

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121718\
 Data File : BN004036.D
 Acq On : 17 Dec 2018 15:28
 Operator : JU/SJ
 Sample : J6228-19DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9E58DL

Manual Integrations
 APPROVED

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 12/18/2018 5:55:53 PM

Quant Time: Dec 18 04:44:56 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 04:29:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1292	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	6730	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	4100	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	10412	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	12541	0.40	ng/ul	0.00
20) Perylene-d12	23.73	264	12177	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	587	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	1870	0.06	ng/ul	0.00
Target Compounds				Qvalue		
5) 2-Methylnaphthalene	12.29	142	586	0.044	ng/ul	98
12) Phenanthrene	17.26	178	14596	0.427	ng/ul	99
13) Anthracene	17.35	178	945	0.034	ng/ul#	82
15) Fluoranthene	19.28	202	3235	0.080	ng/ul	90
17) Pyrene	19.64	202	15358	0.341	ng/ul	95
18) Benzo(a)anthracene	21.39	228	8266	0.209	ng/ul#	89
19) Chrysene	21.44	228	14801	0.327	ng/ul#	95
21) Benzo(b)fluoranthene	23.02	252	4677m	0.093	ng/ul	
23) Benzo(a)pyrene	23.62	252	5926	0.136	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	26.08	276	3357	0.067	ng/ul#	97
25) Dibenzo(a,h)anthracene	26.09	278	2550	0.063	ng/ul#	31
26) Benzo(g,h,i)perylene	26.82	276	7062	0.162	ng/ul#	85

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

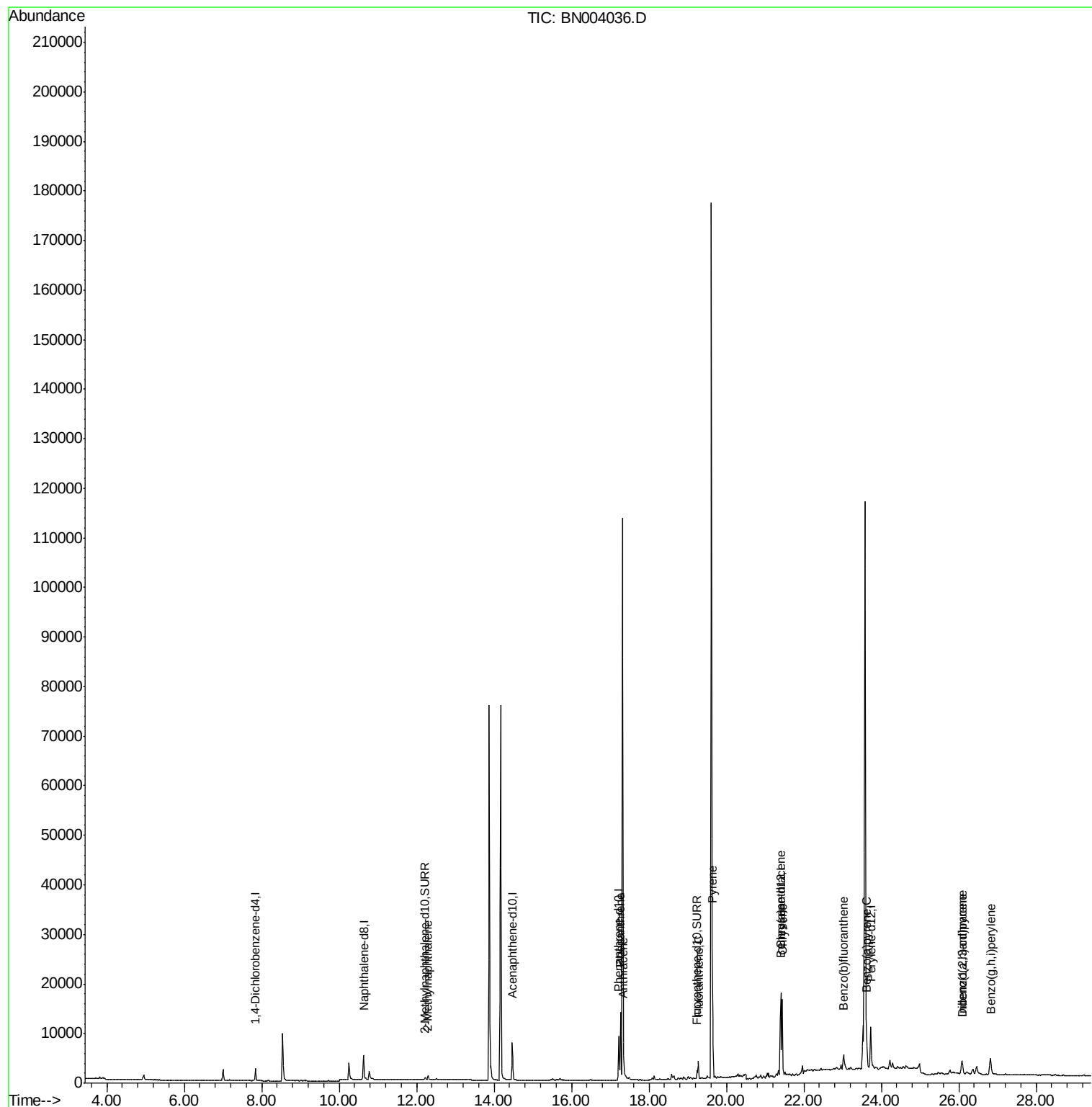
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121718\
Data File : BN004036.D
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Misc :
ALS Vial : 4 Sample Multiplier: 1

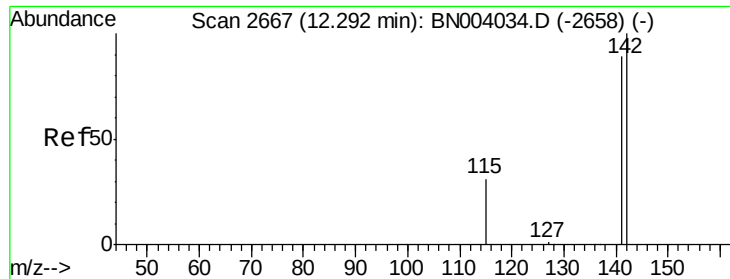
Instrument :
BNA_N
ClientSampleId :
F9E58DL

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QLast Update : Tue Dec 18 04:29:07 2018
Response via : Initial Calibration





#5

2-Methylnaphthalene

Concen: 0.044 ng/ul

RT: 12.29 min Scan# 2667

Delta R.T. 0.00 min

Lab File: BN004036.D

Acq: 17 Dec 2018 15:28

Instrument :

BNA_N

ClientSampled :

F9E58DL

Tgt Ion:142 Resp: 586

Ion Ratio Lower Upper

142 100

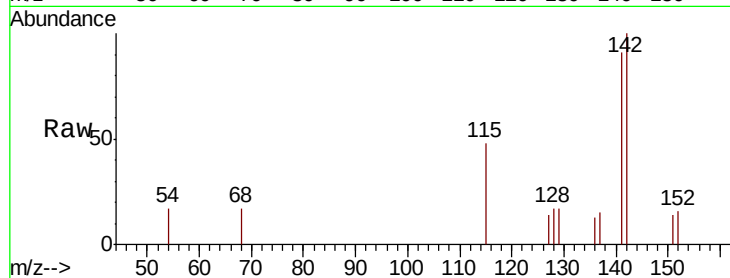
141 91.0 71.5 107.3

Manual Integrations

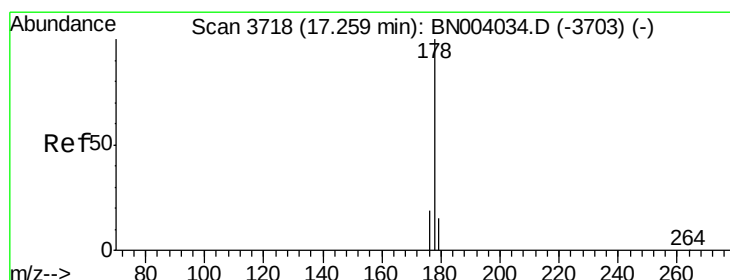
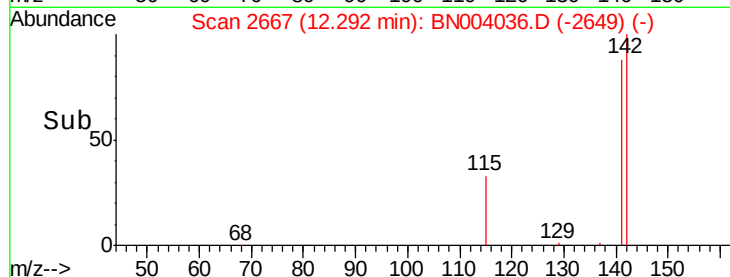
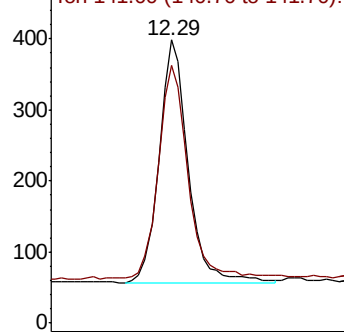
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Abundance Ion 142.00 (141.70 to 142.70): E



#12

Phenanthrene

Concen: 0.427 ng/ul

RT: 17.26 min Scan# 3718

Delta R.T. 0.00 min

Lab File: BN004036.D

Acq: 17 Dec 2018 15:28

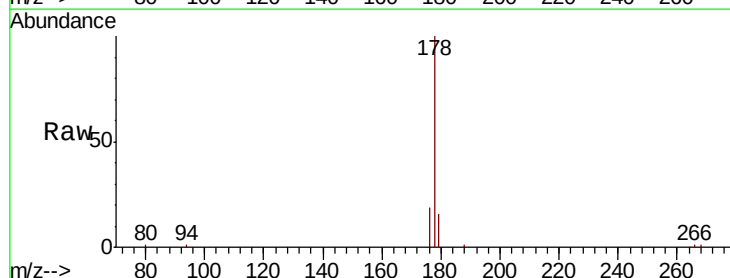
Tgt Ion:178 Resp: 14596

Ion Ratio Lower Upper

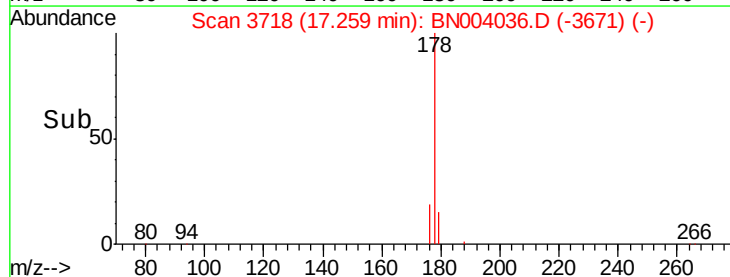
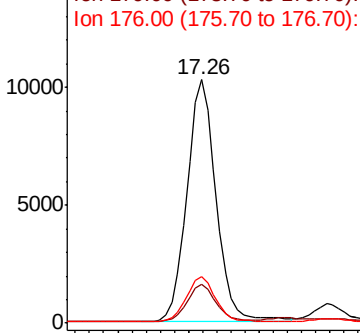
178 100

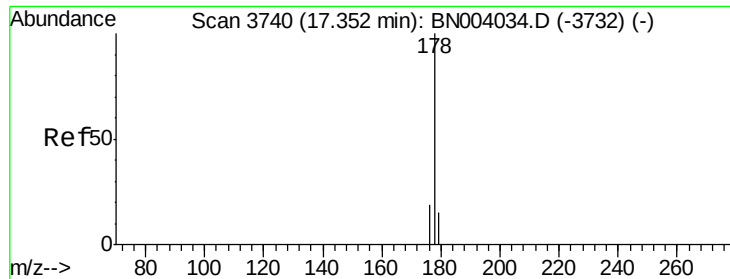
179 15.8 12.5 18.7

176 19.2 15.0 22.4



Abundance Ion 178.00 (177.70 to 178.70): E





#13

Anthracene

Concen: 0.034 ng/ul

RT: 17.35 min Scan# 3739

Delta R.T. -0.00 min

Lab File: BN004036.D

Acq: 17 Dec 2018 15:28

Instrument :

BNA_N

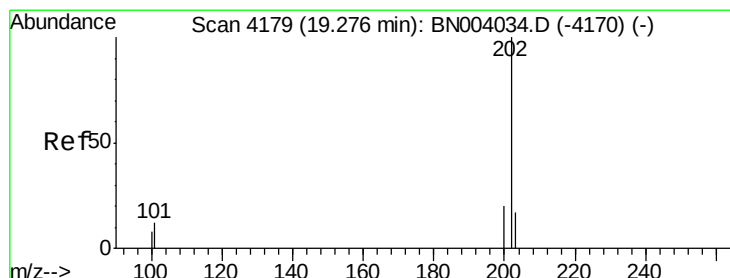
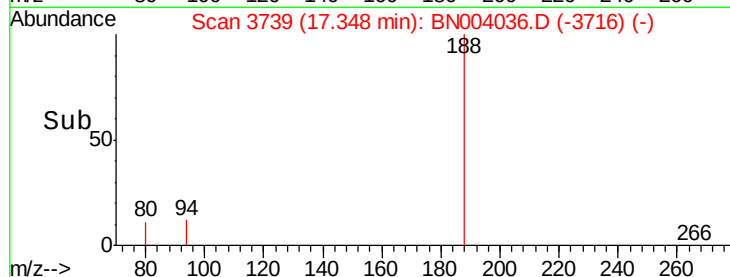
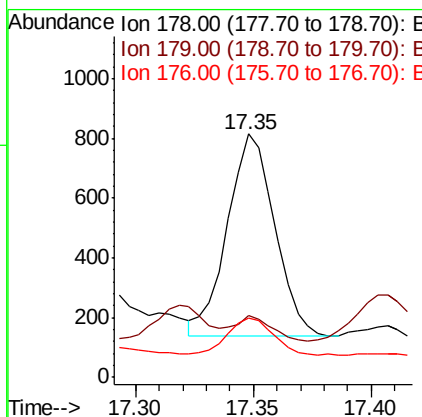
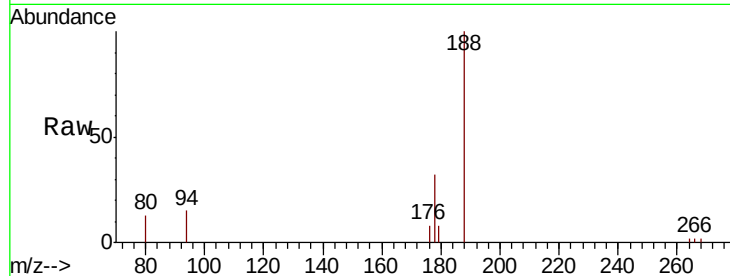
ClientSampled :

F9E58DL

Tgt Ion:	178	Resp:	945
Ion Ratio	Lower	Upper	
178	100		
179	25.3	12.3	18.5#
176	24.5	14.8	22.2#

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#15

Fluoranthene

Concen: 0.080 ng/ul

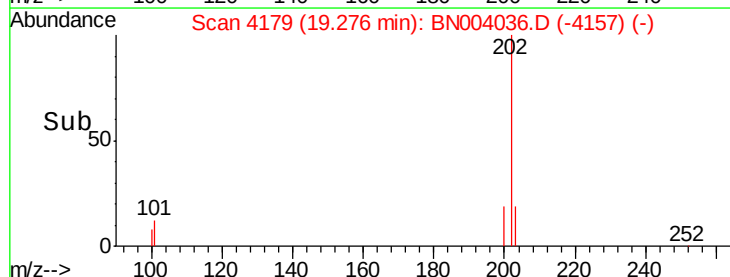
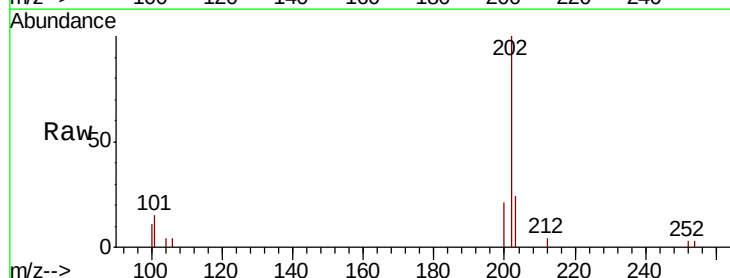
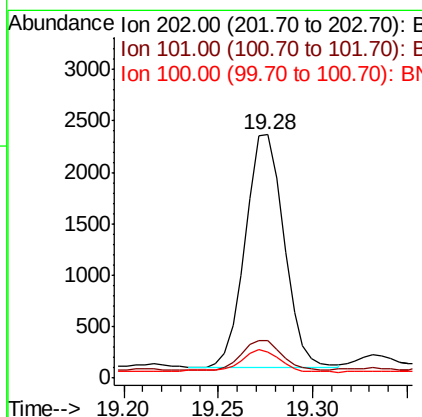
RT: 19.28 min Scan# 4179

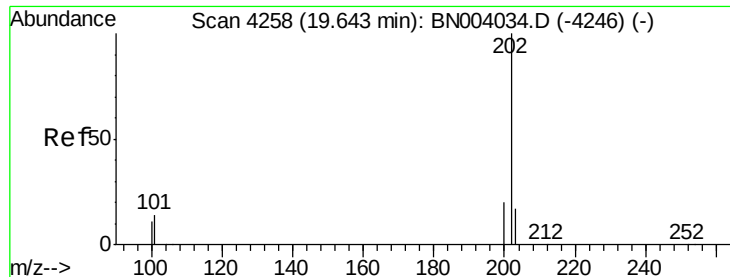
Delta R.T. 0.00 min

Lab File: BN004036.D

Acq: 17 Dec 2018 15:28

Tgt Ion:	202	Resp:	3235
Ion Ratio	Lower	Upper	
202	100		
101	15.2	0.0	30.7
100	10.6	0.0	28.1





#17

Pyrene

Concen: 0.341 ng/ul

RT: 19.64 min Scan# 4257

Delta R.T. -0.00 min

Lab File: BN004036.D

Acq: 17 Dec 2018 15:28

Instrument :

BNA_N

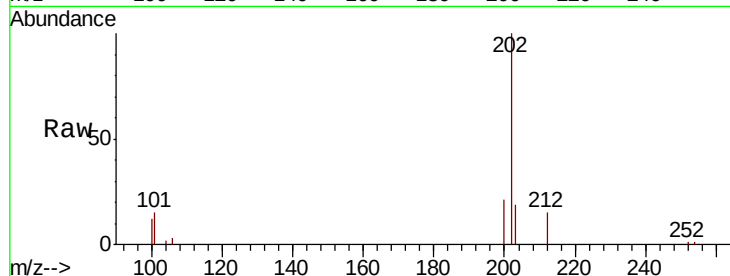
ClientSampleId :

F9E58DL

Tgt Ion:	202	Resp:	15358
Ion Ratio	Lower	Upper	
202	100		
101	15.1	10.3	15.5
100	12.2	8.5	12.7

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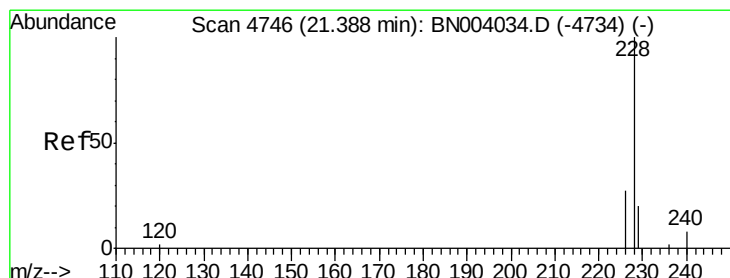
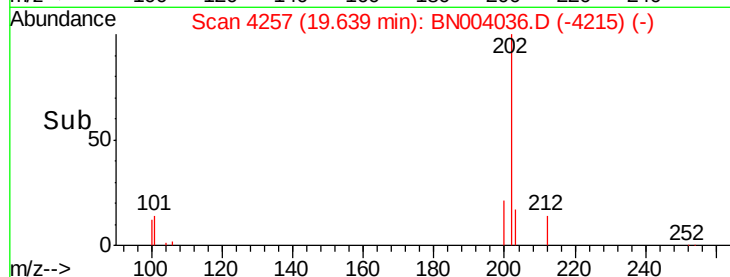
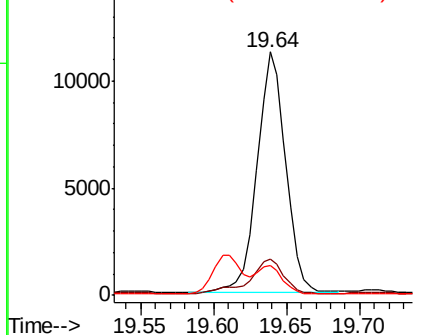


Abundance

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: 0.209 ng/ul

RT: 21.39 min Scan# 4746

Delta R.T. 0.00 min

Lab File: BN004036.D

Acq: 17 Dec 2018 15:28

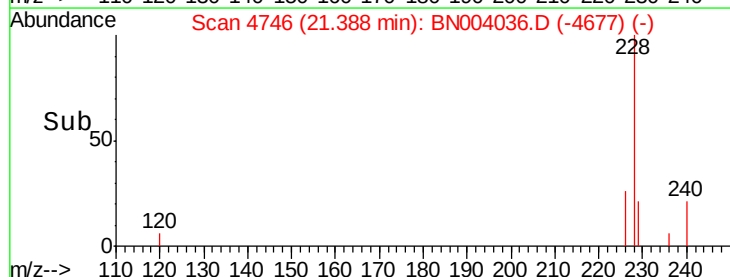
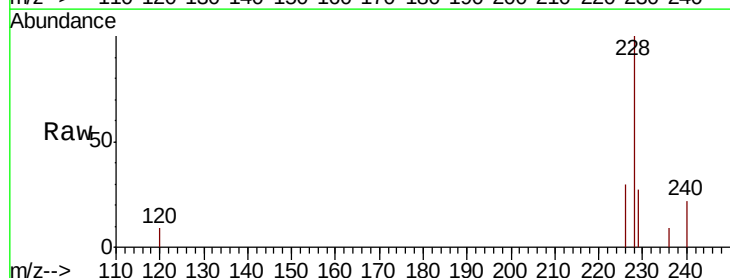
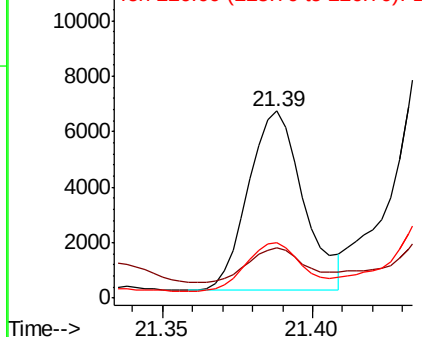
Tgt Ion:	228	Resp:	8266
Ion Ratio	Lower	Upper	
228	100		
229	27.0	15.6	23.4#
226	29.5	21.1	31.7

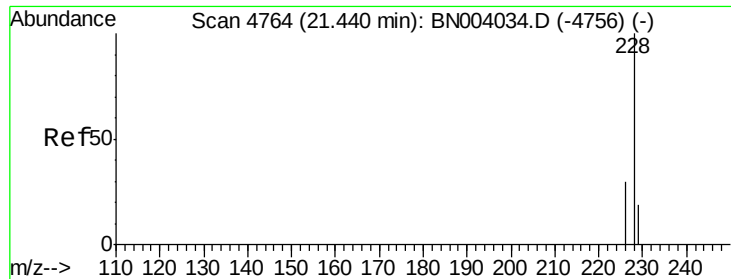
Abundance

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: 0.327 ng/ul

RT: 21.44 min Scan# 4764

Delta R.T. 0.00 min

Lab File: BN004036.D

Acq: 17 Dec 2018 15:28

Instrument :

BNA_N

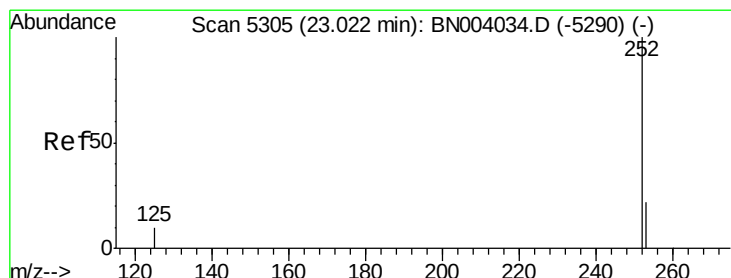
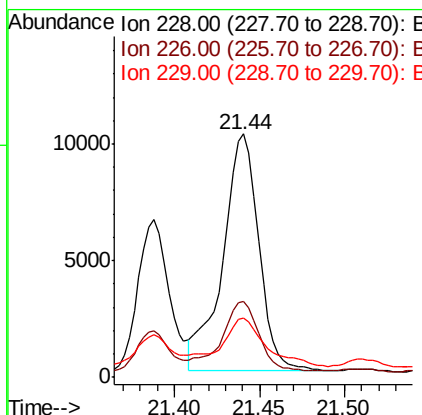
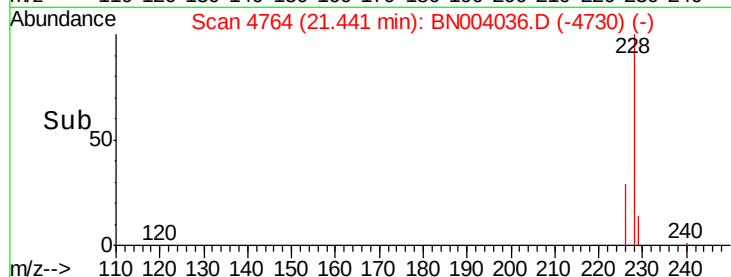
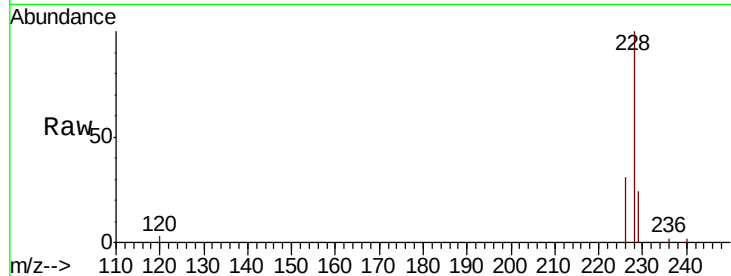
ClientSampled :

F9E58DL

Tgt Ion:	228	Resp:	14801
Ion Ratio	Lower	Upper	
228	100		
226	31.4	24.0	36.0
229	24.2	15.7	23.5#

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#21

Benzo(b)fluoranthene

Concen: 0.093 ng/ul m

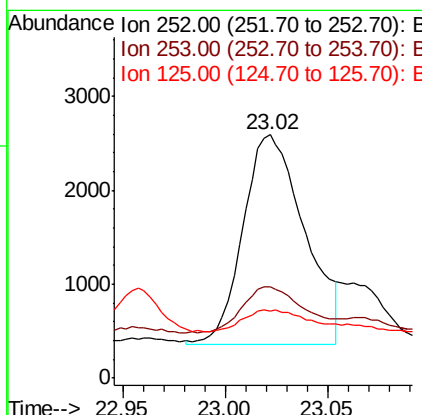
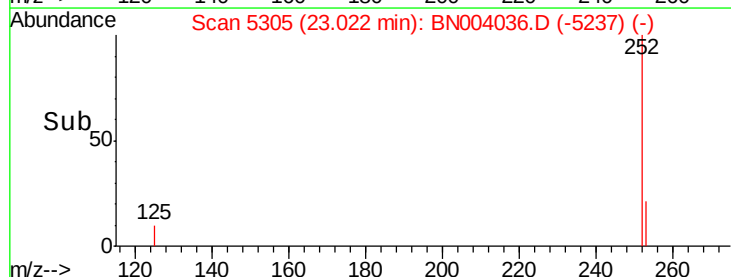
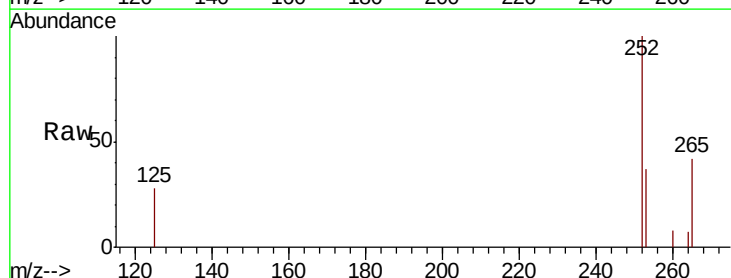
RT: 23.02 min Scan# 5305

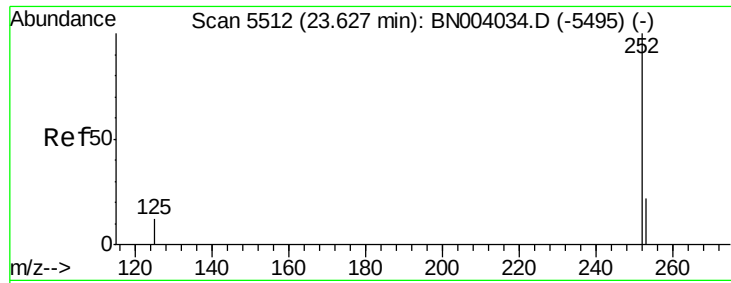
Delta R.T. 0.00 min

Lab File: BN004036.D

Acq: 17 Dec 2018 15:28

Tgt Ion:	252	Resp:	4677
Ion Ratio	Lower	Upper	
252	100		
253	37.4	0.0	46.0
125	27.6	0.0	22.4#





#23

Benzo(a)pyrene

Concen: 0.136 ng/ul

RT: 23.62 min Scan# 5510

Delta R.T. -0.01 min

Lab File: BN004036.D

Acq: 17 Dec 2018 15:28

Instrument :

BNA_N

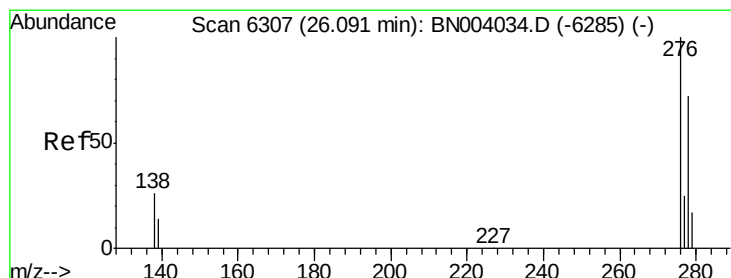
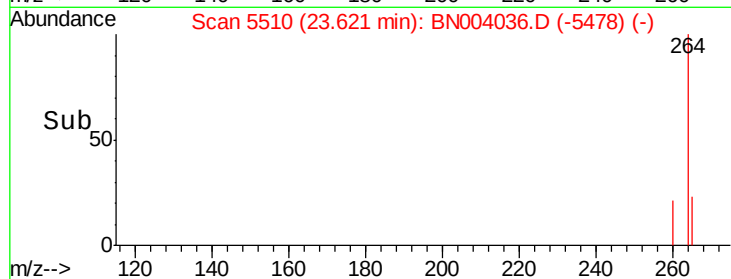
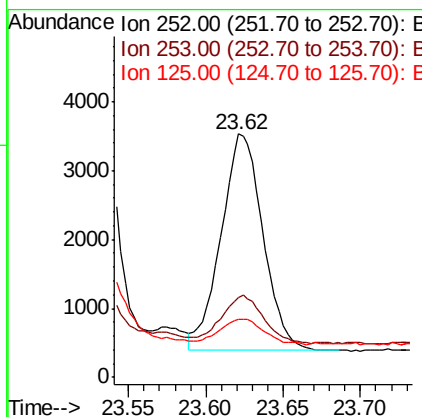
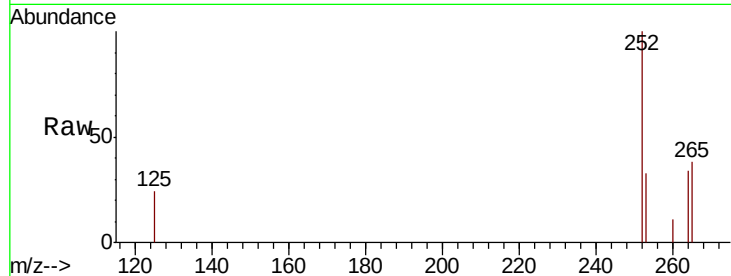
ClientSampleId :

F9E58DL

Tgt Ion:	252	Resp:	5926
Ion Ratio	Lower	Upper	
252	100		
253	33.0	19.0	28.4#
125	24.1	10.2	15.4#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.067 ng/ul

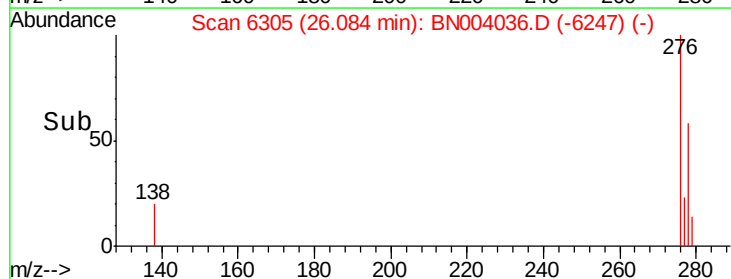
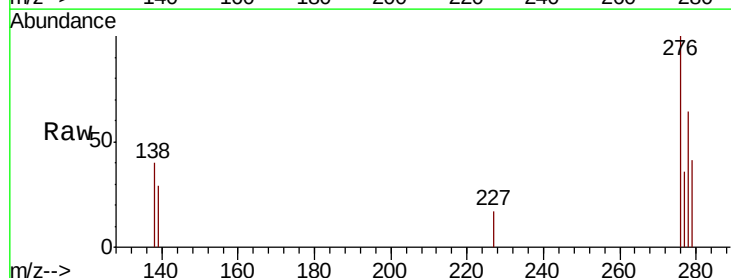
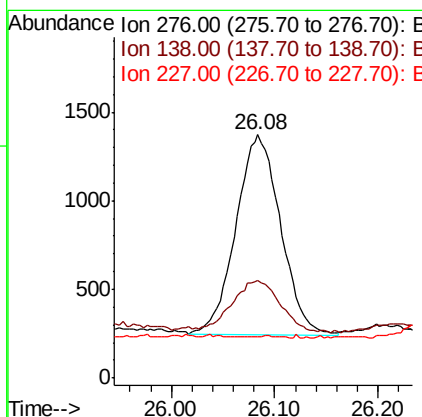
RT: 26.08 min Scan# 6305

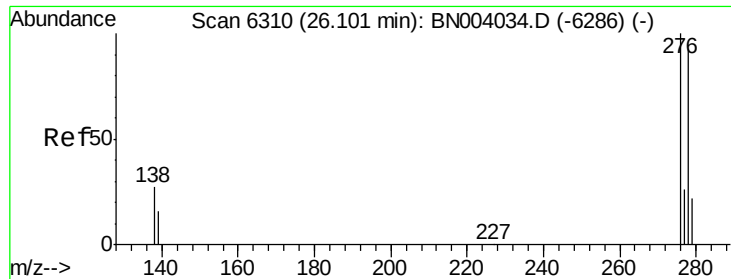
Delta R.T. -0.01 min

Lab File: BN004036.D

Acq: 17 Dec 2018 15:28

Tgt Ion:	276	Resp:	3357
Ion Ratio	Lower	Upper	
276	100		
138	27.1	20.3	30.5
227	0.5	0.2	0.2#





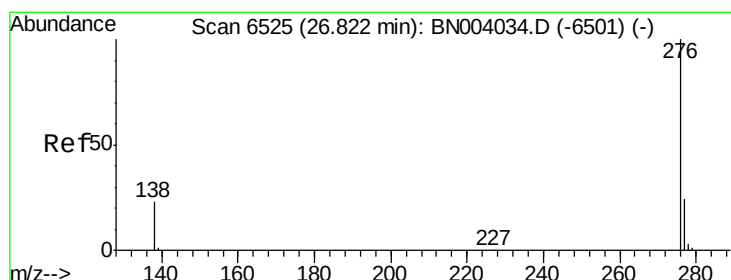
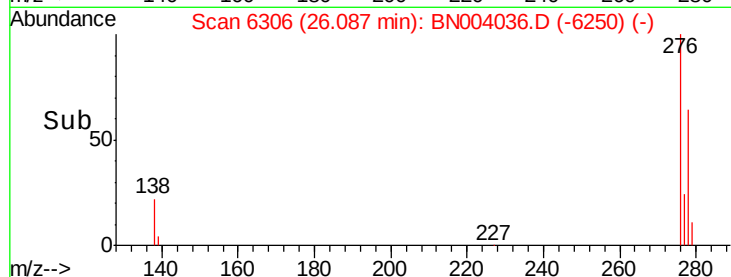
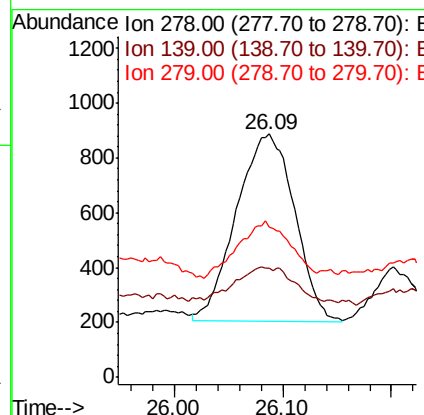
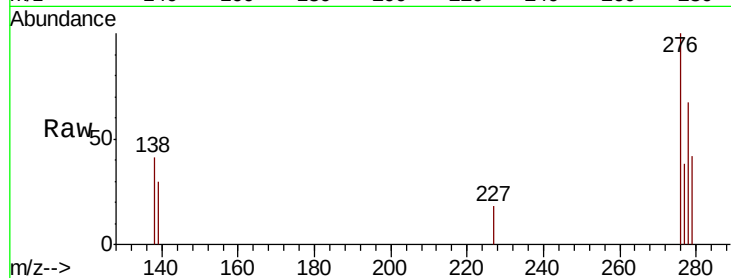
#25
Dibenzo(a,h)anthracene
Concen: 0.063 ng/ul
RT: 26.09 min Scan# 6306
Delta R.T. -0.01 min
Lab File: BN004036.D
Acq: 17 Dec 2018 15:28

Instrument :
BNA_N
ClientSampled :
F9E58DL

Tgt Ion	Ratio	Lower	Upper
278	100		
139	44.8	14.2	21.4#
279	61.8	19.8	29.6#

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#26
Benzo(g,h,i)perylene
Concen: 0.162 ng/ul
RT: 26.82 min Scan# 6523
Delta R.T. -0.01 min
Lab File: BN004036.D
Acq: 17 Dec 2018 15:28

Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.6	17.7	26.5#
277	30.6	19.3	28.9#

