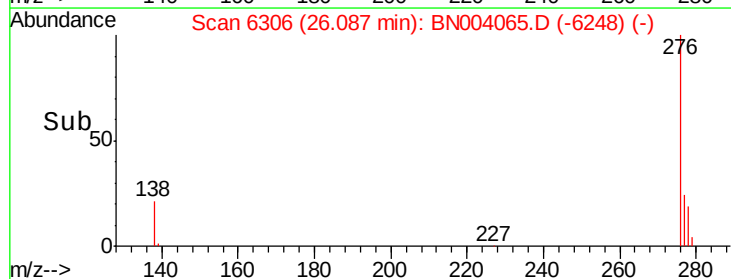
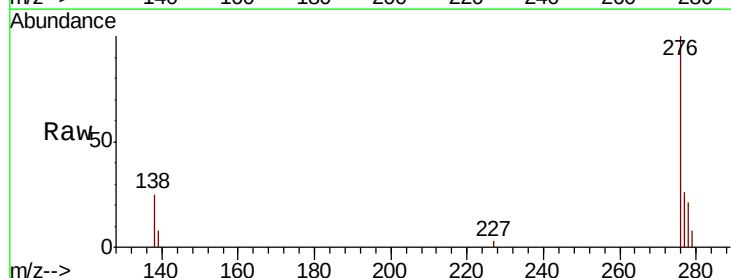
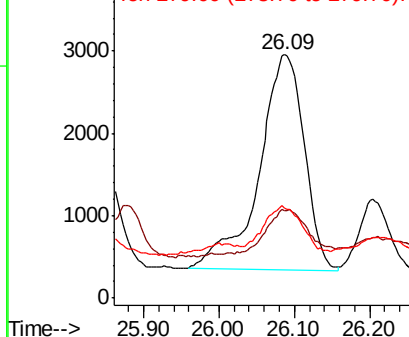
Tgt Ion	Ratio	Lower	Upper
278	100		
139	36.1	14.2	21.4
279	36.8	19.8	29.6

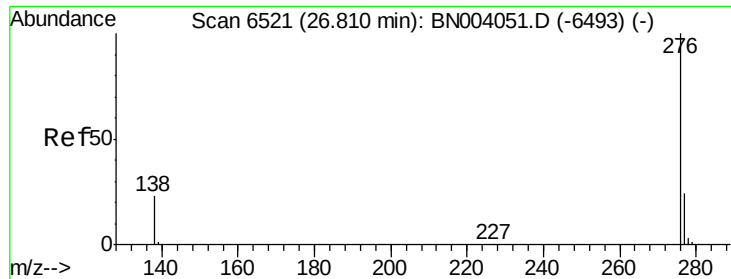
Abundance

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: 0.601 ng/ul
 RT: 26.82 min Scan# 6525
 Delta R.T. 0.01 min
 Lab File: BN004065.D
 Acq: 18 Dec 2018 08:29

Instrument :
 BNA_N
 ClientSampleId :
 F9E12

Tgt Ion:	276	Resp:	36408
Ion Ratio	Lower	Upper	
276	100		
138	26.0	17.7	26.5
277	26.2	19.3	28.9

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