

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061119\
 Data File : BN006243.D
 Acq On : 11 Jun 2019 10:18
 Operator : JU/SJ
 Sample : K3017-21DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A51F2DL

Manual Integrations
 APPROVED

mohammad
 6/11/2019 4:39:03 PM

Quant Time: Jun 11 12:16:56 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	4919	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	18725	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	8780	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	16397	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	12473	0.40	ng/ul	0.00
20) Perylene-d12	23.51	264	16127	0.40	ng/ul	0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	1009	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	1756	0.04	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.47	128	1046	0.020	ng/ul#	75
7) Acenaphthylene	14.01	152	4186	0.086	ng/ul#	95
12) Phenanthrene	17.09	178	48841	0.928	ng/ul	99
13) Anthracene	17.19	178	5159	0.103	ng/ul#	94
15) Fluoranthene	19.12	202	122298	2.104	ng/ul	98
17) Pyrene	19.49	202	87294	1.329	ng/ul	99
18) Benzo(a)anthracene	21.26	228	11722	0.212	ng/ul	95
19) Chrysene	21.30	228	47330	0.914	ng/ul	99
21) Benzo(b)fluoranthene	22.84	252	52416m	0.779	ng/ul	
22) Benzo(k)fluoranthene	22.88	252	17591m	0.269	ng/ul	
23) Benzo(a)pyrene	23.41	252	16528	0.264	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	25.74	276	16837	0.248	ng/ul#	89
25) Dibenzo(a,h)anthracene	25.74	278	3133	0.058	ng/ul#	77
26) Benzo(g,h,i)perylene	26.42	276	15148	0.267	ng/ul	97

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

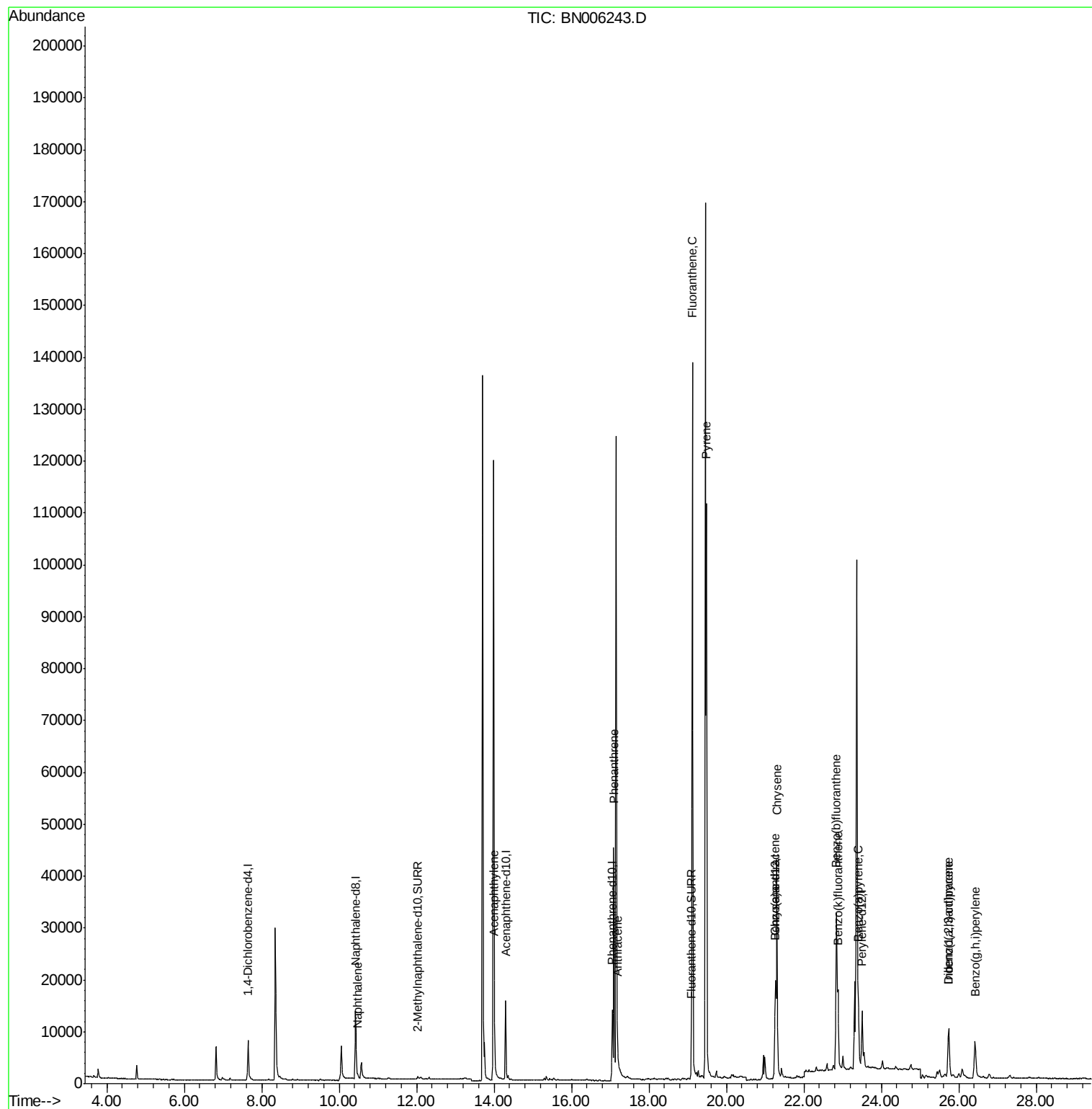
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061119\
Data File : BN006243.D
Acq On : 11 Jun 2019 10:18
Operator : JU/SJ
Sample : K3017-21DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

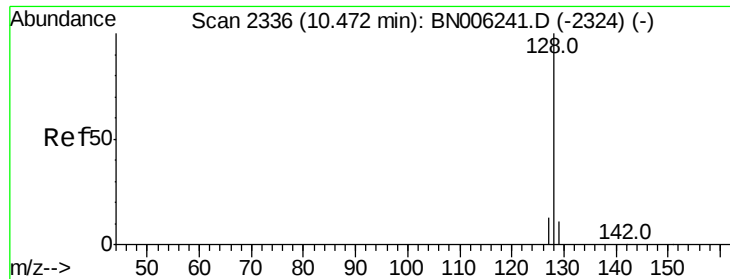
Instrument :
BNA_N
ClientSampleId :
A51F2DL

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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
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#3

Naphthalene

Concen: 0.020 ng/ul

RT: 10.47 min Scan# 2336

Delta R.T. -0.00 min

Lab File: BN006243.D

Acq: 11 Jun 2019 10:18

Instrument :

BNA_N

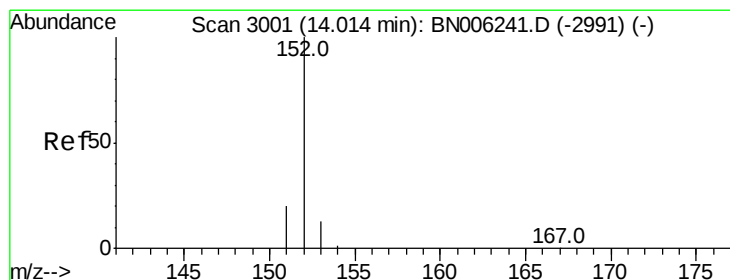
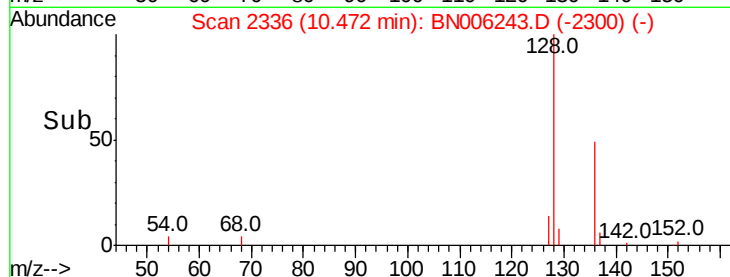
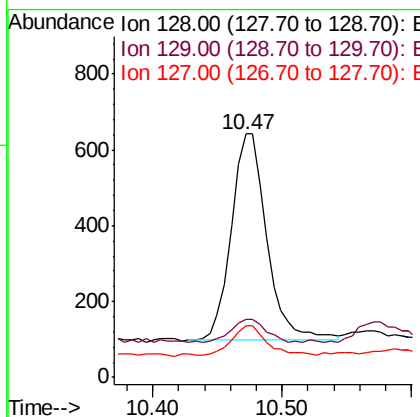
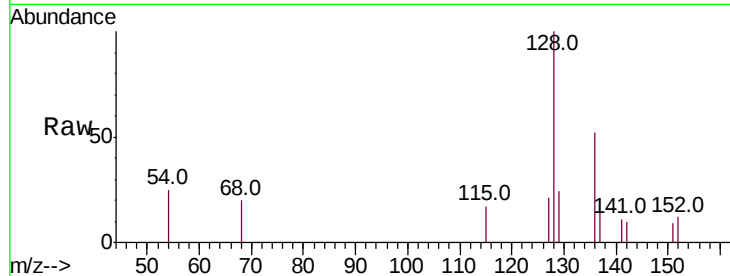
ClientSampleId :

A51F2DL

Tot Ion:	128	Resp:	1046
Ion Ratio	Lower	Upper	
128	100		
129	23.7	9.3	13.9#
127	21.0	10.7	16.1#

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#7

Acenaphthylene

Concen: 0.086 ng/ul

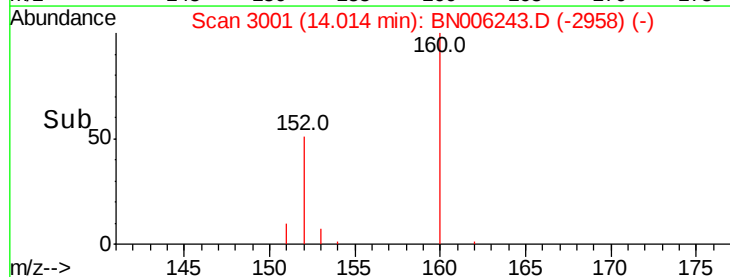
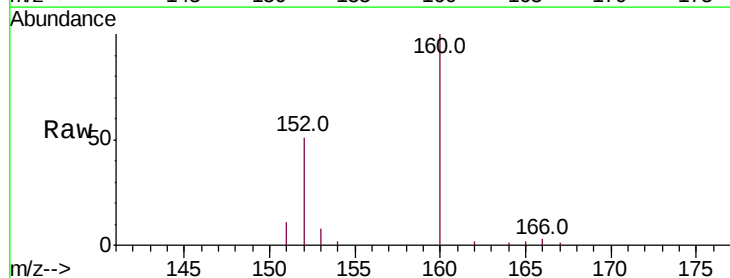
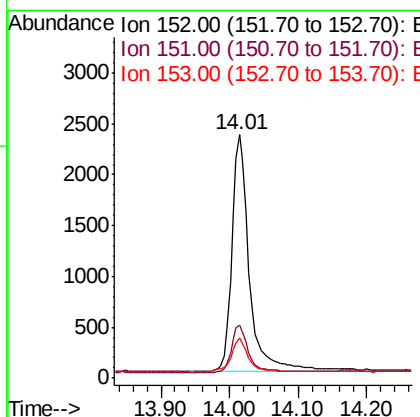
RT: 14.01 min Scan# 3001

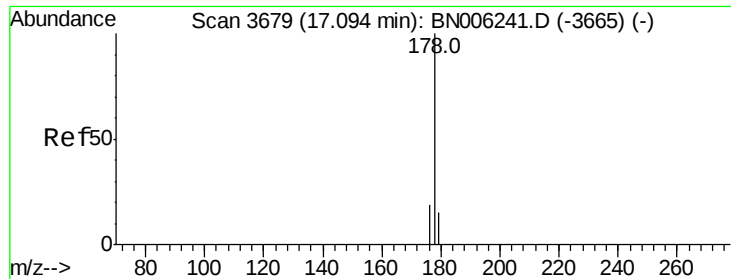
Delta R.T. -0.00 min

Lab File: BN006243.D

Acq: 11 Jun 2019 10:18

Tgt Ion:	152	Resp:	4186
Ion Ratio	Lower	Upper	
152	100		
151	21.6	15.8	23.8
153	16.3	10.8	16.2#





#12

Phenanthrene

Concen: 0.928 ng/ul

RT: 17.09 min Scan# 3678

Delta R.T. -0.00 min

Lab File: BN006243.D

Acq: 11 Jun 2019 10:18

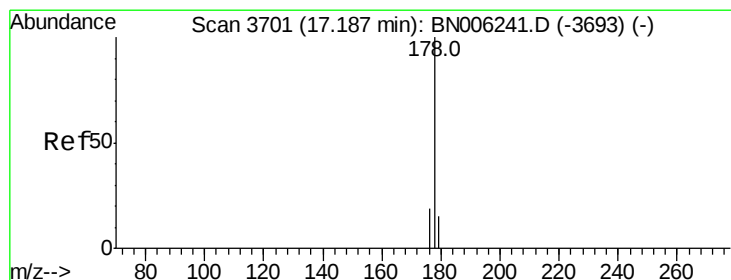
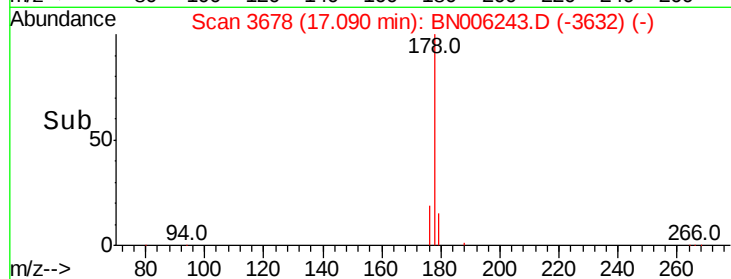
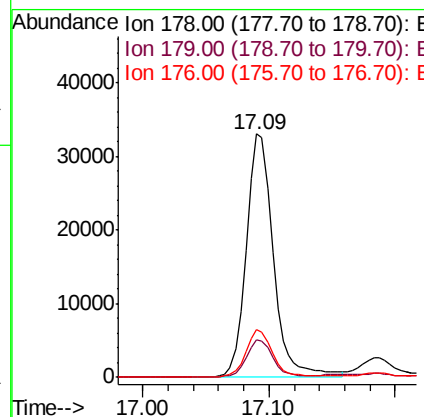
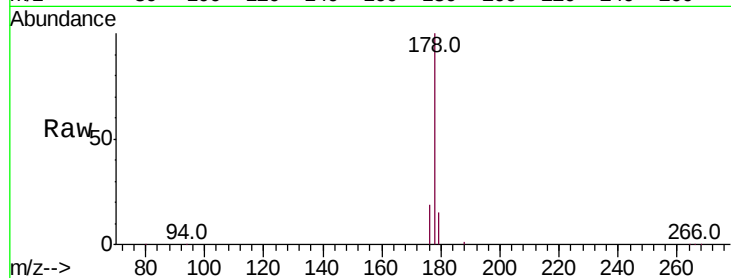
Instrument :
BNA_N
ClientSampleId :
A51F2DL

Tot Ion:178 Resp: 48841

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.3	18.5
176	19.5	15.3	22.9

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#13

Anthracene

Concen: 0.103 ng/ul

RT: 17.19 min Scan# 3701

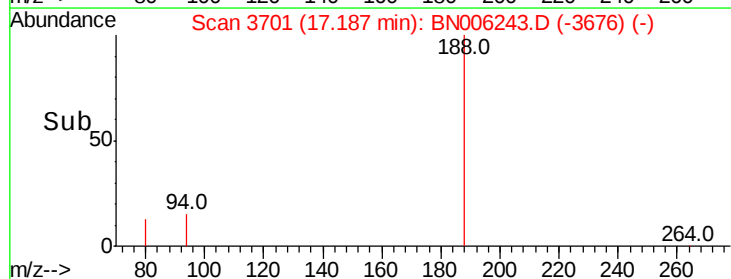
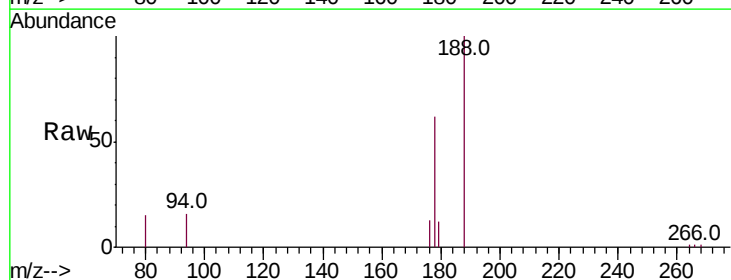
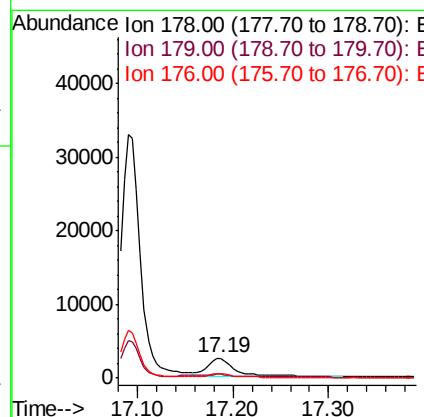
Delta R.T. 0.00 min

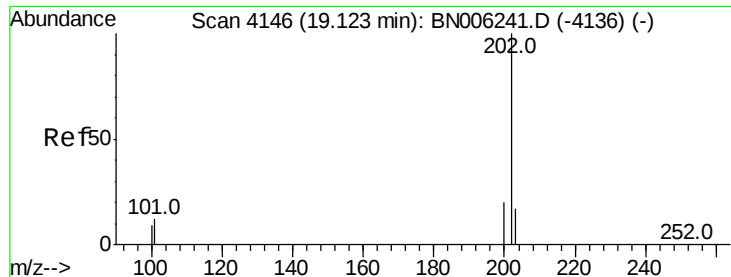
Lab File: BN006243.D

Acq: 11 Jun 2019 10:18

Tgt Ion:178 Resp: 5159

Ion	Ratio	Lower	Upper
178	100		
179	18.9	12.2	18.4#
176	20.6	15.1	22.7





#15

Fluoranthene

Concen: 2.104 ng/ul

RT: 19.12 min Scan# 4146

Delta R.T. 0.00 min

Lab File: BN006243.D

Acq: 11 Jun 2019 10:18

Instrument :

BNA_N

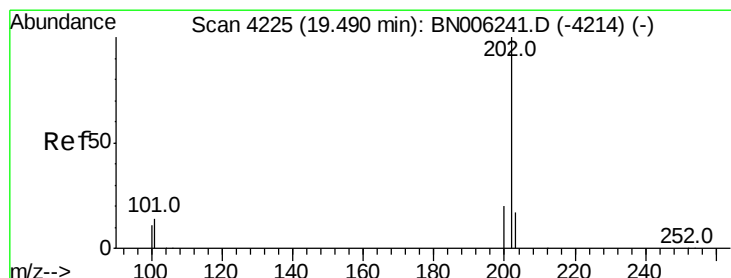
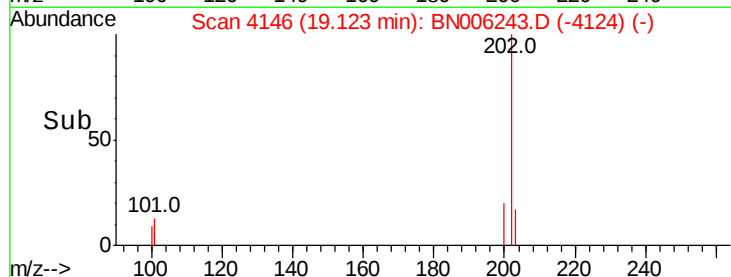
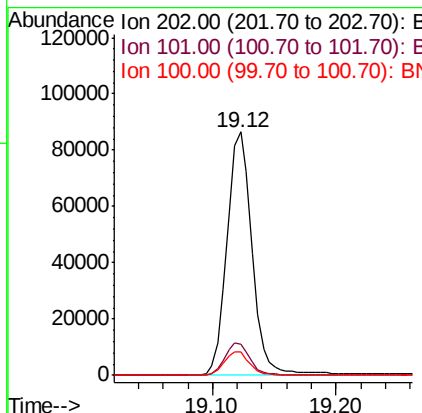
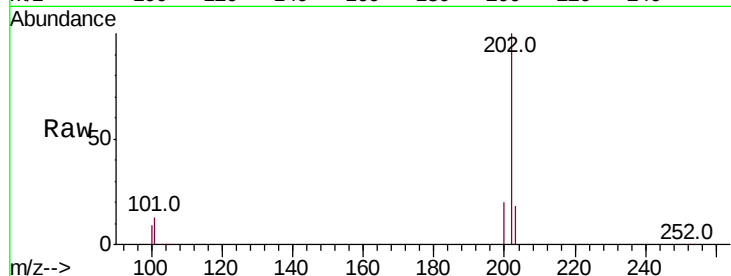
ClientSampleId :

A51F2DL

Tot Ion:	202	Resp:	122298
Ion Ratio	Lower	Upper	
202	100		
101	12.8	0.0	32.1
100	9.4	0.0	28.7

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#17

Pyrene

Concen: 1.329 ng/ul

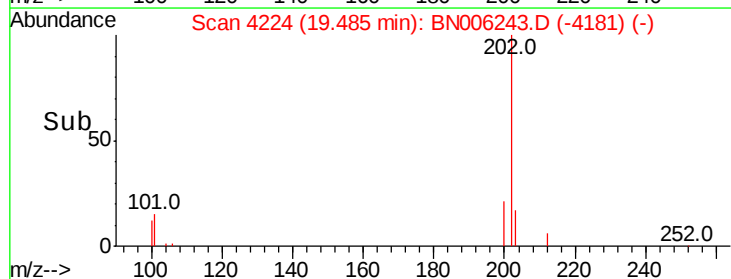
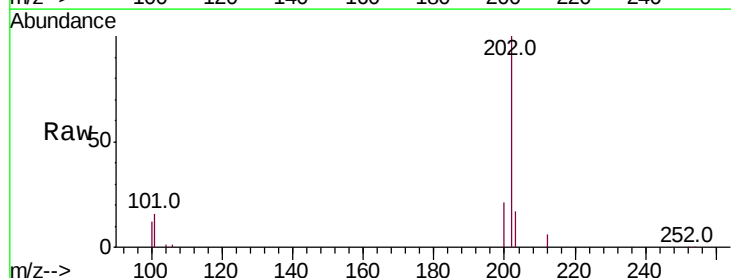
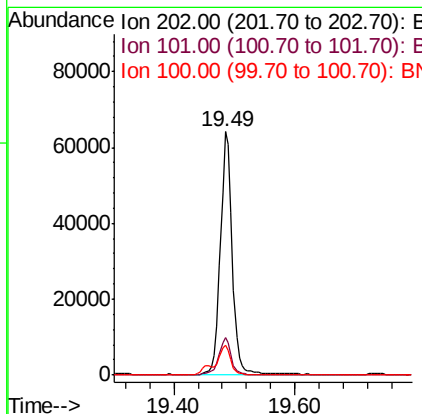
RT: 19.49 min Scan# 4224

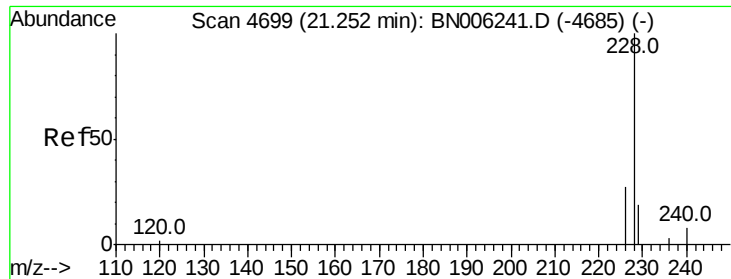
Delta R.T. -0.00 min

Lab File: BN006243.D

Acq: 11 Jun 2019 10:18

Tgt Ion:	202	Resp:	87294
Ion Ratio	Lower	Upper	
202	100		
101	15.5	12.2	18.2
100	12.3	9.8	14.6





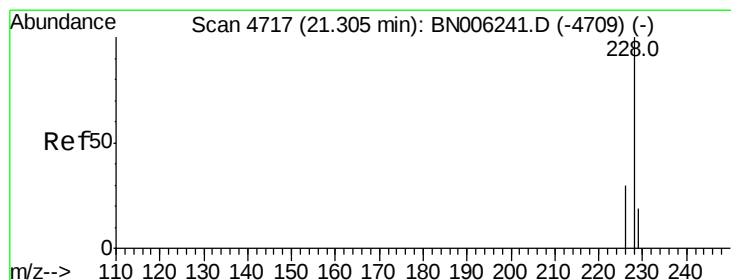
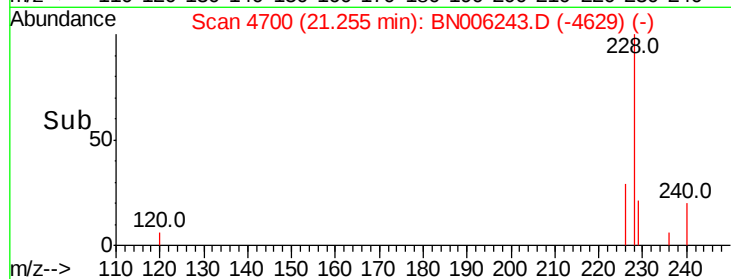
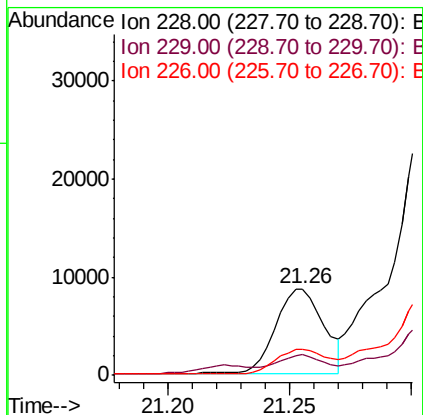
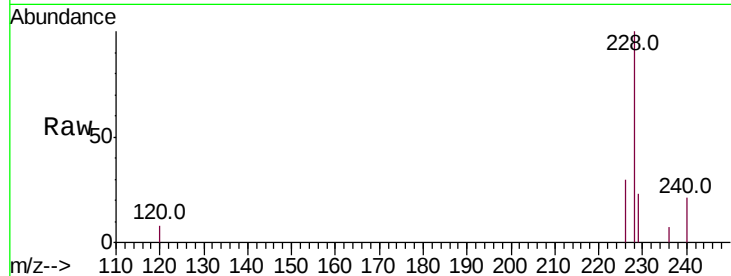
#18
Benzo(a)anthracene
Concen: 0.212 ng/ul
RT: 21.26 min Scan# 4700
Delta R.T. 0.01 min
Lab File: BN006243.D
Acq: 11 Jun 2019 10:18

Instrument :
BNA_N
ClientSampleId :
A51F2DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	23.4	16.5	24.7
226	30.4	22.8	34.2

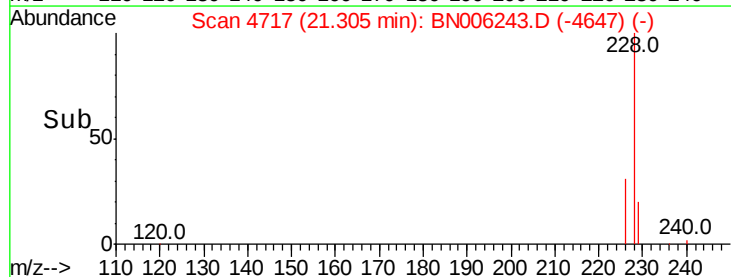
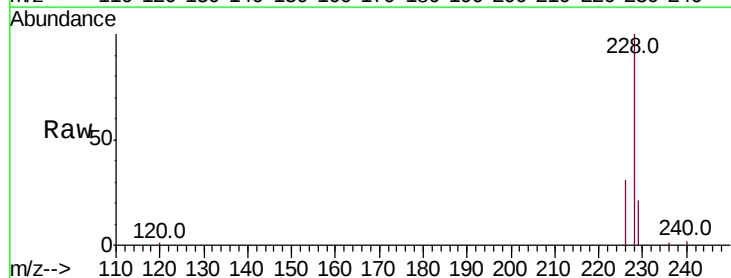
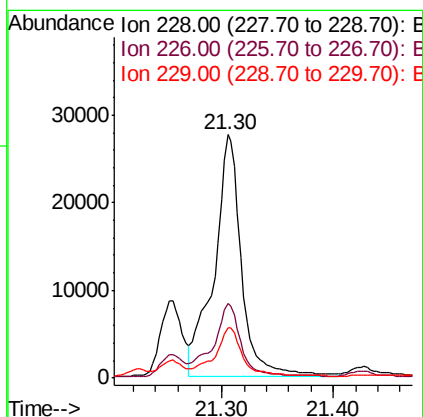
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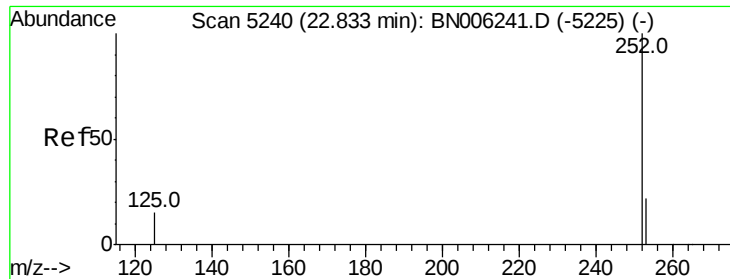
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#19
Chrysene
Concen: 0.914 ng/ul
RT: 21.30 min Scan# 4717
Delta R.T. 0.00 min
Lab File: BN006243.D
Acq: 11 Jun 2019 10:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.6
229	20.6	16.3	24.5





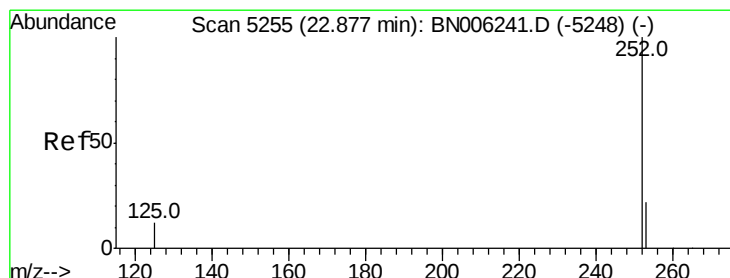
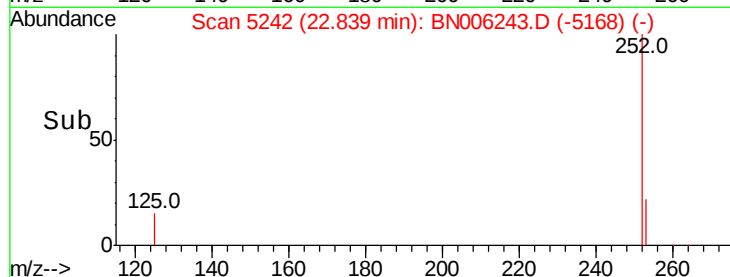
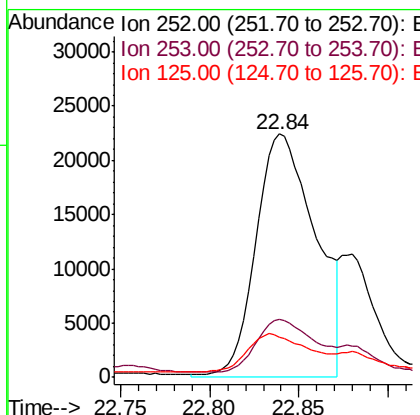
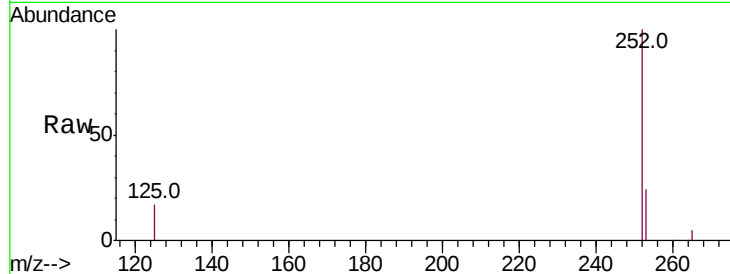
#21
Benzo(b)fluoranthene
Concen: 0.779 ng/ul m
RT: 22.84 min Scan# 5242
Delta R.T. 0.02 min
Lab File: BN006243.D
Acq: 11 Jun 2019 10:18

Instrument :
BNA_N
ClientSampleId :
A51F2DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	0.0	51.4
125	16.7	0.0	41.0

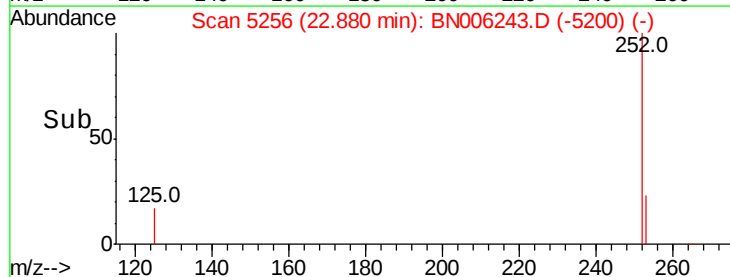
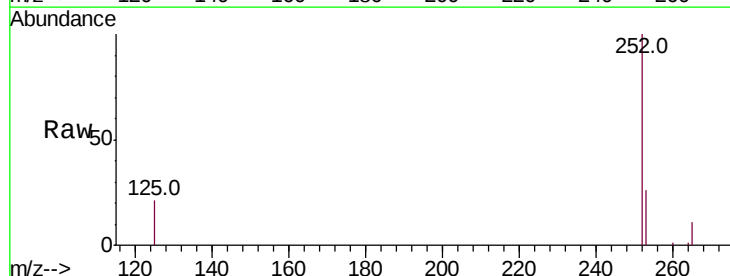
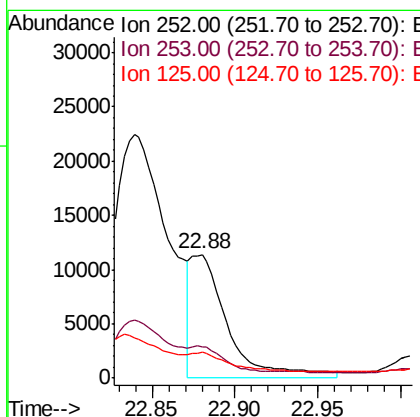
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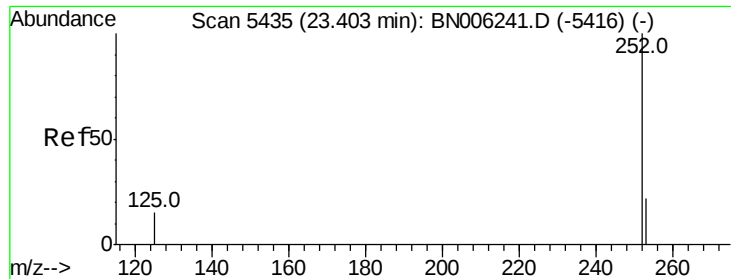
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#22
Benzo(k)fluoranthene
Concen: 0.269 ng/ul m
RT: 22.88 min Scan# 5256
Delta R.T. 0.01 min
Lab File: BN006243.D
Acq: 11 Jun 2019 10:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.7	20.3	30.5
125	20.7	14.3	21.5





#23

Benzo(a)pyrene

Concen: 0.264 ng/ul

RT: 23.41 min Scan# 5436

Delta R.T. 0.01 min

Lab File: BN006243.D

Acq: 11 Jun 2019 10:18

Instrument :

BNA_N

ClientSampleId :

A51F2DL

Tot Ion:252 Resp: 16528

Ion Ratio Lower Upper

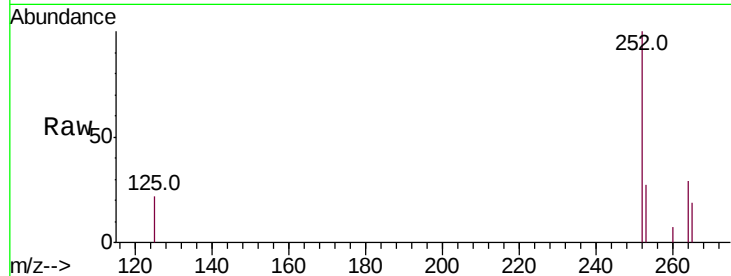
252 100

253 26.7 21.1 31.7

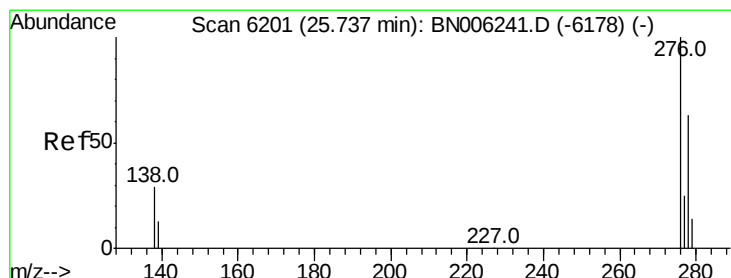
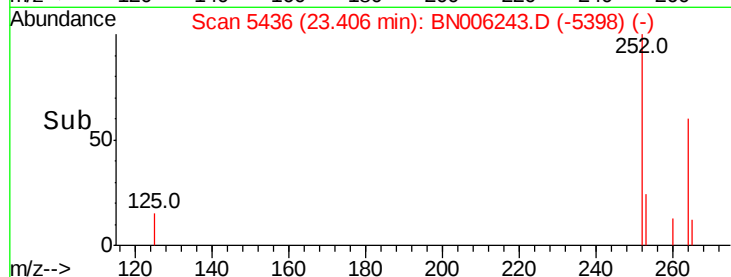
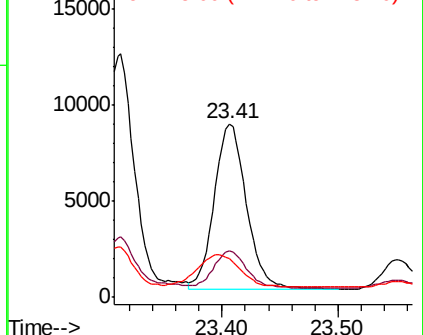
125 22.0 20.3 30.5

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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: 0.248 ng/ul

RT: 25.74 min Scan# 6201

Delta R.T. 0.01 min

Lab File: BN006243.D

Acq: 11 Jun 2019 10:18

Tgt Ion:276 Resp: 16837

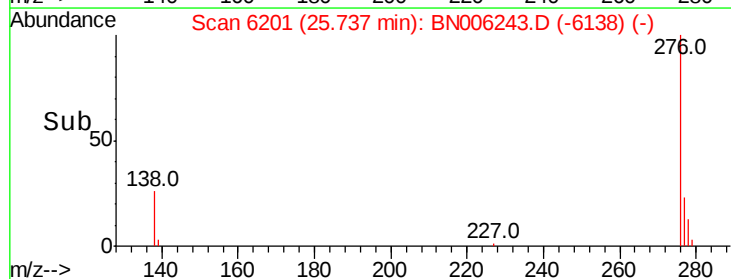
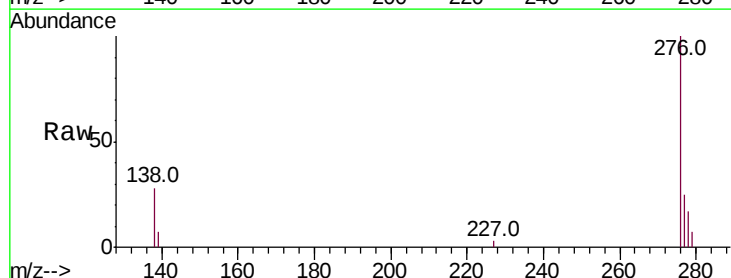
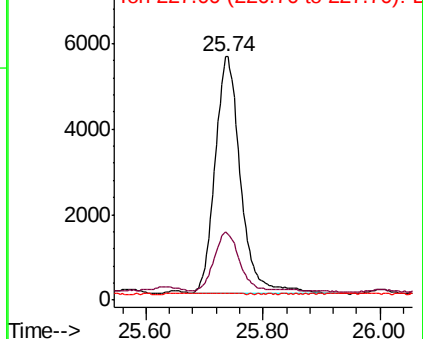
Ion Ratio Lower Upper

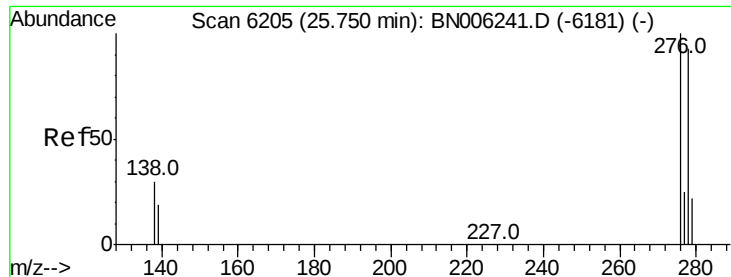
276 100

138 25.9 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: 0.058 ng/u1

RT: 25.74 min Scan# 6203

Delta R.T. 0.01 min

Lab File: BN006243.D

Acq: 11 Jun 2019 10:18

Instrument :

BNA_N

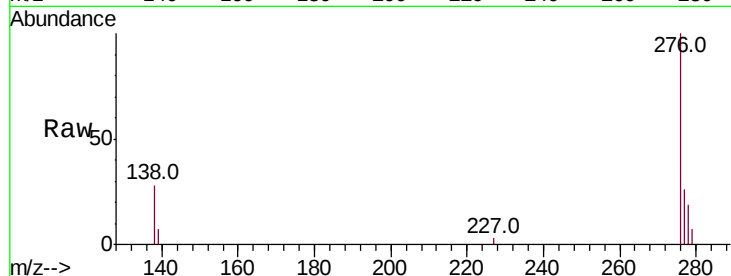
ClientSampleId :

A51F2DL

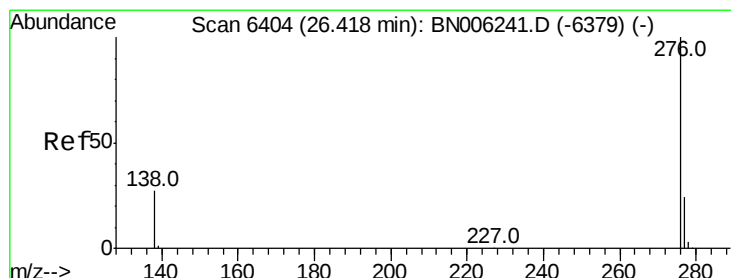
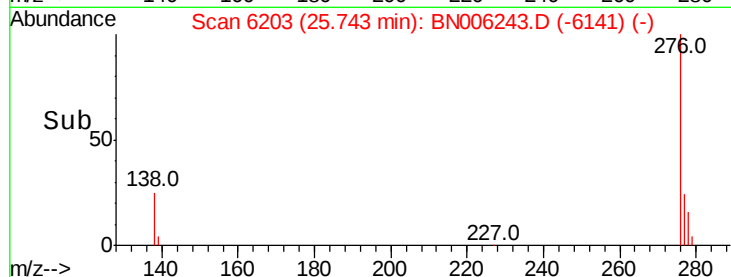
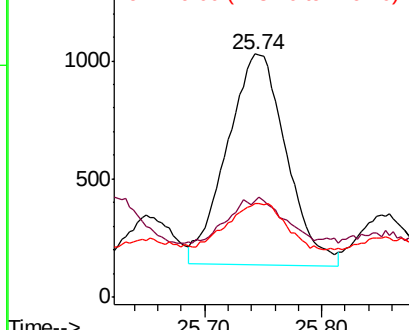
Tot Ion:	278	Resp:	3133
Ion Ratio	Lower	Upper	
278	100		
139	39.6	21.2	31.8#
279	38.7	22.6	33.8#

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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: 0.267 ng/u1

RT: 26.42 min Scan# 6406

Delta R.T. 0.02 min

Lab File: BN006243.D

Acq: 11 Jun 2019 10:18

Tgt Ion:	276	Resp:	15148
Ion Ratio	Lower	Upper	
276	100		
138	29.0	24.2	36.4
277	25.4	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

