

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
 Data File : BN006997.D
 Acq On : 07 Aug 2019 20:57
 Operator : HP/JU
 Sample : K3893-15DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP19DL

Manual Integrations
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Quant Time: Aug 08 05:24:09 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	7344	0.40	ng/ul	0.00
2) Naphthalene-d8	10.23	136	29517	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.12	164	18825	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.86	188	47819	0.40	ng/ul	0.00
16) Chrysene-d12	21.08	240	40019	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	35525	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.83	152	2189	0.04	ng/ul	0.00
14) Fluoranthene-d10	18.90	212	6447	0.04	ng/ul	0.00
Target Compounds				Qvalue		
7) Acenaphthylene	13.83	152	6965	0.064	ng/ul	97
9) Fluorene	15.17	166	3713	0.041	ng/ul	99
12) Phenanthrene	16.90	178	66153	0.434	ng/ul	99
13) Anthracene	16.99	178	10576	0.068	ng/ul	97
15) Fluoranthene	18.93	202	135275	0.714	ng/ul	98
17) Pyrene	19.29	202	99920	0.559	ng/ul	99
18) Benzo(a)anthracene	21.06	228	54825	0.312	ng/ul	96
19) Chrysene	21.11	228	54910	0.334	ng/ul	97
21) Benzo(b)fluoranthene	22.58	252	61684m	0.428	ng/ul	
22) Benzo(k)fluoranthene	22.62	252	23998m	0.172	ng/ul	
23) Benzo(a)pyrene	23.11	252	37773	0.279	ng/ul#	96
24) Indeno(1,2,3-cd)pyrene	25.30	276	24504	0.168	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.31	278	6474	0.055	ng/ul#	74
26) Benzo(g,h,i)perylene	25.94	276	20666	0.169	ng/ul	97

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

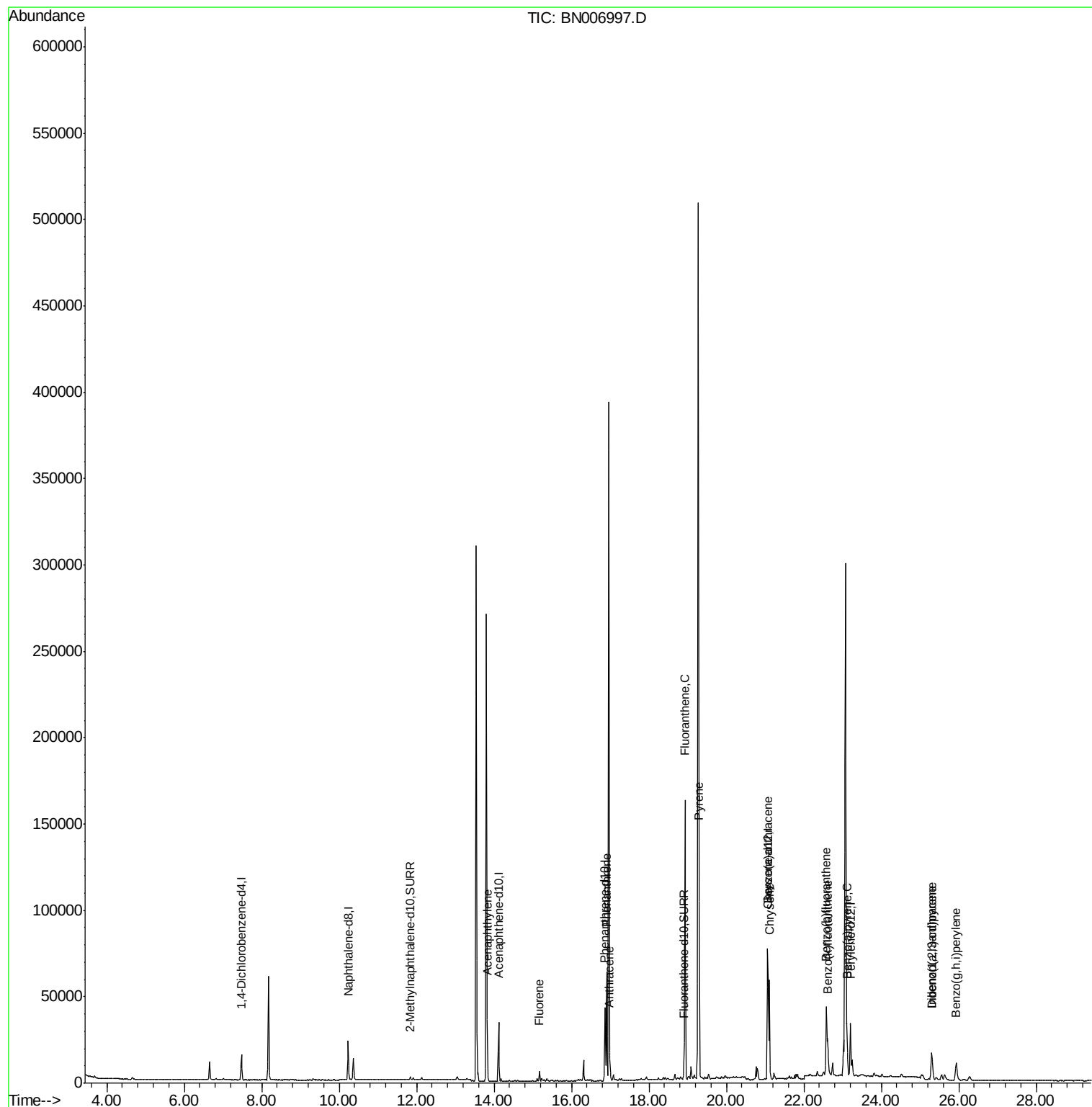
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
Data File : BN006997.D
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Sample : K3893-15DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

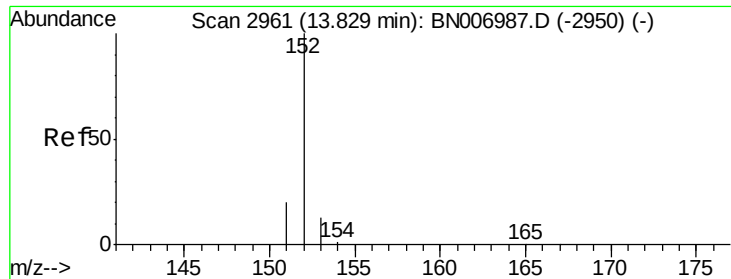
Instrument :
BNA_N
ClientSampleId :
BEP19DL

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Quant Time: Aug 08 05:24:09 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





#7

Acenaphthylene

Concen: 0.064 ng/ul

RT: 13.83 min Scan# 2961

Delta R.T. -0.00 min

Lab File: BN006997.D

Acq: 07 Aug 2019 20:57

Instrument :

BNA_N

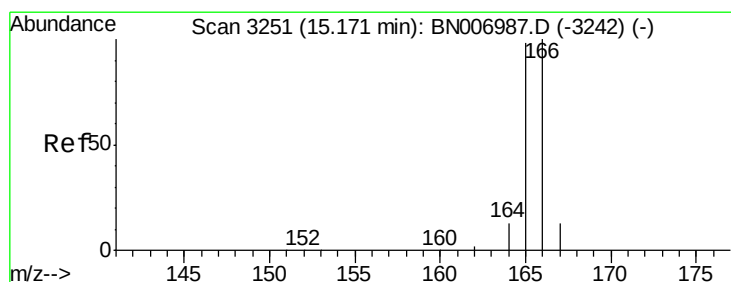
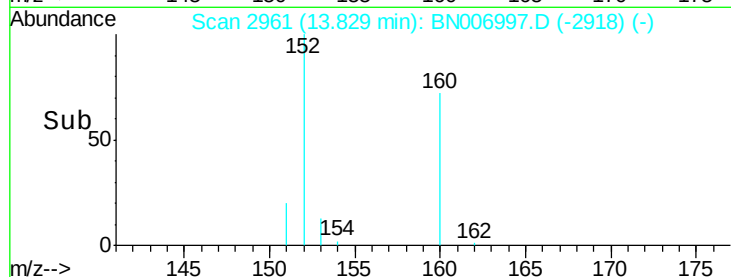
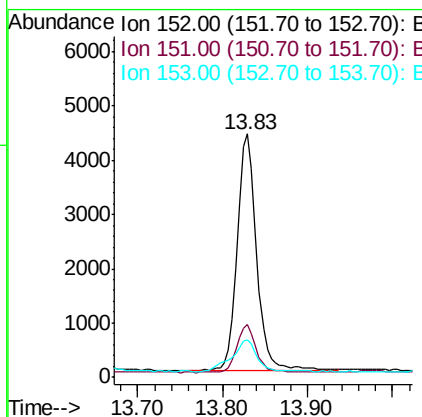
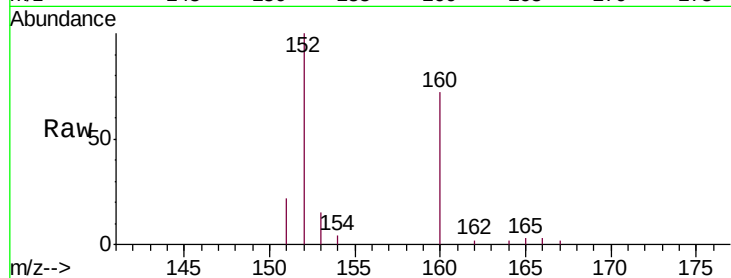
ClientSampleId :

BEP19DL

Tgt Ion:	152	Resp:	6965
Ion Ratio	Lower	Upper	
152	100		
151	21.6	16.3	24.5
153	15.2	11.0	16.4

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#9

Fluorene

Concen: 0.041 ng/ul

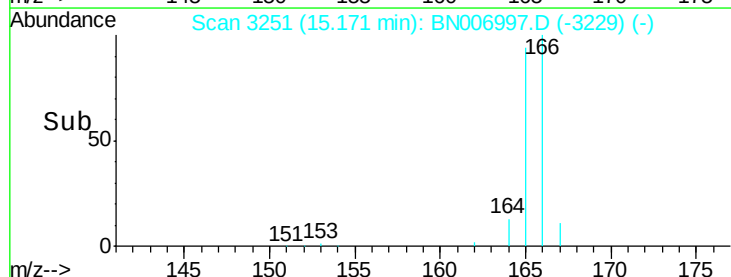
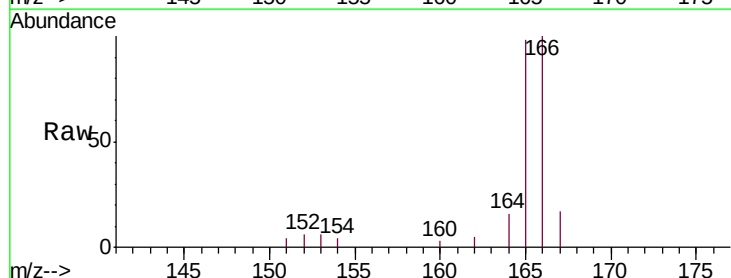
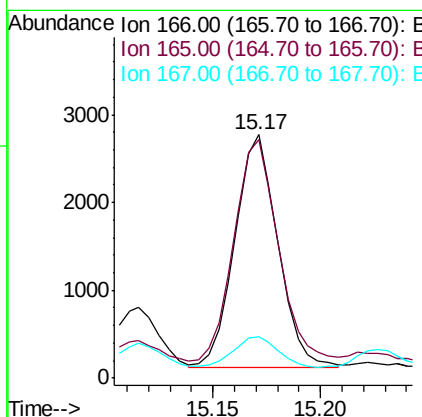
RT: 15.17 min Scan# 3251

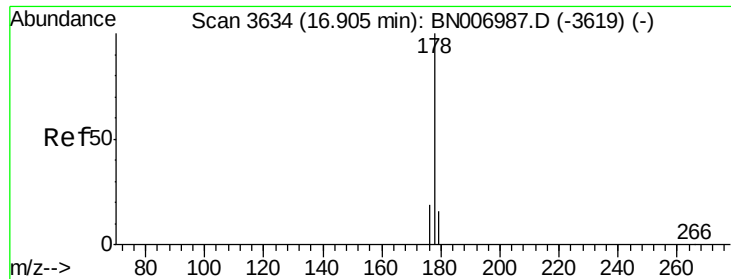
Delta R.T. -0.00 min

Lab File: BN006997.D

Acq: 07 Aug 2019 20:57

Tgt Ion:	166	Resp:	3713
Ion Ratio	Lower	Upper	
166	100		
165	98.0	78.8	118.2
167	16.9	11.3	16.9





#12

Phenanthrene

Concen: 0.434 ng/ul

RT: 16.90 min Scan# 3634

Delta R.T. -0.00 min

Lab File: BN006997.D

Acq: 07 Aug 2019 20:57

Instrument :

BNA_N

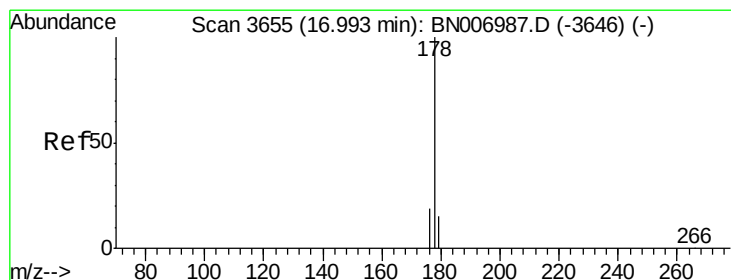
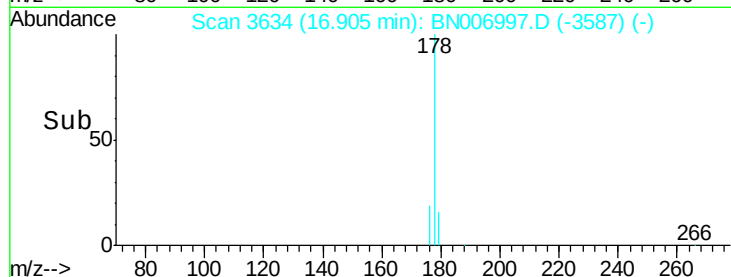
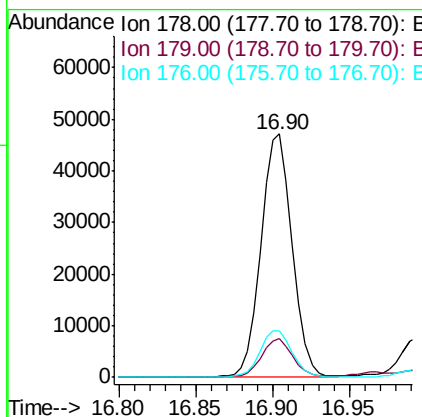
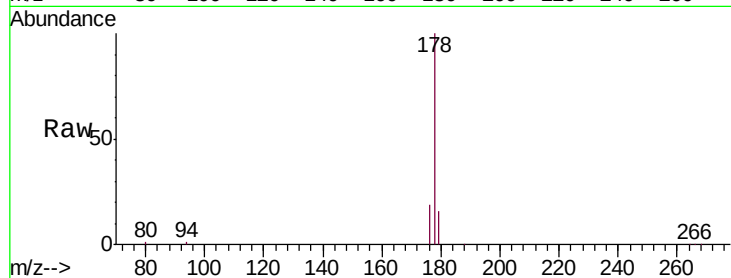
ClientSampleId :

BEP19DL

Tgt Ion:	178	Resp:	66153
Ion Ratio	Lower	Upper	
178	100		
179	15.8	12.5	18.7
176	19.0	15.6	23.4

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#13

Anthracene

Concen: 0.068 ng/ul

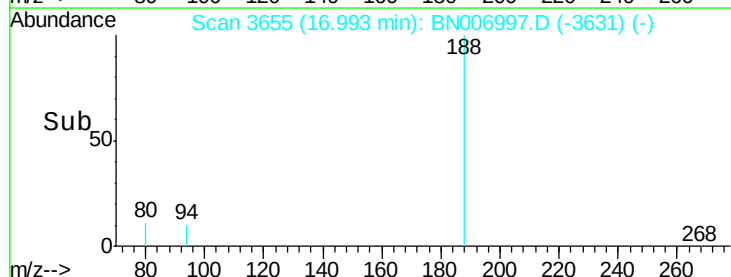
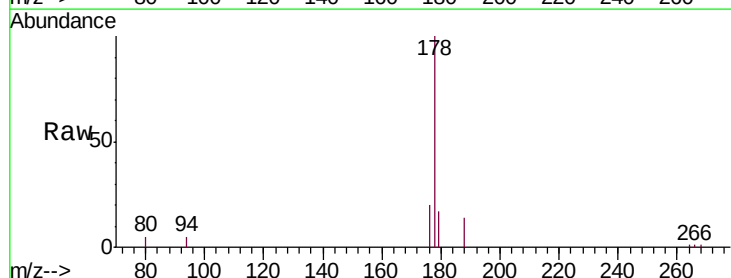
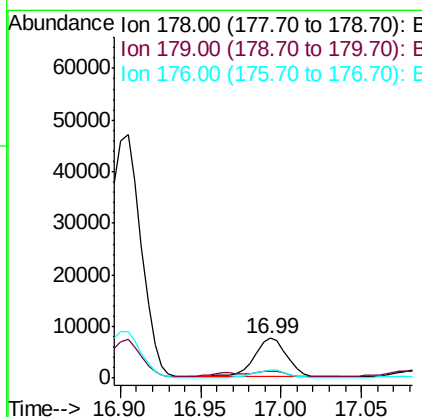
RT: 16.99 min Scan# 3655

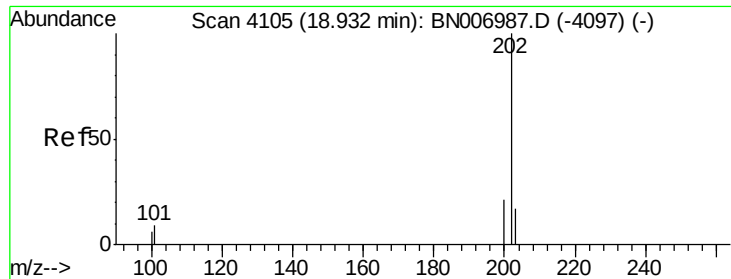
Delta R.T. -0.00 min

Lab File: BN006997.D

Acq: 07 Aug 2019 20:57

Tgt Ion:	178	Resp:	10576
Ion Ratio	Lower	Upper	
178	100		
179	17.3	12.6	18.8
176	20.1	15.4	23.0





#15

Fluoranthene

Concen: 0.714 ng/ul

RT: 18.93 min Scan# 4105

Delta R.T. -0.00 min

Lab File: BN006997.D

Acq: 07 Aug 2019 20:57

Instrument :

BNA_N

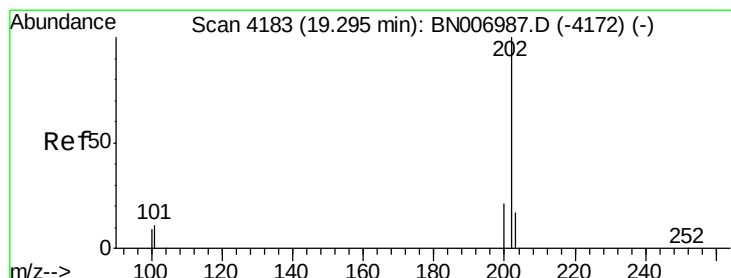
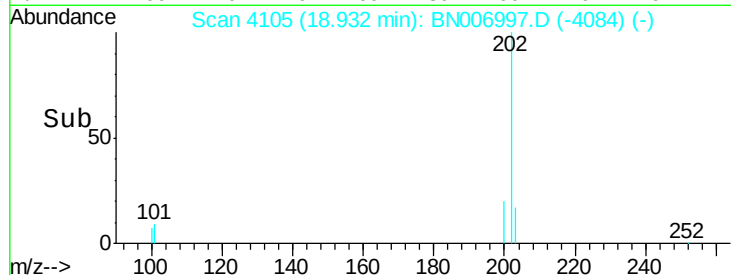
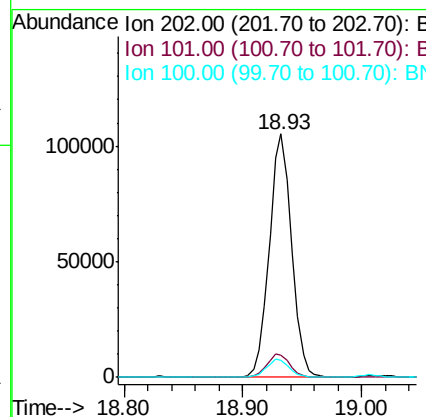
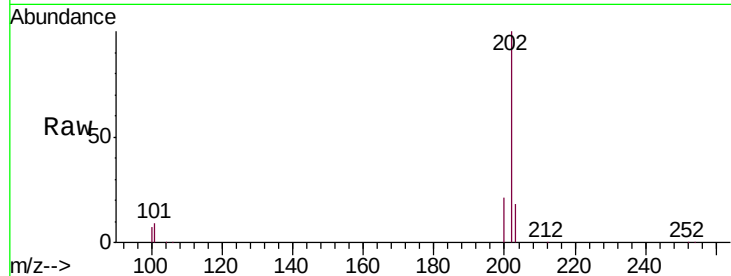
ClientSampleId :

BEP19DL

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	135275		
101	9.3	0.0	30.0	
100	7.0	0.0	27.7	

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#17

Pyrene

Concen: 0.559 ng/ul

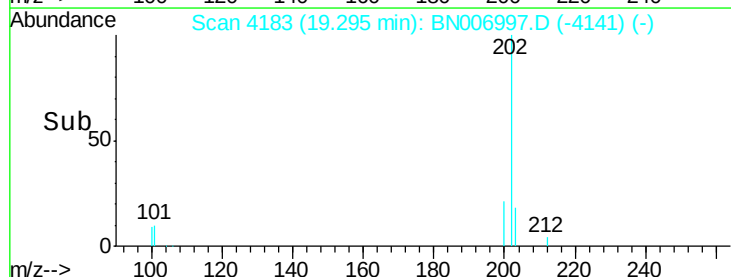
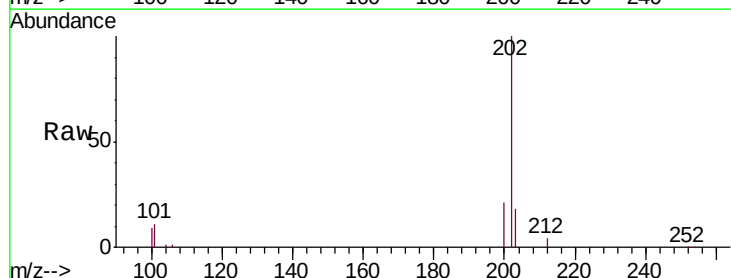
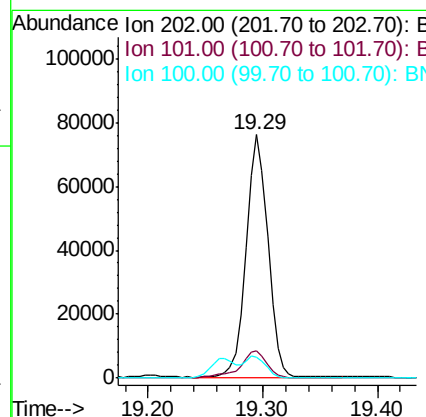
RT: 19.29 min Scan# 4183

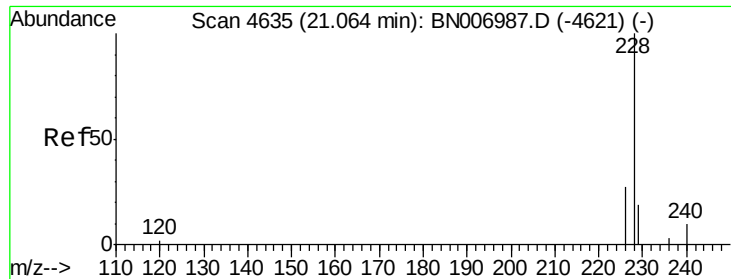
Delta R.T. -0.00 min

Lab File: BN006997.D

Acq: 07 Aug 2019 20:57

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	99920		
101	11.3	9.3	13.9	
100	8.8	7.3	10.9	





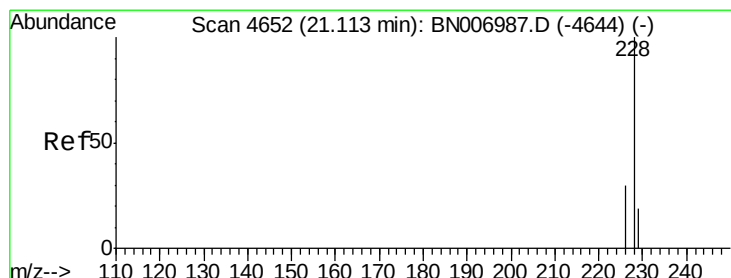
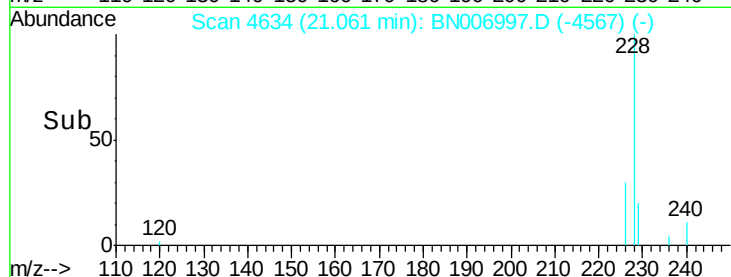
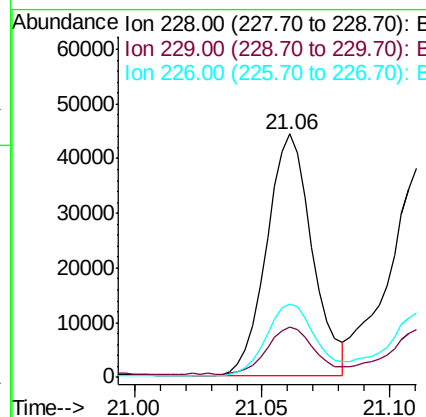
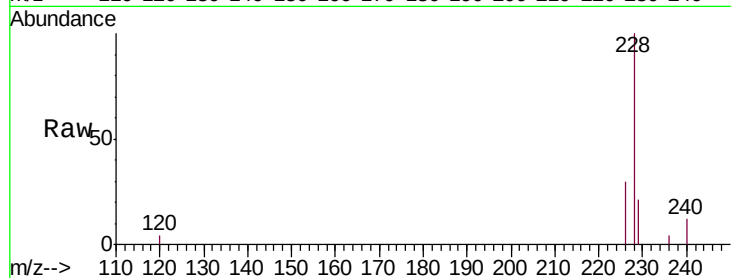
#18
Benzo(a)anthracene
Concen: 0.312 ng/ul
RT: 21.06 min Scan# 4634
Delta R.T. -0.00 min
Lab File: BN006997.D
Acq: 07 Aug 2019 20:57

Instrument :
BNA_N
ClientSampleId :
BEP19DL

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.9	23.9
226	30.2	22.2	33.4

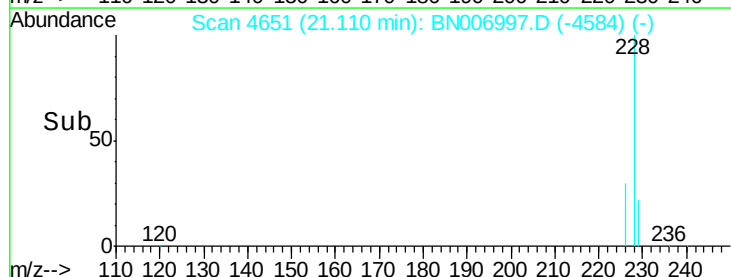
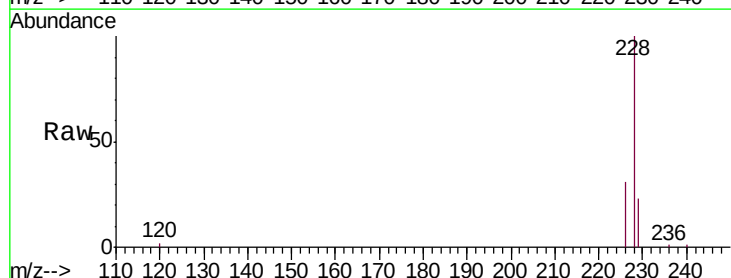
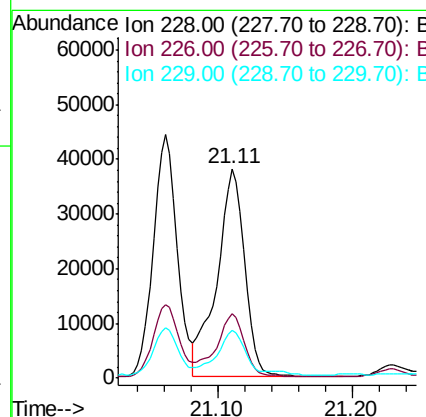
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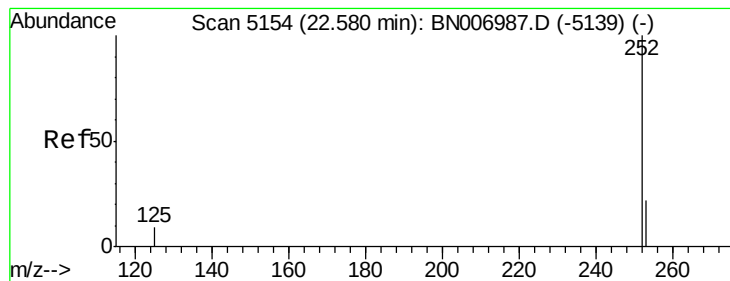
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#19
Chrysene
Concen: 0.334 ng/ul
RT: 21.11 min Scan# 4651
Delta R.T. -0.00 min
Lab File: BN006997.D
Acq: 07 Aug 2019 20:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.7	37.1
229	22.8	15.5	23.3





#21

Benzo(b)fluoranthene

Concen: 0.428 ng/ul m

RT: 22.58 min Scan# 5153

Delta R.T. -0.00 min

Lab File: BN006997.D

Acq: 07 Aug 2019 20:57

Instrument :

BNA_N

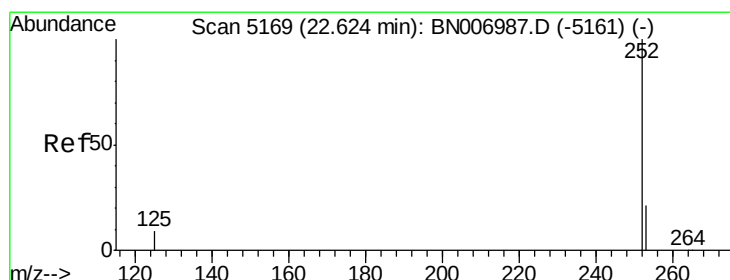
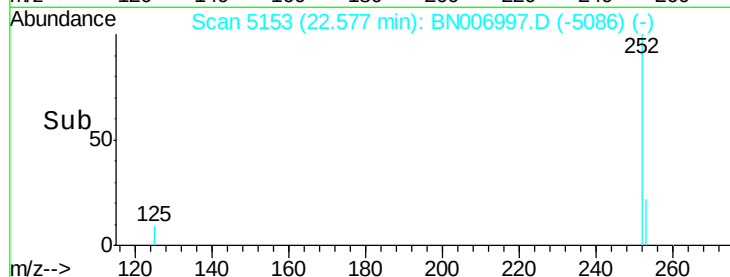
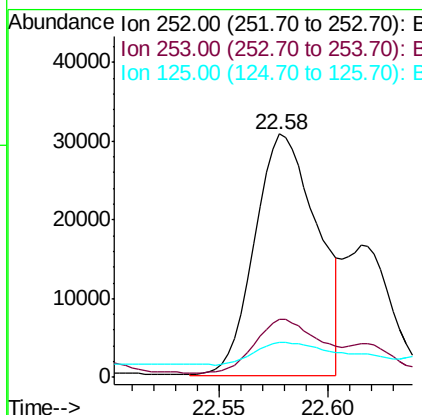
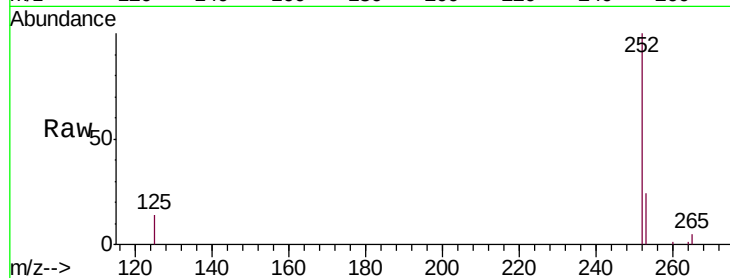
ClientSampleId :

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Tgt Ion:	252	Resp:	61684
Ion Ratio	Lower	Upper	
252	100		
253	23.7	0.0	45.2
125	14.5	0.0	22.2

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#22

Benzo(k)fluoranthene

Concen: 0.172 ng/ul m

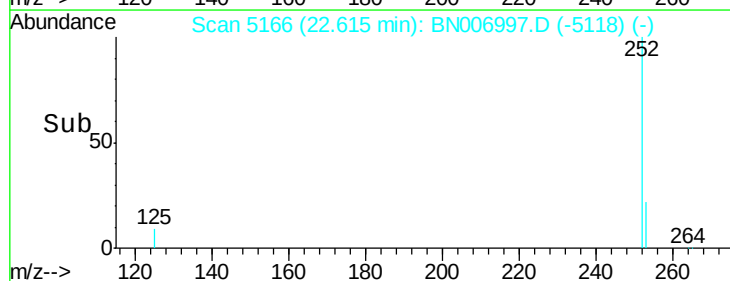
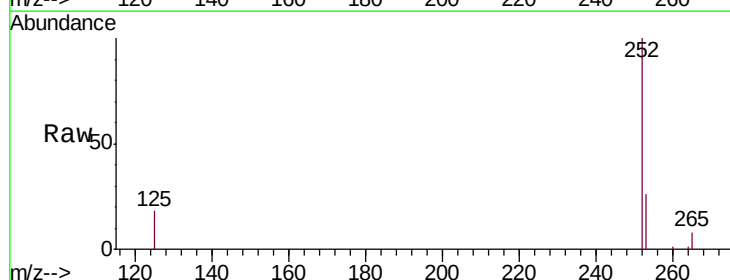
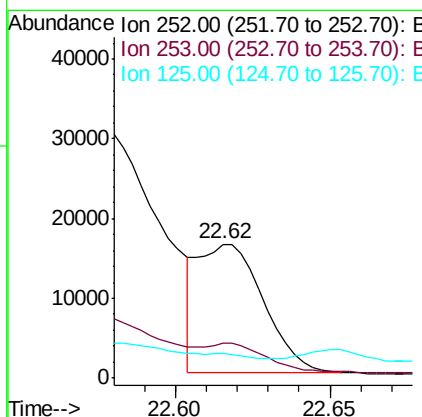
RT: 22.62 min Scan# 5166

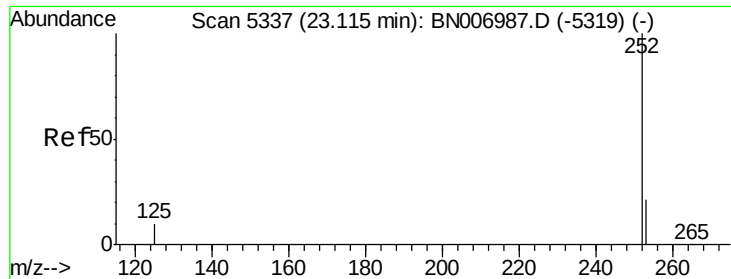
Delta R.T. -0.01 min

Lab File: BN006997.D

Acq: 07 Aug 2019 20:57

Tgt Ion:	252	Resp:	23998
Ion Ratio	Lower	Upper	
252	100		
253	25.9	18.6	28.0
125	18.1	8.7	13.1#





#23

Benzo(a)pyrene

Concen: 0.279 ng/ul

RT: 23.11 min Scan# 5336

Delta R.T. -0.00 min

Lab File: BN006997.D

Acq: 07 Aug 2019 20:57

Instrument :

BNA_N

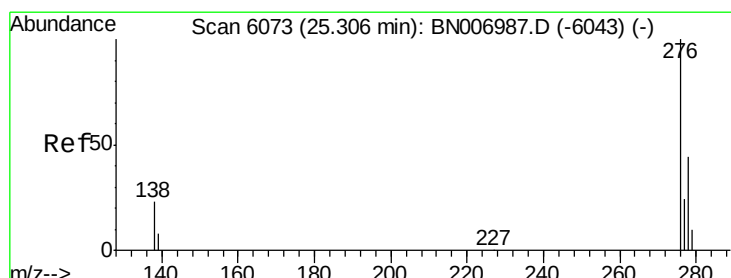
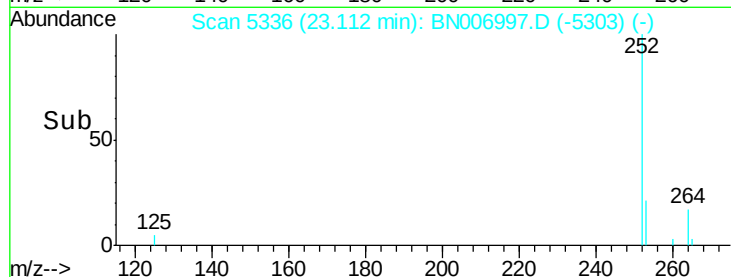
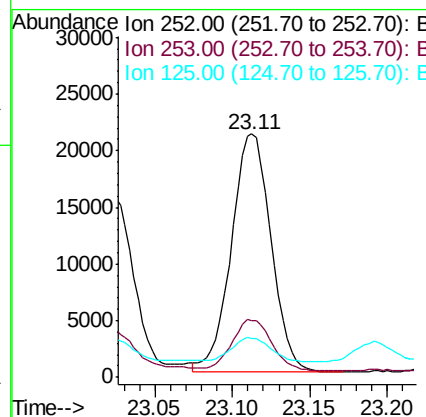
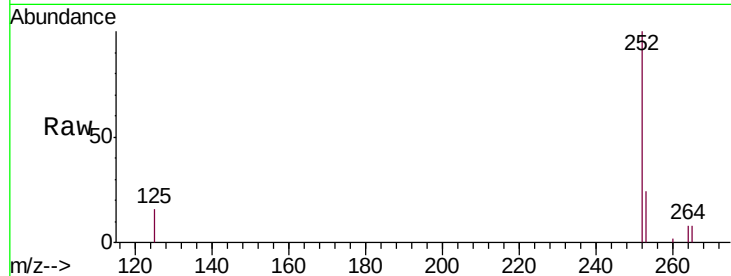
ClientSampleId :

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Tgt Ion:	252	Resp:	37773
Ion Ratio	Lower	Upper	
252	100		
253	23.5	18.0	27.0
125	16.0	10.0	15.0#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.168 ng/ul

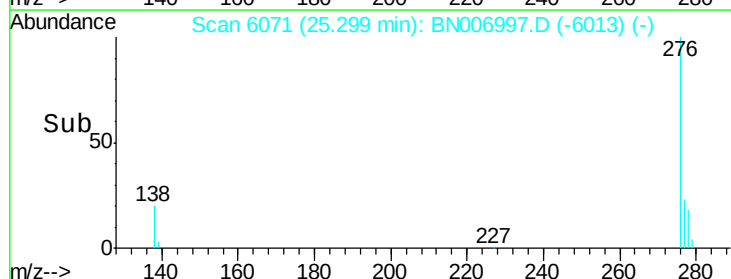
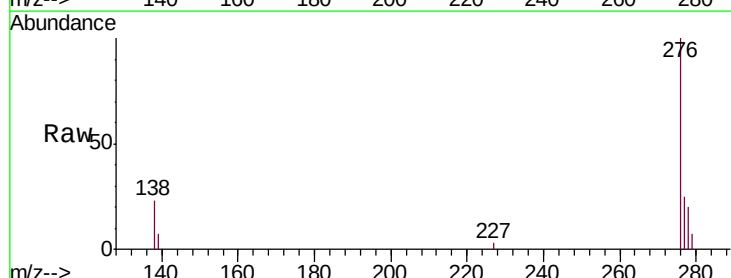
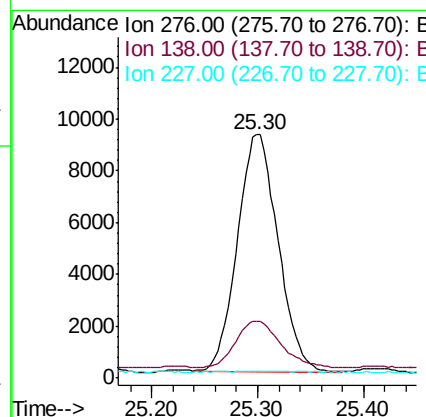
RT: 25.30 min Scan# 6071

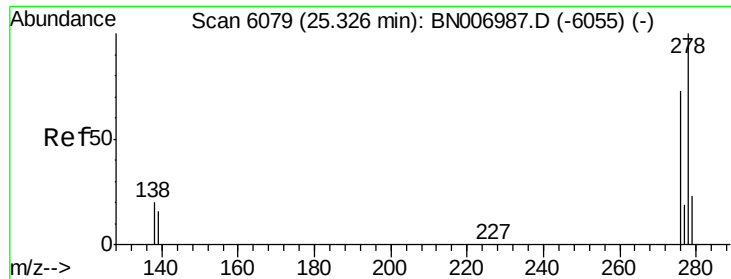
Delta R.T. -0.01 min

Lab File: BN006997.D

Acq: 07 Aug 2019 20:57

Tgt Ion:	276	Resp:	24504
Ion Ratio	Lower	Upper	
276	100		
138	21.9	19.9	29.9
227	0.0	0.2	0.4#





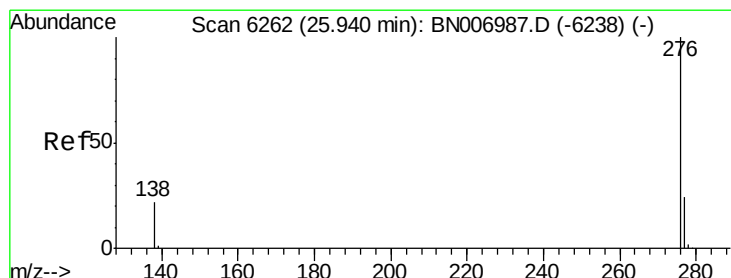
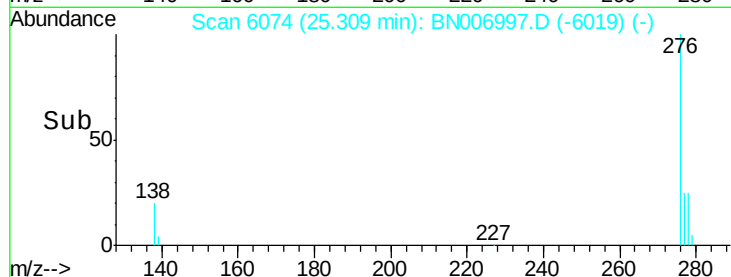
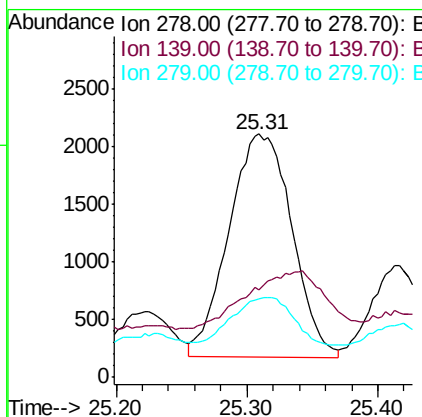
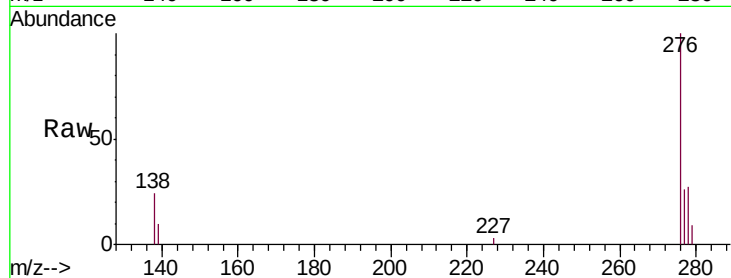
#25
Dibenzo(a,h)anthracene
Concen: 0.055 ng/ul
RT: 25.31 min Scan# 6074
Delta R.T. -0.02 min
Lab File: BN006997.D
Acq: 07 Aug 2019 20:57

Instrument :
BNA_N
ClientSampleId :
BEP19DL

Tgt Ion	Ratio	Lower	Upper
278	100		
139	36.2	14.3	21.5#
279	32.1	19.6	29.4#

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#26
Benzo(g,h,i)perylene
Concen: 0.169 ng/ul
RT: 25.94 min Scan# 6261
Delta R.T. -0.00 min
Lab File: BN006997.D
Acq: 07 Aug 2019 20:57

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.8	18.7	28.1
277	25.5	19.3	28.9

