

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062419\
 Data File : BN006573.D
 Acq On : 25 Jun 2019 16:50
 Operator : HP/JU
 Sample : K3362-02
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A41Z5

Manual Integrations
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Quant Time: Jun 25 17:52:04 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 : Tue Jun 25 07:15:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	4864	0.40	ng/ul	0.00
2) Naphthalene-d8	10.41	136	18490	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.28	164	9549	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	17422m	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	9107m	0.40	ng/ul	0.02
20) Perylene-d12	23.51	264	8468m	0.40	ng/ul	0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	13565	0.48	ng/ul	0.00
14) Fluoranthene-d10	19.08	212	21684m	0.46	ng/ul	0.00
Target Compounds				Ovalue		
12) Phenanthrene	17.08	178	2355m	0.042	ng/ul	
15) Fluoranthene	19.11	202	6265m	0.101	ng/ul	
17) Pyrene	19.48	202	5000	0.104	ng/ul#	88
18) Benzo(a)anthracene	21.26	228	2260	0.056	ng/ul#	91
19) Chrysene	21.31	228	2168	0.057	ng/ul#	91
21) Benzo(b)fluoranthene	22.85	252	3110m	0.088	ng/ul	
22) Benzo(k)fluoranthene	22.89	252	1437m	0.042	ng/ul	
23) Benzo(a)pyrene	23.42	252	1921m	0.058	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.76	276	1394m	0.039	ng/ul	
26) Benzo(g,h,i)perylene	26.44	276	1157m	0.039	ng/ul	

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

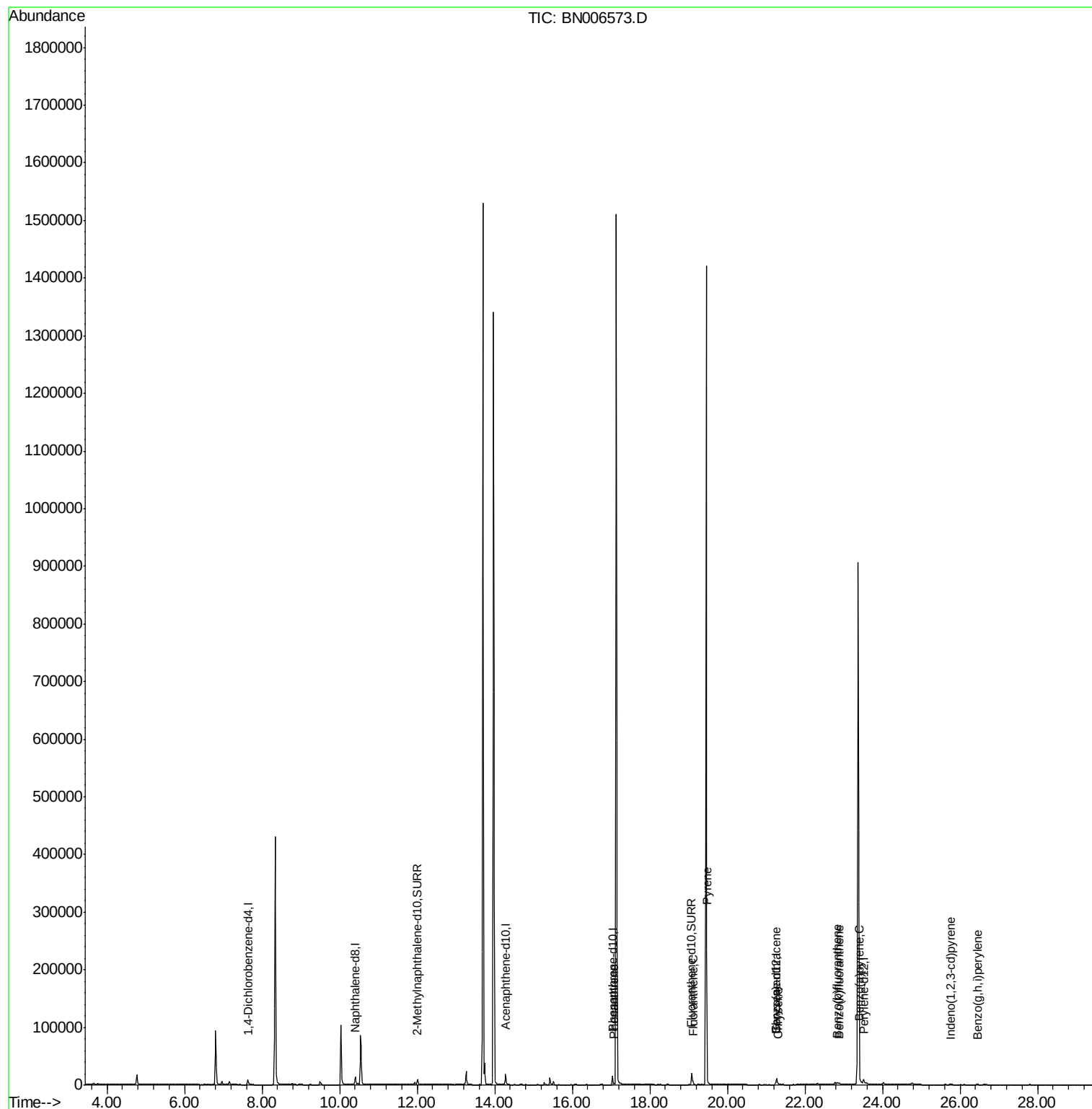
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062419\
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Misc :
ALS Vial : 49 Sample Multiplier: 1

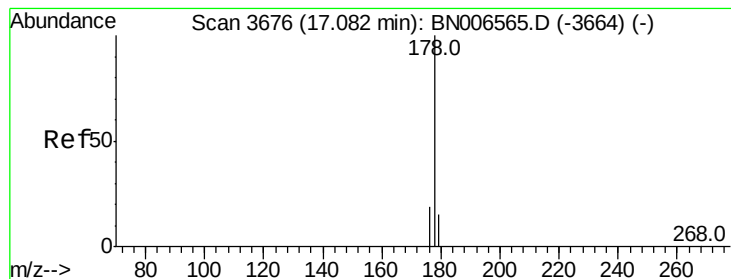
Instrument :
BNA_N
ClientSampleId :
A41Z5

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QLast Update : Tue Jun 25 07:15:41 2019
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#12

Phenanthrene

Concen: 0.042 ng/ul m

RT: 17.08 min Scan# 3676

Delta R.T. 0.00 min

Lab File: BN006573.D

Acq: 25 Jun 2019 16:50

Instrument :

BNA_N

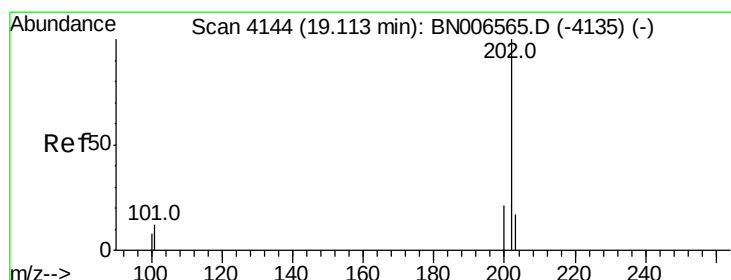
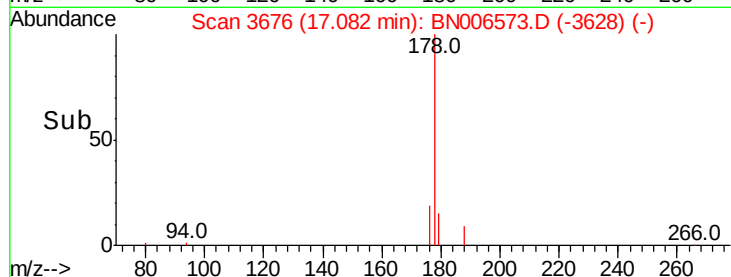
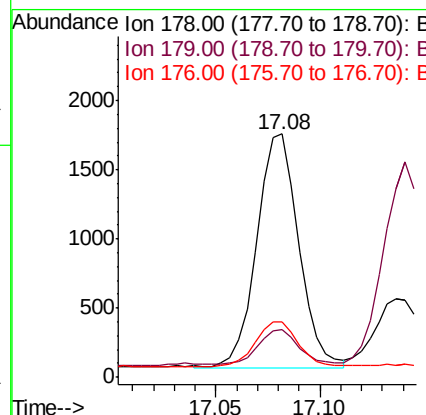
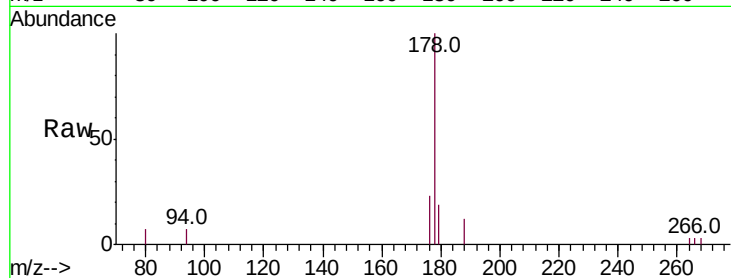
ClientSampleId :

A41Z5

Tot Ion:	178	Resp:	2355
Ion Ratio	Lower	Upper	
178	100		
179	19.5	12.3	18.5#
176	22.7	15.3	22.9

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#15

Fluoranthene

Concen: 0.101 ng/ul m

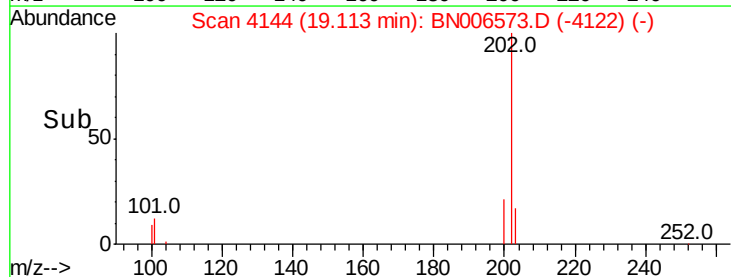
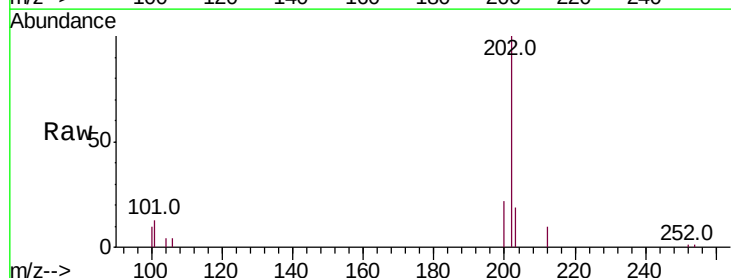
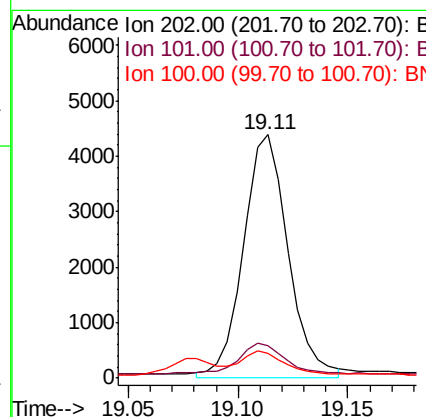
RT: 19.11 min Scan# 4144

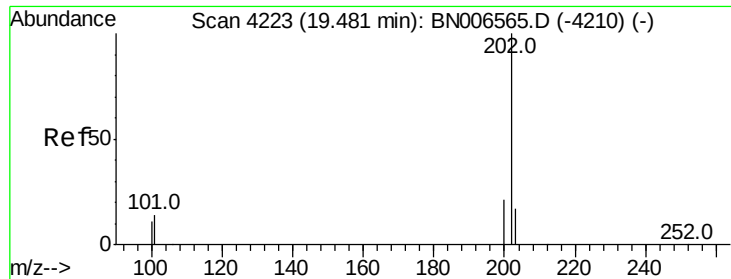
Delta R.T. 0.00 min

Lab File: BN006573.D

Acq: 25 Jun 2019 16:50

Tgt Ion:	202	Resp:	6265
Ion Ratio	Lower	Upper	
202	100		
101	13.5	0.0	32.1
100	10.2	0.0	28.7





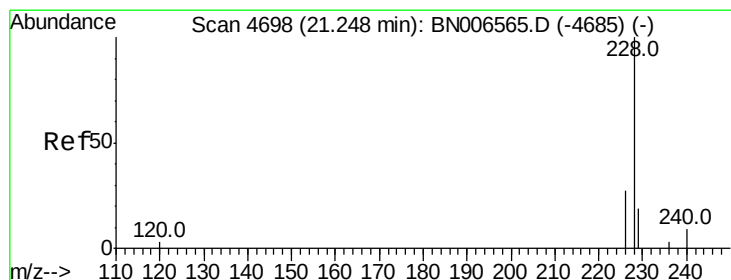
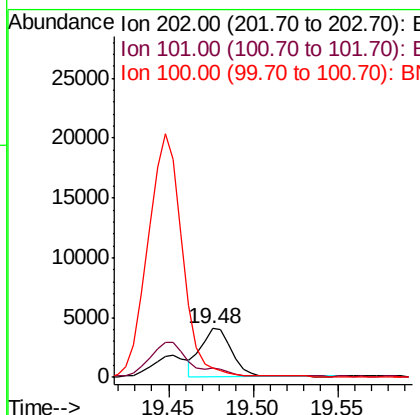
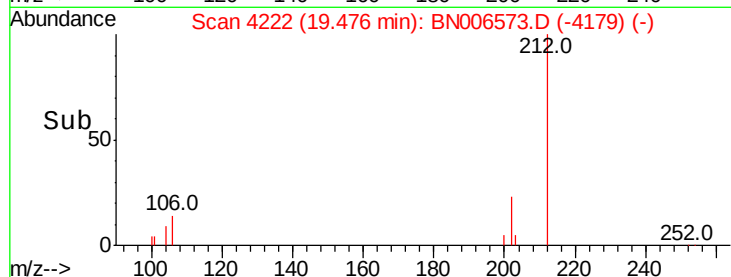
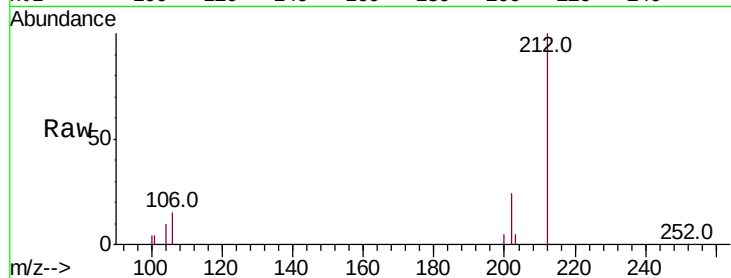
#17
Pvrene
Concen: 0.104 ng/ul
RT: 19.48 min Scan# 4222
Delta R.T. -0.00 min
Lab File: BN006573.D
Acq: 25 Jun 2019 16:50

Instrument :
BNA_N
ClientSampled :
A41Z5

Tot Ion	Ratio	Resp	Lower	Upper
202	100			
101	18.6	12.2	18.2#	
100	18.8	9.8	14.6#	

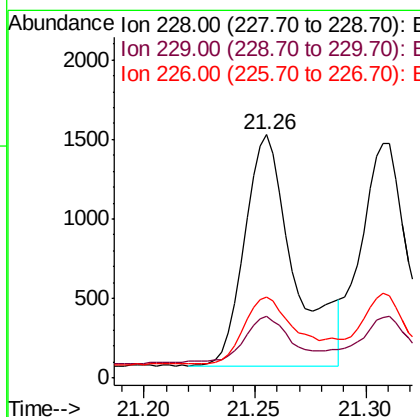
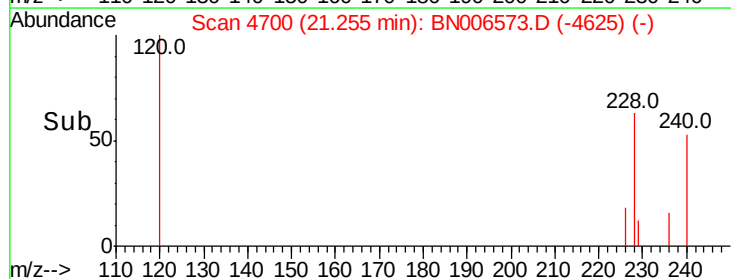
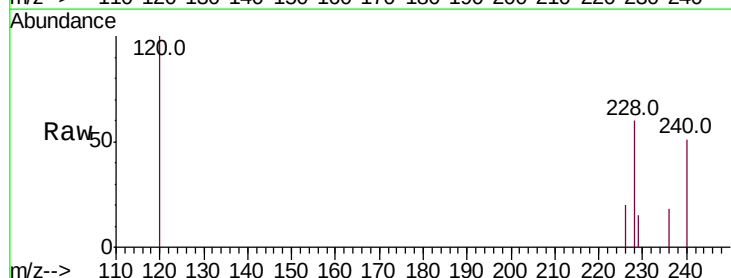
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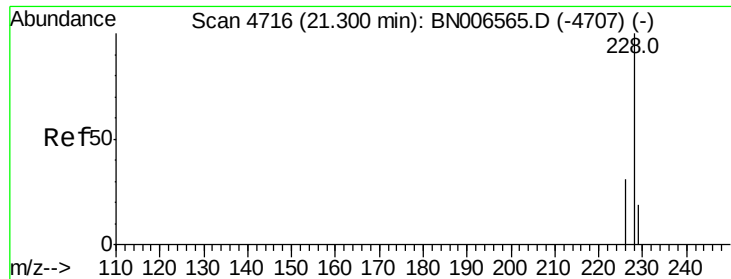
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#18
Benzo(a)anthracene
Concen: 0.056 ng/ul
RT: 21.26 min Scan# 4700
Delta R.T. 0.02 min
Lab File: BN006573.D
Acq: 25 Jun 2019 16:50

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
229	25.2	16.5	24.7#	
226	33.3	22.8	34.2	





#19

Chrysene

Concen: 0.057 ng/ul

RT: 21.31 min Scan# 4719

Delta R.T. 0.02 min

Lab File: BN006573.D

Acq: 25 Jun 2019 16:50

Instrument :

BNA_N

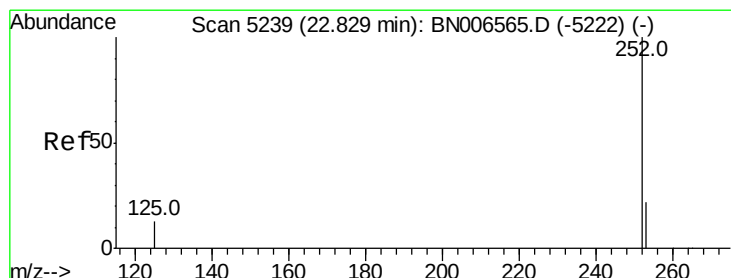
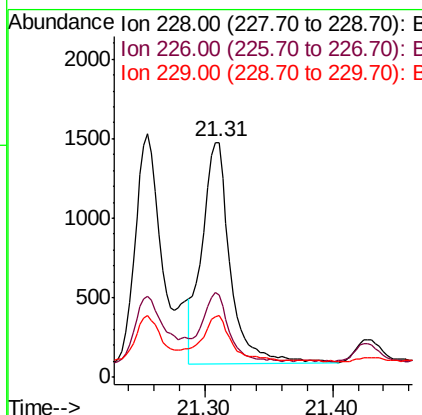
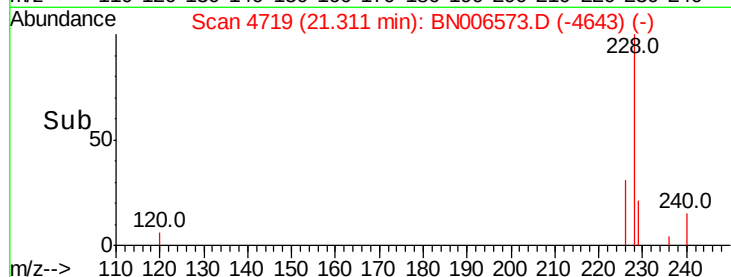
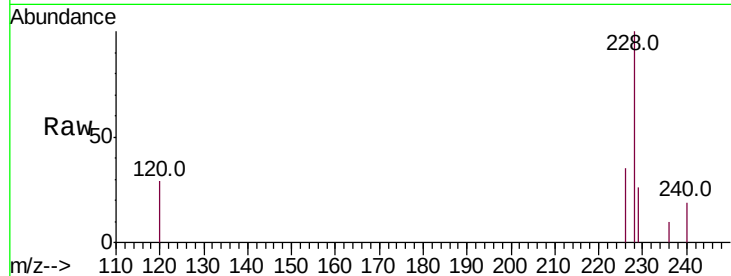
ClientSampleId :

A41Z5

Tot Ion:	228	Resp:	2168
Ion Ratio	Lower	Upper	
228	100		
226	35.3	25.0	37.6
229	26.4	16.3	24.5#

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#21

Benzo(b)fluoranthene

Concen: 0.088 ng/ul m

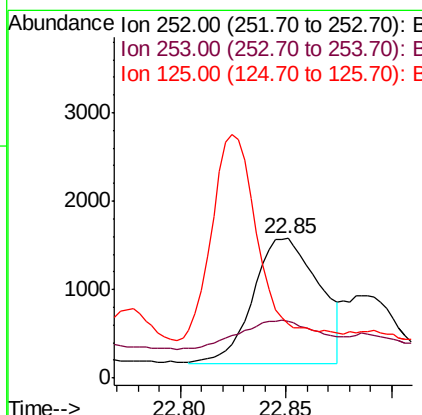
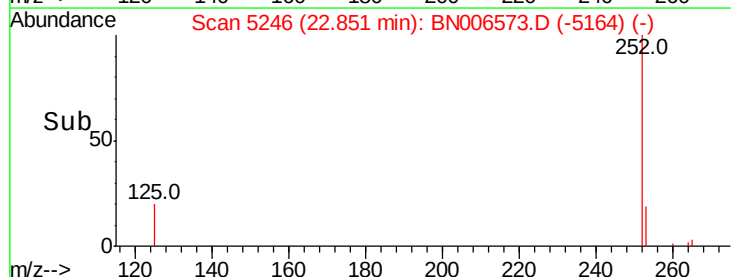
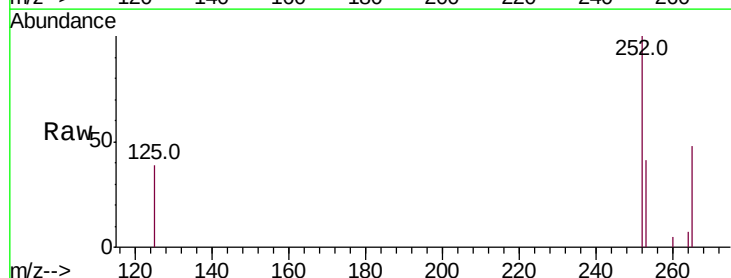
RT: 22.85 min Scan# 5246

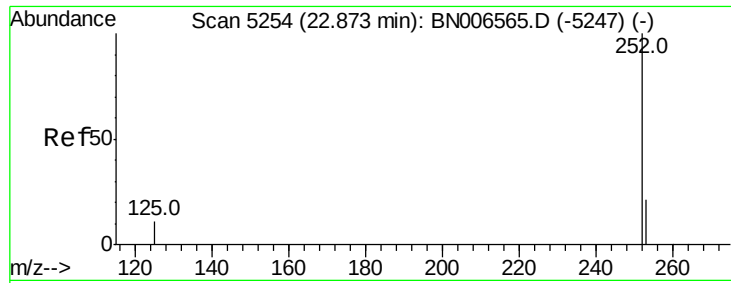
Delta R.T. 0.04 min

Lab File: BN006573.D

Acq: 25 Jun 2019 16:50

Tgt Ion:	252	Resp:	3110
Ion Ratio	Lower	Upper	
252	100		
253	40.6	0.0	51.4
125	39.0	0.0	41.0





#22

Benzo(k)fluoranthene

Concen: 0.042 ng/ul m

RT: 22.89 min Scan# 5258

Delta R.T. 0.03 min

Lab File: BN006573.D

Acq: 25 Jun 2019 16:50

Instrument :

BNA_N

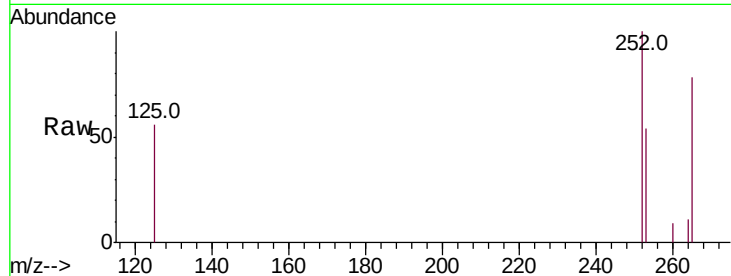
ClientSampled :

A41Z5

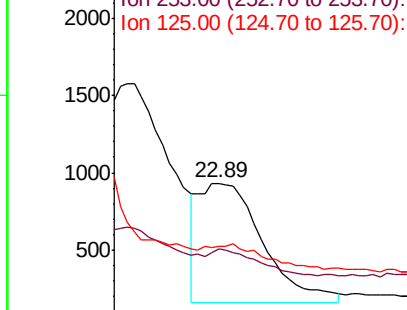
Tot Ion:	252	Resp:	1437
Ion Ratio	Lower	Upper	
252	100		
253	54.4	20.3	30.5#
125	56.2	14.3	21.5#

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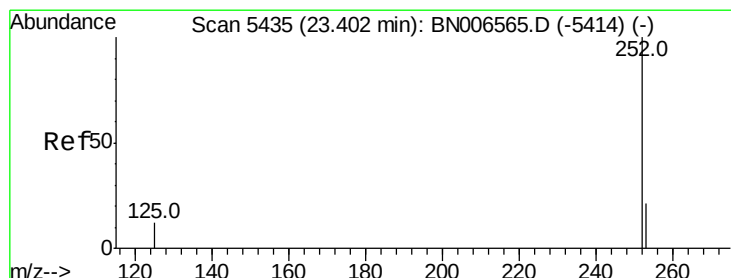
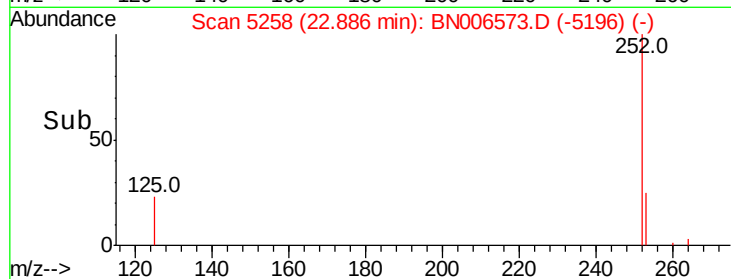
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->



#23

Benzo(a)pyrene

Concen: 0.058 ng/ul m

RT: 23.42 min Scan# 5439

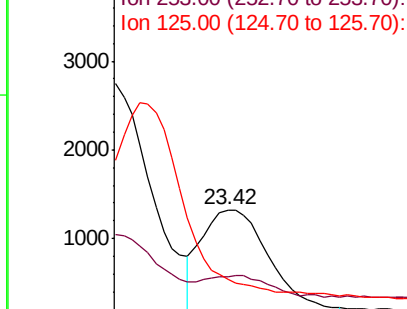
Delta R.T. 0.03 min

Lab File: BN006573.D

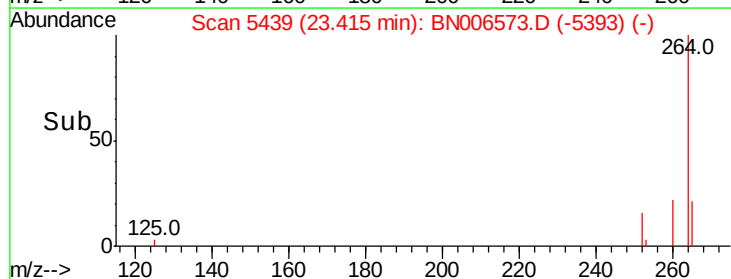
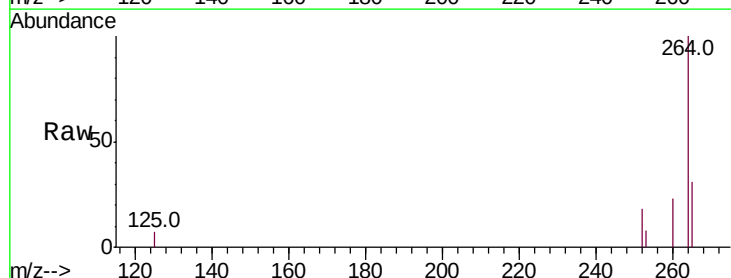
Acq: 25 Jun 2019 16:50

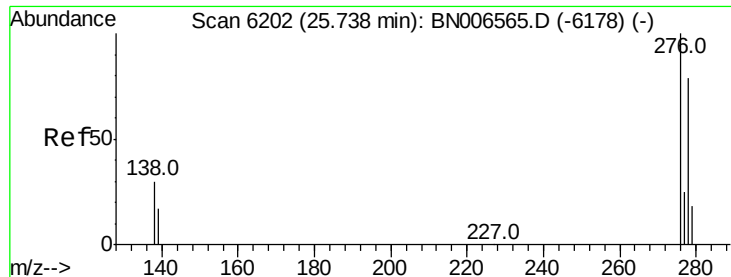
Tgt Ion:	252	Resp:	1921
Ion Ratio	Lower	Upper	
252	100		
253	43.3	21.1	31.7#
125	40.6	20.3	30.5#

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



Time-->





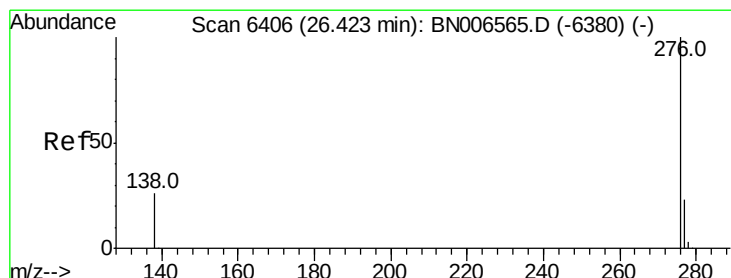
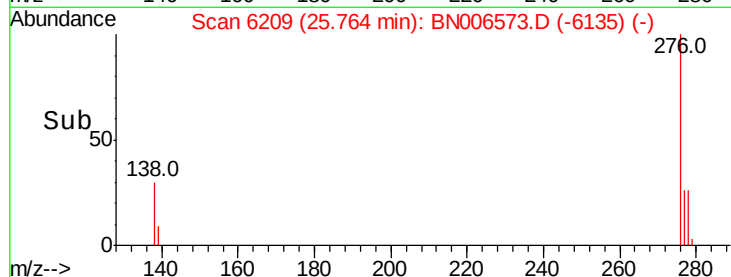
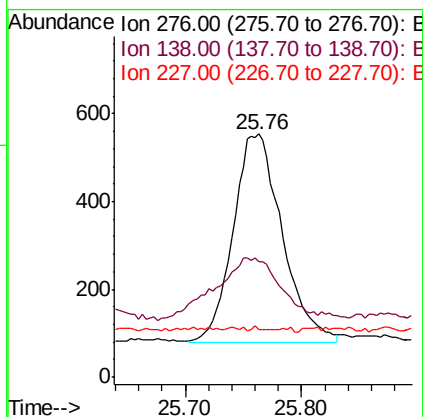
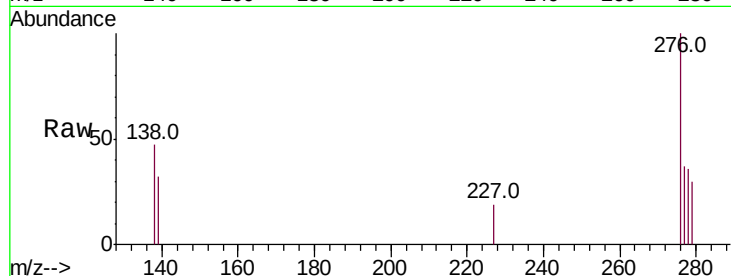
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.039 ng/ul m
 RT: 25.76 min Scan# 6209
 Delta R.T. 0.05 min
 Lab File: BN006573.D
 Acq: 25 Jun 2019 16:50

Instrument :
 BNA_N
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 A41Z5

Tot Ion	Ratio	Lower	Upper
276	100		
138	0.0	25.6	38.4#
227	0.4	0.3	0.5

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#26
 Benzo(g,h,i)perylene
 Concen: 0.039 ng/ul m
 RT: 26.44 min Scan# 6412
 Delta R.T. 0.05 min
 Lab File: BN006573.D
 Acq: 25 Jun 2019 16:50

Tgt Ion	Ratio	Lower	Upper
276	100		
138	48.9	24.2	36.4#
277	37.9	21.5	32.3#

