

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
 Data File : BN007026.D
 Acq On : 08 Aug 2019 15:27
 Operator : HP/JU
 Sample : K3962-15DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP08DL

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:17:02 AM

Quant Time: Aug 08 16:19:08 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	8138	0.40	ng/ul	0.00
2) Naphthalene-d8	10.23	136	32900	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.11	164	20188	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.86	188	49099	0.40	ng/ul	0.00
16) Chrysene-d12	21.08	240	33272	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	30255	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.83	152	2845	0.05	ng/ul	0.00
14) Fluoranthene-d10	18.90	212	7637	0.05	ng/ul	0.00
Target Compounds				Qvalue		
12) Phenanthrene	16.90	178	14431	0.092	ng/ul	99
13) Anthracene	16.99	178	3437	0.021	ng/ul#	93
15) Fluoranthene	18.93	202	27477	0.141	ng/ul	99
17) Pyrene	19.29	202	30886	0.208	ng/ul	100
18) Benzo(a)anthracene	21.06	228	15433	0.106	ng/ul	96
19) Chrysene	21.11	228	15216	0.111	ng/ul	96
21) Benzo(b)fluoranthene	22.58	252	14162m	0.115	ng/ul	
22) Benzo(k)fluoranthene	22.62	252	5498m	0.046	ng/ul	
23) Benzo(a)pyrene	23.11	252	10980	0.095	ng/ul#	91
24) Indeno(1,2,3-cd)pyrene	25.30	276	6461	0.052	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.31	278	2137	0.021	ng/ul#	48
26) Benzo(g,h,i)perylene	25.93	276	6567	0.063	ng/ul	93

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

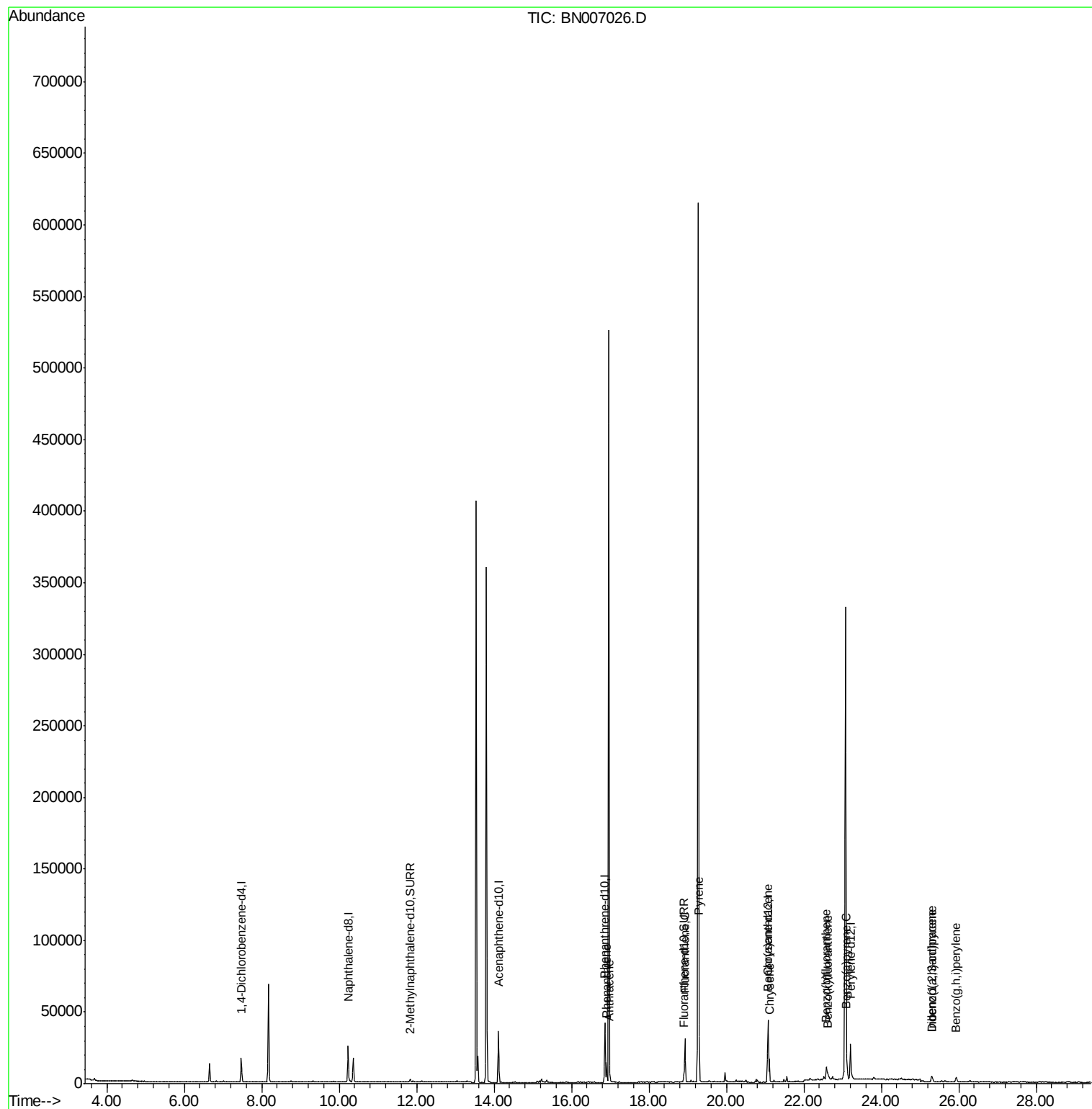
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
Data File : BN007026.D
Acq On : 08 Aug 2019 15:27
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Sample : K3962-15DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

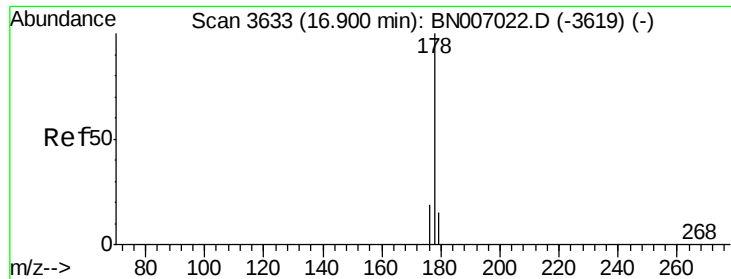
Instrument :
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BEP08DL

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QLast Update : Wed Aug 07 17:30:08 2019
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#12

Phenanthrene

Concen: 0.092 ng/ul

RT: 16.90 min Scan# 3633

Delta R.T. -0.00 min

Lab File: BN007026.D

Acq: 08 Aug 2019 15:27

Instrument :

BNA_N

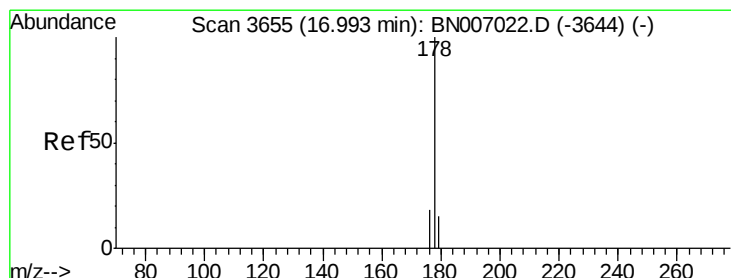
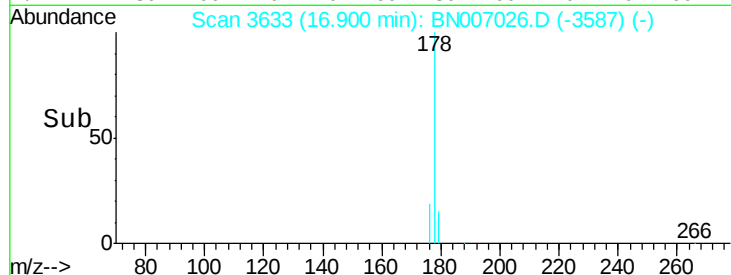
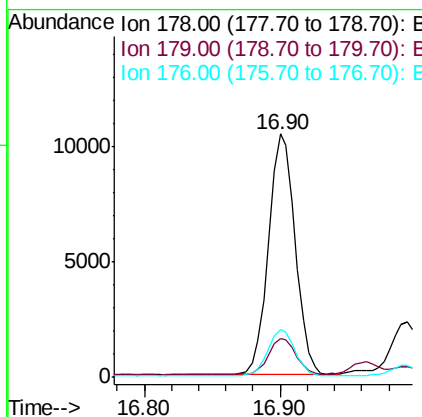
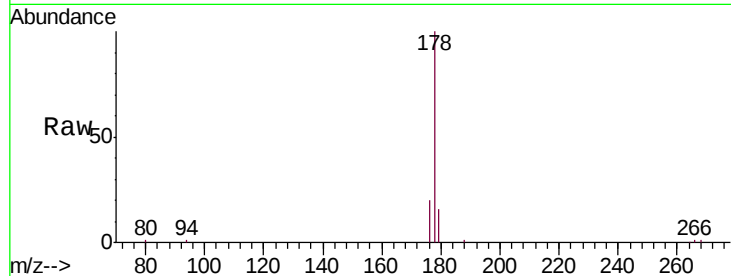
ClientSampleId :

BEP08DL

Tgt Ion:	178	Resp:	14431
Ion Ratio	Lower	Upper	
178	100		
179	16.1	12.5	18.7
176	19.9	15.6	23.4

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#13

Anthracene

Concen: 0.021 ng/ul

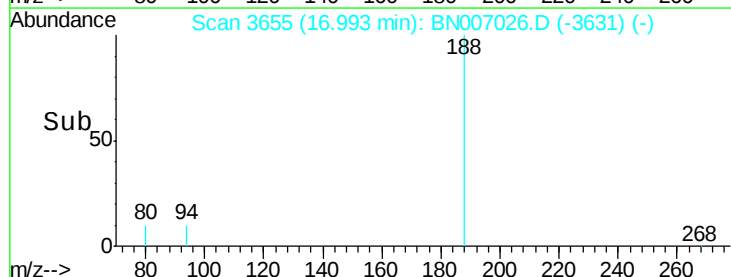
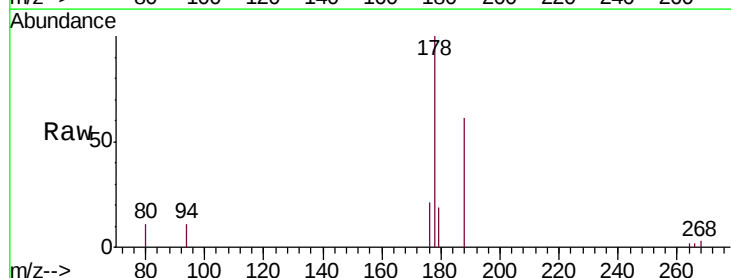
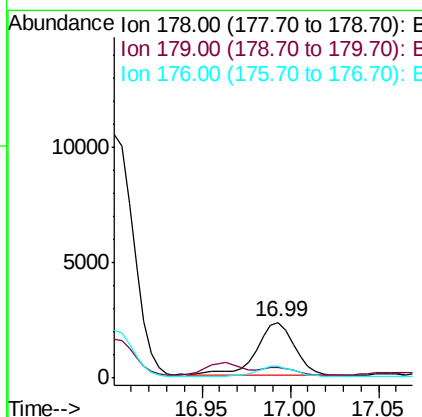
RT: 16.99 min Scan# 3655

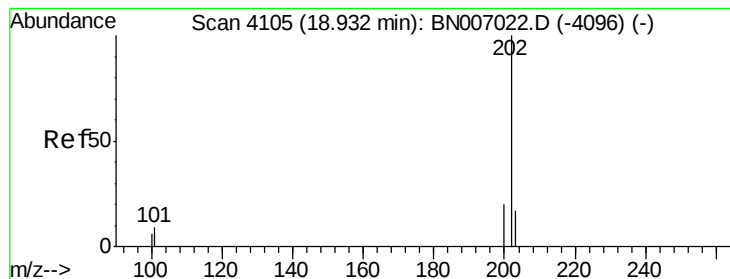
Delta R.T. -0.00 min

Lab File: BN007026.D

Acq: 08 Aug 2019 15:27

Tgt Ion:	178	Resp:	3437
Ion Ratio	Lower	Upper	
178	100		
179	19.3	12.6	18.8#
176	21.4	15.4	23.0





#15

Fluoranthene

Concen: 0.141 ng/ul

RT: 18.93 min Scan# 4105

Delta R.T. -0.00 min

Lab File: BN007026.D

Acq: 08 Aug 2019 15:27

Instrument :

BNA_N

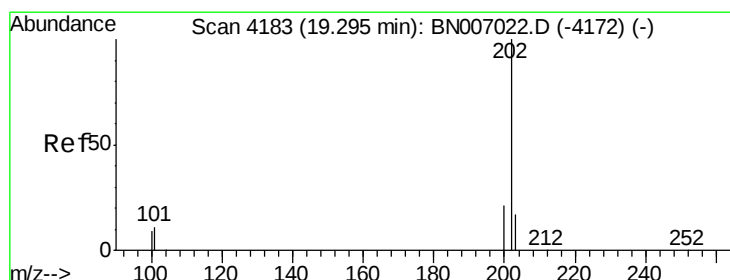
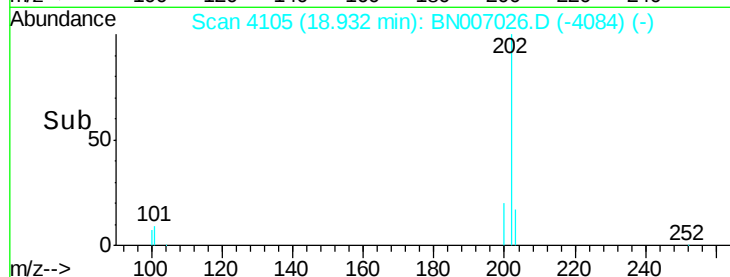
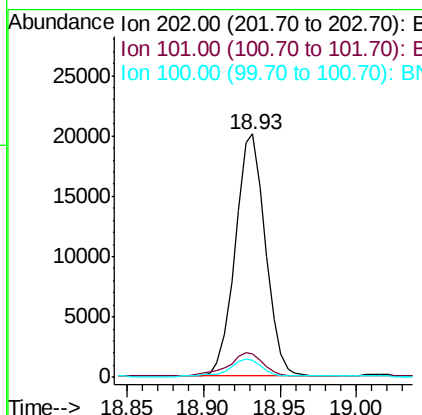
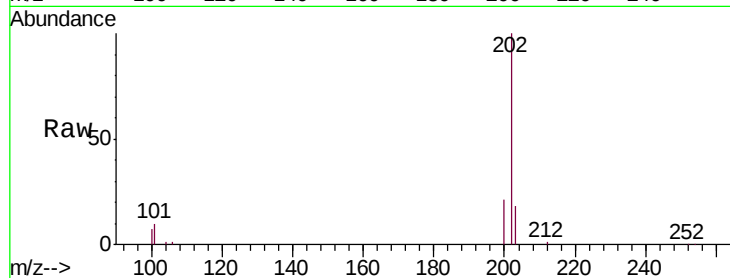
ClientSampleId :

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Tgt	Ion	202	Resp:	27477
Ion	Ratio	Lower	Upper	
202	100			
101	9.8	0.0	30.0	
100	7.1	0.0	27.7	

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#17

Pyrene

Concen: 0.208 ng/ul

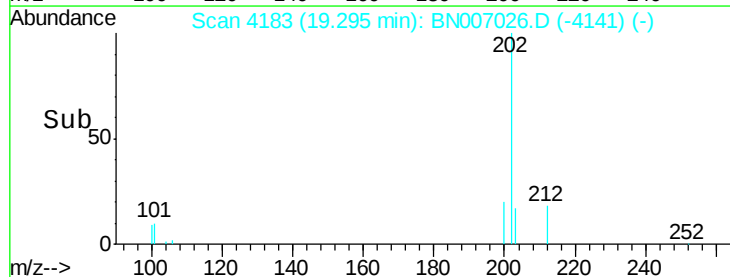
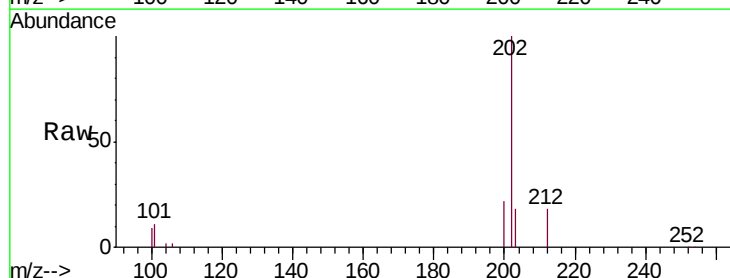
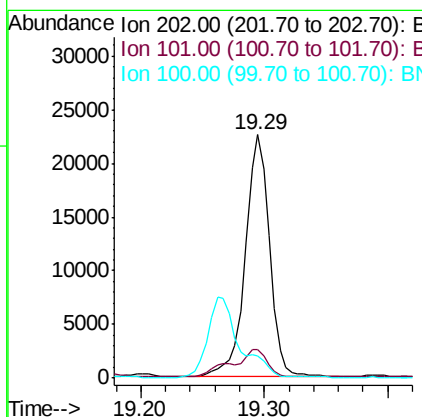
RT: 19.29 min Scan# 4183

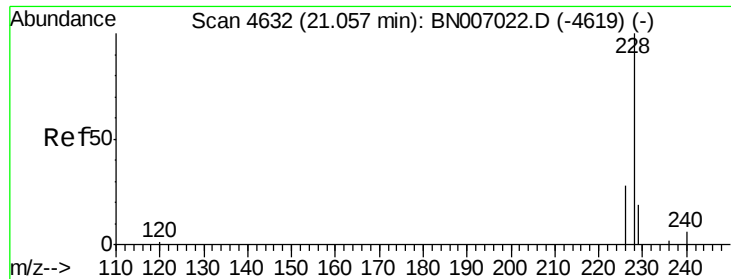
Delta R.T. -0.00 min

Lab File: BN007026.D

Acq: 08 Aug 2019 15:27

Tgt	Ion	202	Resp:	30886
Ion	Ratio	Lower	Upper	
202	100			
101	11.5	9.3	13.9	
100	9.2	7.3	10.9	





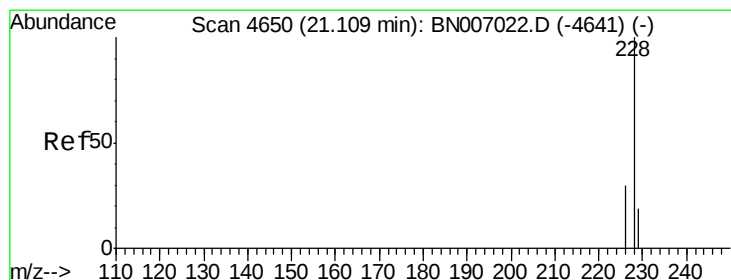
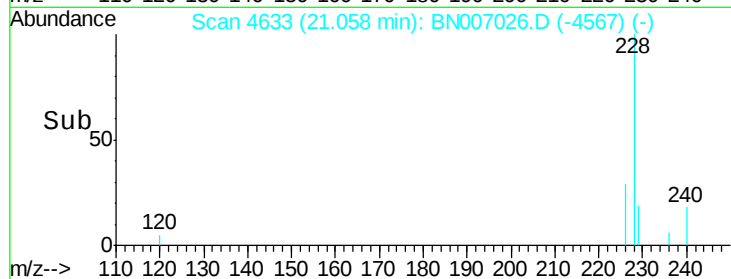
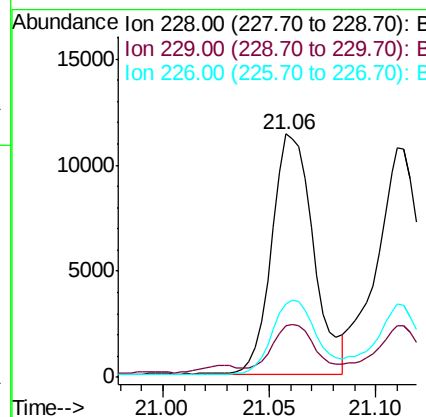
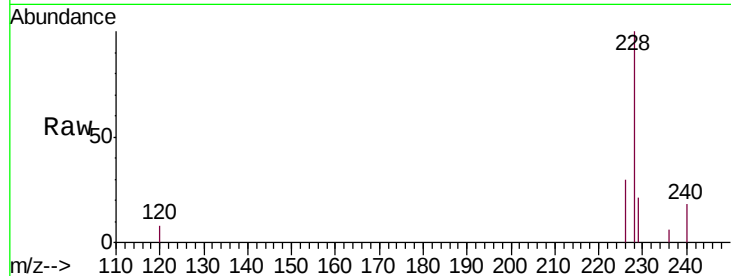
#18
Benzo(a)anthracene
Concen: 0.106 ng/ul
RT: 21.06 min Scan# 4633
Delta R.T. -0.01 min
Lab File: BN007026.D
Acq: 08 Aug 2019 15:27

Instrument :
BNA_N
ClientSampleId :
BEP08DL

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.9	23.9
226	30.2	22.2	33.4

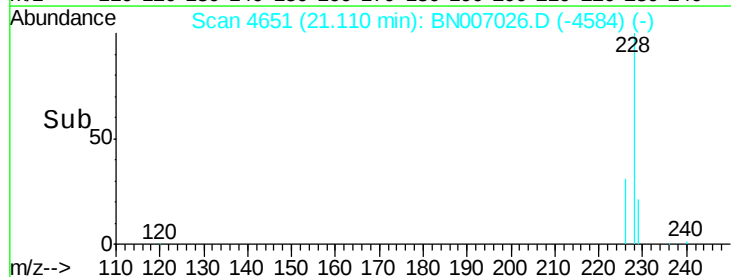
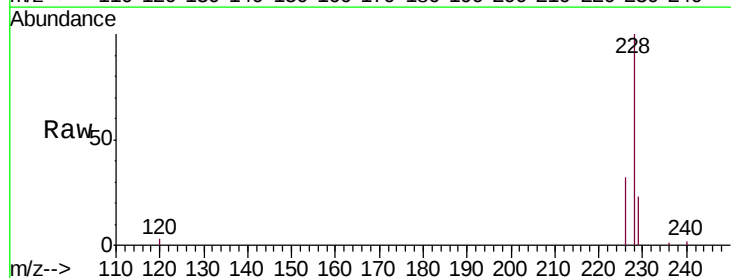
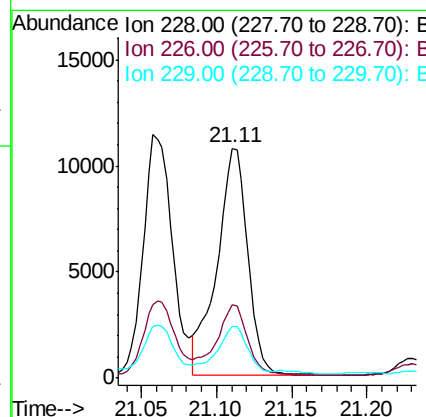
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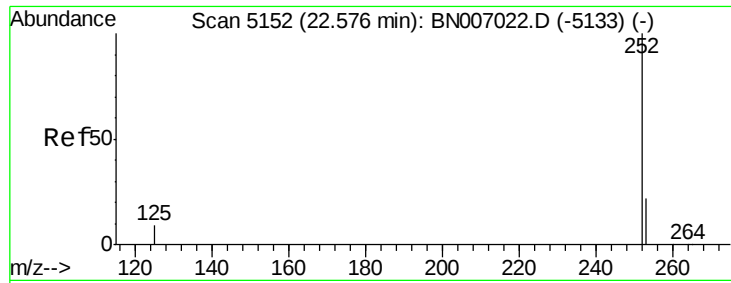
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#19
Chrysene
Concen: 0.111 ng/ul
RT: 21.11 min Scan# 4651
Delta R.T. -0.00 min
Lab File: BN007026.D
Acq: 08 Aug 2019 15:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.0	24.7	37.1
229	22.6	15.5	23.3





#21

Benzo(b)fluoranthene

Concen: 0.115 ng/ul m

RT: 22.58 min Scan# 5154

Delta R.T. -0.00 min

Lab File: BN007026.D

Acq: 08 Aug 2019 15:27

Instrument :

BNA_N

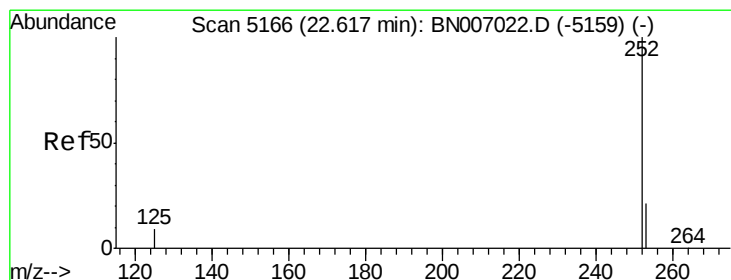
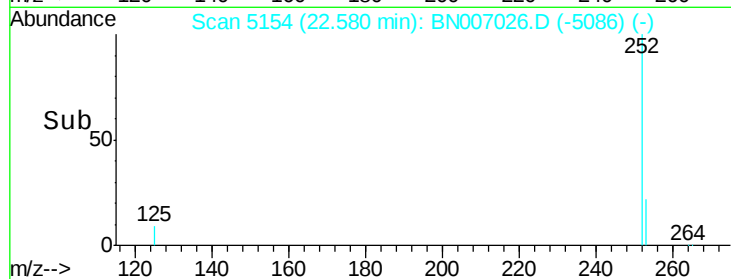
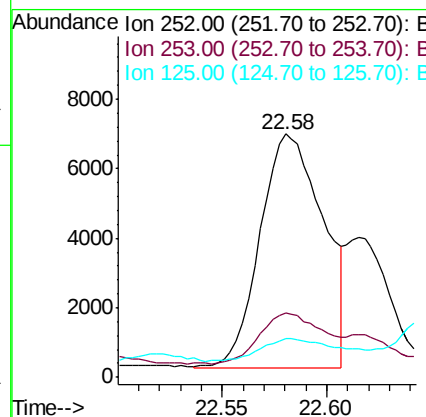
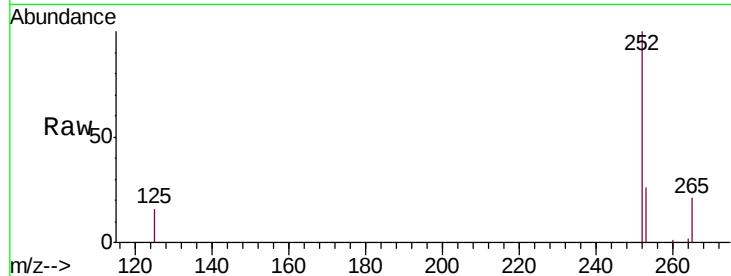
ClientSampleId :

BEP08DL

Tgt Ion:	252	Resp:	14162
Ion Ratio	Lower	Upper	
252	100		
253	26.3	0.0	45.2
125	15.8	0.0	22.2

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#22

Benzo(k)fluoranthene

Concen: 0.046 ng/ul m

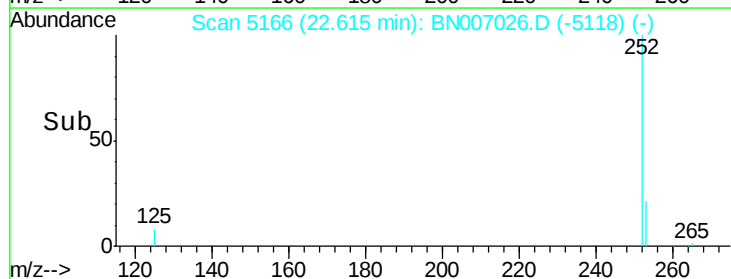
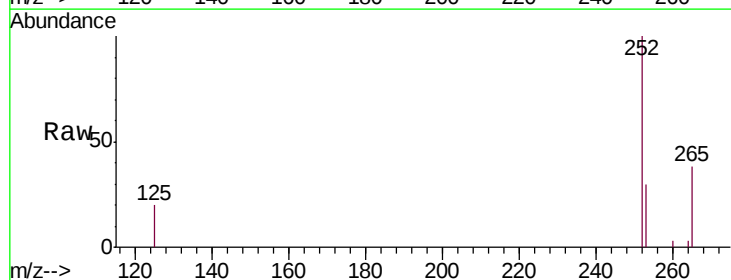
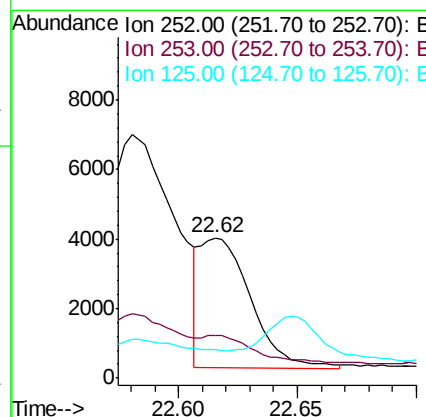
RT: 22.62 min Scan# 5166

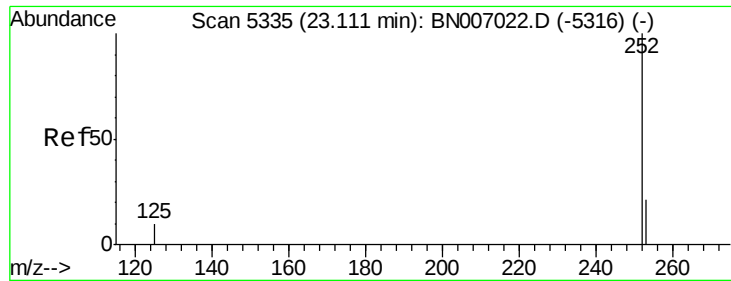
Delta R.T. -0.01 min

Lab File: BN007026.D

Acq: 08 Aug 2019 15:27

Tgt Ion:	252	Resp:	5498
Ion Ratio	Lower	Upper	
252	100		
253	30.2	18.6	28.0#
125	20.1	8.7	13.1#





#23

Benzo(a)pyrene

Concen: 0.095 ng/u1

RT: 23.11 min Scan# 5336

Delta R.T. -0.00 min

Lab File: BN007026.D

Acq: 08 Aug 2019 15:27

Instrument :

BNA_N

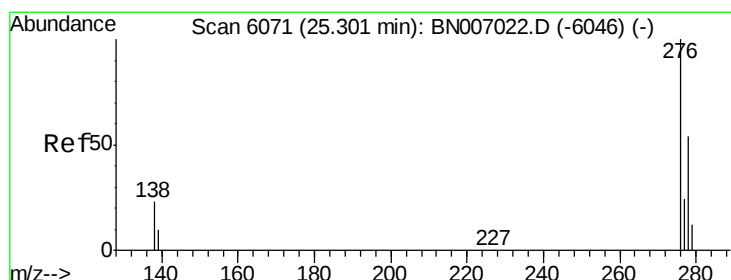
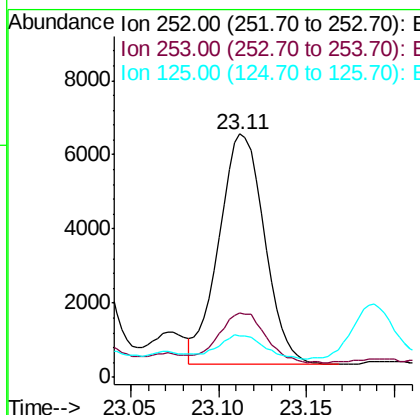
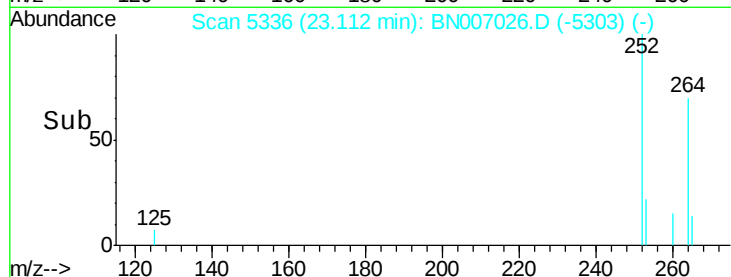
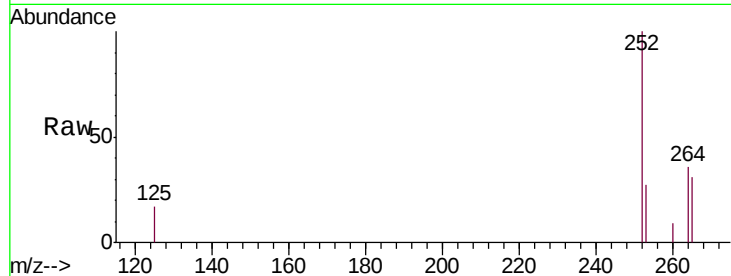
ClientSampleId :

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Tgt	Ion	252	Resp:	10980
	Ratio	Lower	Upper	
252	100			
253	26.6	18.0	27.0	
125	16.8	10.0	15.0	#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.052 ng/u1

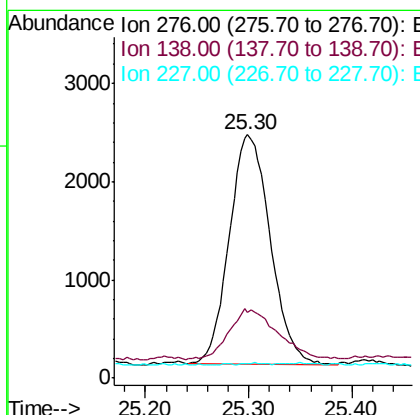
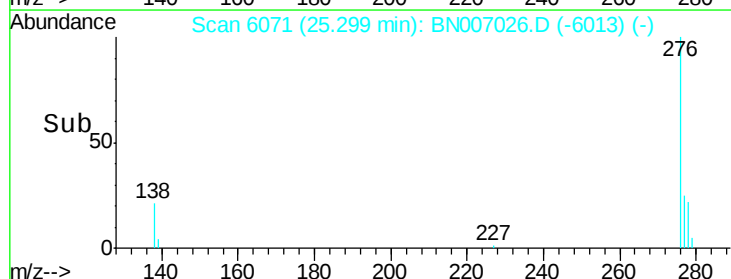
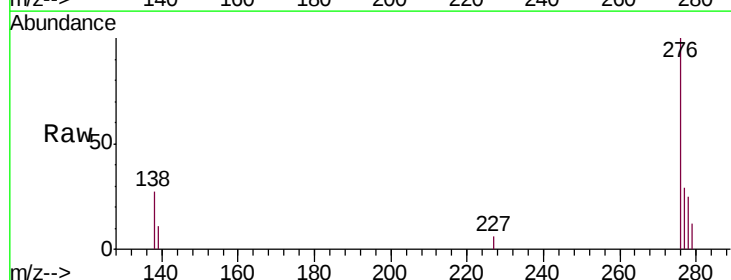
RT: 25.30 min Scan# 6071

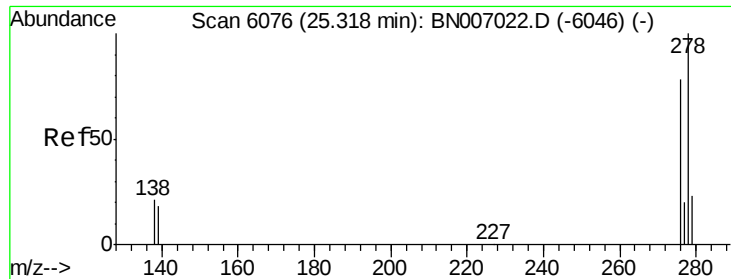
Delta R.T. -0.01 min

Lab File: BN007026.D

Acq: 08 Aug 2019 15:27

Tgt	Ion	276	Resp:	6461
	Ratio	Lower	Upper	
276	100			
138	25.8	19.9	29.9	
227	0.7	0.2	0.4	#





#25

Dibenzo(a,h)anthracene

Concen: 0.021 ng/ul

RT: 25.31 min Scan# 6075

Delta R.T. -0.01 min

Lab File: BN007026.D

Acq: 08 Aug 2019 15:27

Instrument :

BNA_N

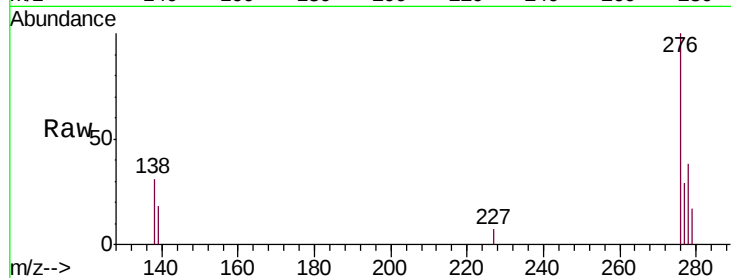
ClientSampleId :

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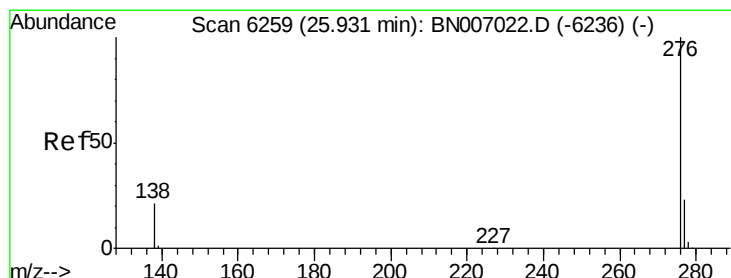
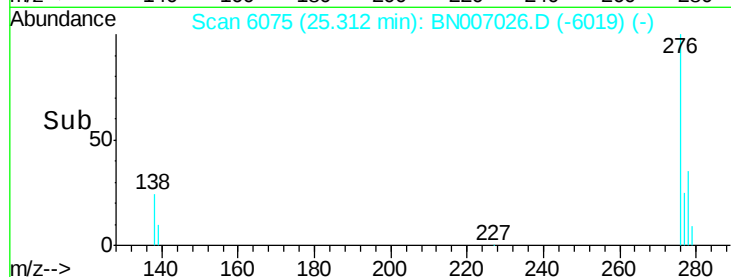
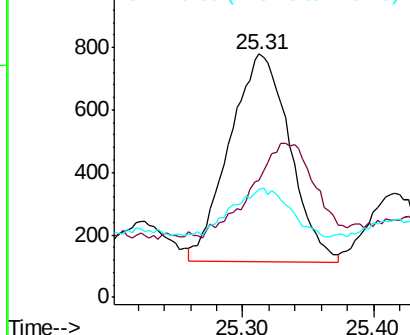
Tgt Ion:	278	Resp:	2137
Ion Ratio	Lower	Upper	
278	100		
139	48.3	14.3	21.5#
279	44.5	19.6	29.4#

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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



#26

Benzo(g,h,i)perylene

Concen: 0.063 ng/ul

RT: 25.93 min Scan# 6260

Delta R.T. -0.00 min

Lab File: BN007026.D

Acq: 08 Aug 2019 15:27

Tgt Ion:	276	Resp:	6567
Ion Ratio	Lower	Upper	
276	100		
138	26.8	18.7	28.1
277	28.1	19.3	28.9

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

