

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062219\
 Data File : BN006515.D
 Acq On : 23 Jun 2019 07:53
 Operator : HP/JU
 Sample : K3360-03
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A41Y4

Manual Integrations
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mohammad
 6/25/2019 8:45:30 AM

Quant Time: Jun 24 09:04:07 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	5092	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.41	136	19613	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.28	164	10662	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	20696m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.26	240	12049m	0.40	ng/ul	-0.01
20) Perylene-d12	23.48	264	9820m	0.40	ng/ul	-0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	8969	0.30	ng/ul	-0.02
14) Fluoranthene-d10	19.08	212	18879m	0.34	ng/ul	-0.01
Target Compounds				Qvalue		
12) Phenanthrene	17.08	178	5420	0.082	ng/ul	95
13) Anthracene	17.17	178	1438m	0.023	ng/ul	
15) Fluoranthene	19.11	202	18258m	0.249	ng/ul	
17) Pyrene	19.47	202	18797	0.296	ng/ul	96
18) Benzo(a)anthracene	21.24	228	7216	0.135	ng/ul	97
19) Chrysene	21.29	228	7887	0.158	ng/ul	95
21) Benzo(b)fluoranthene	22.82	252	9282m	0.227	ng/ul	
22) Benzo(k)fluoranthene	22.86	252	3856m	0.097	ng/ul	
23) Benzo(a)pyrene	23.38	252	6147m	0.161	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.72	276	4272m	0.103	ng/ul	
25) Dibenzo(a,h)anthracene	25.72	278	1107m	0.034	ng/ul	
26) Benzo(g,h,i)perylene	26.40	276	3572m	0.103	ng/ul	

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

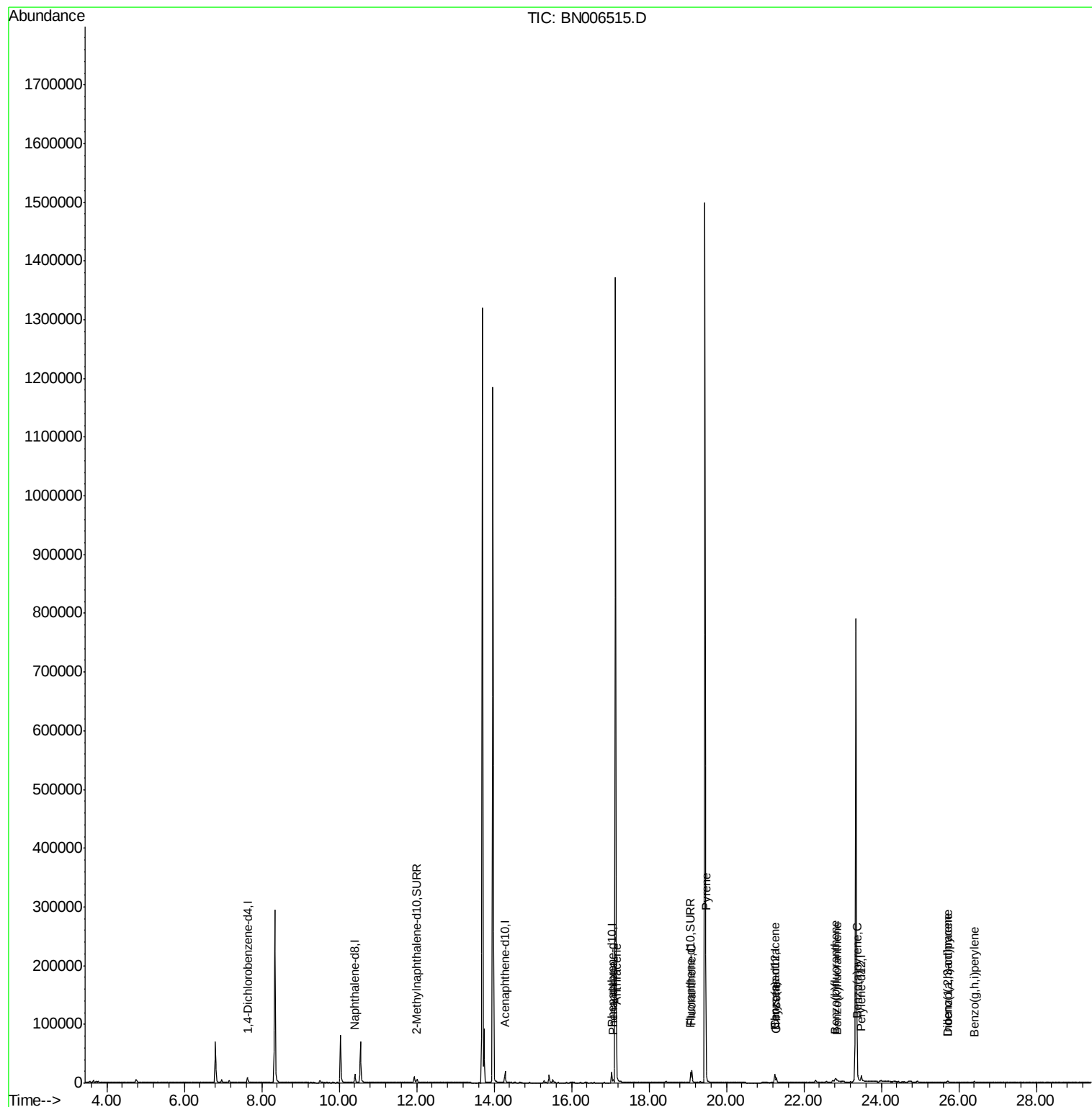
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062219\
Data File : BN006515.D
Acq On : 23 Jun 2019 07:53
Operator : HP/JU
Sample : K3360-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

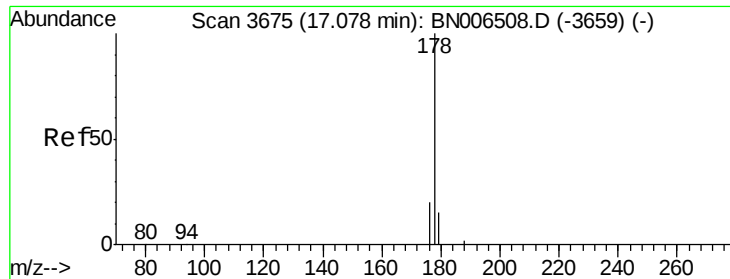
Instrument :
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#12

Phenanthrene

Concen: 0.082 ng/ul

RT: 17.08 min Scan# 3675

Delta R.T. -0.01 min

Lab File: BN006515.D

Acq: 23 Jun 2019 07:53

Instrument :

BNA_N

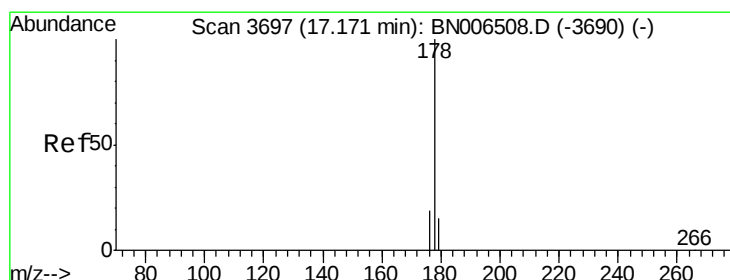
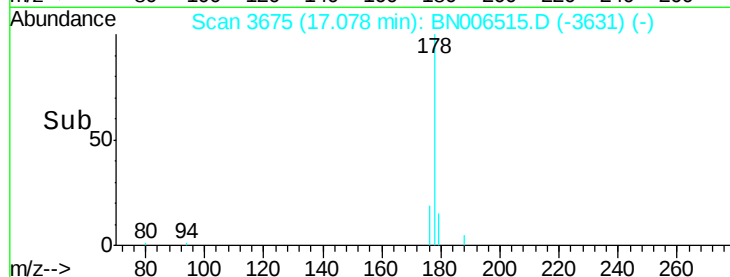
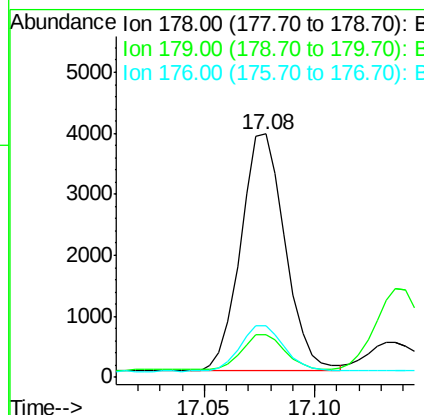
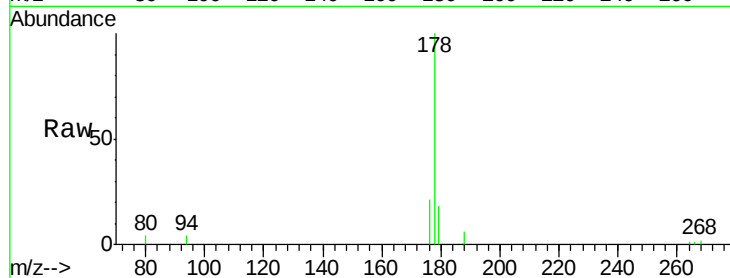
ClientSampled :

A41Y4

Tgt Ion:	178	Resp:	5420
Ion Ratio	Lower	Upper	
178	100		
179	17.7	12.3	18.5
176	21.4	15.3	22.9

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#13

Anthracene

Concen: 0.023 ng/ul m

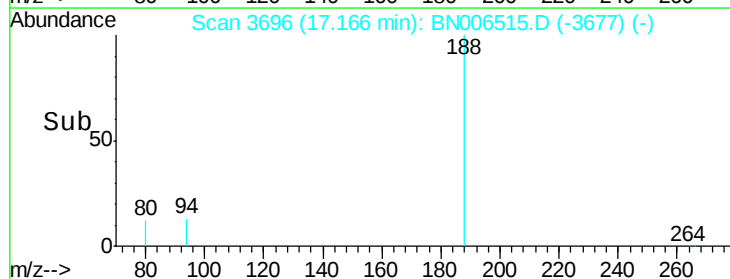
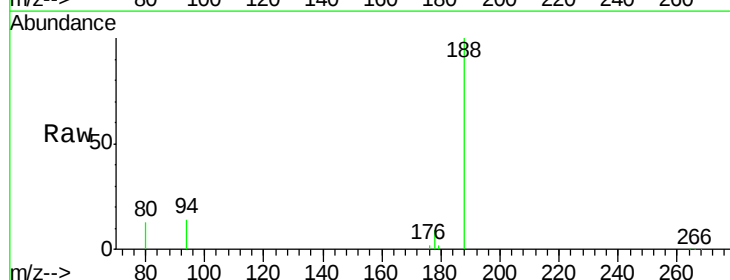
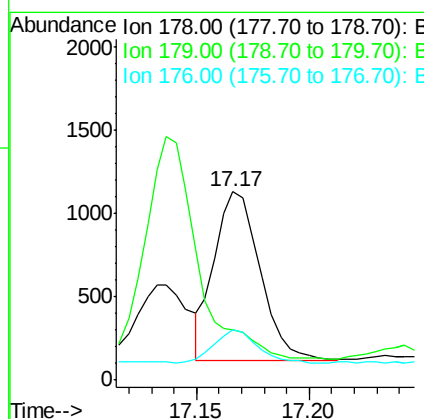
RT: 17.17 min Scan# 3696

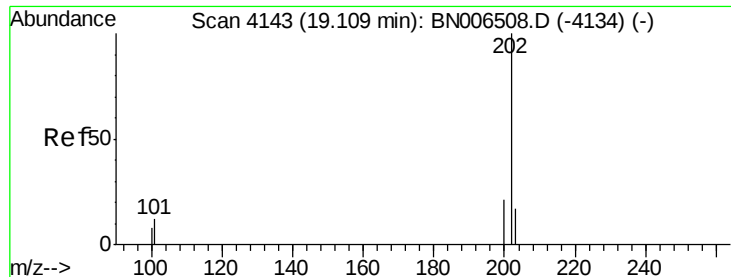
Delta R.T. -0.02 min

Lab File: BN006515.D

Acq: 23 Jun 2019 07:53

Tgt Ion:	178	Resp:	1438
Ion Ratio	Lower	Upper	
178	100		
179	26.6	12.2	18.4#
176	26.6	15.1	22.7#





#15

Fluoranthene

Concen: 0.249 ng/ul m

RT: 19.11 min Scan# 4143

Delta R.T. -0.01 min

Lab File: BN006515.D

Acq: 23 Jun 2019 07:53

Instrument :

BNA_N

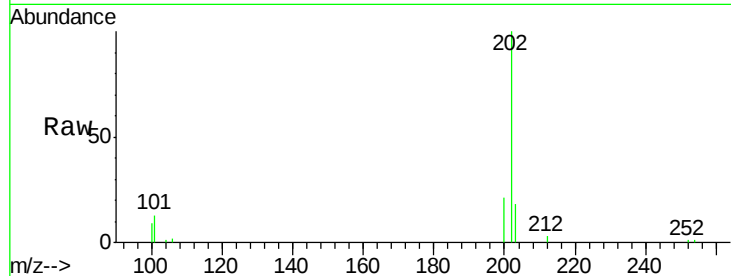
ClientSampleId :

A41Y4

Tgt Ion:	202	Resp:	18258
Ion Ratio	Lower	Upper	
202	100		
101	12.7	0.0	32.1
100	9.3	0.0	28.7

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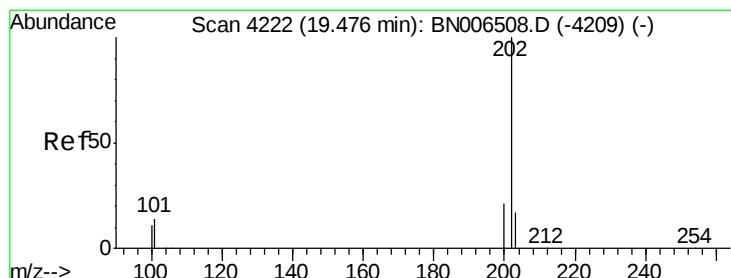
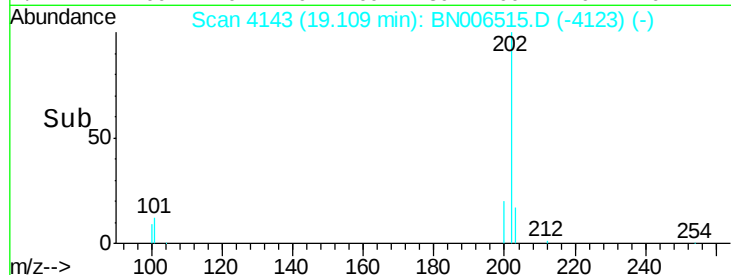
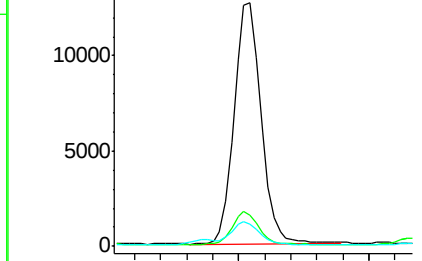
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#17

Pyrene

Concen: 0.296 ng/ul

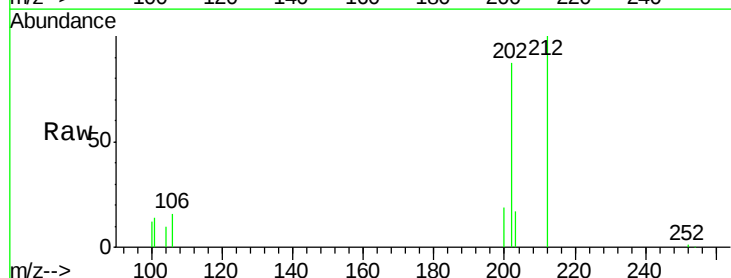
RT: 19.47 min Scan# 4221

Delta R.T. -0.01 min

Lab File: BN006515.D

Acq: 23 Jun 2019 07:53

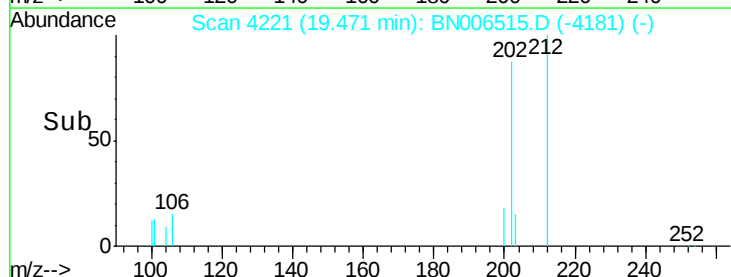
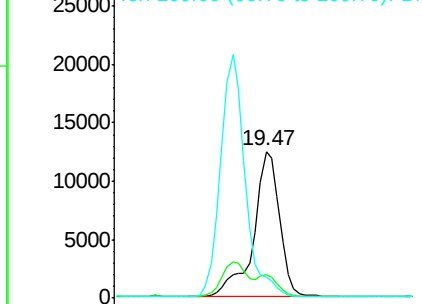
Tgt Ion:	202	Resp:	18797
Ion Ratio	Lower	Upper	
202	100		
101	16.3	12.2	18.2
100	14.1	9.8	14.6

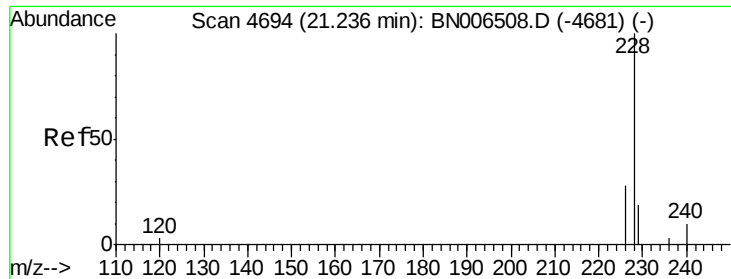


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





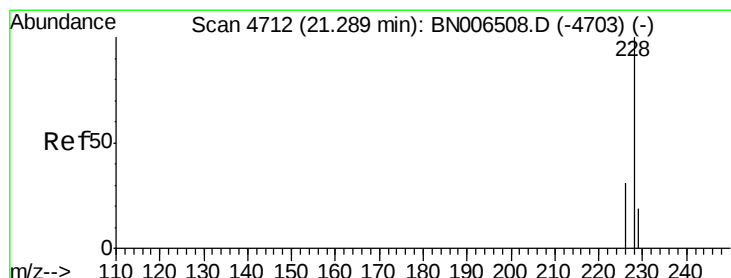
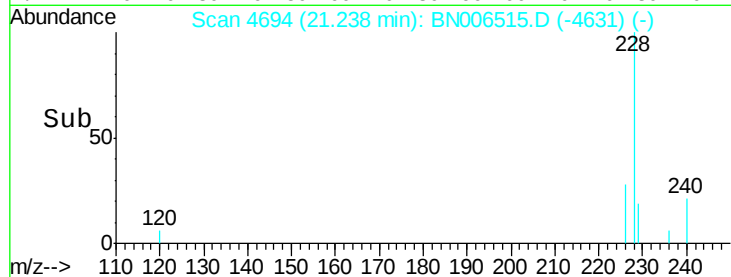
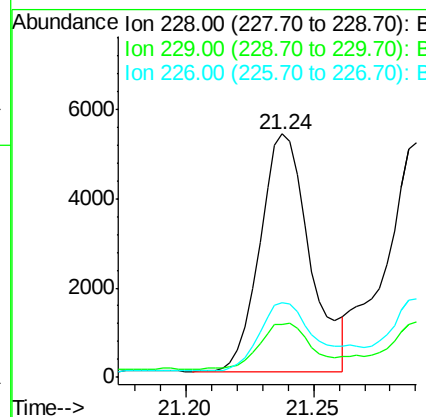
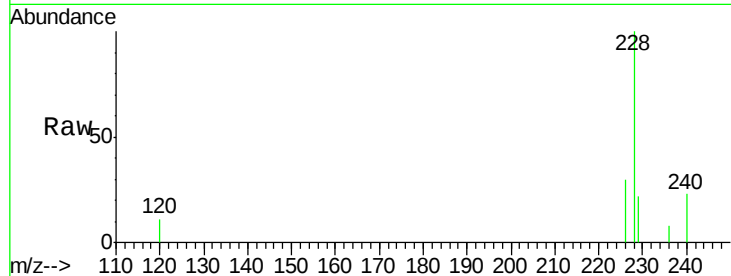
#18
Benzo(a)anthracene
Concen: 0.135 ng/ul
RT: 21.24 min Scan# 4694
Delta R.T. -0.02 min
Lab File: BN006515.D
Acq: 23 Jun 2019 07:53

Instrument :
BNA_N
ClientSampleId :
A41Y4

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.9	16.5	24.7
226	30.5	22.8	34.2

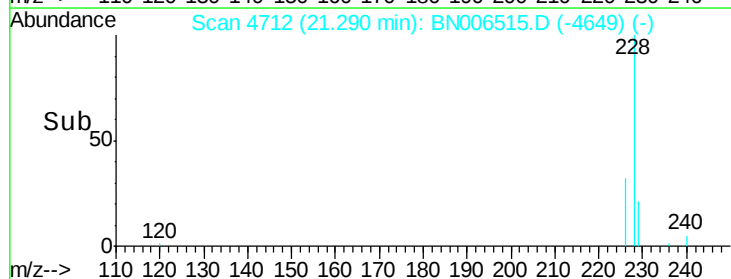
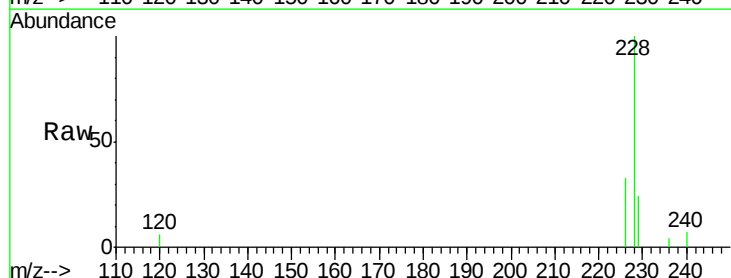
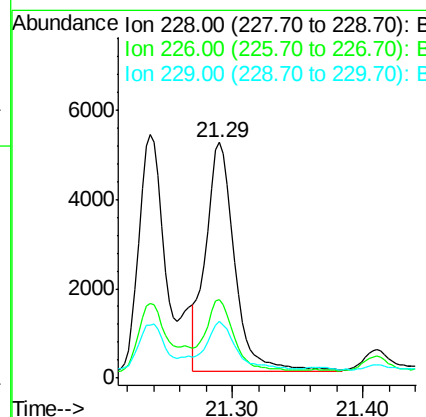
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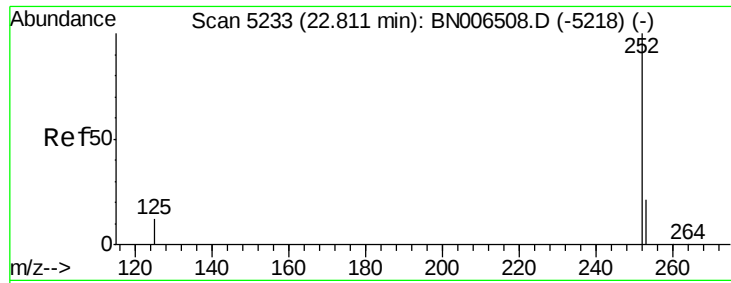
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#19
Chrysene
Concen: 0.158 ng/ul
RT: 21.29 min Scan# 4712
Delta R.T. -0.02 min
Lab File: BN006515.D
Acq: 23 Jun 2019 07:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.4	25.0	37.6
229	23.8	16.3	24.5





#21

Benzo(b)fluoranthene

Concen: 0.227 ng/ul m

RT: 22.82 min Scan# 5235

Delta R.T. -0.02 min

Lab File: BN006515.D

Acq: 23 Jun 2019 07:53

Instrument :

BNA_N

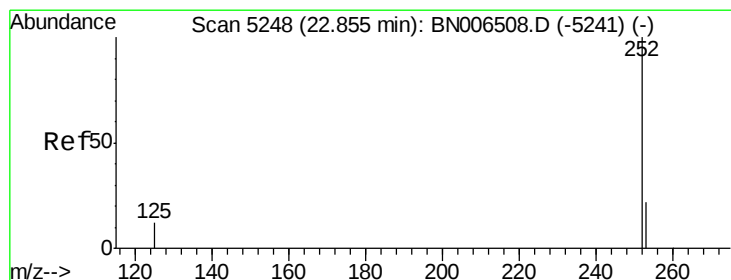
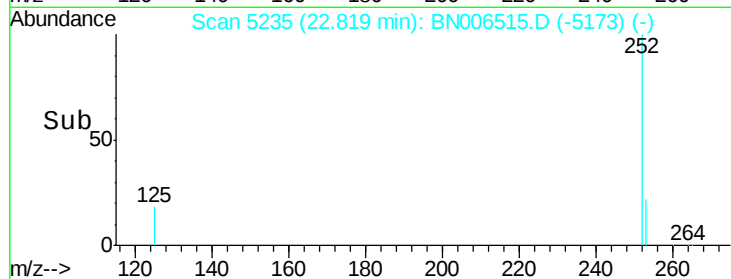
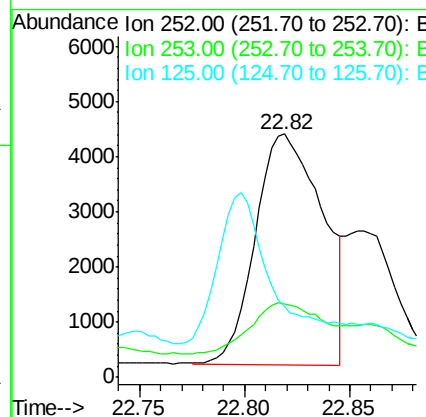
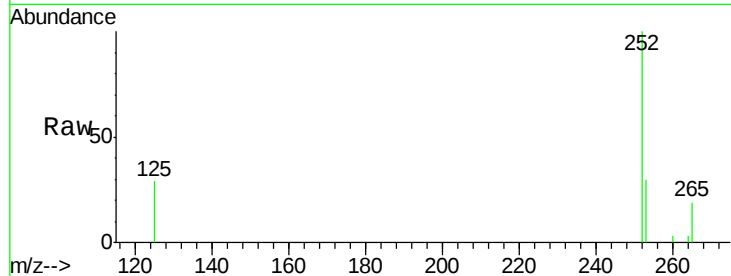
ClientSampleId :

A41Y4

Tgt Ion:	252	Resp:	9282
Ion Ratio	Lower	Upper	
252	100		
253	29.9	0.0	51.4
125	29.0	0.0	41.0

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#22

Benzo(k)fluoranthene

Concen: 0.097 ng/ul m

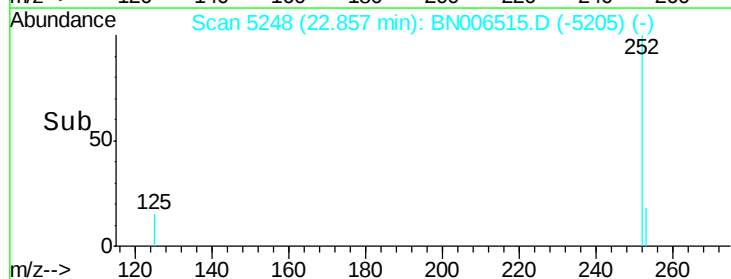
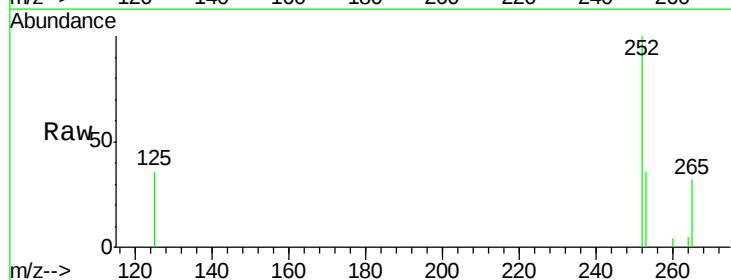
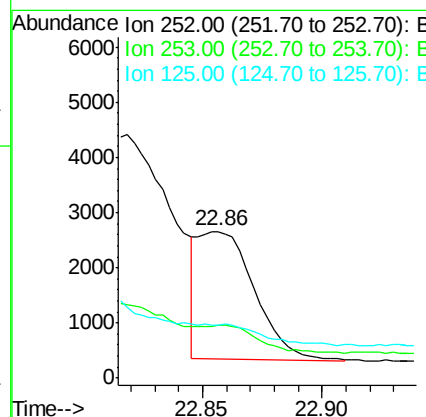
RT: 22.86 min Scan# 5248

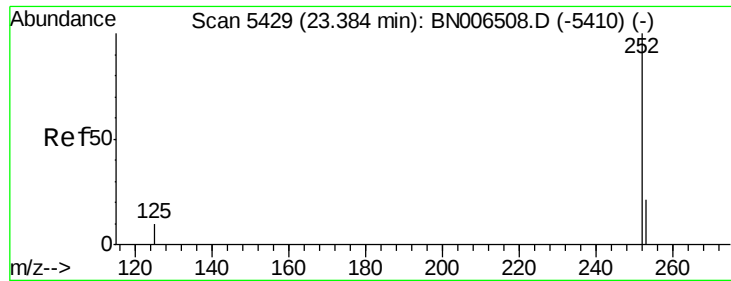
Delta R.T. -0.02 min

Lab File: BN006515.D

Acq: 23 Jun 2019 07:53

Tgt Ion:	252	Resp:	3856
Ion Ratio	Lower	Upper	
252	100		
253	36.3	20.3	30.5#
125	36.2	14.3	21.5#





#23

Benzo(a)pyrene

Concen: 0.161 ng/ul m

RT: 23.38 min Scan# 5428

Delta R.T. -0.03 min

Lab File: BN006515.D

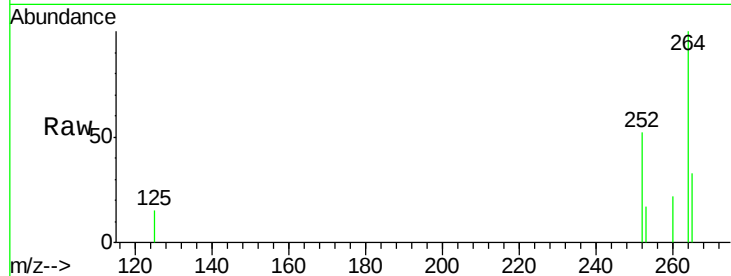
Acq: 23 Jun 2019 07:53

Instrument :

BNA_N

ClientSampleId :

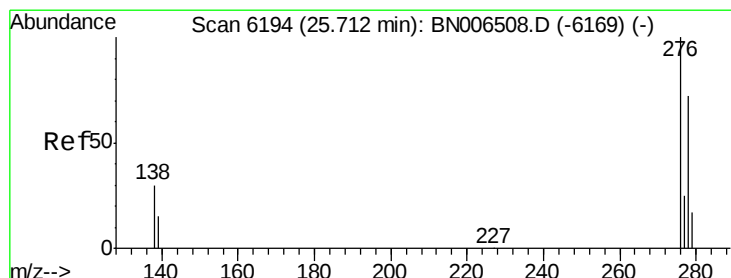
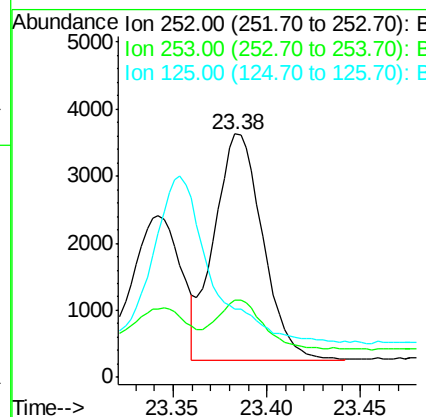
A41Y4



Tgt Ion	Ratio	Lower	Upper
252	100		
253	31.5	21.1	31.7
125	28.2	20.3	30.5

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.103 ng/ul m

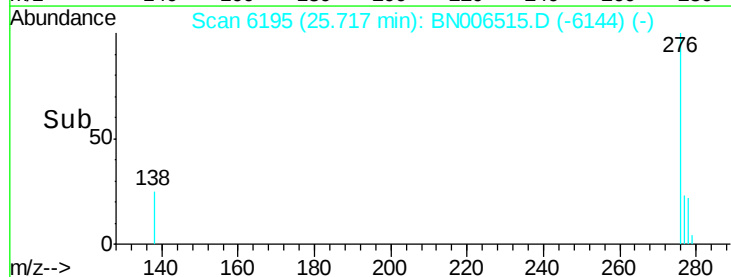
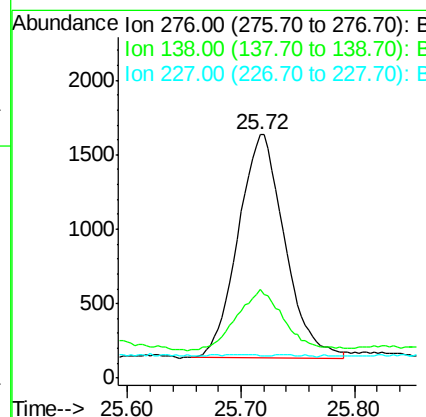
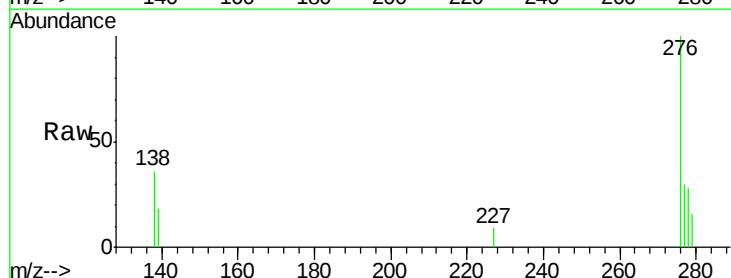
RT: 25.72 min Scan# 6195

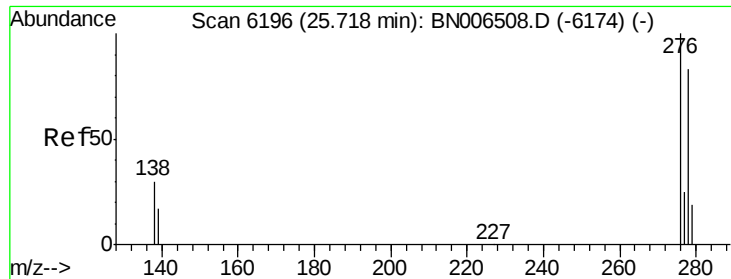
Delta R.T. -0.03 min

Lab File: BN006515.D

Acq: 23 Jun 2019 07:53

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.3	25.6	38.4#
227	0.3	0.3	0.5#





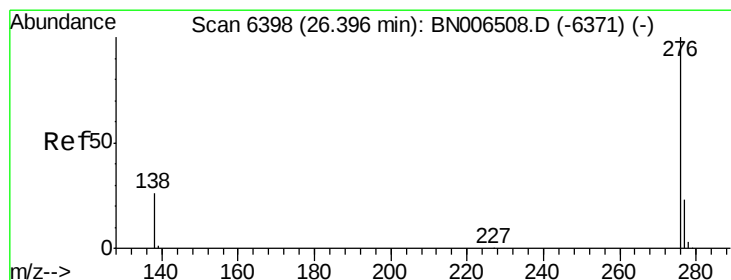
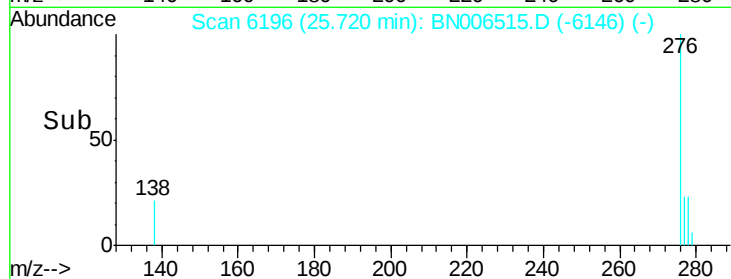
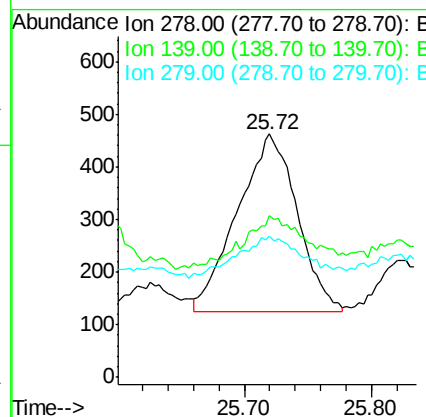
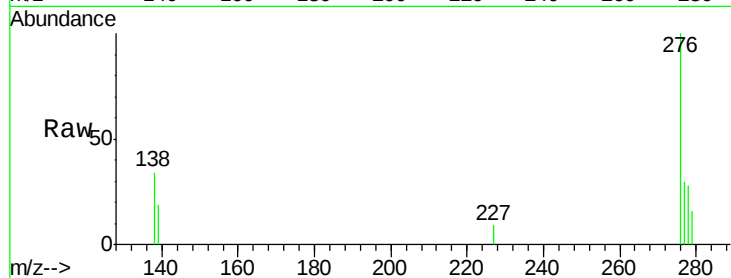
#25
Dibenzo(a,h)anthracene
Concen: 0.034 ng/ul m
RT: 25.72 min Scan# 6196
Delta R.T. -0.03 min
Lab File: BN006515.D
Acq: 23 Jun 2019 07:53

Instrument :
BNA_N
ClientSampleId :
A41Y4

Tgt Ion	Ratio	Lower	Upper
278	100		
139	66.3	21.2	31.8#
279	58.1	22.6	33.8#

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#26
Benzo(g,h,i)perylene
Concen: 0.103 ng/ul m
RT: 26.40 min Scan# 6399
Delta R.T. -0.03 min
Lab File: BN006515.D
Acq: 23 Jun 2019 07:53

Tgt Ion	Ratio	Lower	Upper
276	100		
138	37.7	24.2	36.4#
277	31.4	21.5	32.3

