

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061119\
 Data File : BN006242.D
 Acq On : 11 Jun 2019 09:44
 Operator : JU/SJ
 Sample : K3017-20DL 5X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A51F1DL

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Quant Time: Jun 11 12:13:19 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	7.64	152	4482	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	16978	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	7988	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	15689	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	12226	0.40	ng/ul	0.00
20) Perylene-d12	23.51	264	16080	0.40	ng/ul	0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	1026	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	2014	0.05	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	14.01	152	1517	0.034	ng/ul#	88
12) Phenanthrene	17.09	178	17362	0.345	ng/ul	99
13) Anthracene	17.18	178	2259	0.047	ng/ul#	91
15) Fluoranthene	19.12	202	52110	0.937	ng/ul	100
17) Pyrene	19.49	202	43633	0.678	ng/ul	100
18) Benzo(a)anthracene	21.25	228	16514	0.305	ng/ul	99
19) Chrysene	21.31	228	20938	0.412	ng/ul	99
21) Benzo(b)fluoranthene	22.84	252	32110m	0.479	ng/ul	
22) Benzo(k)fluoranthene	22.88	252	15803m	0.242	ng/ul	
23) Benzo(a)pyrene	23.41	252	19254	0.308	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	25.74	276	15197	0.225	ng/ul#	87
25) Dibenzo(a,h)anthracene	25.75	278	3430	0.063	ng/ul#	79
26) Benzo(g,h,i)perylene	26.43	276	13653	0.241	ng/ul	99

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

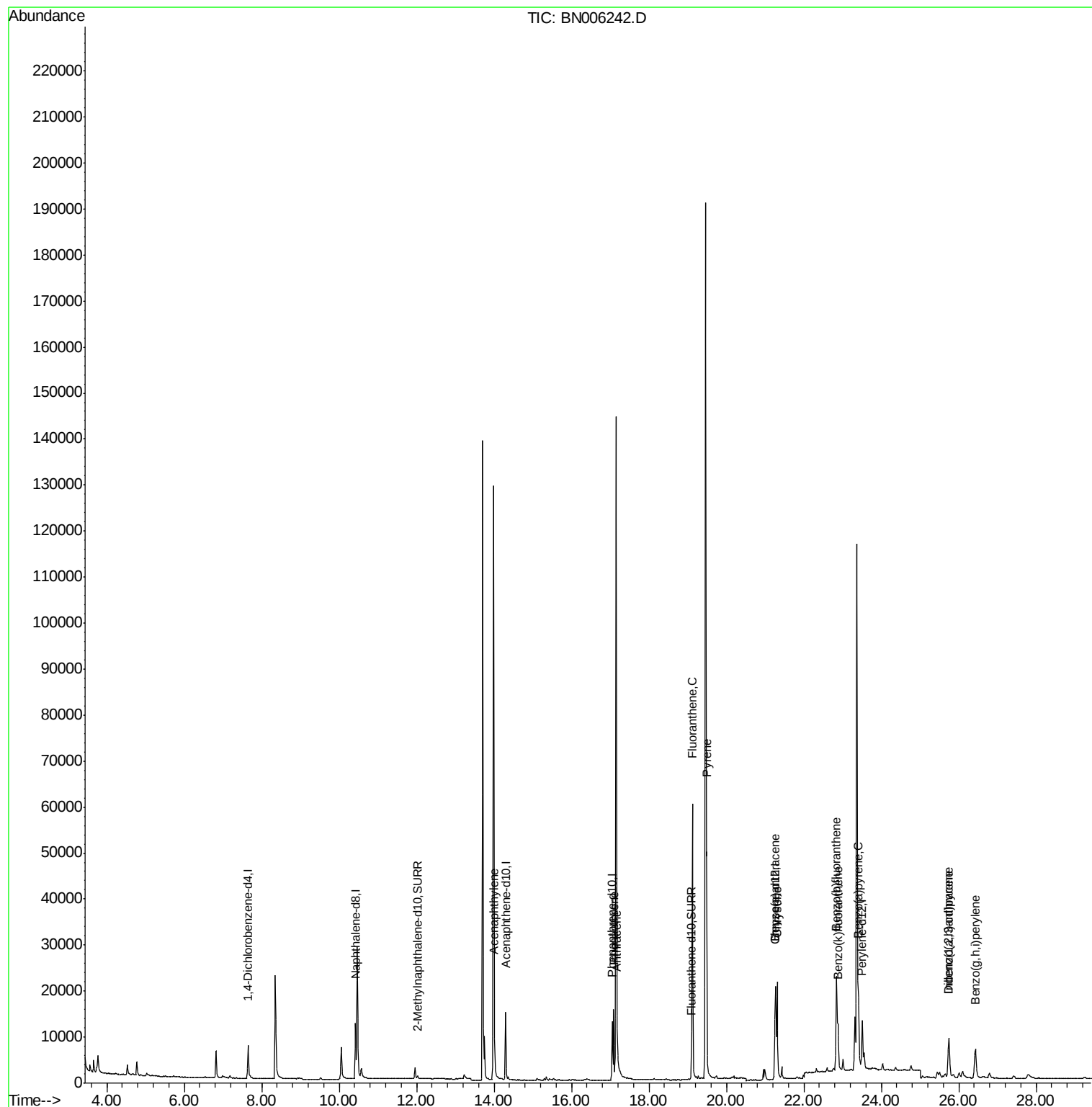
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061119\
Data File : BN006242.D
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Operator : JU/SJ
Sample : K3017-20DL 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

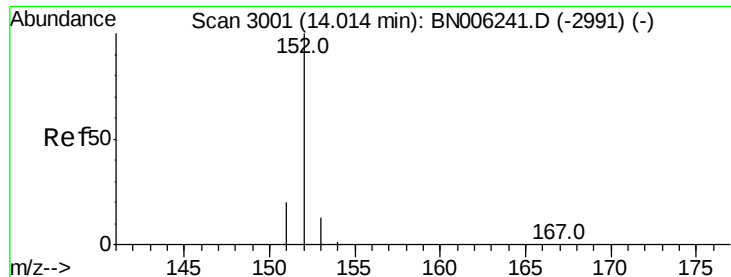
Instrument :
BNA_N
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A51F1DL

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Quant Time: Jun 11 12:13:19 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





#7

Acenaphthylene

Concen: 0.034 ng/ul

RT: 14.01 min Scan# 3001

Delta R.T. -0.00 min

Lab File: BN006242.D

Acq: 11 Jun 2019 09:44

Instrument :

BNA_N

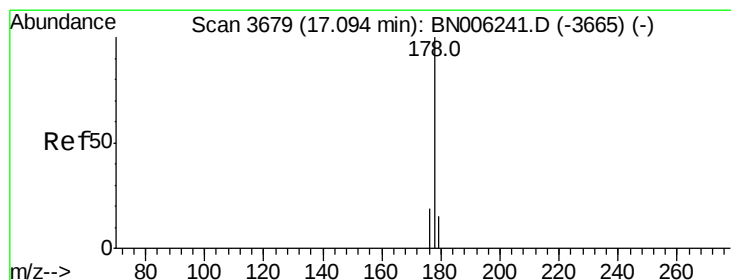
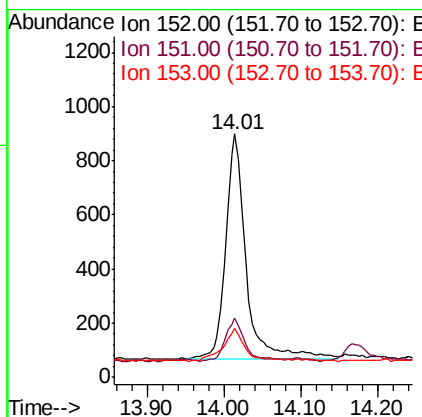
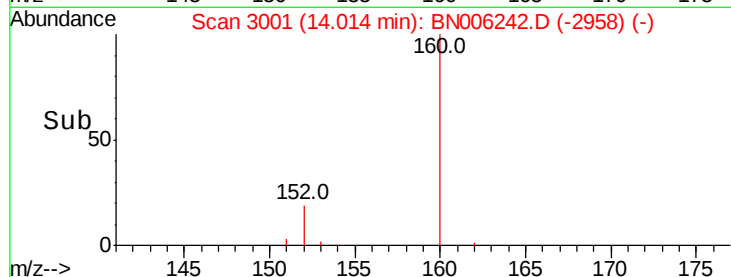
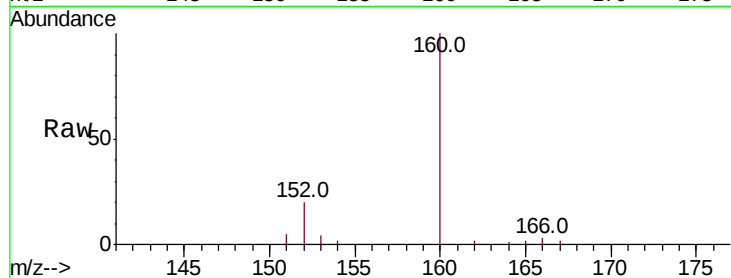
ClientSampleId :

A51F1DL

Tot Ion:	152	Resp:	1517
Ion Ratio	Lower	Upper	
152	100		
151	24.1	15.8	23.8#
153	19.9	10.8	16.2#

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#12

Phenanthrene

Concen: 0.345 ng/ul

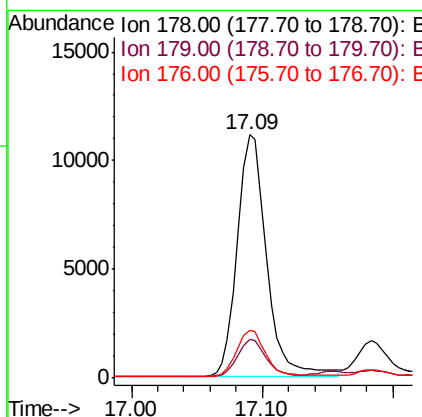
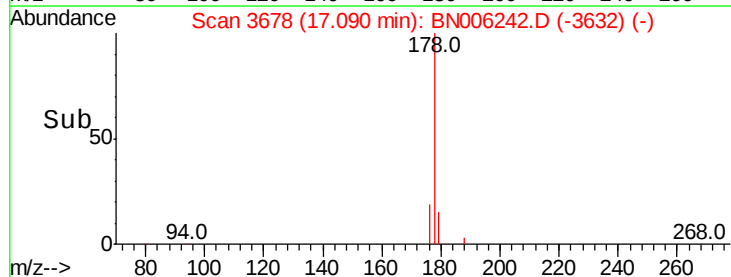
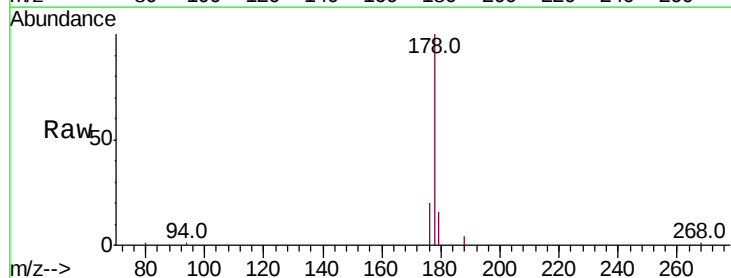
RT: 17.09 min Scan# 3678

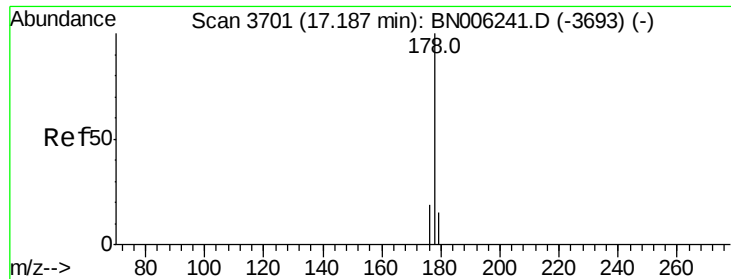
Delta R.T. -0.00 min

Lab File: BN006242.D

Acq: 11 Jun 2019 09:44

Tgt Ion:	178	Resp:	17362
Ion Ratio	Lower	Upper	
178	100		
179	15.8	12.3	18.5
176	19.7	15.3	22.9





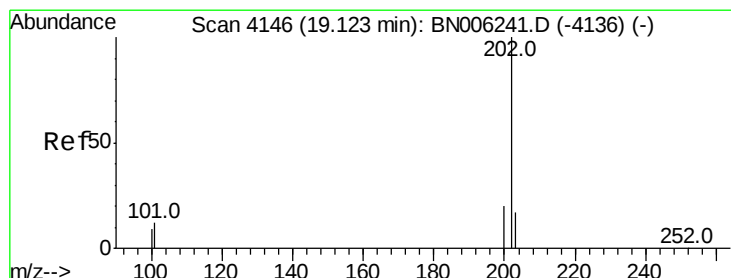
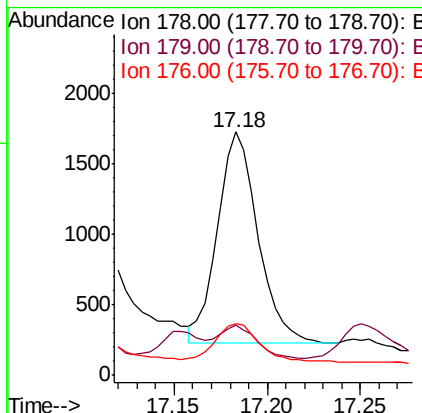
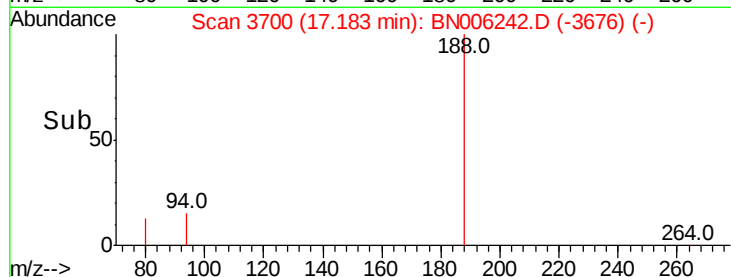
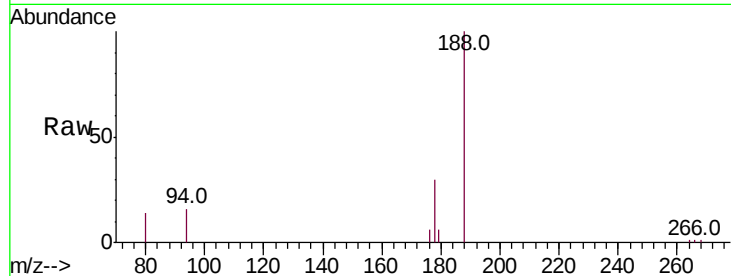
#13
 Anthracene
 Concen: 0.047 ng/ul
 RT: 17.18 min Scan# 3700
 Delta R.T. -0.00 min
 Lab File: BN006242.D
 Acq: 11 Jun 2019 09:44

Instrument :
 BNA_N
 ClientSampleId :
 A51F1DL

Tot Ion:178 Resp: 2259
 Ion Ratio Lower Upper
 178 100
 179 20.7 12.2 18.4#
 176 21.2 15.1 22.7

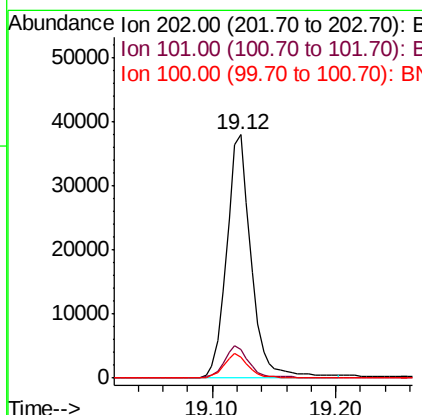
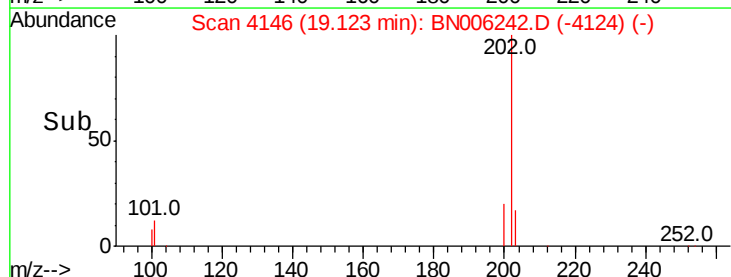
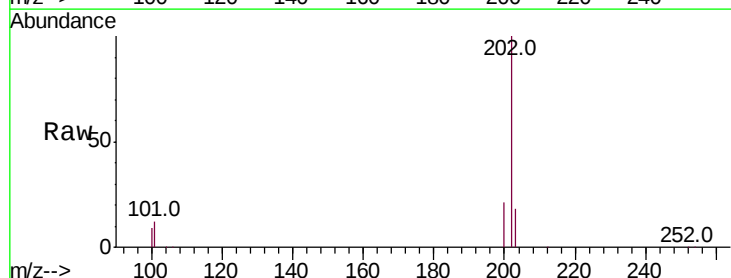
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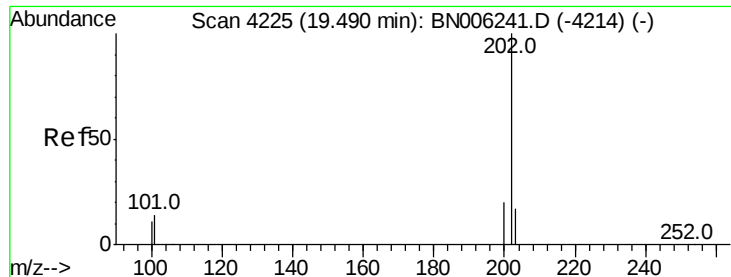
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#15
 Fluoranthene
 Concen: 0.937 ng/ul
 RT: 19.12 min Scan# 4146
 Delta R.T. 0.00 min
 Lab File: BN006242.D
 Acq: 11 Jun 2019 09:44

Tgt Ion:202 Resp: 52110
 Ion Ratio Lower Upper
 202 100
 101 12.0 0.0 32.1
 100 8.6 0.0 28.7





#17

Pvrene

Concen: 0.678 ng/ul

RT: 19.49 min Scan# 4224

Delta R.T. -0.00 min

Lab File: BN006242.D

Acq: 11 Jun 2019 09:44

Instrument :

BNA_N

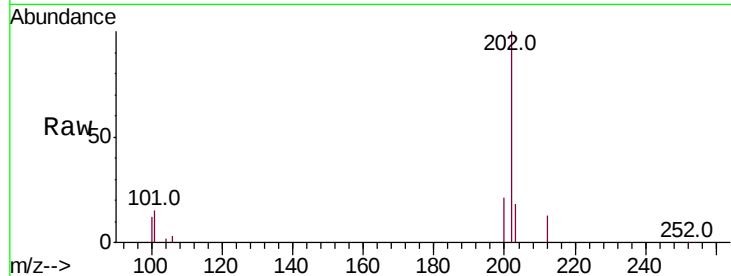
ClientSampleId :

A51F1DL

Tot Ion:	202	Resp:	43633
Ion Ratio	Lower	Upper	
202	100		
101	15.4	12.2	18.2
100	12.4	9.8	14.6

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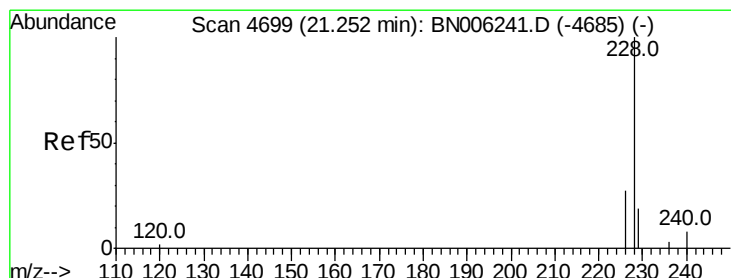
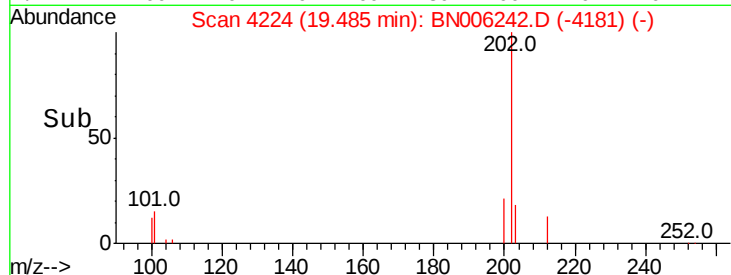
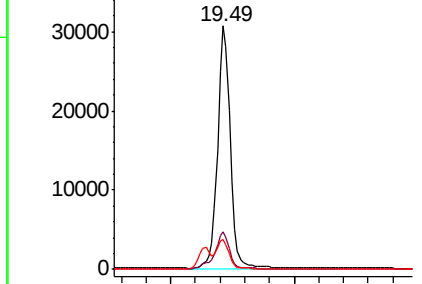
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#18

Benzo(a)anthracene

Concen: 0.305 ng/ul

RT: 21.25 min Scan# 4700

Delta R.T. 0.01 min

Lab File: BN006242.D

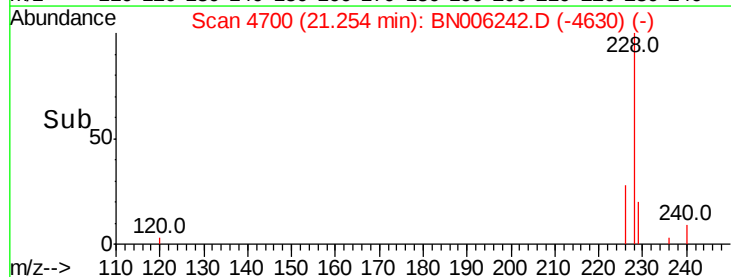
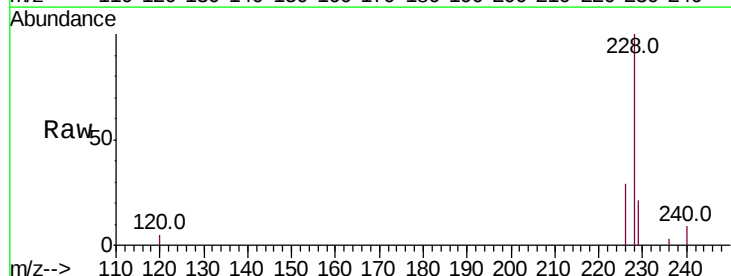
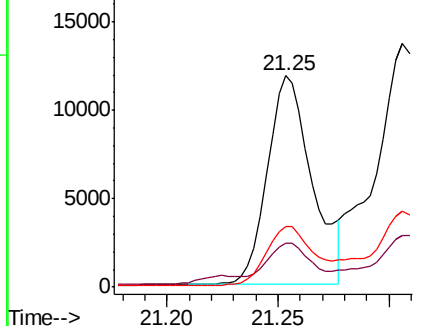
Acq: 11 Jun 2019 09:44

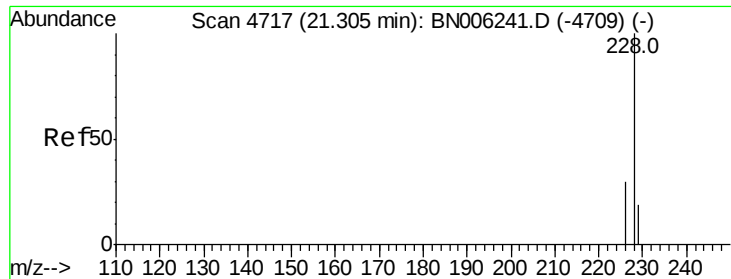
Tgt Ion:	228	Resp:	16514
Ion Ratio	Lower	Upper	
228	100		
229	21.0	16.5	24.7
226	29.0	22.8	34.2

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





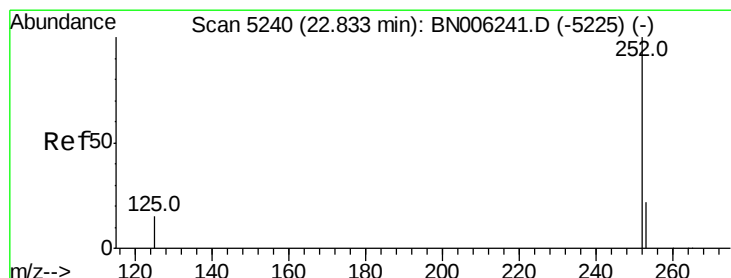
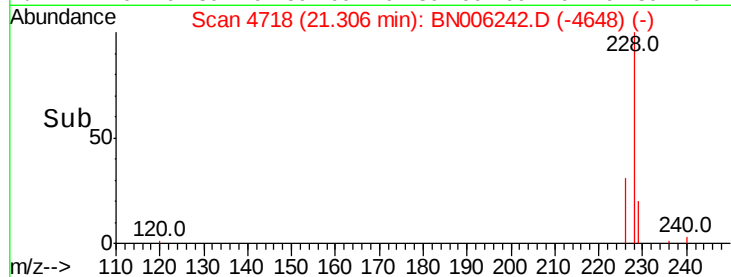
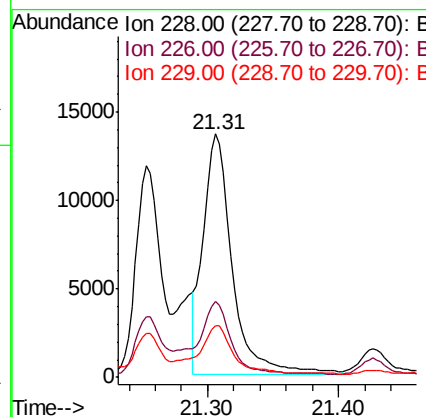
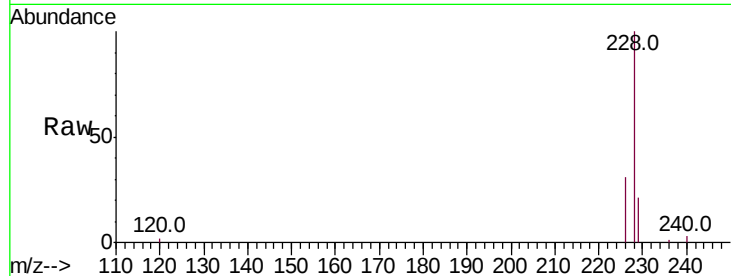
#19
Chrysene
Concen: 0.412 ng/ul
RT: 21.31 min Scan# 4718
Delta R.T. 0.01 min
Lab File: BN006242.D
Acq: 11 Jun 2019 09:44

Instrument :
BNA_N
ClientSampleId :
A51F1DL

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.0	37.6
229	21.1	16.3	24.5

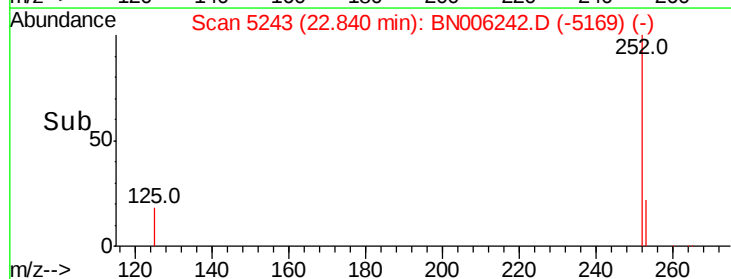
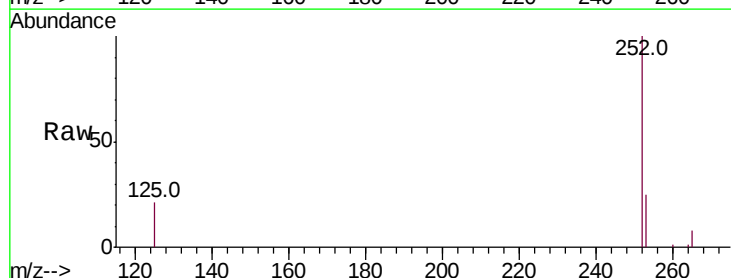
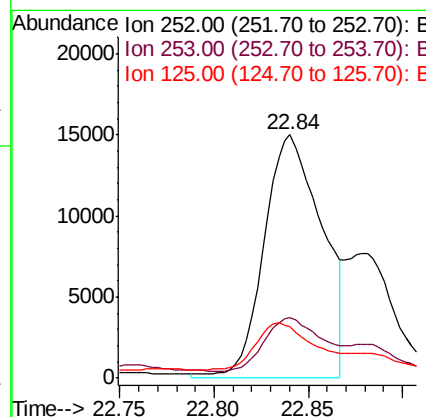
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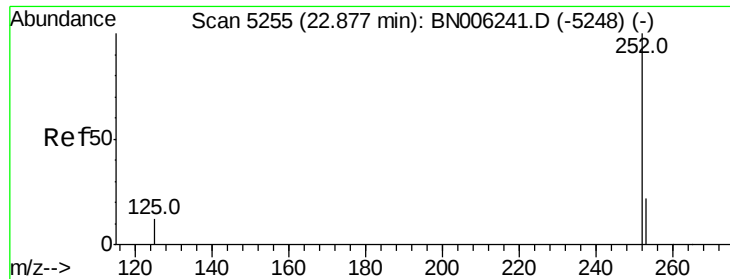
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#21
Benzo(b)fluoranthene
Concen: 0.479 ng/ul m
RT: 22.84 min Scan# 5243
Delta R.T. 0.02 min
Lab File: BN006242.D
Acq: 11 Jun 2019 09:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.9	0.0	51.4
125	21.2	0.0	41.0





#22

Benzo(k)fluoranthene

Concen: 0.242 ng/ul m

RT: 22.88 min Scan# 5256

Delta R.T. 0.01 min

Lab File: BN006242.D

Acq: 11 Jun 2019 09:44

Instrument :

BNA_N

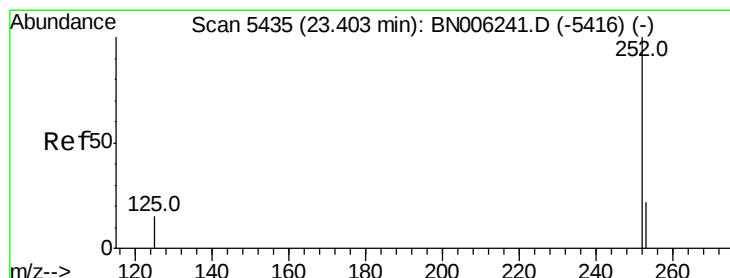
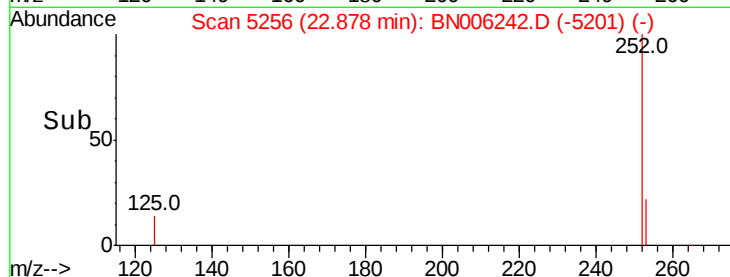
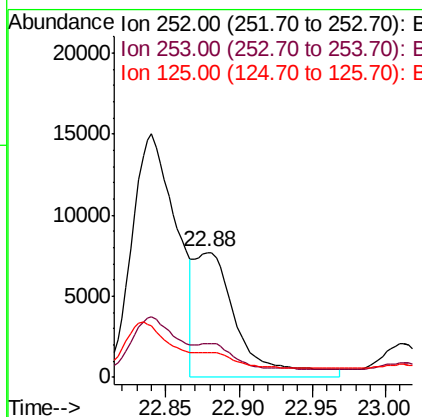
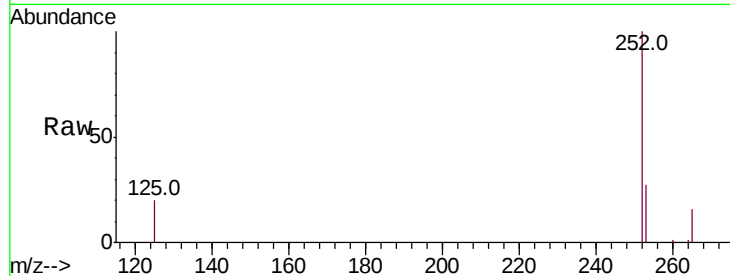
ClientSampleId :

A51F1DL

Tot Ion:252	Resp:	15803
Ion Ratio	Lower	Upper
252	100	
253	26.9	20.3 30.5
125	20.0	14.3 21.5

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#23

Benzo(a)pyrene

Concen: 0.308 ng/ul

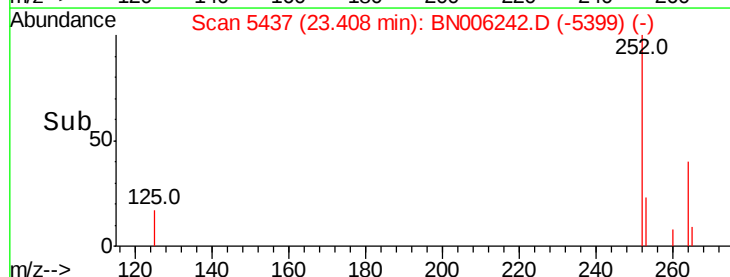
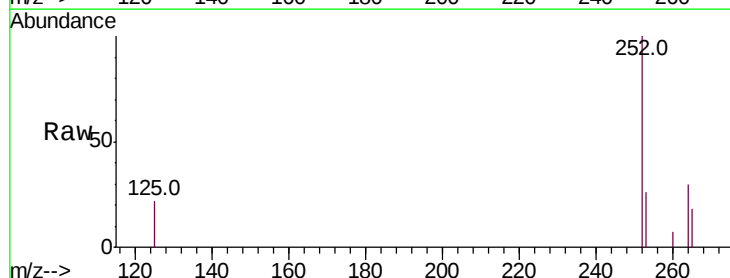
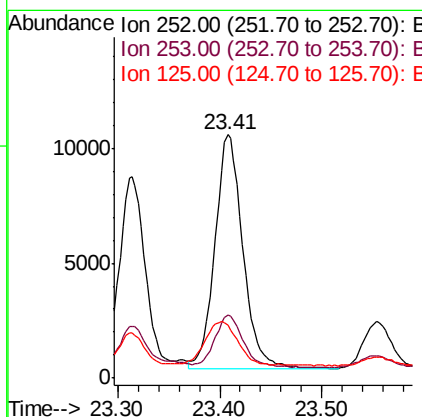
RT: 23.41 min Scan# 5437

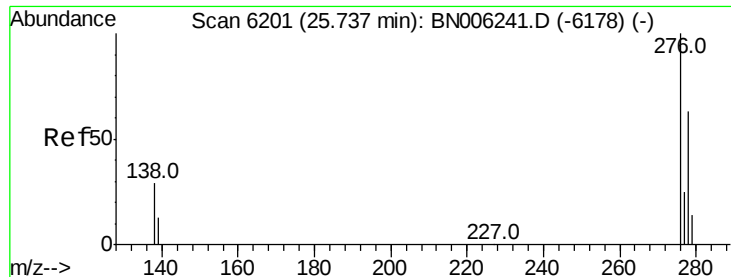
Delta R.T. 0.01 min

Lab File: BN006242.D

Acq: 11 Jun 2019 09:44

Tgt Ion:252	Resp:	19254
Ion Ratio	Lower	Upper
252	100	
253	26.1	21.1 31.7
125	21.6	20.3 30.5





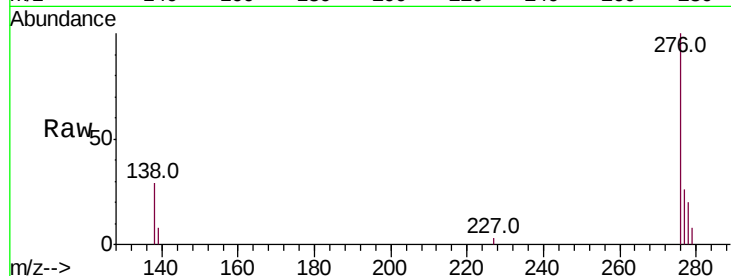
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.225 ng/ul
RT: 25.74 min Scan# 6203
Delta R.T. 0.02 min
Lab File: BN006242.D
Acq: 11 Jun 2019 09:44

Instrument :
BNA_N
ClientSampleId :
A51F1DL

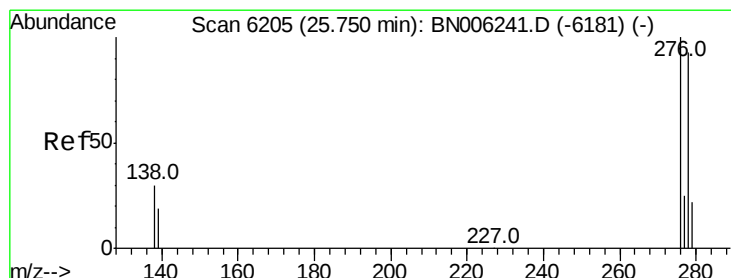
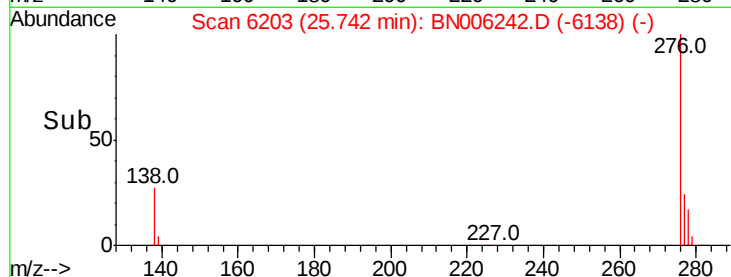
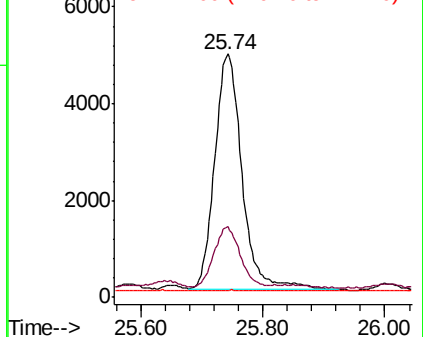
Tot Ion	Ratio	Lower	Upper
276	100		
138	24.6	25.6	38.4#
227	0.2	0.3	0.5#

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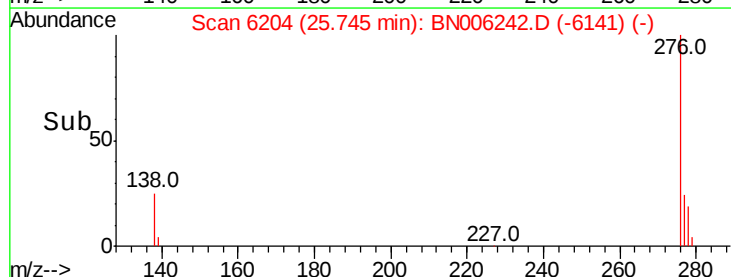
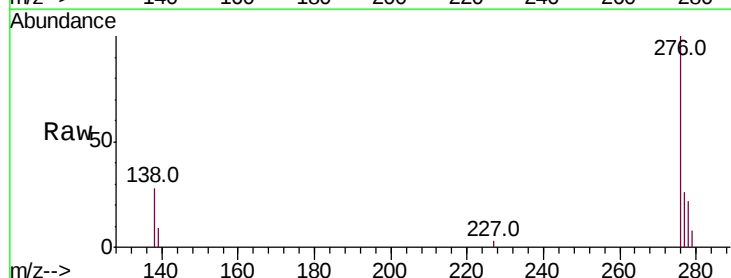
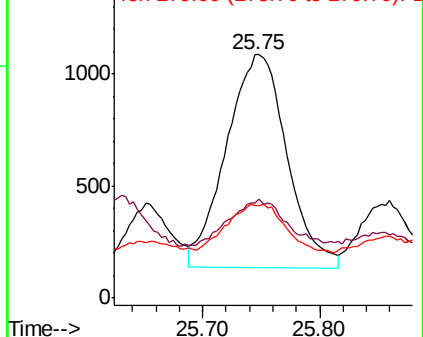
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E

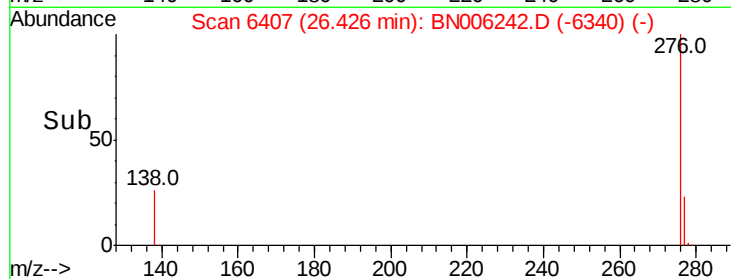
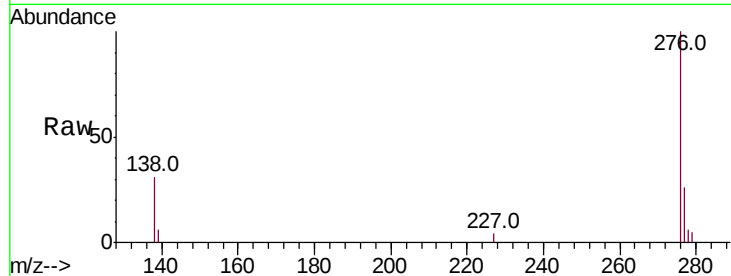
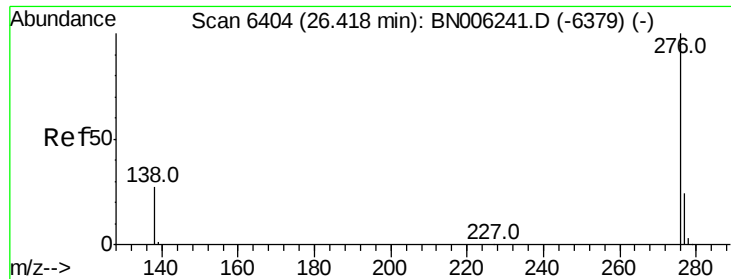


#25
Dibenzo(a,h)anthracene
Concen: 0.063 ng/ul
RT: 25.75 min Scan# 6204
Delta R.T. 0.01 min
Lab File: BN006242.D
Acq: 11 Jun 2019 09:44

Tgt Ion	Ratio	Lower	Upper
278	100		
139	39.0	21.2	31.8#
279	37.8	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: 0.241 ng/ul

RT: 26.43 min Scan# 6407

Delta R.T. 0.02 min

Lab File: BN006242.D

Acq: 11 Jun 2019 09:44

Instrument :

BNA_N

ClientSampleId :

A51F1DL

Tot Ion:	276	Resp:	13653
Ion Ratio	Lower	Upper	
276	100		
138	30.7	24.2	36.4
277	25.9	21.5	32.3

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