

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080320\
 Data File : BN011352.D
 Acq On : 04 Aug 2020 03:50
 Operator : CG/JU
 Sample : L3419-15
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AF2

Manual Integrations
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mohammad
 8/5/2020 10:28:13 AM

Quant Time: Aug 04 11:36:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 03 10:06:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	1420	0.40	ng/ul	0.00
2) Naphthalene-d8	10.21	136	5411	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.09	164	3413	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.85	188	7637m	0.40	ng/ul	0.00
16) Chrysene-d12	21.06	240	7405	0.40	ng/ul	0.00
20) Perylene-d12	23.18	264	8646	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.81	152	1927	0.14	ng/ul	0.00
14) Fluoranthene-d10	18.89	212	3739	0.10	ng/ul	0.00
Target Compounds				Qvalue		
12) Phenanthrene	16.89	178	1116	0.044	ng/ul#	88
15) Fluoranthene	18.92	202	2496	0.080	ng/ul	89
17) Pyrene	19.28	202	2402m	0.071	ng/ul	
18) Benzo(a)anthracene	21.05	228	1245	0.044	ng/ul#	88
19) Chrysene	21.10	228	1599	0.049	ng/ul#	91
21) Benzo(b)fluoranthene	22.56	252	2477m	0.069	ng/ul	
22) Benzo(k)fluoranthene	22.60	252	1025m	0.025	ng/ul	
23) Benzo(a)pyrene	23.09	252	1471	0.047	ng/ul#	48
24) Indeno(1,2,3-cd)pyrene	25.25	276	1078	0.033	ng/ul#	91
26) Benzo(g,h,i)perylene	25.87	276	1081	0.036	ng/ul#	69

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

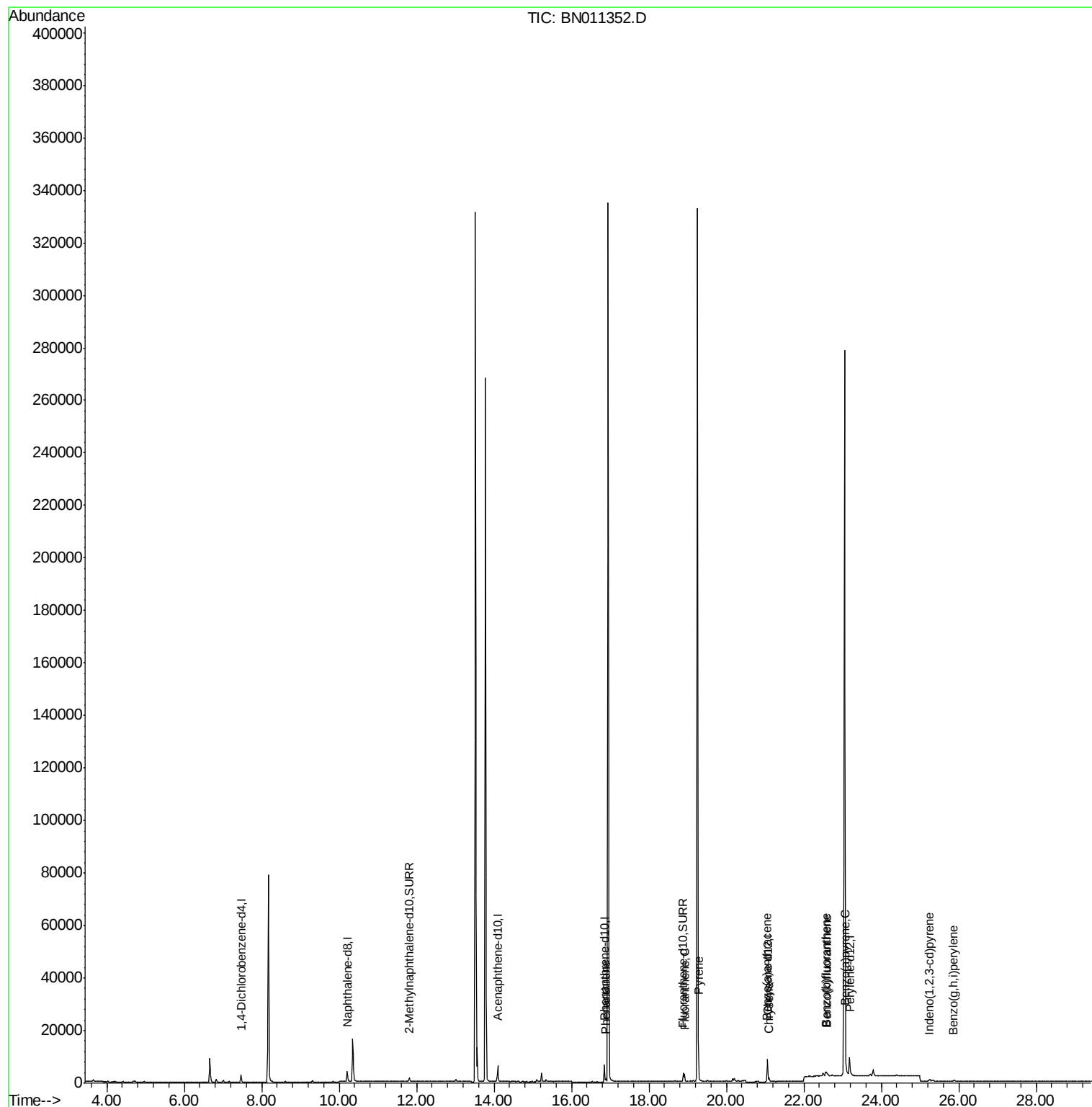
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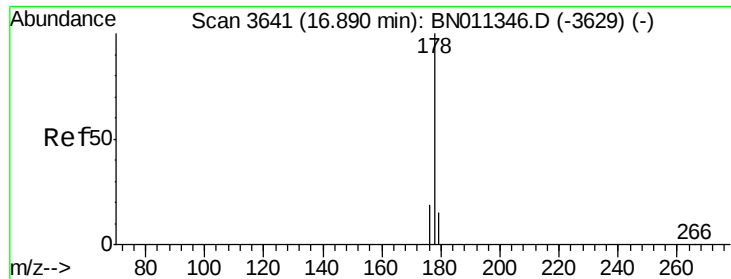
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 03 10:06:56 2020
Response via : Initial Calibration





#12

Phenanthrene

Concen: 0.044 ng/ul

RT: 16.89 min Scan# 3640

Delta R.T. -0.00 min

Lab File: BN011352.D

Acq: 04 Aug 2020 03:50

Instrument :

BNA_N

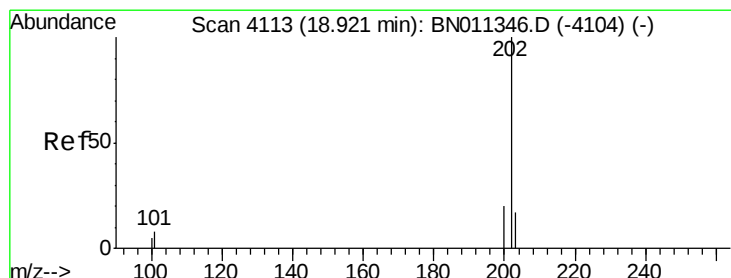
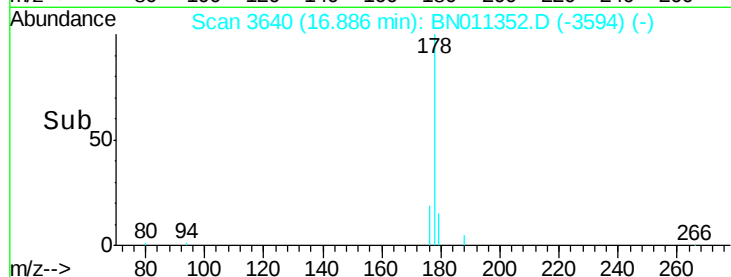
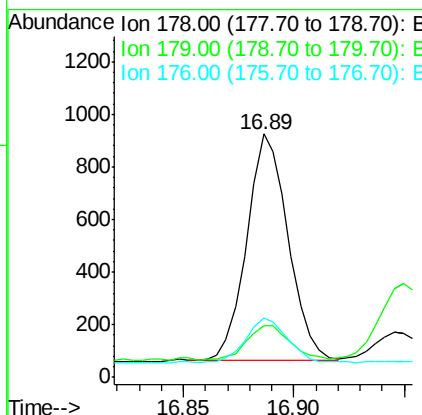
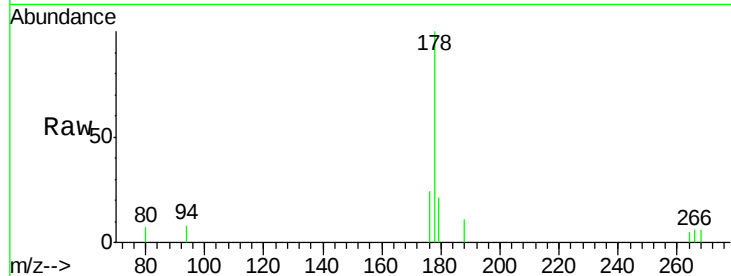
ClientSampleId :

C0AF2

Tgt Ion:	178	Resp:	1116
Ion Ratio	Lower	Upper	
178	100		
179	21.3	12.6	18.8#
176	24.3	15.7	23.5#

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#15

Fluoranthene

Concen: 0.080 ng/ul

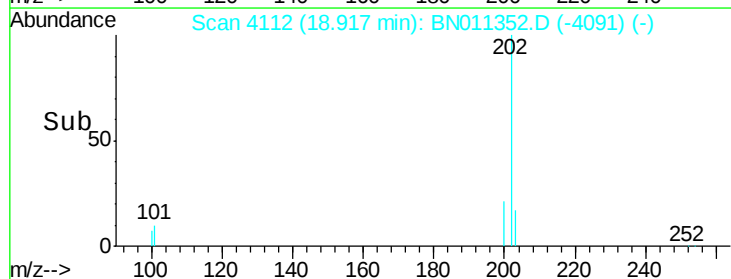
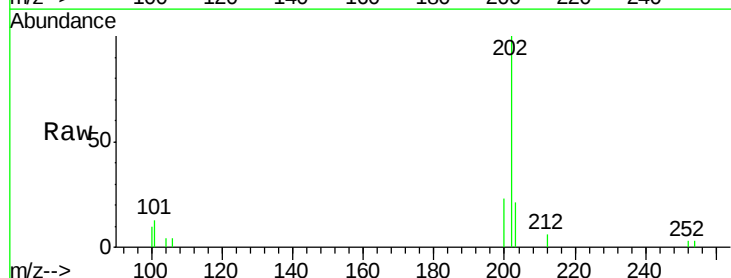
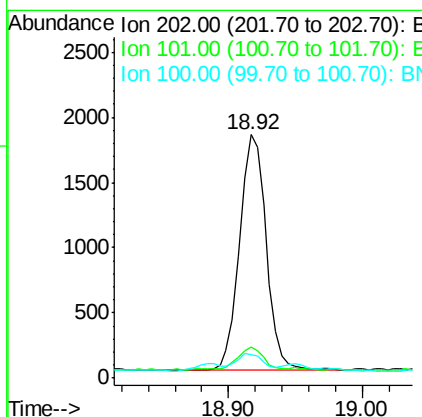
RT: 18.92 min Scan# 4112

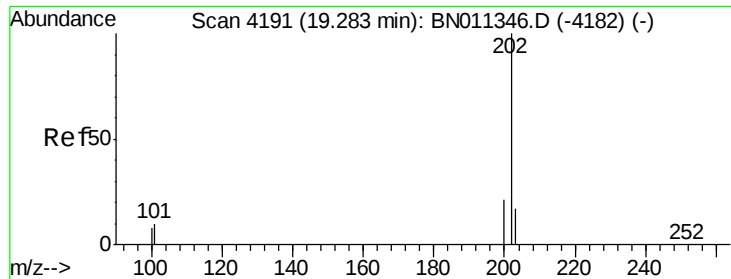
Delta R.T. -0.00 min

Lab File: BN011352.D

Acq: 04 Aug 2020 03:50

Tgt Ion:	202	Resp:	2496
Ion Ratio	Lower	Upper	
202	100		
101	12.6	0.0	28.2
100	9.7	0.0	26.8





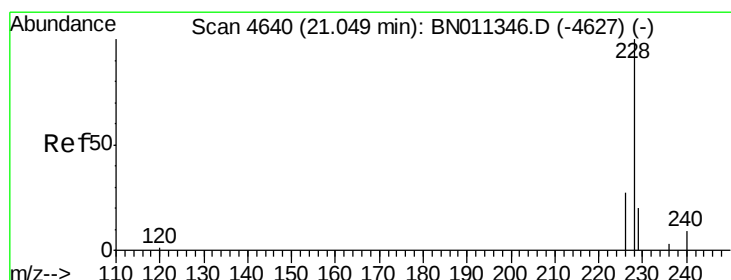
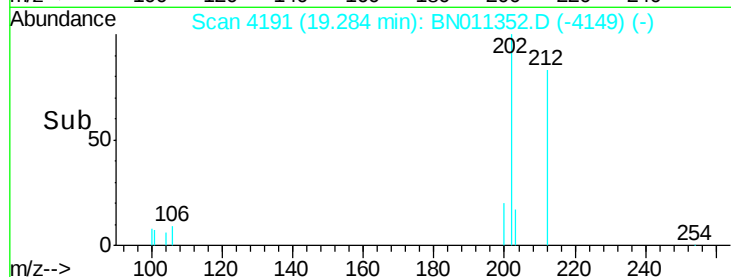
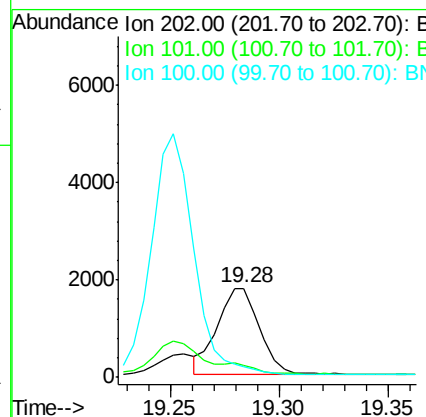
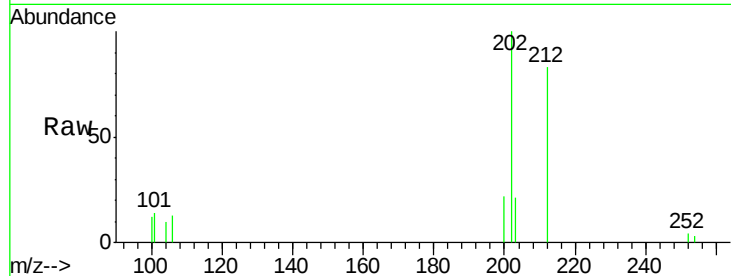
#17
Pyrene
Concen: 0.071 ng/ul m
RT: 19.28 min Scan# 4191
Delta R.T. -0.00 min
Lab File: BN011352.D
Acq: 04 Aug 2020 03:50

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BNA_N
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
202	100	2402		
101	13.7	8.5	12.7#	
100	11.6	7.1	10.7#	

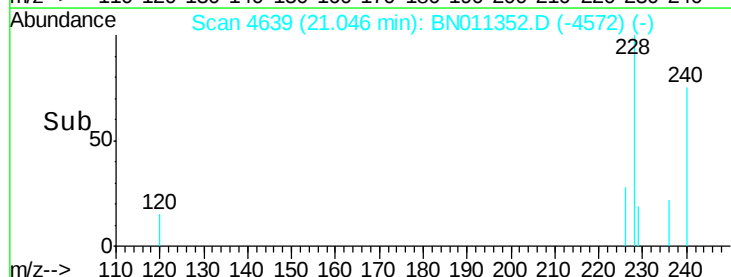
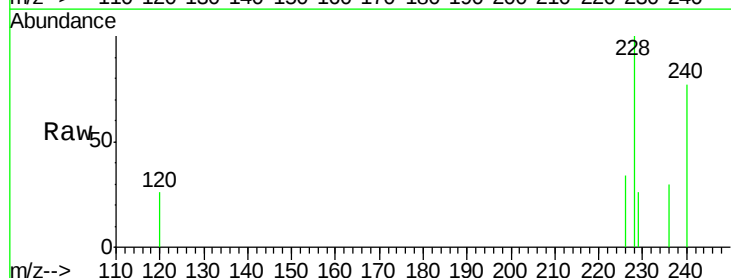
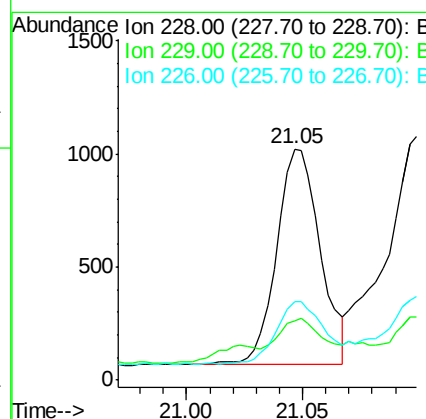
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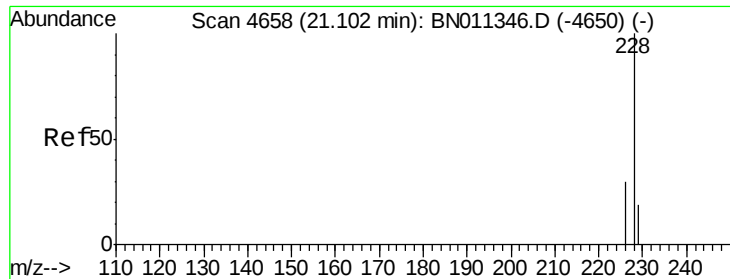
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#18
Benzo(a)anthracene
Concen: 0.044 ng/ul
RT: 21.05 min Scan# 4639
Delta R.T. -0.01 min
Lab File: BN011352.D
Acq: 04 Aug 2020 03:50

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1245		
229	25.7	16.1	24.1#	
226	34.0	22.2	33.2#	





#19

Chrysene

Concen: 0.049 ng/ul

RT: 21.10 min Scan# 4657

Delta R.T. -0.01 min

Lab File: BN011352.D

Acq: 04 Aug 2020 03:50

Instrument :

BNA_N

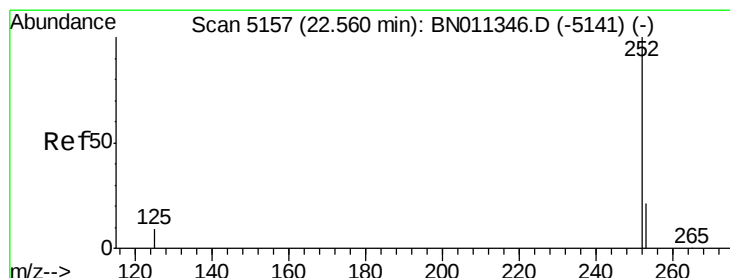
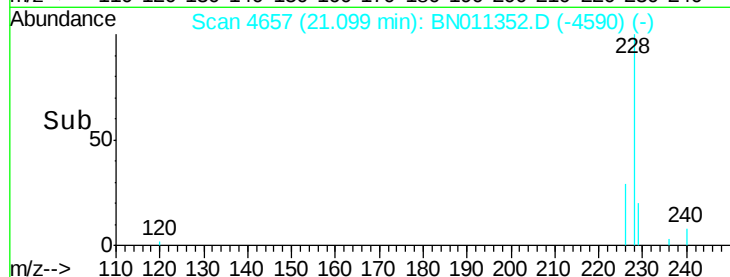
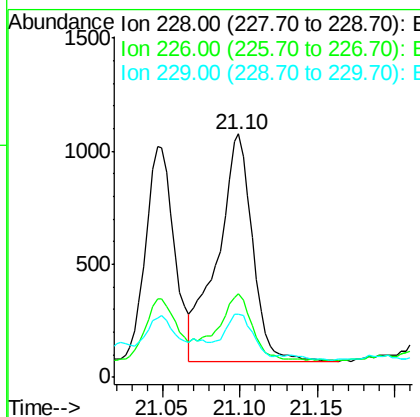
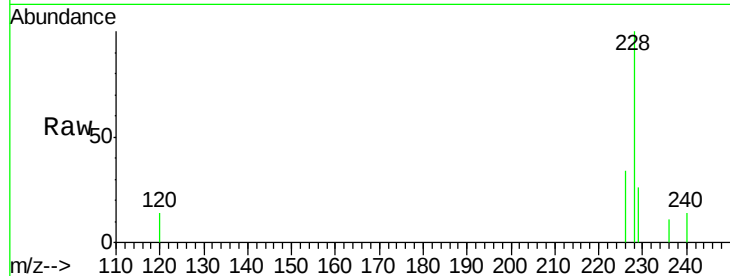
ClientSampled :

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Tgt Ion:	228	Resp:	1599
Ion Ratio	Lower	Upper	
228	100		
226	34.2	24.5	36.7
229	25.9	15.8	23.6

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#21

Benzo(b)fluoranthene

Concen: 0.069 ng/ul m

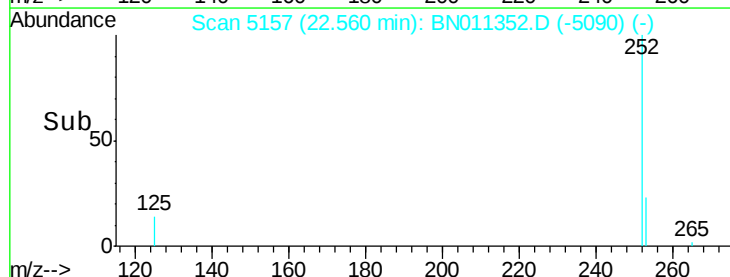
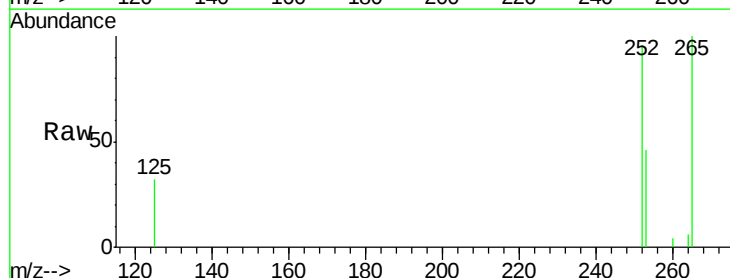
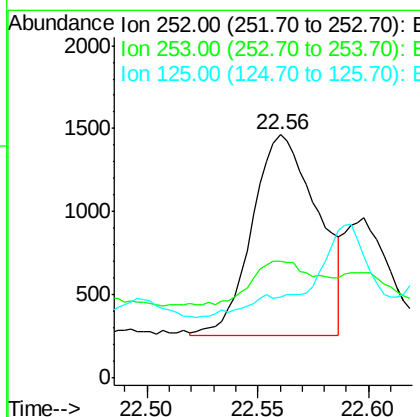
RT: 22.56 min Scan# 5157

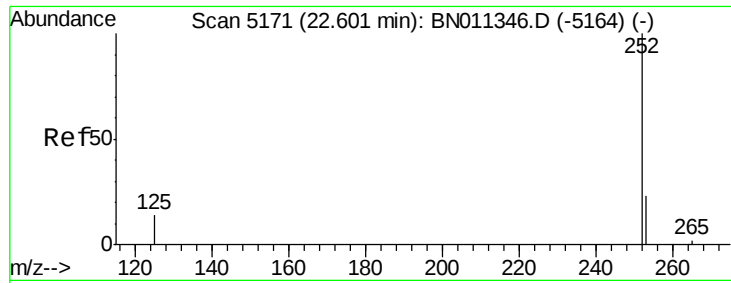
Delta R.T. -0.01 min

Lab File: BN011352.D

Acq: 04 Aug 2020 03:50

Tgt Ion:	252	Resp:	2477
Ion Ratio	Lower	Upper	
252	100		
253	48.0	0.0	51.8
125	33.4	0.0	24.2





#22

Benzo(k)fluoranthene

Concen: 0.025 ng/ul m

RT: 22.60 min Scan# 5170

Delta R.T. -0.01 min

Lab File: BN011352.D

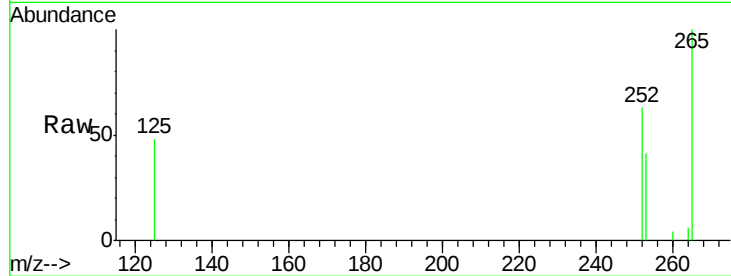
Acq: 04 Aug 2020 03:50

Instrument :

BNA_N

ClientSampleId :

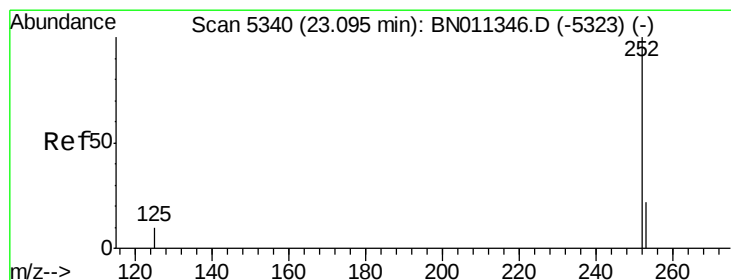
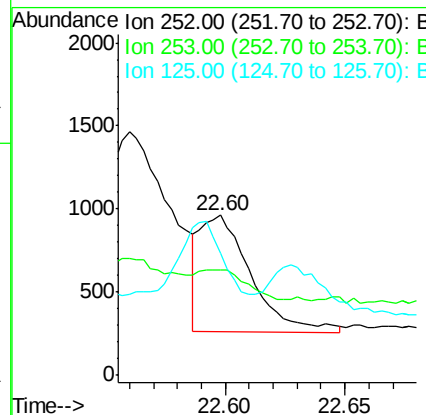
C0AF2



Tgt Ion	Ratio	Lower	Upper
252	100		
253	65.7	21.4	32.0#
125	76.3	12.6	18.8#

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#23

Benzo(a)pyrene

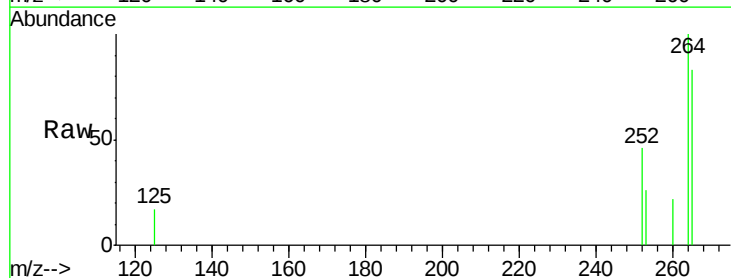
Concen: 0.047 ng/ul

RT: 23.09 min Scan# 5337

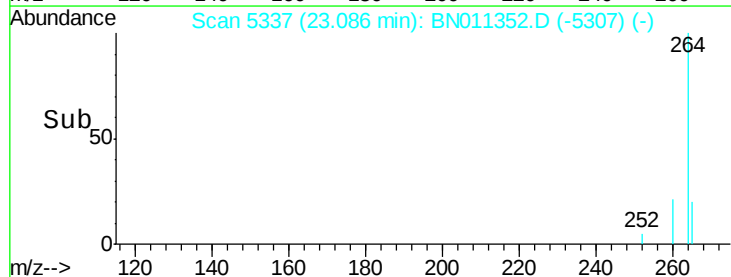
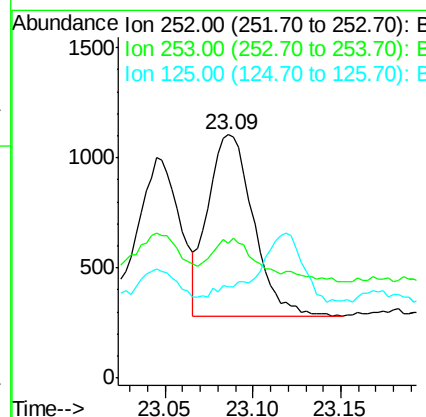
Delta R.T. -0.01 min

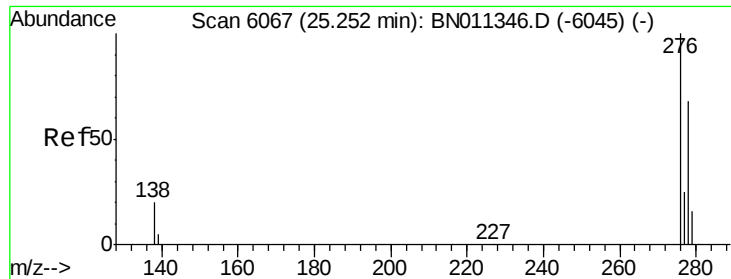
Lab File: BN011352.D

Acq: 04 Aug 2020 03:50



Tgt Ion	Ratio	Lower	Upper
252	100		
253	55.4	22.6	34.0#
125	37.6	12.6	18.8#





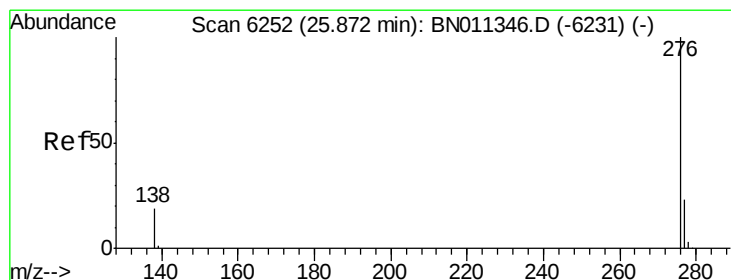
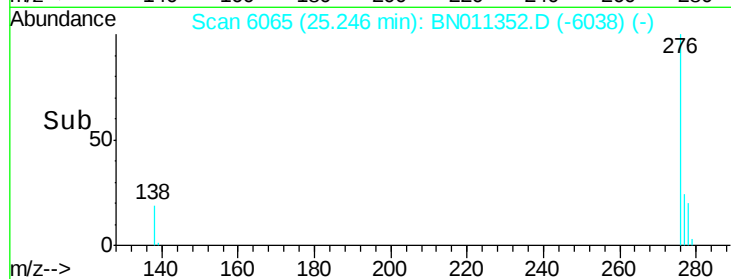
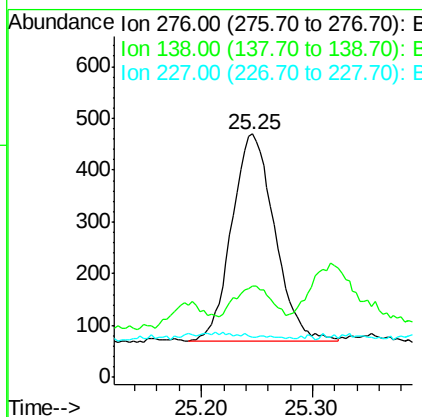
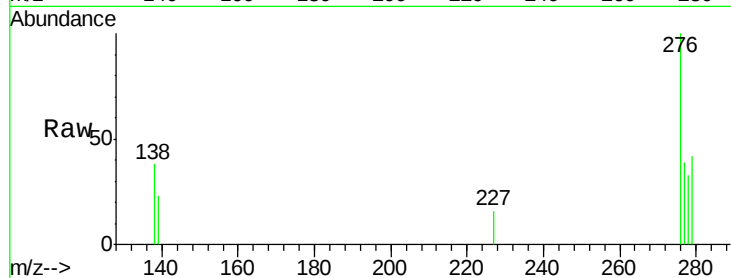
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.033 ng/u1
 RT: 25.25 min Scan# 6065
 Delta R.T. -0.01 min
 Lab File: BN011352.D
 Acq: 04 Aug 2020 03:50

Instrument :
 BNA_N
 ClientSampleId :
 C0AF2

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.0	18.1	27.1#
227	0.6	0.2	0.4#

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#26
 Benzo(g,h,i)perylene
 Concen: 0.036 ng/u1
 RT: 25.87 min Scan# 6250
 Delta R.T. -0.01 min
 Lab File: BN011352.D
 Acq: 04 Aug 2020 03:50

Tgt Ion	Ratio	Lower	Upper
276	100		
138	37.2	16.4	24.6#
277	38.5	20.2	30.4#

