

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN061419\
 Data File : BN006330.D
 Acq On : 14 Jun 2019 11:38
 Operator : JU/SJ
 Sample : K3332-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4226

Manual Integrations
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mohammad
 6/17/2019 8:28:43 AM

Quant Time: Jun 14 16:52:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 11:20:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	4414	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	16830	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	8269	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	14854m	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	10084m	0.40	ng/ul	0.00
20) Perylene-d12	23.50	264	9705m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	5158	0.20	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	9712m	0.24	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	14.01	152	1861	0.040	ng/ul#	89
8) Acenaphthene	14.36	153	643	0.020	ng/ul	95
9) Fluorene	15.35	166	1058	0.028	ng/ul#	94
12) Phenanthrene	17.09	178	18539	0.389	ng/ul	99
13) Anthracene	17.18	178	4882m	0.107	ng/ul	
15) Fluoranthene	19.12	202	36459m	0.692	ng/ul	
17) Pyrene	19.49	202	31223	0.588	ng/ul	99
18) Benzo(a)anthracene	21.25	228	16214	0.364	ng/ul	99
19) Chrysene	21.30	228	15246	0.364	ng/ul	98
21) Benzo(b)fluoranthene	22.83	252	21419m	0.529	ng/ul	
22) Benzo(k)fluoranthene	22.87	252	8731m	0.222	ng/ul	
23) Benzo(a)pyrene	23.40	252	13389m	0.355	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.73	276	9960m	0.244	ng/ul	
25) Dibenzo(a,h)anthracene	25.73	278	2854m	0.088	ng/ul	
26) Benzo(g,h,i)perylene	26.42	276	7923m	0.232	ng/ul	

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

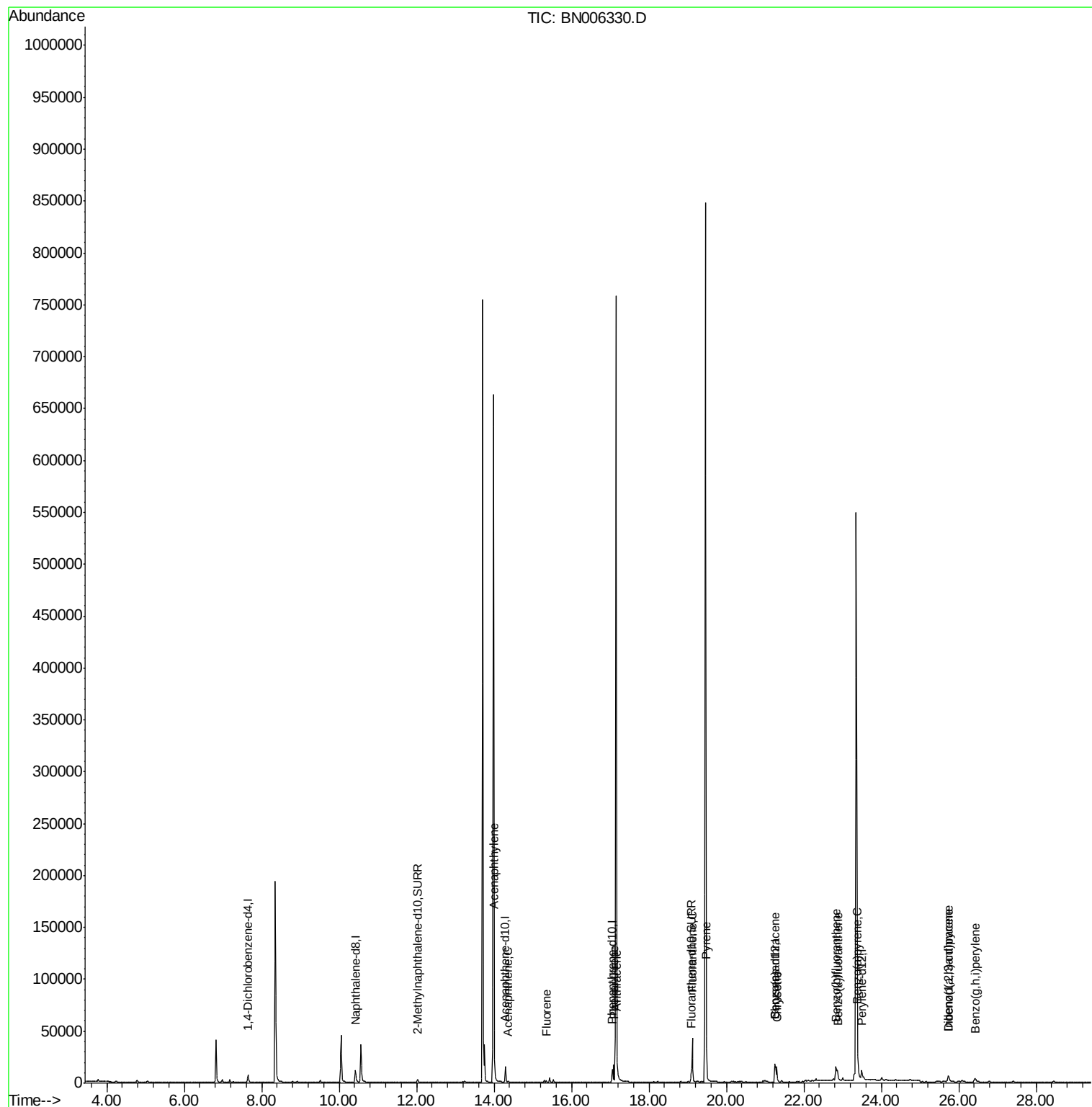
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN061419\
Data File : BN006330.D
Acq On : 14 Jun 2019 11:38
Operator : JU/SJ
Sample : K3332-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

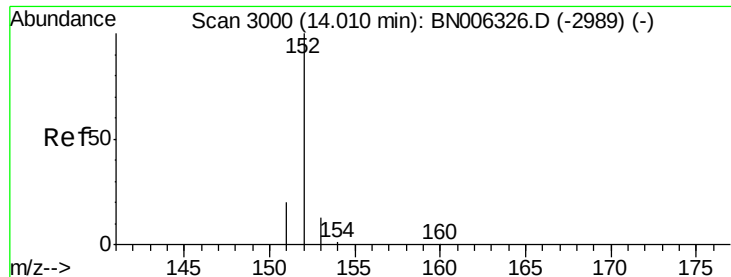
Instrument :
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QLast Update : Thu Jun 13 11:20:30 2019
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.040 ng/ul

RT: 14.01 min Scan# 3000

Delta R.T. -0.00 min

Lab File: BN006330.D

Acq: 14 Jun 2019 11:38

Instrument :

BNA_N

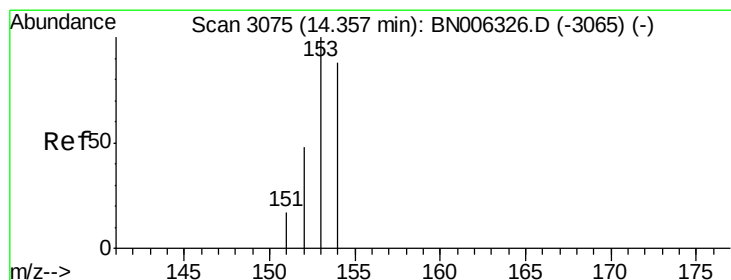
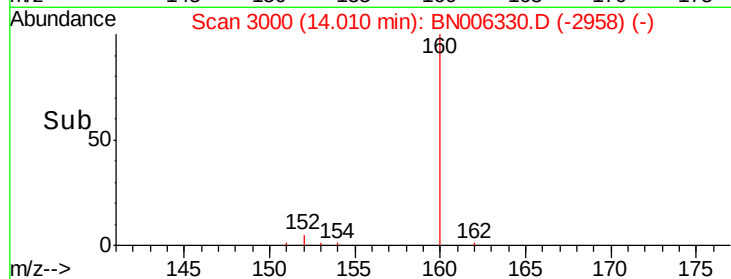
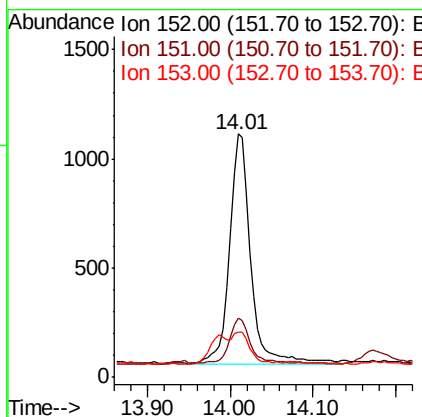
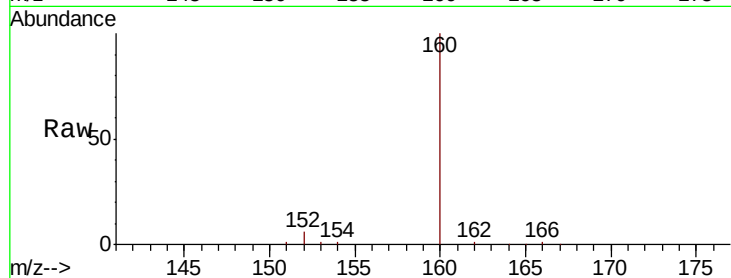
ClientSampled :

A4226

Tgt Ion:	152	Resp:	1861
Ion Ratio	Lower	Upper	
152	100		
151	24.1	15.8	23.8#
153	18.5	10.8	16.2#

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#8

Acenaphthene

Concen: 0.020 ng/ul

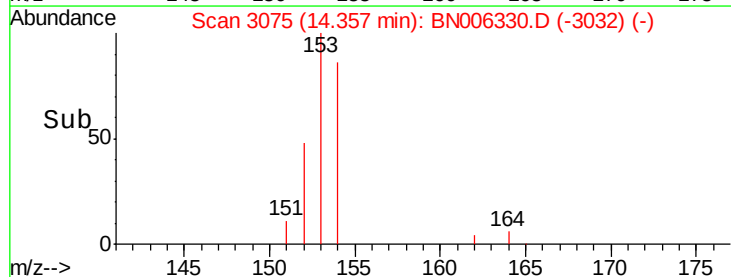
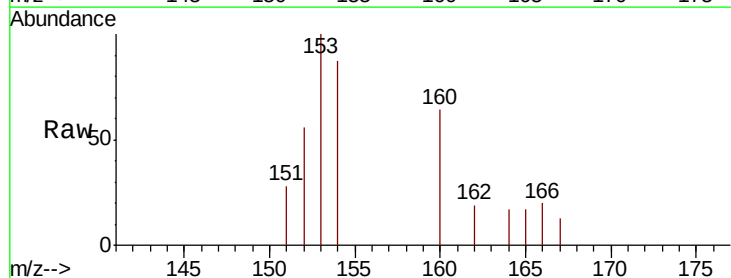
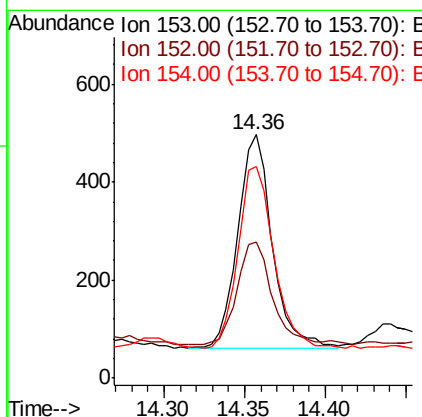
RT: 14.36 min Scan# 3075

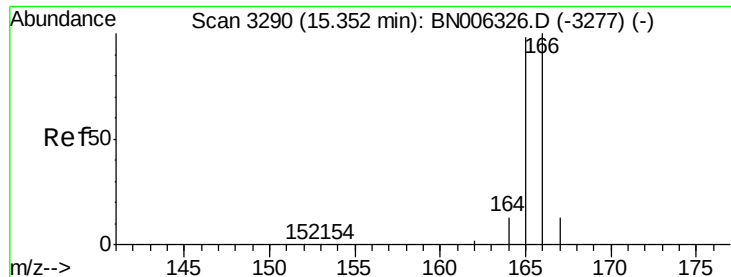
Delta R.T. -0.00 min

Lab File: BN006330.D

Acq: 14 Jun 2019 11:38

Tgt Ion:	153	Resp:	643
Ion Ratio	Lower	Upper	
153	100		
152	55.9	39.1	58.7
154	86.7	71.1	106.7





#9

Fluorene

Concen: 0.028 ng/ul

RT: 15.35 min Scan# 3290

Delta R.T. -0.00 min

Lab File: BN006330.D

Acq: 14 Jun 2019 11:38

Instrument :

BNA_N

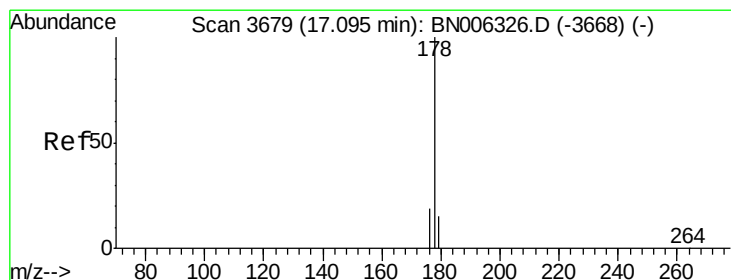
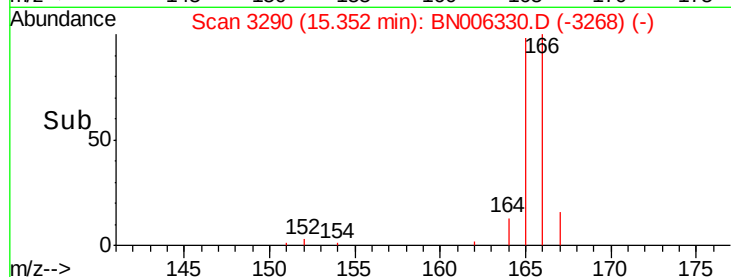
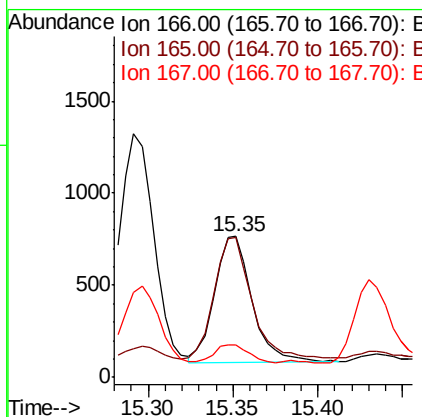
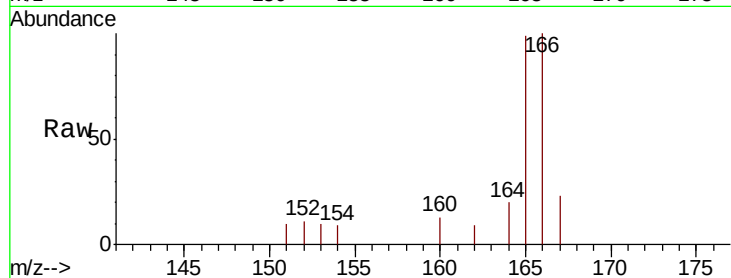
ClientSampled :

A4226

Tgt Ion:	166	Resp:	1058
Ion Ratio	Lower	Upper	
166	100		
165	99.1	76.4	114.6
167	22.8	11.0	16.6#

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#12

Phenanthrene

Concen: 0.389 ng/ul

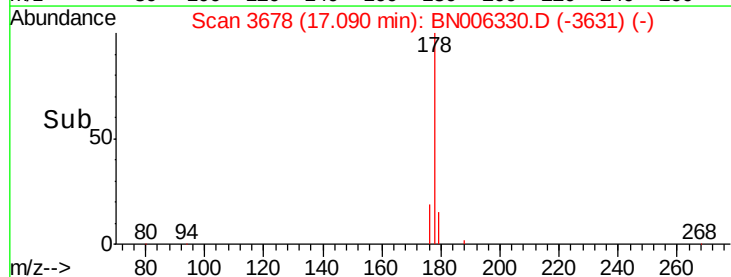
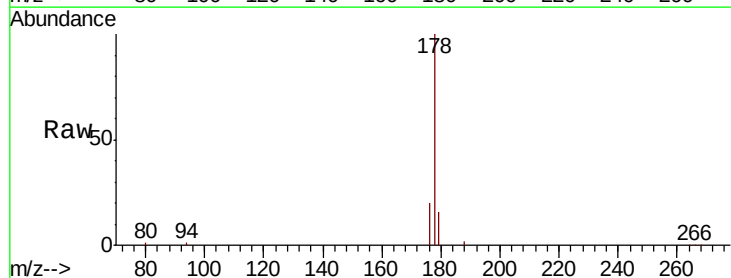
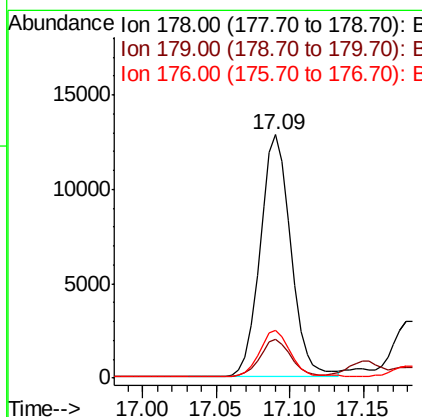
RT: 17.09 min Scan# 3678

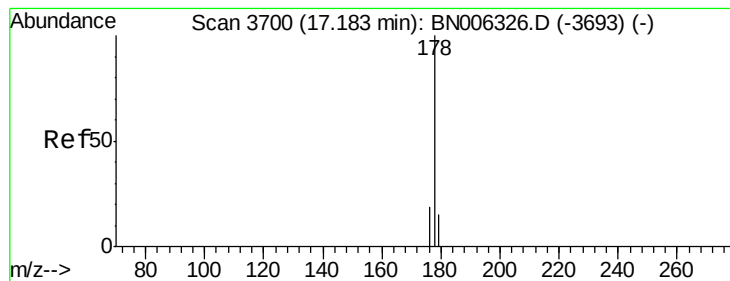
Delta R.T. -0.00 min

Lab File: BN006330.D

Acq: 14 Jun 2019 11:38

Tgt Ion:	178	Resp:	18539
Ion Ratio	Lower	Upper	
178	100		
179	15.7	12.3	18.5
176	19.7	15.3	22.9





#13

Anthracene

Concen: 0.107 ng/ul m

RT: 17.18 min Scan# 3700

Delta R.T. -0.00 min

Lab File: BN006330.D

Acq: 14 Jun 2019 11:38

Instrument :

BNA_N

ClientSampleId :

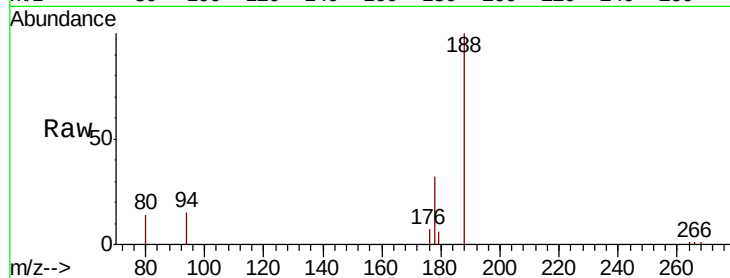
A4226

Tgt Ion:178 Resp: 4882

Ion	Ratio	Lower	Upper
178	100		
179	18.8	12.2	18.4#
176	20.8	15.1	22.7

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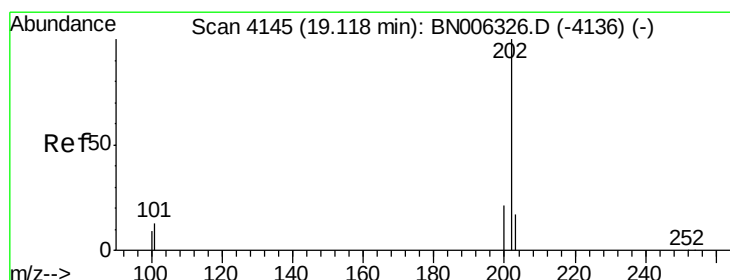
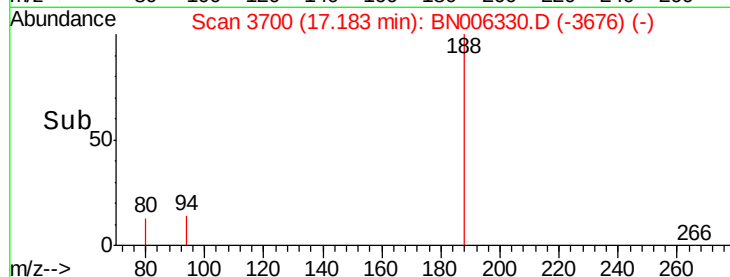
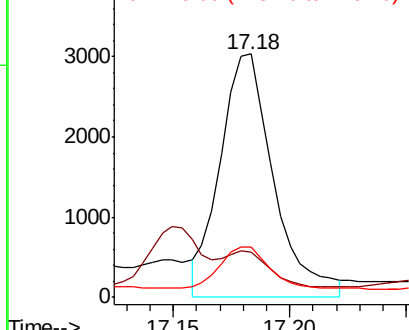


Abundance

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



#15

Fluoranthene

Concen: 0.692 ng/ul m

RT: 19.12 min Scan# 4145

Delta R.T. -0.00 min

Lab File: BN006330.D

Acq: 14 Jun 2019 11:38

Tgt Ion:202 Resp: 36459

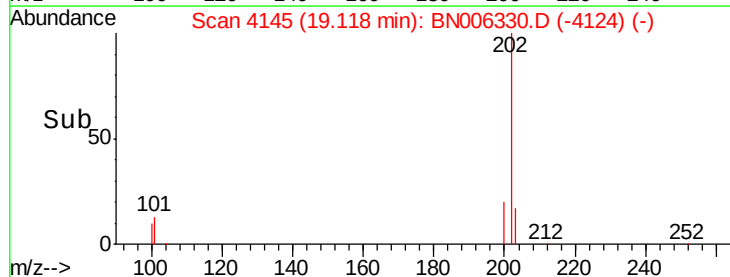
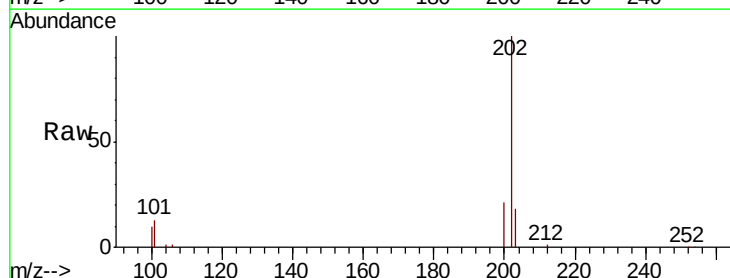
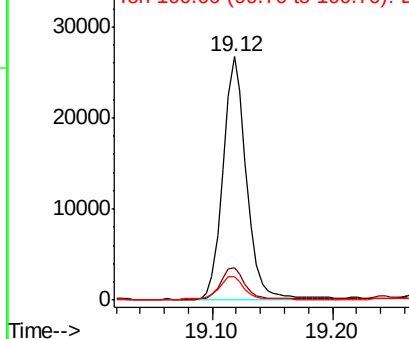
Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	32.1
100	9.8	0.0	28.7

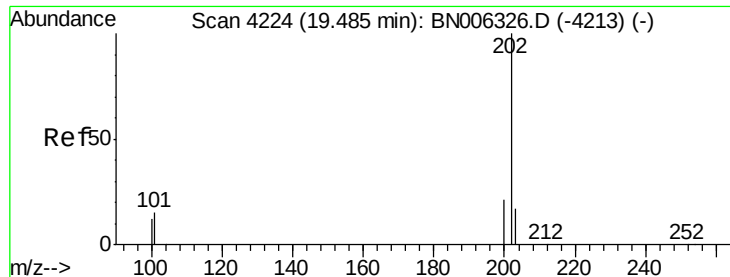
Abundance

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





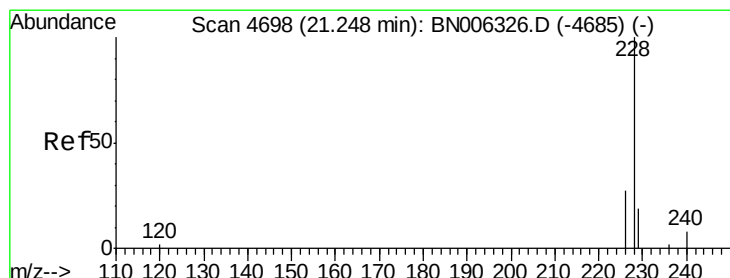
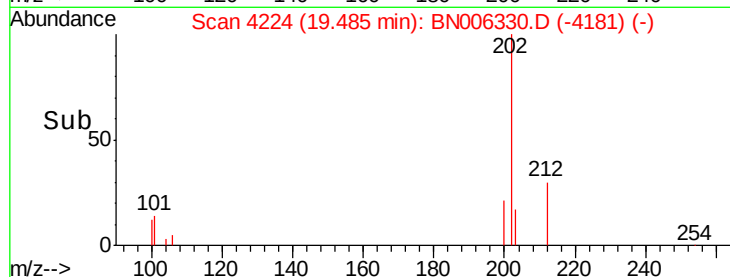
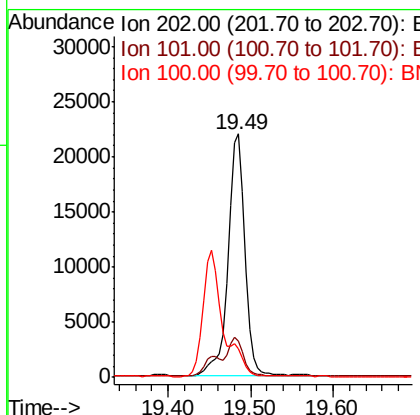
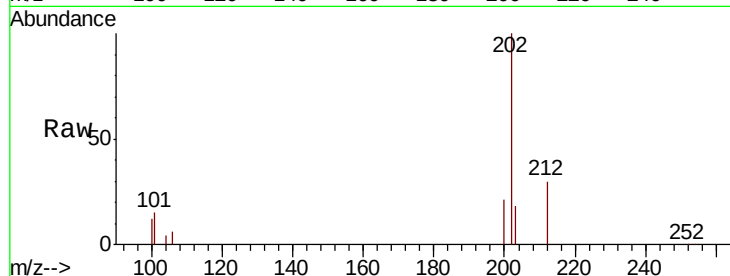
#17
Pyrene
Concen: 0.588 ng/ul
RT: 19.49 min Scan# 4224
Delta R.T. -0.00 min
Lab File: BN006330.D
Acq: 14 Jun 2019 11:38

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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	15.0	12.2	18.2
100	11.8	9.8	14.6

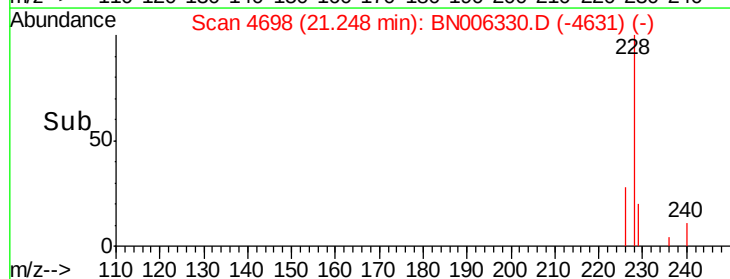
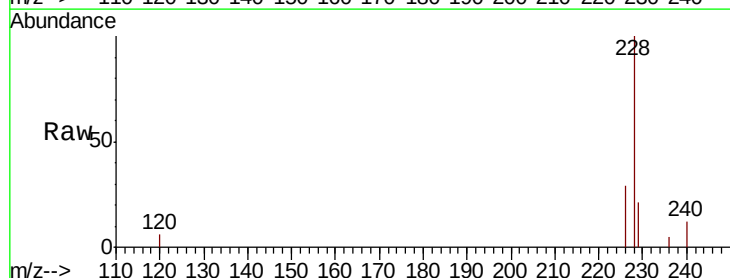
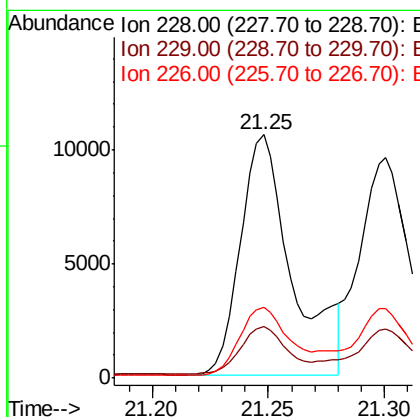
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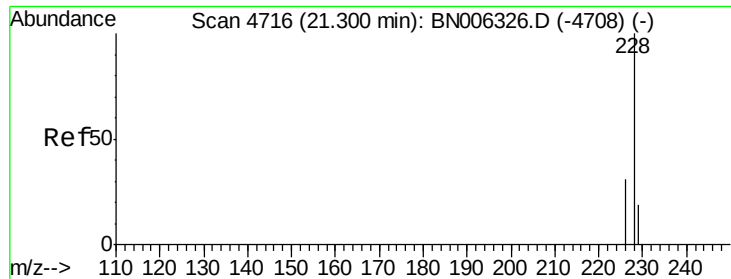
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#18
Benzo(a)anthracene
Concen: 0.364 ng/ul
RT: 21.25 min Scan# 4698
Delta R.T. -0.00 min
Lab File: BN006330.D
Acq: 14 Jun 2019 11:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	21.3	16.5	24.7
226	28.9	22.8	34.2





#19

Chrysene

Concen: 0.364 ng/ul

RT: 21.30 min Scan# 4716

Delta R.T. -0.00 min

Lab File: BN006330.D

Acq: 14 Jun 2019 11:38

Instrument :

BNA_N

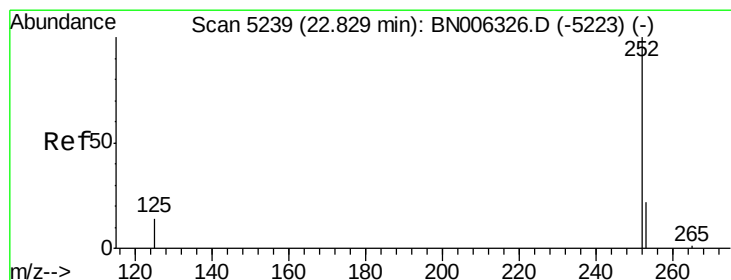
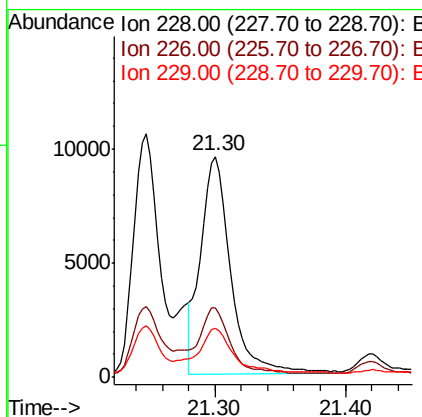
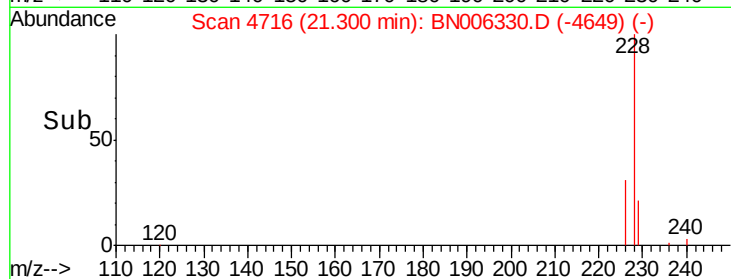
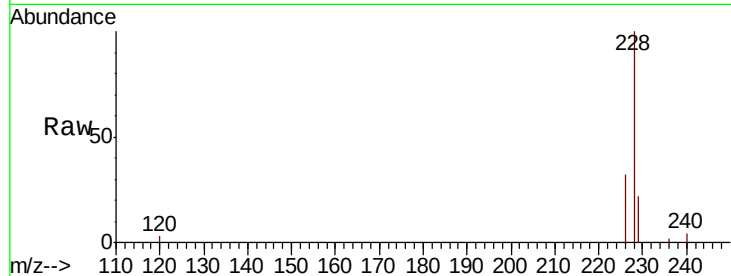
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Tgt Ion:	228	Resp:	15246
Ion Ratio	Lower	Upper	
228	100		
226	31.6	25.0	37.6
229	22.3	16.3	24.5

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#21

Benzo(b)fluoranthene

Concen: 0.529 ng/ul m

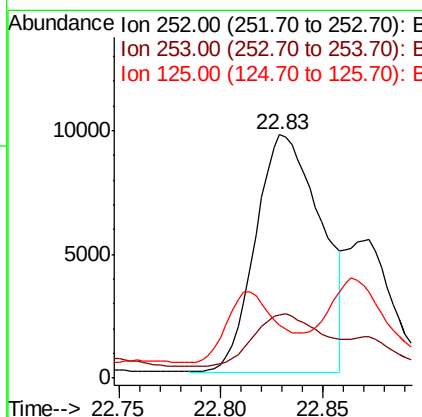
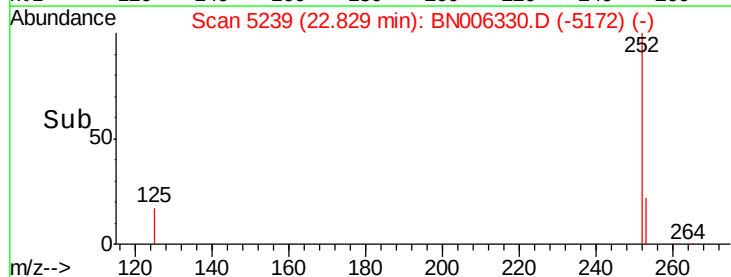
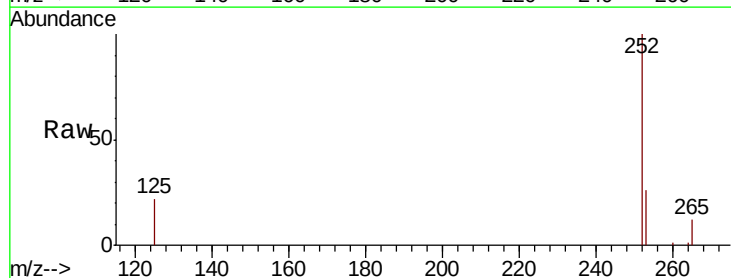
RT: 22.83 min Scan# 5239

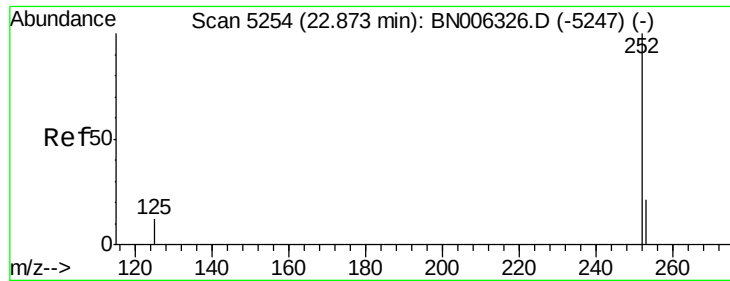
Delta R.T. -0.00 min

Lab File: BN006330.D

Acq: 14 Jun 2019 11:38

Tgt Ion:	252	Resp:	21419
Ion Ratio	Lower	Upper	
252	100		
253	25.8	0.0	51.4
125	21.9	0.0	41.0





#22

Benzo(k)fluoranthene

Concen: 0.222 ng/ul m

RT: 22.87 min Scan# 5254

Delta R.T. -0.00 min

Lab File: BN006330.D

Acq: 14 Jun 2019 11:38

Instrument :

BNA_N

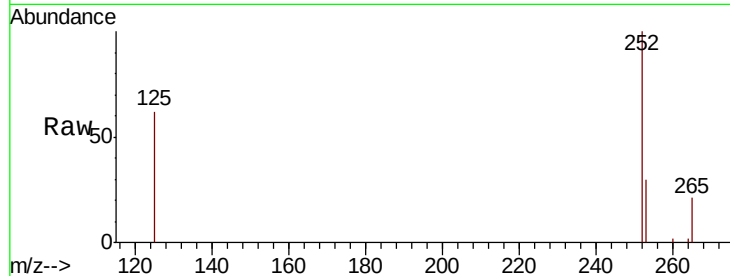
ClientSampleId :

A4226

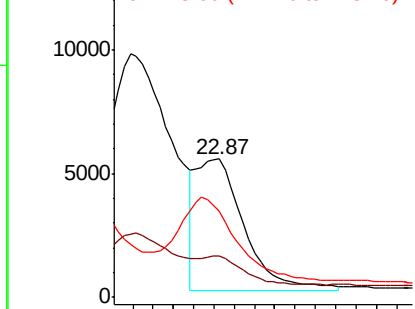
Tgt Ion:	252	Resp:	8731
Ion Ratio	Lower	Upper	
252	100		
253	29.7	20.3	30.5
125	61.9	14.3	21.5#

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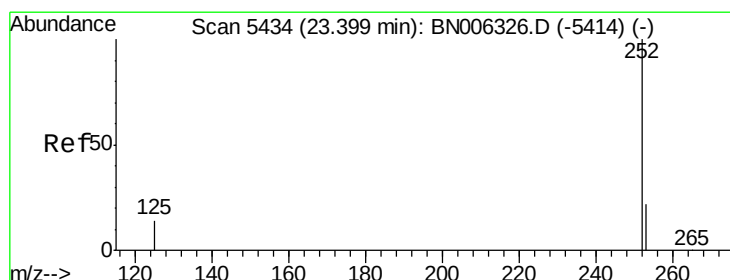
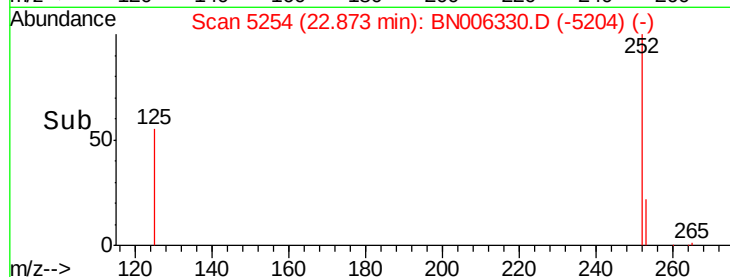
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->



#23

Benzo(a)pyrene

Concen: 0.355 ng/ul m

RT: 23.40 min Scan# 5433

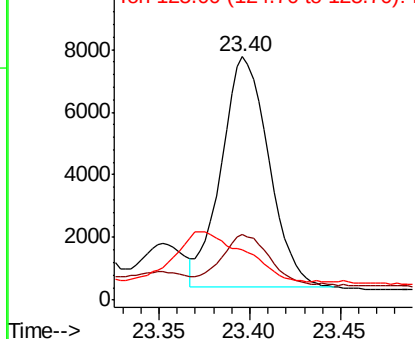
Delta R.T. -0.01 min

Lab File: BN006330.D

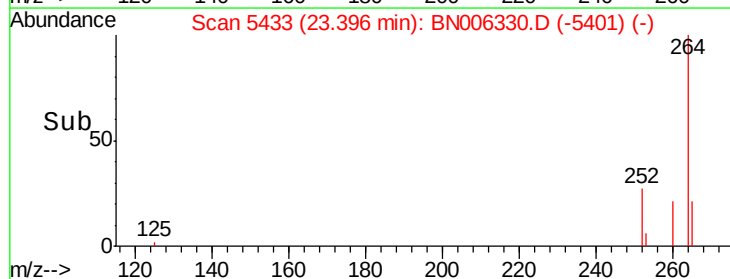
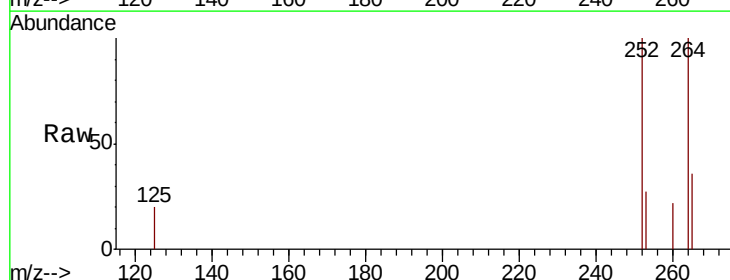
Acq: 14 Jun 2019 11:38

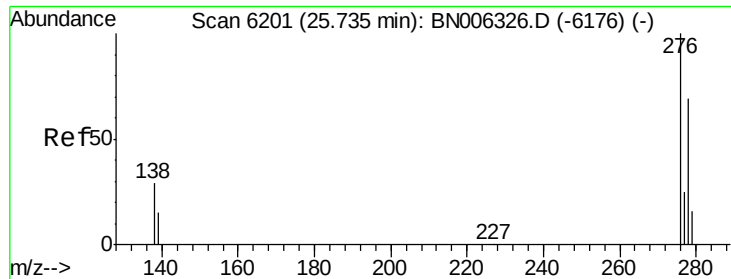
Tgt Ion:	252	Resp:	13389
Ion Ratio	Lower	Upper	
252	100		
253	26.8	21.1	31.7
125	20.4	20.3	30.5

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



Time-->





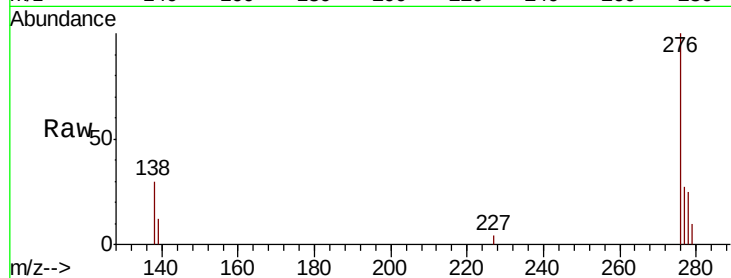
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.244 ng/ul m
 RT: 25.73 min Scan# 6200
 Delta R.T. -0.00 min
 Lab File: BN006330.D
 Acq: 14 Jun 2019 11:38

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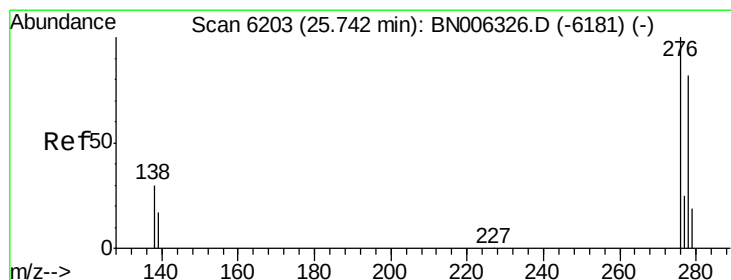
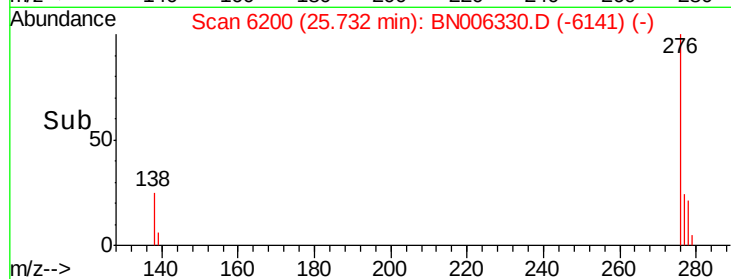
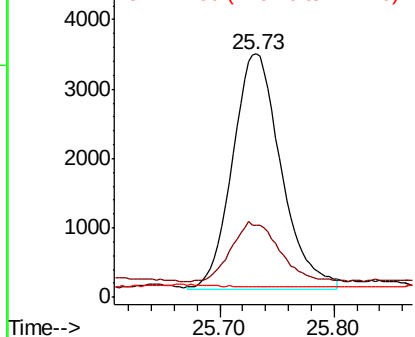
Tgt Ion	Ratio	Lower	Upper
276	100		
138	2.1	25.6	38.4#
227	0.0	0.3	0.5#

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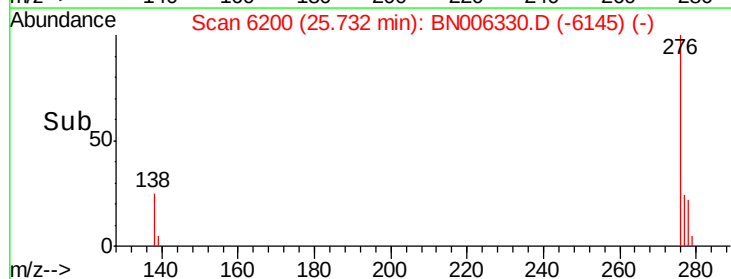
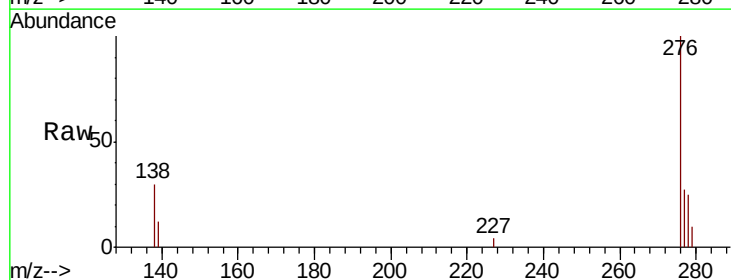
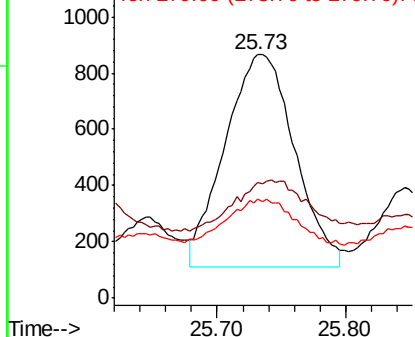
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 227.00 (226.70 to 227.70): E

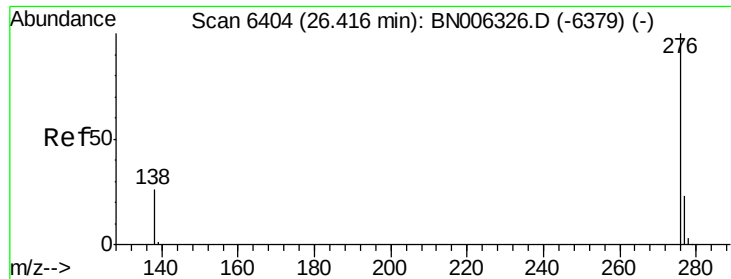


#25
 Dibenzo(a,h)anthracene
 Concen: 0.088 ng/ul m
 RT: 25.73 min Scan# 6200
 Delta R.T. -0.02 min
 Lab File: BN006330.D
 Acq: 14 Jun 2019 11:38

Tgt Ion	Ratio	Lower	Upper
278	100		
139	47.3	21.2	31.8#
279	40.5	22.6	33.8#

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





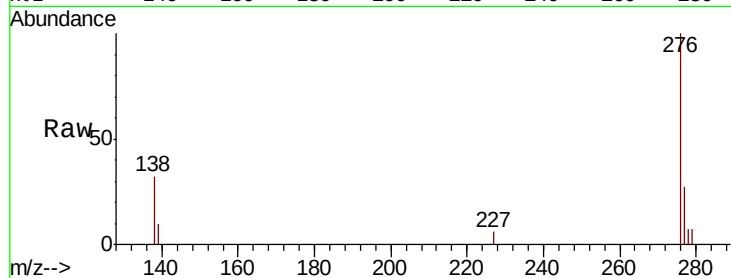
#26
Benzo(g,h,i)perylene
Concen: 0.232 ng/ul m
RT: 26.42 min Scan# 6404
Delta R.T. -0.01 min
Lab File: BN006330.D
Acq: 14 Jun 2019 11:38

Instrument :
BNA_N
ClientSampleId :
A4226

Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.4	24.2	36.4
277	27.1	21.5	32.3

Manual Integrations
APPROVED

mohammad
6/17/2019 8:28:43 AM



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

