

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
 Data File : BN006347.D
 Acq On : 17 Jun 2019 14:41
 Operator : JU/SJ
 Sample : K3332-10
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A41W2

Manual Integrations
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mohammad
 6/20/2019 10:51:02 AM

Quant Time: Jun 18 02:14:24 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 : Mon Jun 17 11:13:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	4596	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	18450	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	10086	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	19010m	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	11712m	0.40	ng/ul	0.00
20) Perylene-d12	23.50	264	9577m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	6054	0.21	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	13662m	0.27	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.47	128	1486	0.029	ng/ul#	83
7) Acenaphthylene	14.01	152	7297	0.130	ng/ul	98
12) Phenanthrene	17.09	178	41187m	0.675	ng/ul	
13) Anthracene	17.18	178	7435m	0.128	ng/ul	
15) Fluoranthene	19.12	202	92849m	1.378	ng/ul	
17) Pyrene	19.49	202	74418	1.206	ng/ul	99
18) Benzo(a)anthracene	21.25	228	30324	0.585	ng/ul	99
19) Chrysene	21.30	228	35006	0.720	ng/ul	98
21) Benzo(b)fluoranthene	22.83	252	37469m	0.938	ng/ul	
22) Benzo(k)fluoranthene	22.88	252	13435m	0.345	ng/ul	
23) Benzo(a)pyrene	23.40	252	23124m	0.622	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.74	276	13629m	0.339	ng/ul	
25) Dibenzo(a,h)anthracene	25.74	278	3398m	0.106	ng/ul	
26) Benzo(g,h,i)perylene	26.42	276	9913m	0.294	ng/ul	

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

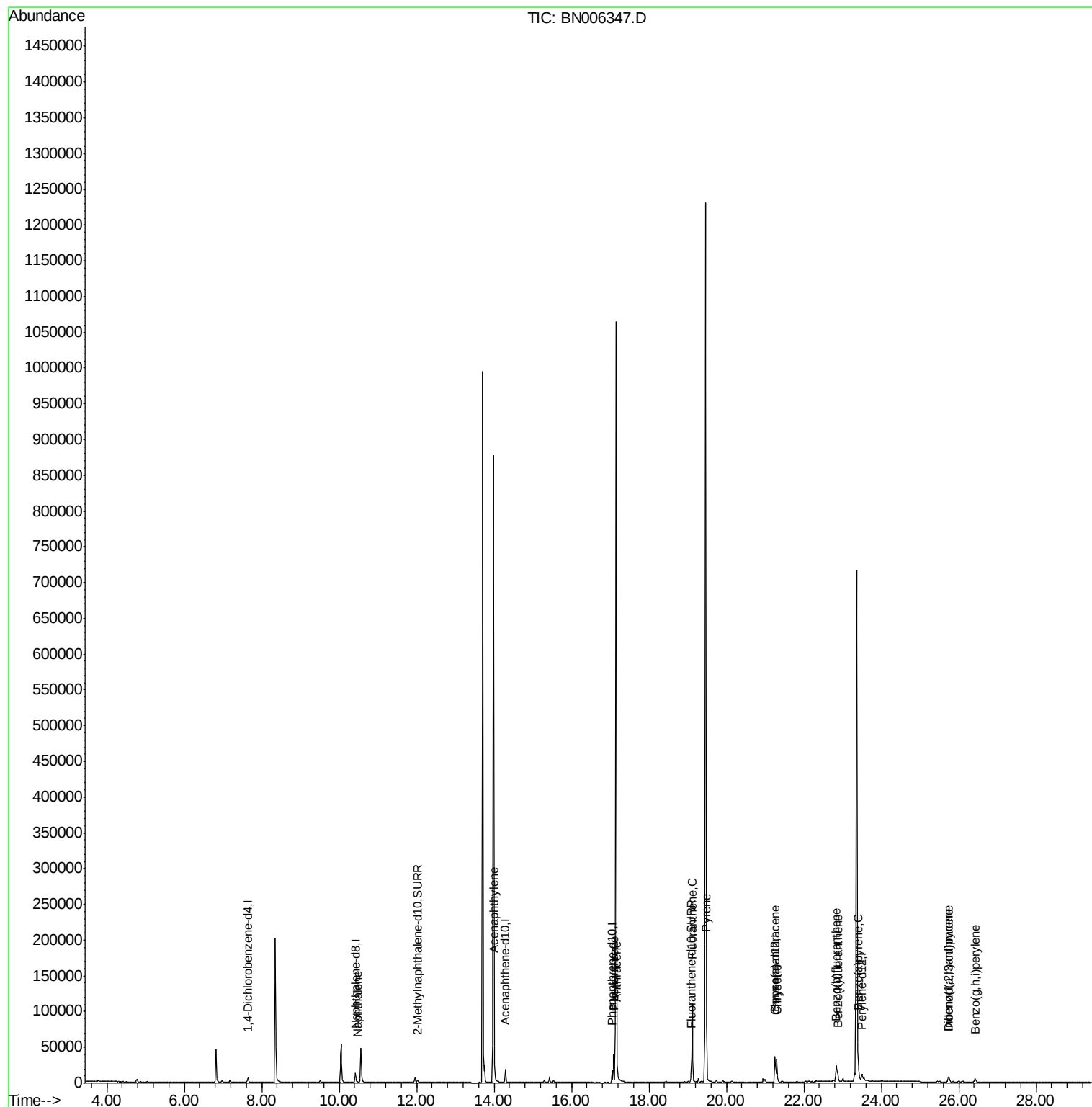
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
Data File : BN006347.D
Acq On : 17 Jun 2019 14:41
Operator : JU/SJ
Sample : K3332-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

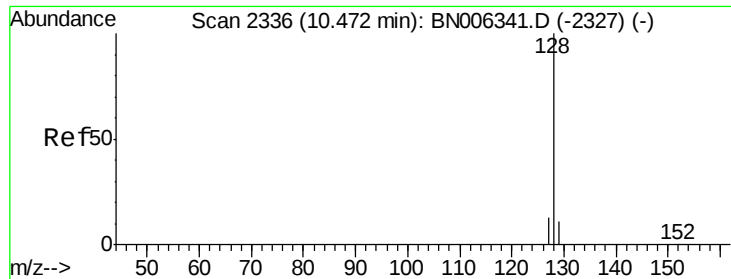
Instrument :
BNA_N
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A41W2

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Quant Time: Jun 18 02:14:24 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 : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.029 ng/ul

RT: 10.47 min Scan# 2335

Delta R.T. -0.01 min

Lab File: BN006347.D

Acq: 17 Jun 2019 14:41

Instrument :

BNA_N

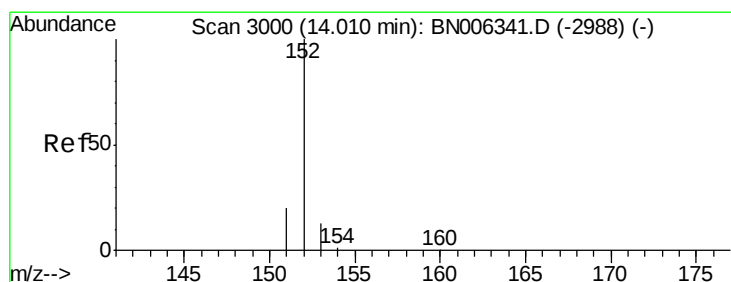
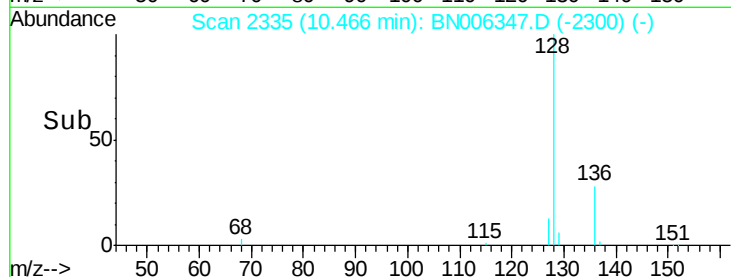
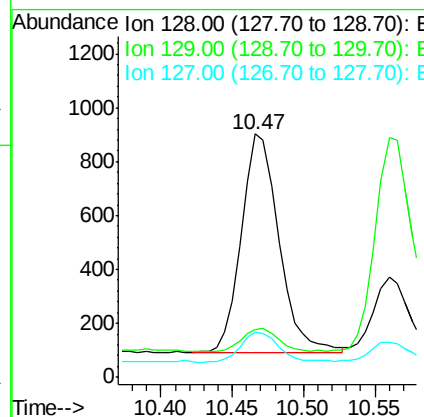
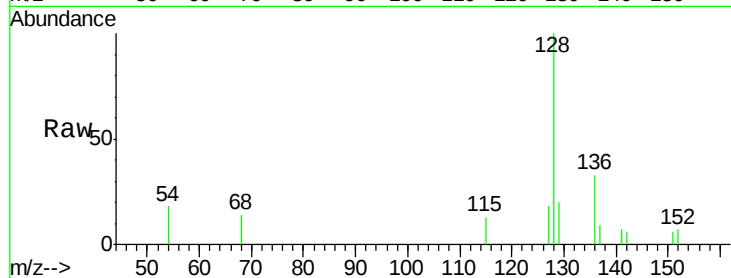
ClientSampleId :

A41W2

Tot Ion:	128	Resp:	1486
Ion Ratio	Lower	Upper	
128	100		
129	19.7	9.3	13.9#
127	18.5	10.7	16.1#

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#7

Acenaphthylene

Concen: 0.130 ng/ul

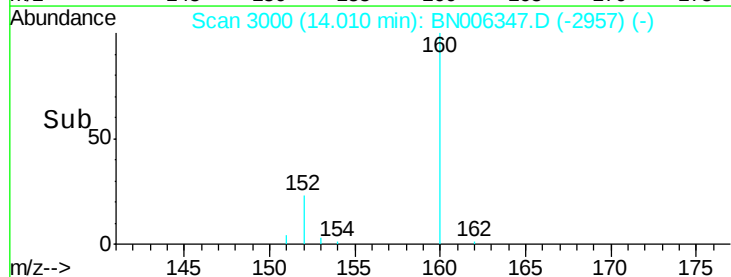
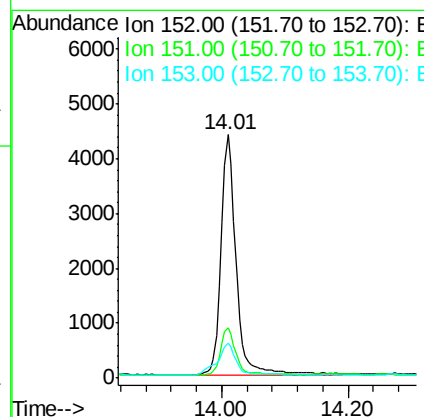
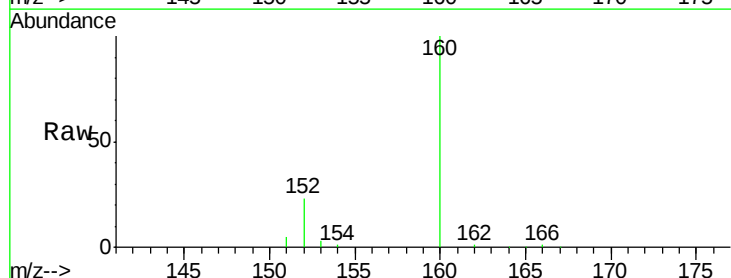
RT: 14.01 min Scan# 3000

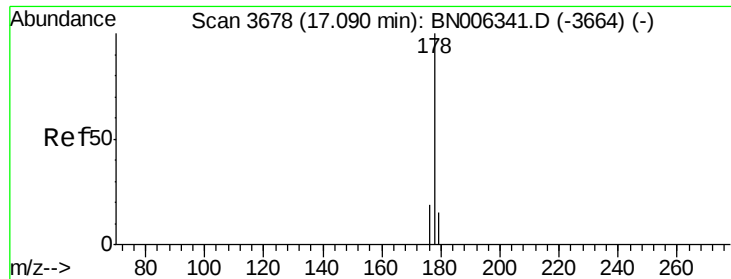
Delta R.T. 0.00 min

Lab File: BN006347.D

Acq: 17 Jun 2019 14:41

Tgt Ion:	152	Resp:	7297
Ion Ratio	Lower	Upper	
152	100		
151	20.4	15.8	23.8
153	14.4	10.8	16.2





#12

Phenanthrene

Concen: 0.675 ng/ul m

RT: 17.09 min Scan# 3678

Delta R.T. 0.00 min

Lab File: BN006347.D

Acq: 17 Jun 2019 14:41

Instrument :

BNA_N

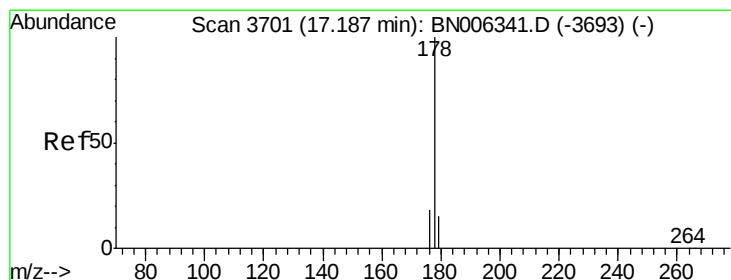
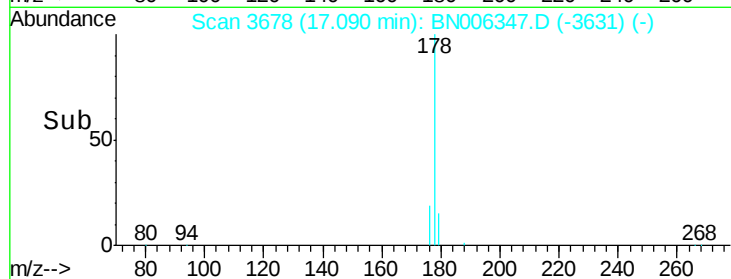
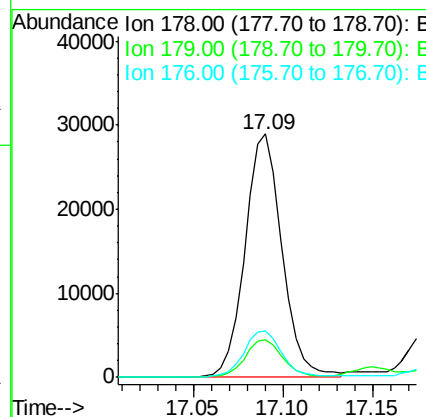
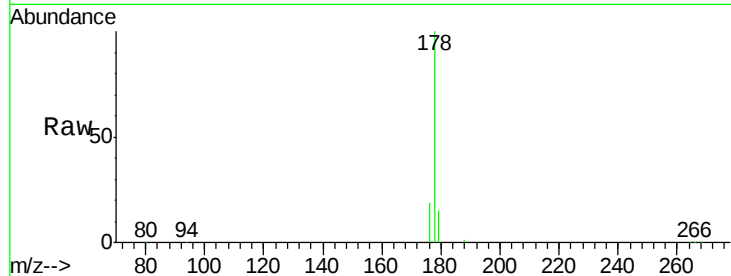
ClientSampleId :

A41W2

Tot Ion:178	Resp:	41187
Ion Ratio	Lower	Upper
178	100	
179	15.5	12.3 18.5
176	19.0	15.3 22.9

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#13

Anthracene

Concen: 0.128 ng/ul m

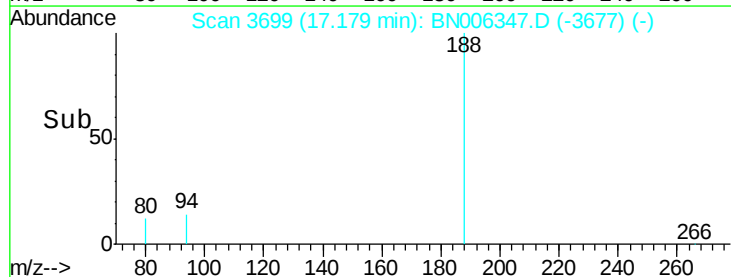
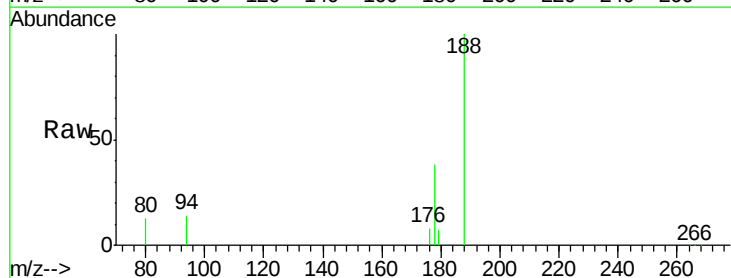
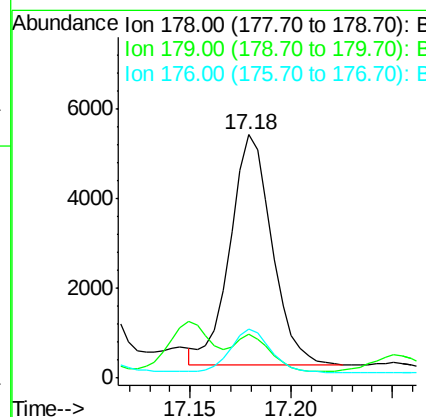
RT: 17.18 min Scan# 3699

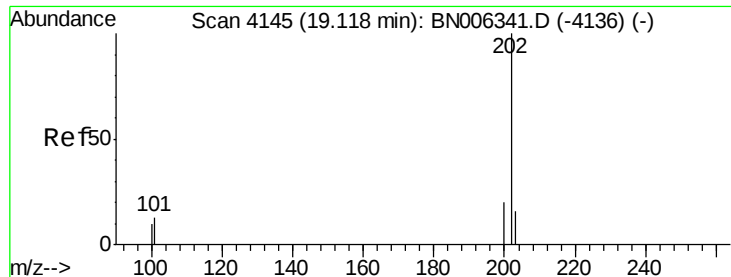
Delta R.T. -0.01 min

Lab File: BN006347.D

Acq: 17 Jun 2019 14:41

Tgt Ion:178	Resp:	7435
Ion Ratio	Lower	Upper
178	100	
179	17.8	12.2 18.4
176	20.0	15.1 22.7





#15

Fluoranthene

Concen: 1.378 ng/ul m

RT: 19.12 min Scan# 4145

Delta R.T. 0.00 min

Lab File: BN006347.D

Acq: 17 Jun 2019 14:41

Instrument :

BNA_N

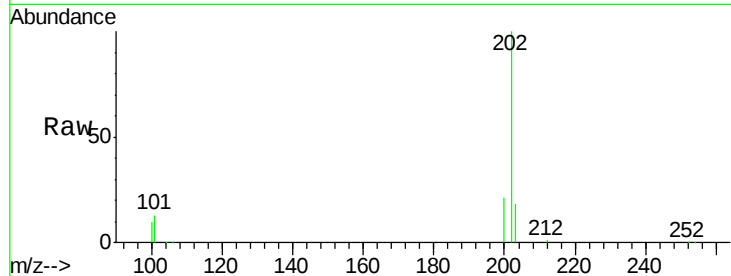
ClientSampleId :

A41W2

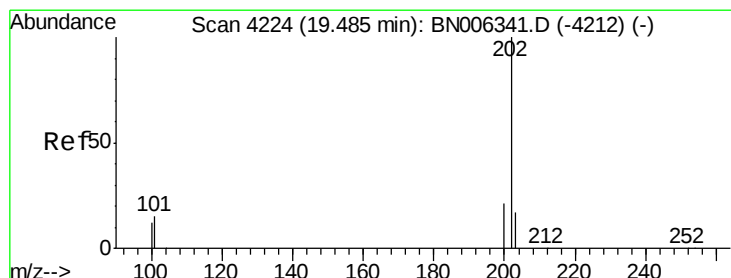
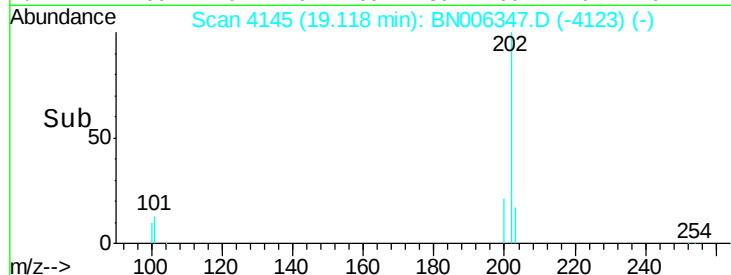
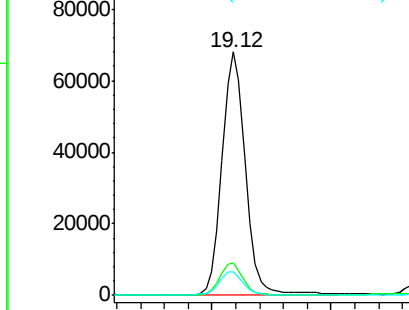
Tot Ion:	202	Resp:	92849
Ion Ratio	Lower	Upper	
202	100		
101	13.2	0.0	32.1
100	9.7	0.0	28.7

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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



#17

Pyrene

Concen: 1.206 ng/ul

RT: 19.49 min Scan# 4224

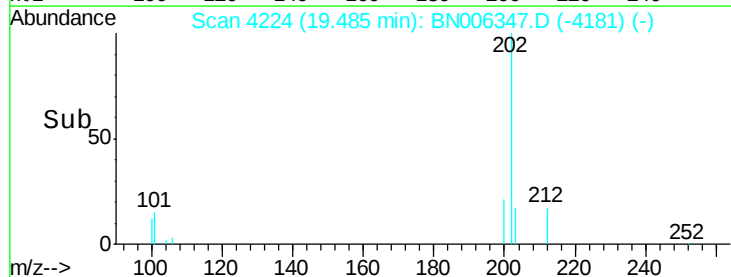
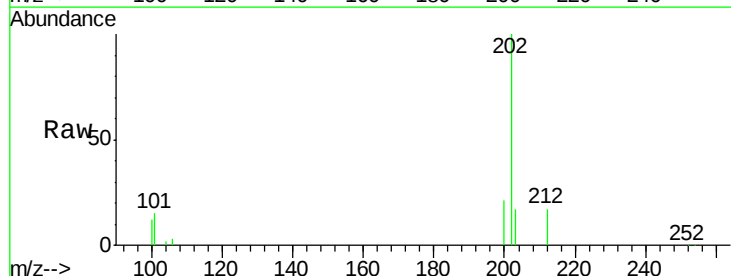
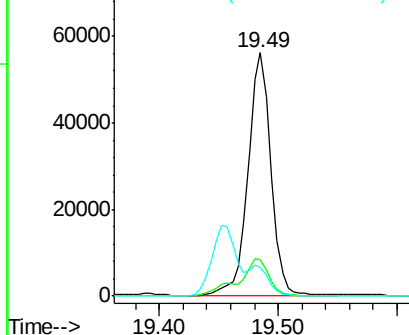
Delta R.T. 0.00 min

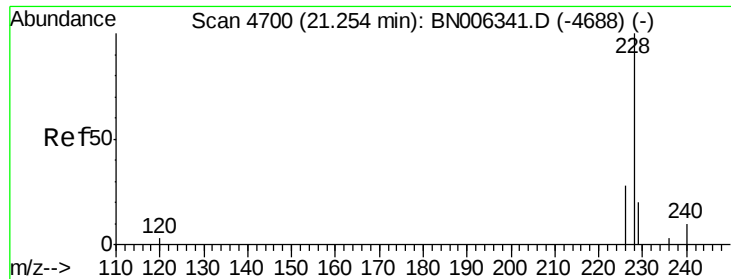
Lab File: BN006347.D

Acq: 17 Jun 2019 14:41

Tgt Ion:	202	Resp:	74418
Ion Ratio	Lower	Upper	
202	100		
101	14.9	12.2	18.2
100	12.0	9.8	14.6

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





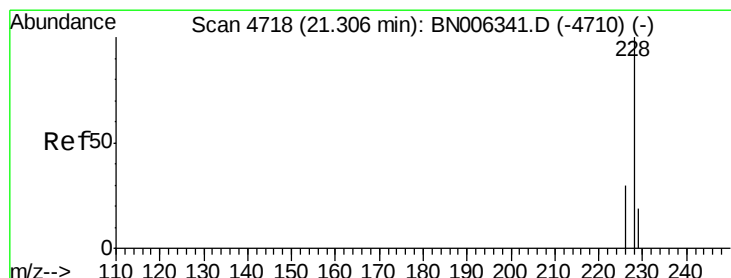
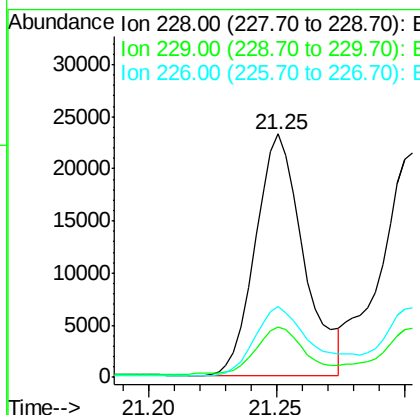
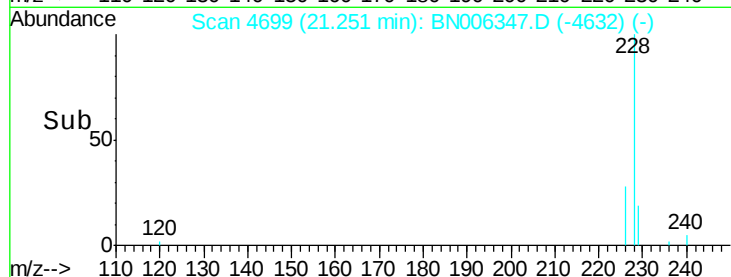
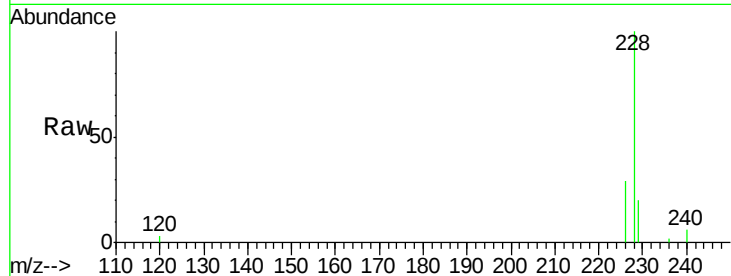
#18
Benzo(a)anthracene
Concen: 0.585 ng/ul
RT: 21.25 min Scan# 4699
Delta R.T. -0.00 min
Lab File: BN006347.D
Acq: 17 Jun 2019 14:41

Instrument :
BNA_N
ClientSampleId :
A41W2

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.4	16.5	24.7
226	29.0	22.8	34.2

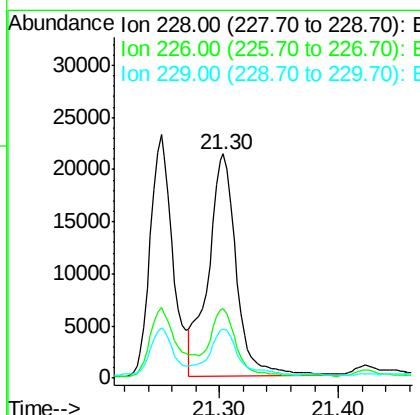
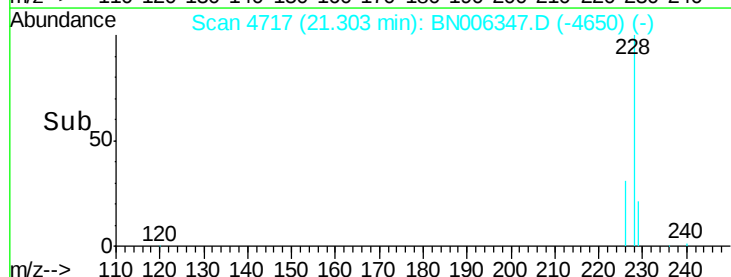
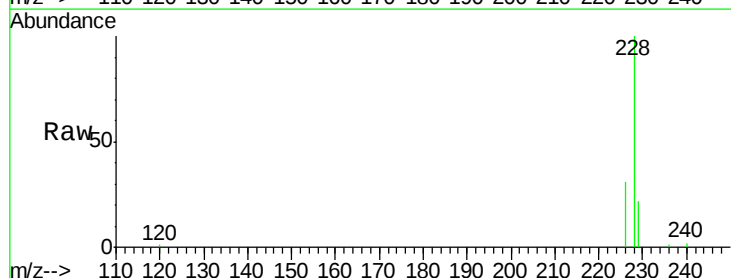
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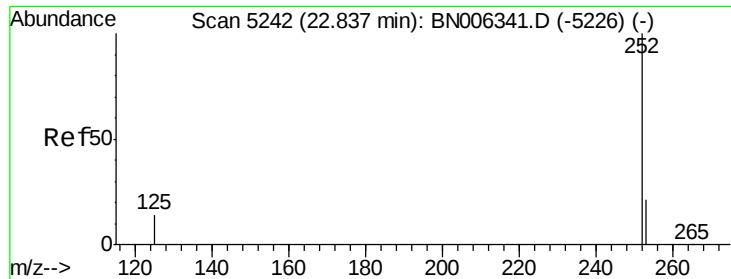
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#19
Chrysene
Concen: 0.720 ng/ul
RT: 21.30 min Scan# 4717
Delta R.T. -0.00 min
Lab File: BN006347.D
Acq: 17 Jun 2019 14:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.6
229	22.1	16.3	24.5





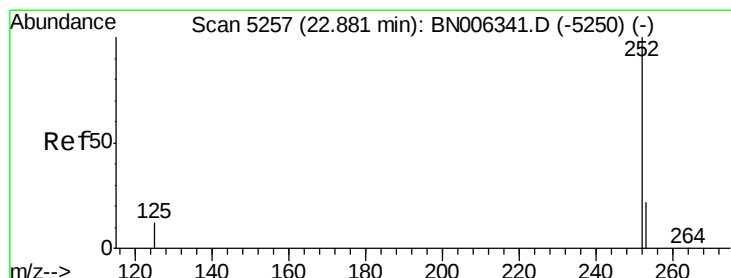
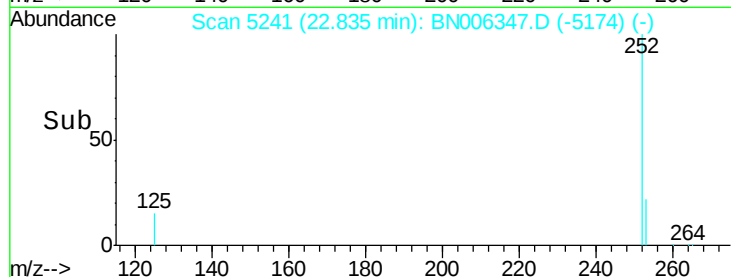
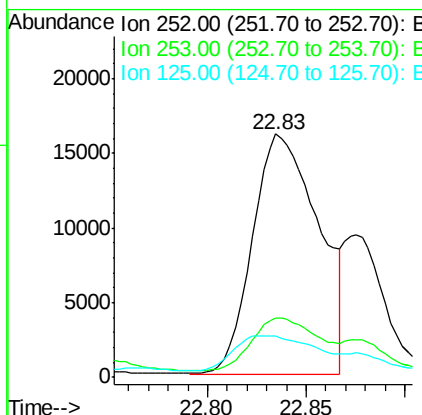
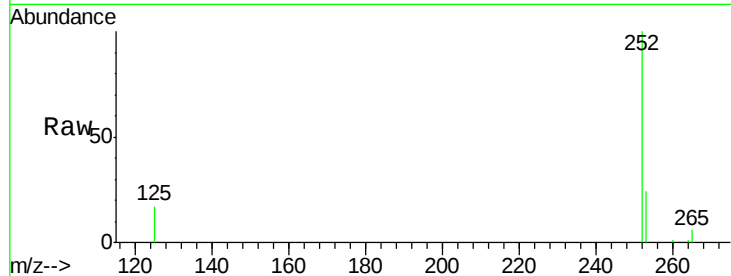
#21
Benzo(b)fluoranthene
Concen: 0.938 ng/ul m
RT: 22.83 min Scan# 5241
Delta R.T. -0.00 min
Lab File: BN006347.D
Acq: 17 Jun 2019 14:41

Instrument :
BNA_N
ClientSampled :
A41W2

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	0.0	51.4
125	16.9	0.0	41.0

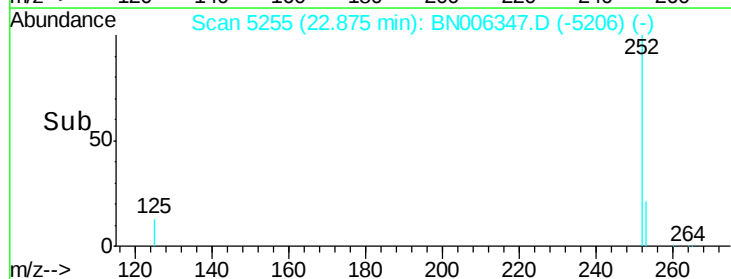
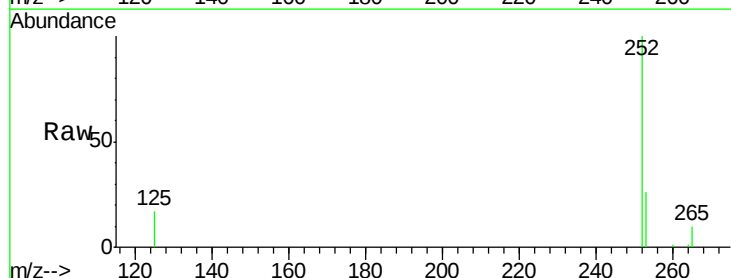
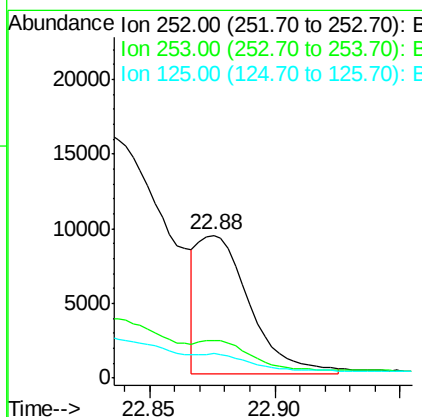
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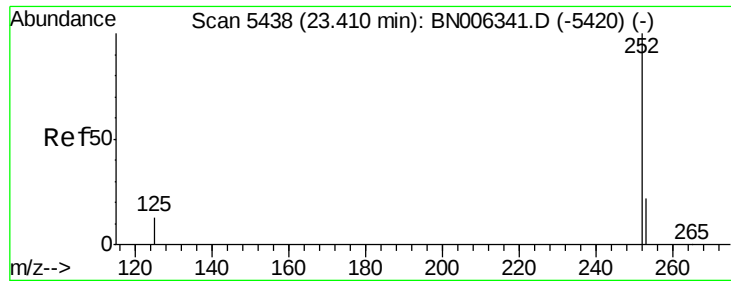
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#22
Benzo(k)fluoranthene
Concen: 0.345 ng/ul m
RT: 22.88 min Scan# 5255
Delta R.T. -0.01 min
Lab File: BN006347.D
Acq: 17 Jun 2019 14:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.4	20.3	30.5
125	17.2	14.3	21.5





#23

Benzo(a)pyrene

Concen: 0.622 ng/ul m

RT: 23.40 min Scan# 5436

Delta R.T. -0.01 min

Lab File: BN006347.D

Acq: 17 Jun 2019 14:41

Instrument :

BNA_N

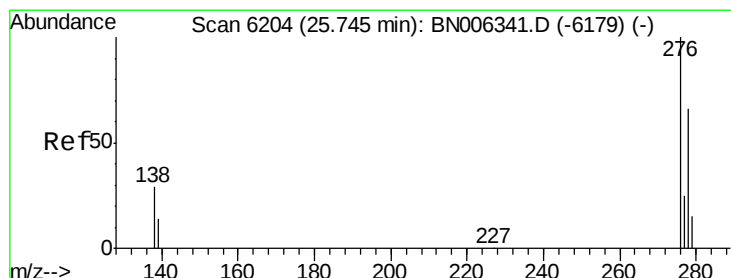
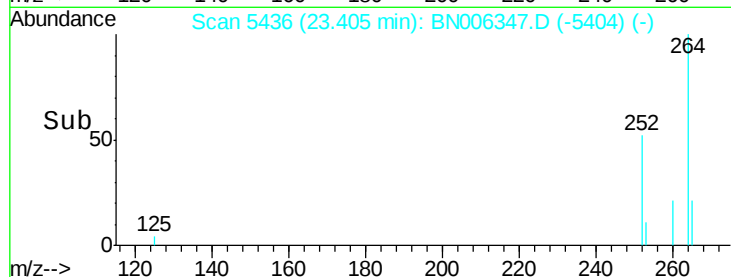
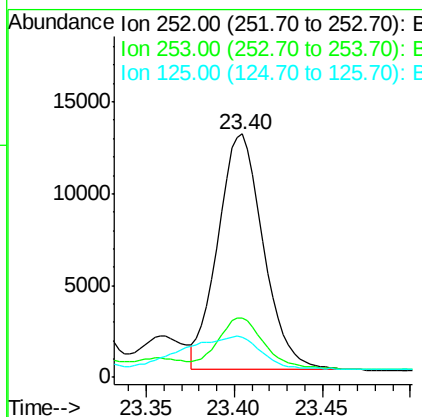
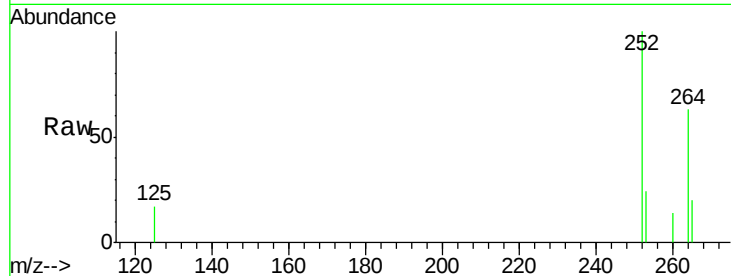
ClientSampleId :

A41W2

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	21.1	31.7
125	16.5	20.3	30.5#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.339 ng/ul m

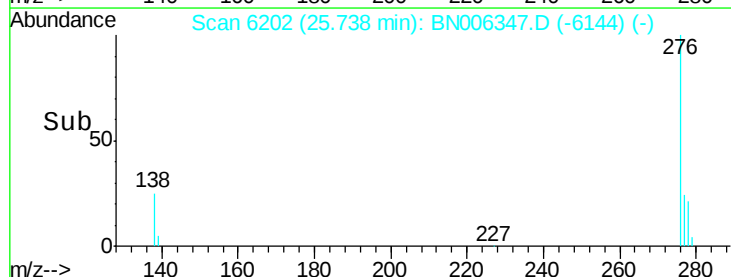
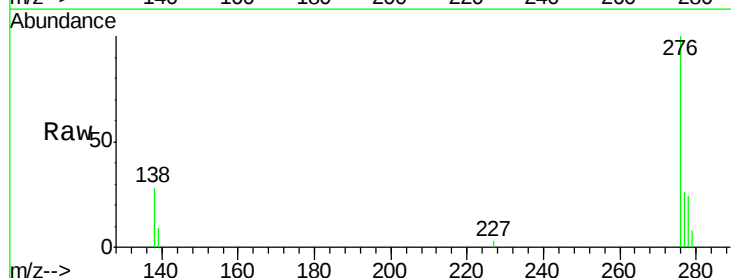
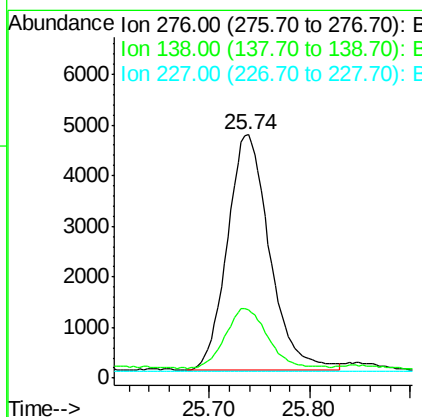
RT: 25.74 min Scan# 6202

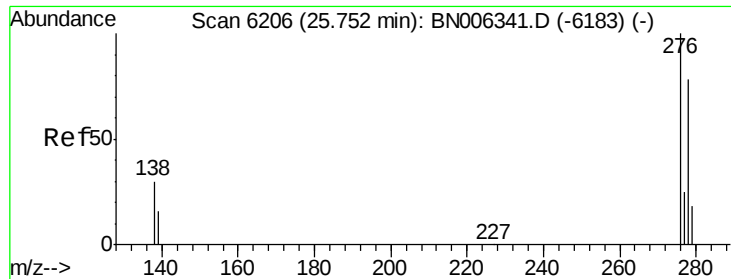
Delta R.T. -0.01 min

Lab File: BN006347.D

Acq: 17 Jun 2019 14:41

Tgt Ion	Ratio	Lower	Upper
276	100		
138	2.4	25.6	38.4#
227	0.1	0.3	0.5#





#25

Dibenzo(a,h)anthracene

Concen: 0.106 ng/ul m

RT: 25.74 min Scan# 6201

Delta R.T. -0.02 min

Lab File: BN006347.D

Acq: 17 Jun 2019 14:41

Instrument :

BNA_N

ClientSampleId :

A41W2

Tot Ion:278 Resp: 3398

Ion Ratio Lower Upper

278 100

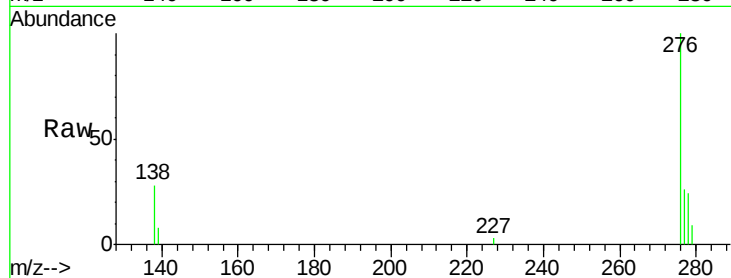
139 32.3 21.2 31.8#

279 35.7 22.6 33.8#

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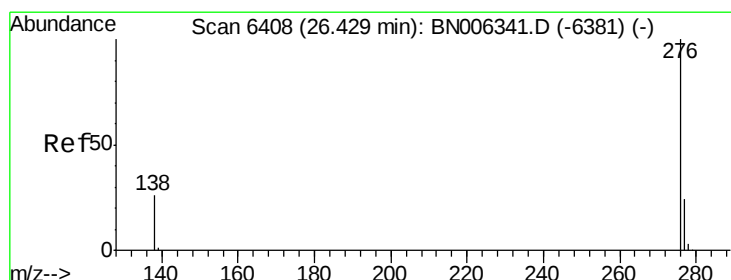
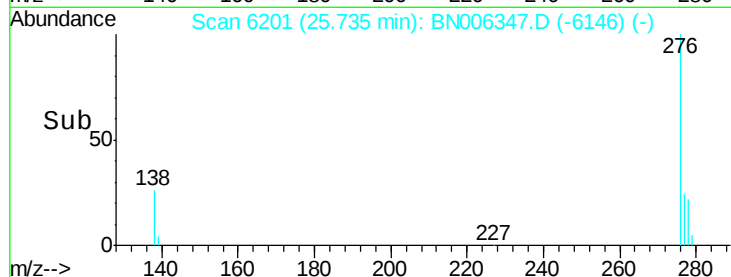
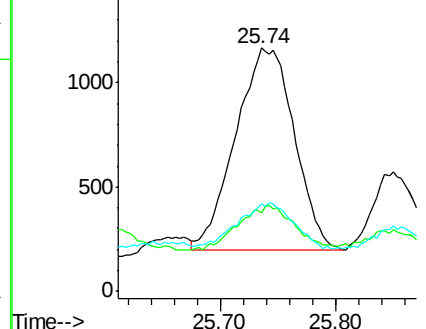
6/20/2019 10:51:02 AM



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: 0.294 ng/ul m

RT: 26.42 min Scan# 6406

Delta R.T. -0.01 min

Lab File: BN006347.D

Acq: 17 Jun 2019 14:41

Tgt Ion:276 Resp: 9913

Ion Ratio Lower Upper

276 100

138 30.7 24.2 36.4

277 26.0 21.5 32.3

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

