

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121718\
 Data File : BN004038.D
 Acq On : 17 Dec 2018 16:39
 Operator : JU/SJ
 Sample : J6229-05DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9F03DL

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Quant Time: Dec 18 05:00:22 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	1480	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	7755	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	4704	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	11897	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	13489	0.40	ng/ul	0.00
20) Perylene-d12	23.73	264	12705	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	499	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	1549	0.04	ng/ul	0.00

Target Compounds				Qvalue		
7) Acenaphthylene	14.19	152	1843	0.087	ng/ul#	91
12) Phenanthrene	17.26	178	8557	0.219	ng/ul	98
13) Anthracene	17.35	178	2449	0.076	ng/ul#	92
15) Fluoranthene	19.28	202	32834	0.712	ng/ul	97
17) Pyrene	19.64	202	32640	0.675	ng/ul	96
18) Benzo(a)anthracene	21.39	228	17947	0.421	ng/ul	95
19) Chrysene	21.44	228	21260	0.436	ng/ul	96
21) Benzo(b)fluoranthene	23.02	252	22700m	0.432	ng/ul	
22) Benzo(k)fluoranthene	23.07	252	8738m	0.171	ng/ul	
23) Benzo(a)pyrene	23.63	252	13064	0.287	ng/ul#	91
24) Indeno(1,2,3-cd)pyrene	26.09	276	8908	0.171	ng/ul#	96
25) Dibenzo(a,h)anthracene	26.09	278	2698	0.064	ng/ul#	55
26) Benzo(g,h,i)perylene	26.83	276	7965	0.176	ng/ul#	90

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

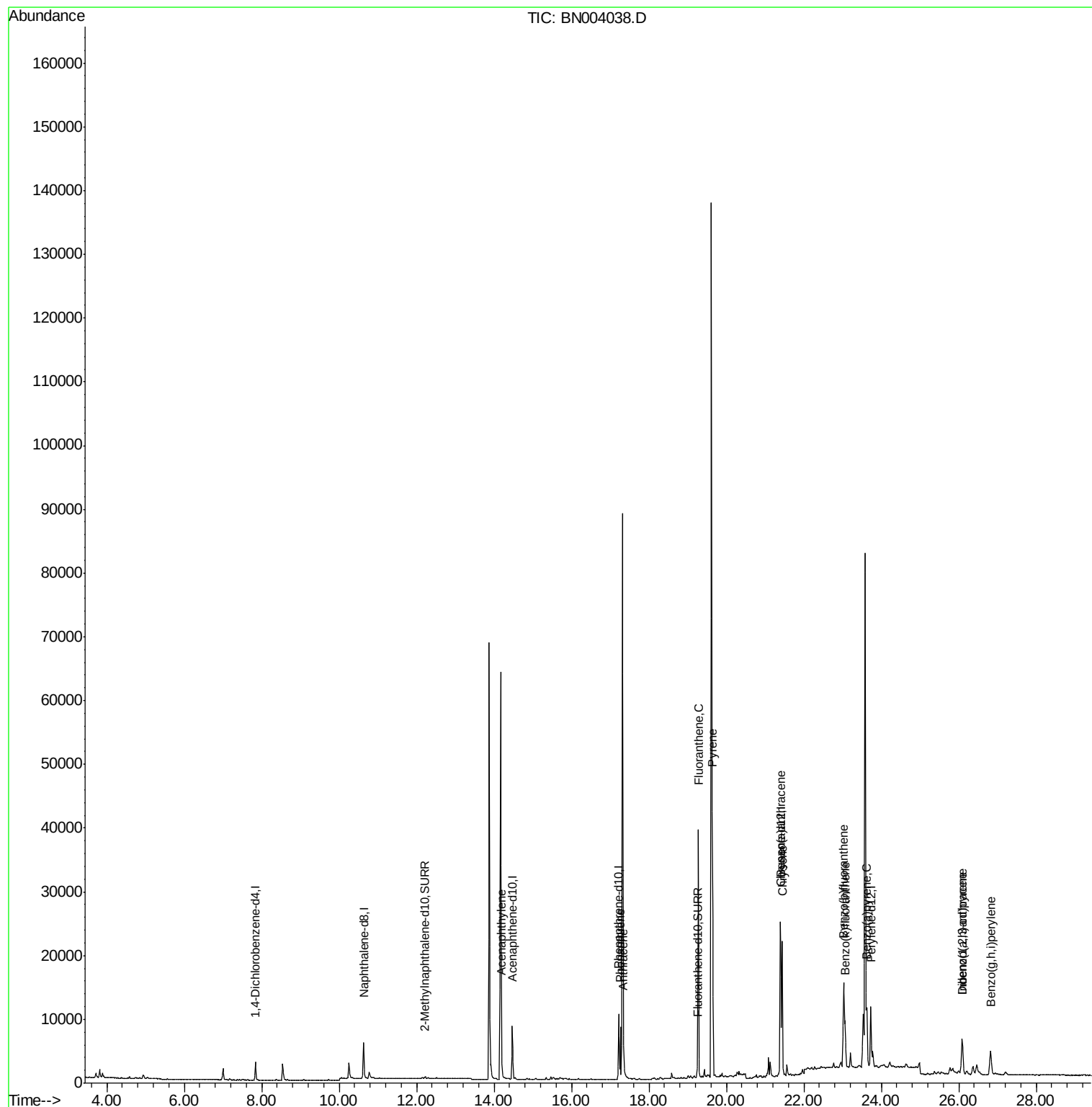
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121718\
Data File : BN004038.D
Acq On : 17 Dec 2018 16:39
Operator : JU/SJ
Sample : J6229-05DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

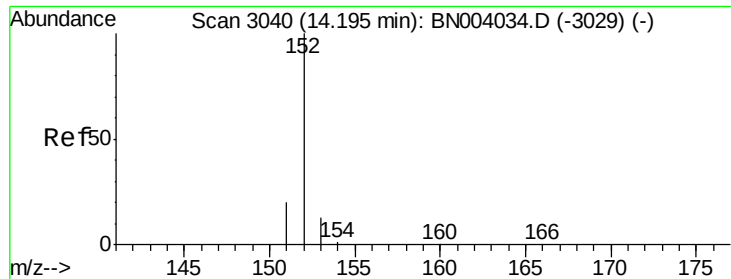
Instrument :
BNA_N
ClientSampleId :
F9F03DL

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Quant Time: Dec 18 05:00:22 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN11918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 18 04:29:07 2018
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.087 ng/ul

RT: 14.19 min Scan# 3040

Delta R.T. 0.00 min

Lab File: BN004038.D

Acq: 17 Dec 2018 16:39

Instrument :

BNA_N

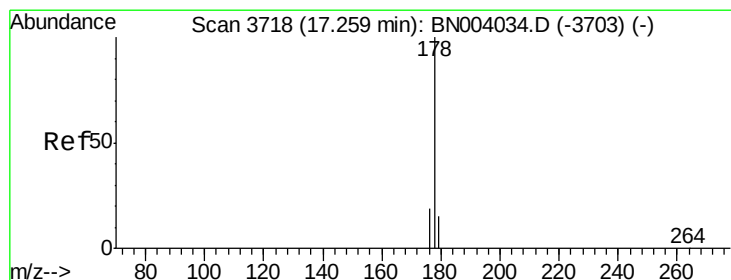
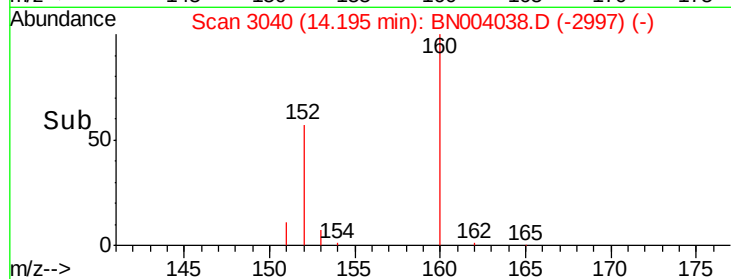
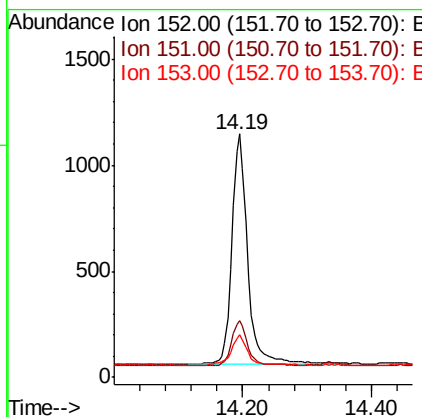
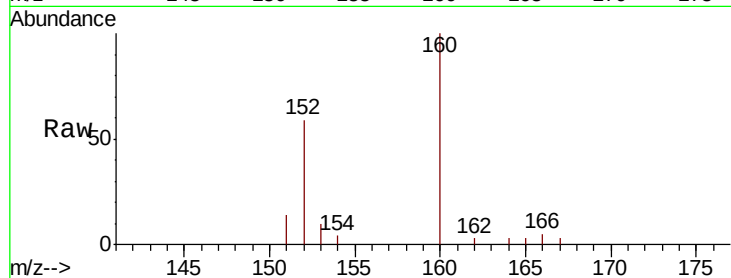
ClientSampleId :

F9F03DL

Tgt Ion:	152	Resp:	1843
Ion Ratio	Lower	Upper	
152	100		
151	23.3	15.9	23.9
153	17.7	10.7	16.1#

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#12

Phenanthrene

Concen: 0.219 ng/ul

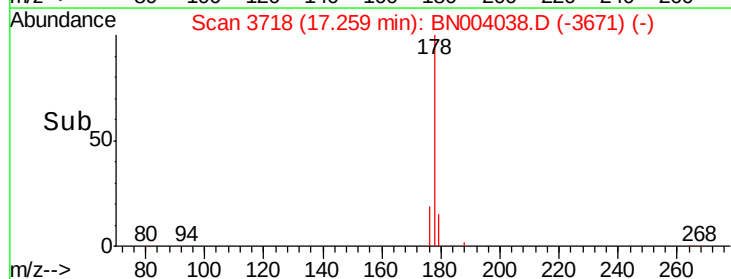
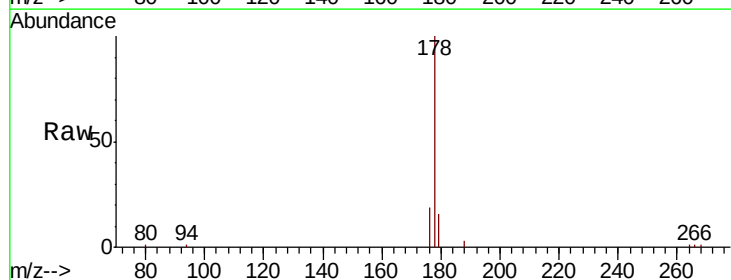
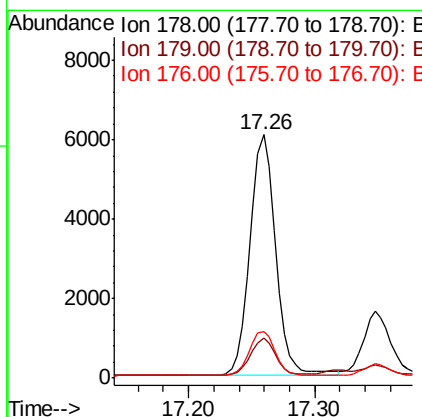
RT: 17.26 min Scan# 3718

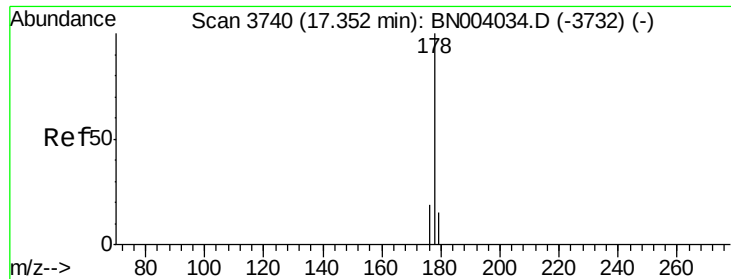
Delta R.T. 0.00 min

Lab File: BN004038.D

Acq: 17 Dec 2018 16:39

Tgt Ion:	178	Resp:	8557
Ion Ratio	Lower	Upper	
178	100		
179	16.4	12.5	18.7
176	19.3	15.0	22.4





#13

Anthracene

Concen: 0.076 ng/ul

RT: 17.35 min Scan# 3739

Delta R.T. -0.00 min

Lab File: BN004038.D

Acq: 17 Dec 2018 16:39

Instrument :

BNA_N

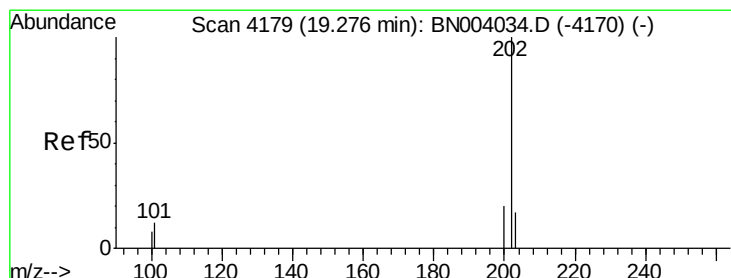
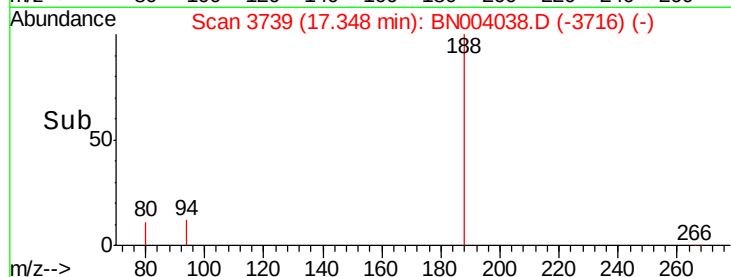
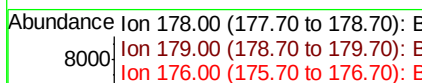
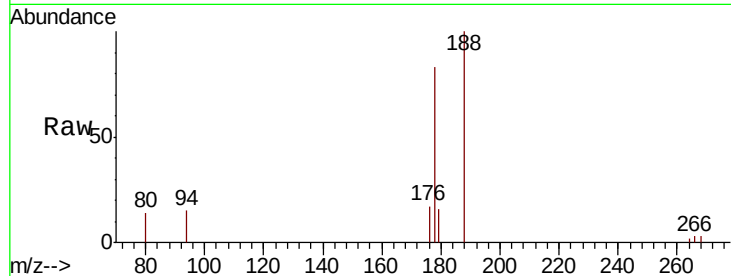
ClientSampleId :

F9F03DL

Tgt Ion	Ratio	Lower	Upper
178	100		
179	19.7	12.3	18.5#
176	21.0	14.8	22.2

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#15

Fluoranthene

Concen: 0.712 ng/ul

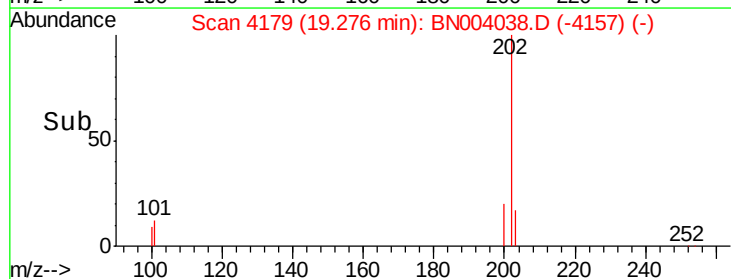
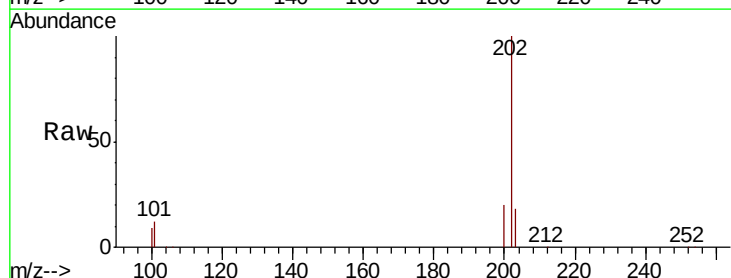
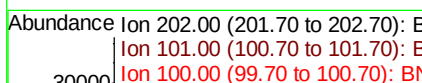
RT: 19.28 min Scan# 4179

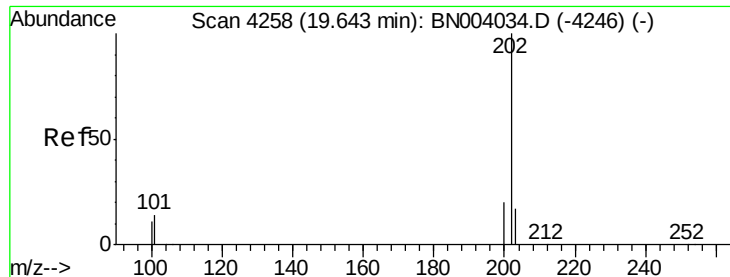
Delta R.T. 0.00 min

Lab File: BN004038.D

Acq: 17 Dec 2018 16:39

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	30.7
100	9.0	0.0	28.1





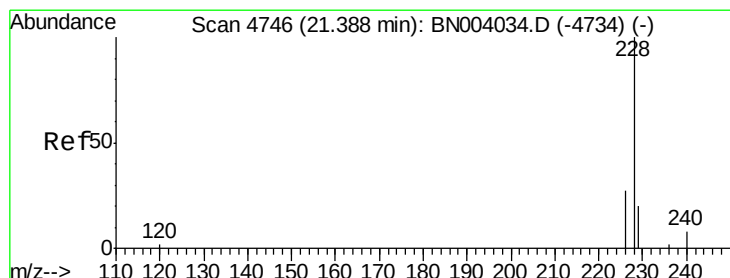
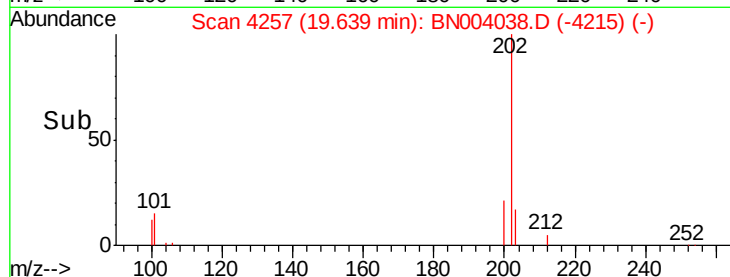
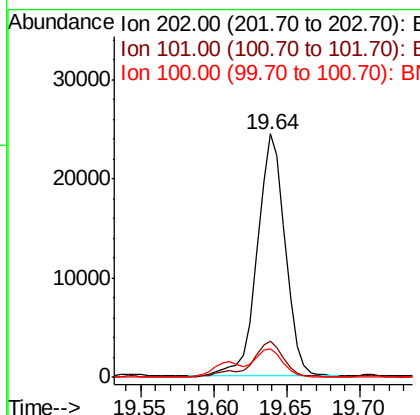
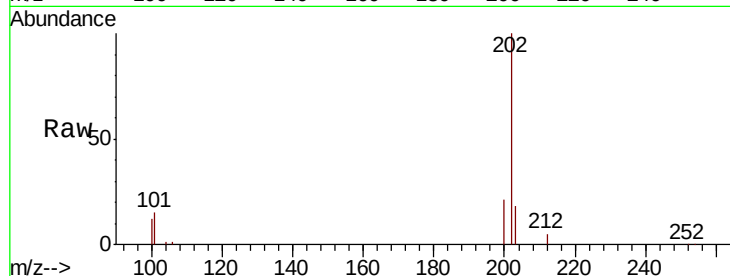
#17
 Pyrene
 Concen: 0.675 ng/ul
 RT: 19.64 min Scan# 4257
 Delta R.T. -0.00 min
 Lab File: BN004038.D
 Acq: 17 Dec 2018 16:39

Instrument :
 BNA_N
 ClientSampleId :
 F9F03DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	14.9	10.3	15.5
100	11.8	8.5	12.7

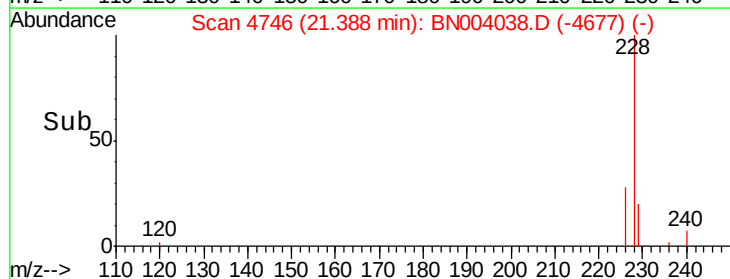
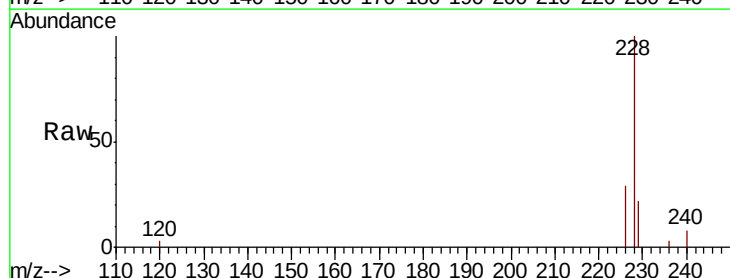
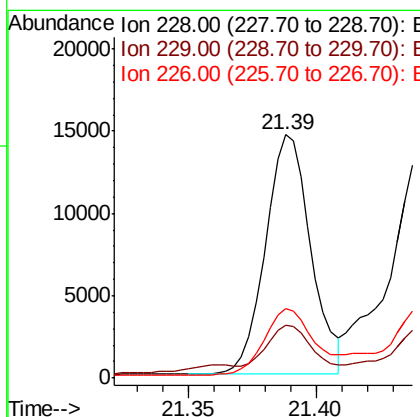
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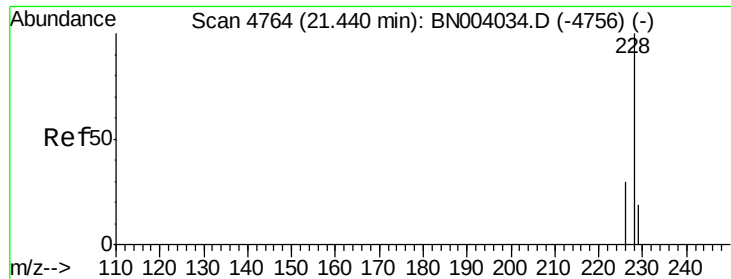
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#18
 Benzo(a)anthracene
 Concen: 0.421 ng/ul
 RT: 21.39 min Scan# 4746
 Delta R.T. 0.00 min
 Lab File: BN004038.D
 Acq: 17 Dec 2018 16:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	21.8	15.6	23.4
226	28.8	21.1	31.7





#19

Chrysene

Concen: 0.436 ng/ul

RT: 21.44 min Scan# 4764

Delta R.T. 0.00 min

Lab File: BN004038.D

Acq: 17 Dec 2018 16:39

Instrument :

BNA_N

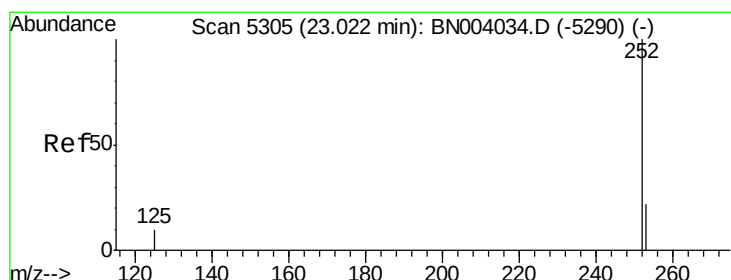
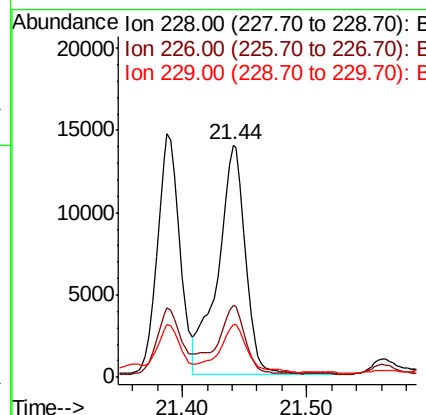
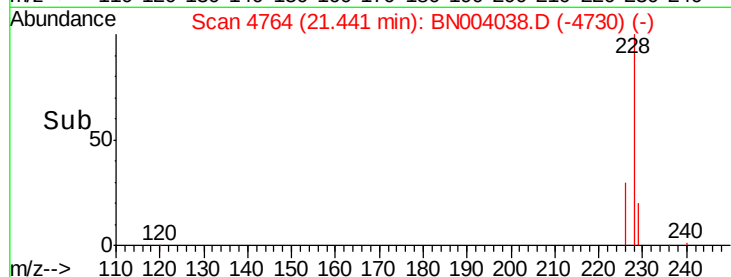
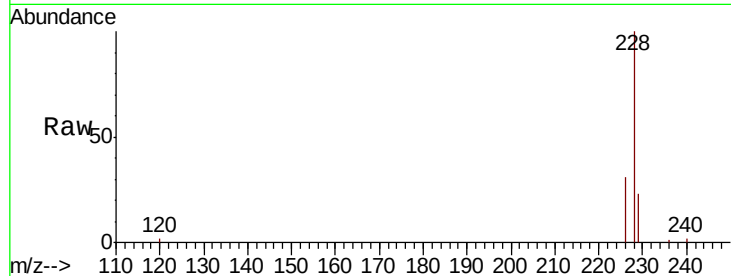
ClientSampled :

F9F03DL

Tgt Ion:	228	Resp:	21260
Ion Ratio	Lower	Upper	
228	100		
226	31.0	24.0	36.0
229	22.5	15.7	23.5

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#21

Benzo(b)fluoranthene

Concen: 0.432 ng/ul m

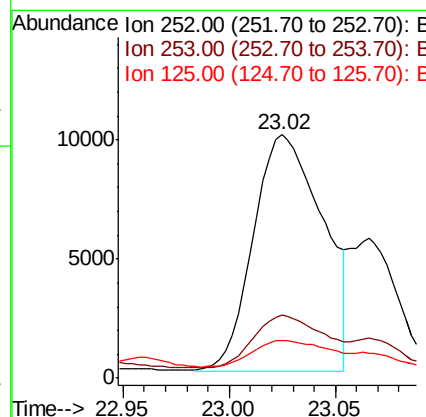
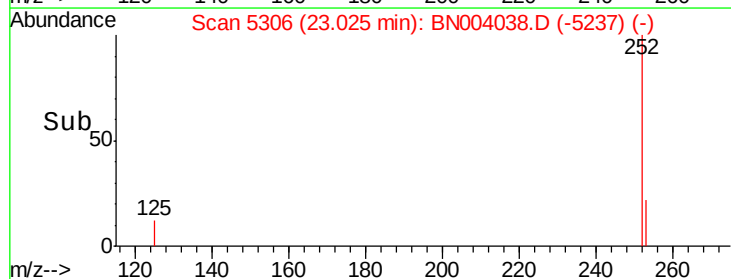
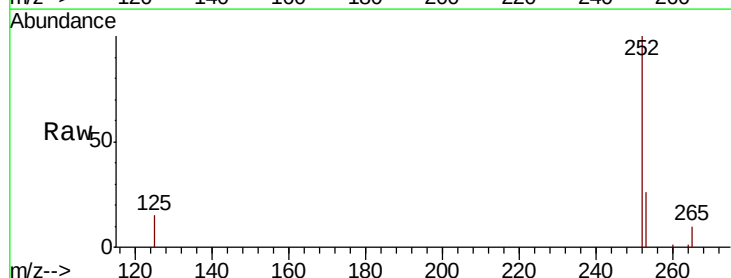
RT: 23.02 min Scan# 5306

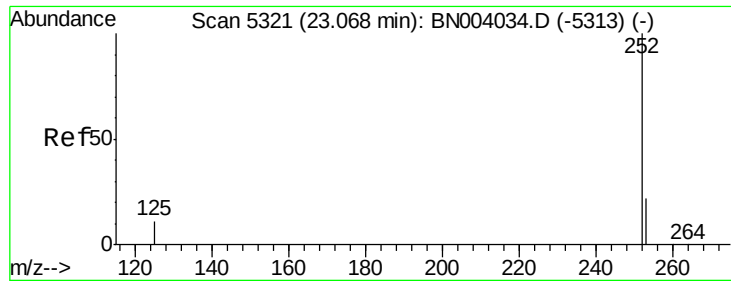
Delta R.T. 0.00 min

Lab File: BN004038.D

Acq: 17 Dec 2018 16:39

Tgt Ion:	252	Resp:	22700
Ion Ratio	Lower	Upper	
252	100		
253	25.7	0.0	46.0
125	15.4	0.0	22.4





#22

Benzo(k)fluoranthene

Concen: 0.171 ng/ul m

RT: 23.07 min Scan# 5320

Delta R.T. -0.00 min

Lab File: BN004038.D

Acq: 17 Dec 2018 16:39

Instrument :

BNA_N

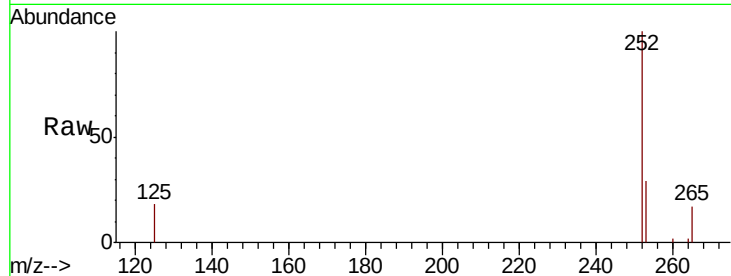
ClientSampled :

F9F03DL

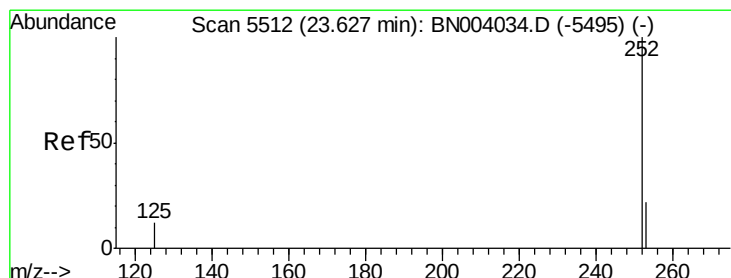
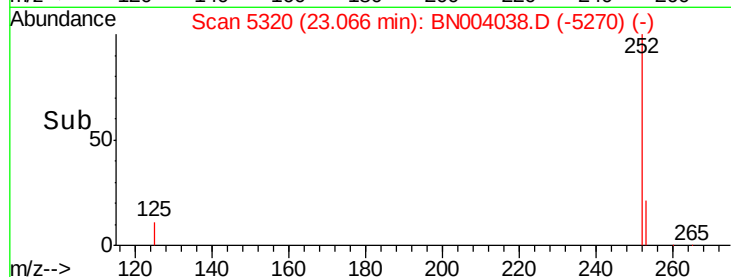
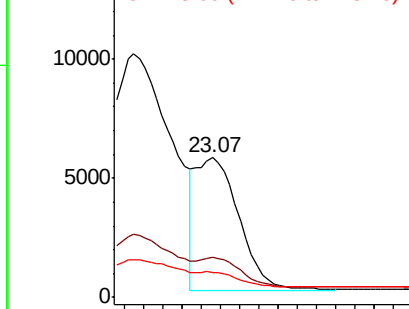
Tgt Ion:	252	Resp:	8738
Ion Ratio	Lower	Upper	
252	100		
253	28.6	18.5	27.7#
125	18.0	9.0	13.6#

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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: 0.287 ng/ul

RT: 23.63 min Scan# 5512

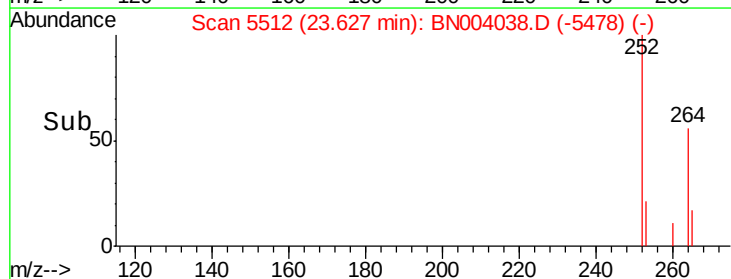
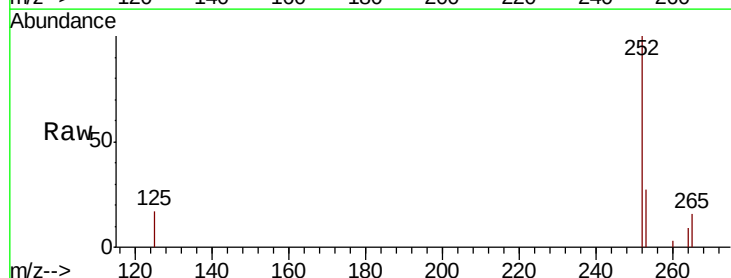
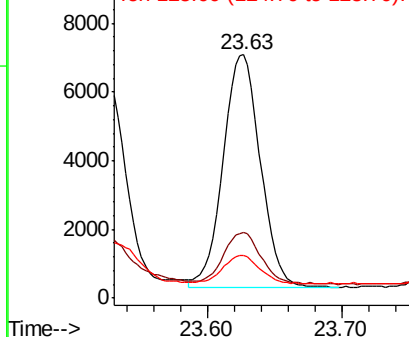
Delta R.T. 0.00 min

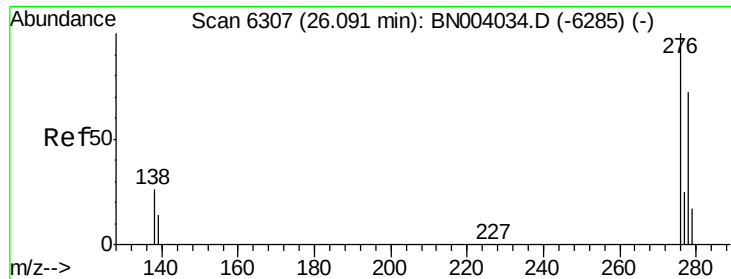
Lab File: BN004038.D

Acq: 17 Dec 2018 16:39

Tgt Ion:	252	Resp:	13064
Ion Ratio	Lower	Upper	
252	100		
253	27.1	19.0	28.4
125	17.4	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: 0.171 ng/ul

RT: 26.09 min Scan# 6307

Delta R.T. 0.00 min

Lab File: BN004038.D

Acq: 17 Dec 2018 16:39

Instrument :

BNA_N

ClientSampleId :

F9F03DL

Tgt Ion: 276 Resp: 8908

Ion Ratio Lower Upper

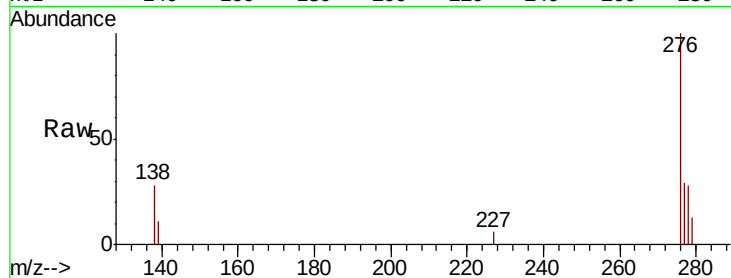
276 100

138 23.4 20.3 30.5

227 0.1 0.2 0.2#

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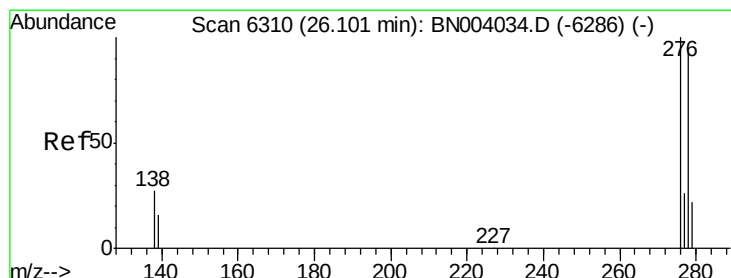
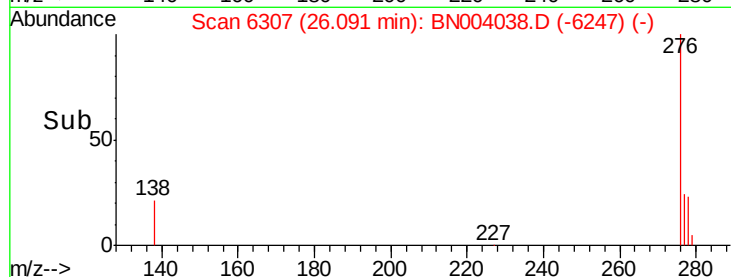
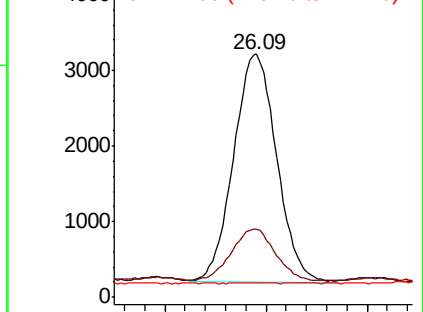
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Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



#25

Dibenzo(a,h)anthracene

Concen: 0.064 ng/ul

RT: 26.09 min Scan# 6307

Delta R.T. -0.01 min

Lab File: BN004038.D

Acq: 17 Dec 2018 16:39

Tgt Ion: 278 Resp: 2698

Ion Ratio Lower Upper

278 100

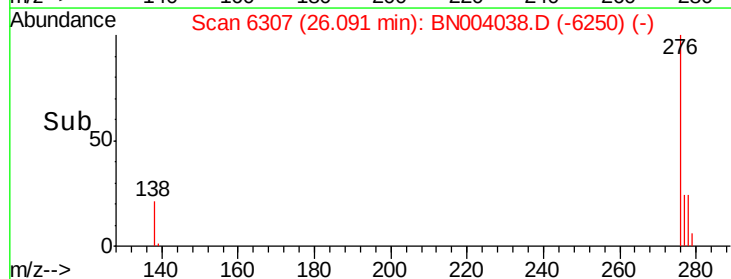
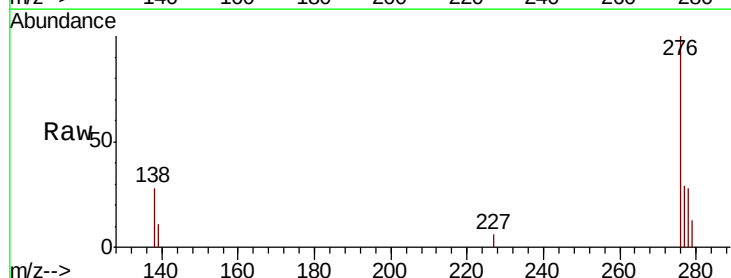
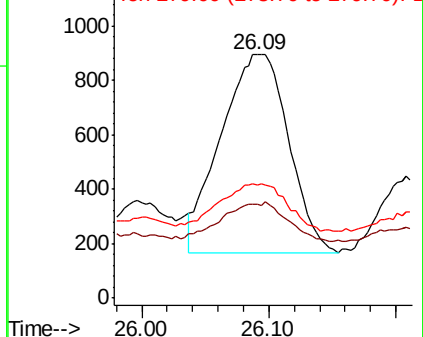
139 38.6 14.2 21.4#

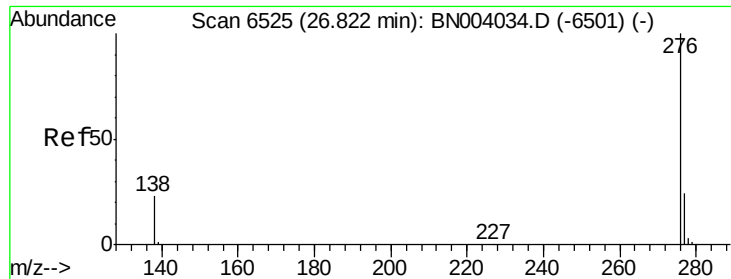
279 46.5 19.8 29.6#

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: 0.176 ng/ul
RT: 26.83 min Scan# 6526
Delta R.T. 0.00 min
Lab File: BN004038.D
Acq: 17 Dec 2018 16:39

Instrument :
BNA_N
ClientSampleId :
F9F03DL

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.4	17.7	26.5#
277	27.9	19.3	28.9

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