

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062419\
 Data File : BN006543.D
 Acq On : 24 Jun 2019 22:13
 Operator : HP/JU
 Sample : K3362-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A41T8

Manual Integrations
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Quant Time: Jun 25 03:43:55 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	7.63	152	4766	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.41	136	18097	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.28	164	9346	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.04	188	17447m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.26	240	9523m	0.40	ng/ul	-0.01
20) Perylene-d12	23.49	264	8407m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	10492	0.38	ng/ul	-0.02
14) Fluoranthene-d10	19.08	212	18086m	0.39	ng/ul	0.00
Target Compounds					Ovalue	
12) Phenanthrene	17.08	178	2025m	0.036	ng/ul	
15) Fluoranthene	19.11	202	4026m	0.065	ng/ul	
17) Pyrene	19.48	202	3135	0.062	ng/ul#	92
18) Benzo(a)anthracene	21.24	228	1609m	0.038	ng/ul	
19) Chrysene	21.30	228	2249	0.057	ng/ul	94
21) Benzo(b)fluoranthene	22.82	252	2623	0.075	ng/ul	67
22) Benzo(k)fluoranthene	22.87	252	1495m	0.044	ng/ul	
23) Benzo(a)pyrene	23.39	252	1602m	0.049	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.73	276	1668m	0.047	ng/ul	
25) Dibenzo(a,h)anthracene	25.73	278	837m	0.030	ng/ul	
26) Benzo(g,h,i)perylene	26.42	276	1367m	0.046	ng/ul	

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

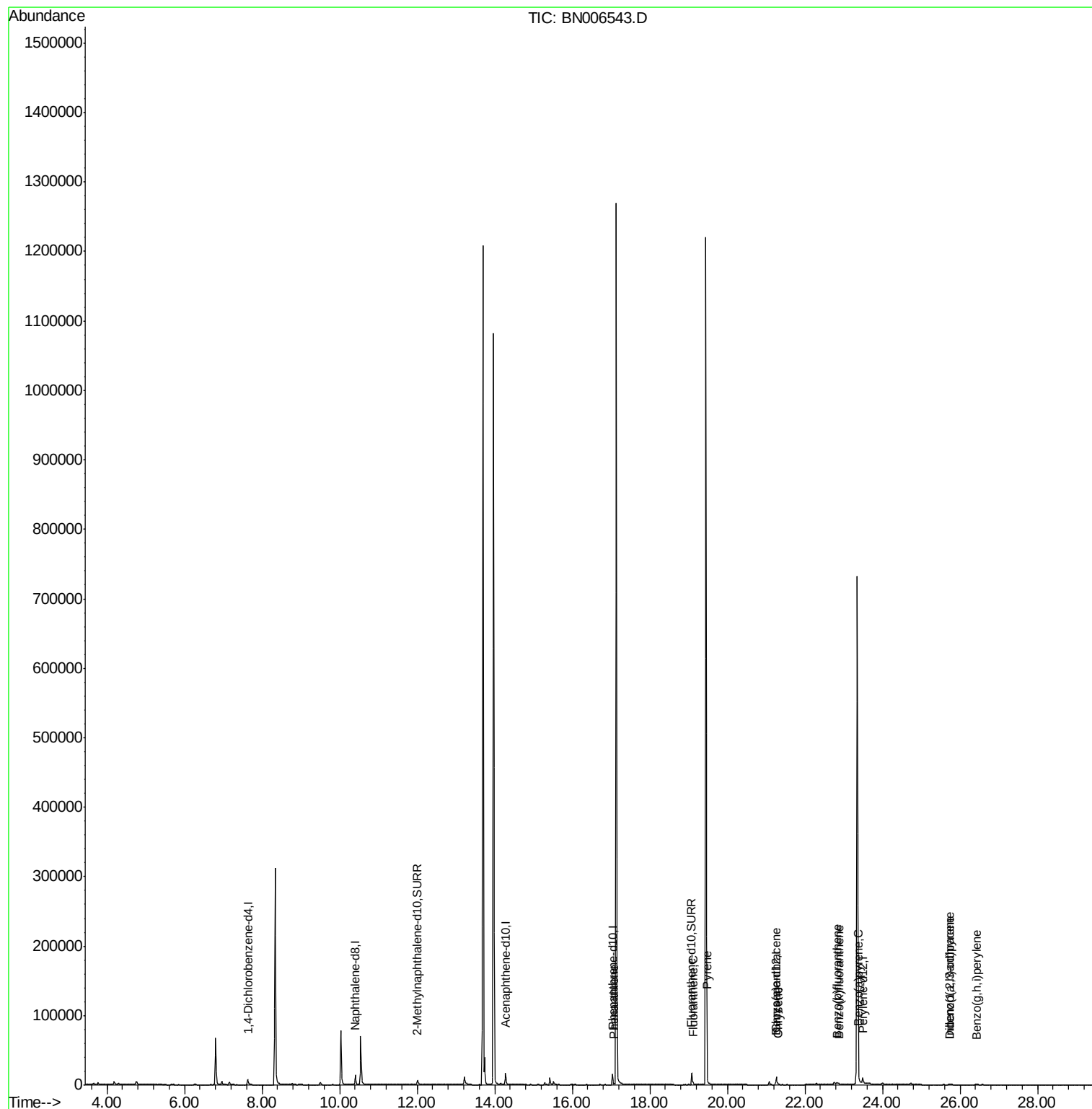
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062419\
Data File : BN006543.D
Acq On : 24 Jun 2019 22:13
Operator : HP/JU
Sample : K3362-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

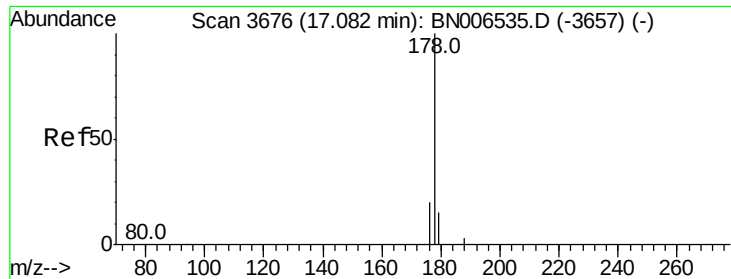
Instrument :
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QLast Update : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration





#12

Phenanthrene

Concen: 0.036 ng/ul m

RT: 17.08 min Scan# 3675

Delta R.T. -0.01 min

Lab File: BN006543.D

Acq: 24 Jun 2019 22:13

Instrument :

BNA_N

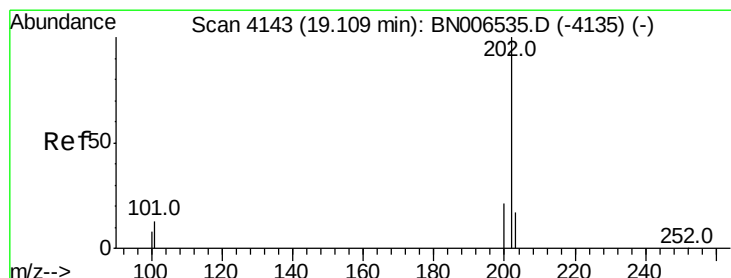
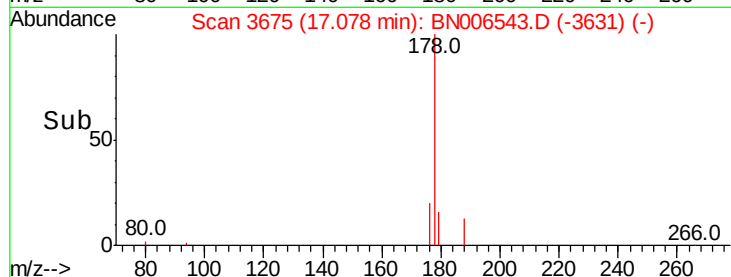
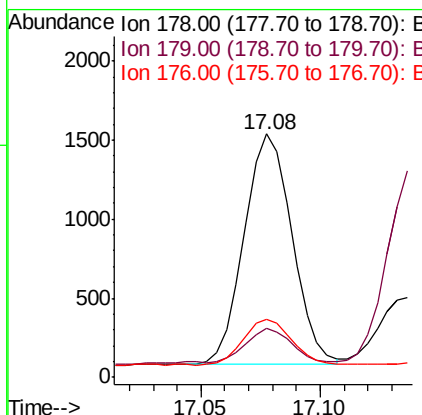
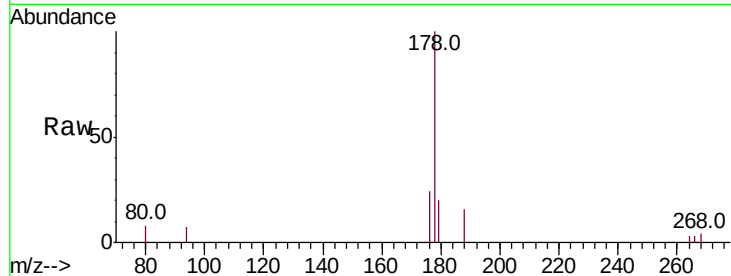
ClientSampleId :

A41T8

Tot Ion:178	Resp:	2025
Ion Ratio	Lower	Upper
178	100	
179	20.3	12.3 18.5#
176	23.8	15.3 22.9#

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#15

Fluoranthene

Concen: 0.065 ng/ul m

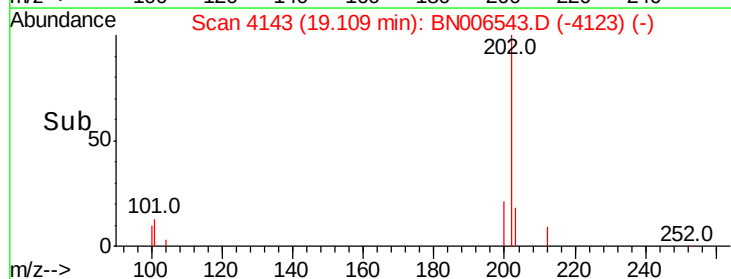
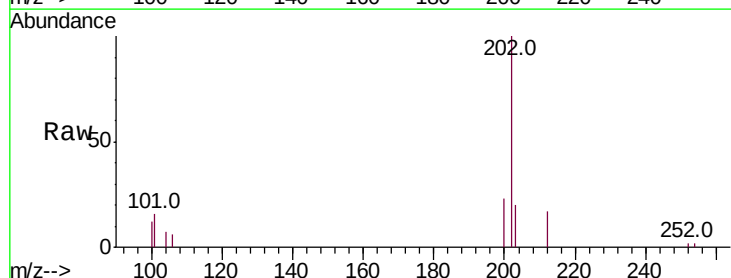
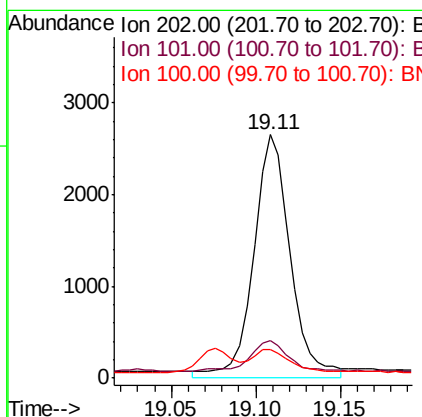
RT: 19.11 min Scan# 4143

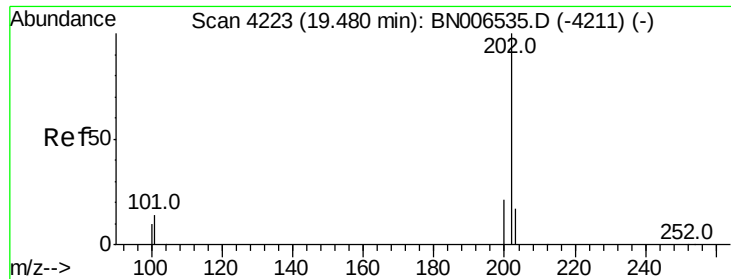
Delta R.T. -0.01 min

Lab File: BN006543.D

Acq: 24 Jun 2019 22:13

Tgt Ion:202	Resp:	4026
Ion Ratio	Lower	Upper
202	100	
101	15.6	0.0 32.1
100	11.9	0.0 28.7





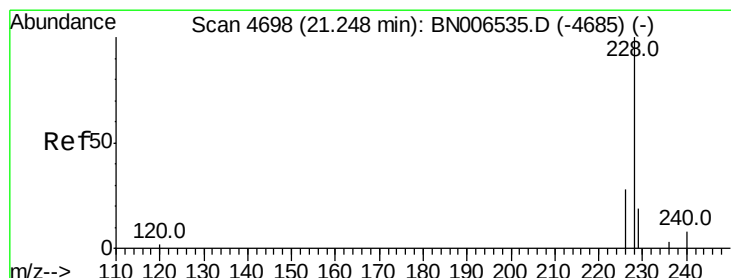
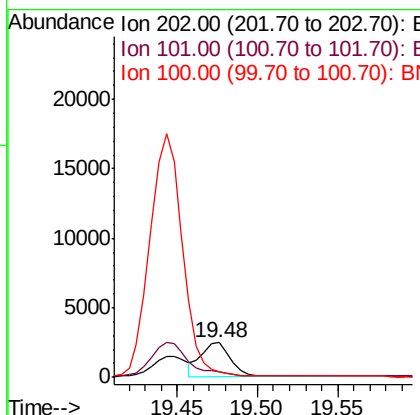
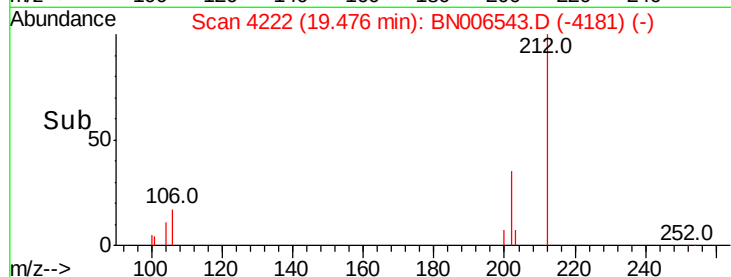
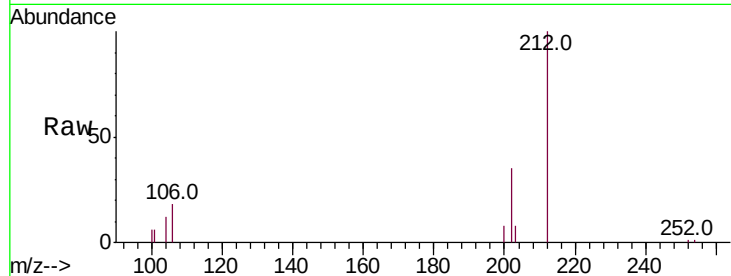
#17
Pvrene
Concen: 0.062 ng/ul
RT: 19.48 min Scan# 4222
Delta R.T. -0.01 min
Lab File: BN006543.D
Acq: 24 Jun 2019 22:13

Instrument :
BNA_N
ClientSampleId :
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Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	17.0	12.2	18.2
100	16.8	9.8	14.6

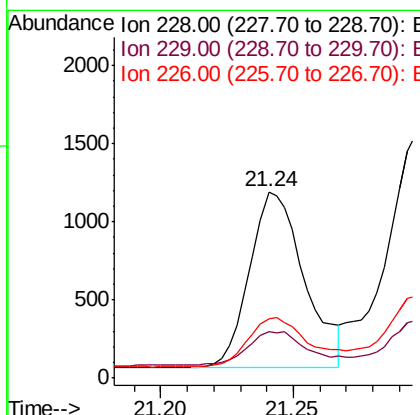
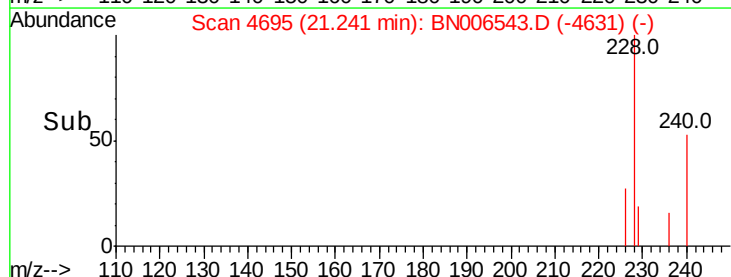
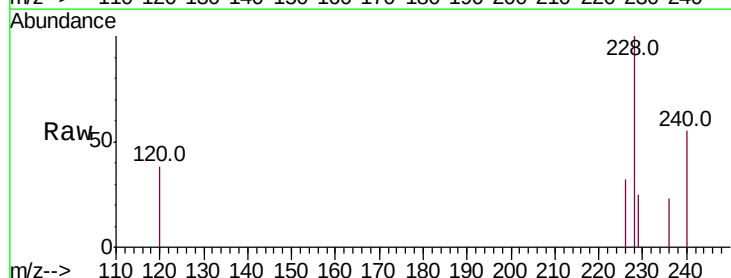
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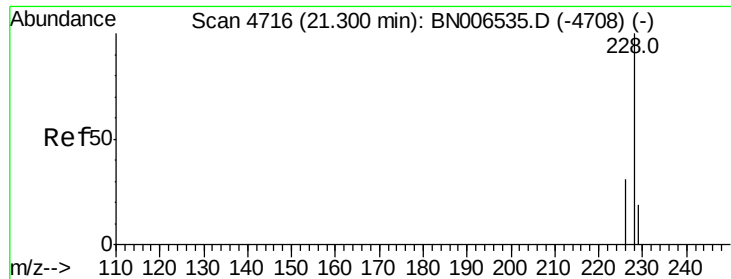
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#18
Benzo(a)anthracene
Concen: 0.038 ng/ul m
RT: 21.24 min Scan# 4695
Delta R.T. -0.01 min
Lab File: BN006543.D
Acq: 24 Jun 2019 22:13

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	25.1	16.5	24.7
226	32.0	22.8	34.2





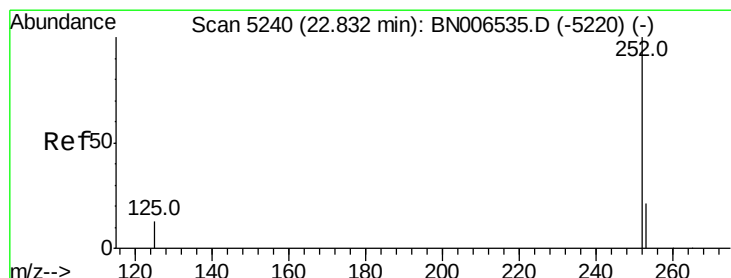
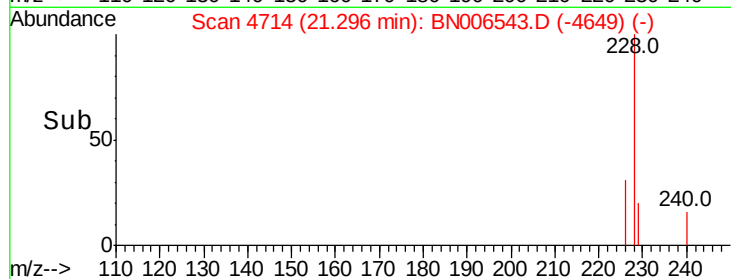
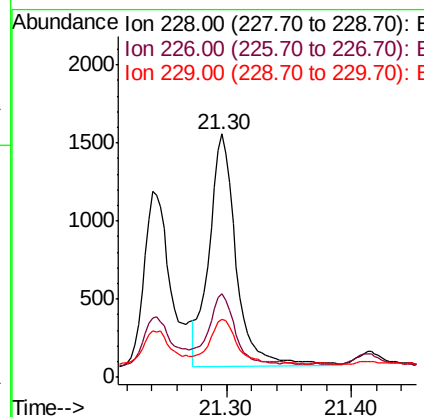
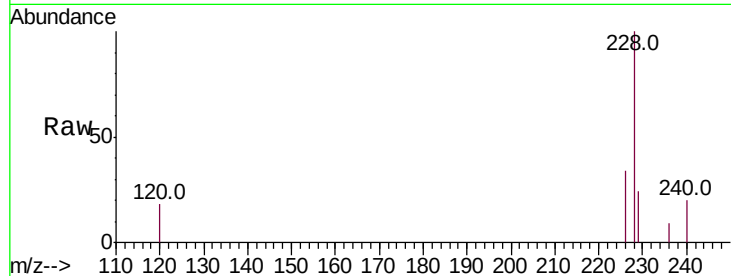
#19
Chrysene
Concen: 0.057 ng/ul
RT: 21.30 min Scan# 4714
Delta R.T. -0.01 min
Lab File: BN006543.D
Acq: 24 Jun 2019 22:13

Instrument :
BNA_N
ClientSampleId :
A41T8

Tot Ion	Ratio	Lower	Upper
228	100		
226	34.1	25.0	37.6
229	24.0	16.3	24.5

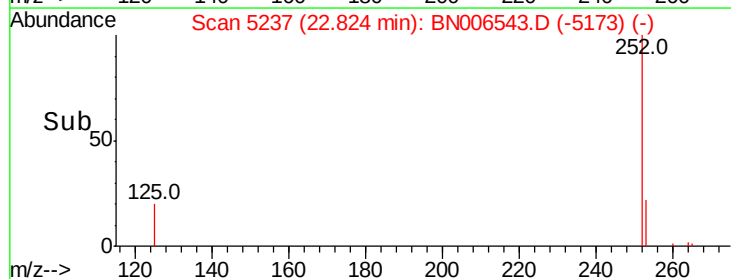
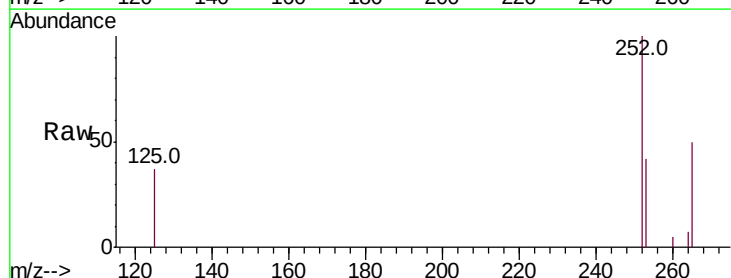
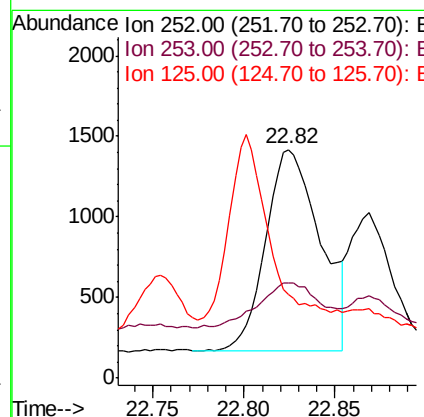
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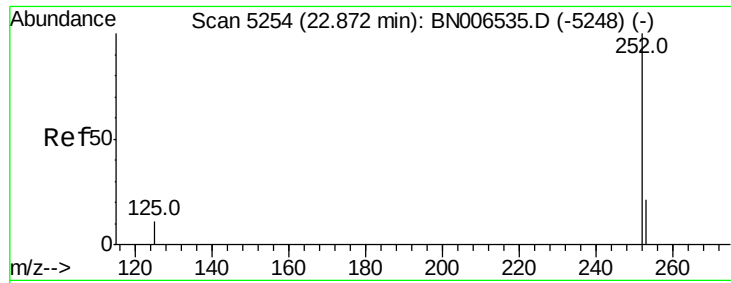
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#21
Benzo(b)fluoranthene
Concen: 0.075 ng/ul
RT: 22.82 min Scan# 5237
Delta R.T. -0.01 min
Lab File: BN006543.D
Acq: 24 Jun 2019 22:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	41.6	0.0	51.4
125	36.6	0.0	41.0





#22

Benzo(k)fluoranthene

Concen: 0.044 ng/ul m

RT: 22.87 min Scan# 5252

Delta R.T. -0.01 min

Lab File: BN006543.D

Acq: 24 Jun 2019 22:13

Instrument :

BNA_N

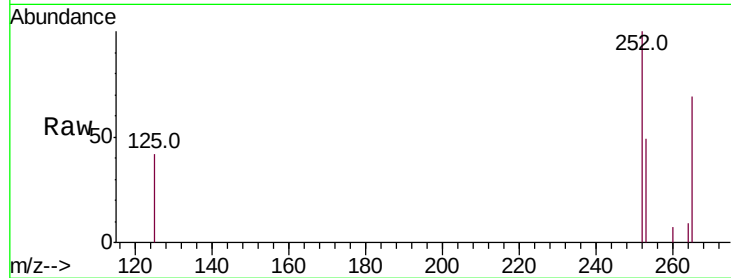
ClientSampled :

A41T8

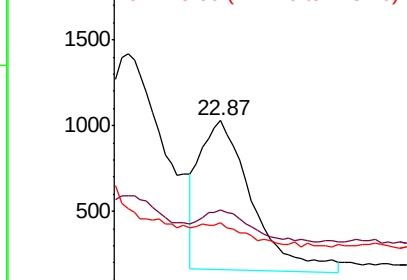
Tot Ion:	252	Resp:	1495
Ion Ratio	Lower	Upper	
252	100		
253	49.4	20.3	30.5#
125	42.2	14.3	21.5#

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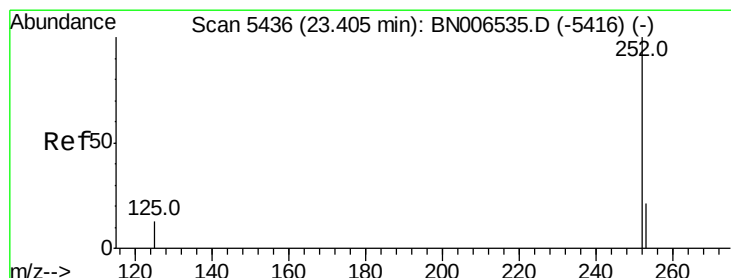
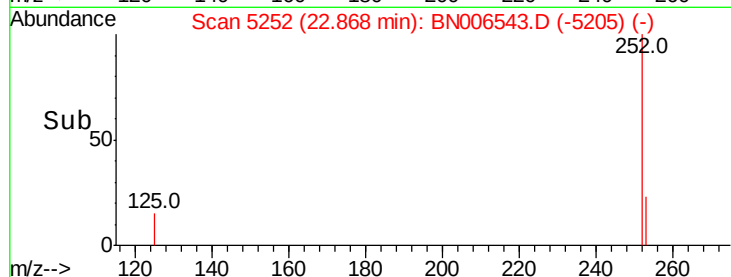
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->



#23

Benzo(a)pyrene

Concen: 0.049 ng/ul m

RT: 23.39 min Scan# 5431

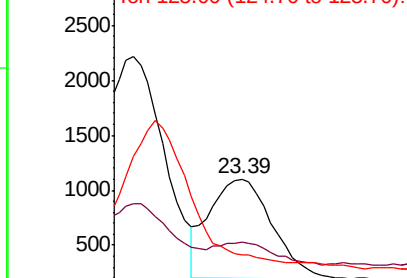
Delta R.T. -0.02 min

Lab File: BN006543.D

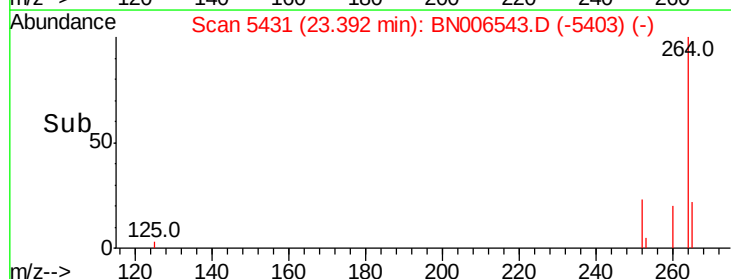
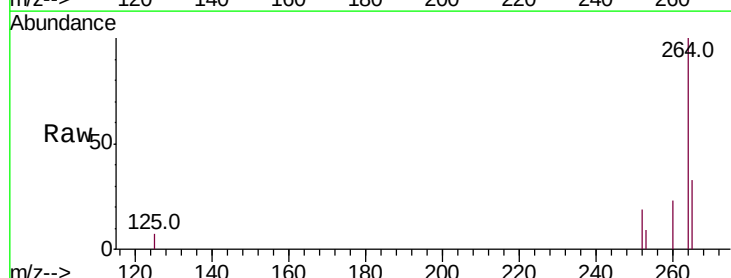
Acq: 24 Jun 2019 22:13

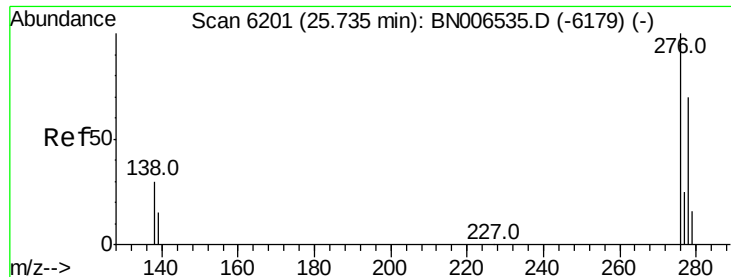
Tgt Ion:	252	Resp:	1602
Ion Ratio	Lower	Upper	
252	100		
253	47.9	21.1	31.7#
125	37.9	20.3	30.5#

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: 0.047 ng/ul m

RT: 25.73 min Scan# 6199

Delta R.T. -0.02 min

Lab File: BN006543.D

Acq: 24 Jun 2019 22:13

Instrument :

BNA_N

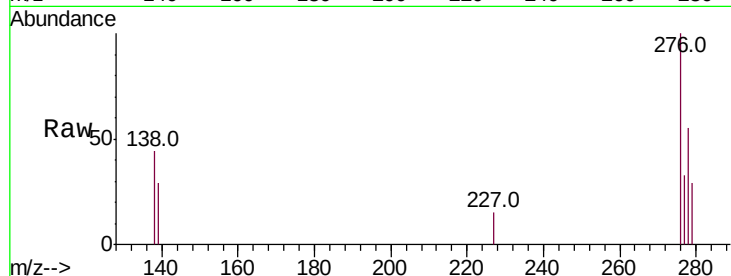
ClientSampleId :

A41T8

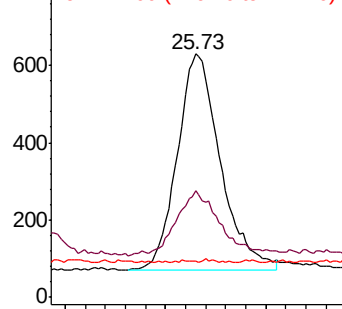
Tot Ion:	276	Resp:	1668
Ion Ratio	Lower	Upper	
276	100		
138	23.9	25.6	38.4#
227	0.3	0.3	0.5#

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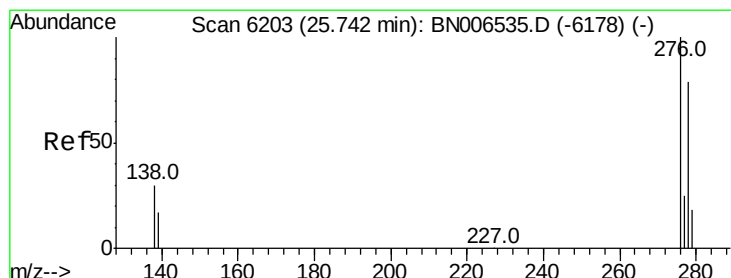
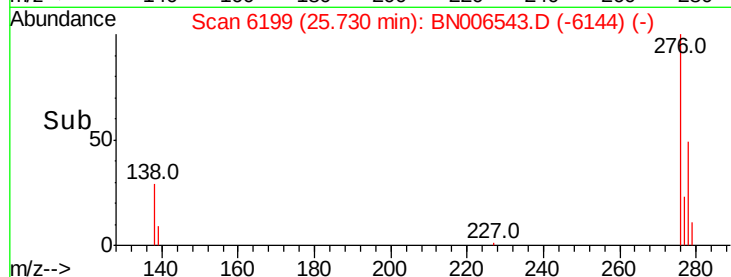
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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



Time--> 25.60 25.70 25.80



#25

Dibenzo(a,h)anthracene

Concen: 0.030 ng/ul m

RT: 25.73 min Scan# 6200

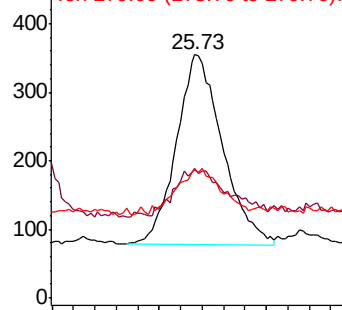
Delta R.T. -0.02 min

Lab File: BN006543.D

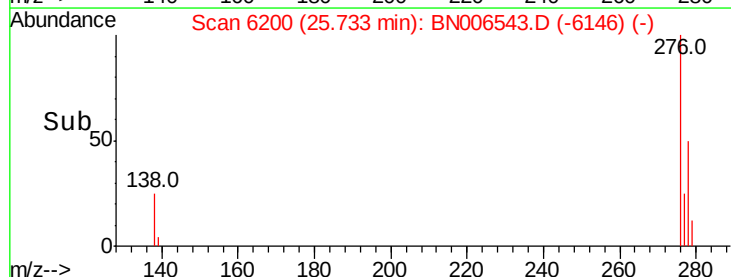
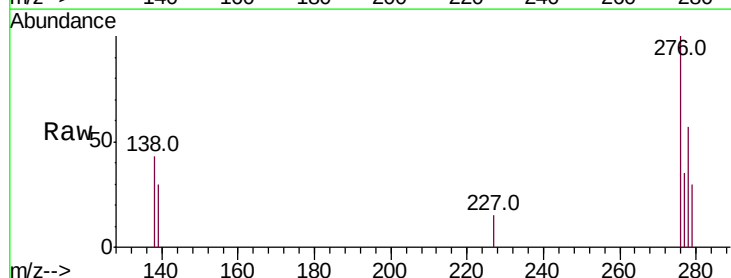
Acq: 24 Jun 2019 22:13

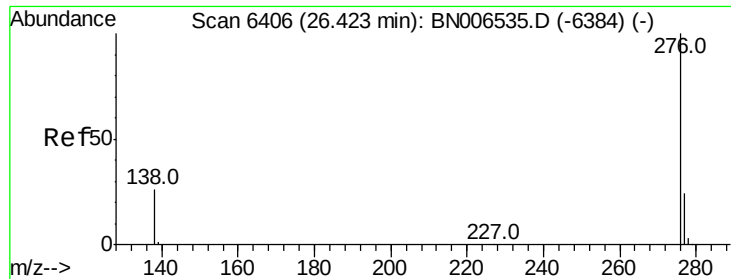
Tgt Ion:	278	Resp:	837
Ion Ratio	Lower	Upper	
278	100		
139	53.2	21.2	31.8#
279	52.7	22.6	33.8#

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



Time--> 25.60 25.70 25.80





#26
 Benzo(a,h,i)perylene
 Concen: 0.046 ng/ul m
 RT: 26.42 min Scan# 6404
 Delta R.T. -0.01 min
 Lab File: BN006543.D
 Acq: 24 Jun 2019 22:13

Instrument :
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 A41T8

Tot Ion	Ratio	Lower	Upper
276	100		
138	44.5	24.2	36.4#
277	36.9	21.5	32.3#

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