

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
 Data File : BN006354.D
 Acq On : 17 Jun 2019 18:43
 Operator : JU/SJ
 Sample : K3332-17
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4223

Manual Integrations
 APPROVED

mohammad
 6/21/2019 8:22:23 AM

Quant Time: Jun 18 03:06:46 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	5027	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	19600	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	9988	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	17878m	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	11689m	0.40	ng/ul	0.00
20) Perylene-d12	23.51	264	9632m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	4829	0.16	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	10521m	0.22	ng/ul	0.00
Target Compounds				Ovalue		
12) Phenanthrene	17.09	178	3052	0.053	ng/ul	93
15) Fluoranthene	19.12	202	7739m	0.122	ng/ul	
17) Pyrene	19.49	202	6981m	0.113	ng/ul	
18) Benzo(a)anthracene	21.26	228	3211	0.062	ng/ul	93
19) Chrysene	21.31	228	3656	0.075	ng/ul	95
21) Benzo(b)fluoranthene	22.85	252	5250m	0.131	ng/ul	
22) Benzo(k)fluoranthene	22.89	252	1867m	0.048	ng/ul	
23) Benzo(a)pyrene	23.41	252	3181m	0.085	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.76	276	2656m	0.066	ng/ul	
25) Dibenzo(a,h)anthracene	25.77	278	863m	0.027	ng/ul	
26) Benzo(g,h,i)perylene	26.44	276	2280m	0.067	ng/ul	

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

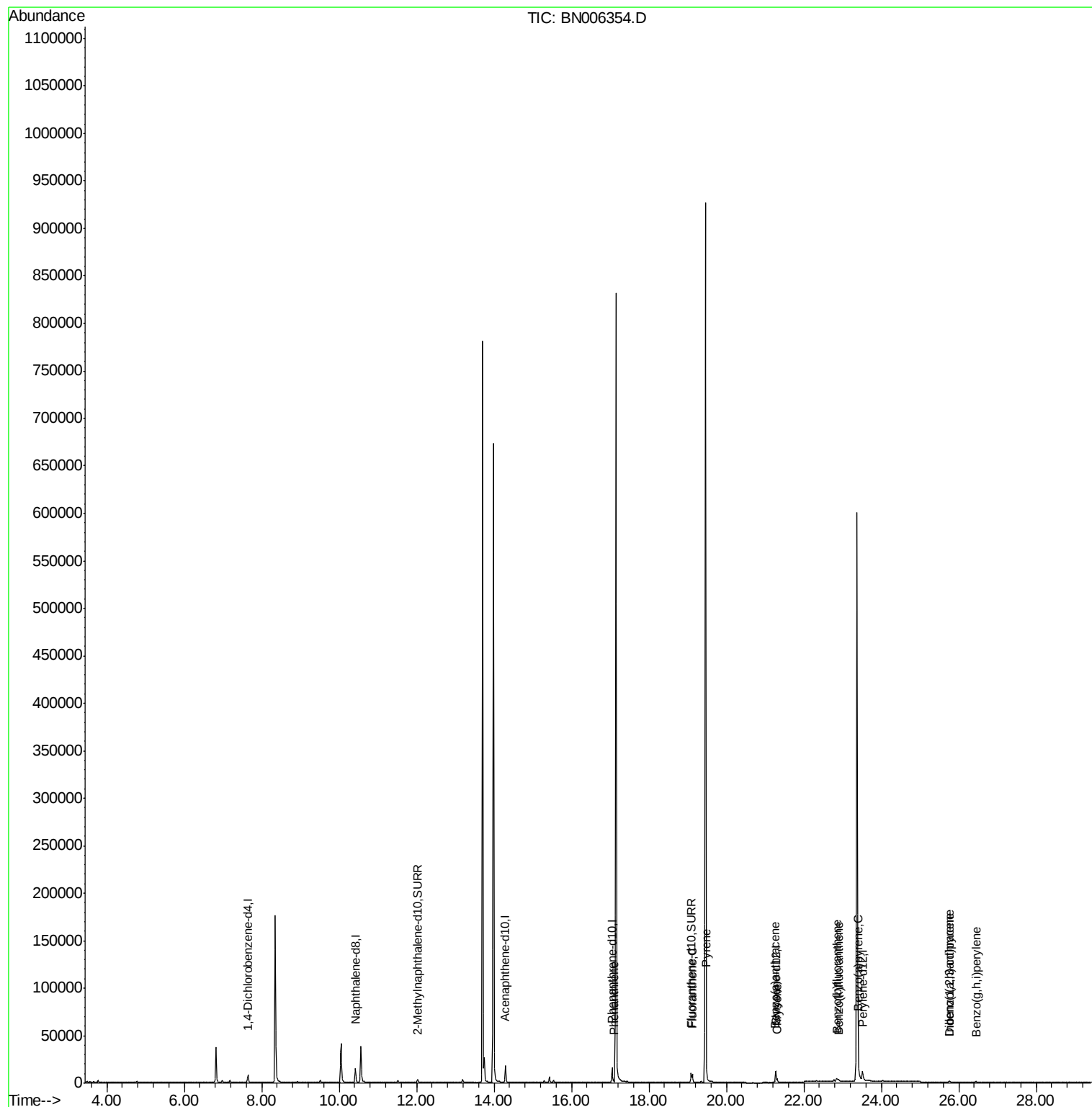
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
Data File : BN006354.D
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Sample : K3332-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

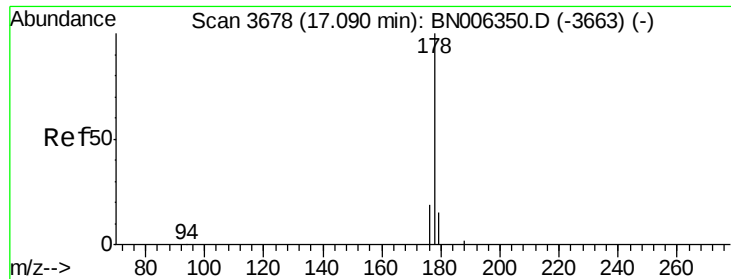
Instrument :
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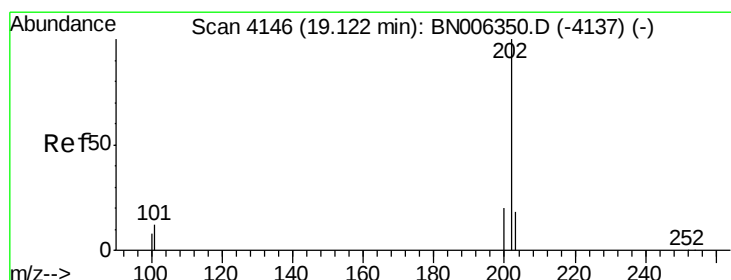
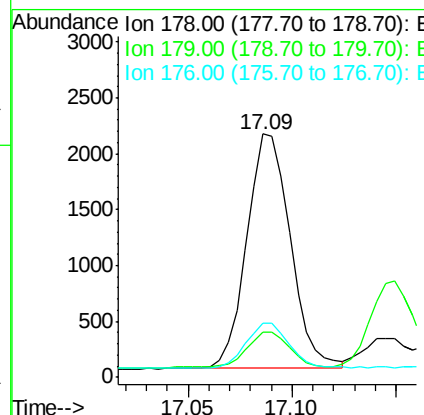
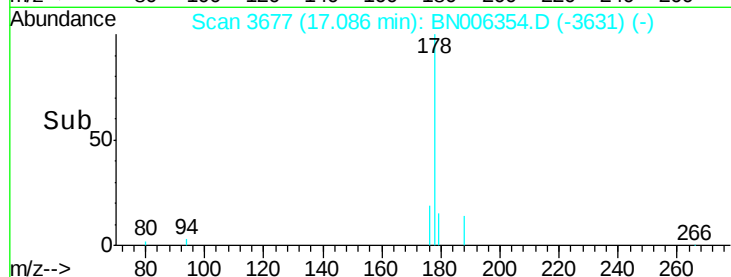
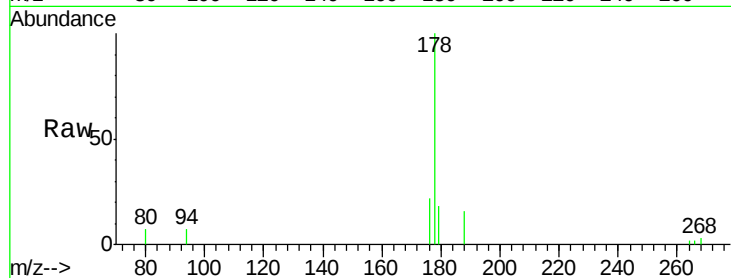
#12
Phenanthrene
Concen: 0.053 ng/ul
RT: 17.09 min Scan# 3677
Delta R.T. -0.00 min
Lab File: BN006354.D
Acq: 17 Jun 2019 18:43

Instrument :
BNA_N
ClientSampleId :
A4223

Tot Ion:178	Resp:	3052
Ion Ratio	Lower	Upper
178	100	
179	18.4	12.3 18.5
176	22.4	15.3 22.9

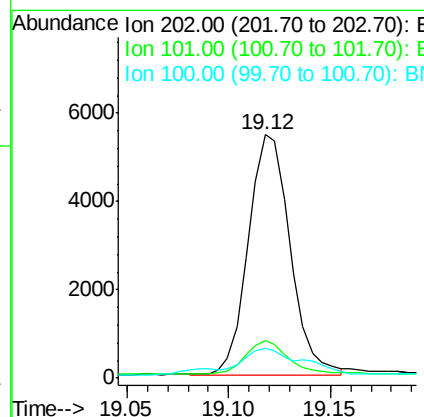
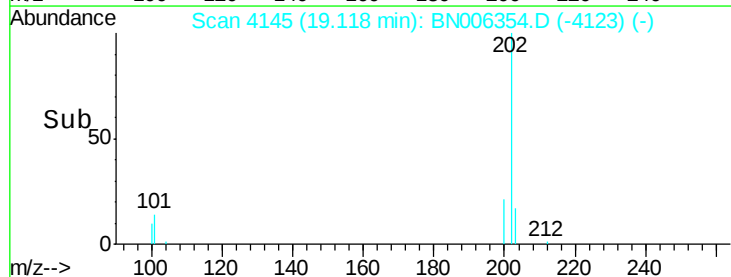
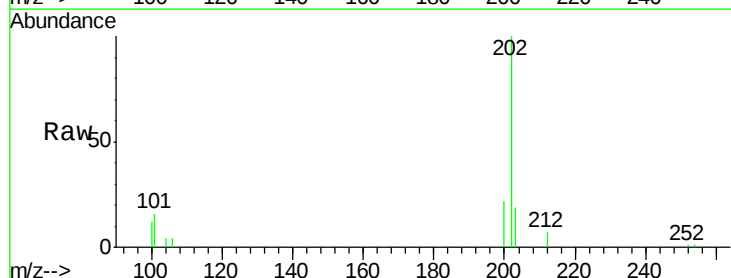
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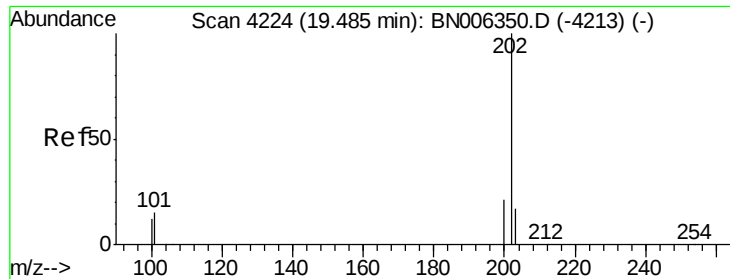
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#15
Fluoranthene
Concen: 0.122 ng/ul m
RT: 19.12 min Scan# 4145
Delta R.T. -0.00 min
Lab File: BN006354.D
Acq: 17 Jun 2019 18:43

Tgt Ion:202	Resp:	7739
Ion Ratio	Lower	Upper
202	100	
101	15.6	0.0 32.1
100	12.2	0.0 28.7





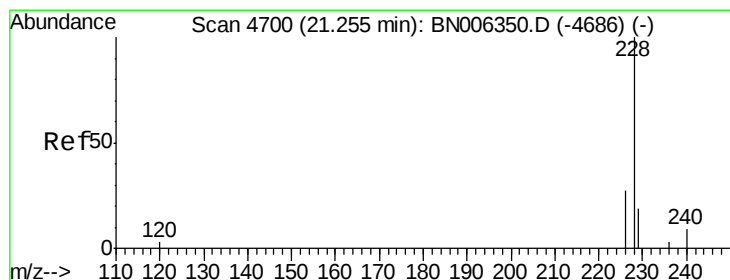
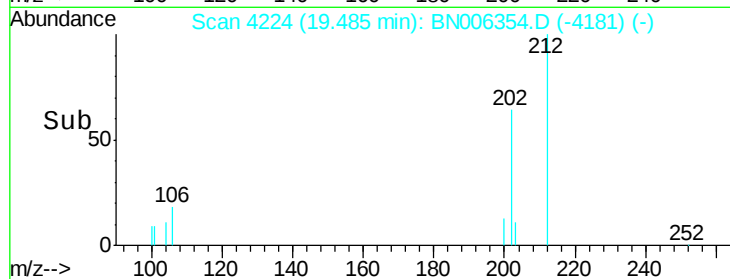
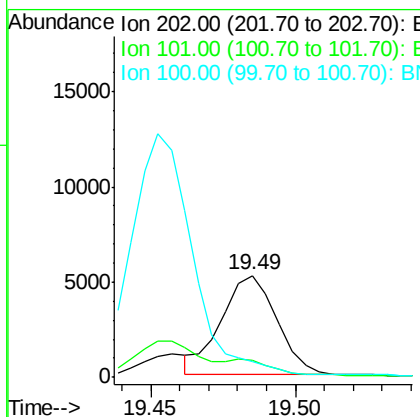
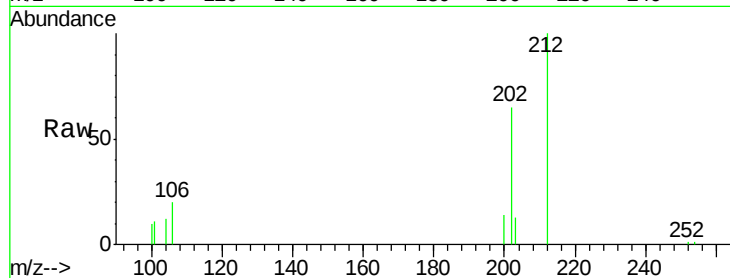
#17
Pvrene
Concen: 0.113 ng/ul m
RT: 19.49 min Scan# 4224
Delta R.T. -0.00 min
Lab File: BN006354.D
Acq: 17 Jun 2019 18:43

Instrument :
BNA_N
ClientSampleId :
A4223

Tot Ion	Ratio	Resp	Lower	Upper
202	100	6981		
101	16.4		12.2	18.2
100	15.7		9.8	14.6

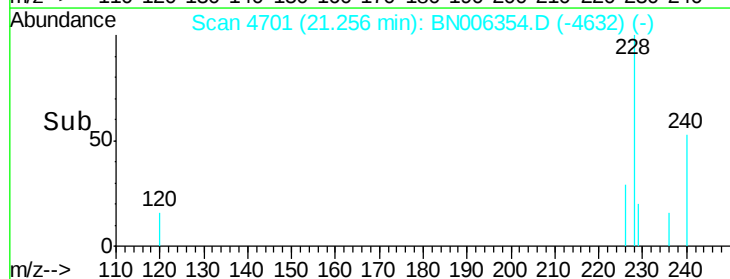
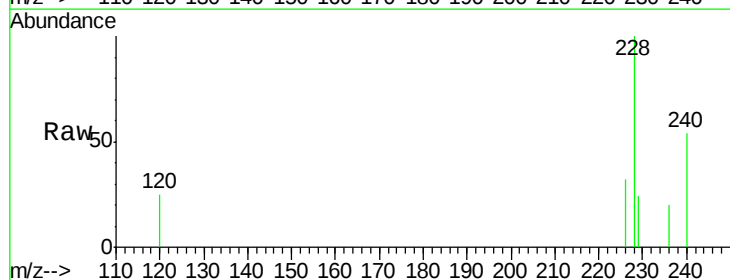
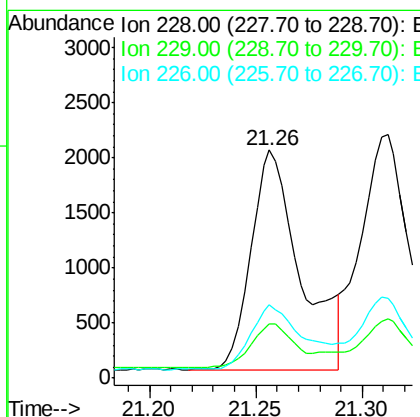
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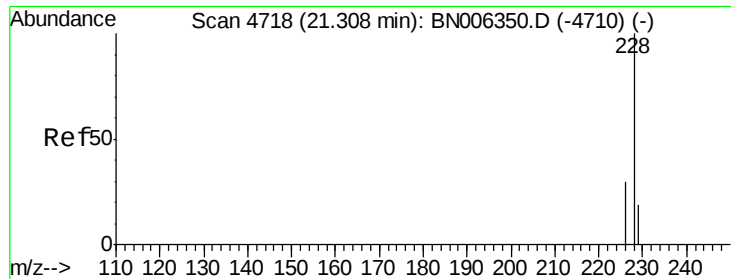
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#18
Benzo(a)anthracene
Concen: 0.062 ng/ul
RT: 21.26 min Scan# 4701
Delta R.T. 0.00 min
Lab File: BN006354.D
Acq: 17 Jun 2019 18:43

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	3211		
229	23.7		16.5	24.7
226	31.9		22.8	34.2





#19

Chrysene

Concen: 0.075 ng/ul

RT: 21.31 min Scan# 4720

Delta R.T. 0.01 min

Lab File: BN006354.D

Acq: 17 Jun 2019 18:43

Instrument :

BNA_N

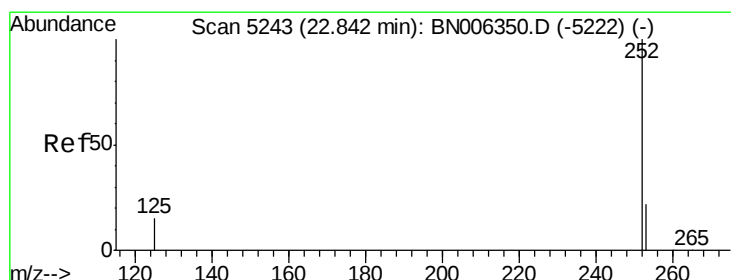
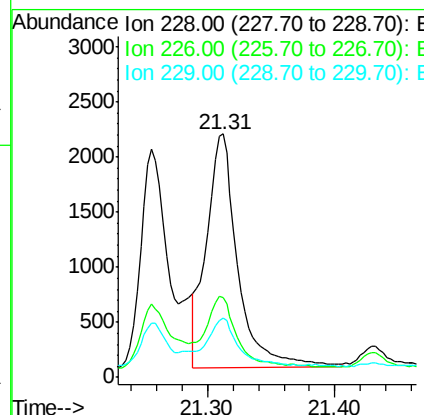
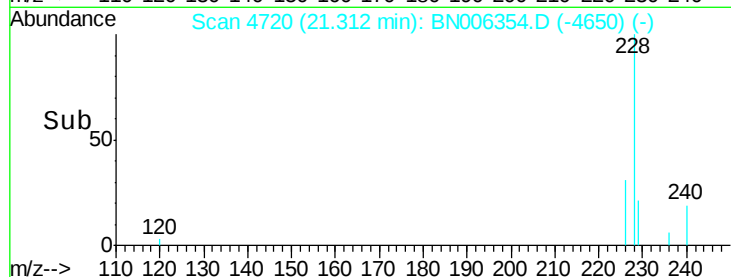
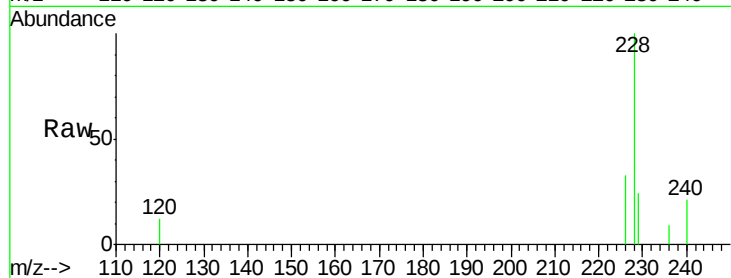
ClientSampled :

A4223

Tot Ion:	228	Resp:	3656
Ion	Ratio	Lower	Upper
228	100		
226	33.0	25.0	37.6
229	24.1	16.3	24.5

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#21

Benzo(b)fluoranthene

Concen: 0.131 ng/ul m

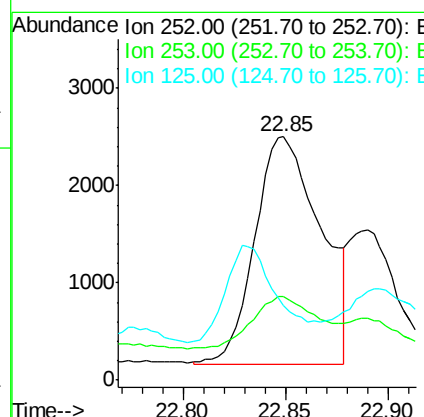
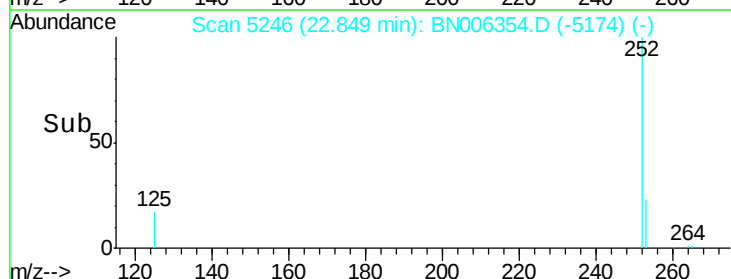
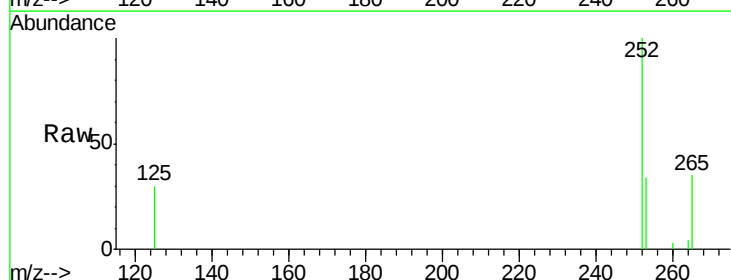
RT: 22.85 min Scan# 5246

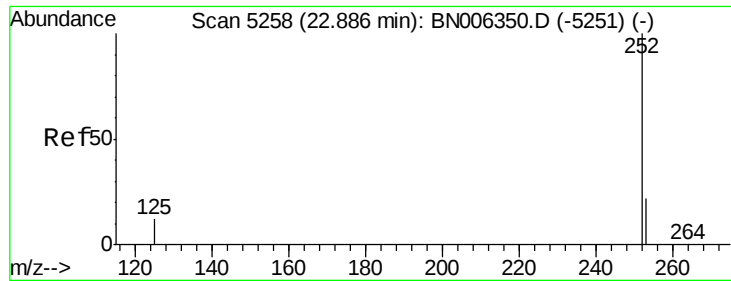
Delta R.T. 0.01 min

Lab File: BN006354.D

Acq: 17 Jun 2019 18:43

Tgt Ion:	252	Resp:	5250
Ion	Ratio	Lower	Upper
252	100		
253	34.2	0.0	51.4
125	30.5	0.0	41.0





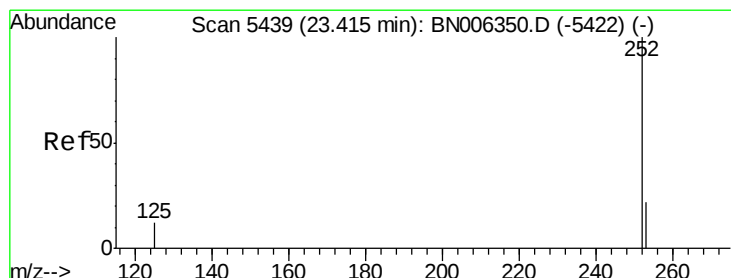
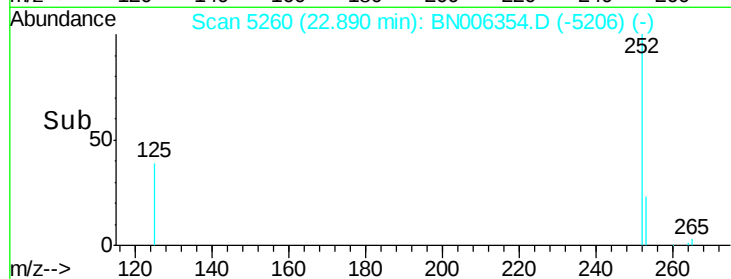
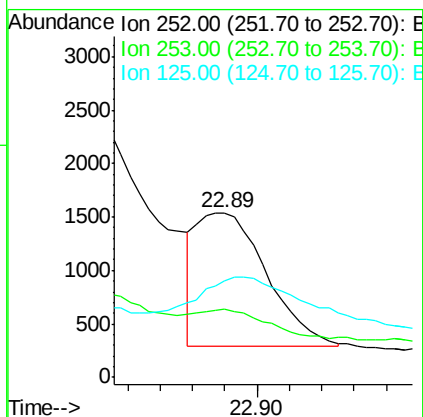
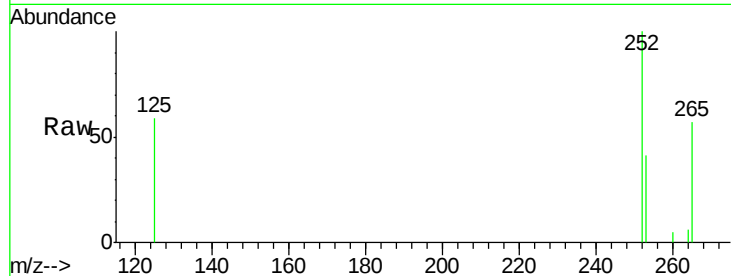
#22
Benzo(k)fluoranthene
Concen: 0.048 ng/ul m
RT: 22.89 min Scan# 5260
Delta R.T. 0.01 min
Lab File: BN006354.D
Acq: 17 Jun 2019 18:43

Instrument :
BNA_N
ClientSampled :
A4223

Tot Ion	Ratio	Lower	Upper
252	100		
253	41.2	20.3	30.5#
125	58.9	14.3	21.5#

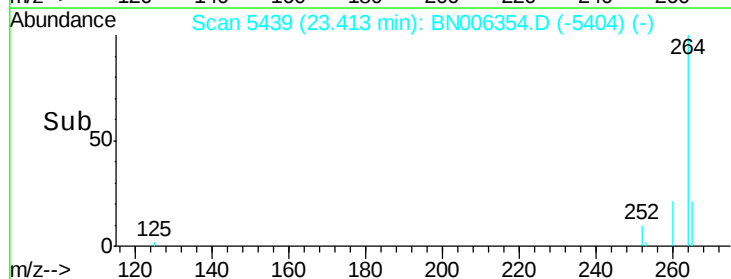
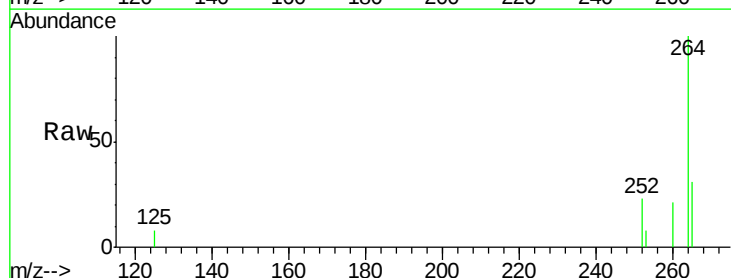
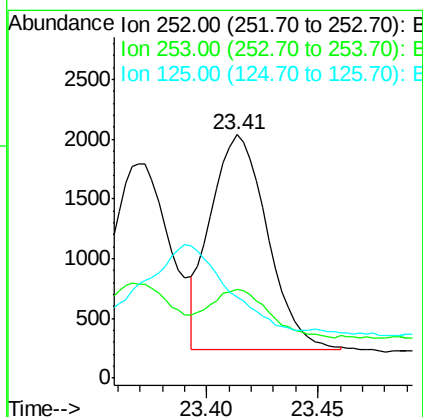
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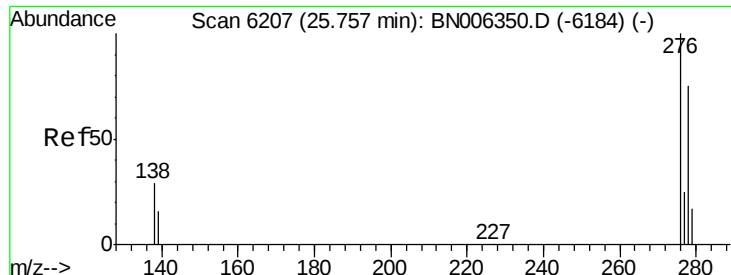
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#23
Benzo(a)pyrene
Concen: 0.085 ng/ul m
RT: 23.41 min Scan# 5439
Delta R.T. 0.00 min
Lab File: BN006354.D
Acq: 17 Jun 2019 18:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	36.5	21.1	31.7#
125	33.4	20.3	30.5#





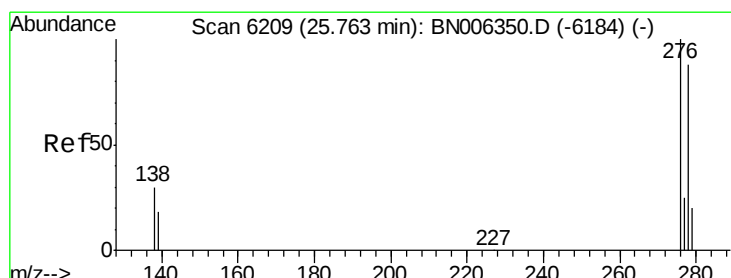
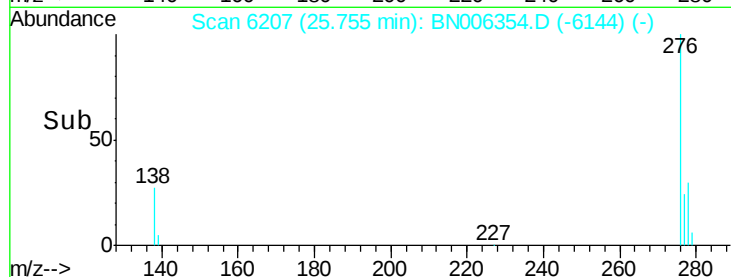
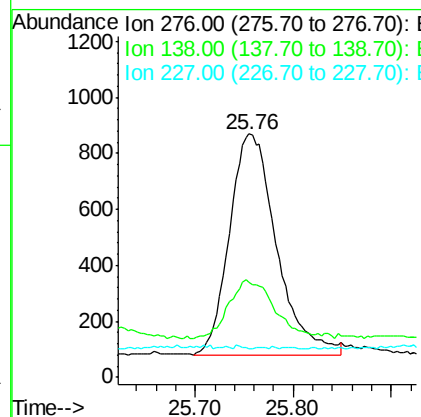
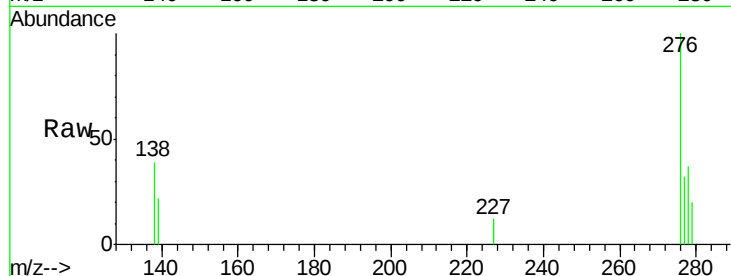
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.066 ng/ul m
RT: 25.76 min Scan# 6207
Delta R.T. 0.01 min
Lab File: BN006354.D
Acq: 17 Jun 2019 18:43

Instrument :
BNA_N
ClientSampleId :
A4223

Tot Ion	Ratio	Lower	Upper
276	100		
138	1.2	25.6	38.4#
227	0.3	0.3	0.5

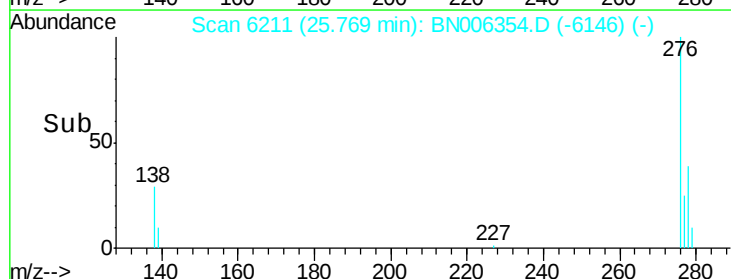
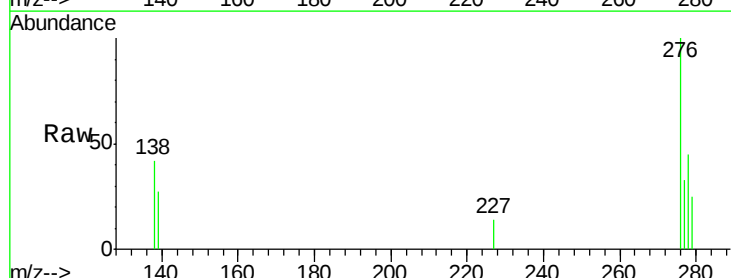
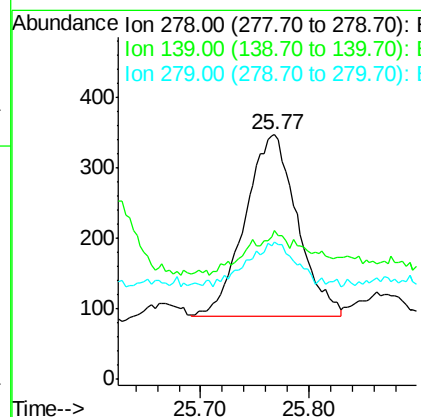
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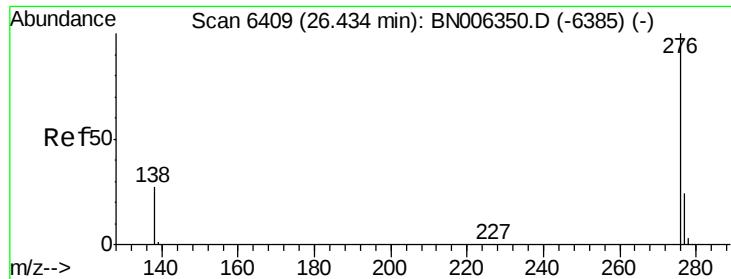
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#25
Dibenzo(a,h)anthracene
Concen: 0.027 ng/ul m
RT: 25.77 min Scan# 6211
Delta R.T. 0.02 min
Lab File: BN006354.D
Acq: 17 Jun 2019 18:43

Tgt Ion	Ratio	Lower	Upper
278	100		
139	60.5	21.2	31.8#
279	56.2	22.6	33.8#





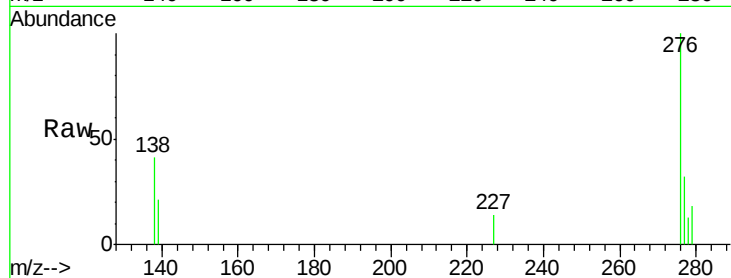
#26
 Benzo(a,h,i)perylene
 Concen: 0.067 ng/ul m
 RT: 26.44 min Scan# 6412
 Delta R.T. 0.01 min
 Lab File: BN006354.D
 Acq: 17 Jun 2019 18:43

Instrument :
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 ClientSampleId :
 A4223

Tot Ion	Ratio	Lower	Upper
276	100		
138	41.2	24.2	36.4#
277	32.1	21.5	32.3

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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

