

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121618\
 Data File : BN004025.D
 Acq On : 17 Dec 2018 08:57
 Operator : JU/SJ
 Sample : J6229-04
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9F02

Manual Integrations
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Quant Time: Dec 18 10:59:58 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 : Mon Dec 17 06:22:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1773	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	8940	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	5632	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	14080m	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	15980m	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	14135m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	3699	0.27	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	11777m	0.29	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.68	128	3130	0.125	ng/ul#	90
5) 2-Methylnaphthalene	12.29	142	2749	0.157	ng/ul	100
7) Acenaphthylene	14.19	152	90309	3.561	ng/ul	100
8) Acenaphthene	14.53	153	2936	0.132	ng/ul	95
9) Fluorene	15.54	166	9036	0.349	ng/ul#	51
12) Phenanthrene	17.26	178	241685m	5.230	ng/ul	
13) Anthracene	17.35	178	82012m	2.159	ng/ul	
15) Fluoranthene	19.28	202	1022627m	18.739	ng/ul	
17) Pyrene	19.64	202	1086256	18.953	ng/ul	99
18) Benzo(a)anthracene	21.39	228	739877m	14.659	ng/ul	
19) Chrysene	21.44	228	842271m	14.582	ng/ul	
21) Benzo(b)fluoranthene	23.02	252	1046869m	17.904	ng/ul	
22) Benzo(k)fluoranthene	23.06	252	386459m	6.784	ng/ul	
23) Benzo(a)pyrene	23.63	252	647621m	12.790	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.09	276	442657m	7.624	ng/ul	
25) Dibenzo(a,h)anthracene	26.09	278	137489m	2.942	ng/ul	
26) Benzo(a,h,i)perylene	26.82	276	407585m	8.077	ng/ul	

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

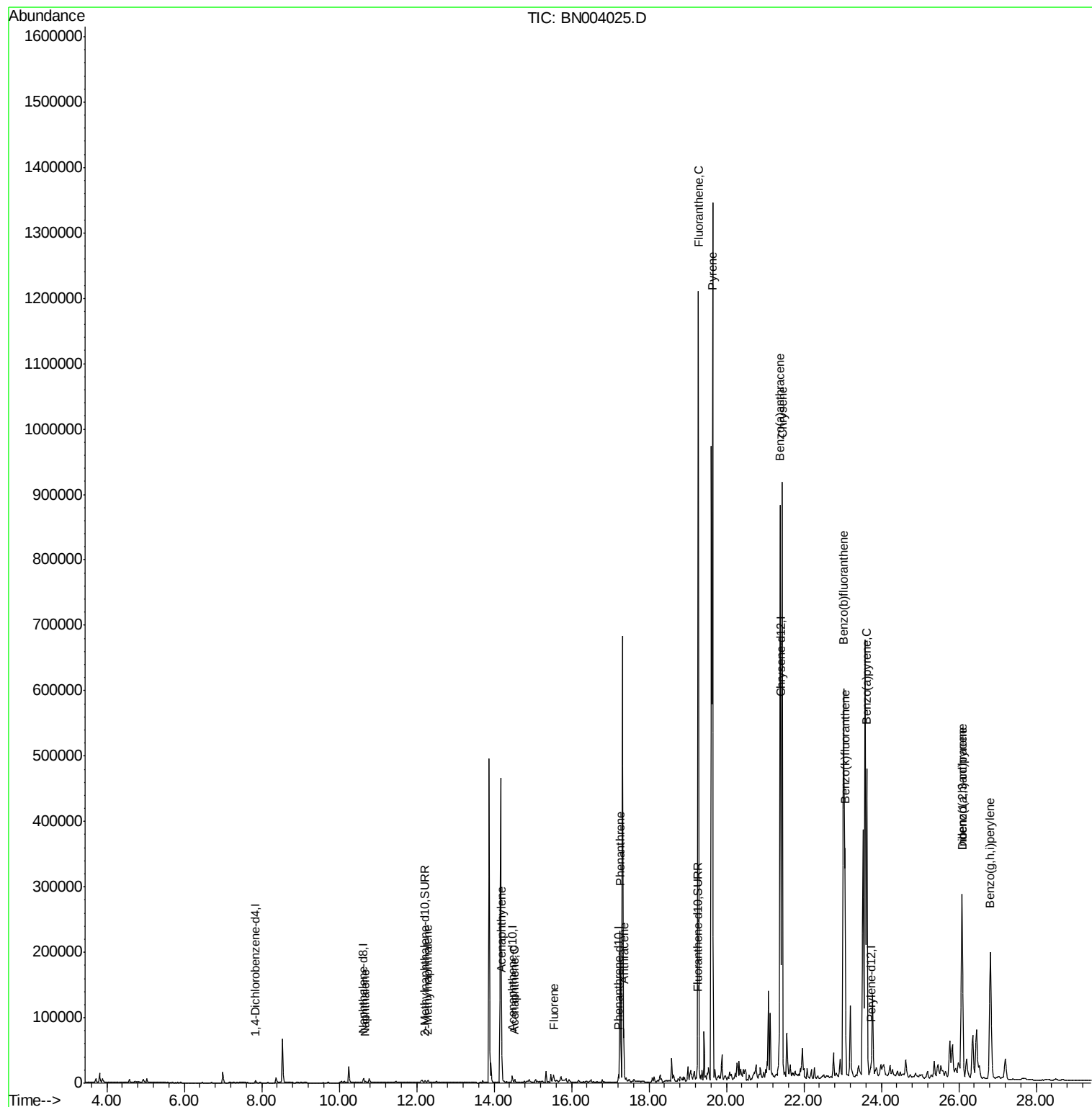
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121618\
Data File : BN004025.D
Acq On : 17 Dec 2018 08:57
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Sample : J6229-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

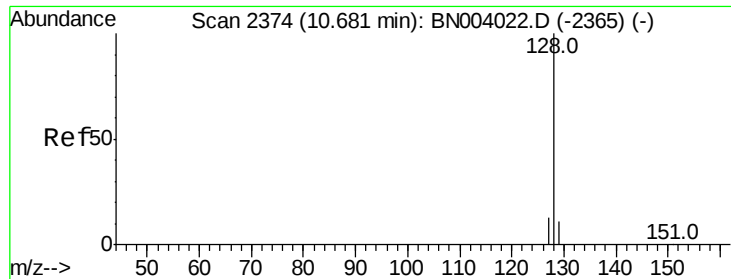
Instrument :
BNA_N
ClientSampleId :
F9F02

Quant Time: Dec 18 10:59:58 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 : Mon Dec 17 06:22:23 2018
Response via : Initial Calibration

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#3

Naphthalene

Concen: 0.125 ng/ul

RT: 10.68 min Scan# 2374

Delta R.T. -0.00 min

Lab File: BN004025.D

Acq: 17 Dec 2018 08:57

Instrument :

BNA_N

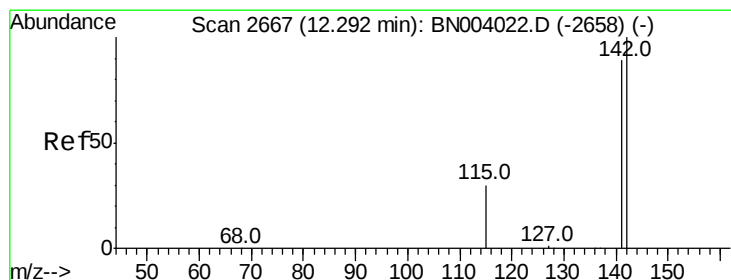
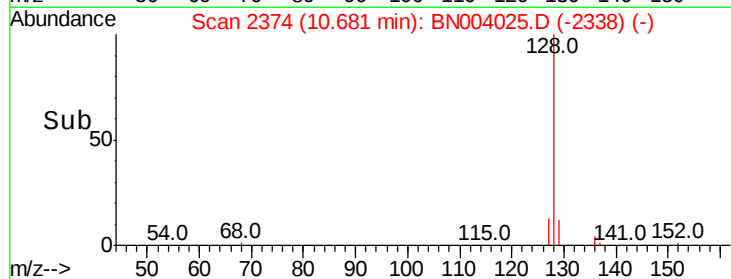
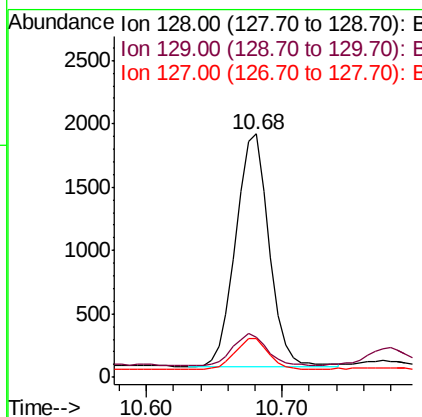
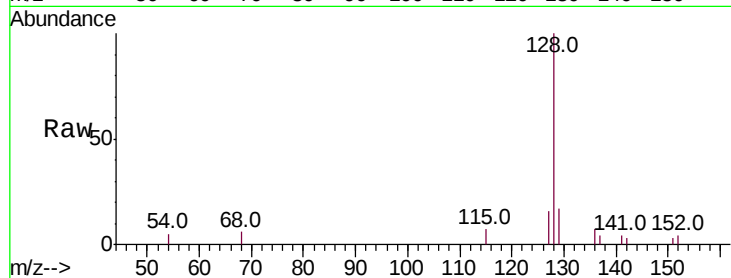
ClientSampleId :

F9F02

Tot Ion:	128	Resp:	3130
Ion Ratio	Lower	Upper	
128	100		
129	16.7	9.0	13.6#
127	15.7	10.5	15.7

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#5

2-Methylnaphthalene

Concen: 0.157 ng/ul

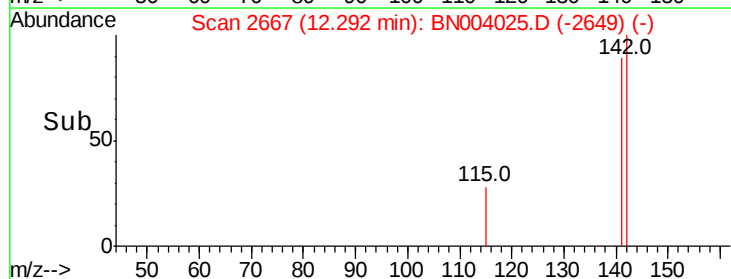
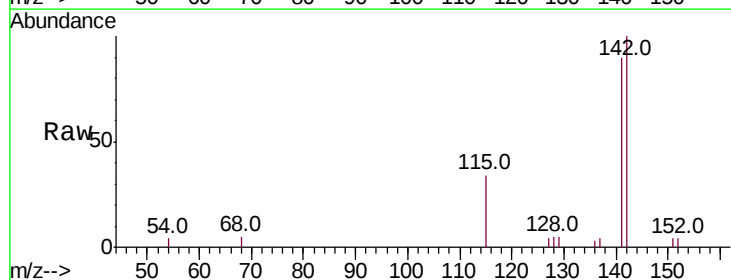
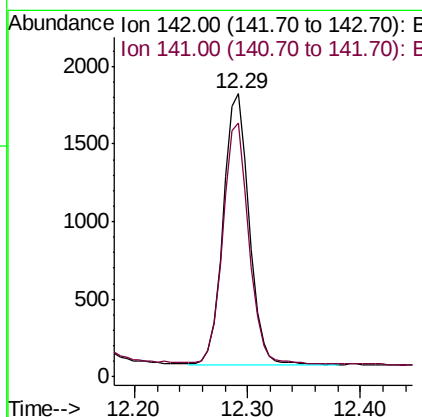
RT: 12.29 min Scan# 2667

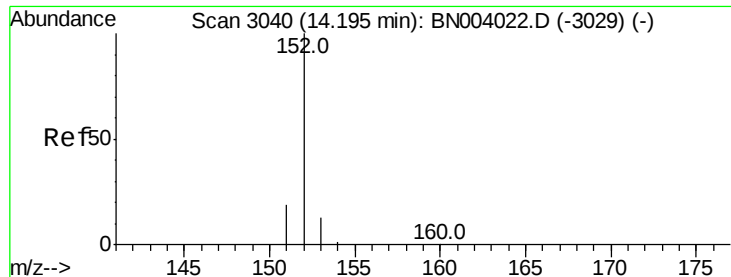
Delta R.T. -0.00 min

Lab File: BN004025.D

Acq: 17 Dec 2018 08:57

Tgt Ion:	142	Resp:	2749
Ion Ratio	Lower	Upper	
142	100		
141	89.5	71.5	107.3





#7

Acenaphthylene

Concen: 3.561 ng/ul

RT: 14.19 min Scan# 3040

Delta R.T. -0.00 min

Lab File: BN004025.D

Acq: 17 Dec 2018 08:57

Instrument :

BNA_N

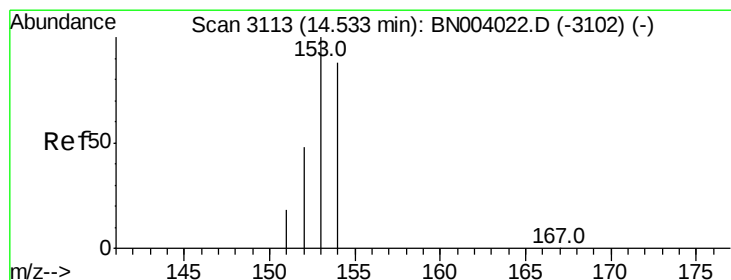
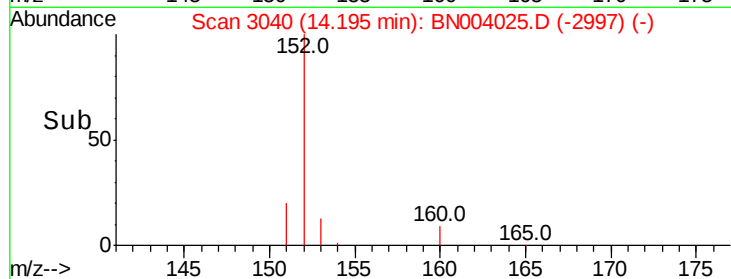
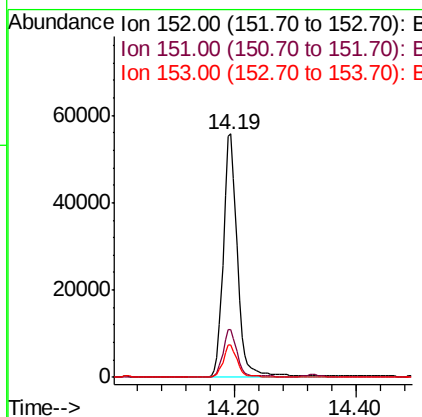
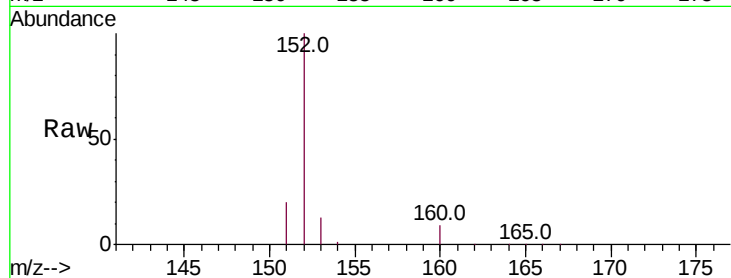
ClientSampleId :

F9F02

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.9	23.9
153	13.2	10.7	16.1

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#8

Acenaphthene

Concen: 0.132 ng/ul

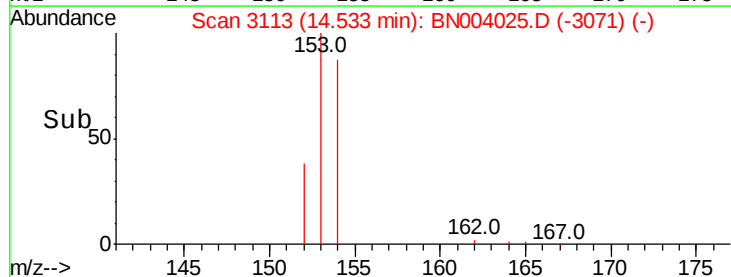
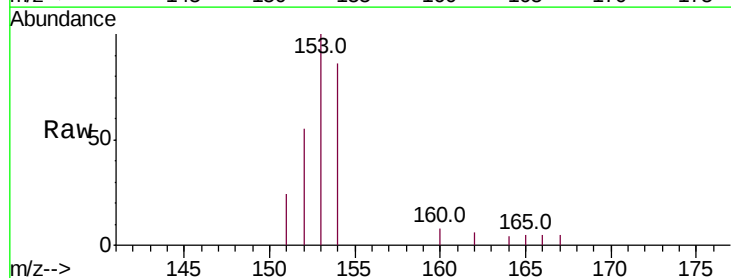
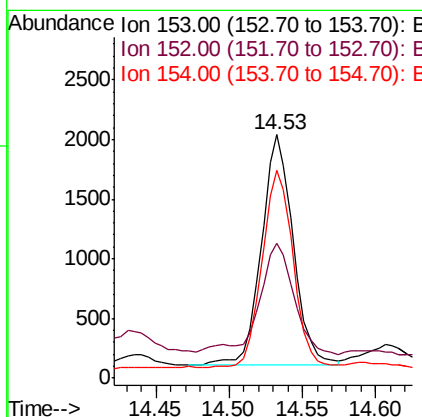
RT: 14.53 min Scan# 3113

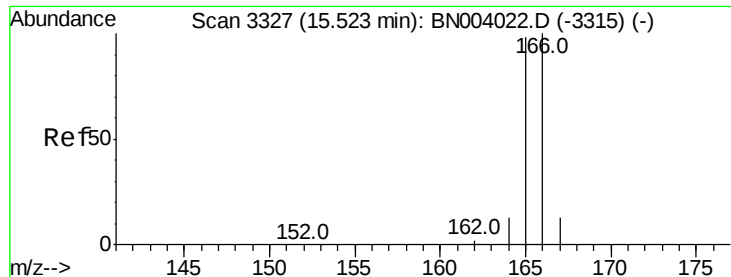
Delta R.T. -0.00 min

Lab File: BN004025.D

Acq: 17 Dec 2018 08:57

Tgt Ion	Ratio	Lower	Upper
153	100		
152	55.3	39.3	58.9
154	85.5	70.3	105.5





#9

Fluorene

Concen: 0.349 ng/ul

RT: 15.54 min Scan# 3331

Delta R.T. 0.02 min

Lab File: BN004025.D

Acq: 17 Dec 2018 08:57

Instrument :

BNA_N

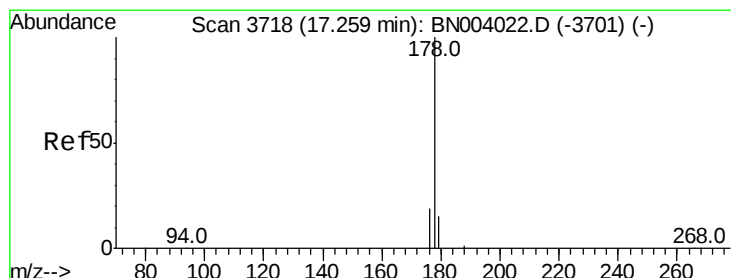
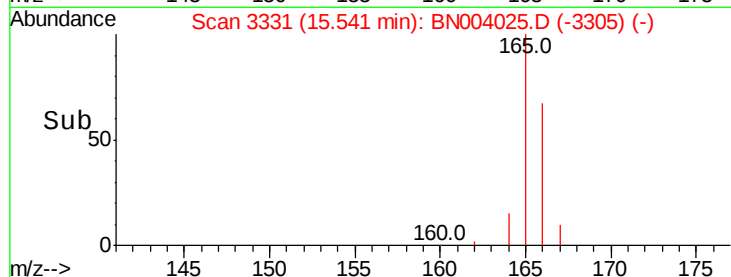
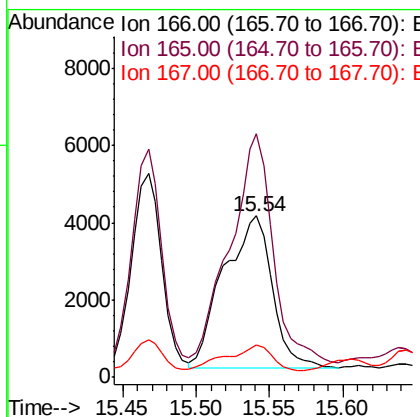
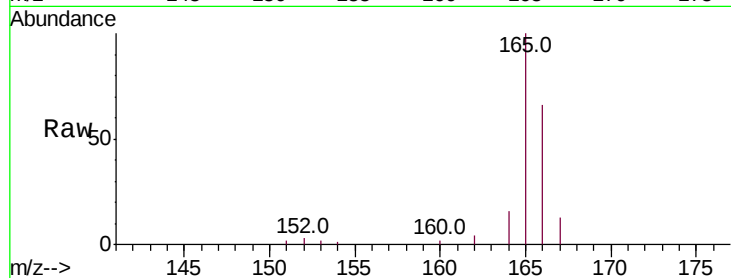
ClientSampled :

F9F02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
166	100				
165	150.7	78.3	117.5#		
167	19.8	11.3	16.9#		

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#12

Phenanthrene

Concen: 5.230 ng/ul m

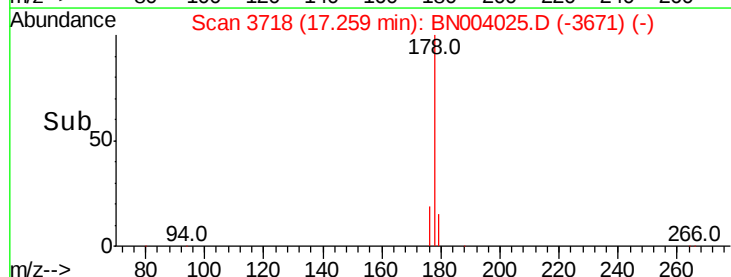
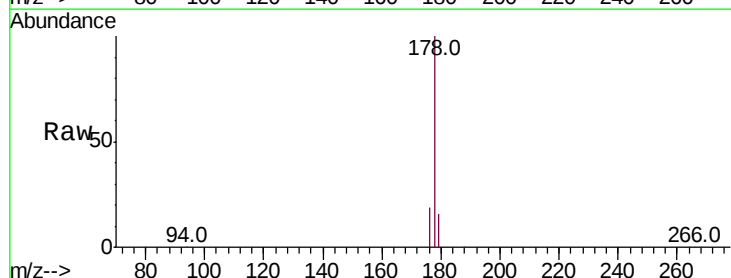
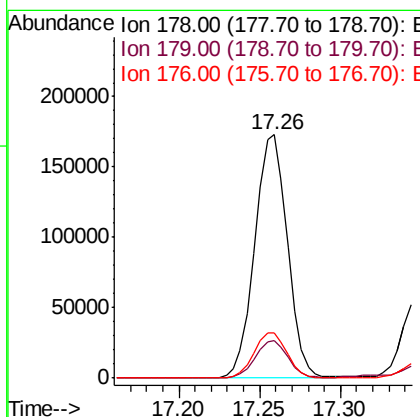
RT: 17.26 min Scan# 3718

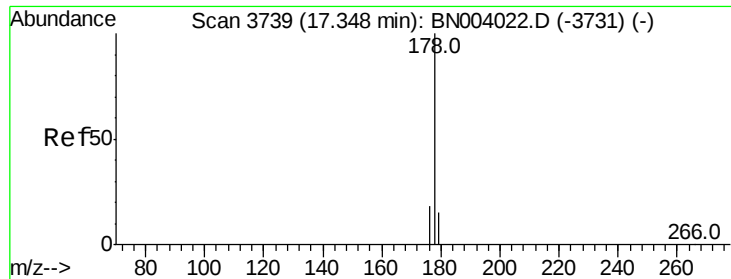
Delta R.T. -0.00 min

Lab File: BN004025.D

Acq: 17 Dec 2018 08:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
178	100				
179	15.5	12.5	18.7		
176	18.7	15.0	22.4		





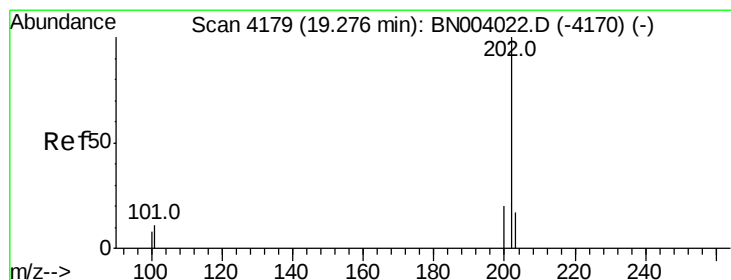
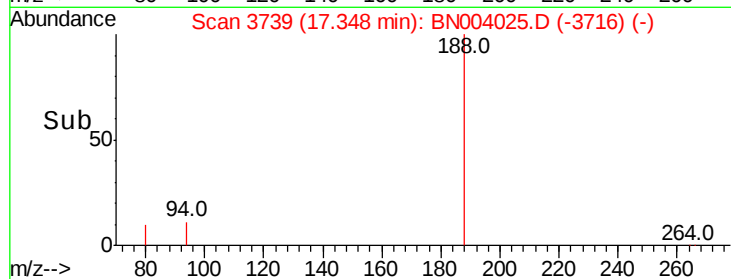
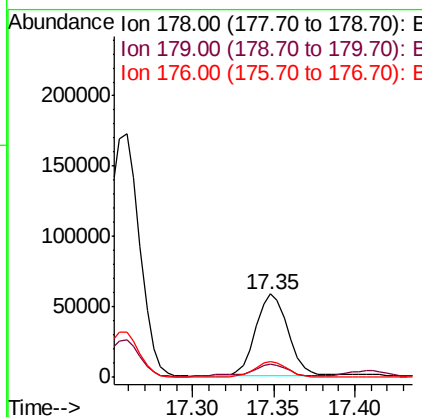
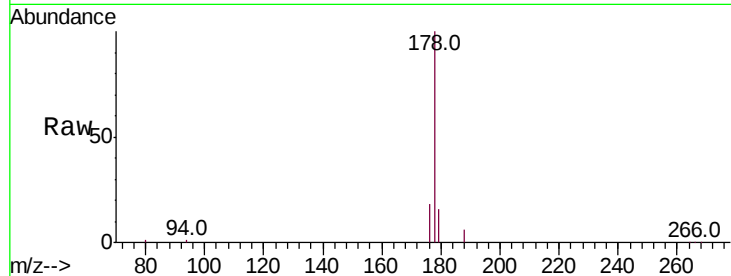
#13
 Anthracene
 Concen: 2.159 ng/ul m
 RT: 17.35 min Scan# 3739
 Delta R.T. -0.00 min
 Lab File: BN004025.D
 Acq: 17 Dec 2018 08:57

Instrument :
 BNA_N
 ClientSampleId :
 F9F02

Tot Ion:178 Resp: 82012
 Ion Ratio Lower Upper
 178 100
 179 15.5 12.3 18.5
 176 18.5 14.8 22.2

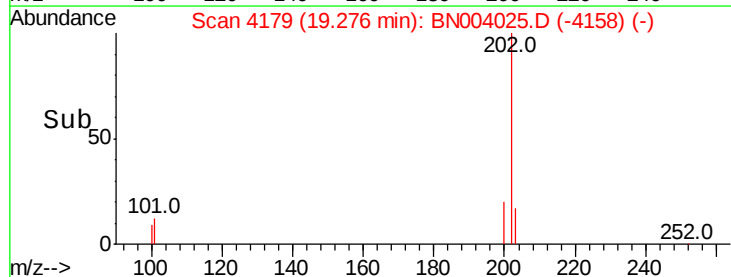
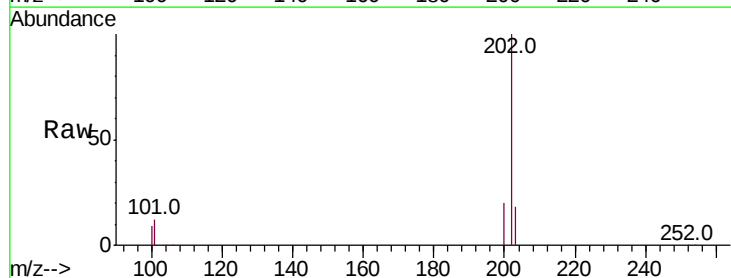
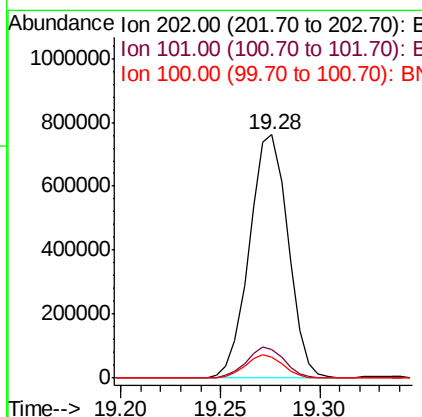
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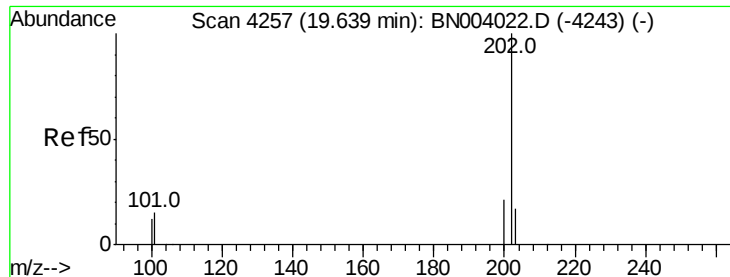
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#15
 Fluoranthene
 Concen: 18.739 ng/ul m
 RT: 19.28 min Scan# 4179
 Delta R.T. -0.00 min
 Lab File: BN004025.D
 Acq: 17 Dec 2018 08:57

Tgt Ion:202 Resp: 1022627
 Ion Ratio Lower Upper
 202 100
 101 11.9 0.0 30.7
 100 8.8 0.0 28.1





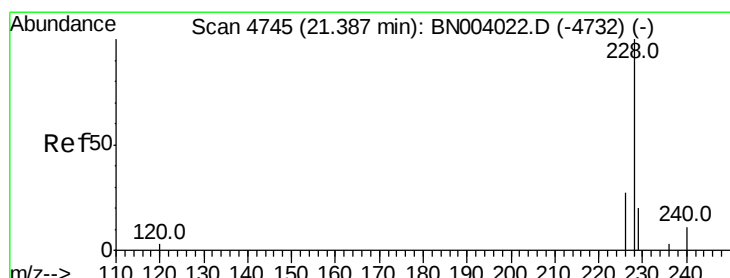
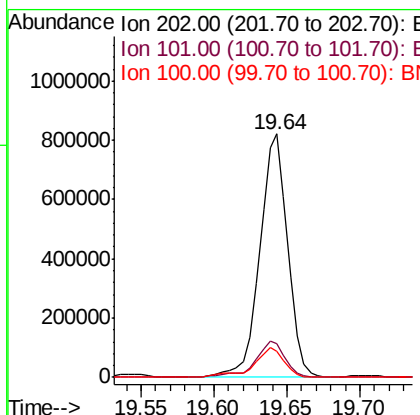
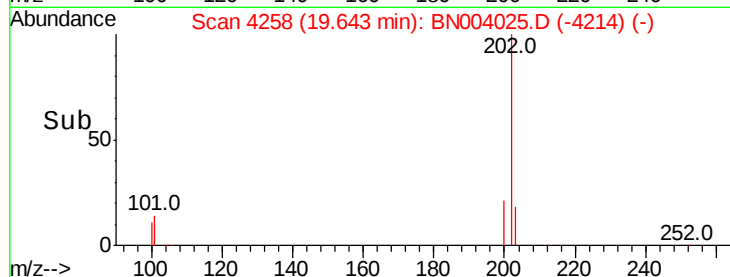
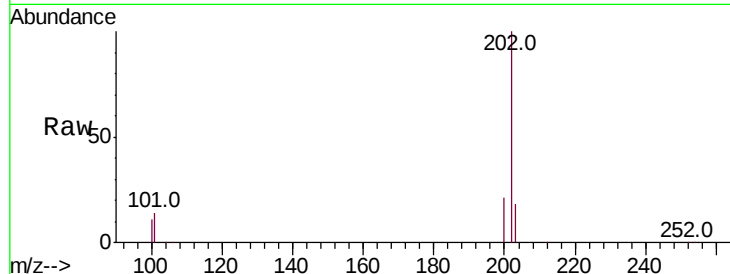
#17
Pvrene
Concen: 18.953 ng/ul
RT: 19.64 min Scan# 4258
Delta R.T. 0.00 min
Lab File: BN004025.D
Acq: 17 Dec 2018 08:57

Instrument :
BNA_N
ClientSampled :
F9F02

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

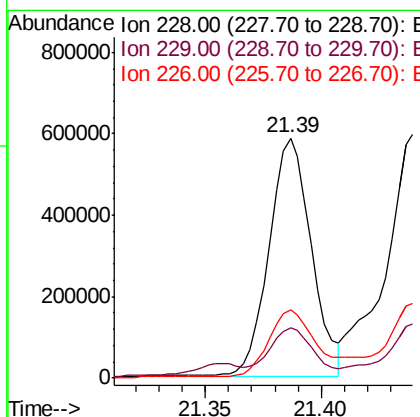
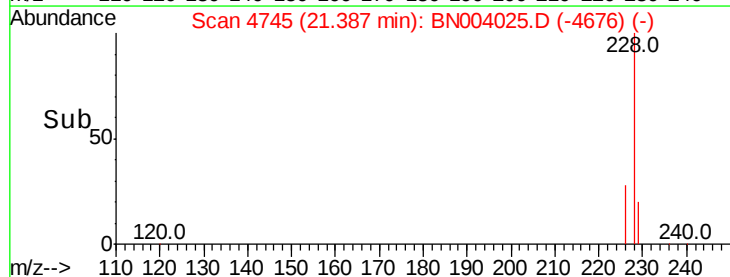
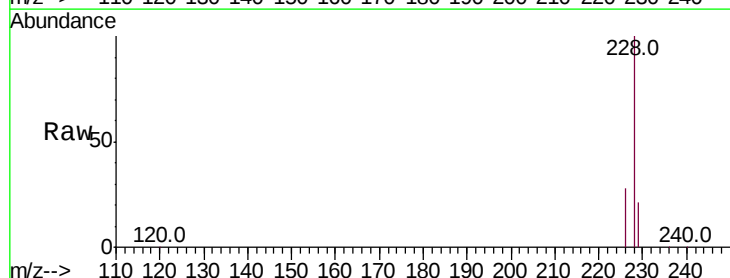
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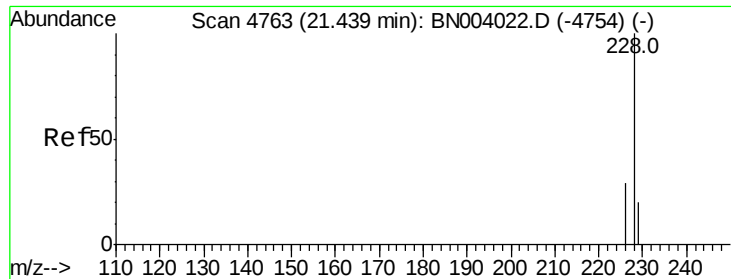
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#18
Benzo(a)anthracene
Concen: 14.659 ng/ul m
RT: 21.39 min Scan# 4745
Delta R.T. 0.00 min
Lab File: BN004025.D
Acq: 17 Dec 2018 08:57

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.6	23.4
226	28.3	21.1	31.7





#19

Chrysene

Concen: 14.582 ng/ul m

RT: 21.44 min Scan# 4763

Delta R.T. -0.00 min

Lab File: BN004025.D

Acq: 17 Dec 2018 08:57

Instrument :

BNA_N

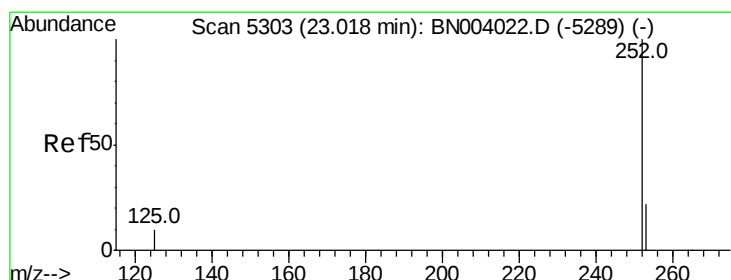
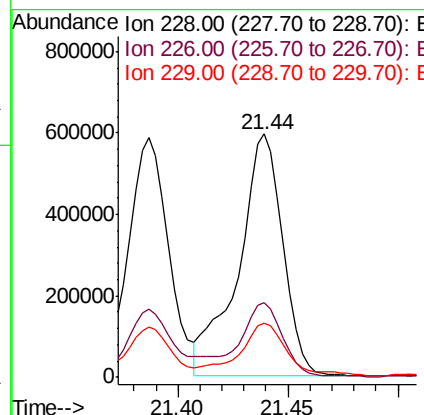
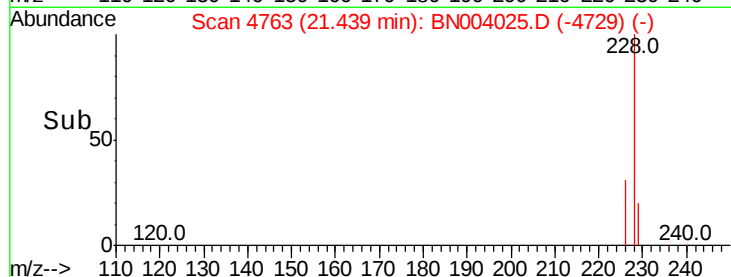
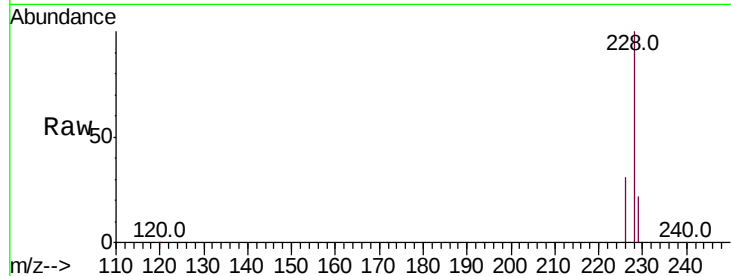
ClientSampleId :

F9F02

Tot Ion:	228	Resp:	842271
Ion Ratio	Lower	Upper	
228	100		
226	30.7	24.0	36.0
229	22.3	15.7	23.5

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#21

Benzo(b)fluoranthene

Concen: 17.904 ng/ul m

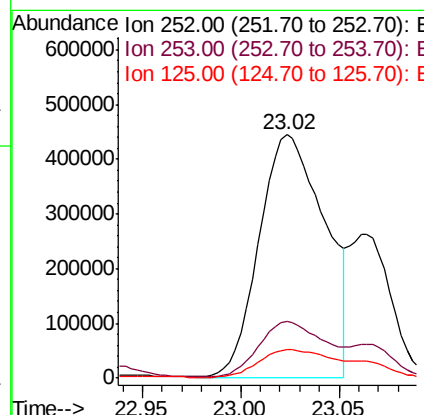
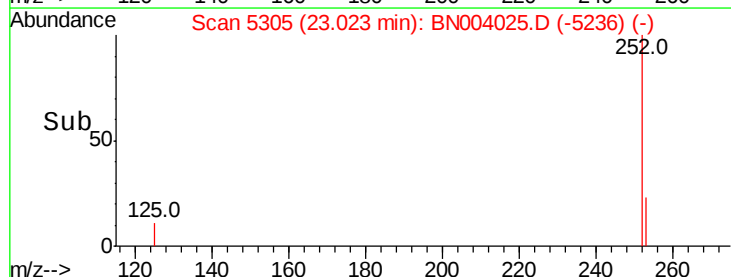
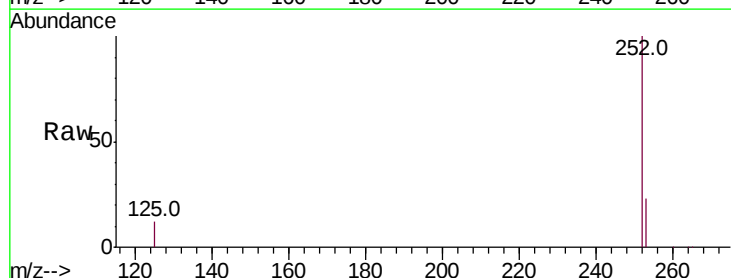
RT: 23.02 min Scan# 5305

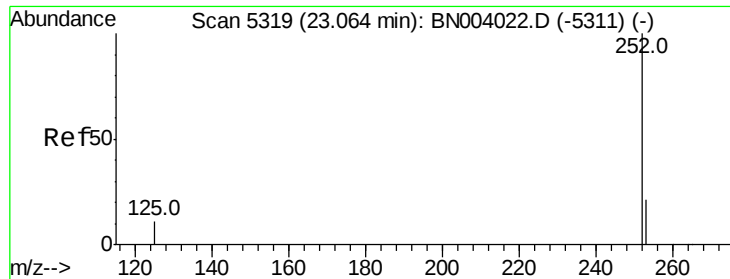
Delta R.T. 0.00 min

Lab File: BN004025.D

Acq: 17 Dec 2018 08:57

Tgt Ion:	252	Resp:	1046869
Ion Ratio	Lower	Upper	
252	100		
253	23.1	0.0	46.0
125	11.8	0.0	22.4





#22

Benzo(k)fluoranthene

Concen: 6.784 ng/ul m

RT: 23.06 min Scan# 5318

Delta R.T. -0.00 min

Lab File: BN004025.D

Acq: 17 Dec 2018 08:57

Instrument :

BNA_N

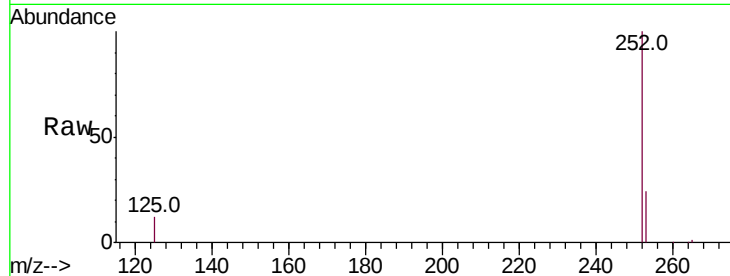
ClientSampled :

F9F02

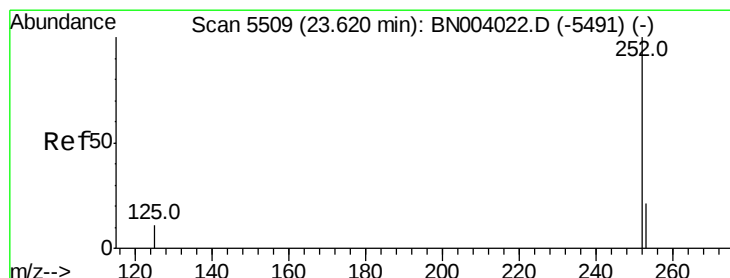
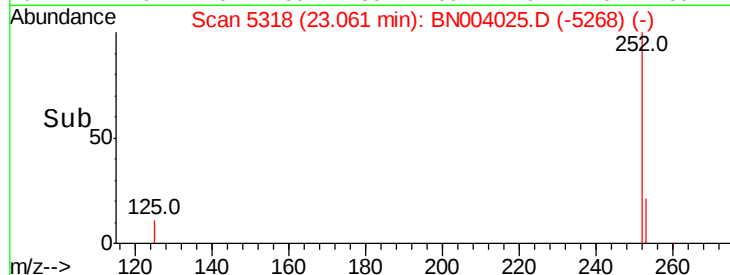
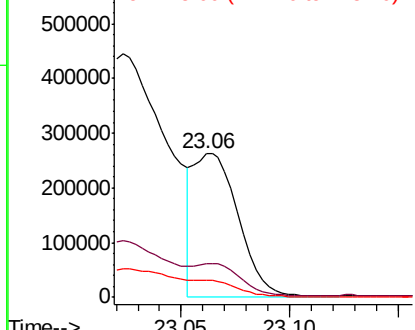
Tot Ion:	252	Resp:	386459
Ion Ratio	Lower	Upper	
252	100		
253	23.7	18.5	27.7
125	11.9	9.0	13.6

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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: 12.790 ng/ul m

RT: 23.63 min Scan# 5512

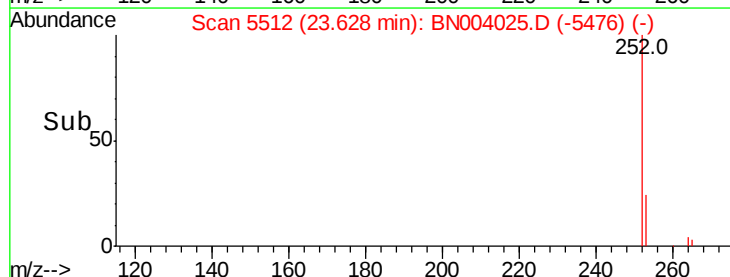
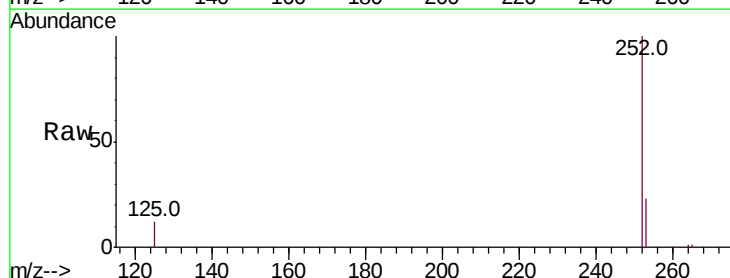
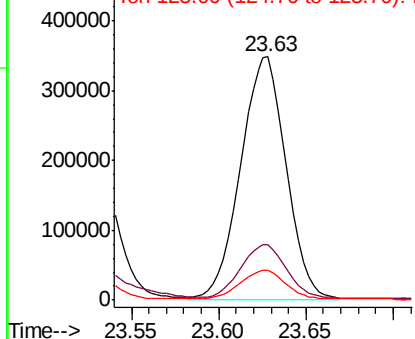
Delta R.T. 0.00 min

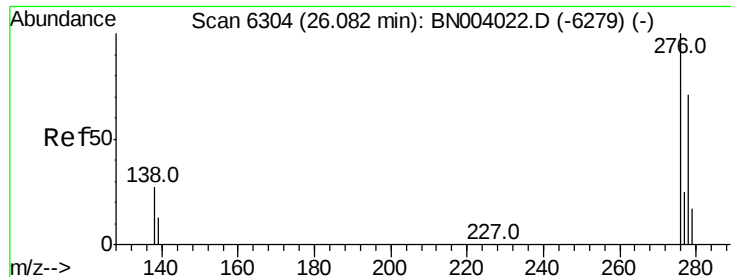
Lab File: BN004025.D

Acq: 17 Dec 2018 08:57

Tgt Ion:	252	Resp:	647621
Ion Ratio	Lower	Upper	
252	100		
253	22.9	19.0	28.4
125	12.2	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: 7.624 ng/ul m

RT: 26.09 min Scan# 6305

Delta R.T. 0.00 min

Lab File: BN004025.D

Acq: 17 Dec 2018 08:57

Instrument :

BNA_N

ClientSampleId :

F9F02

Tot Ion:276 Resp: 442657

Ion Ratio Lower Upper

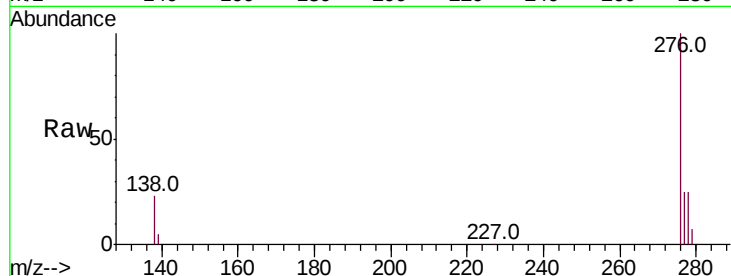
276 100

138 22.0 20.3 30.5

227 0.2 0.2 0.2#

Manual Integrations
APPROVED

Sohil
12/19/2018 4:08:32 PM

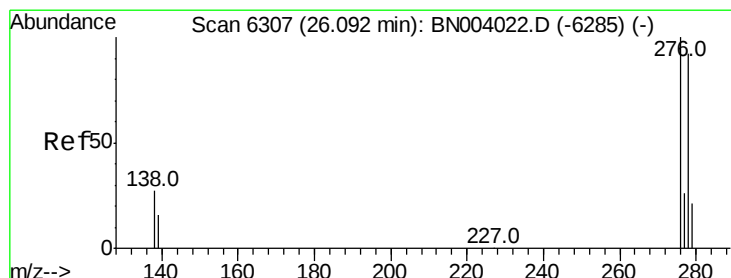
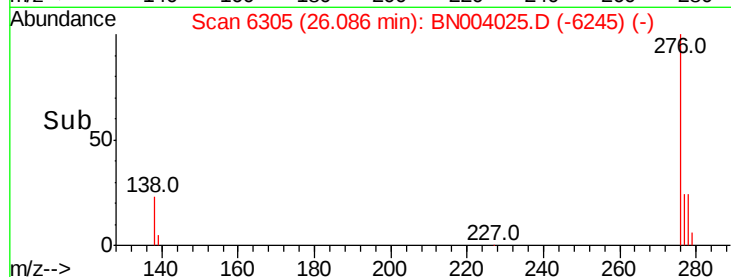
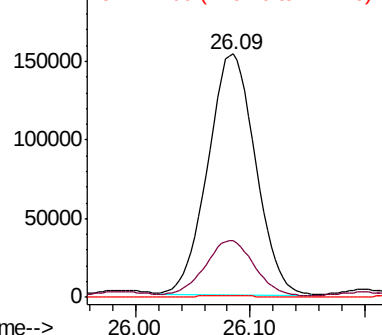


Abundance

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: 2.942 ng/ul m

RT: 26.09 min Scan# 6305

Delta R.T. -0.01 min

Lab File: BN004025.D

Acq: 17 Dec 2018 08:57

Tgt Ion:278 Resp: 137489

Ion Ratio Lower Upper

278 100

139 21.5 14.2 21.4#

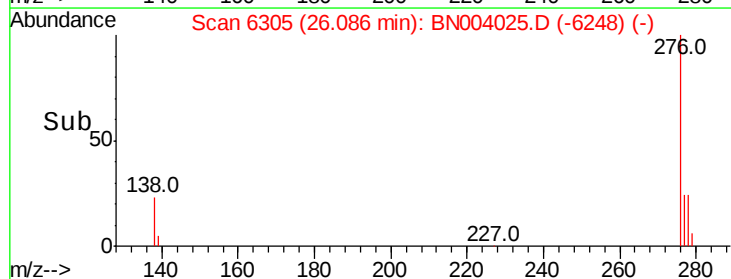
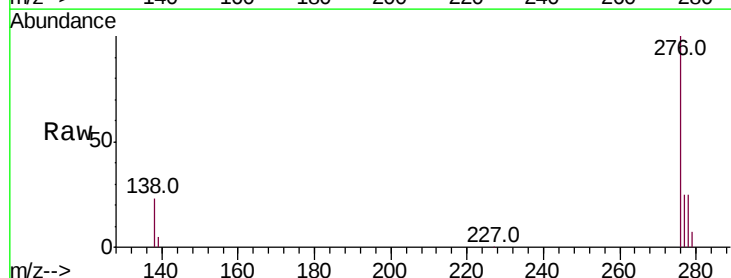
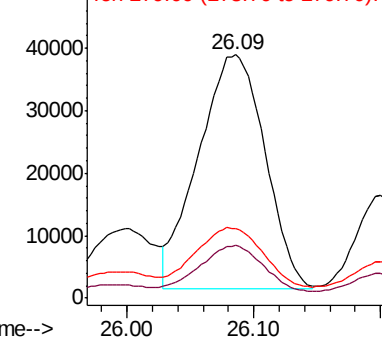
279 28.5 19.8 29.6

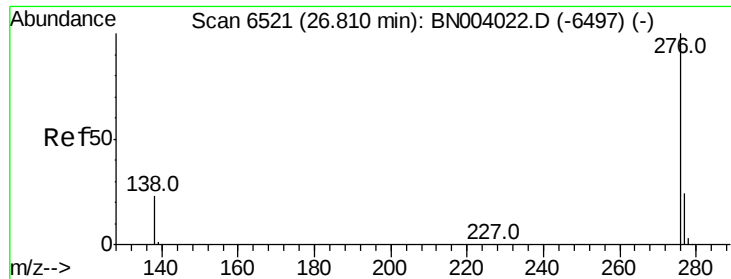
Abundance

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(a,h,i)perylene

Concen: 8.077 ng/ul m

RT: 26.82 min Scan# 6523

Delta R.T. -0.00 min

Lab File: BN004025.D

Acq: 17 Dec 2018 08:57

Instrument :

BNA_N

ClientSampleId :

F9F02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
407585	276	100			
	138	23.8		17.7	26.5
	277	24.5		19.3	28.9

Manual Integrations
APPROVED

Sohil
12/19/2018 4:08:32 PM

