

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
 Data File : BN006343.D
 Acq On : 17 Jun 2019 12:24
 Operator : JU/SJ
 Sample : K3332-15MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4222MS

Manual Integrations
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 6/20/2019 10:50:48 AM

Quant Time: Jun 18 01:57:31 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	7.65	152	3716	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	15246	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	8300	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	15438	0.40	ng/ul	0.00
16) Chrysene-d12	21.29	240	9592	0.40	ng/ul	0.02
20) Perylene-d12	23.54	264	10368	0.40	ng/ul	0.04
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	4850	0.21	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	9733	0.23	ng/ul	0.00
Target Compounds				Ovalue		
8) Acenaphthene	14.36	153	7720	0.241	ng/ul	100
11) Pentachlorophenol	16.73	266	379	0.097	ng/ul	99
12) Phenanthrene	17.09	178	2977	0.060	ng/ul#	91
15) Fluoranthene	19.13	202	10213	0.187	ng/ul	97
17) Pyrene	19.49	202	23210	0.459	ng/ul	98
18) Benzo(a)anthracene	21.27	228	4179	0.099	ng/ul	95
19) Chrysene	21.33	228	4053	0.102	ng/ul	95
21) Benzo(b)fluoranthene	22.88	252	5955m	0.138	ng/ul	
22) Benzo(k)fluoranthene	22.91	252	2571m	0.061	ng/ul	
23) Benzo(a)pyrene	23.45	252	3541	0.088	ng/ul#	76
24) Indeno(1,2,3-cd)pyrene	25.79	276	2863	0.066	ng/ul#	89
25) Dibenzo(a,h)anthracene	25.80	278	1049	0.030	ng/ul#	45
26) Benzo(g,h,i)perylene	26.48	276	2406	0.066	ng/ul#	83

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

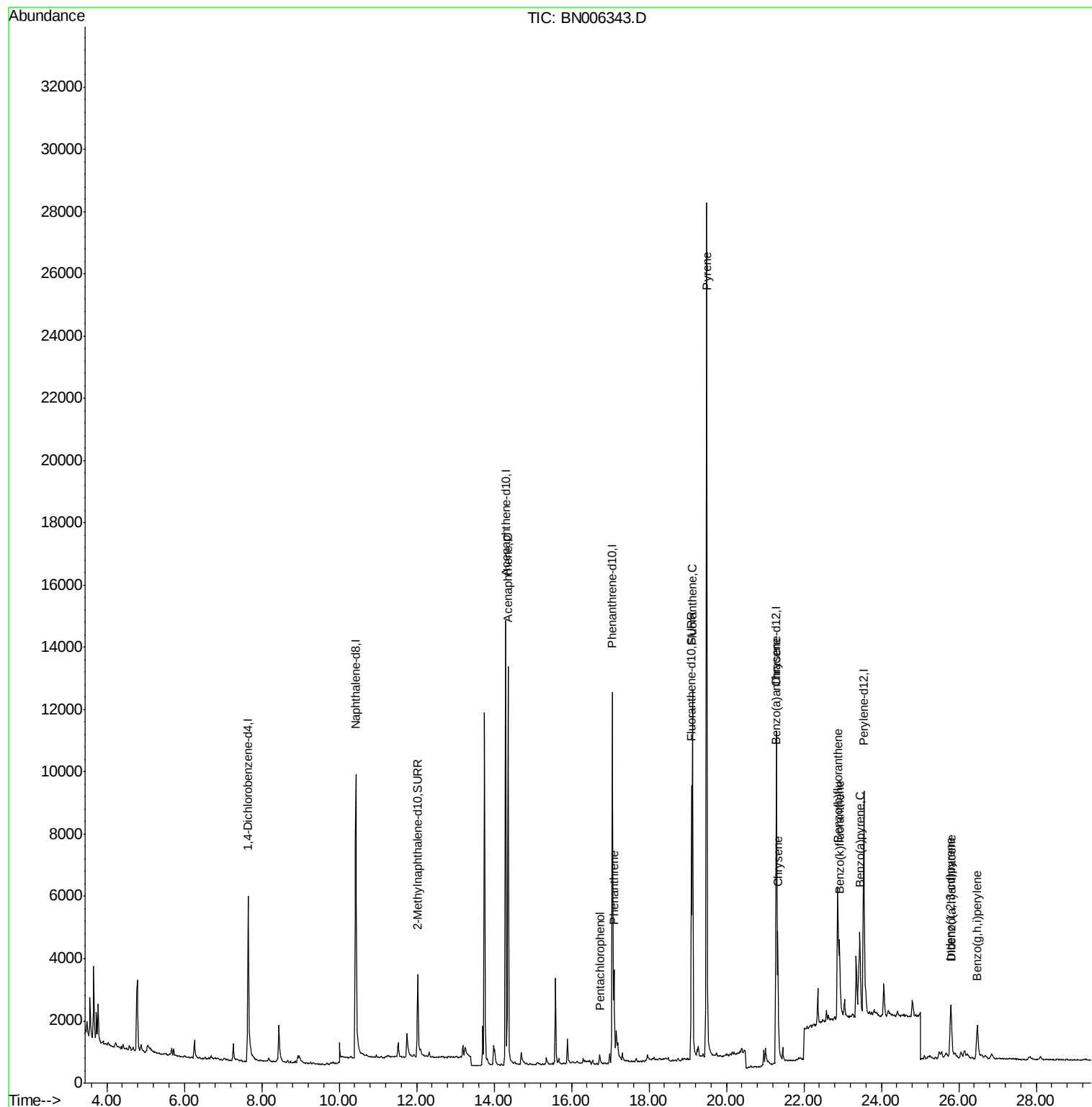
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
Data File : BN006343.D
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Operator : JU/SJ
Sample : K3332-15MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

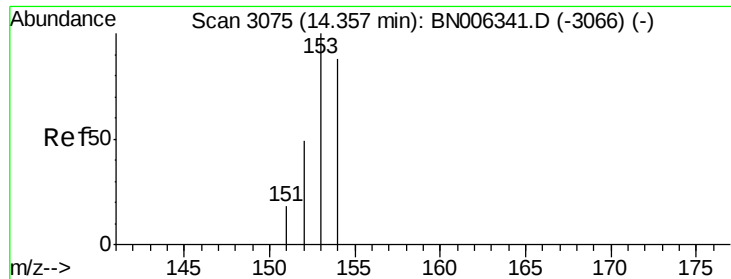
Instrument :
BNA_N
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
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QLast Update : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration





#8

Acenaphthene

Concen: 0.241 ng/ul

RT: 14.36 min Scan# 3075

Delta R.T. 0.00 min

Lab File: BN006343.D

Acq: 17 Jun 2019 12:24

Instrument :

BNA_N

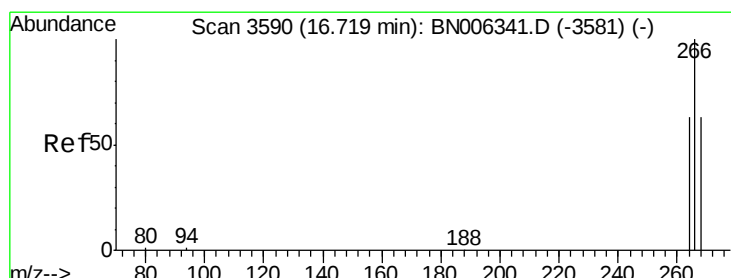
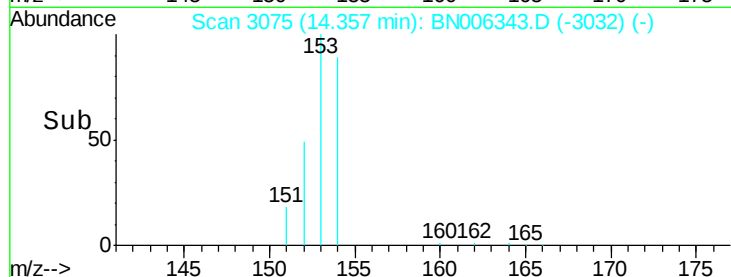
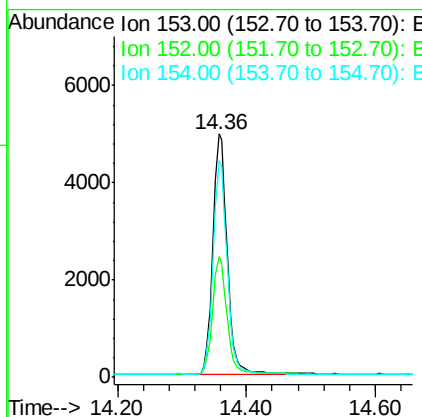
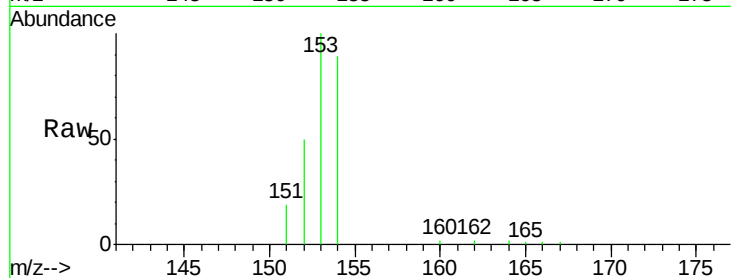
ClientSampleId :

A4222MS

Tot Ion:	153	Resp:	7720
Ion	Ratio	Lower	Upper
153	100		
152	49.7	39.1	58.7
154	88.9	71.1	106.7

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#11

Pentachlorophenol

Concen: 0.097 ng/ul

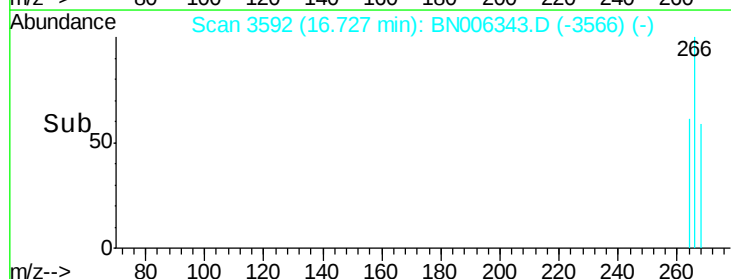
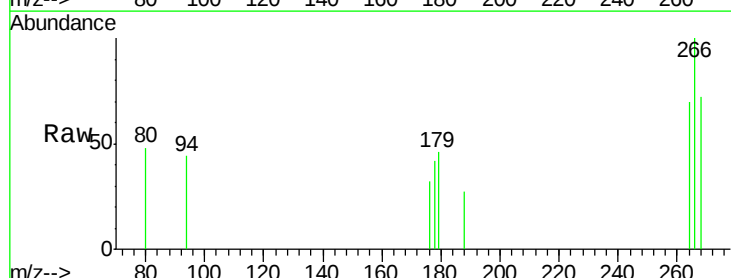
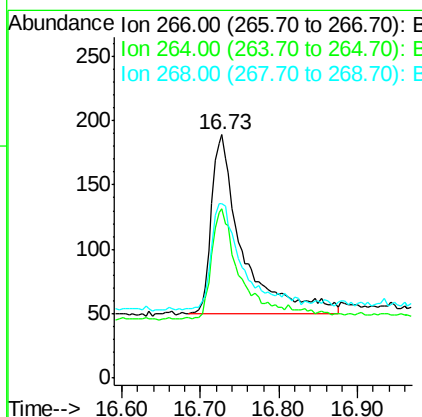
RT: 16.73 min Scan# 3592

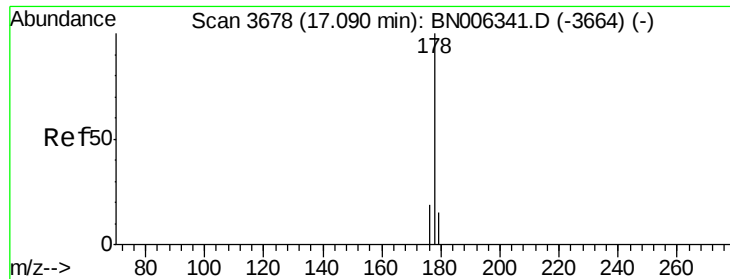
Delta R.T. 0.01 min

Lab File: BN006343.D

Acq: 17 Jun 2019 12:24

Tgt Ion:	266	Resp:	379
Ion	Ratio	Lower	Upper
266	100		
264	63.1	50.3	75.5
268	63.1	51.3	76.9





#12

Phenanthrene

Concen: 0.060 ng/ul

RT: 17.09 min Scan# 3679

Delta R.T. 0.00 min

Lab File: BN006343.D

Acq: 17 Jun 2019 12:24

Instrument :

BNA_N

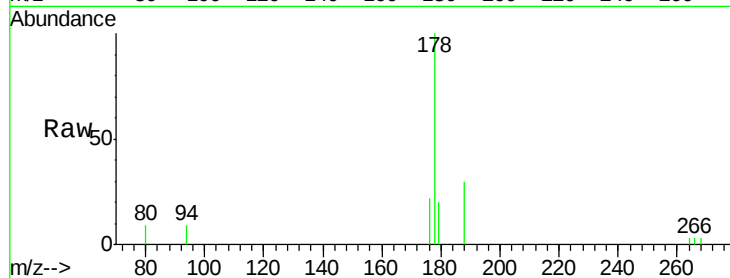
ClientSampleId :

A4222MS

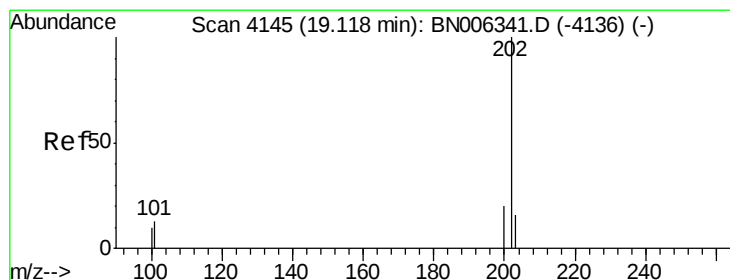
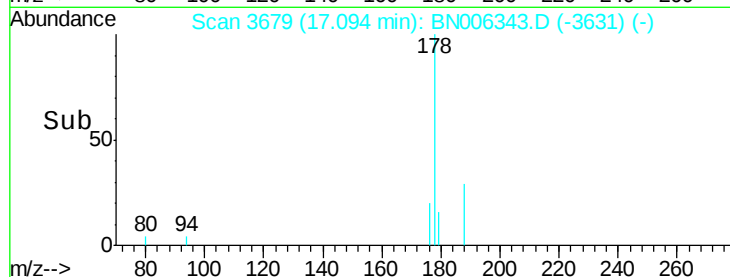
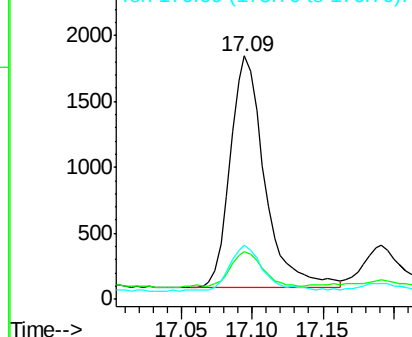
Tot Ion:	178	Resp:	2977
Ion	Ratio	Lower	Upper
178	100		
179	19.8	12.3	18.5#
176	22.3	15.3	22.9

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#15

Fluoranthene

Concen: 0.187 ng/ul

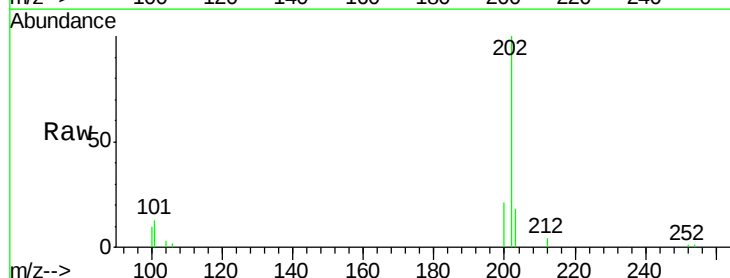
RT: 19.13 min Scan# 4147

Delta R.T. 0.01 min

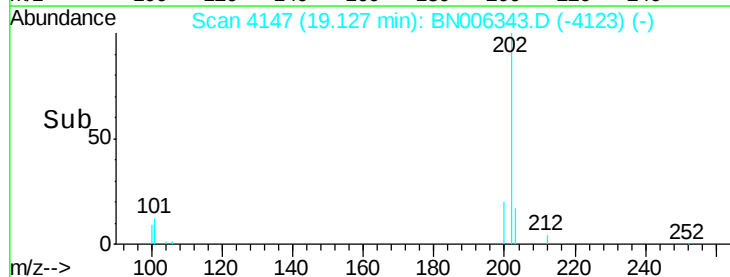
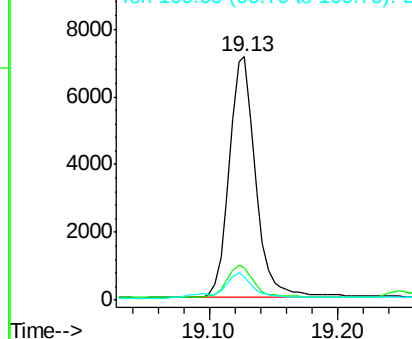
Lab File: BN006343.D

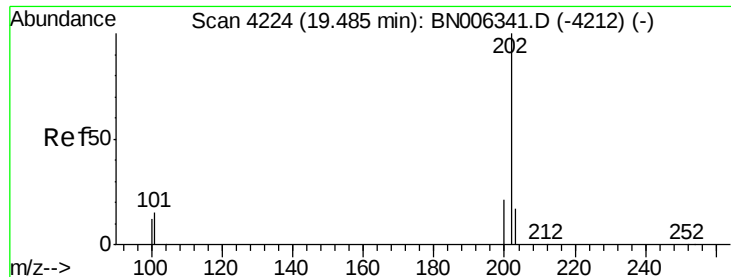
Acq: 17 Jun 2019 12:24

Tgt Ion:	202	Resp:	10213
Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	32.1
100	9.9	0.0	28.7



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

Pvrene

Concen: 0.459 ng/ul

RT: 19.49 min Scan# 4225

Delta R.T. 0.00 min

Lab File: BN006343.D

Acq: 17 Jun 2019 12:24

Instrument :

BNA_N

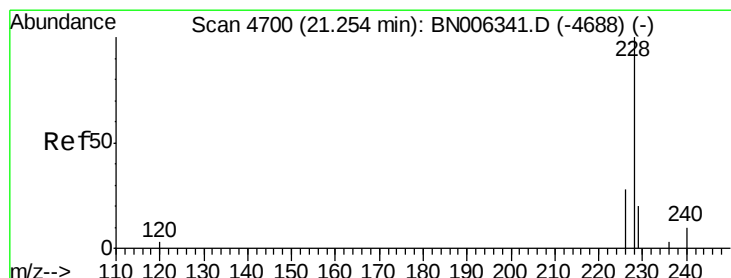
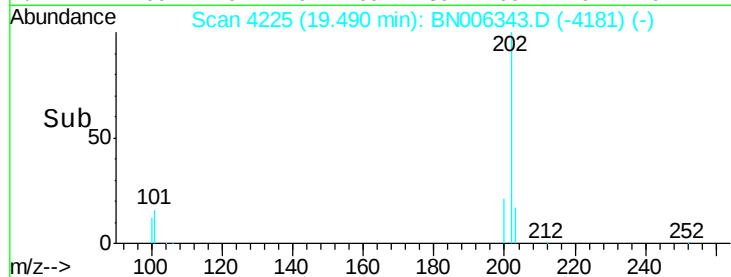
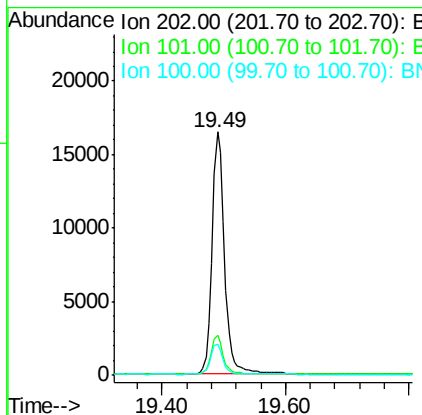
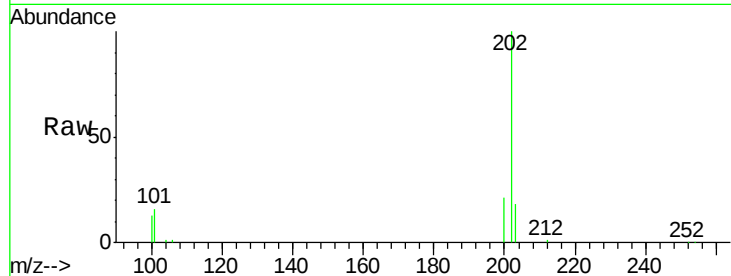
ClientSampleId :

A4222MS

Tot Ion:	202	Resp:	23210
Ion Ratio	Lower	Upper	
202	100		
101	16.2	12.2	18.2
100	12.5	9.8	14.6

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#18

Benzo(a)anthracene

Concen: 0.099 ng/ul

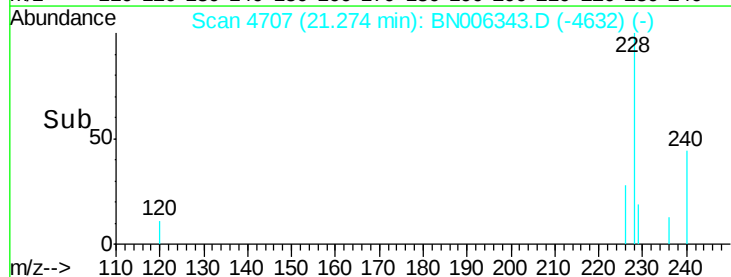
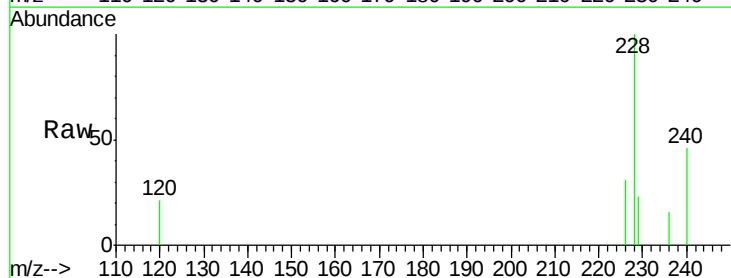
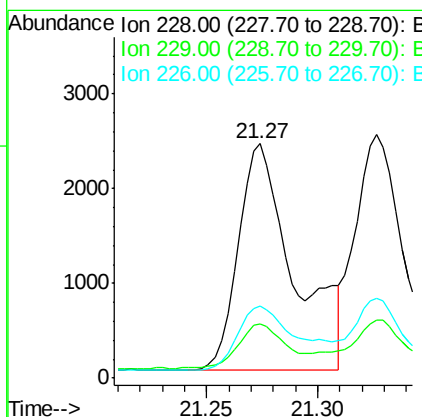
RT: 21.27 min Scan# 4707

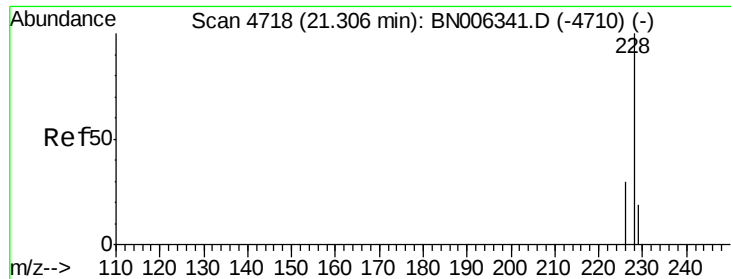
Delta R.T. 0.02 min

Lab File: BN006343.D

Acq: 17 Jun 2019 12:24

Tgt Ion:	228	Resp:	4179
Ion Ratio	Lower	Upper	
228	100		
229	23.1	16.5	24.7
226	30.6	22.8	34.2





#19

Chrysene

Concen: 0.102 ng/ul

RT: 21.33 min Scan# 4725

Delta R.T. 0.02 min

Lab File: BN006343.D

Acq: 17 Jun 2019 12:24

Instrument :

BNA_N

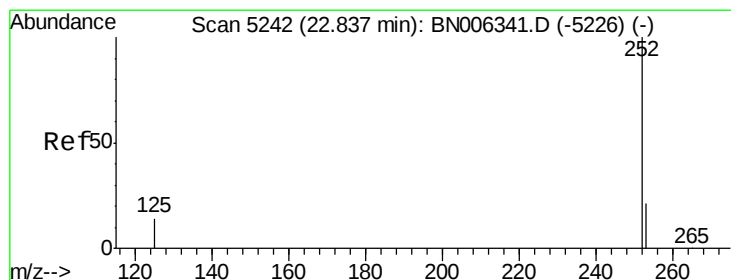
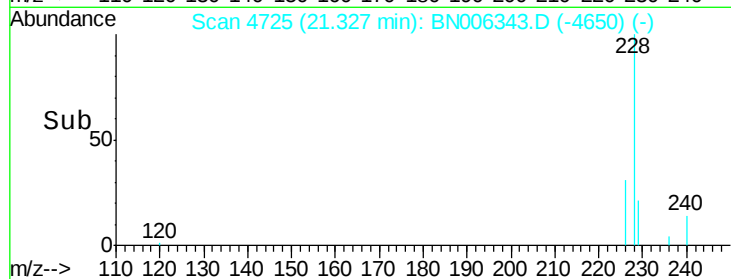
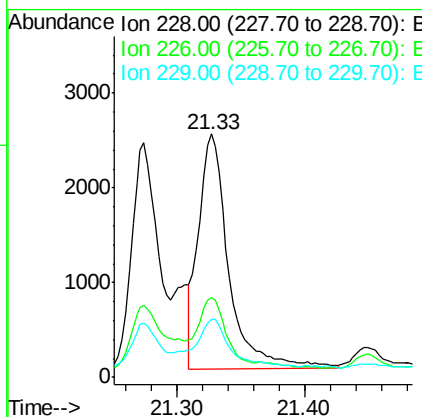
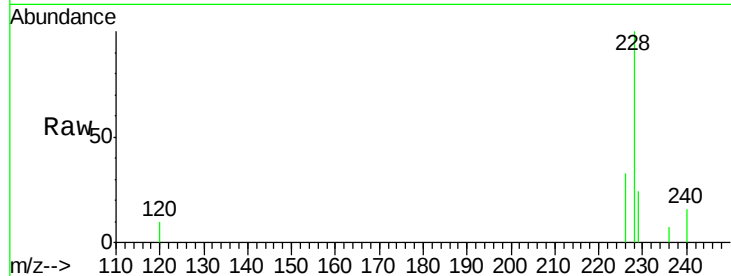
ClientSampleId :

A4222MS

Tot Ion:	228	Resp:	4053
Ion	Ratio	Lower	Upper
228	100		
226	32.7	25.0	37.6
229	24.0	16.3	24.5

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#21

Benzo(b)fluoranthene

Concen: 0.138 ng/ul m

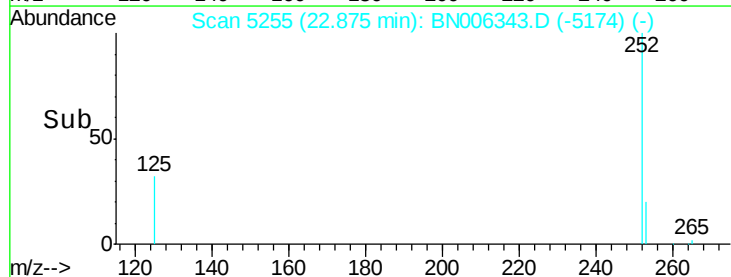
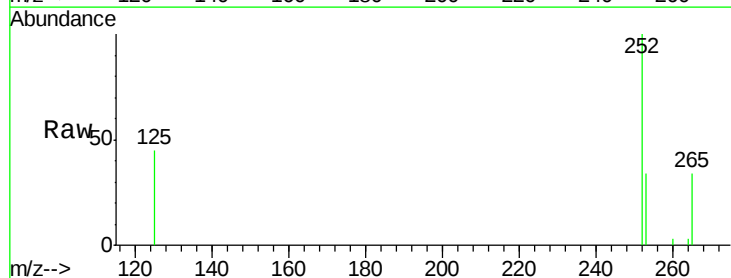
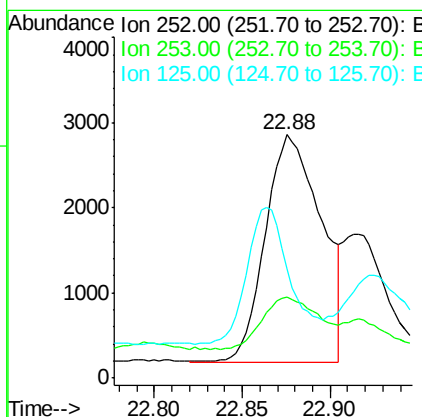
RT: 22.88 min Scan# 5255

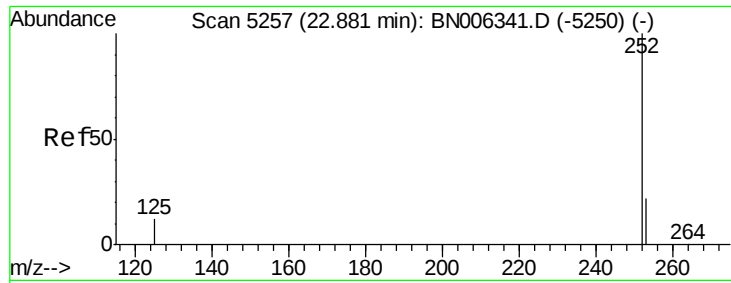
Delta R.T. 0.04 min

Lab File: BN006343.D

Acq: 17 Jun 2019 12:24

Tgt Ion:	252	Resp:	5955
Ion	Ratio	Lower	Upper
252	100		
253	33.5	0.0	51.4
125	44.7	0.0	41.0#





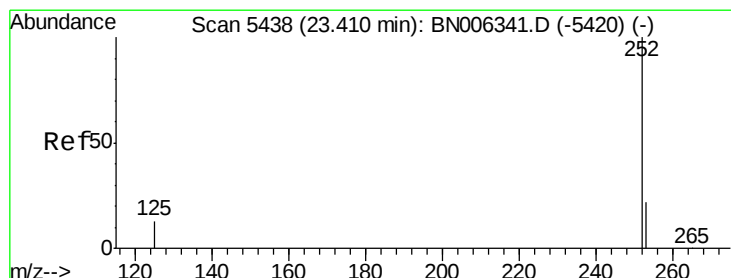
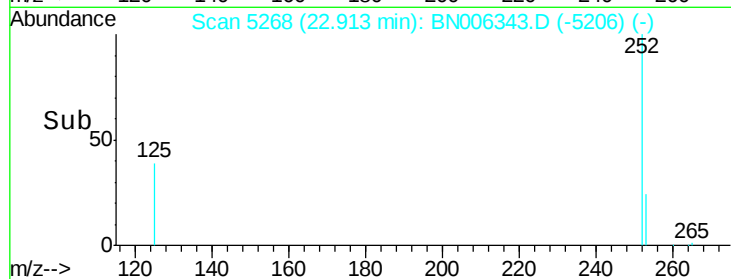
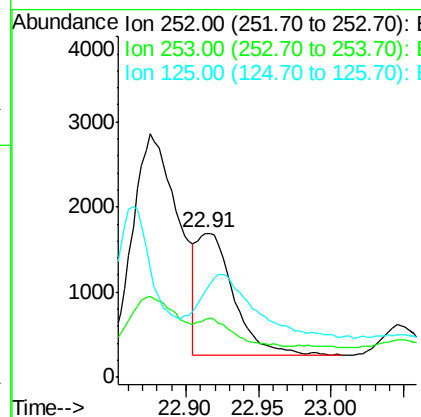
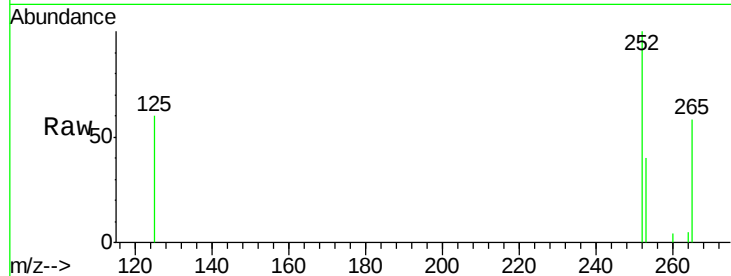
#22
Benzo(k)fluoranthene
Concen: 0.061 ng/ul m
RT: 22.91 min Scan# 5268
Delta R.T. 0.03 min
Lab File: BN006343.D
Acq: 17 Jun 2019 12:24

Instrument :
BNA_N
ClientSampleId :
A4222MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	40.4	20.3	30.5#
125	60.2	14.3	21.5#

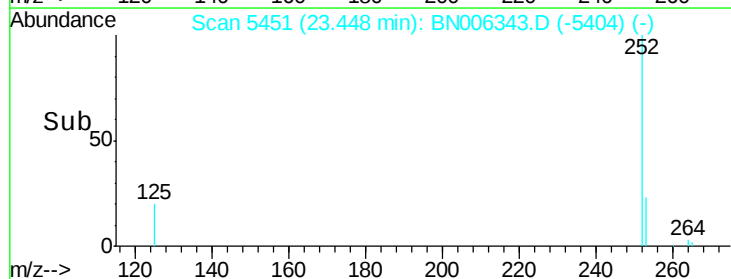
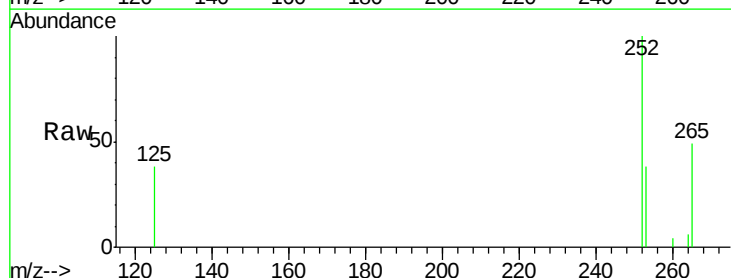
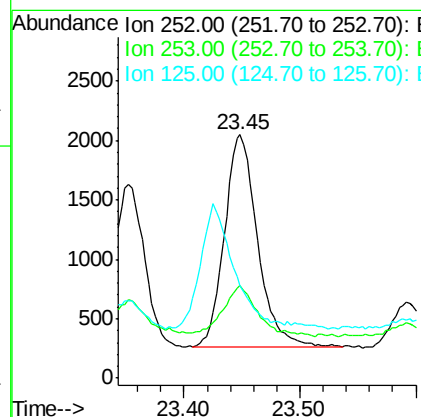
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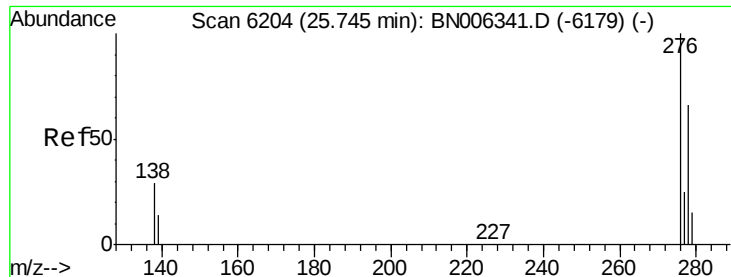
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#23
Benzo(a)pyrene
Concen: 0.088 ng/ul
RT: 23.45 min Scan# 5451
Delta R.T. 0.04 min
Lab File: BN006343.D
Acq: 17 Jun 2019 12:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	38.0	21.1	31.7#
125	38.3	20.3	30.5#





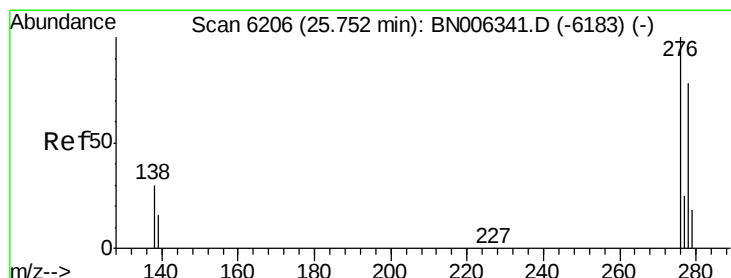
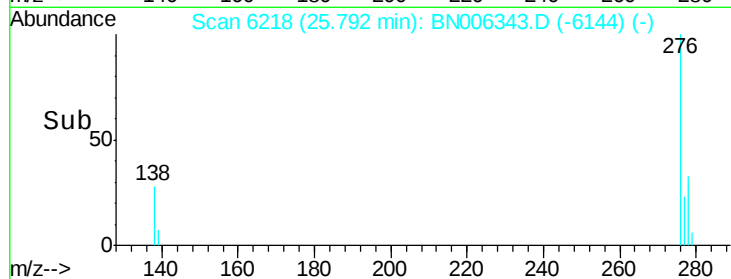
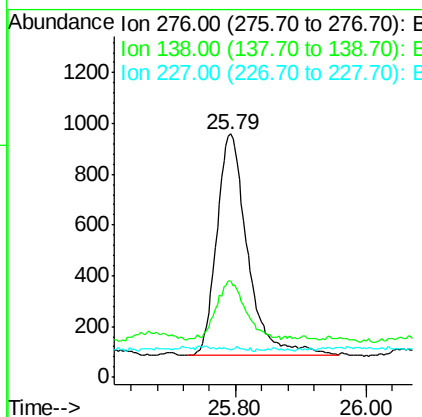
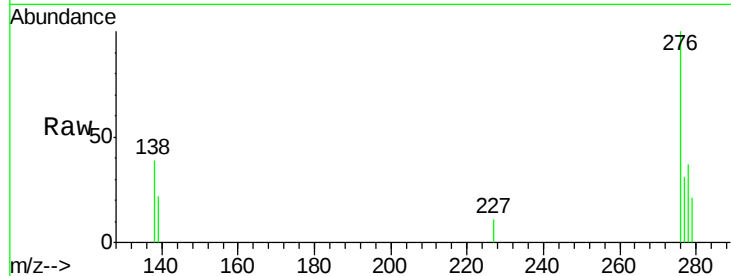
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.066 ng/uL
 RT: 25.79 min Scan# 6218
 Delta R.T. 0.05 min
 Lab File: BN006343.D
 Acq: 17 Jun 2019 12:24

Instrument :
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 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
276	100		
138	26.0	25.6	38.4
227	0.2	0.3	0.5

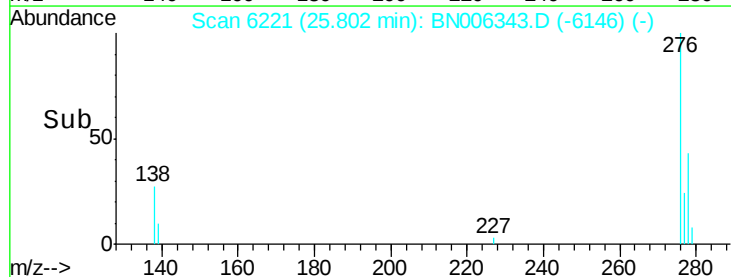
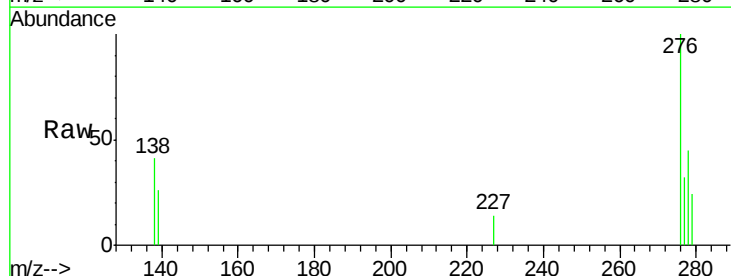
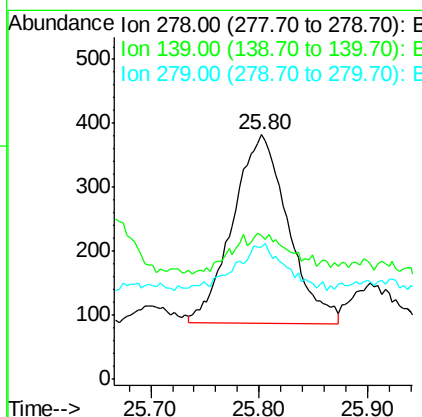
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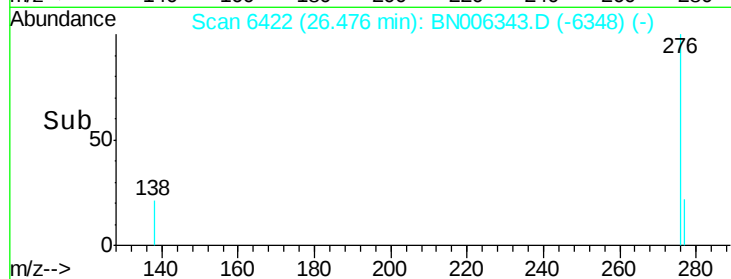
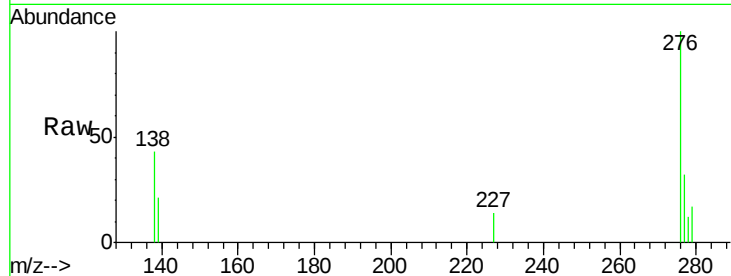
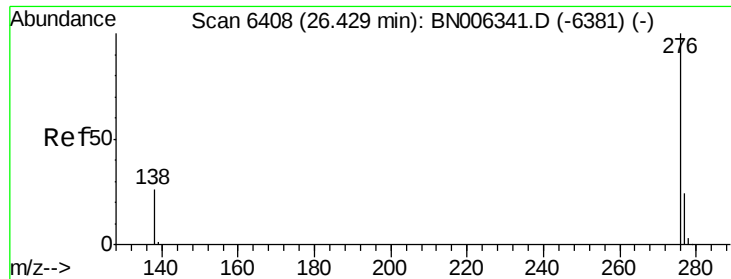
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#25
 Dibenzo(a,h)anthracene
 Concen: 0.030 ng/uL
 RT: 25.80 min Scan# 6221
 Delta R.T. 0.05 min
 Lab File: BN006343.D
 Acq: 17 Jun 2019 12:24

Tgt Ion	Ratio	Lower	Upper
278	100		
139	58.6	21.2	31.8
279	53.7	22.6	33.8





#26
Benzo(a,h,i)perylene
Concen: 0.066 ng/ul
RT: 26.48 min Scan# 6422
Delta R.T. 0.05 min
Lab File: BN006343.D
Acq: 17 Jun 2019 12:24

Tot Ion	Ratio	Lower	Upper
276	100		
138	42.6	24.2	36.4#
277	32.3	21.5	32.3

Instrument :
BNA_N
ClientSampleId :
A4222MS

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