

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061119\
 Data File : BN006244.D
 Acq On : 11 Jun 2019 11:03
 Operator : JU/SJ
 Sample : K3016-03DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A51C2DL

Manual Integrations
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Quant Time: Jun 11 12:20:57 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 : Sun Jun 09 05:10:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	4335	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	16217	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	7637	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	14369	0.40	ng/ul	0.00
16) Chrysene-d12	21.28	240	11072	0.40	ng/ul	0.02
20) Perylene-d12	23.52	264	14532	0.40	ng/ul	0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	962	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	1716	0.04	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.48	128	1108	0.025	ng/ul#	74
7) Acenaphthylene	14.02	152	12339	0.291	ng/ul	99
9) Fluorene	15.36	166	1279	0.037	ng/ul#	87
12) Phenanthrene	17.09	178	16889	0.366	ng/ul	99
13) Anthracene	17.19	178	9189	0.209	ng/ul	98
15) Fluoranthene	19.12	202	40980	0.805	ng/ul	95
17) Pyrene	19.49	202	54373	0.932	ng/ul	99
18) Benzo(a)anthracene	21.26	228	21533	0.440	ng/ul	95
19) Chrysene	21.32	228	28670	0.624	ng/ul	98
21) Benzo(b)fluoranthene	22.86	252	34107m	0.563	ng/ul	
22) Benzo(k)fluoranthene	22.90	252	14801m	0.251	ng/ul	
23) Benzo(a)pyrene	23.43	252	24680	0.437	ng/ul#	92
24) Indeno(1,2,3-cd)pyrene	25.76	276	17460	0.286	ng/ul#	88
25) Dibenzo(a,h)anthracene	25.77	278	4341	0.089	ng/ul#	85
26) Benzo(g,h,i)perylene	26.45	276	10145	0.198	ng/ul	99

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

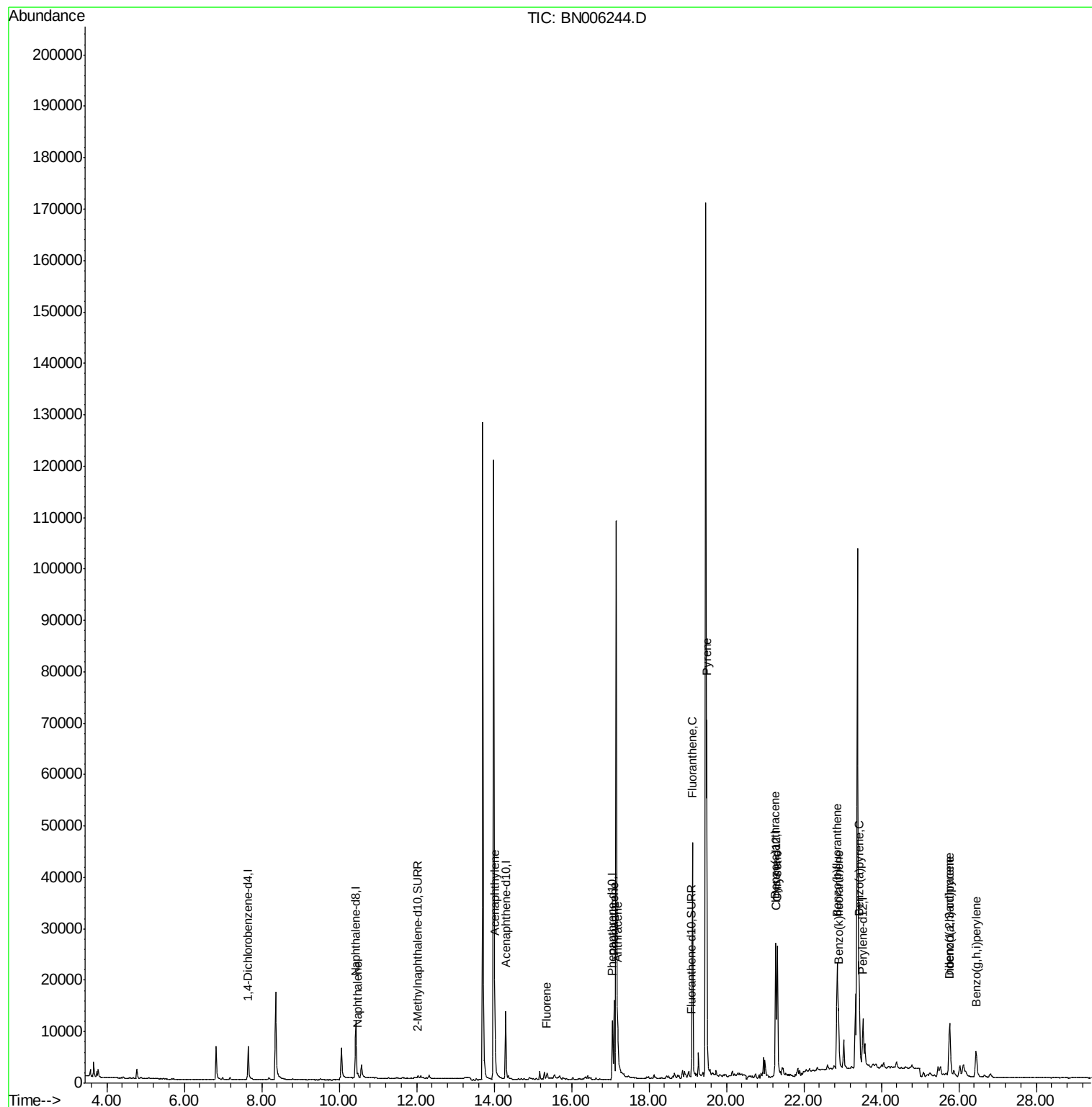
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061119\
Data File : BN006244.D
Acq On : 11 Jun 2019 11:03
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Misc :
ALS Vial : 5 Sample Multiplier: 1

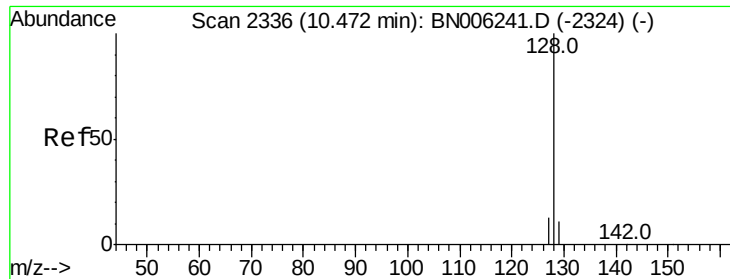
Instrument :
BNA_N
ClientSampleId :
A51C2DL

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Quant Time: Jun 11 12:20:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
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QLast Update : Sun Jun 09 05:10:30 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.025 ng/ul

RT: 10.48 min Scan# 2337

Delta R.T. 0.01 min

Lab File: BN006244.D

Acq: 11 Jun 2019 11:03

Instrument :

BNA_N

ClientSampleId :

A51C2DL

Tot Ion:128 Resp: 1108

Ion Ratio Lower Upper

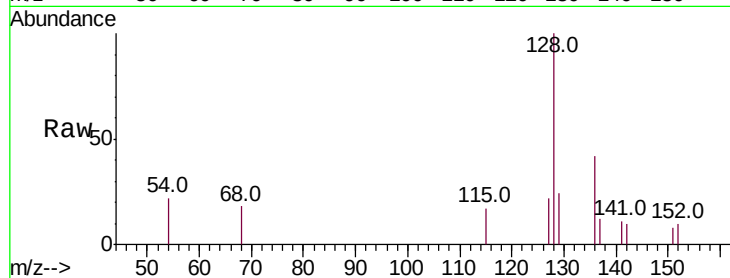
128 100

129 24.0 9.3 13.9#

127 21.9 10.7 16.1#

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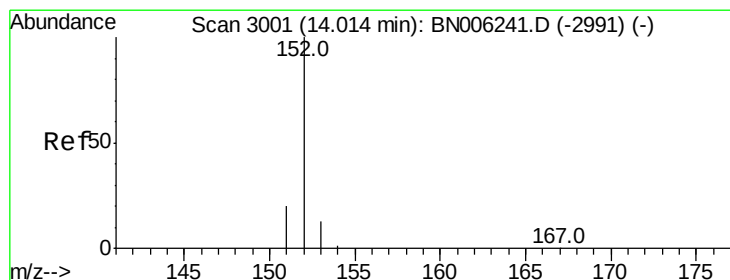
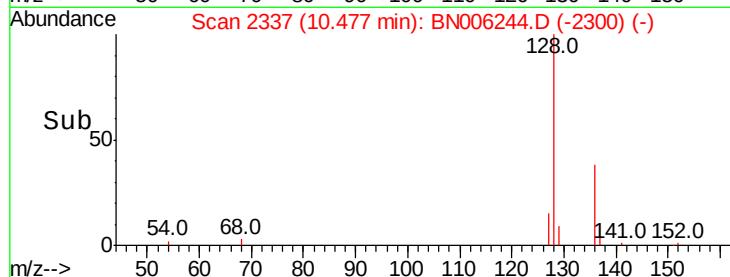
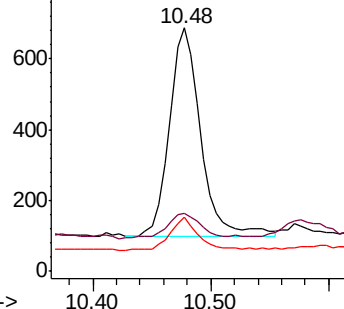
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#7

Acenaphthylene

Concen: 0.291 ng/ul

RT: 14.02 min Scan# 3002

Delta R.T. 0.00 min

Lab File: BN006244.D

Acq: 11 Jun 2019 11:03

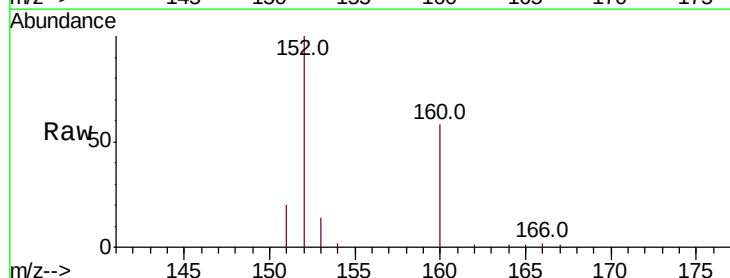
Tgt Ion:152 Resp: 12339

Ion Ratio Lower Upper

152 100

151 20.3 15.8 23.8

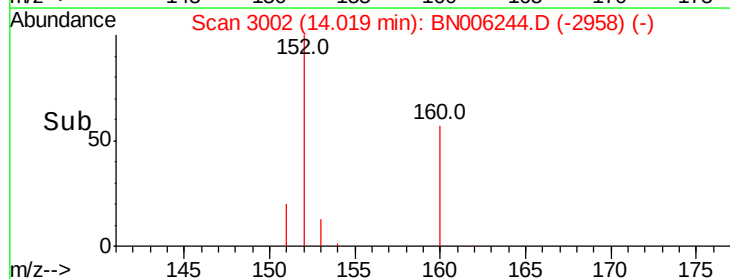
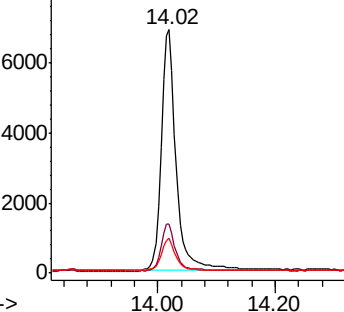
153 14.3 10.8 16.2

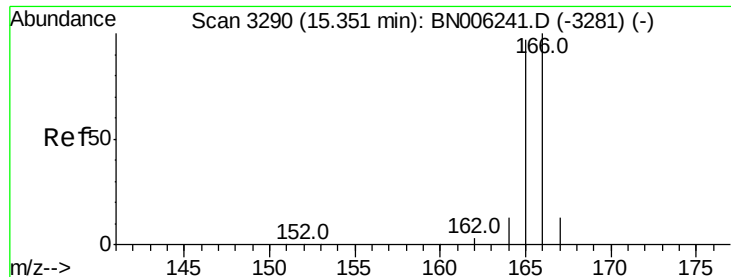


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#9

Fluorene

Concen: 0.037 ng/ul

RT: 15.36 min Scan# 3291

Delta R.T. 0.00 min

Lab File: BN006244.D

Acq: 11 Jun 2019 11:03

Instrument :

BNA_N

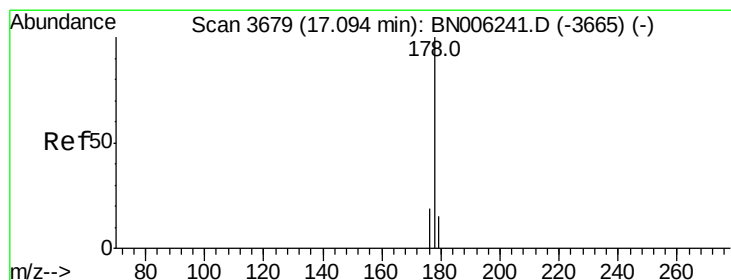
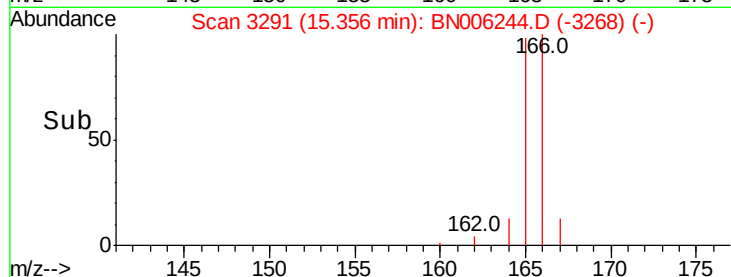
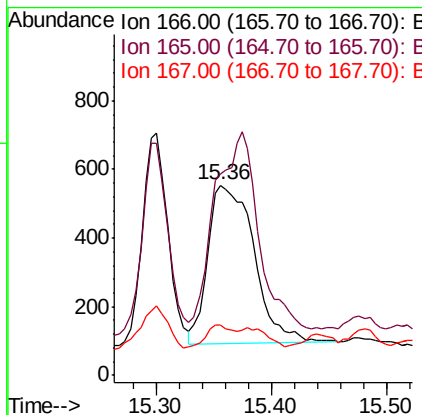
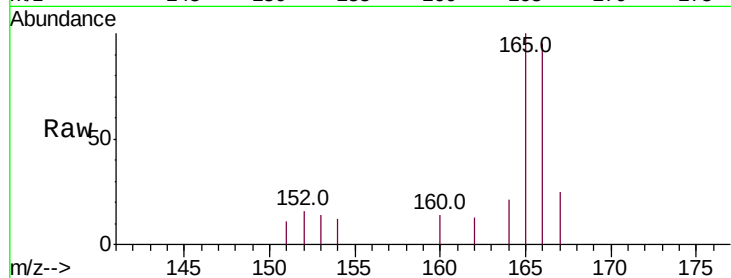
ClientSampleId :

A51C2DL

Tot Ion:	166	Resp:	1279
Ion	Ratio	Lower	Upper
166	100		
165	105.6	76.4	114.6
167	26.5	11.0	16.6#

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#12

Phenanthrene

Concen: 0.366 ng/ul

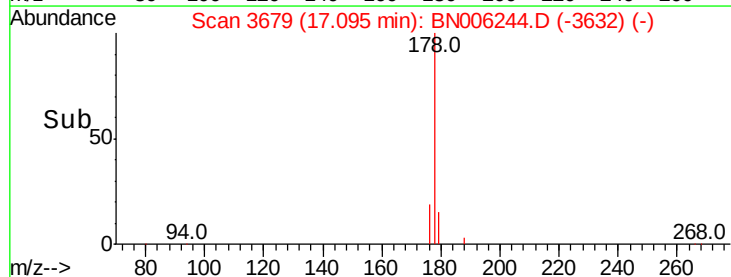
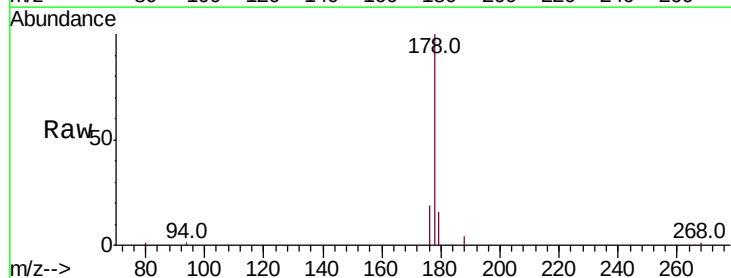
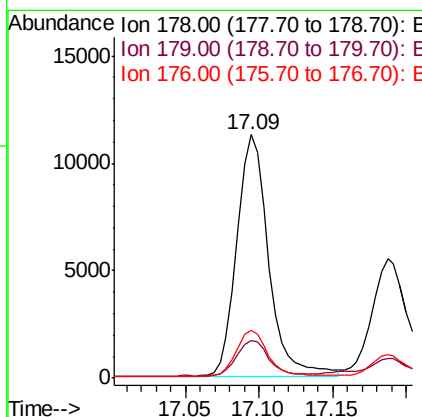
RT: 17.09 min Scan# 3679

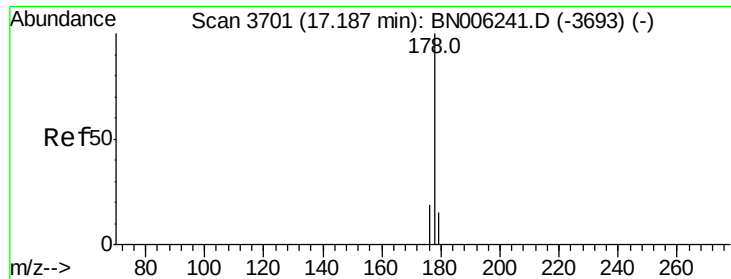
Delta R.T. 0.00 min

Lab File: BN006244.D

Acq: 11 Jun 2019 11:03

Tgt Ion:	178	Resp:	16889
Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.3	18.5
176	19.4	15.3	22.9





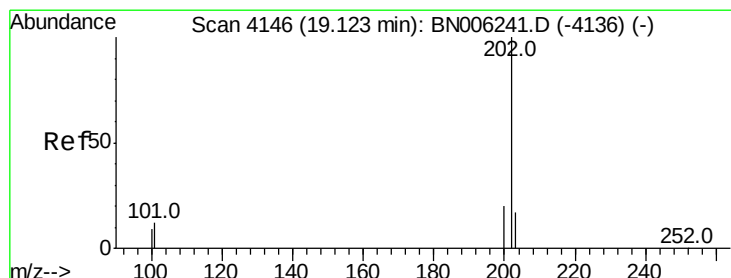
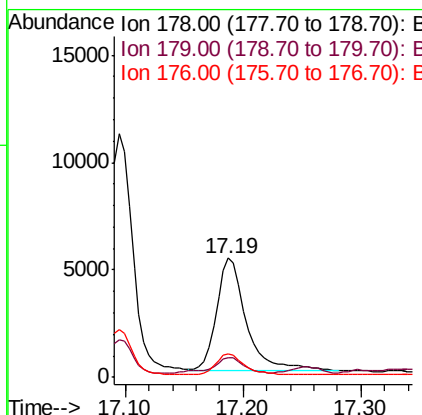
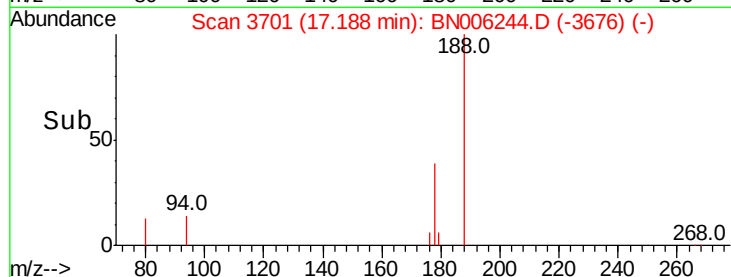
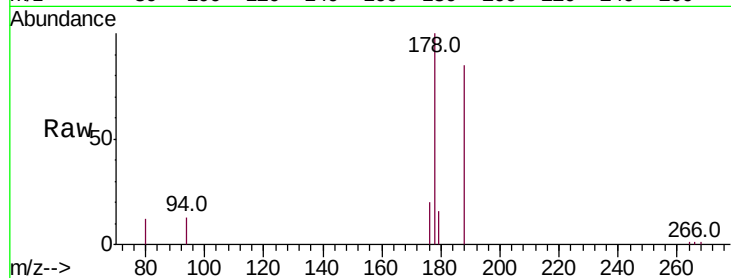
#13
 Anthracene
 Concen: 0.209 ng/ul
 RT: 17.19 min Scan# 3701
 Delta R.T. 0.00 min
 Lab File: BN006244.D
 Acq: 11 Jun 2019 11:03

Instrument :
 BNA_N
 ClientSampled :
 A51C2DL

Tot Ion:178 Resp: 9189
 Ion Ratio Lower Upper
 178 100
 179 16.3 12.2 18.4
 176 20.0 15.1 22.7

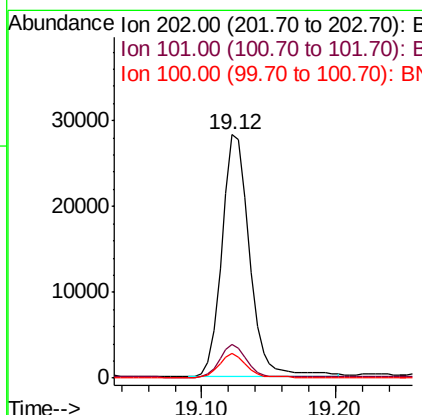
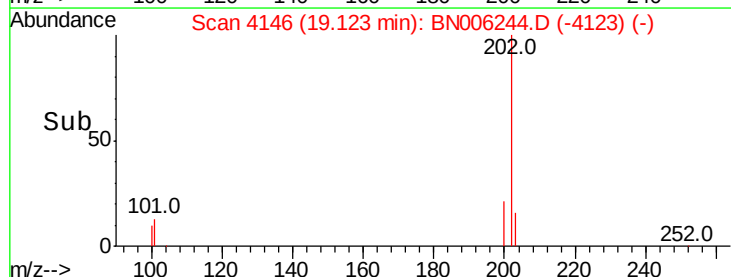
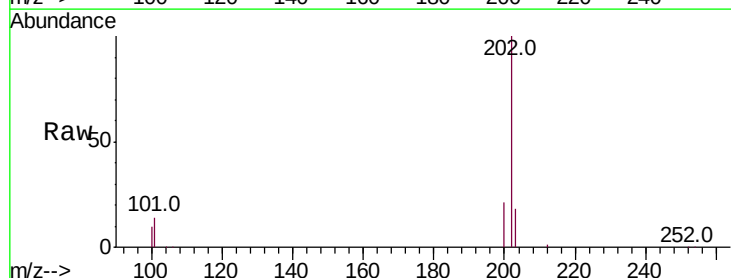
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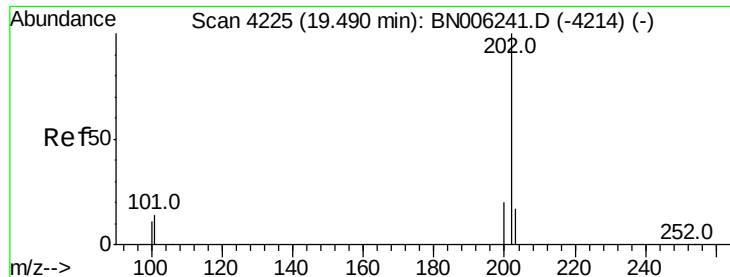
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#15
 Fluoranthene
 Concen: 0.805 ng/ul
 RT: 19.12 min Scan# 4146
 Delta R.T. 0.00 min
 Lab File: BN006244.D
 Acq: 11 Jun 2019 11:03

Tgt Ion:202 Resp: 40980
 Ion Ratio Lower Upper
 202 100
 101 13.9 0.0 32.1
 100 10.3 0.0 28.7





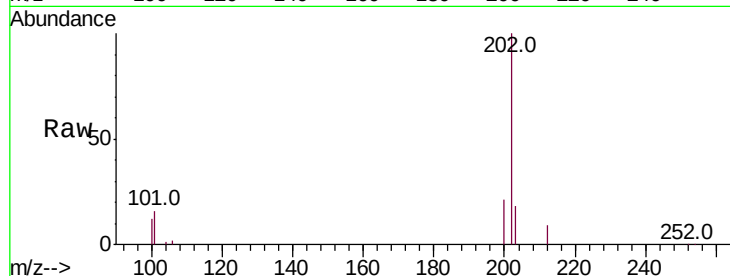
#17
Pvrene
Concen: 0.932 ng/ul
RT: 19.49 min Scan# 4225
Delta R.T. 0.00 min
Lab File: BN006244.D
Acq: 11 Jun 2019 11:03

Instrument :
BNA_N
ClientSampled :
A51C2DL

Tot Ion	Ratio	Lower	Upper
202	100		
101	15.7	12.2	18.2
100	12.5	9.8	14.6

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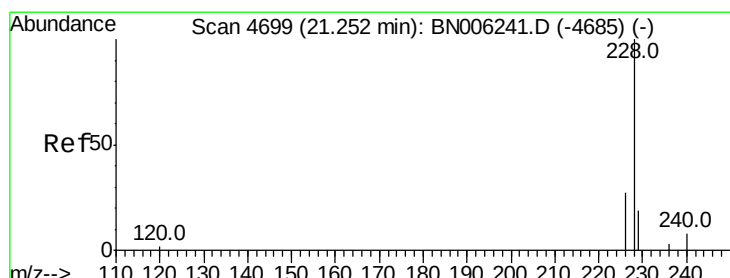
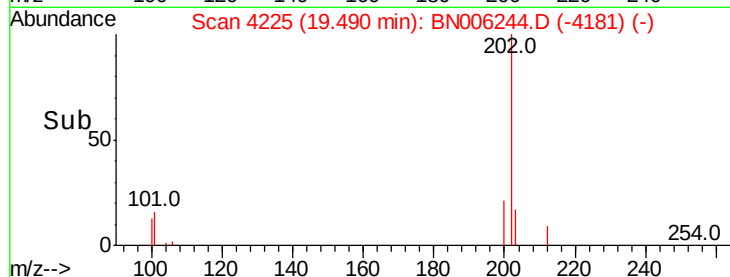
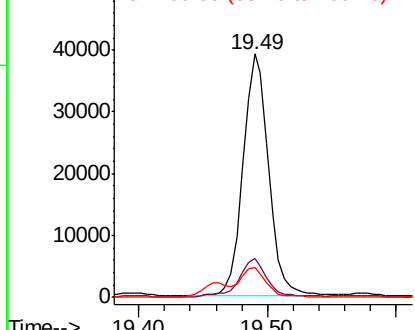


Abundance

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: 0.440 ng/ul
RT: 21.26 min Scan# 4703
Delta R.T. 0.01 min
Lab File: BN006244.D
Acq: 11 Jun 2019 11:03

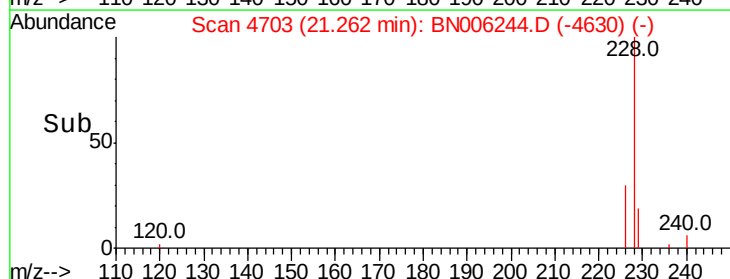
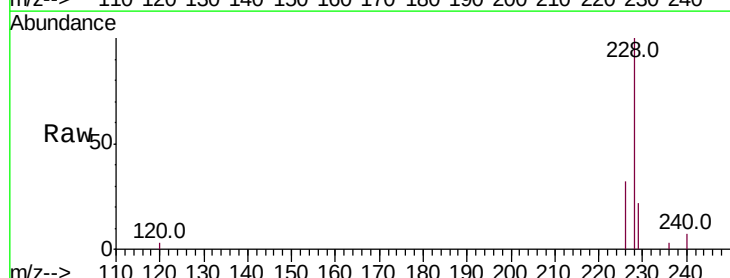
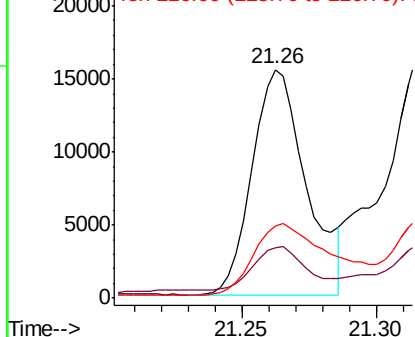
Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.9	16.5	24.7
226	31.7	22.8	34.2

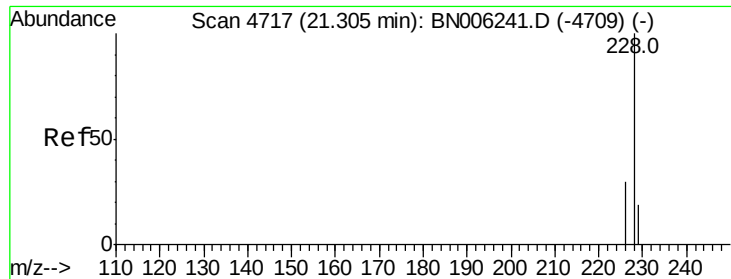
Abundance

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





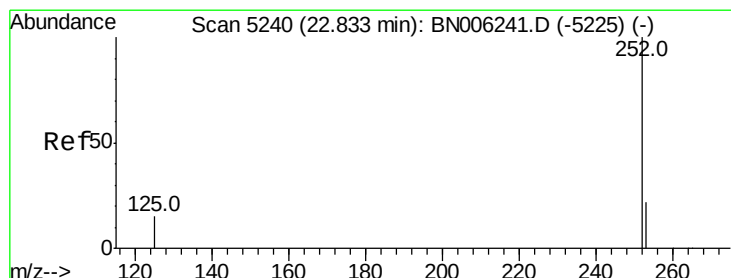
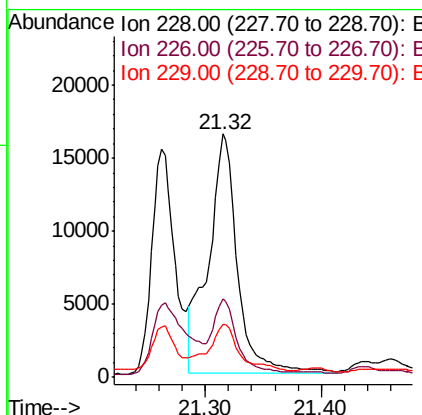
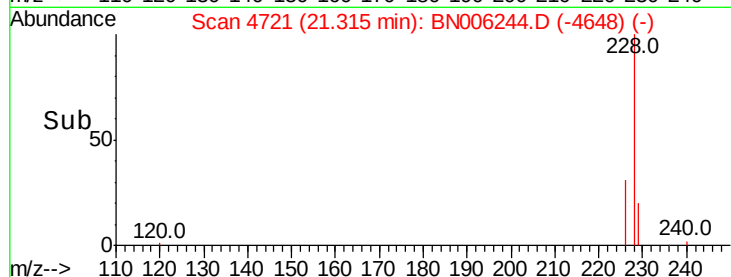
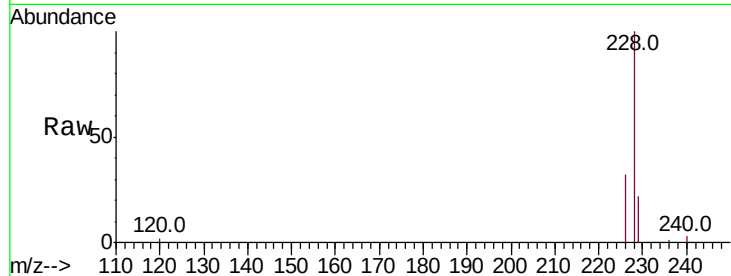
#19
Chrysene
Concen: 0.624 ng/ul
RT: 21.32 min Scan# 4721
Delta R.T. 0.01 min
Lab File: BN006244.D
Acq: 11 Jun 2019 11:03

Instrument :
BNA_N
ClientSampleId :
A51C2DL

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.3	25.0	37.6
229	22.0	16.3	24.5

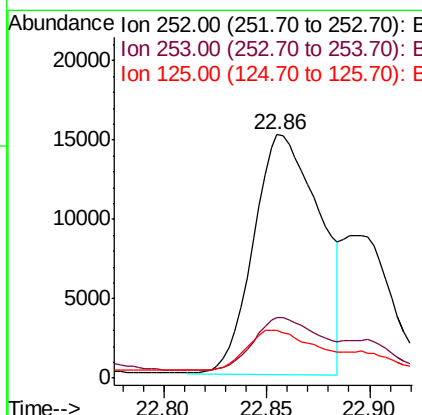
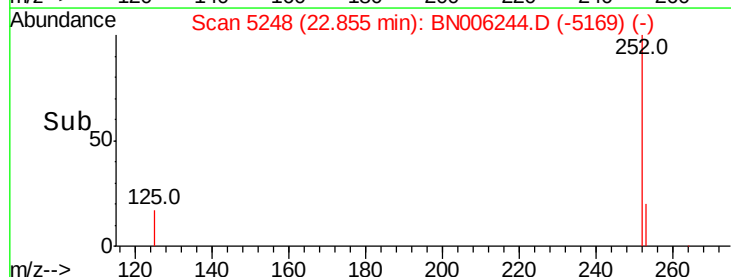
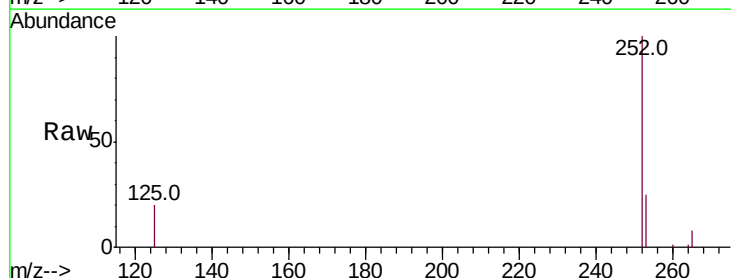
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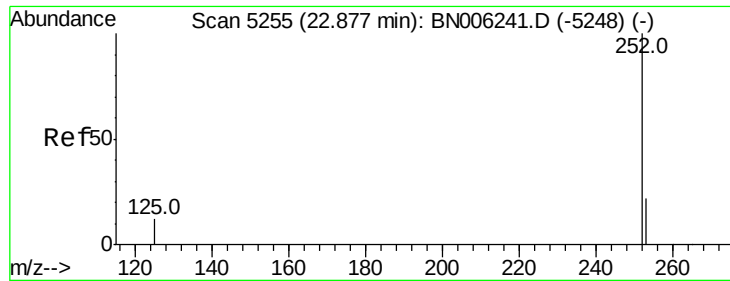
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#21
Benzo(b)fluoranthene
Concen: 0.563 ng/ul m
RT: 22.86 min Scan# 5248
Delta R.T. 0.03 min
Lab File: BN006244.D
Acq: 11 Jun 2019 11:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.6	0.0	51.4
125	19.6	0.0	41.0





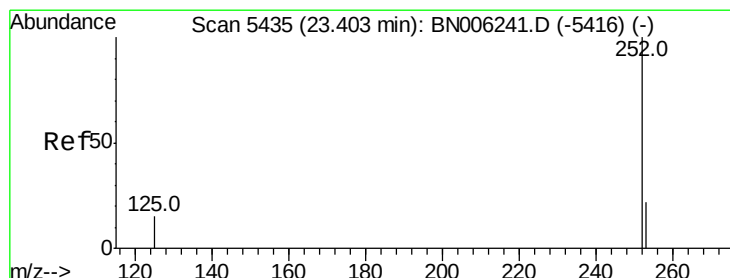
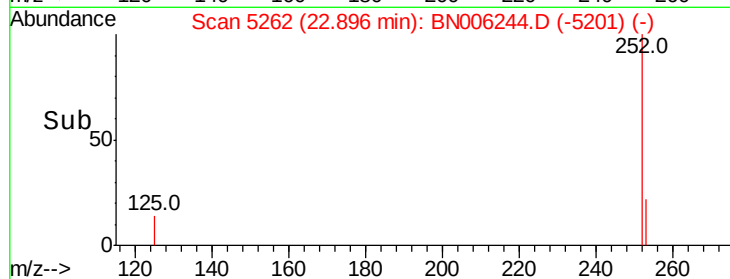
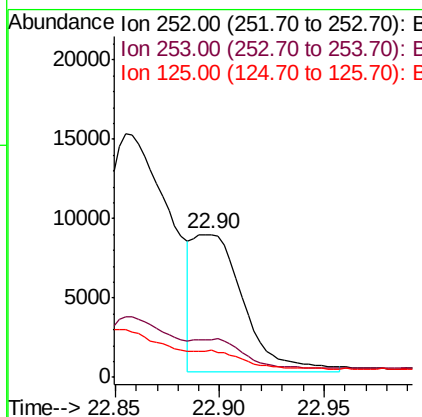
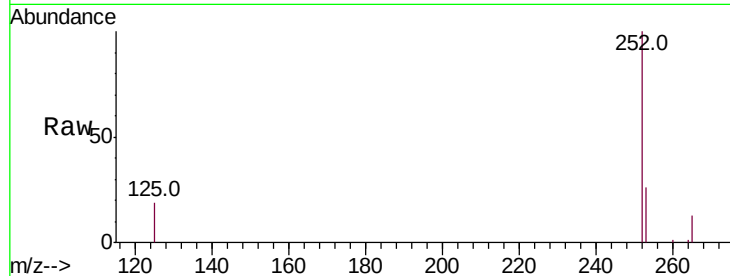
#22
Benzo(k)fluoranthene
Concen: 0.251 ng/ul m
RT: 22.90 min Scan# 5262
Delta R.T. 0.03 min
Lab File: BN006244.D
Acq: 11 Jun 2019 11:03

Instrument :
BNA_N
ClientSampleId :
A51C2DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.3	20.3	30.5
125	18.8	14.3	21.5

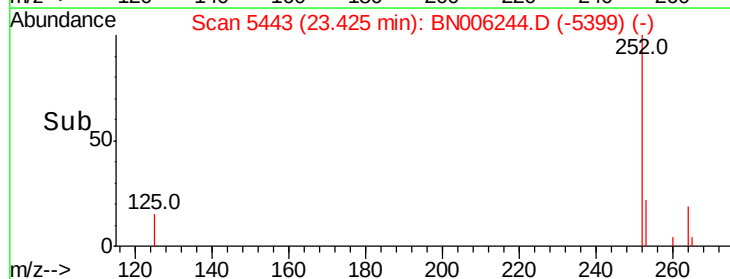
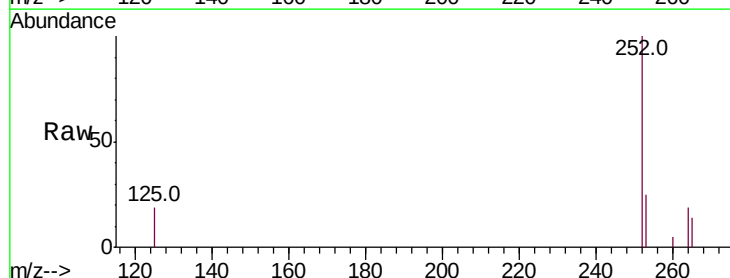
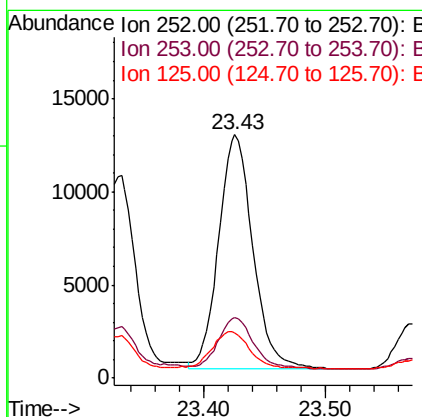
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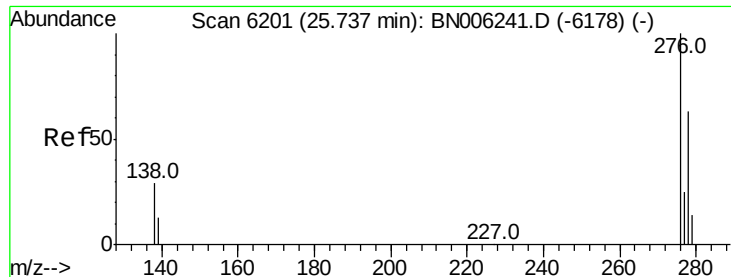
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#23
Benzo(a)pyrene
Concen: 0.437 ng/ul
RT: 23.43 min Scan# 5443
Delta R.T. 0.03 min
Lab File: BN006244.D
Acq: 11 Jun 2019 11:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	21.1	31.7
125	18.5	20.3	30.5#





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.286 ng/ul

RT: 25.76 min Scan# 6209

Delta R.T. 0.04 min

Lab File: BN006244.D

Acq: 11 Jun 2019 11:03

Instrument :

BNA_N

ClientSampleId :

A51C2DL

Tot Ion:276 Resp: 17460

Ion Ratio Lower Upper

276 100

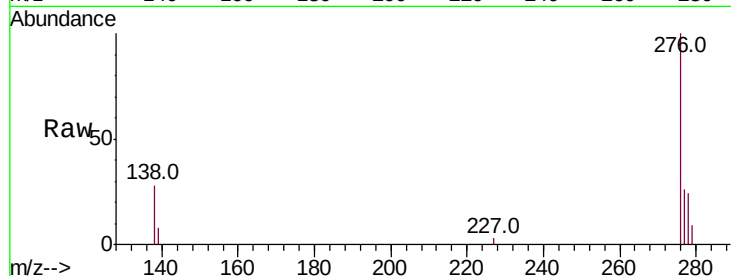
138 25.2 25.6 38.4#

227 0.0 0.3 0.5#

Manual Integrations
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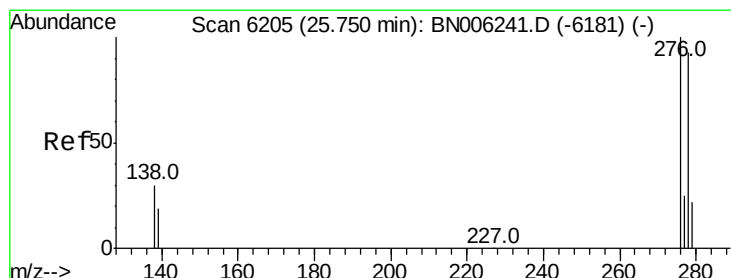
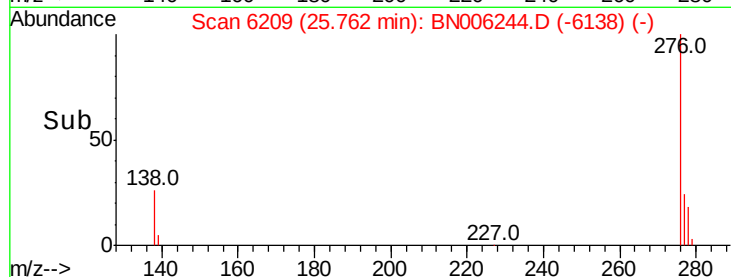
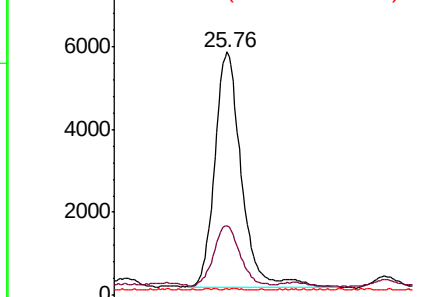
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Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



#25

Dibenzo(a,h)anthracene

Concen: 0.089 ng/ul

RT: 25.77 min Scan# 6211

Delta R.T. 0.03 min

Lab File: BN006244.D

Acq: 11 Jun 2019 11:03

Tgt Ion:278 Resp: 4341

Ion Ratio Lower Upper

278 100

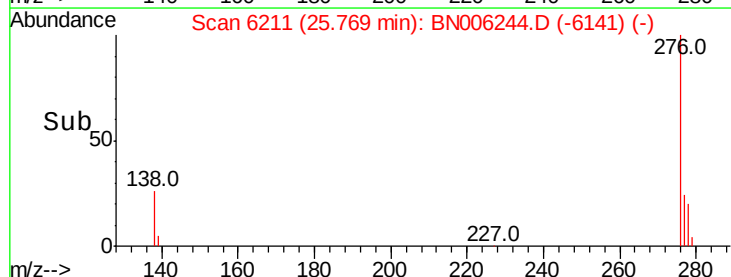
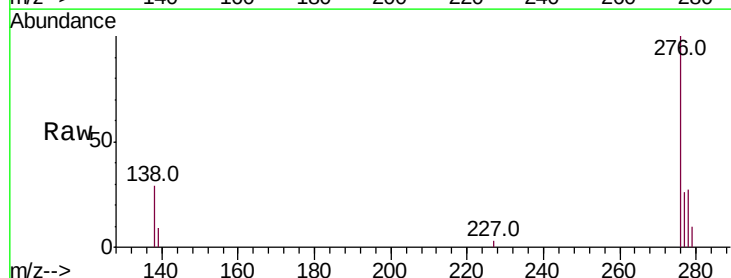
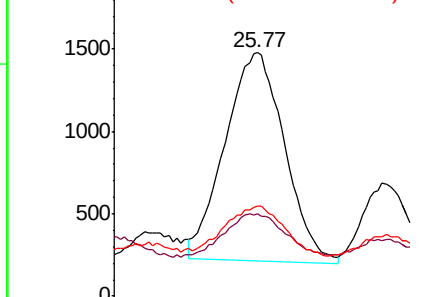
139 33.7 21.2 31.8#

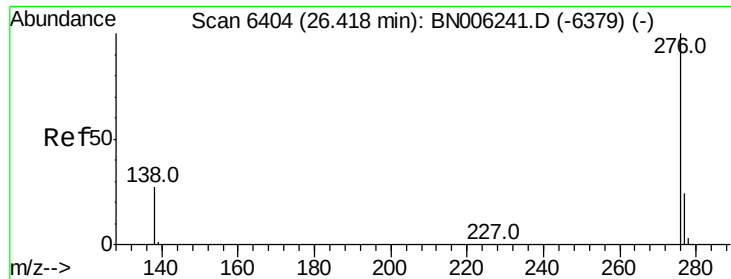
279 36.9 22.6 33.8#

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(a,h,i)perylene

Concen: 0.198 ng/ul

RT: 26.45 min Scan# 6413

Delta R.T. 0.04 min

Lab File: BN006244.D

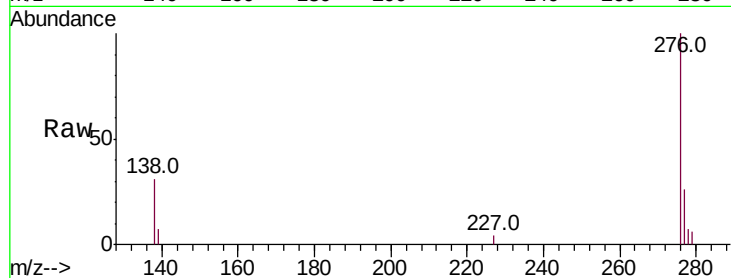
Acq: 11 Jun 2019 11:03

Instrument :

BNA_N

ClientSampleId :

A51C2DL



Tot Ion	Ratio	Lower	Upper
276	100		
138	30.6	24.2	36.4
277	26.1	21.5	32.3

Manual Integrations
APPROVED

mohammad
6/11/2019 4:39:06 PM

