

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
 Data File : BN007021.D
 Acq On : 08 Aug 2019 12:17
 Operator : HP/JU
 Sample : K3962-01
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP25

Manual Integrations
 APPROVED

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 8/9/2019 6:16:45 AM

Quant Time: Aug 08 13:19:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 17:30:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	8669	0.40	ng/ul	0.00
2) Naphthalene-d8	10.23	136	34644	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.11	164	21569	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.86	188	55057	0.40	ng/ul	0.00
16) Chrysene-d12	21.08	240	42516	0.40	ng/ul	0.00
20) Perylene-d12	23.20	264	37021	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.83	152	11873	0.19	ng/ul	0.00
14) Fluoranthene-d10	18.90	212	40132	0.23	ng/ul	0.00
Target Compounds				Qvalue		
12) Phenanthrene	16.90	178	6558	0.037	ng/ul#	93
15) Fluoranthene	18.93	202	17851	0.082	ng/ul	97
17) Pyrene	19.29	202	19894	0.105	ng/ul	98
18) Benzo(a)anthracene	21.06	228	7951	0.043	ng/ul#	82
19) Chrysene	21.11	228	9842	0.056	ng/ul#	87
21) Benzo(b)fluoranthene	22.58	252	9208m	0.061	ng/ul	
22) Benzo(k)fluoranthene	22.62	252	3359m	0.023	ng/ul	
23) Benzo(a)pyrene	23.11	252	5625	0.040	ng/ul#	46
24) Indeno(1,2,3-cd)pyrene	25.30	276	3580	0.024	ng/ul#	84
26) Benzo(g,h,i)perylene	25.94	276	3797	0.030	ng/ul#	75

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

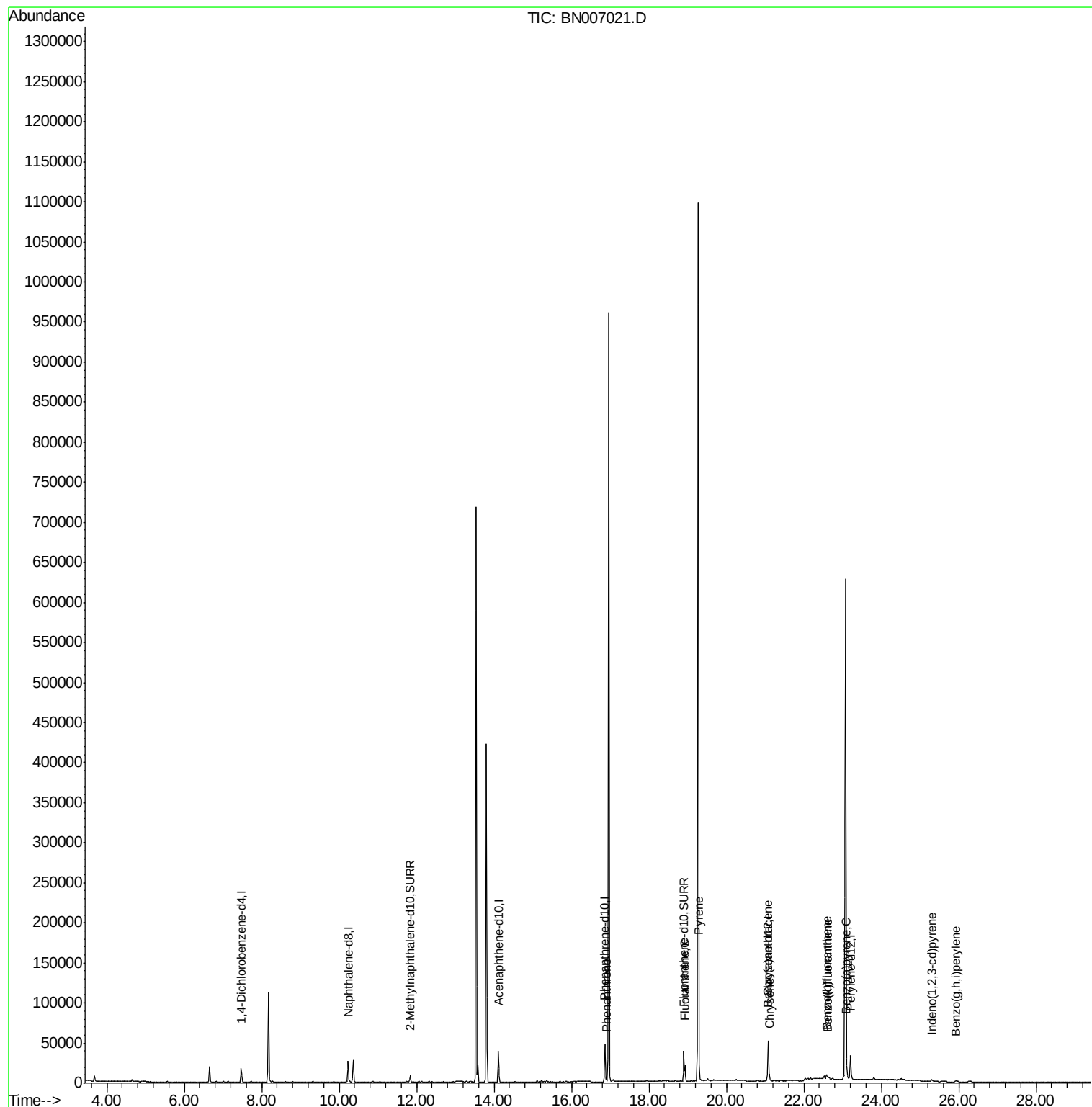
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
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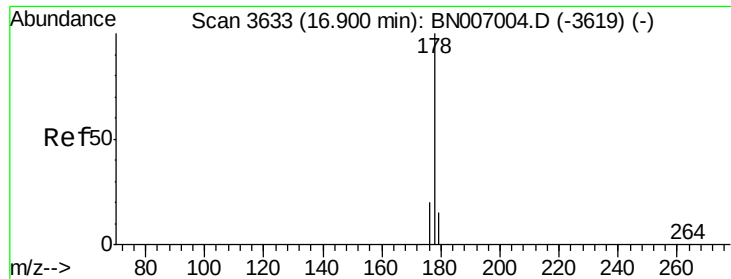
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#12

Phenanthrene

Concen: 0.037 ng/ul

RT: 16.90 min Scan# 3633

Delta R.T. -0.00 min

Lab File: BN007021.D

Acq: 08 Aug 2019 12:17

Instrument :

BNA_N

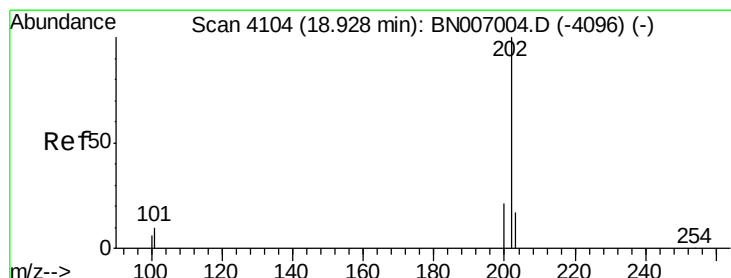
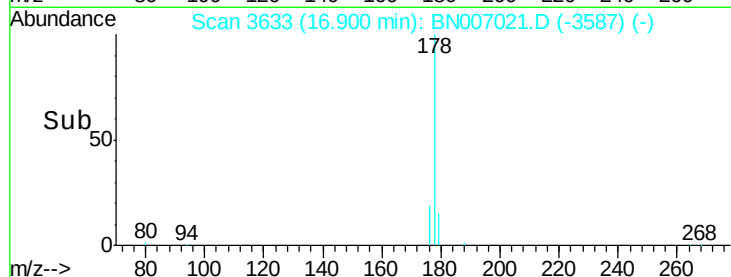
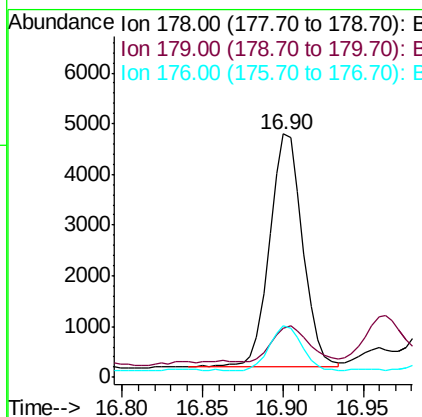
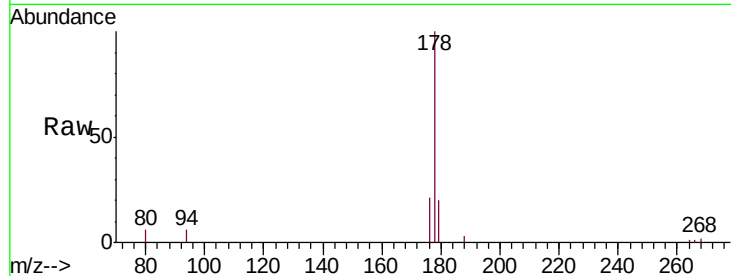
ClientSampleId :

BEP25

Tgt Ion:	178	Resp:	6558
Ion Ratio	Lower	Upper	
178	100		
179	20.0	12.5	18.7#
176	21.3	15.6	23.4

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#15

Fluoranthene

Concen: 0.082 ng/ul

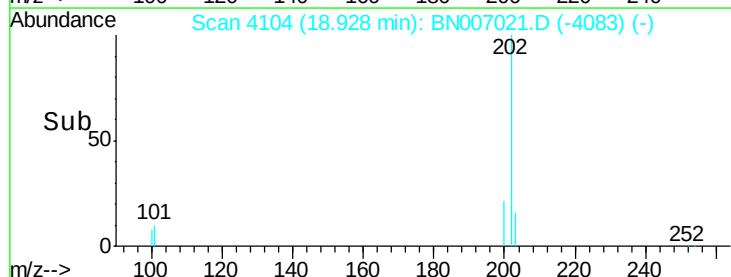
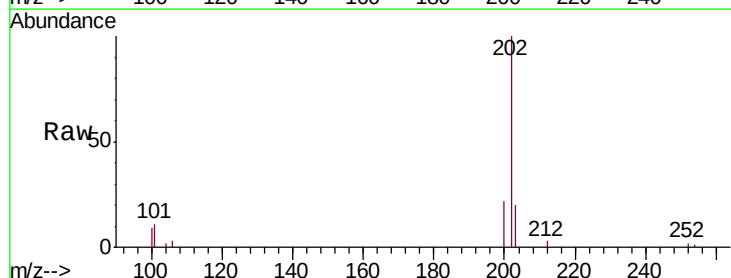
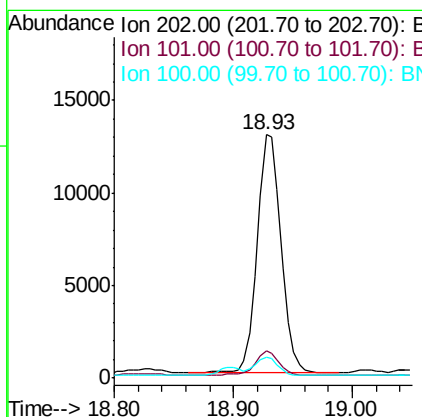
RT: 18.93 min Scan# 4104

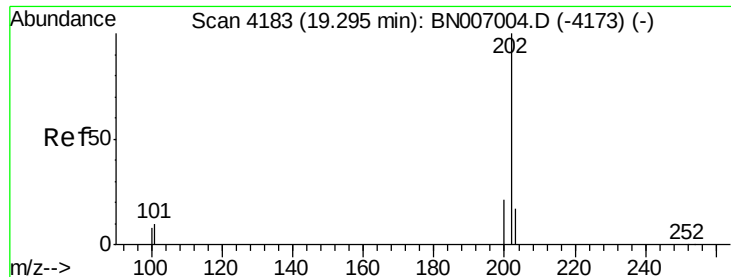
Delta R.T. -0.00 min

Lab File: BN007021.D

Acq: 08 Aug 2019 12:17

Tgt Ion:	202	Resp:	17851
Ion Ratio	Lower	Upper	
202	100		
101	11.0	0.0	30.0
100	8.6	0.0	27.7





#17

Pyrene

Concen: 0.105 ng/ul

RT: 19.29 min Scan# 4183

Delta R.T. -0.00 min

Lab File: BN007021.D

Acq: 08 Aug 2019 12:17

Instrument :

BNA_N

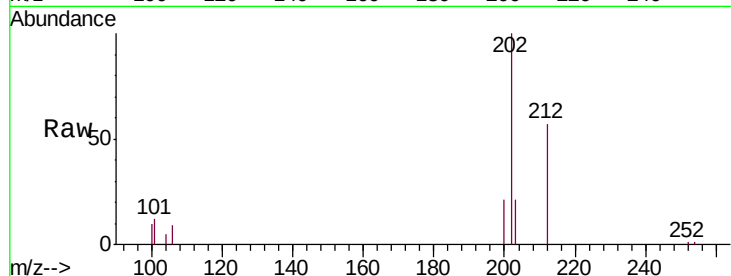
ClientSampleId :

BEP25

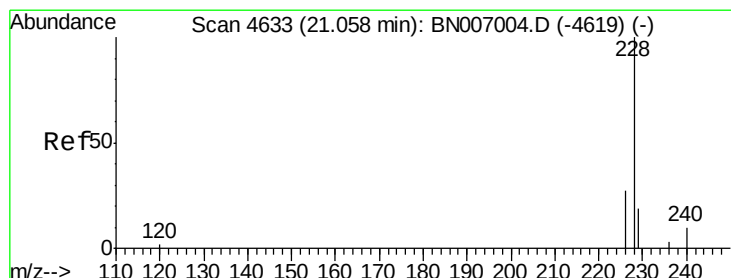
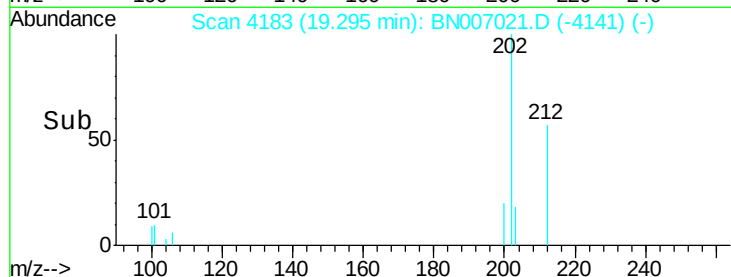
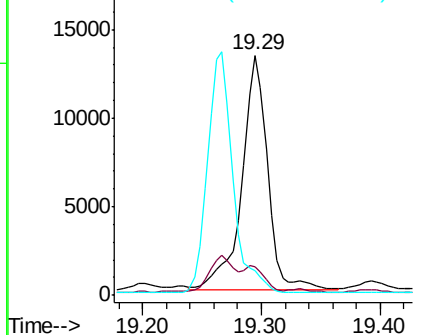
Tgt Ion:	202	Resp:	19894
Ion Ratio	Lower	Upper	
202	100		
101	12.1	9.3	13.9
100	10.2	7.3	10.9

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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



#18

Benzo(a)anthracene

Concen: 0.043 ng/ul

RT: 21.06 min Scan# 4634

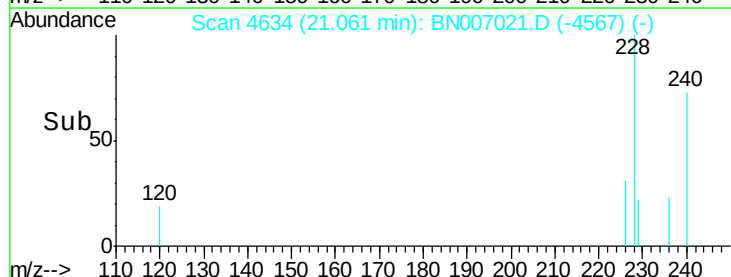
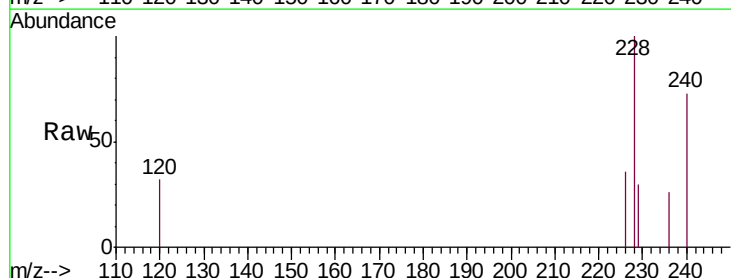
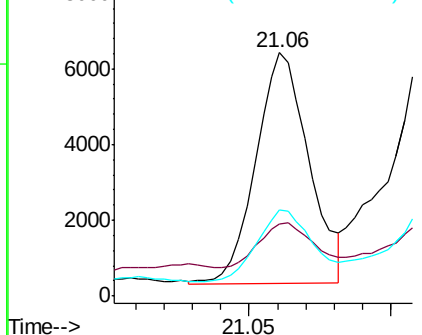
Delta R.T. -0.00 min

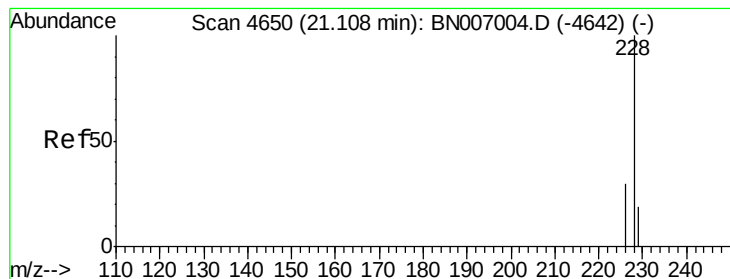
Lab File: BN007021.D

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Tgt Ion:	228	Resp:	7951
Ion Ratio	Lower	Upper	
228	100		
229	29.8	15.9	23.9#
226	35.6	22.2	33.4#

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.056 ng/ul

RT: 21.11 min Scan# 4651

Delta R.T. -0.00 min

Lab File: BN007021.D

Acq: 08 Aug 2019 12:17

Instrument :

BNA_N

ClientSampleId :

BEP25

Tgt Ion:228 Resp: 9842

Ion Ratio Lower Upper

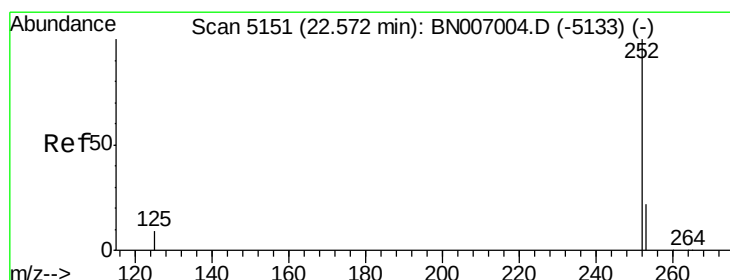
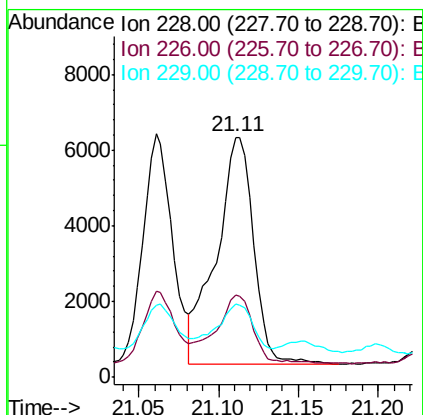
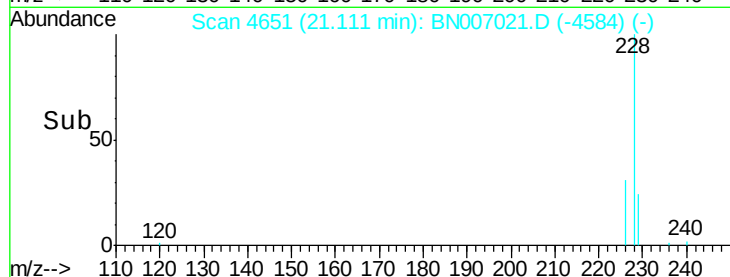
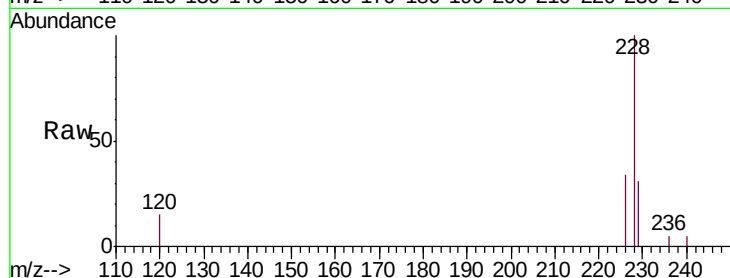
228 100

226 34.2 24.7 37.1

229 30.6 15.5 23.3#

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#21

Benzo(b)fluoranthene

Concen: 0.061 ng/ul m

RT: 22.58 min Scan# 5155

Delta R.T. 0.00 min

Lab File: BN007021.D

Acq: 08 Aug 2019 12:17

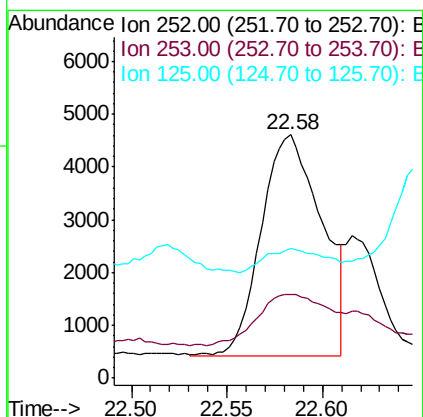
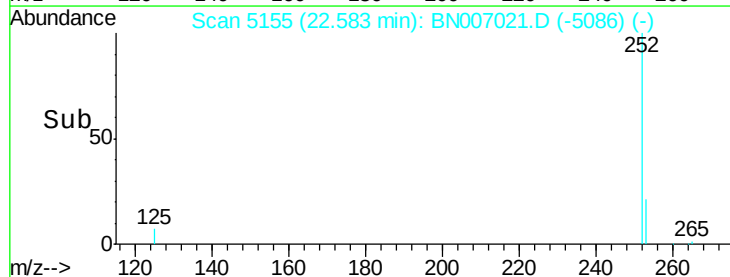
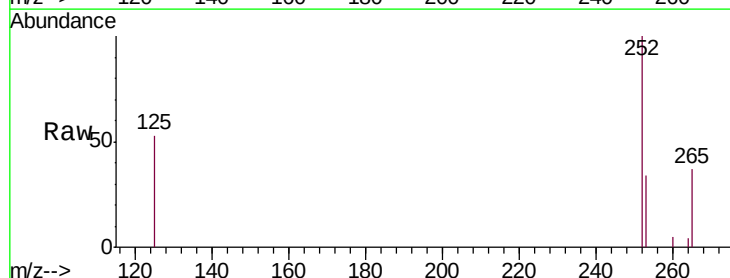
Tgt Ion:252 Resp: 9208

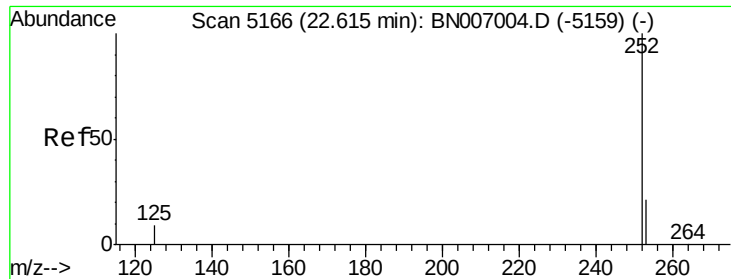
Ion Ratio Lower Upper

252 100

253 34.4 0.0 45.2

125 53.3 0.0 22.2#





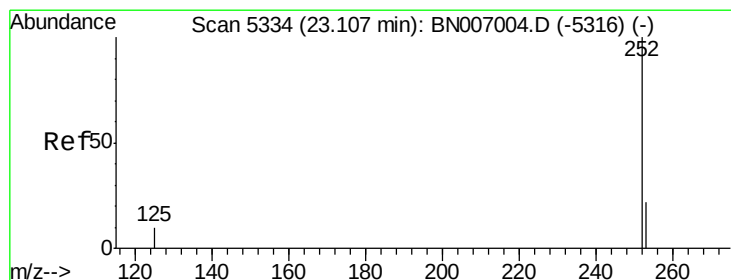
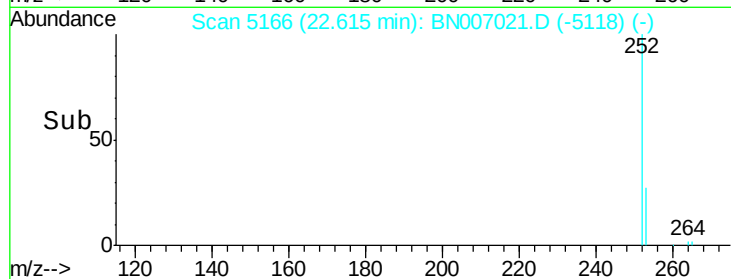
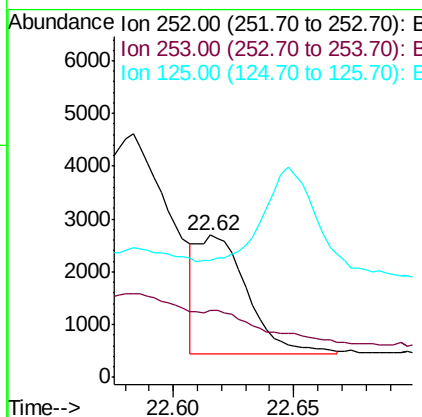
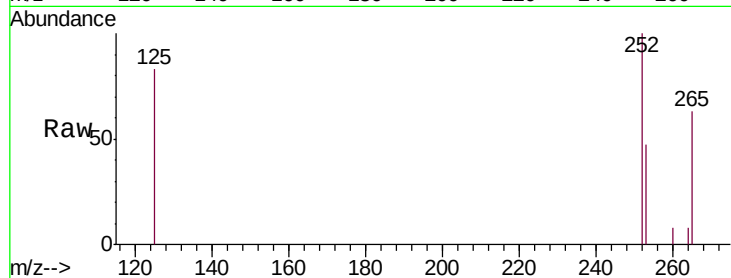
#22
Benzo(k)fluoranthene
Concen: 0.023 ng/ul m
RT: 22.62 min Scan# 5166
Delta R.T. -0.01 min
Lab File: BN007021.D
Acq: 08 Aug 2019 12:17

Instrument :
BNA_N
ClientSampled :
BEP25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	46.9	18.6	28.0#
125	82.6	8.7	13.1#

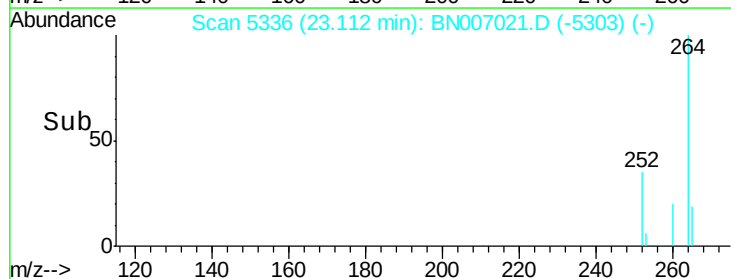
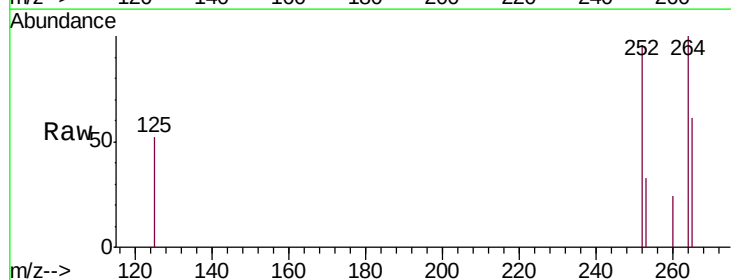
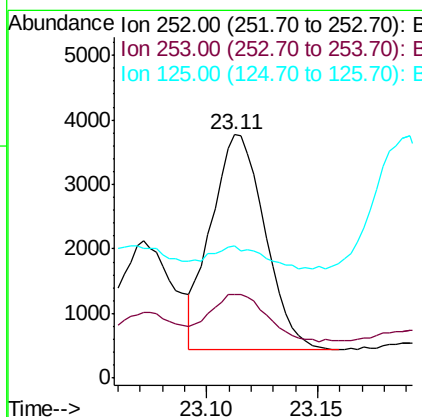
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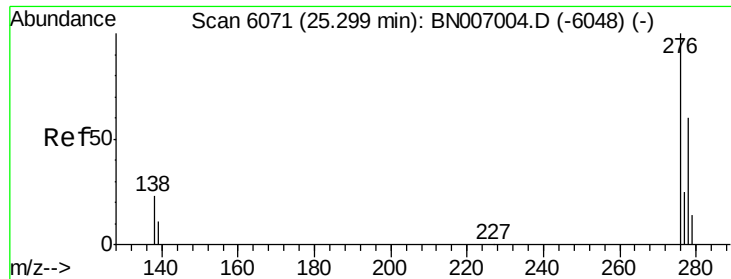
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#23
Benzo(a)pyrene
Concen: 0.040 ng/ul
RT: 23.11 min Scan# 5336
Delta R.T. -0.00 min
Lab File: BN007021.D
Acq: 08 Aug 2019 12:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	34.5	18.0	27.0#
125	54.1	10.0	15.0#





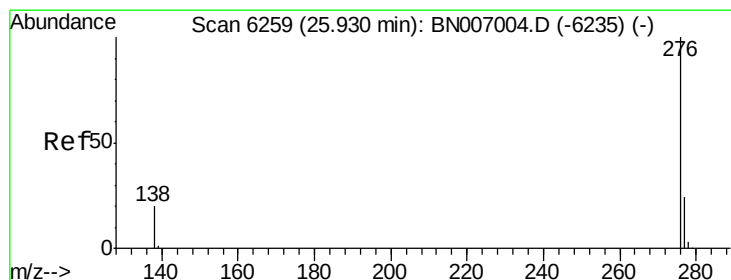
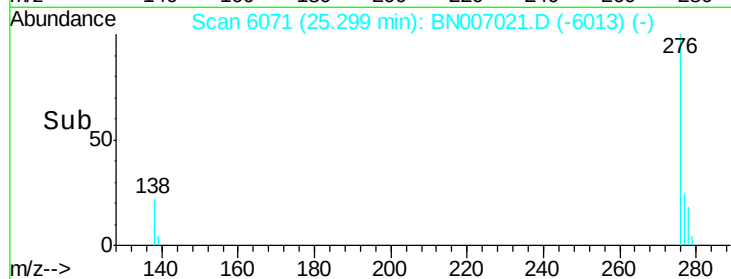
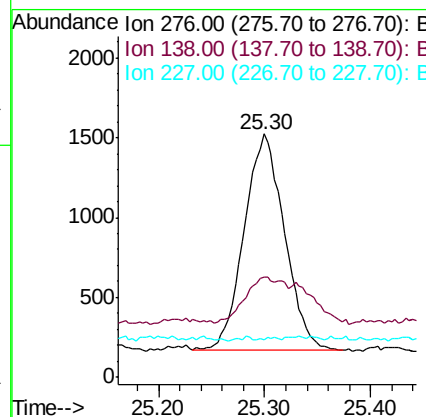
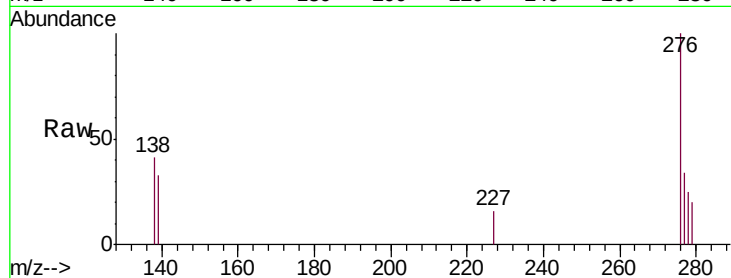
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.024 ng/ul
 RT: 25.30 min Scan# 6071
 Delta R.T. -0.01 min
 Lab File: BN007021.D
 Acq: 08 Aug 2019 12:17

Instrument :
 BNA_N
 ClientSampleId :
 BEP25

Tgt Ion	Ratio	Lower	Upper
276	100		
138	33.2	19.9	29.9#
227	0.2	0.2	0.4#

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#26
 Benzo(g,h,i)perylene
 Concen: 0.030 ng/ul
 RT: 25.94 min Scan# 6261
 Delta R.T. -0.00 min
 Lab File: BN007021.D
 Acq: 08 Aug 2019 12:17

Tgt Ion	Ratio	Lower	Upper
276	100		
138	38.1	18.7	28.1#
277	33.9	19.3	28.9#

