

Data Path : Z:\HPCHEM1\BNA N\DATA\BN050318\
 Data File : BN001116.D
 Acq On : 03 May 2018 20:21
 Operator : JU/SJ
 Sample : J2633-10
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DASA0

Manual Integrations
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Quant Time: May 04 08:30:21 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 04 08:04:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	94855	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	383693	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	188442	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	378195	20.00	ng/ul	0.00
17) Chrysene-d12	21.22	240	372850	20.00	ng/ul	0.00
22) Perylene-d12	23.41	264	412657	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	13.95	160	578801	31.98	ng/ul	0.00
10) Fluorene-d10	15.25	176	391253	32.39	ng/ul	0.00
14) Anthracene-d10	17.10	188	573489	33.16	ng/ul	0.00
18) Pyrene-d10	19.41	212	597956	31.30	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.28	264	688270	35.31	ng/ul	0.00
Target Compounds				Ovalue		
8) Acenaphthylene	13.98	152	23737	1.325	ng/ul	98
9) Acenaphthene	14.32	153	30527	2.467	ng/ul	96
11) Fluorene	15.31	166	43403	3.294	ng/ul	91
13) Phenanthrene	17.05	178	1003912	48.670	ng/ul	99
15) Anthracene	17.14	178	232575	11.241	ng/ul	99
16) Fluoranthene	19.07	202	1795061	85.775	ng/ul#	92
19) Pyrene	19.44	202	1347207	56.254	ng/ul#	87
20) Benzo(a)anthracene	21.20	228	799868m	35.888	ng/ul	
21) Chrysene	21.25	228	737570m	35.209	ng/ul	
23) Benzo(b)fluoranthene	22.76	252	902220m	38.472	ng/ul	
24) Benzo(k)fluoranthene	22.80	252	237253m	10.339	ng/ul	
26) Benzo(a)pyrene	23.32	252	514151	22.941	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	25.60	276	338262	12.496	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.61	278	105846	4.691	ng/ul#	88
29) Benzo(g,h,i)perylene	26.27	276	318136	14.051	ng/ul#	93

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

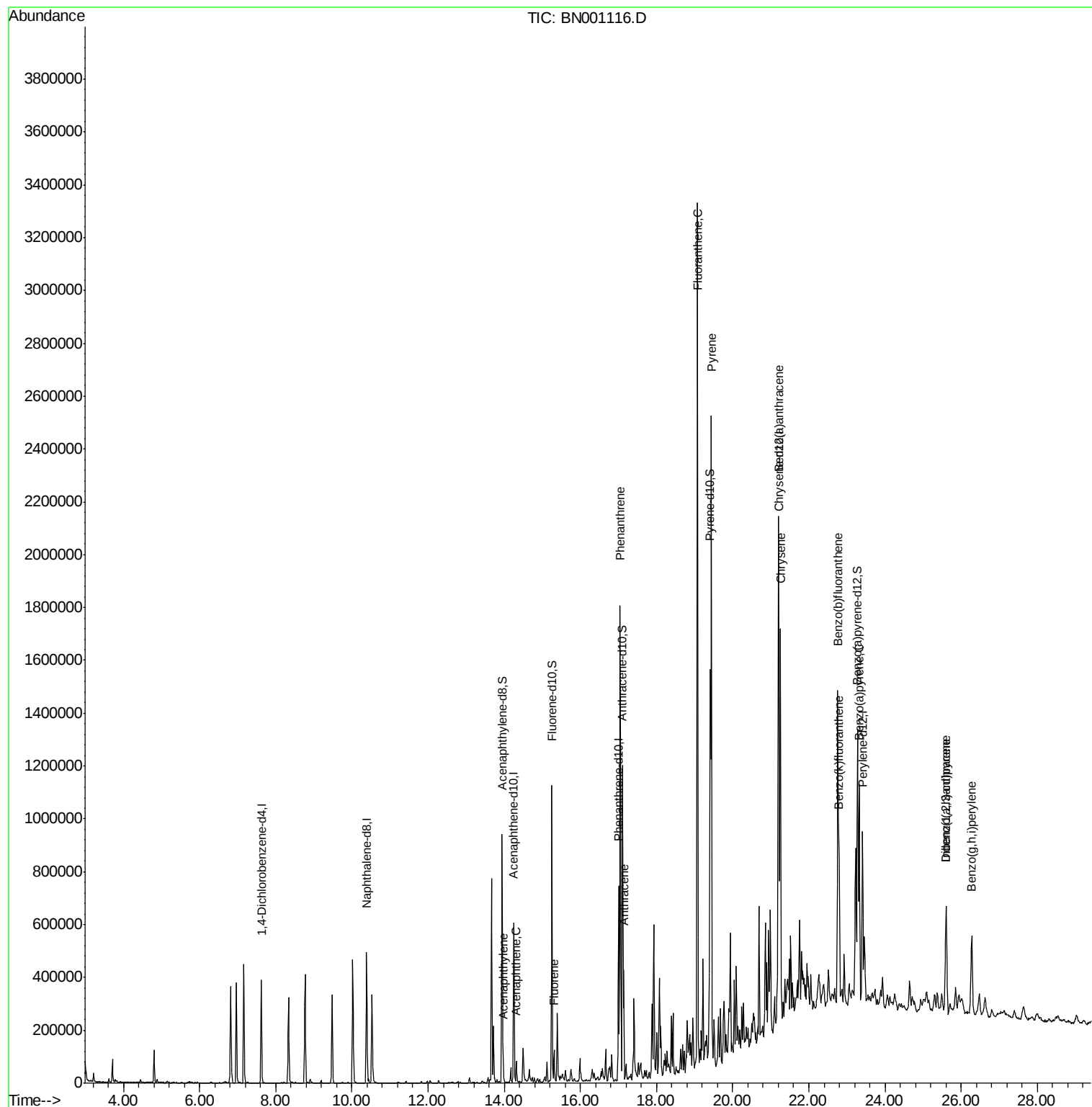
Data Path : Z:\HPCHEM1\BNA N\DATA\BN050318\
Data File : BN001116.D
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Sample : J2633-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

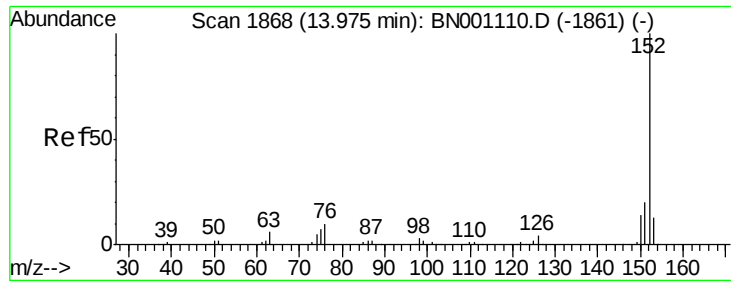
Instrument :
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Quant Time: May 04 08:30:21 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 04 08:04:57 2018
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#8

Acenaphthylene

Concen: 1.325 ng/ul

RT: 13.98 min Scan# 1868

Delta R.T. 0.00 min

Lab File: BN001116.D

Acq: 03 May 2018 20:21

Instrument :

BNA_N

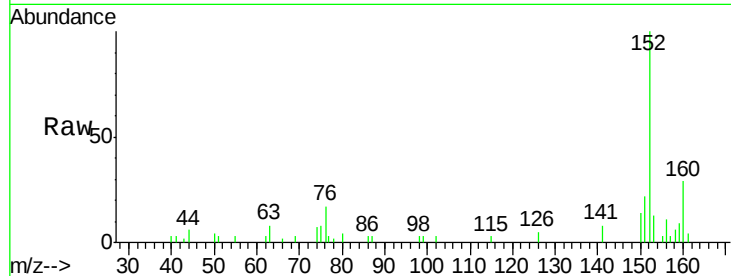
ClientSampled :

DASA0

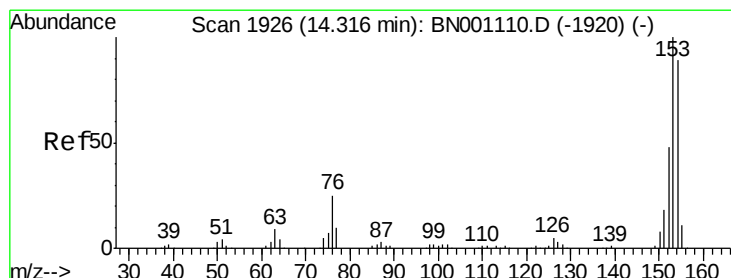
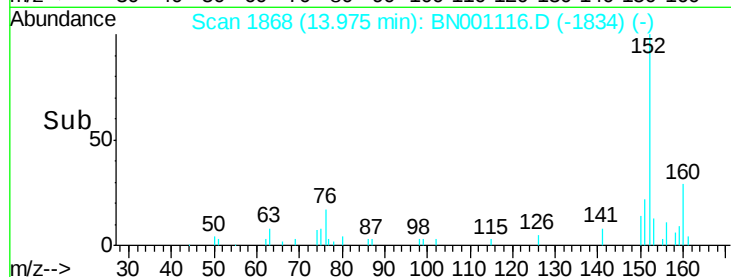
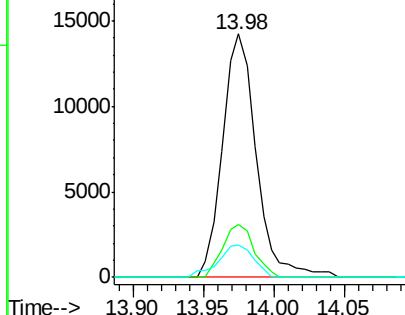
Tot Ion:	152	Resp:	23737
Ion Ratio	Lower	Upper	
152	100		
151	21.9	16.7	25.1
153	13.1	10.2	15.4

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#9

Acenaphthene

Concen: 2.467 ng/ul

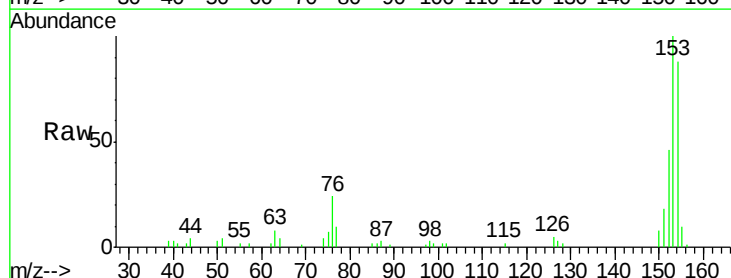
RT: 14.32 min Scan# 1926

Delta R.T. 0.00 min

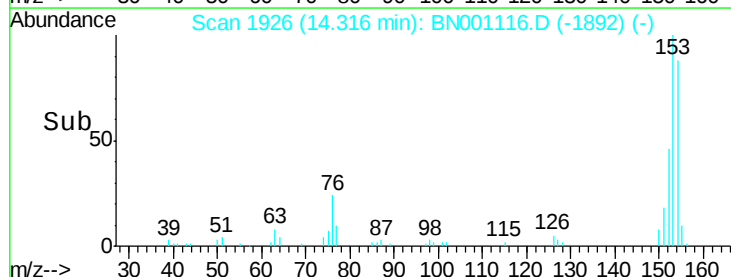
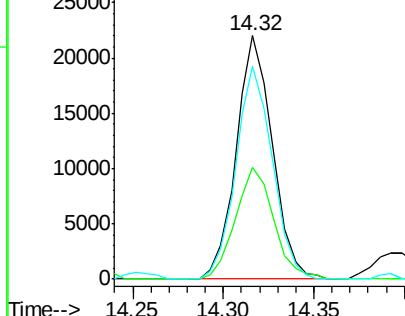
Lab File: BN001116.D

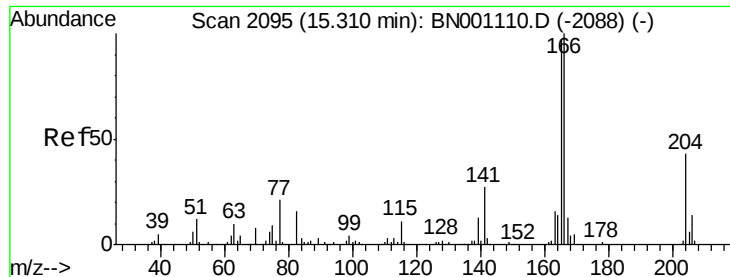
Acq: 03 May 2018 20:21

Tgt Ion:	153	Resp:	30527
Ion Ratio	Lower	Upper	
153	100		
152	46.0	39.0	58.6
154	87.5	66.8	100.2



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E





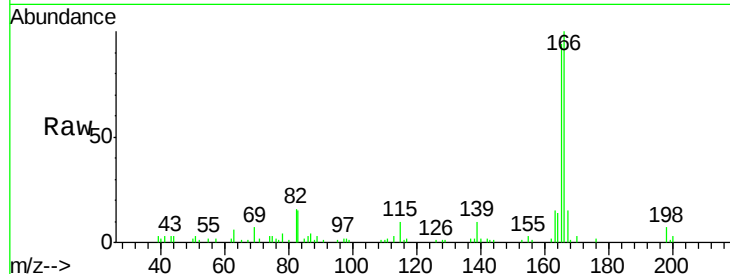
#11
Fluorene
 Concen: 3.294 ng/ul
 RT: 15.31 min Scan# 2095
 Delta R.T. 0.00 min
 Lab File: BN001116.D
 Acq: 03 May 2018 20:21

Instrument :
 BNA_N
 ClientSampleId :
 DASA0

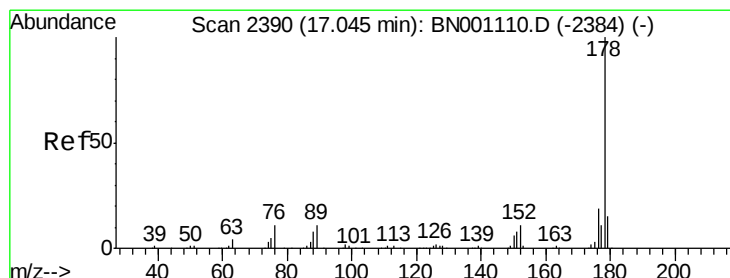
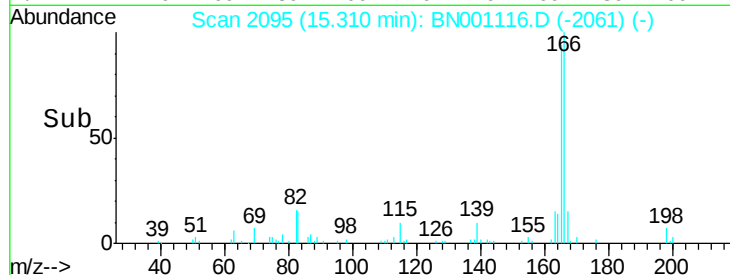
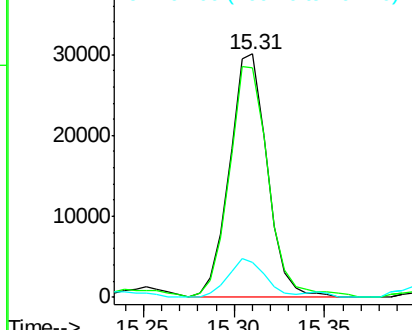
Tot Ion	Ratio	Lower	Upper
166	100		
165	94.1	83.8	125.8
167	14.6	11.5	17.3

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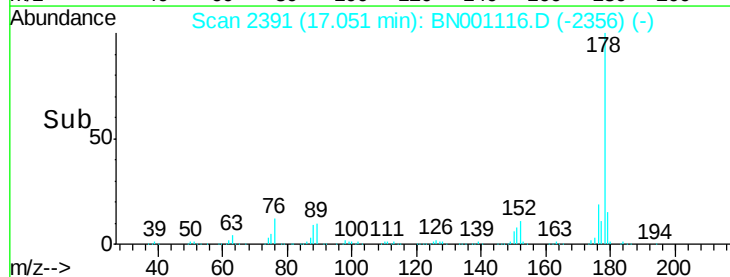
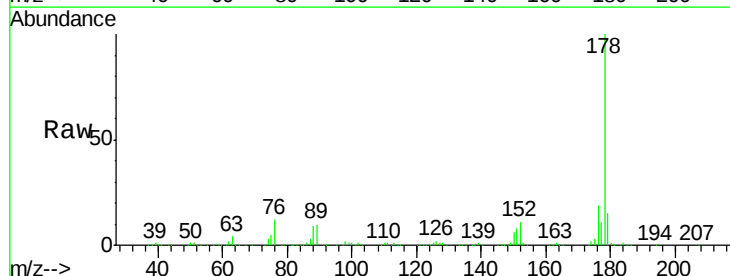
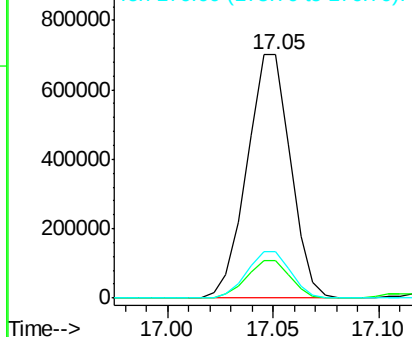
Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

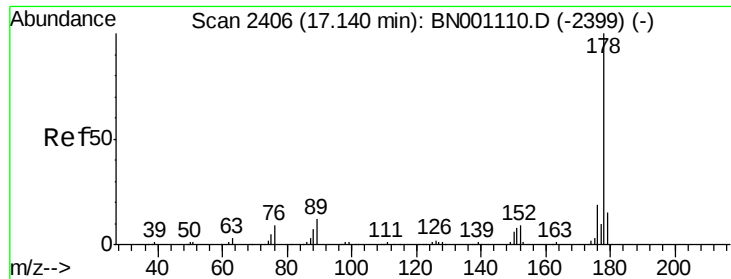


#13
Phenanthrene
 Concen: 48.670 ng/ul
 RT: 17.05 min Scan# 2391
 Delta R.T. 0.01 min
 Lab File: BN001116.D
 Acq: 03 May 2018 20:21

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.3	18.5
176	19.1	15.1	22.7

Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E





#15

Anthracene

Concen: 11.241 ng/ul

RT: 17.14 min Scan# 2406

Delta R.T. 0.00 min

Lab File: BN001116.D

Acq: 03 May 2018 20:21

Instrument :

BNA_N

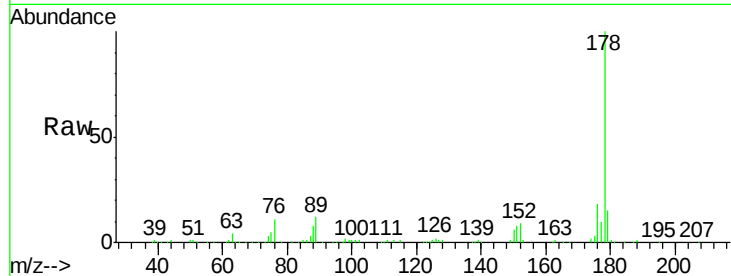
ClientSampled :

DASA0

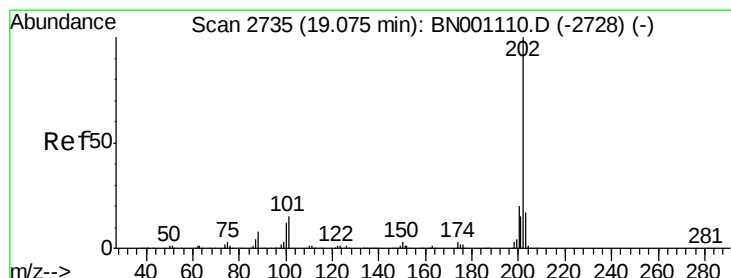
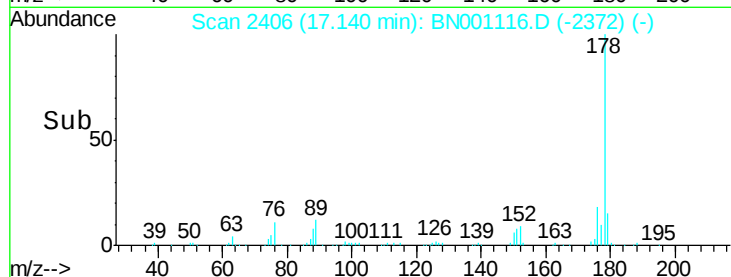
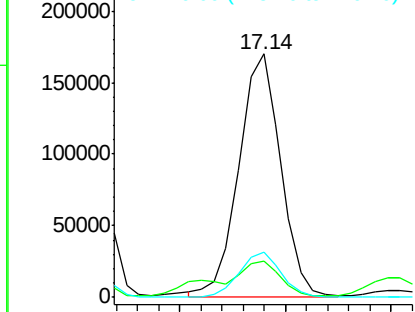
Tot Ion:	178	Resp:	232575
Ion Ratio	Lower	Upper	
178	100		
179	15.0	11.8	17.8
176	18.5	15.2	22.8

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#16

Fluoranthene

Concen: 85.775 ng/ul

RT: 19.07 min Scan# 2735

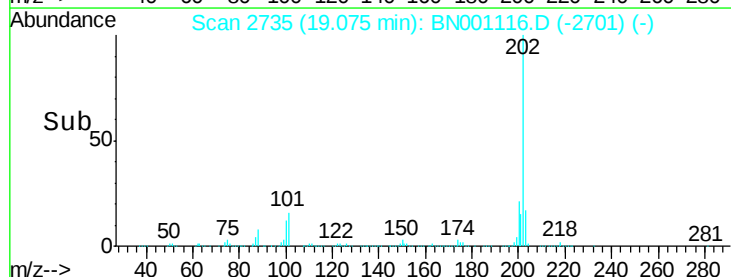
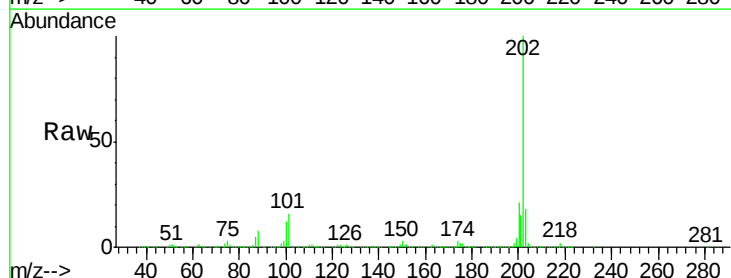
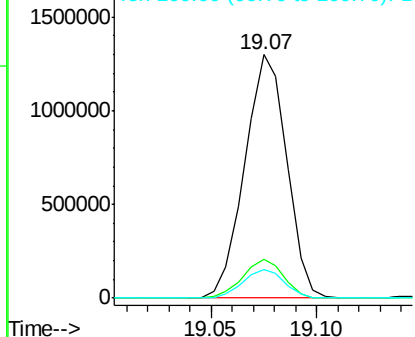
Delta R.T. 0.00 min

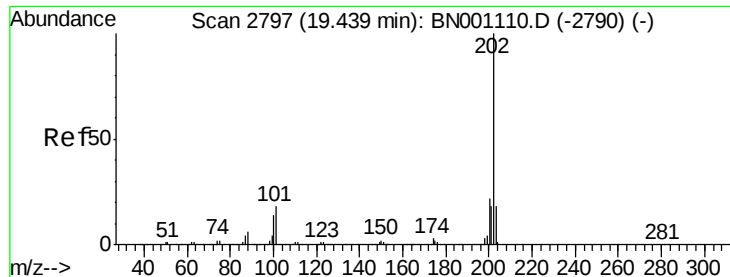
Lab File: BN001116.D

Acq: 03 May 2018 20:21

Tgt Ion:	202	Resp:	1795061
Ion Ratio	Lower	Upper	
202	100		
101	15.9	9.9	14.9#
100	12.0	7.4	11.0#

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





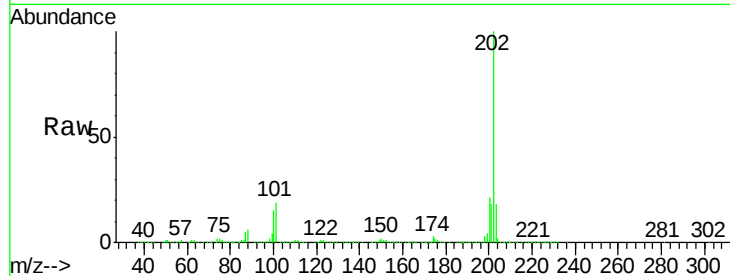
#19
Pvrene
Concen: 56.254 ng/ul
RT: 19.44 min Scan# 2797
Delta R.T. 0.00 min
Lab File: BN001116.D
Acq: 03 May 2018 20:21

Instrument :
BNA_N
ClientSampled :
DASA0

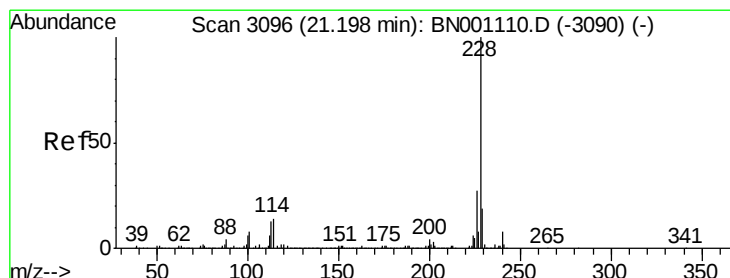
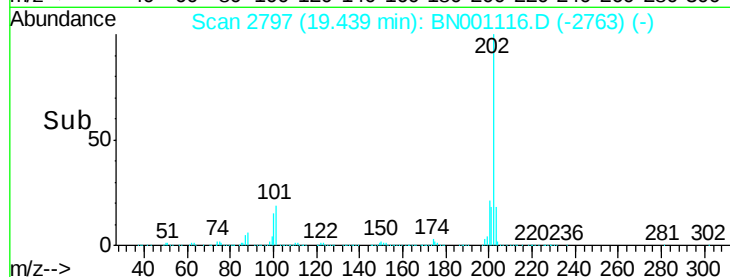
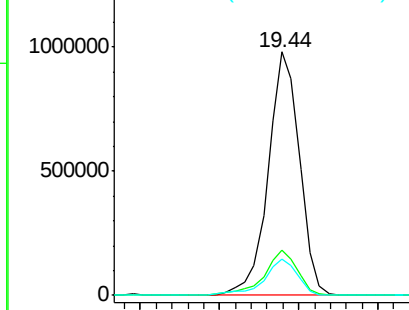
Tot Ion	Ratio	Lower	Upper
202	100		
101	18.6	11.0	16.4#
100	15.1	8.1	12.1#

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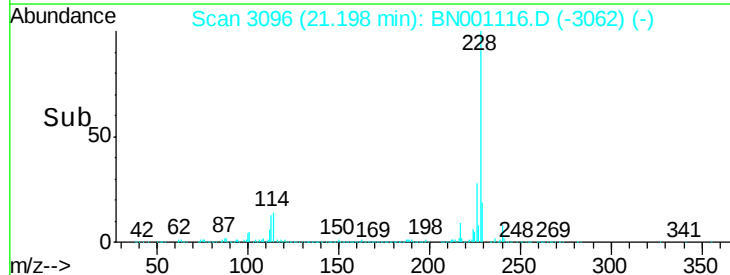
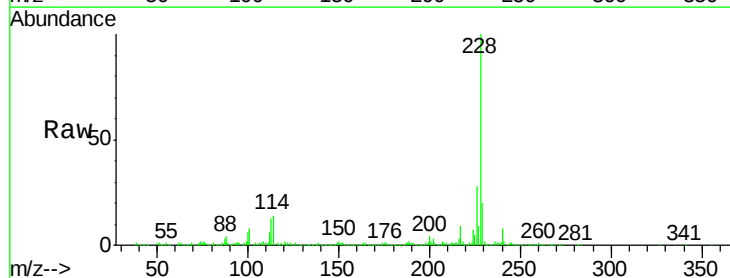
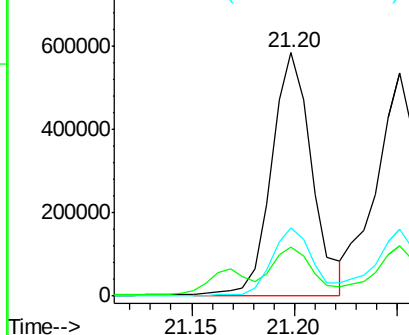
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

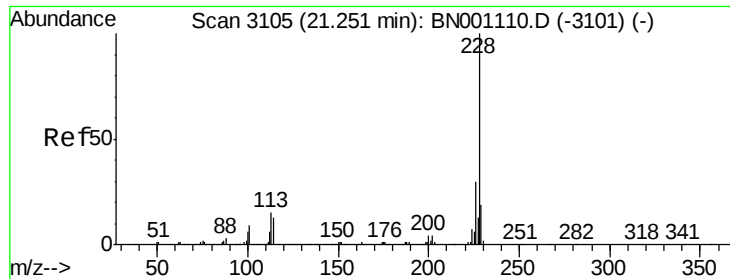


#20
Benzo(a)anthracene
Concen: 35.888 ng/ul m
RT: 21.20 min Scan# 3096
Delta R.T. 0.00 min
Lab File: BN001116.D
Acq: 03 May 2018 20:21

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.7	23.5
226	27.9	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





#21

Chrysene

Concen: 35.209 ng/ul m

RT: 21.25 min Scan# 3105

Delta R.T. 0.00 min

Lab File: BN001116.D

Acq: 03 May 2018 20:21

Instrument :

BNA_N

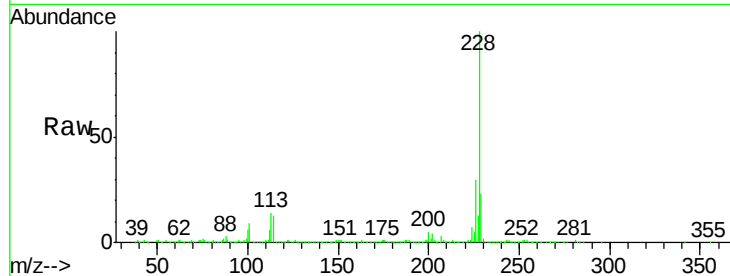
ClientSampled :

DASA0

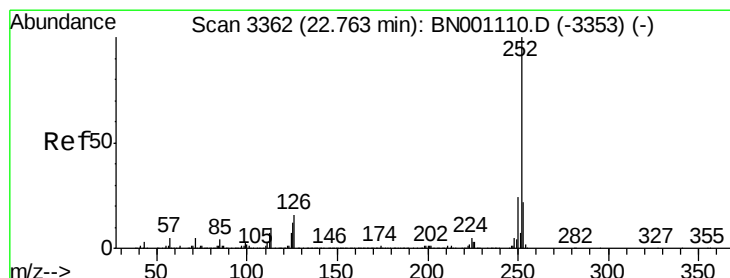
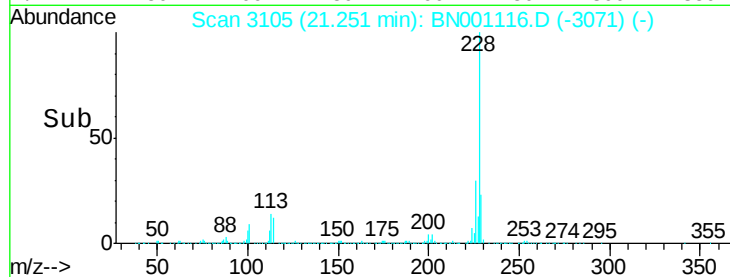
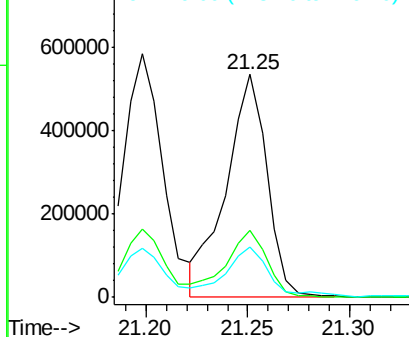
Tot Ion:	228	Resp:	737570
Ion Ratio	Lower	Upper	
228	100		
226	30.3	24.5	36.7
229	22.8	15.8	23.8

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#23

Benzo(b)fluoranthene

Concen: 38.472 ng/ul m

RT: 22.76 min Scan# 3362

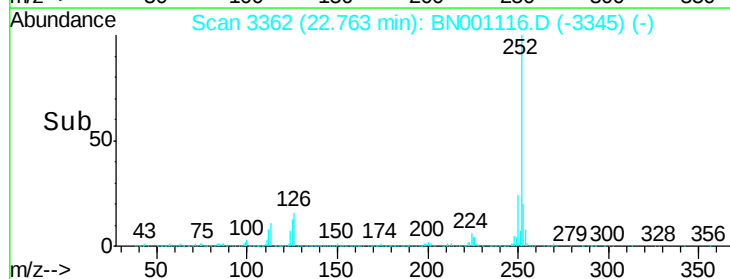
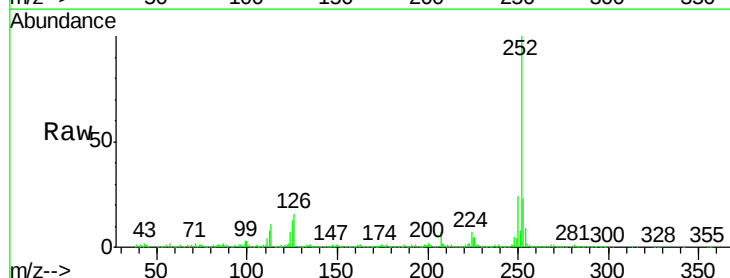
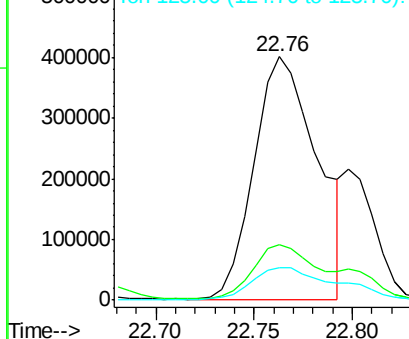
Delta R.T. 0.00 min

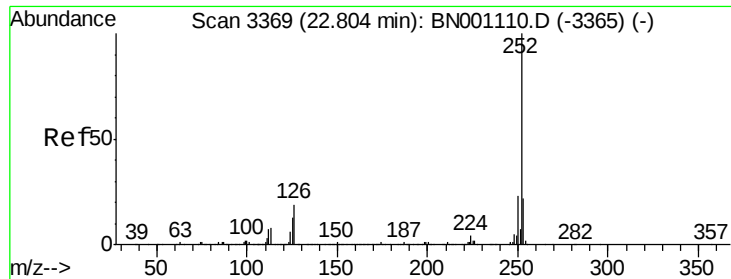
Lab File: BN001116.D

Acq: 03 May 2018 20:21

Tgt Ion:	252	Resp:	902220
Ion Ratio	Lower	Upper	
252	100		
253	22.7	18.0	27.0
125	13.4	8.0	12.0#

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

Benzo(k)fluoranthene

Concen: 10.339 ng/ul m

RT: 22.80 min Scan# 3368

Delta R.T. -0.01 min

Lab File: BN001116.D

Acq: 03 May 2018 20:21

Instrument :

BNA_N

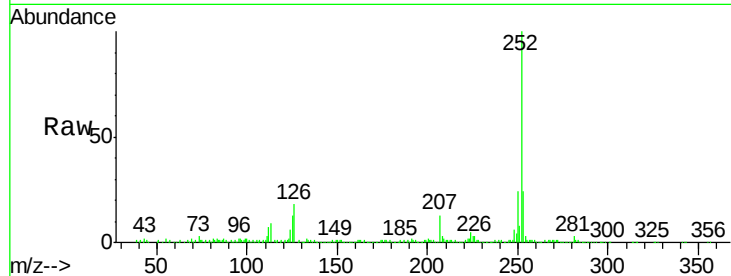
ClientSampled :

DASA0

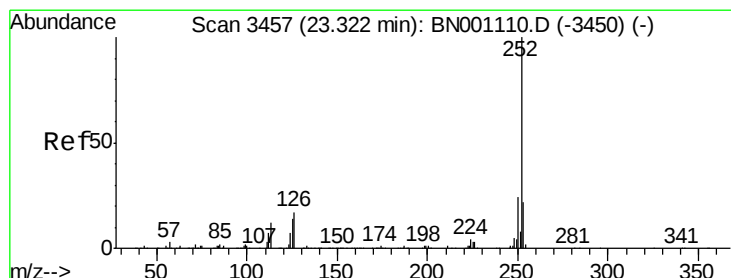
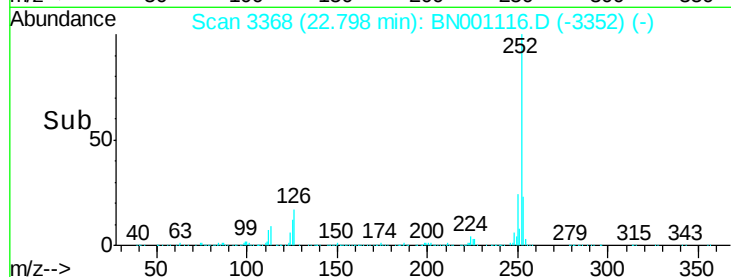
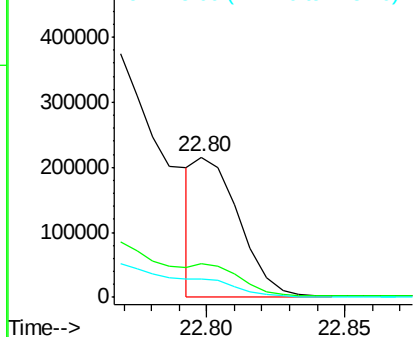
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.0	27.0
125	13.0	8.1	12.1

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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



#26

Benzo(a)pyrene

Concen: 22.941 ng/ul

RT: 23.32 min Scan# 3457

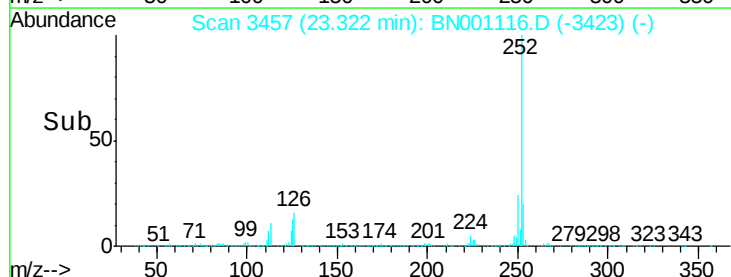
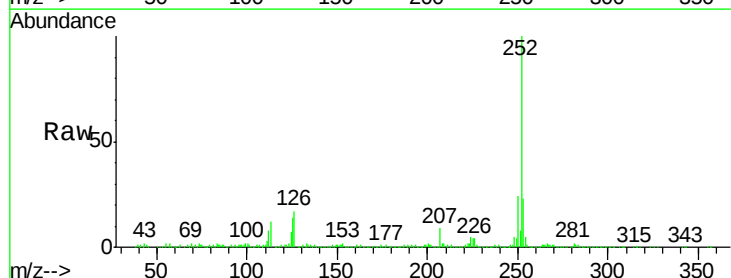
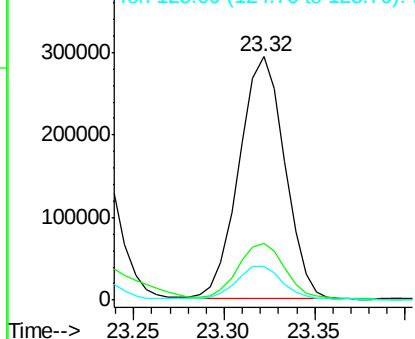
Delta R.T. 0.00 min

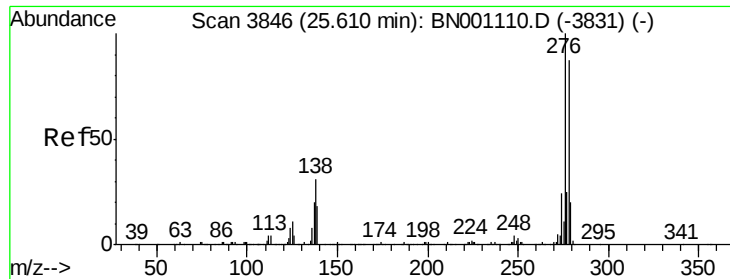
Lab File: BN001116.D

Acq: 03 May 2018 20:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.2	25.8
125	13.8	8.2	12.4

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





#27

Indeno(1,2,3-cd)pyrene

Concen: 12.496 ng/ul

RT: 25.60 min Scan# 3845

Delta R.T. -0.01 min

Lab File: BN001116.D

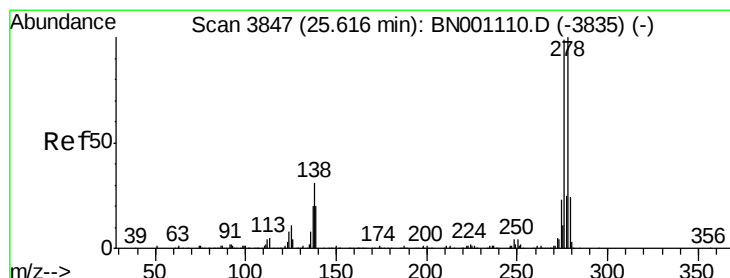
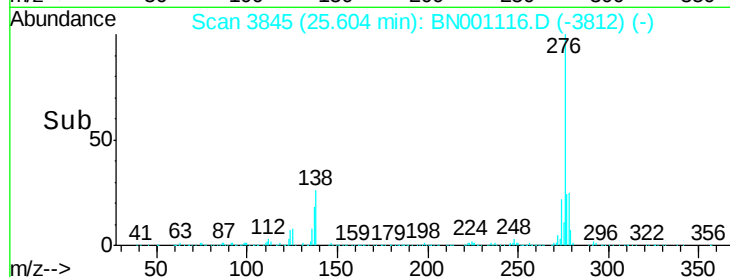
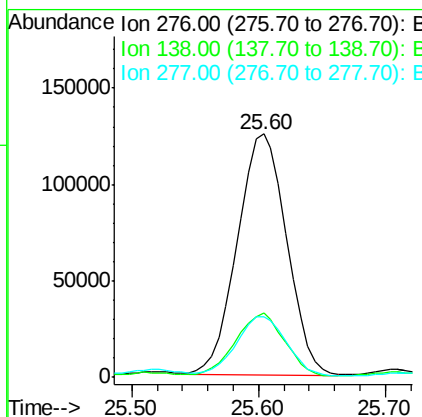
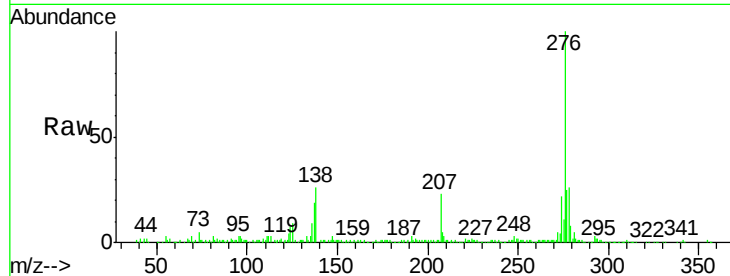
Acq: 03 May 2018 20:21

Instrument :
BNA_N
ClientSampleId :
DASA0

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.3	14.4	21.6#
277	24.8	18.0	27.0

Manual Integrations
APPROVED

Sohil
5/4/2018 1:33:38 PM



#28

Dibenzo(a,h)anthracene

Concen: 4.691 ng/ul

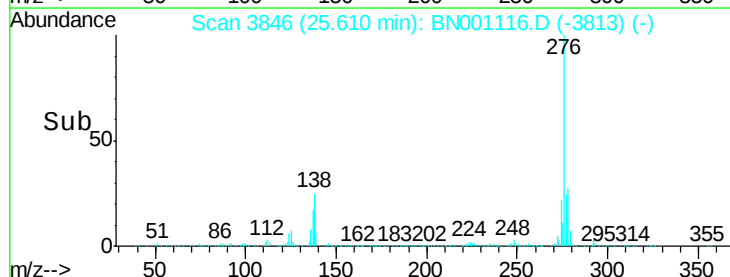
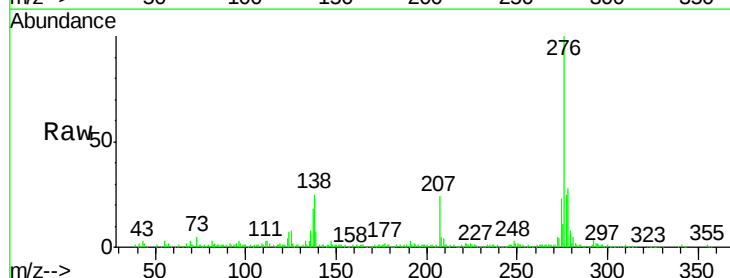
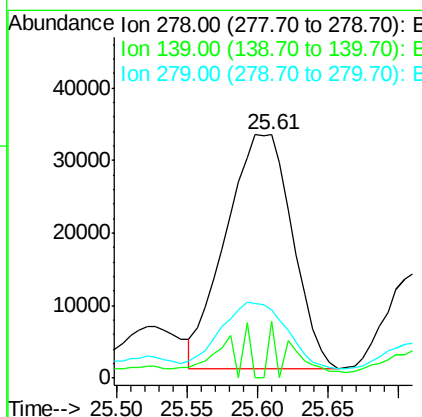
RT: 25.61 min Scan# 3846

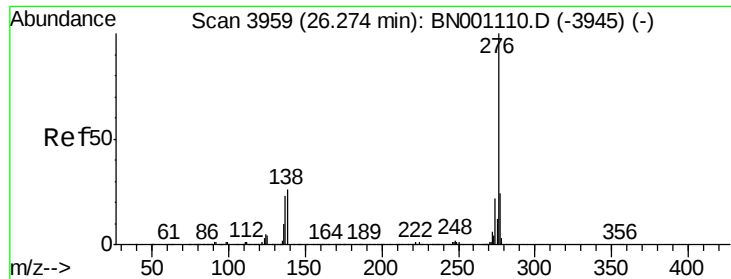
Delta R.T. -0.01 min

Lab File: BN001116.D

Acq: 03 May 2018 20:21

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.5	12.2	18.4#
279	27.9	19.2	28.8





#29

Benzo(a,h,i)perylene

Concen: 14.051 ng/ul

RT: 26.27 min Scan# 3959

Delta R.T. 0.00 min

Lab File: BN001116.D

Acq: 03 May 2018 20:21

Instrument :

BNA_N

ClientSampleId :

DASA0

Tot Ion:	276	Resp:	318136
Ion Ratio	Lower	Upper	
276	100		
138	26.6	15.3	22.9#
277	23.8	19.0	28.4

Manual Integrations
APPROVED

Sohil
5/4/2018 1:33:38 PM

