

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121718\
 Data File : BN004054.D
 Acq On : 18 Dec 2018 02:03
 Operator : JU/SJ
 Sample : J6270-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9E01

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Quant Time: Dec 18 07:05:42 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	7.84	152	1578	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	7584	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	4670	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	12429m	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	14701m	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	13566m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	3464	0.30	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	12512m	0.34	ng/ul	0.00
Target Compounds				Qvalue		
7) Acenaphthylene	14.19	152	8023	0.382	ng/ul	98
8) Acenaphthene	14.53	153	565	0.031	ng/ul#	93
9) Fluorene	15.52	166	1031	0.048	ng/ul#	96
12) Phenanthrene	17.26	178	7014m	0.172	ng/ul	
13) Anthracene	17.35	178	8824m	0.263	ng/ul	
15) Fluoranthene	19.27	202	38470m	0.799	ng/ul	
17) Pyrene	19.64	202	39722m	0.753	ng/ul	
18) Benzo(a)anthracene	21.38	228	27408	0.590	ng/ul	92
19) Chrysene	21.43	228	32918m	0.619	ng/ul	
21) Benzo(b)fluoranthene	23.02	252	54529m	0.972	ng/ul	
22) Benzo(k)fluoranthene	23.06	252	18335m	0.335	ng/ul	
23) Benzo(a)pyrene	23.62	252	26555m	0.546	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.08	276	25598m	0.459	ng/ul	
25) Dibenzo(a,h)anthracene	26.08	278	8679m	0.194	ng/ul	
26) Benzo(g,h,i)perylene	26.82	276	35068m	0.724	ng/ul	

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

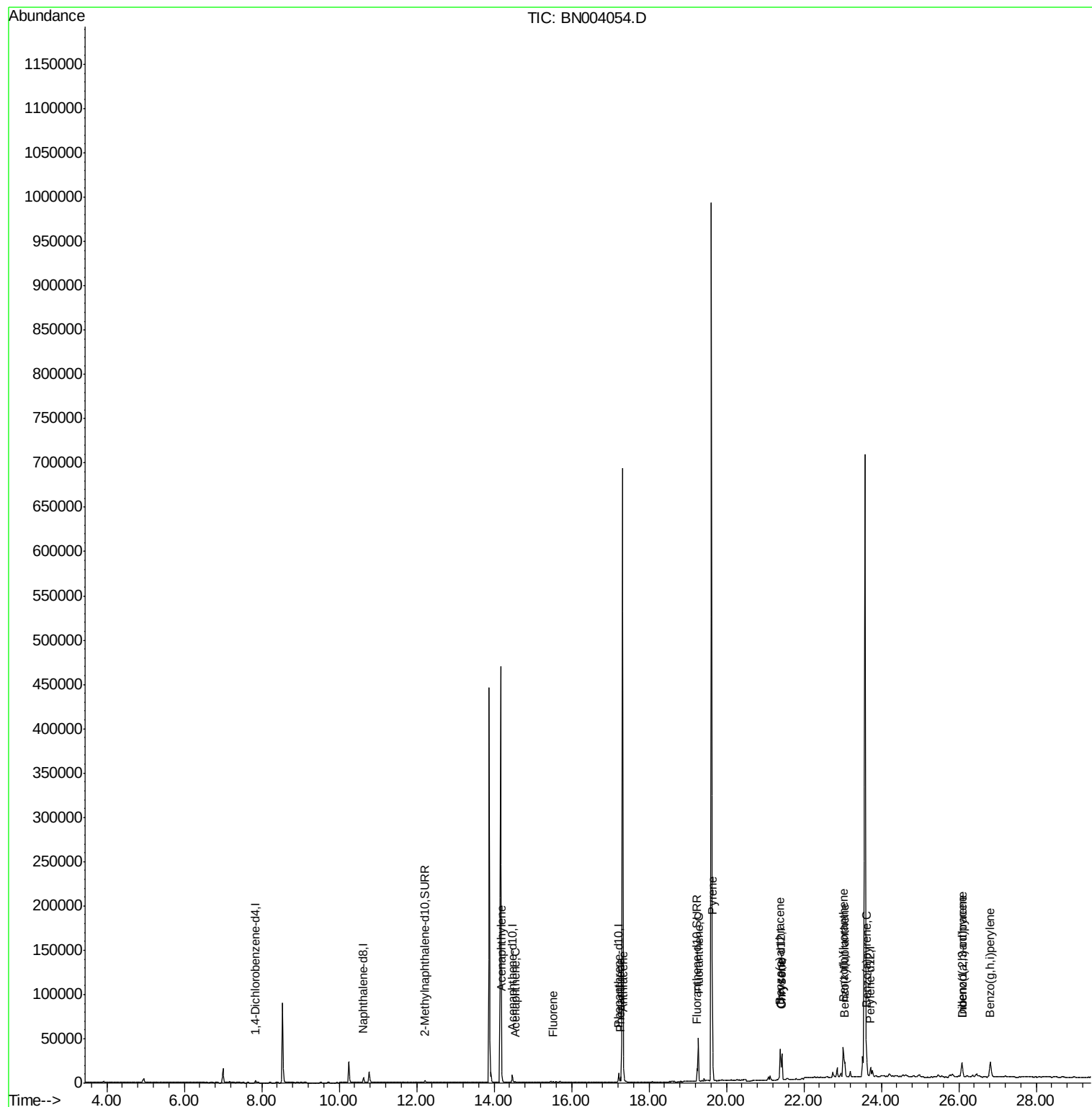
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121718\
Data File : BN004054.D
Acq On : 18 Dec 2018 02:03
Operator : JU/SJ
Sample : J6270-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

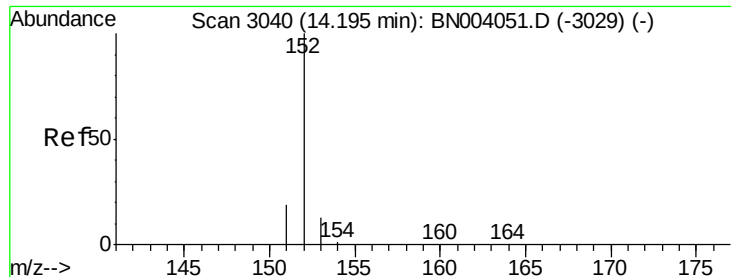
Instrument :
BNA_N
ClientSampleId :
F9E01

Quant Time: Dec 18 07:05:42 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 06:35:27 2018
Response via : Initial Calibration

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#7

Acenaphthylene

Concen: 0.382 ng/ul

RT: 14.19 min Scan# 3040

Delta R.T. 0.00 min

Lab File: BN004054.D

Acq: 18 Dec 2018 02:03

Instrument :

BNA_N

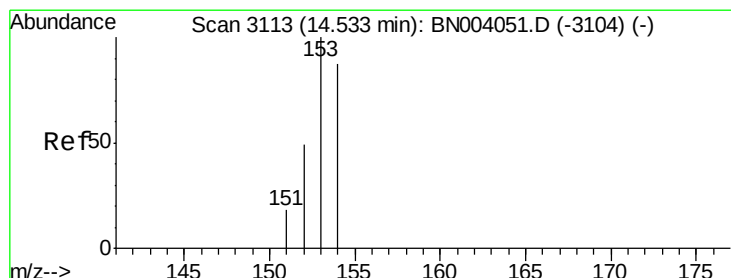
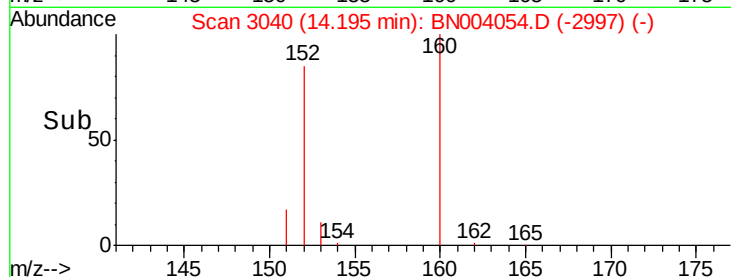
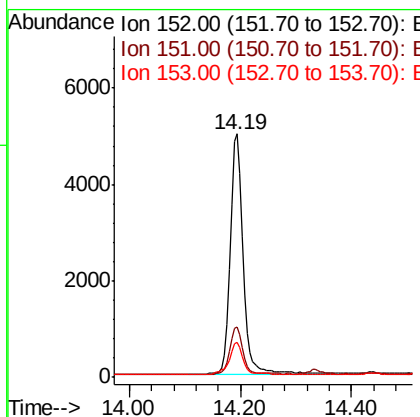
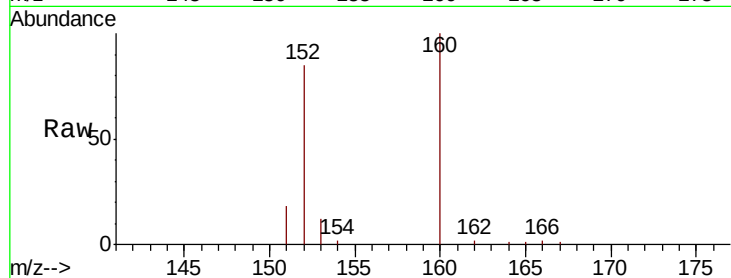
ClientSampleId :

F9E01

Tgt Ion:	152	Resp:	8023
Ion Ratio	Lower	Upper	
152	100		
151	20.6	15.9	23.9
153	14.3	10.7	16.1

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#8

Acenaphthene

Concen: 0.031 ng/ul

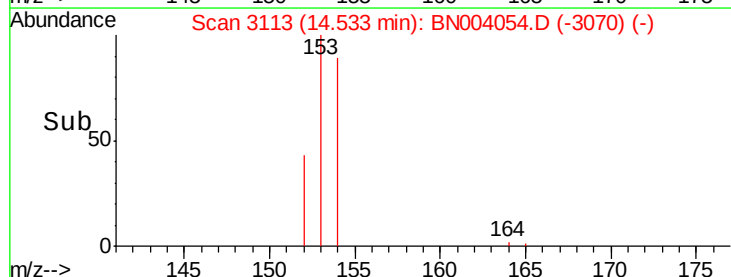
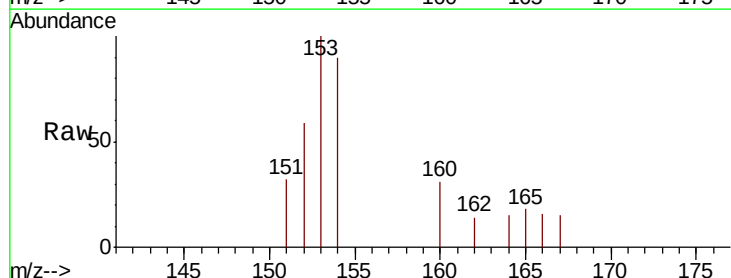
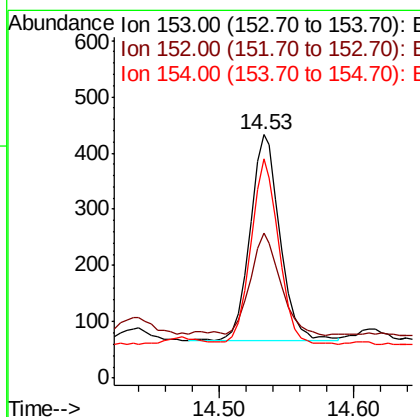
RT: 14.53 min Scan# 3113

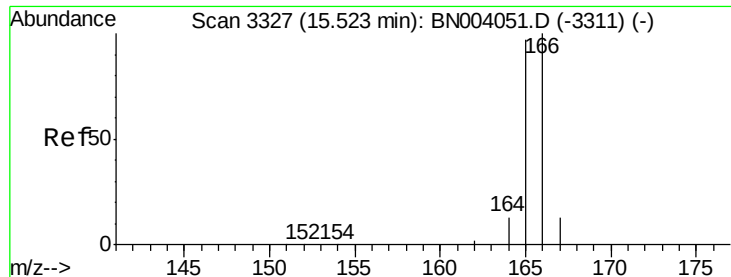
Delta R.T. 0.00 min

Lab File: BN004054.D

Acq: 18 Dec 2018 02:03

Tgt Ion:	153	Resp:	565
Ion Ratio	Lower	Upper	
153	100		
152	59.4	39.3	58.9#
154	90.3	70.3	105.5





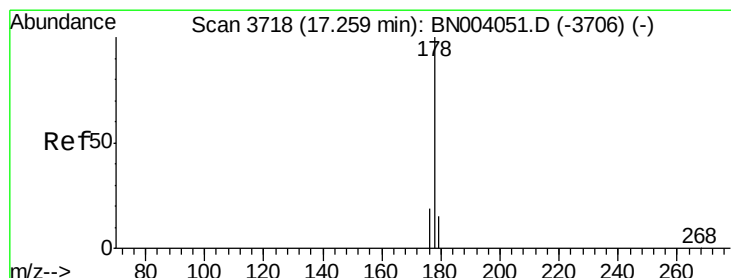
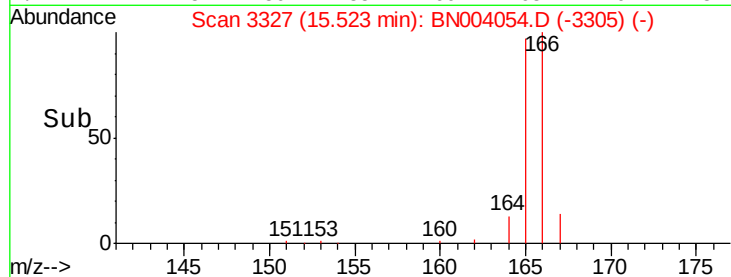
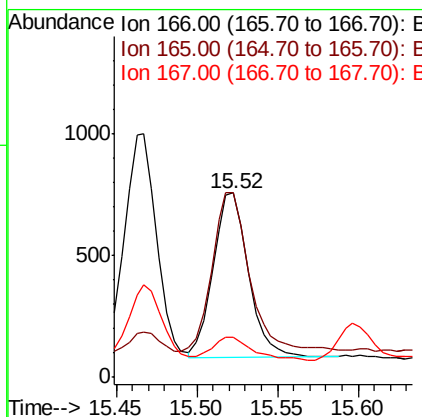
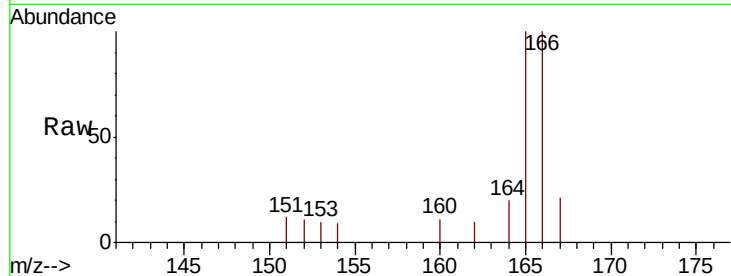
#9
Fluorene
 Concen: 0.048 ng/ul
 RT: 15.52 min Scan# 3327
 Delta R.T. 0.00 min
 Lab File: BN004054.D
 Acq: 18 Dec 2018 02:03

Instrument :
 BNA_N
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.4	78.3	117.5
167	21.4	11.3	16.9#

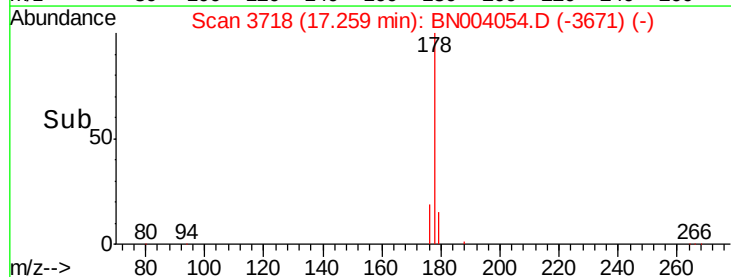
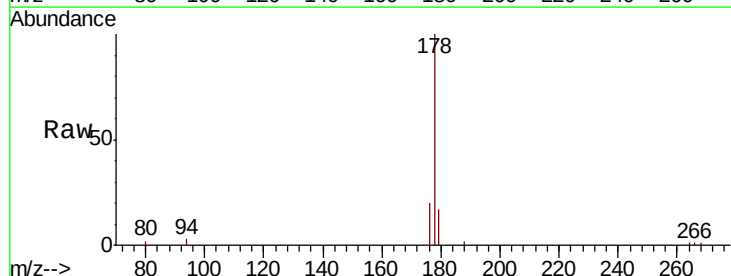
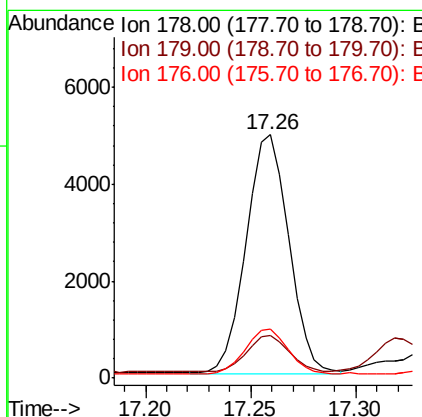
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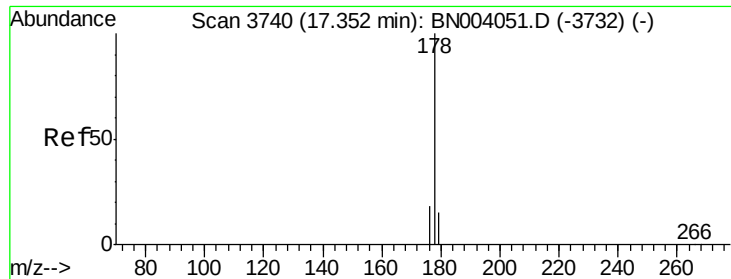
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#12
Phenanthrene
 Concen: 0.172 ng/ul m
 RT: 17.26 min Scan# 3718
 Delta R.T. 0.00 min
 Lab File: BN004054.D
 Acq: 18 Dec 2018 02:03

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.5	12.5	18.7
176	20.2	15.0	22.4





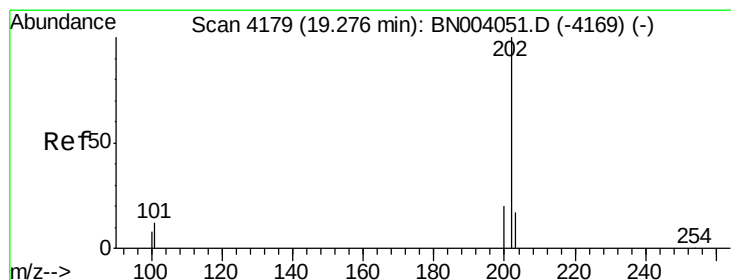
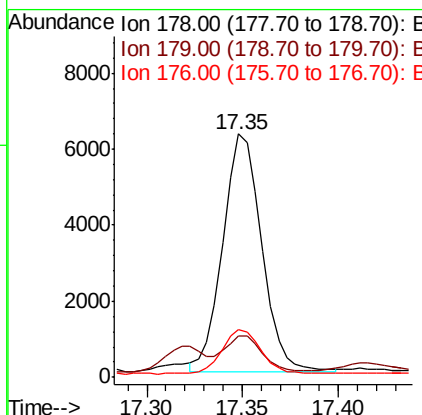
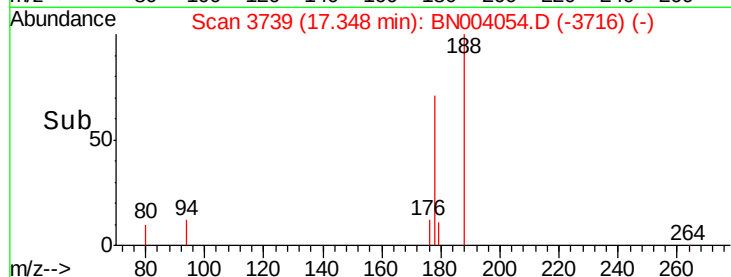
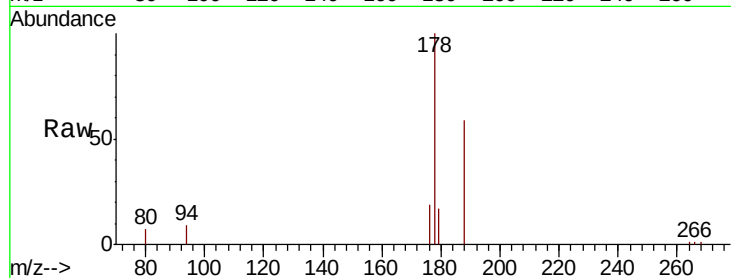
#13
 Anthracene
 Concen: 0.263 ng/ul m
 RT: 17.35 min Scan# 3739
 Delta R.T. -0.00 min
 Lab File: BN004054.D
 Acq: 18 Dec 2018 02:03

Instrument :
 BNA_N
 ClientSampleId :
 F9E01

Tgt Ion:178 Resp: 8824
 Ion Ratio Lower Upper
 178 100
 179 17.0 12.3 18.5
 176 19.4 14.8 22.2

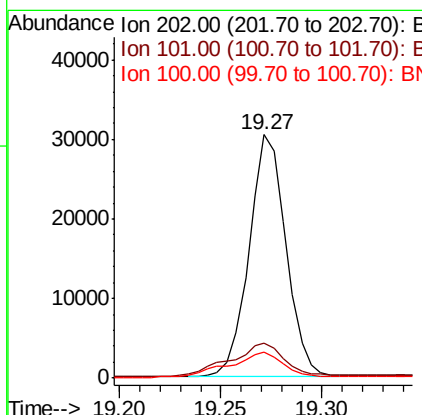
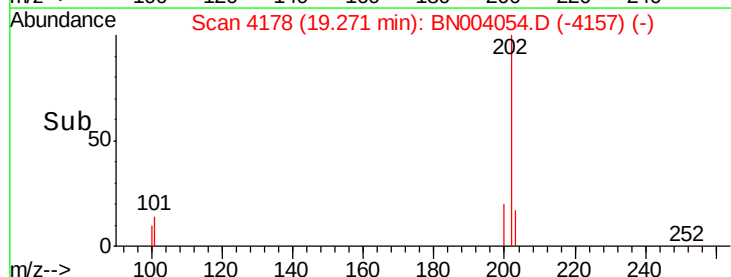
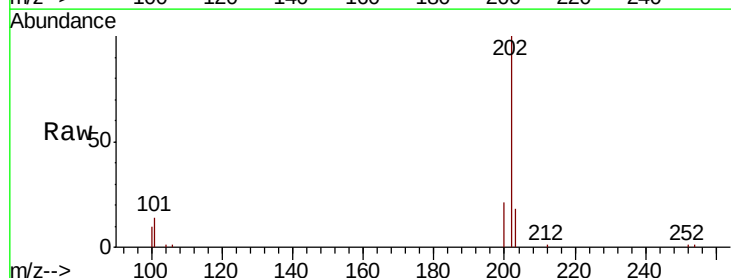
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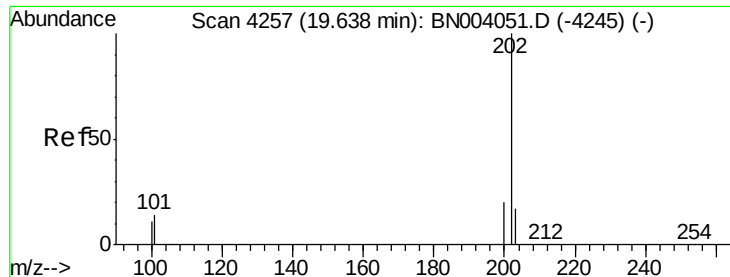
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#15
 Fluoranthene
 Concen: 0.799 ng/ul m
 RT: 19.27 min Scan# 4178
 Delta R.T. -0.00 min
 Lab File: BN004054.D
 Acq: 18 Dec 2018 02:03

Tgt Ion:202 Resp: 38470
 Ion Ratio Lower Upper
 202 100
 101 14.3 0.0 30.7
 100 10.4 0.0 28.1





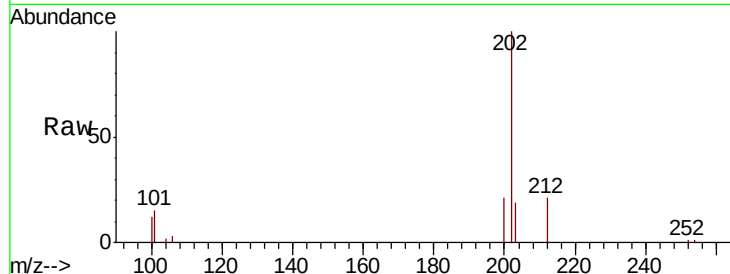
#17
 Pyrene
 Concen: 0.753 ng/ul m
 RT: 19.64 min Scan# 4257
 Delta R.T. 0.00 min
 Lab File: BN004054.D
 Acq: 18 Dec 2018 02:03

Instrument :
 BNA_N
 ClientSampleId :
 F9E01

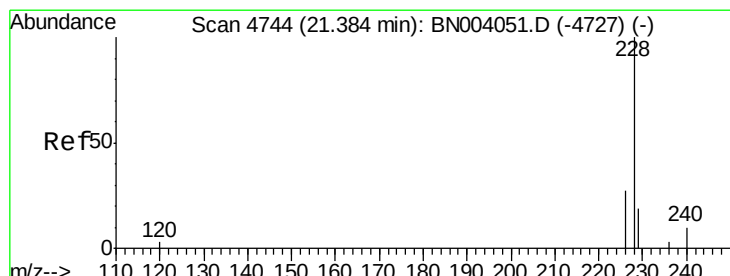
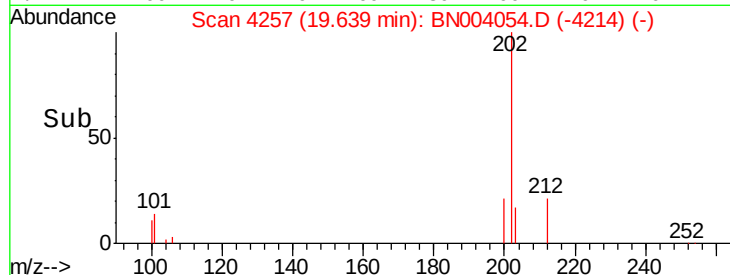
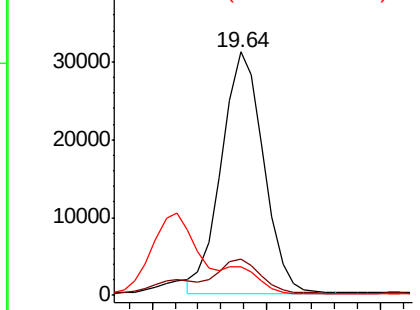
Tgt Ion:	202	Resp:	39722
Ion Ratio	Lower	Upper	
202	100		
101	15.0	10.3	15.5
100	11.8	8.5	12.7

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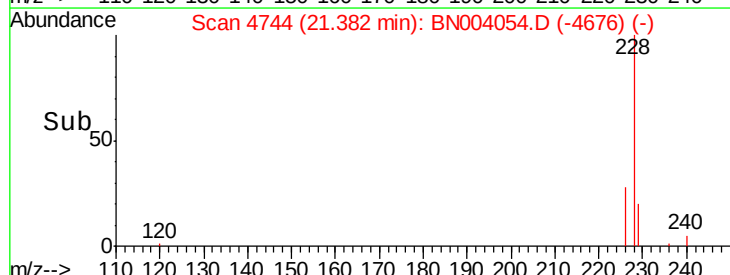
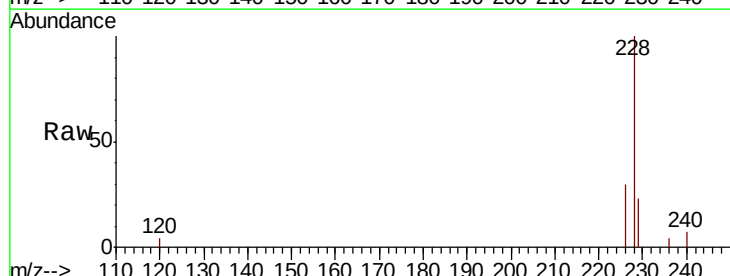
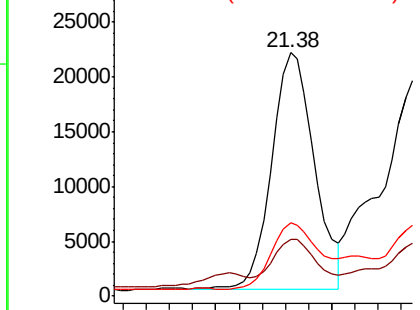
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

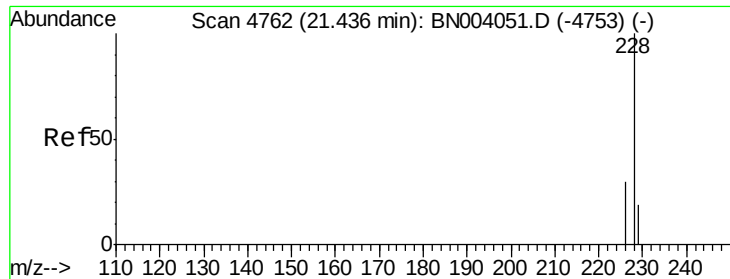


#18
 Benzo(a)anthracene
 Concen: 0.590 ng/ul
 RT: 21.38 min Scan# 4744
 Delta R.T. -0.00 min
 Lab File: BN004054.D
 Acq: 18 Dec 2018 02:03

Tgt Ion:	228	Resp:	27408
Ion Ratio	Lower	Upper	
228	100		
229	23.3	15.6	23.4
226	30.1	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: 0.619 ng/ul m

RT: 21.43 min Scan# 4762

Delta R.T. -0.00 min

Lab File: BN004054.D

Acq: 18 Dec 2018 02:03

Instrument :

BNA_N

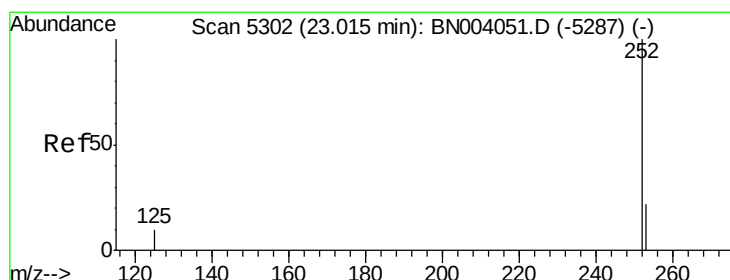
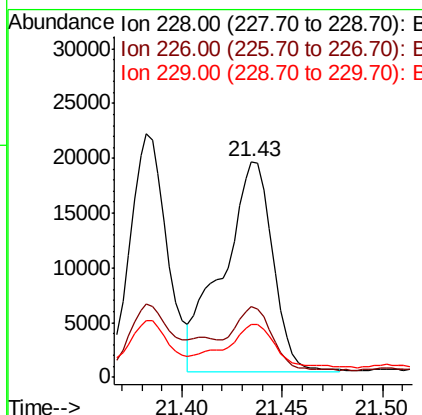
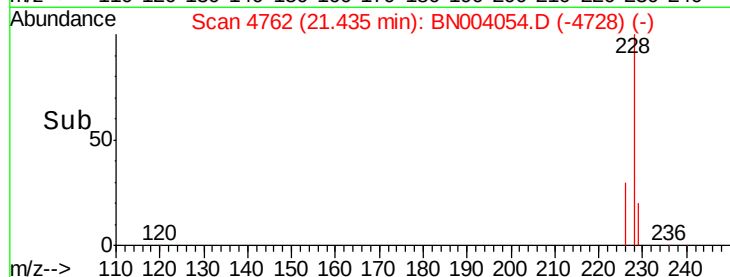
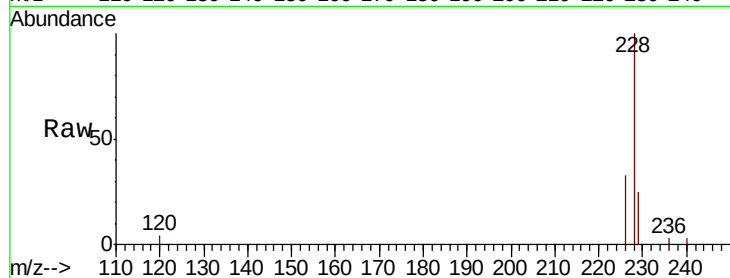
ClientSampled :

F9E01

Tgt Ion:	228	Resp:	32918
Ion Ratio	Lower	Upper	
228	100		
226	32.8	24.0	36.0
229	24.6	15.7	23.5#

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#21

Benzo(b)fluoranthene

Concen: 0.972 ng/ul m

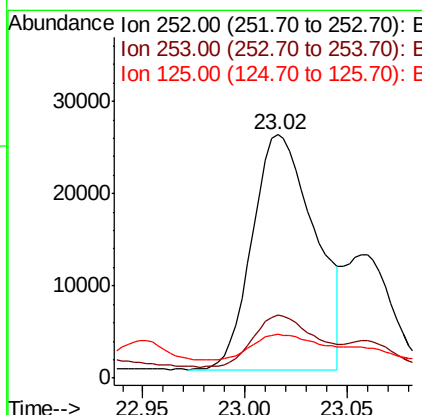
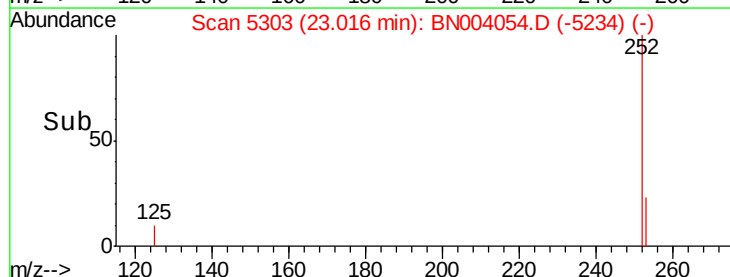
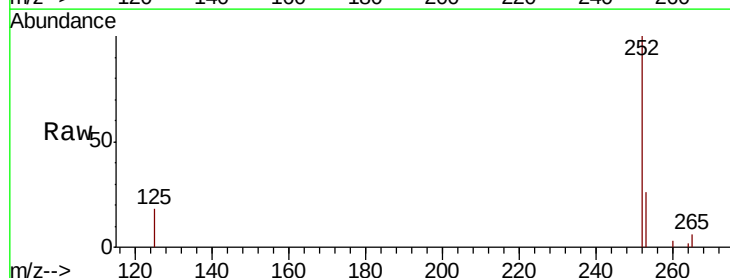
RT: 23.02 min Scan# 5303

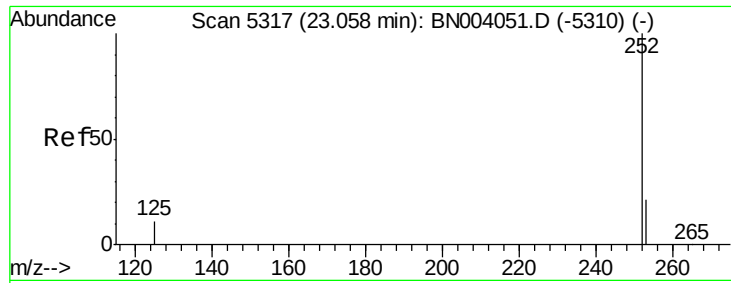
Delta R.T. 0.00 min

Lab File: BN004054.D

Acq: 18 Dec 2018 02:03

Tgt Ion:	252	Resp:	54529
Ion Ratio	Lower	Upper	
252	100		
253	26.0	0.0	46.0
125	17.9	0.0	22.4





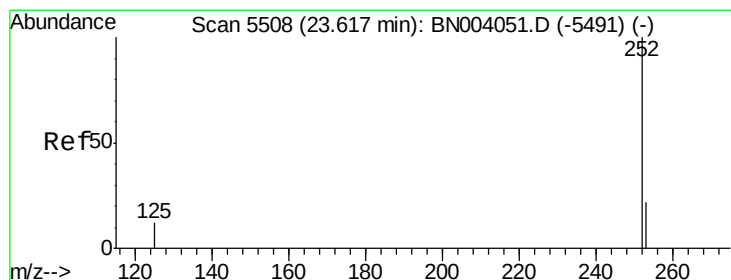
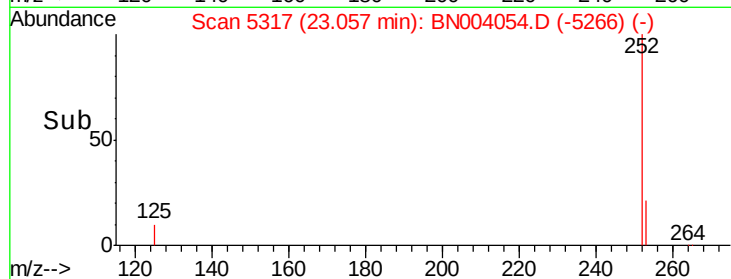
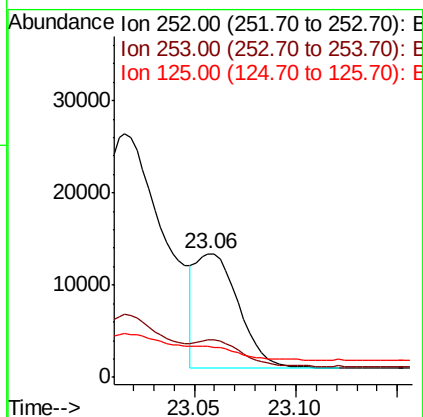
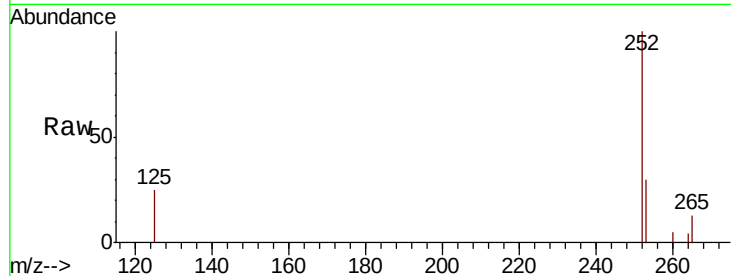
#22
Benzo(k)fluoranthene
Concen: 0.335 ng/ul m
RT: 23.06 min Scan# 5317
Delta R.T. -0.00 min
Lab File: BN004054.D
Acq: 18 Dec 2018 02:03

Instrument :
BNA_N
ClientSampleId :
F9E01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.1	18.5	27.7#
125	24.9	9.0	13.6#

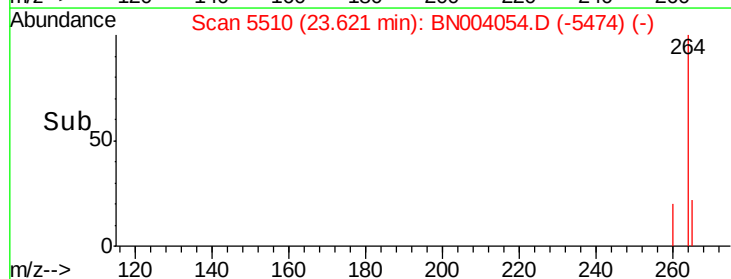
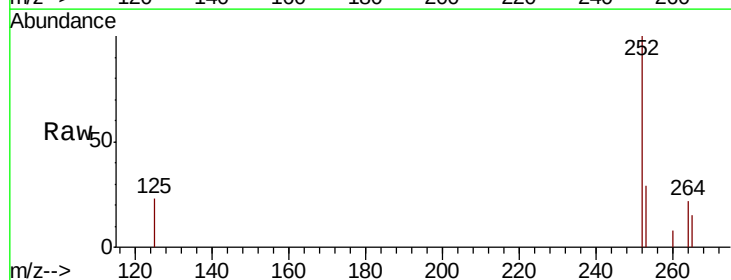
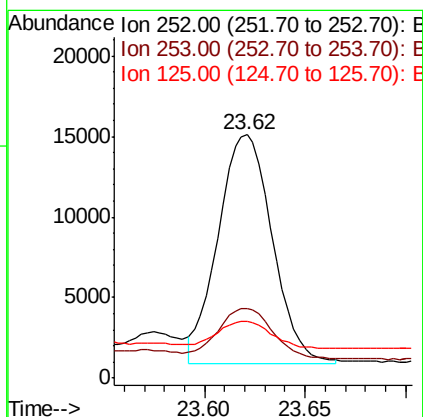
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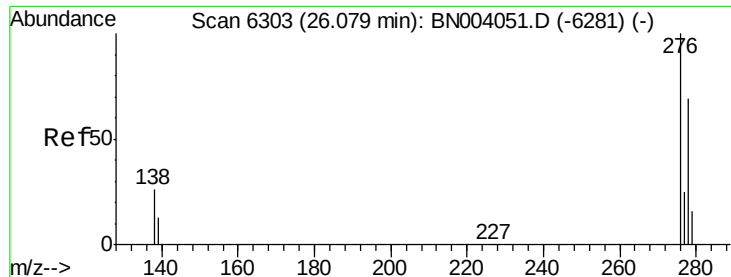
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#23
Benzo(a)pyrene
Concen: 0.546 ng/ul m
RT: 23.62 min Scan# 5510
Delta R.T. 0.00 min
Lab File: BN004054.D
Acq: 18 Dec 2018 02:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.7	19.0	28.4#
125	23.2	10.2	15.4#





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.459 ng/ul m

RT: 26.08 min Scan# 6304

Delta R.T. 0.00 min

Lab File: BN004054.D

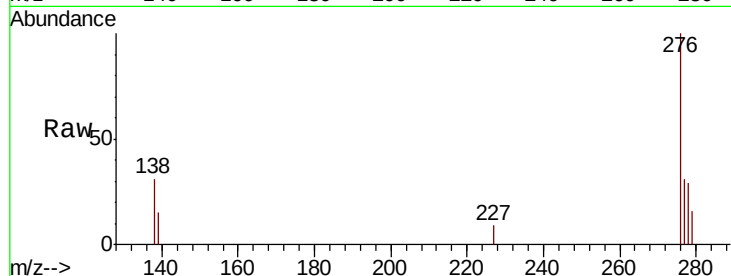
Acq: 18 Dec 2018 02:03

Instrument :
BNA_N
ClientSampled :
F9E01

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	0.6	20.3	30.5#
227	0.1	0.2	0.2#

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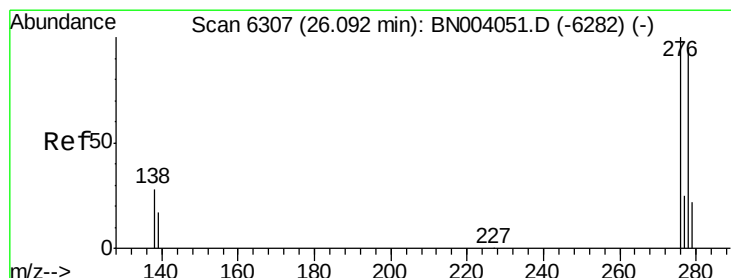
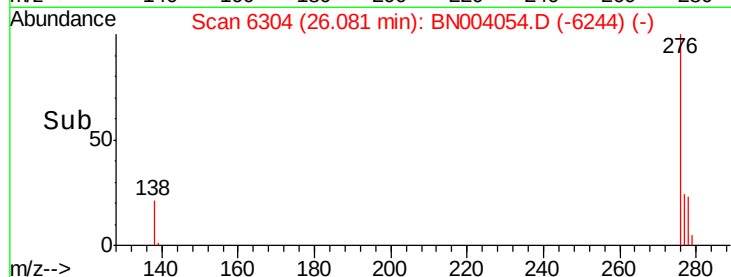
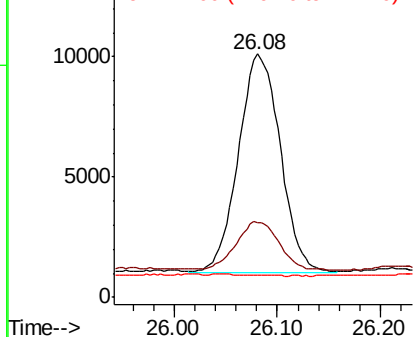
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Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



#25

Dibenzo(a,h)anthracene

Concen: 0.194 ng/ul m

RT: 26.08 min Scan# 6304

Delta R.T. -0.01 min

Lab File: BN004054.D

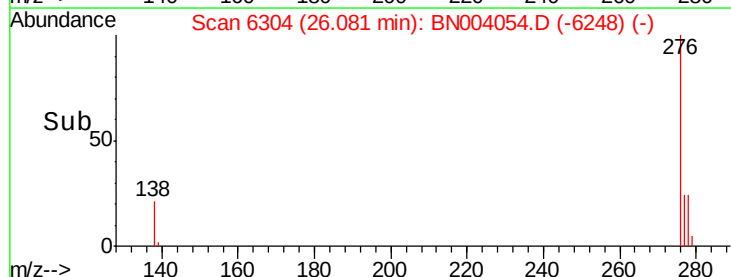
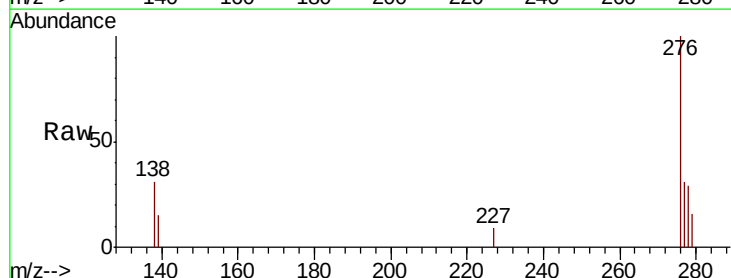
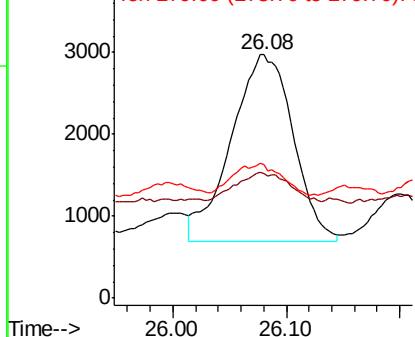
Acq: 18 Dec 2018 02:03

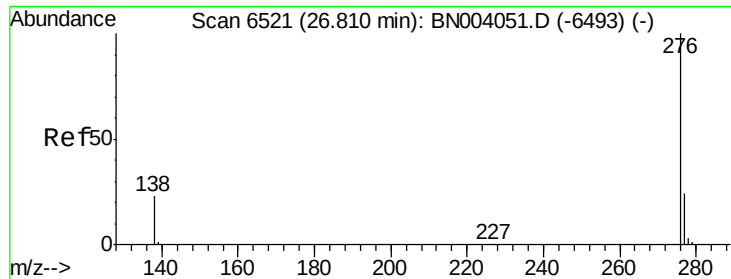
Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	51.4	14.2	21.4#
279	54.8	19.8	29.6#

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





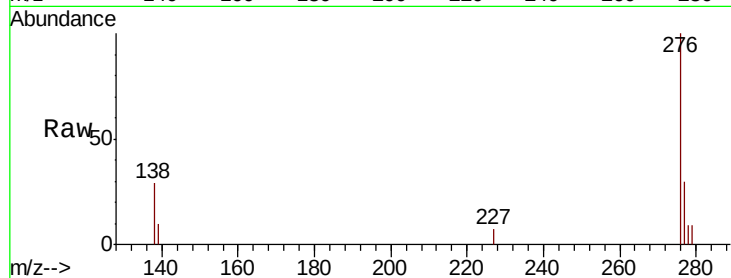
#26
Benzo(g,h,i)perylene
Concen: 0.724 ng/ul m
RT: 26.82 min Scan# 6523
Delta R.T. 0.01 min
Lab File: BN004054.D
Acq: 18 Dec 2018 02:03

Instrument :
BNA_N
ClientSampleId :
F9E01

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.4	17.7	26.5#
277	29.5	19.3	28.9#

Manual Integrations
APPROVED

Sohil
12/18/2018 5:56:41 PM



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

