

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061019\
 Data File : BN006235.D
 Acq On : 10 Jun 2019 22:19
 Operator : JU/SJ
 Sample : K3017-22
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A51F5

Manual Integrations
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mohammad
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Quant Time: Jun 11 02:23:02 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	4293	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	16283	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	8505	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	17563m	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	13623m	0.40	ng/ul	0.00
20) Perylene-d12	23.49	264	17766	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	4908	0.20	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	10935m	0.23	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	14.01	152	1800	0.038	ng/ul#	86
8) Acenaphthene	14.36	153	706	0.022	ng/ul#	93
12) Phenanthrene	17.09	178	22300	0.396	ng/ul	98
13) Anthracene	17.18	178	3419m	0.064	ng/ul	
15) Fluoranthene	19.12	202	72626m	1.167	ng/ul	
17) Pyrene	19.49	202	57399	0.800	ng/ul	99
18) Benzo(a)anthracene	21.25	228	22813m	0.379	ng/ul	
19) Chrysene	21.30	228	31851	0.563	ng/ul	98
21) Benzo(b)fluoranthene	22.82	252	45387m	0.613	ng/ul	
22) Benzo(k)fluoranthene	22.86	252	17069m	0.237	ng/ul	
23) Benzo(a)pyrene	23.39	252	27187	0.394	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	25.72	276	23040	0.309	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.73	278	5248	0.088	ng/ul#	56
26) Benzo(g,h,i)perylene	26.41	276	20828	0.333	ng/ul	98

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

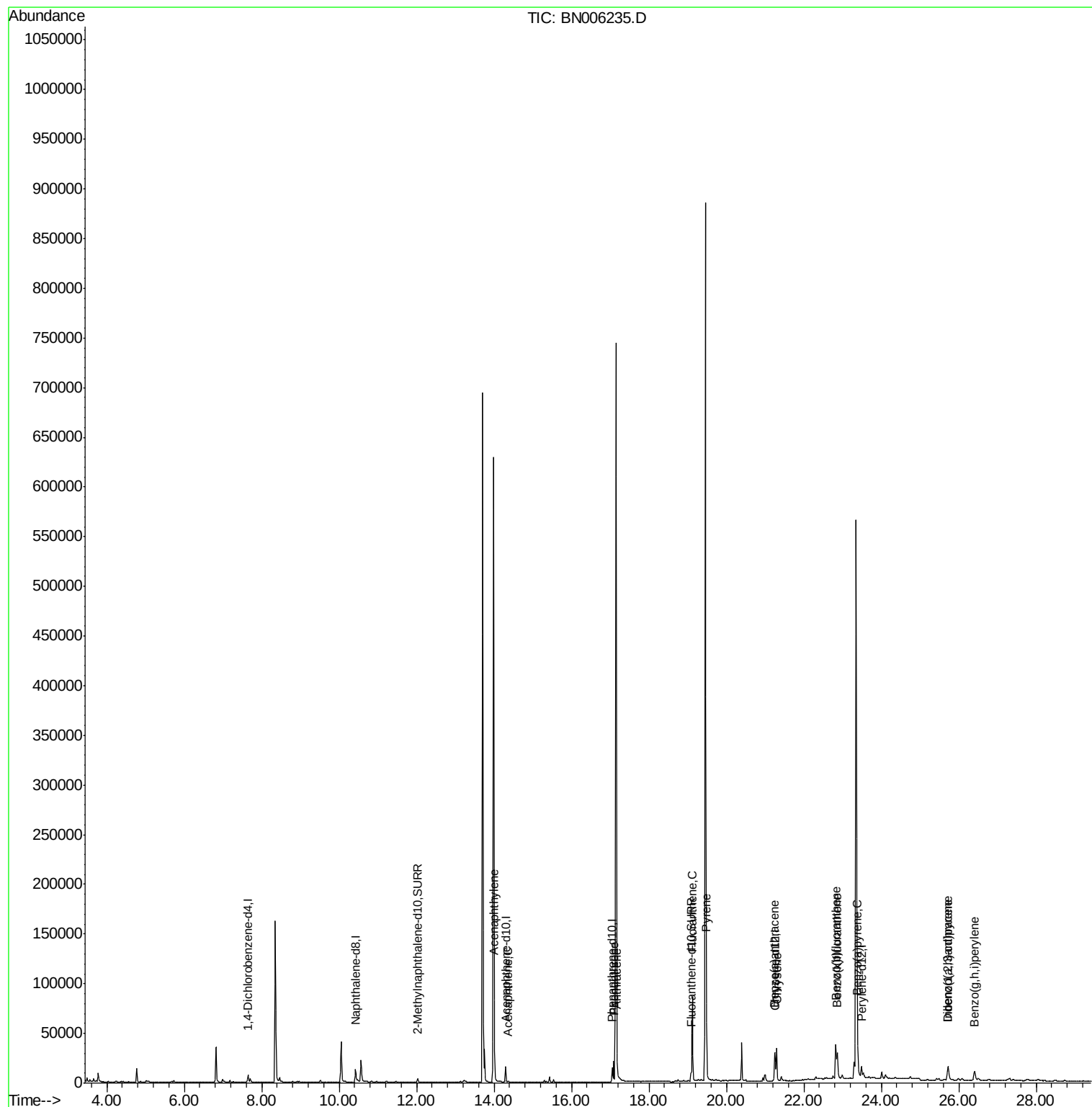
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061019\
Data File : BN006235.D
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Misc :
ALS Vial : 23 Sample Multiplier: 1

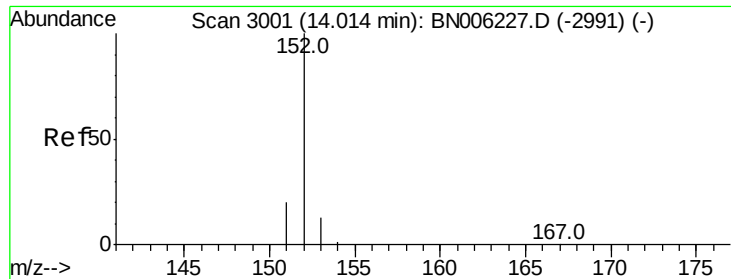
Instrument :
BNA_N
ClientSampleId :
A51F5

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Quant Time: Jun 11 02:23:02 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
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#7

Acenaphthylene

Concen: 0.038 ng/ul

RT: 14.01 min Scan# 3001

Delta R.T. -0.00 min

Lab File: BN006235.D

Acq: 10 Jun 2019 22:19

Instrument :

BNA_N

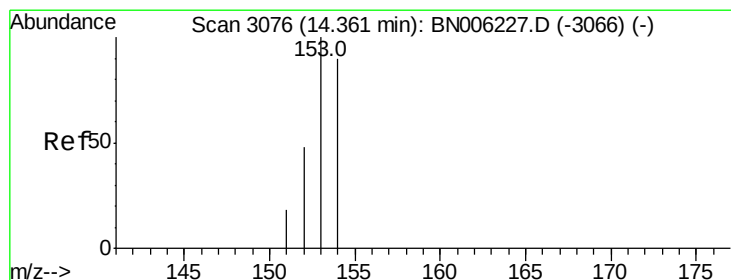
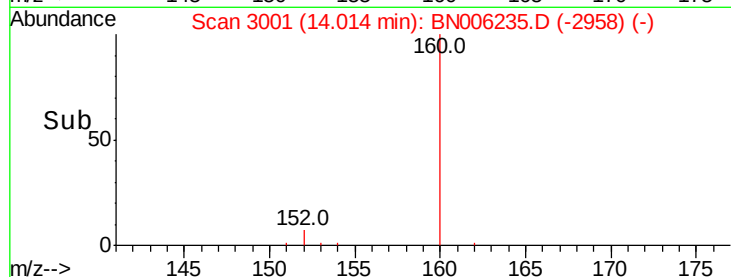
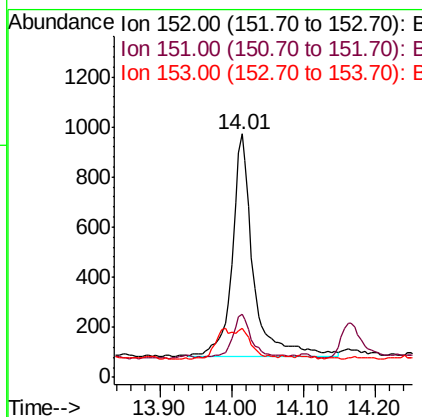
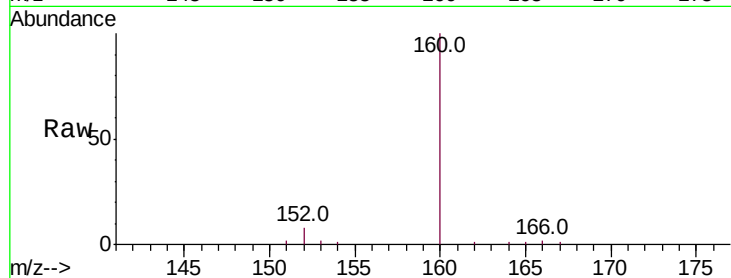
ClientSampleId :

A51F5

Tot Ion:	152	Resp:	1800
Ion Ratio	Lower	Upper	
152	100		
151	25.8	15.8	23.8#
153	20.1	10.8	16.2#

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#8

Acenaphthene

Concen: 0.022 ng/ul

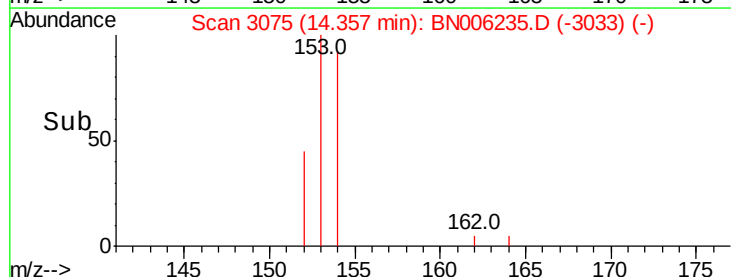
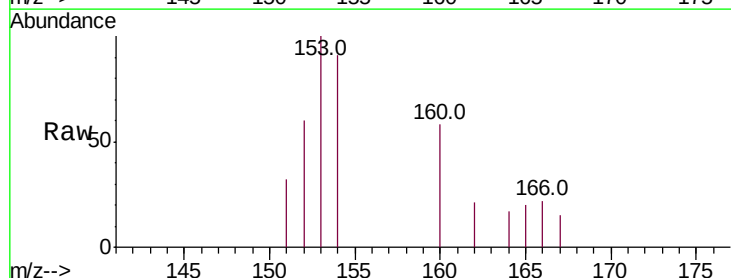
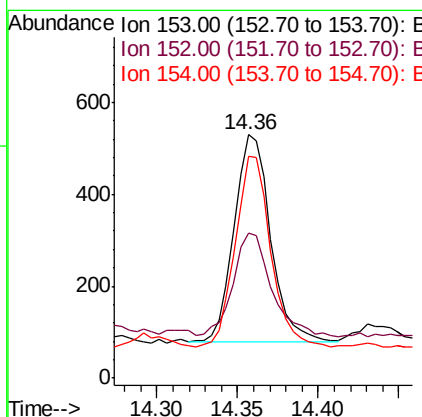
RT: 14.36 min Scan# 3075

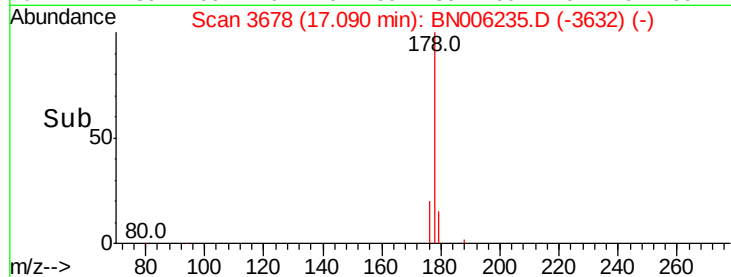
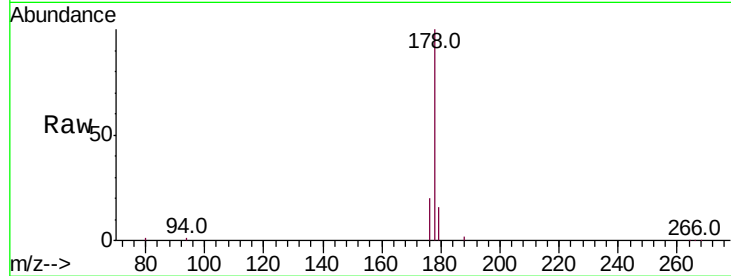
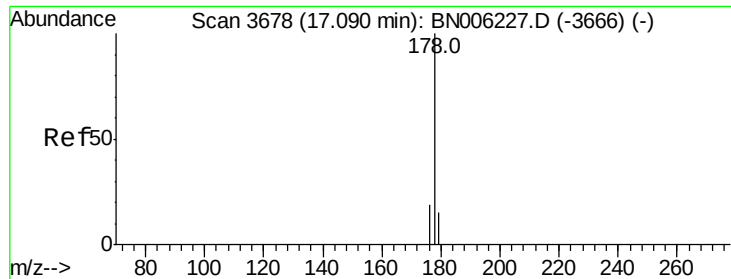
Delta R.T. -0.00 min

Lab File: BN006235.D

Acq: 10 Jun 2019 22:19

Tgt Ion:	153	Resp:	706
Ion Ratio	Lower	Upper	
153	100		
152	59.6	39.1	58.7#
154	91.3	71.1	106.7





#12

Phenanthrene

Concen: 0.396 ng/ul

RT: 17.09 min Scan# 3678

Delta R.T. -0.00 min

Lab File: BN006235.D

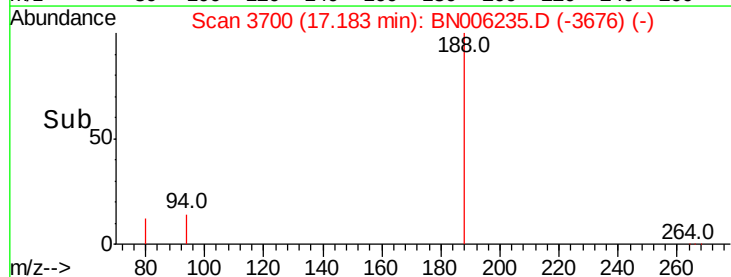
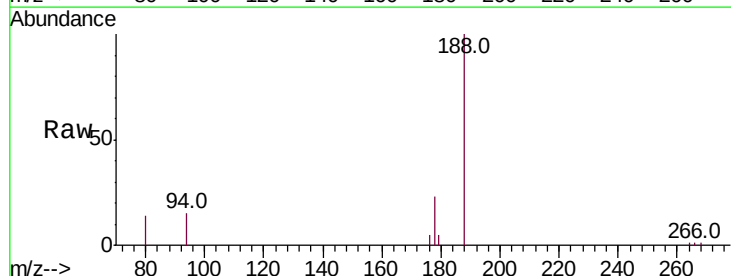
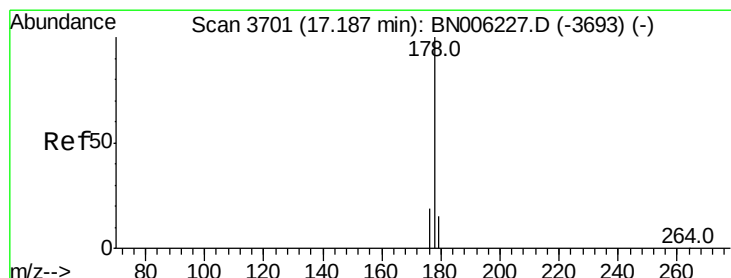
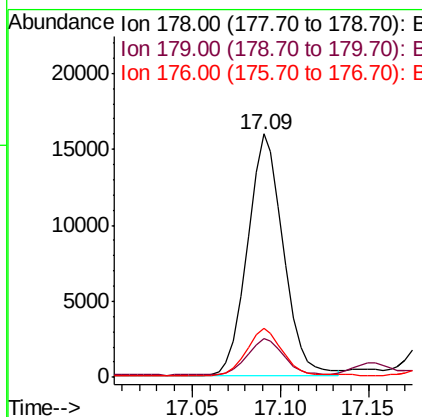
Acq: 10 Jun 2019 22:19

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.3	18.5
176	20.2	15.3	22.9

Instrument :
BNA_N
ClientSampleId :
A51F5

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#13

Anthracene

Concen: 0.064 ng/ul m

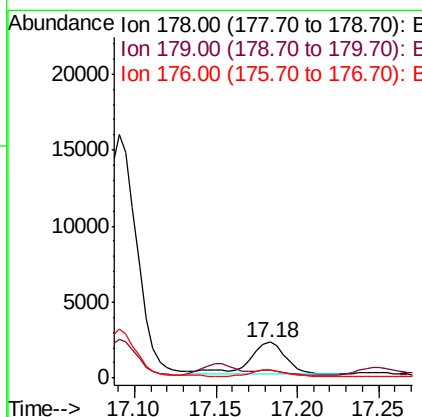
RT: 17.18 min Scan# 3700

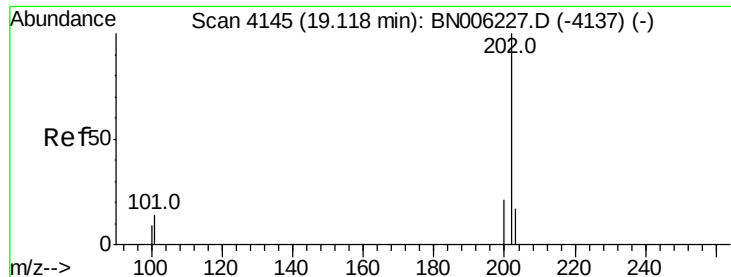
Delta R.T. -0.00 min

Lab File: BN006235.D

Acq: 10 Jun 2019 22:19

Tgt Ion	Ratio	Lower	Upper
178	100		
179	22.5	12.2	18.4#
176	21.8	15.1	22.7





#15

Fluoranthene

Concen: 1.167 ng/ul m

RT: 19.12 min Scan# 4145

Delta R.T. -0.00 min

Lab File: BN006235.D

Acq: 10 Jun 2019 22:19

Instrument :

BNA_N

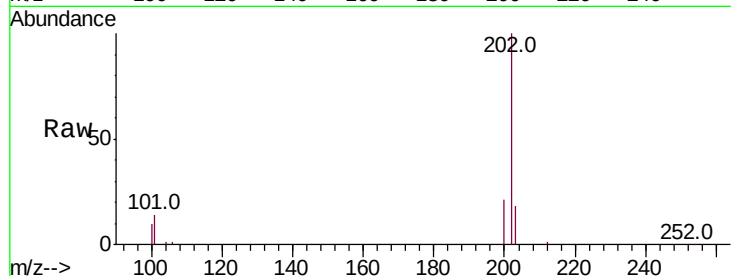
ClientSampleId :

A51F5

Tot Ion:	202	Resp:	72626
Ion Ratio	Lower	Upper	
202	100		
101	13.8	0.0	32.1
100	10.2	0.0	28.7

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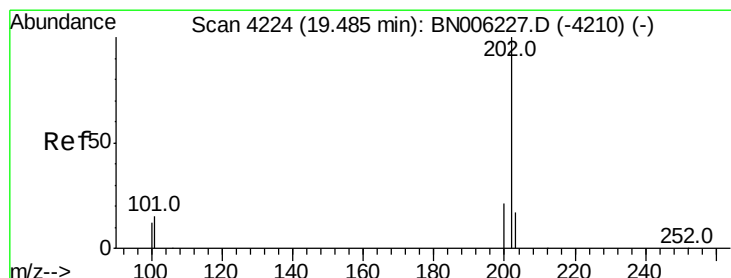
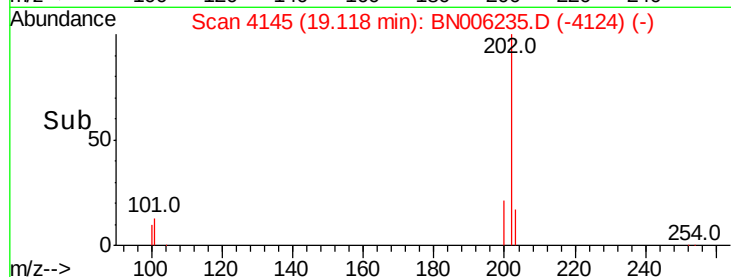
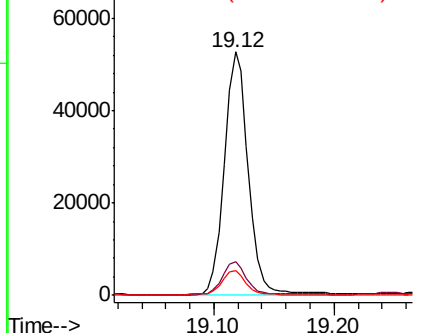
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#17

Pyrene

Concen: 0.800 ng/ul

RT: 19.49 min Scan# 4224

Delta R.T. -0.00 min

Lab File: BN006235.D

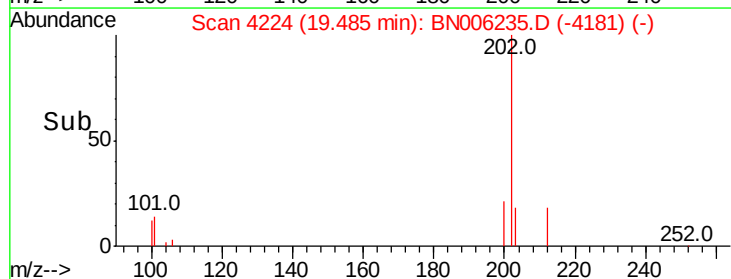
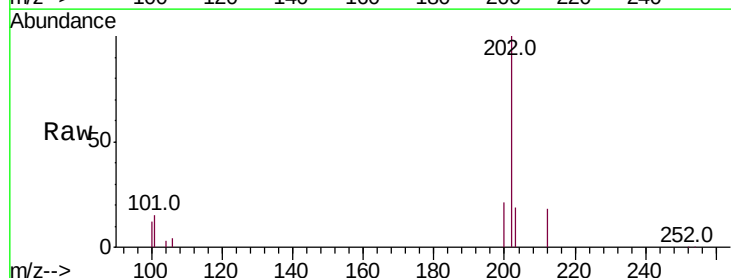
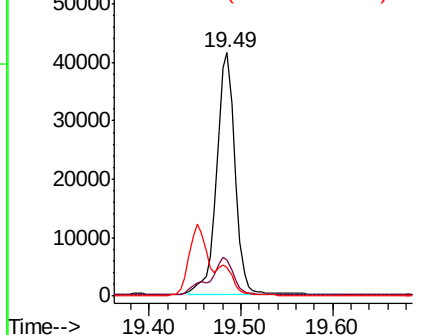
Acq: 10 Jun 2019 22:19

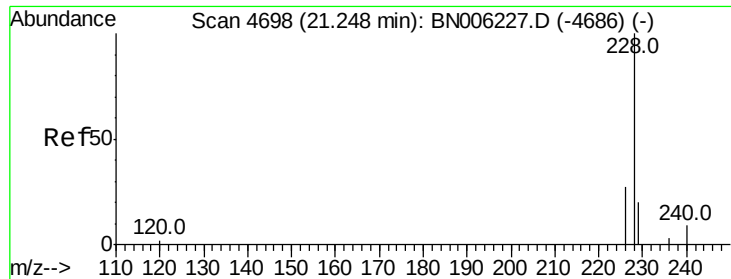
Tgt Ion:	202	Resp:	57399
Ion Ratio	Lower	Upper	
202	100		
101	14.9	12.2	18.2
100	11.8	9.8	14.6

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





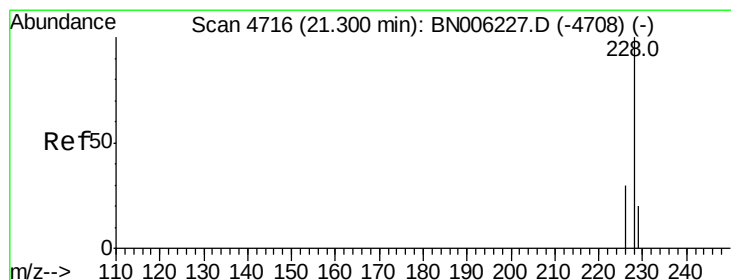
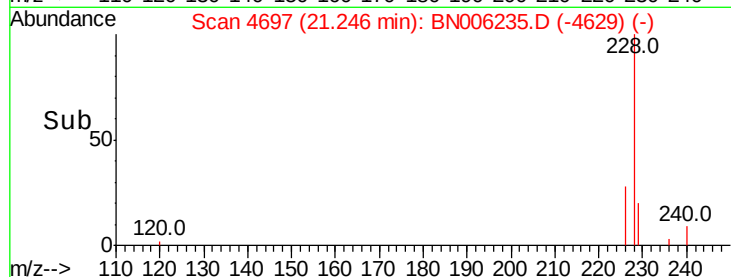
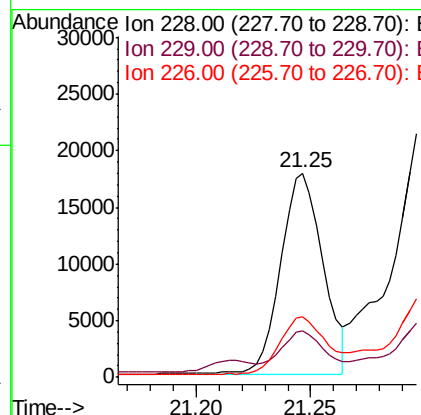
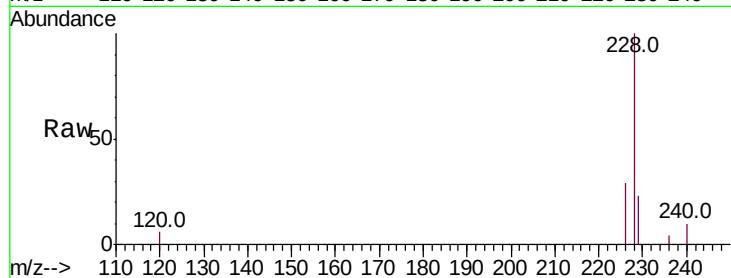
#18
Benzo(a)anthracene
Concen: 0.379 ng/ul m
RT: 21.25 min Scan# 4697
Delta R.T. -0.00 min
Lab File: BN006235.D
Acq: 10 Jun 2019 22:19

Instrument :
BNA_N
ClientSampled :
A51F5

Tot Ion	Ratio	Lower	Upper
228	100		
229	22.8	16.5	24.7
226	29.4	22.8	34.2

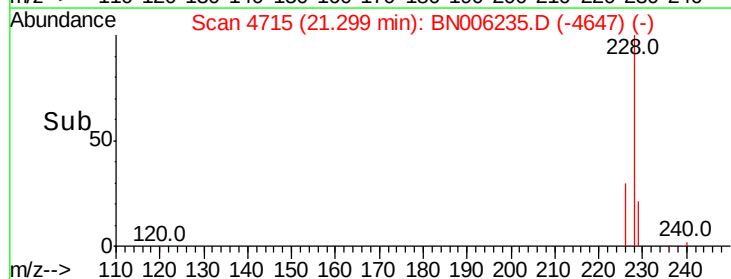
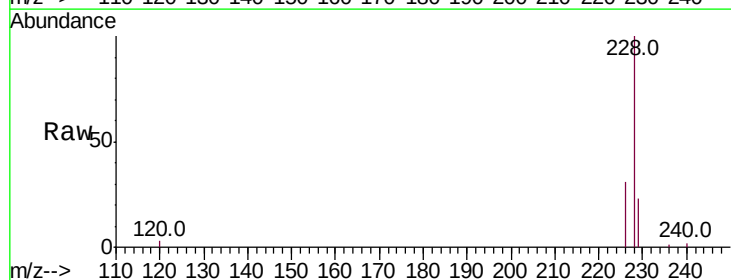
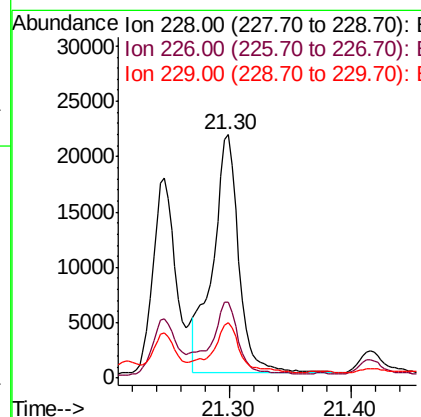
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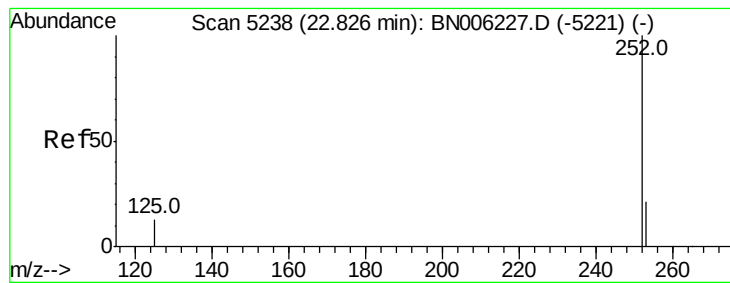
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#19
Chrysene
Concen: 0.563 ng/ul
RT: 21.30 min Scan# 4715
Delta R.T. -0.00 min
Lab File: BN006235.D
Acq: 10 Jun 2019 22:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.0	37.6
229	22.6	16.3	24.5





#21

Benzo(b)fluoranthene

Concen: 0.613 ng/ul m

RT: 22.82 min Scan# 5237

Delta R.T. 0.00 min

Lab File: BN006235.D

Acq: 10 Jun 2019 22:19

Instrument :

BNA_N

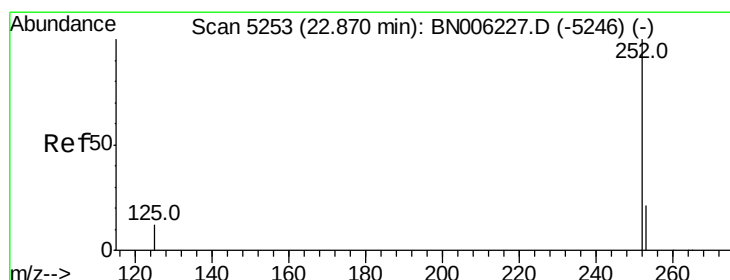
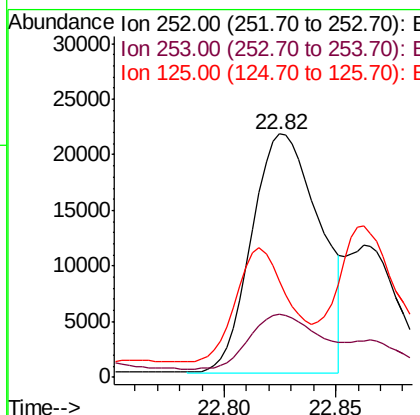
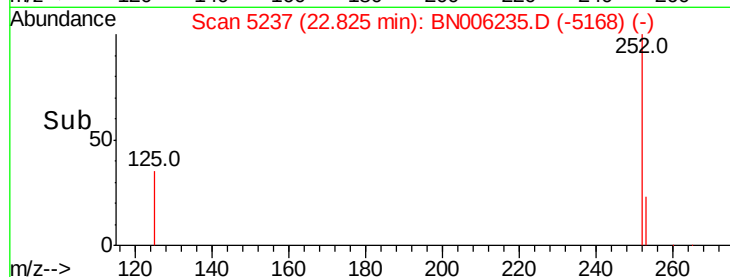
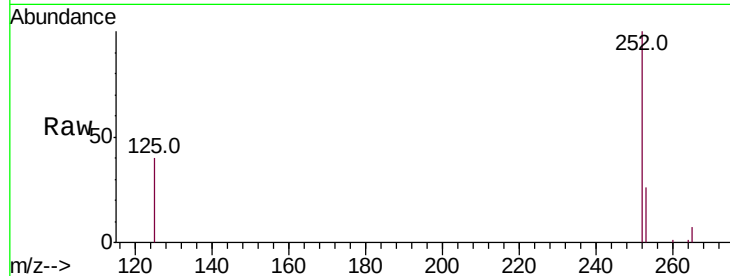
ClientSampled :

A51F5

Tot Ion:	252	Resp:	45387
Ion Ratio	Lower	Upper	
252	100		
253	25.7	0.0	51.4
125	39.8	0.0	41.0

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#22

Benzo(k)fluoranthene

Concen: 0.237 ng/ul m

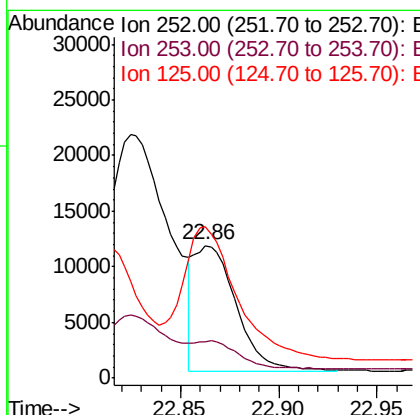
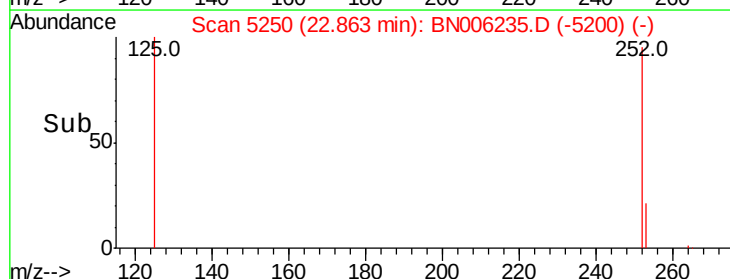
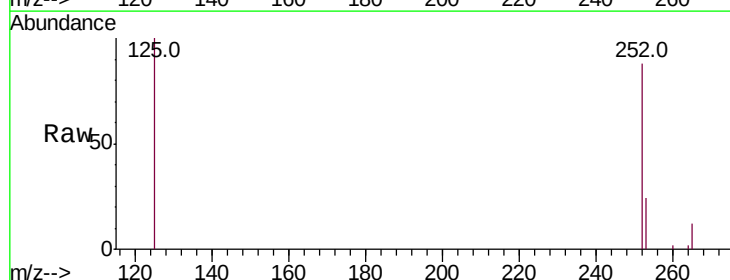
RT: 22.86 min Scan# 5250

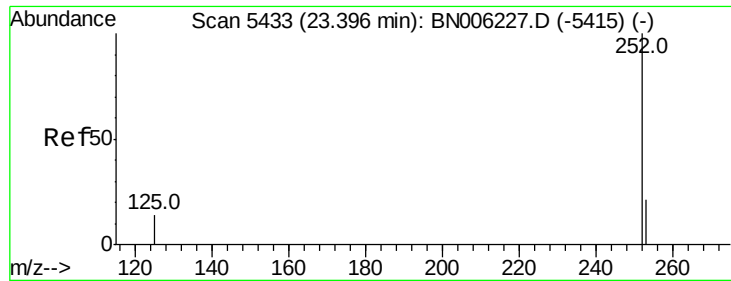
Delta R.T. -0.00 min

Lab File: BN006235.D

Acq: 10 Jun 2019 22:19

Tgt Ion:	252	Resp:	17069
Ion Ratio	Lower	Upper	
252	100		
253	27.8	20.3	30.5
125	113.8	14.3	21.5#





#23

Benzo(a)pyrene

Concen: 0.394 ng/ul

RT: 23.39 min Scan# 5431

Delta R.T. -0.00 min

Lab File: BN006235.D

Acq: 10 Jun 2019 22:19

Instrument :

BNA_N

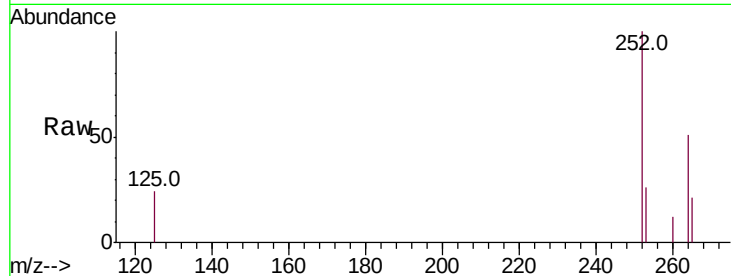
ClientSampleId :

A51F5

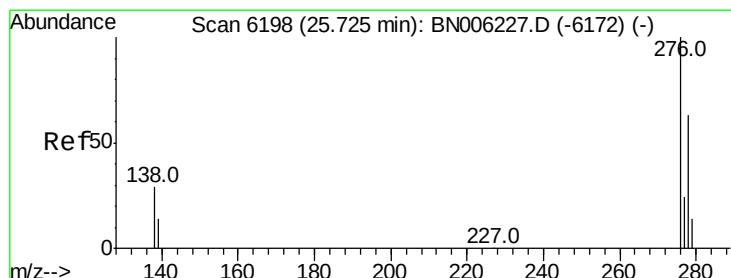
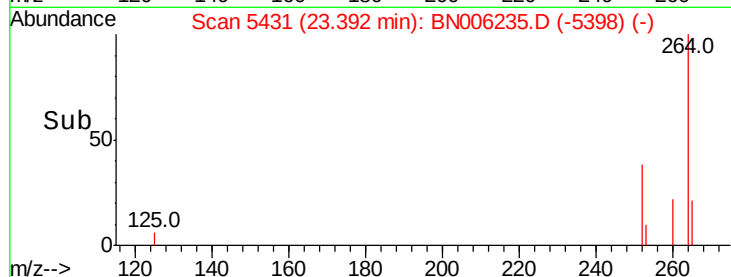
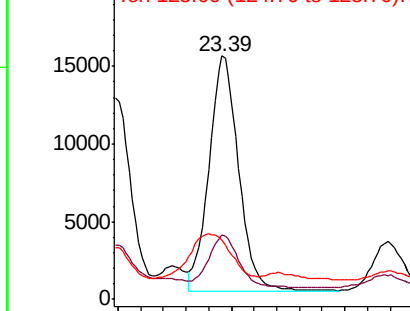
Tot Ion:	252	Resp:	27187
Ion Ratio	Lower	Upper	
252	100		
253	26.5	21.1	31.7
125	24.1	20.3	30.5

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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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.309 ng/ul

RT: 25.72 min Scan# 6197

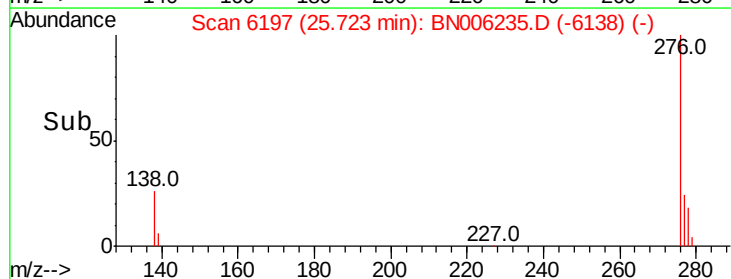
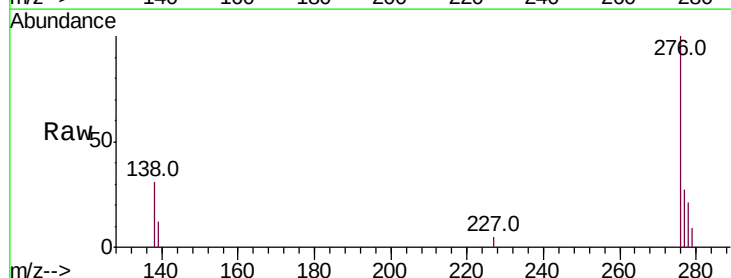
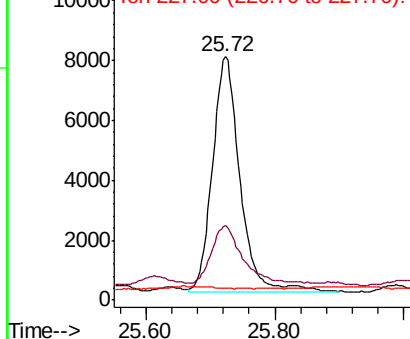
Delta R.T. -0.00 min

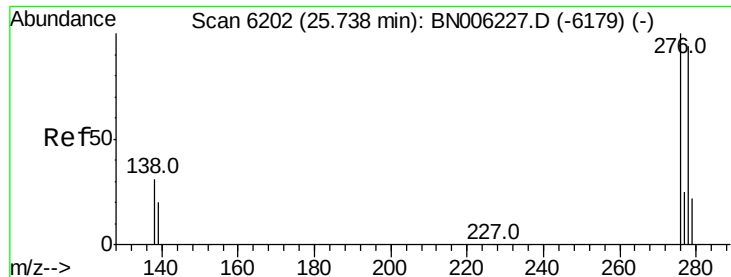
Lab File: BN006235.D

Acq: 10 Jun 2019 22:19

Tgt Ion:	276	Resp:	23040
Ion Ratio	Lower	Upper	
276	100		
138	28.6	25.6	38.4
227	0.0	0.3	0.5#

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

RT: 25.73 min Scan# 6199

Delta R.T. -0.01 min

Lab File: BN006235.D

Acq: 10 Jun 2019 22:19

Instrument :

BNA_N

ClientSampled :

A51F5

Tot Ion:278 Resp: 5248

Ion Ratio Lower Upper

278 100

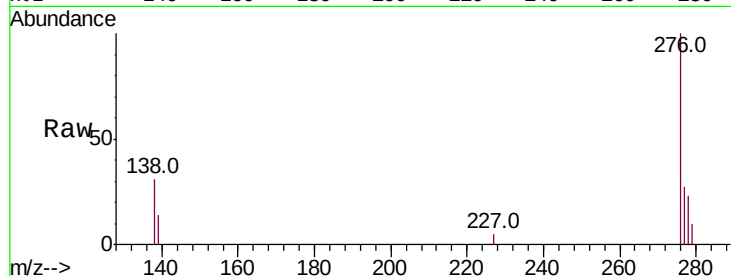
139 59.3 21.2 31.8#

279 42.0 22.6 33.8#

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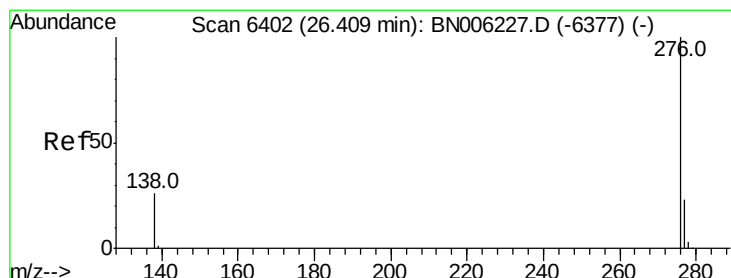
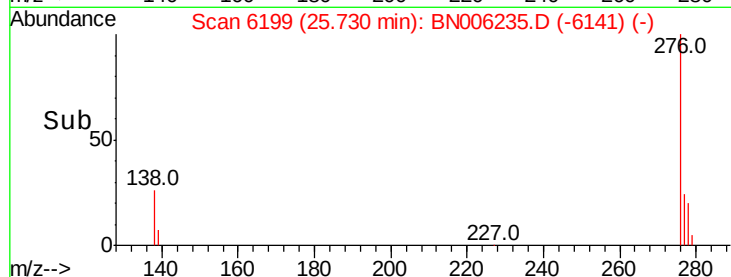
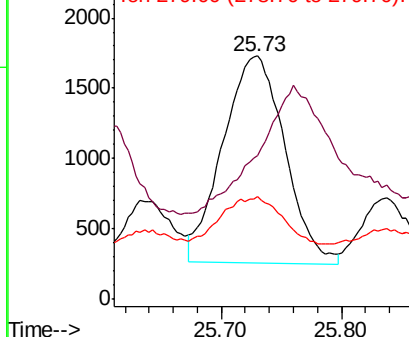
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Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.333 ng/ul

RT: 26.41 min Scan# 6401

Delta R.T. 0.00 min

Lab File: BN006235.D

Acq: 10 Jun 2019 22:19

Tgt Ion:276 Resp: 20828

Ion Ratio Lower Upper

276 100

138 31.9 24.2 36.4

277 27.0 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

