

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080919\
 Data File : BN007040.D
 Acq On : 09 Aug 2019 14:38
 Operator : HP/JU
 Sample : K3962-15DL 5X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP08DL

Manual Integrations
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mohammad
 8/14/2019 2:49:41 AM

Quant Time: Aug 09 17:17:46 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	7.46	152	6242	0.40	ng/ul	0.00
2) Naphthalene-d8	10.22	136	22761	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.11	164	13069	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.86	188	31414	0.40	ng/ul	0.00
16) Chrysene-d12	21.08	240	27122	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	31389	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.82	152	5862	0.14	ng/ul	-0.01
14) Fluoranthene-d10	18.90	212	13439	0.13	ng/ul	0.00

Target Compounds				Qvalue		
11) Pentachlorophenol	16.52	266	380	0.044	ng/ul	89
12) Phenanthrene	16.90	178	11129	0.111	ng/ul	99
13) Anthracene	16.99	178	2700	0.026	ng/ul#	90
15) Fluoranthene	18.93	202	21830	0.175	ng/ul	99
17) Pyrene	19.29	202	25782	0.213	ng/ul	100
18) Benzo(a)anthracene	21.06	228	14607	0.123	ng/ul	95
19) Chrysene	21.12	228	15419	0.138	ng/ul	97
21) Benzo(b)fluoranthene	22.59	252	22590	0.178	ng/ul	92
22) Benzo(k)fluoranthene	22.59	252	22590	0.183	ng/ul#	93
23) Benzo(a)pyrene	23.12	252	12997	0.108	ng/ul#	93
24) Indeno(1,2,3-cd)pyrene	25.31	276	7923	0.061	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.32	278	2541	0.025	ng/ul#	59
26) Benzo(g,h,i)perylene	25.94	276	8110	0.075	ng/ul	96

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

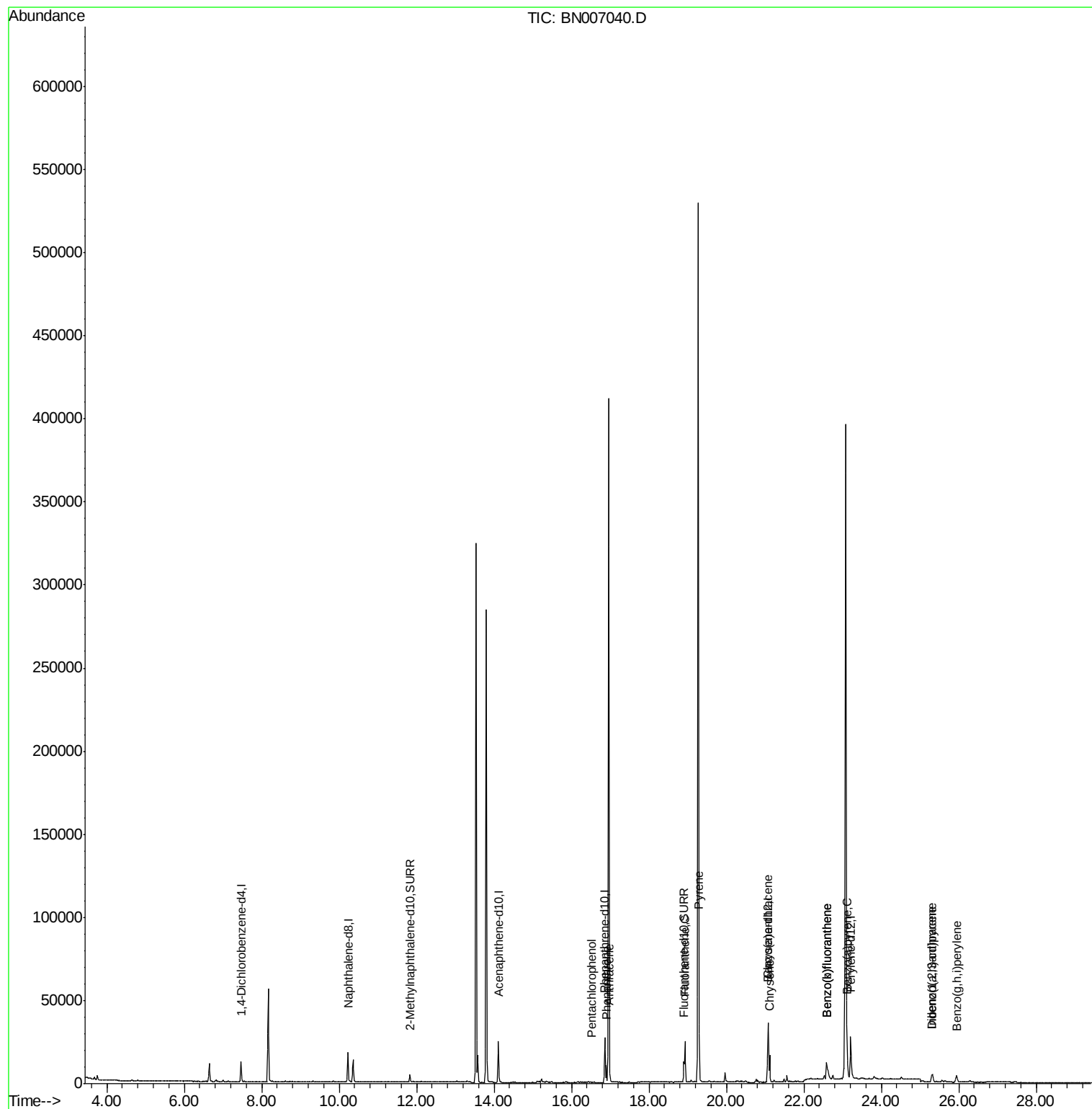
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080919\
Data File : BN007040.D
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Misc :
ALS Vial : 3 Sample Multiplier: 1

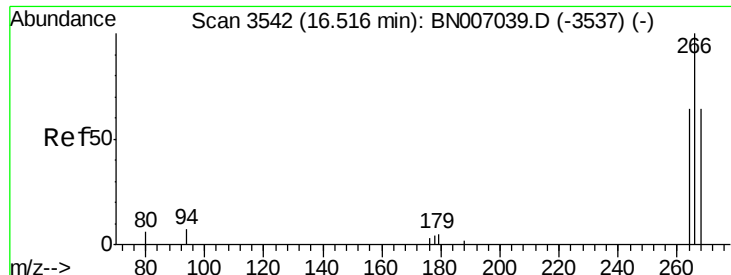
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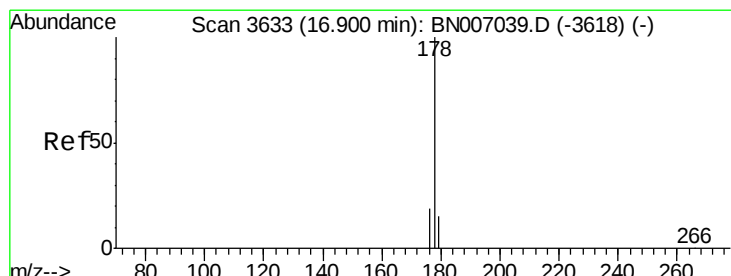
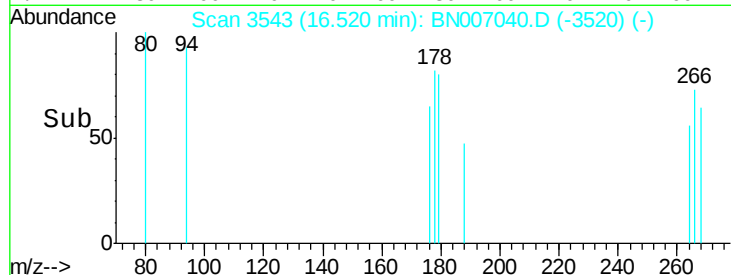
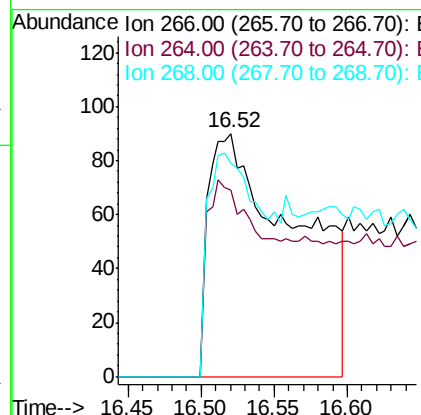
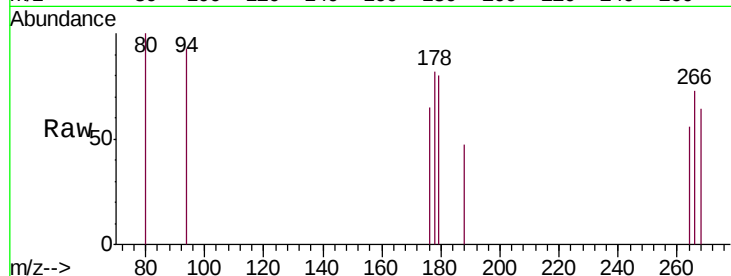
#11
 Pentachlorophenol
 Concen: 0.044 ng/ul
 RT: 16.52 min Scan# 3543
 Delta R.T. 0.00 min
 Lab File: BN007040.D
 Acq: 09 Aug 2019 14:38

Instrument :
 BNA_N
 ClientSampleId :
 BEP08DL

Tgt Ion	Ratio	Lower	Upper
266	100		
264	82.4	55.7	83.5
268	101.8	75.2	112.8

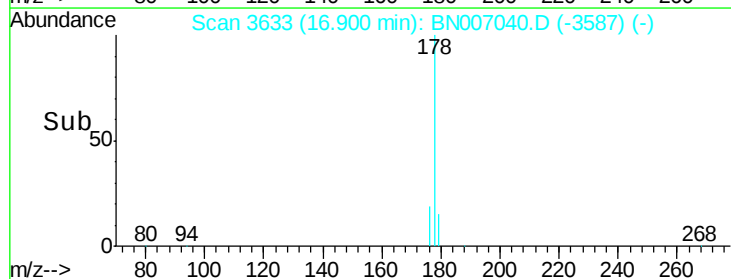
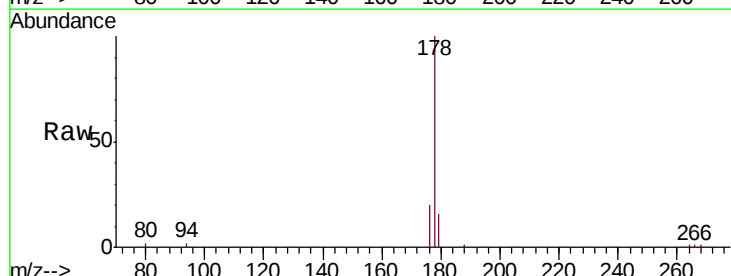
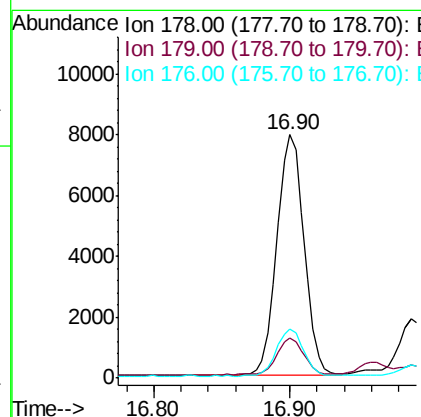
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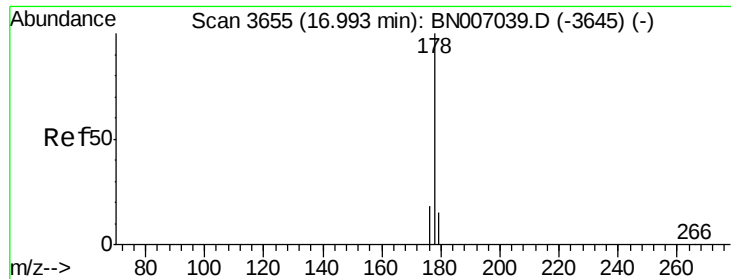
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#12
 Phenanthrene
 Concen: 0.111 ng/ul
 RT: 16.90 min Scan# 3633
 Delta R.T. -0.00 min
 Lab File: BN007040.D
 Acq: 09 Aug 2019 14:38

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.5	18.7
176	20.0	15.6	23.4





#13

Anthracene

Concen: 0.026 ng/ul

RT: 16.99 min Scan# 3654

Delta R.T. -0.00 min

Lab File: BN007040.D

Acq: 09 Aug 2019 14:38

Instrument :

BNA_N

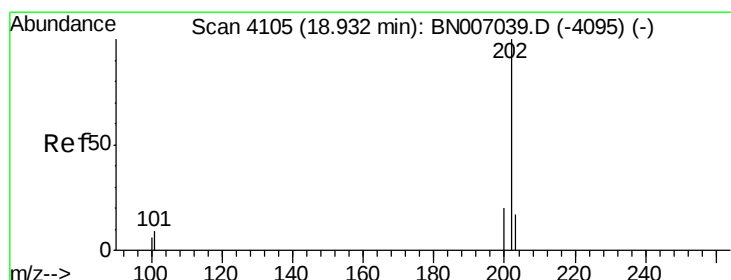
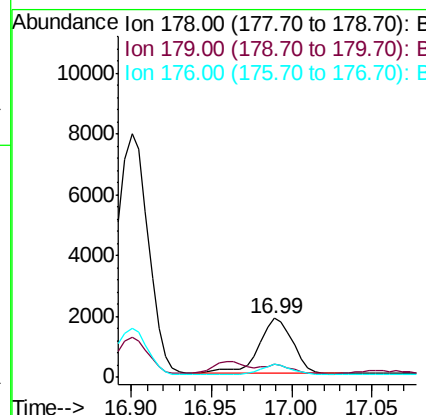
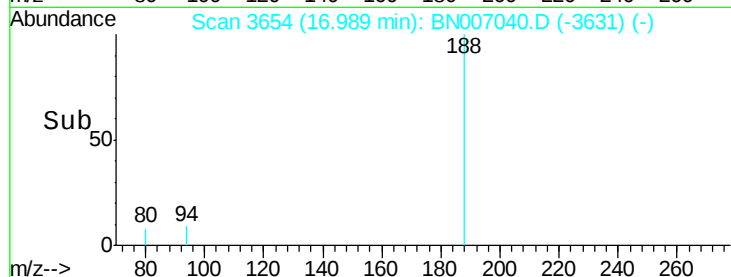
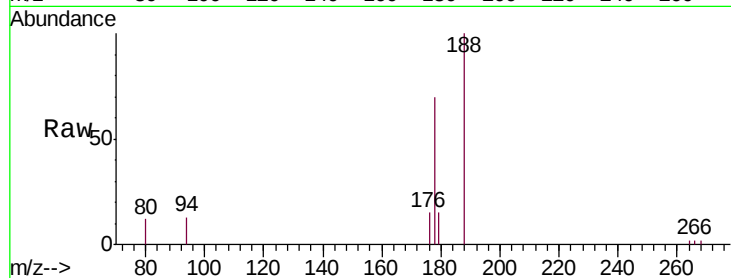
ClientSampled :

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Tgt Ion:	178	Resp:	2700
Ion Ratio	Lower	Upper	
178	100		
179	21.8	12.6	18.8#
176	22.0	15.4	23.0

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#15

Fluoranthene

Concen: 0.175 ng/ul

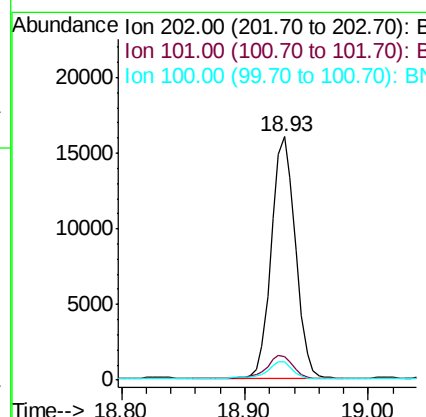
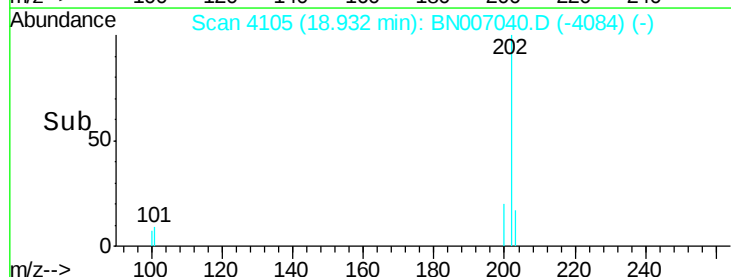
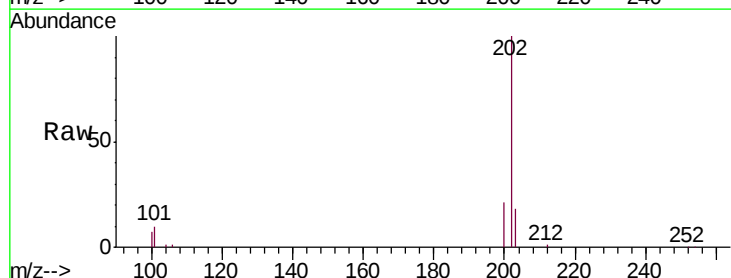
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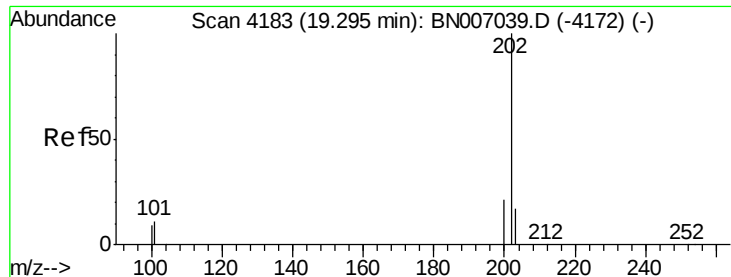
Delta R.T. -0.00 min

Lab File: BN007040.D

Acq: 09 Aug 2019 14:38

Tgt Ion:	202	Resp:	21830
Ion Ratio	Lower	Upper	
202	100		
101	9.5	0.0	30.0
100	7.3	0.0	27.7





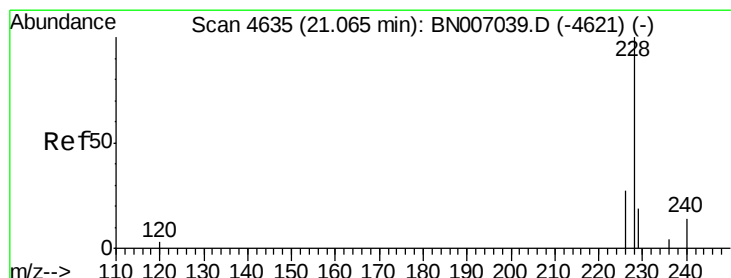
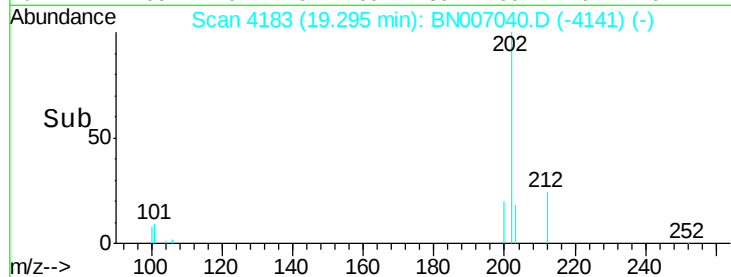
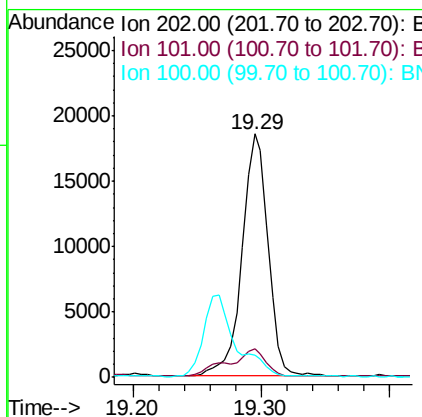
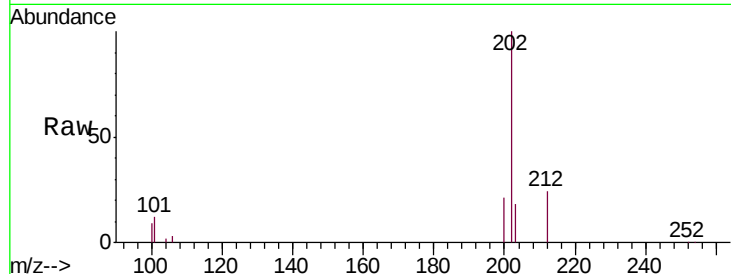
#17
 Pyrene
 Concen: 0.213 ng/ul
 RT: 19.29 min Scan# 4183
 Delta R.T. -0.00 min
 Lab File: BN007040.D
 Acq: 09 Aug 2019 14:38

Instrument :
 BNA_N
 ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.6	9.3	13.9
100	9.1	7.3	10.9

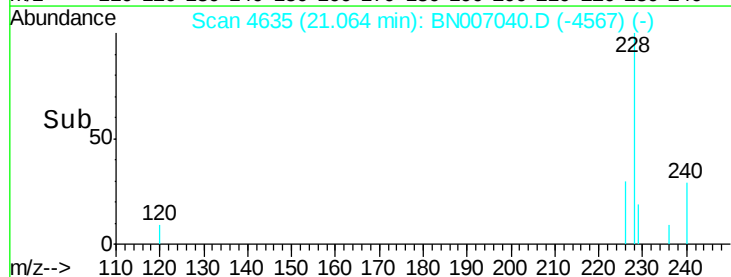
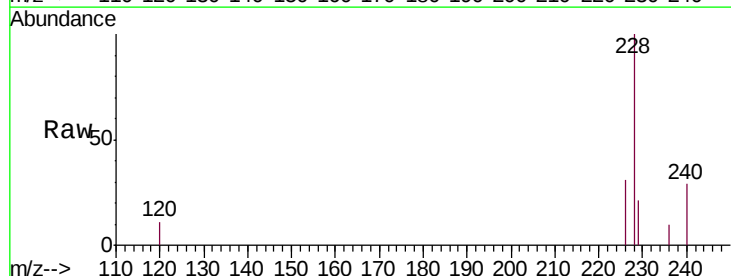
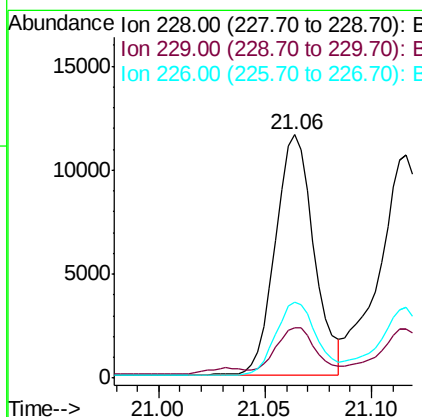
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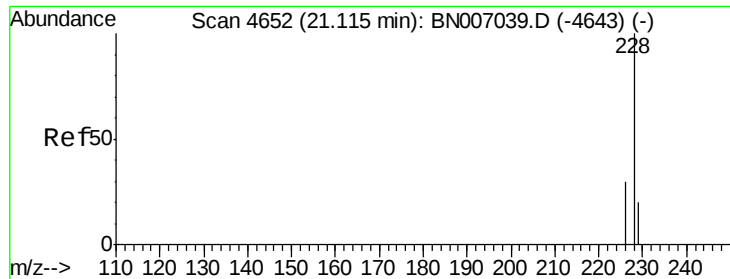
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#18
 Benzo(a)anthracene
 Concen: 0.123 ng/ul
 RT: 21.06 min Scan# 4635
 Delta R.T. -0.00 min
 Lab File: BN007040.D
 Acq: 09 Aug 2019 14:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.9	15.9	23.9
226	31.2	22.2	33.4





#19

Chrysene

Concen: 0.138 ng/ul

RT: 21.12 min Scan# 4653

Delta R.T. 0.00 min

Lab File: BN007040.D

Acq: 09 Aug 2019 14:38

Instrument :

BNA_N

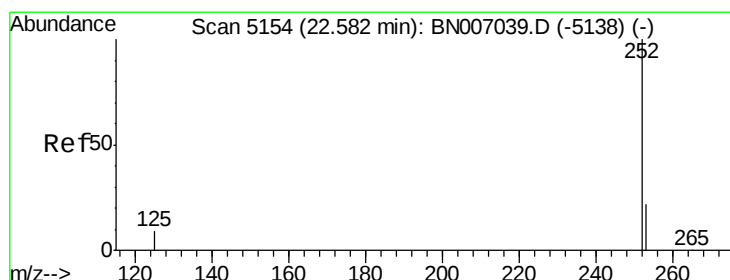
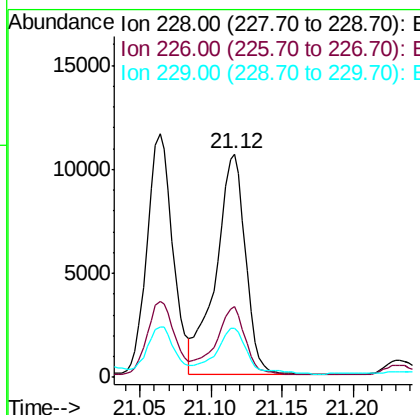
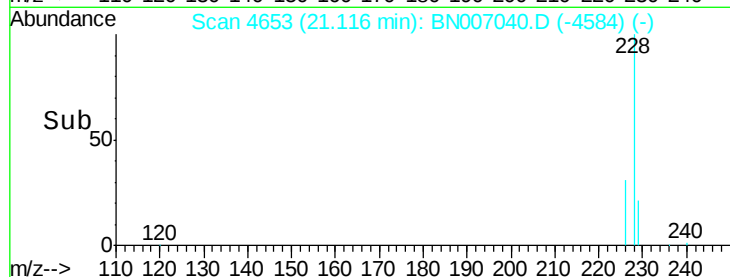
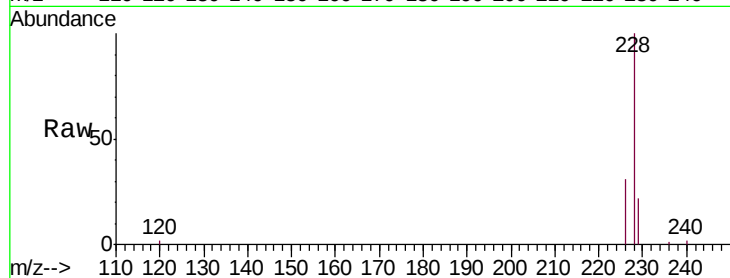
ClientSampleId :

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Tgt Ion:	228	Resp:	15419
Ion Ratio	Lower	Upper	
228	100		
226	31.4	24.7	37.1
229	22.1	15.5	23.3

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#21

Benzo(b)fluoranthene

Concen: 0.178 ng/ul

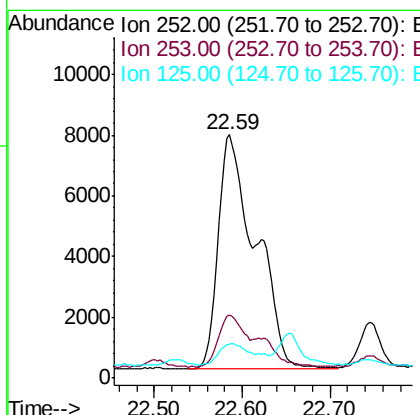
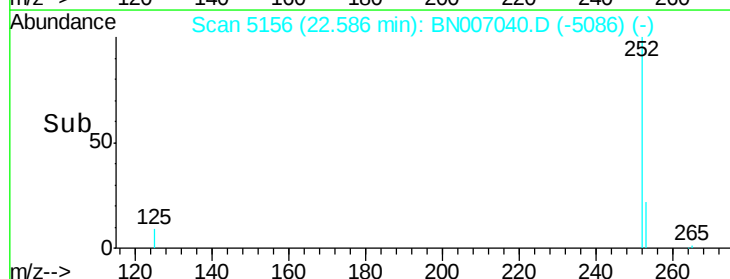
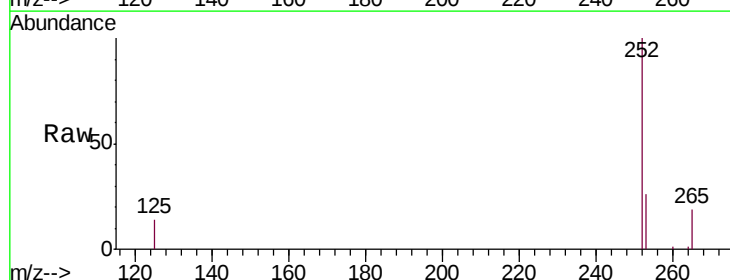
RT: 22.59 min Scan# 5156

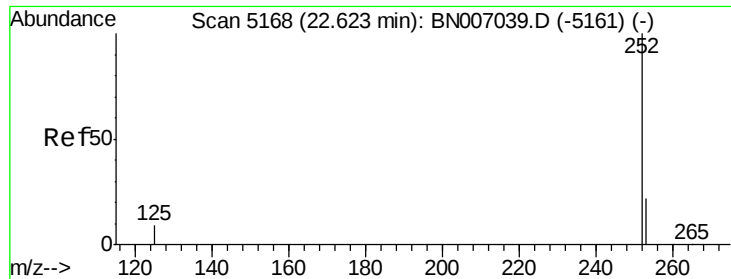
Delta R.T. 0.01 min

Lab File: BN007040.D

Acq: 09 Aug 2019 14:38

Tgt Ion:	252	Resp:	22590
Ion Ratio	Lower	Upper	
252	100		
253	26.2	0.0	45.2
125	14.1	0.0	22.2





#22

Benzo(k)fluoranthene

Concen: 0.183 ng/u1

RT: 22.59 min Scan# 5156

Delta R.T. -0.04 min

Lab File: BN007040.D

Acq: 09 Aug 2019 14:38

Instrument :

BNA_N

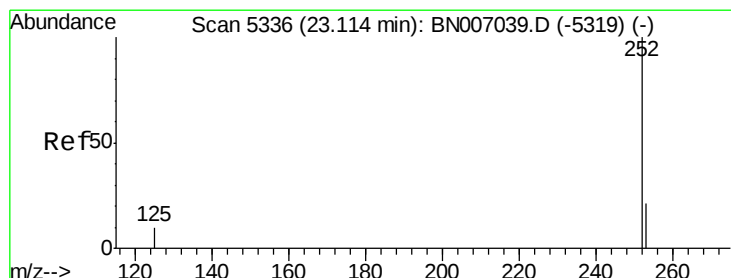
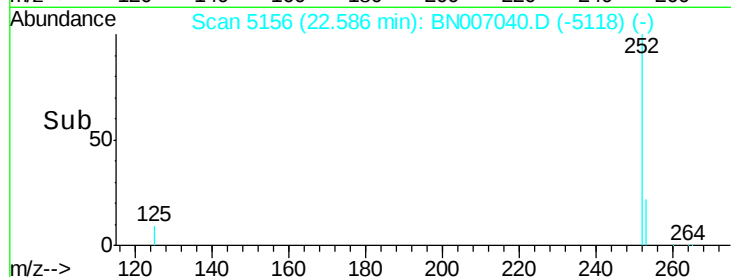
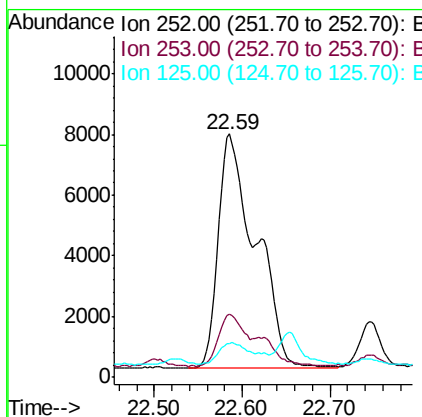
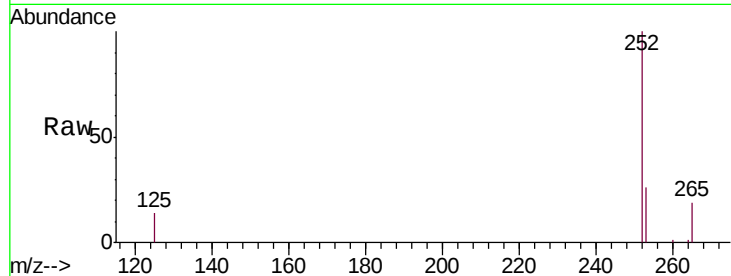
ClientSampleId :

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Tgt Ion	Ratio	Resp	Lower	Upper
252	100	22590		
253	26.2	18.6	28.0	
125	14.1	8.7	13.1	

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#23

Benzo(a)pyrene

Concen: 0.108 ng/u1

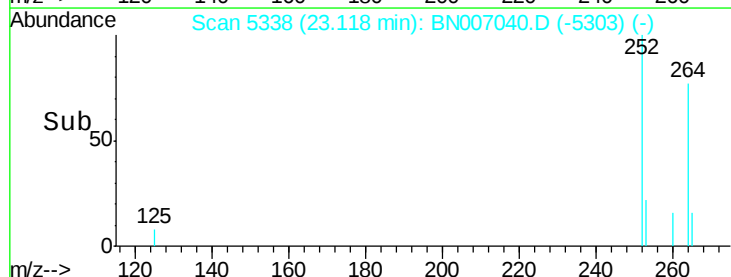
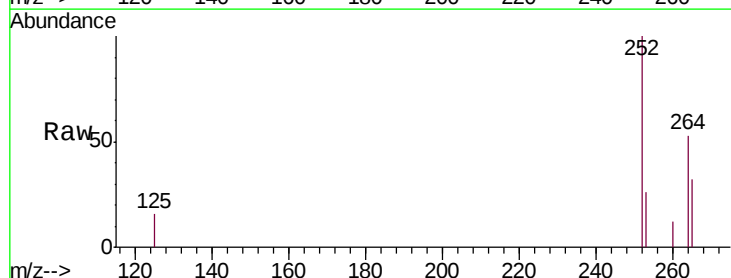
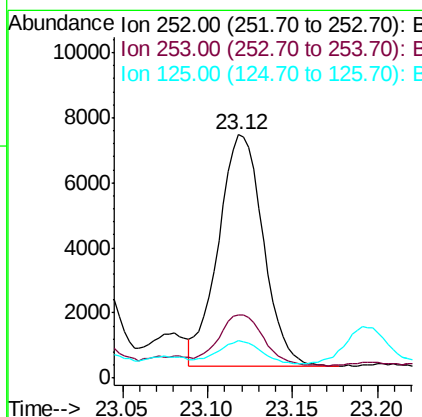
RT: 23.12 min Scan# 5338

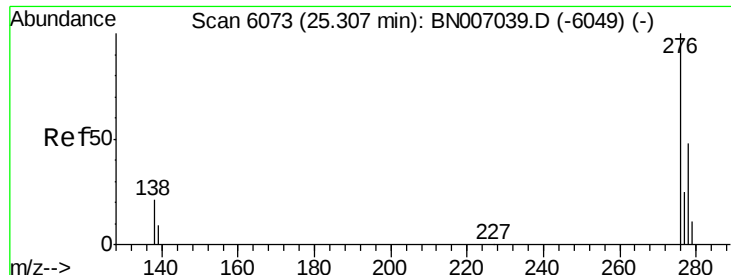
Delta R.T. 0.00 min

Lab File: BN007040.D

Acq: 09 Aug 2019 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	12997		
253	25.8	18.0	27.0	
125	15.6	10.0	15.0	





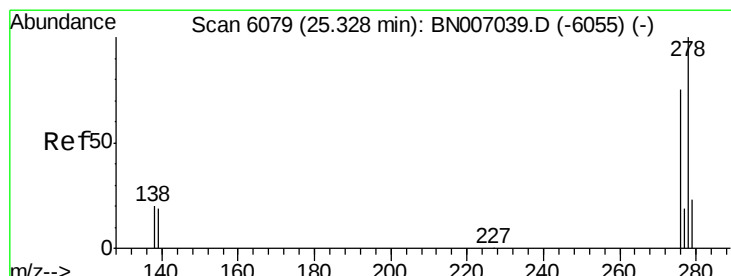
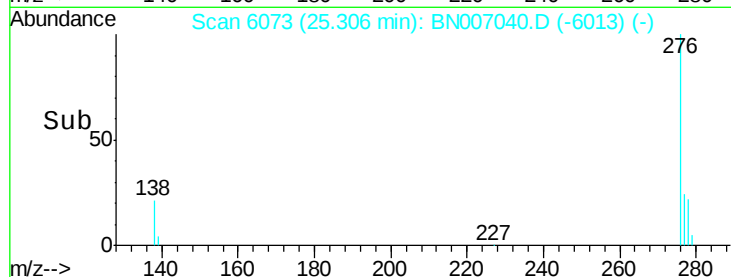
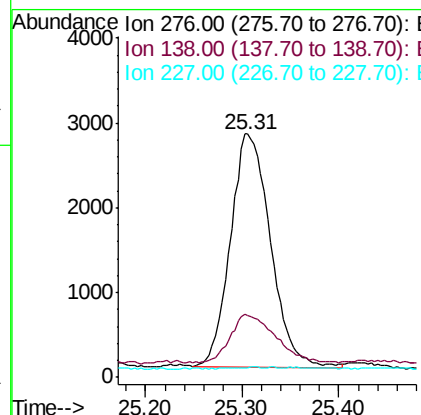
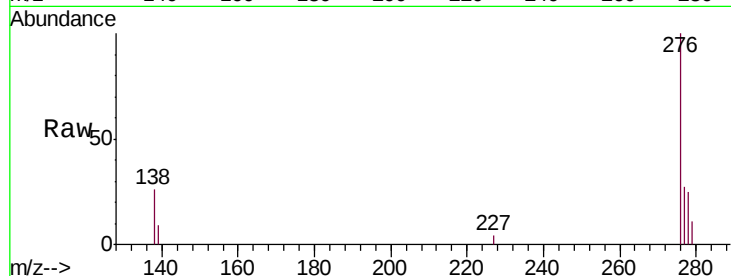
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.061 ng/ul
 RT: 25.31 min Scan# 6073
 Delta R.T. -0.00 min
 Lab File: BN007040.D
 Acq: 09 Aug 2019 14:38

Instrument :
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Tgt Ion	Ratio	Resp	Lower	Upper
276	100	7923		
138	23.5	19.9	29.9	
227	0.6	0.2	0.4	

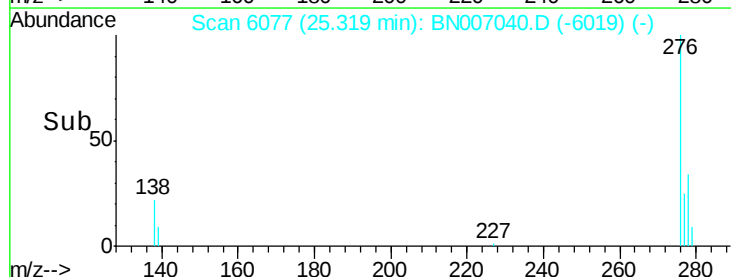
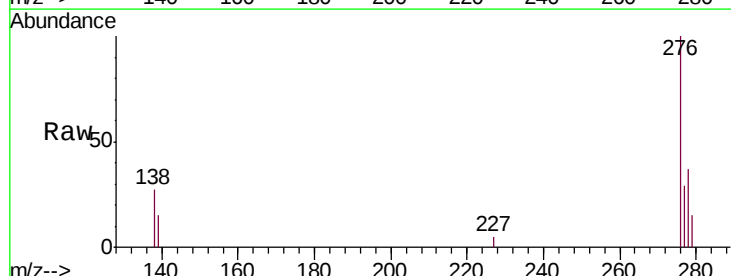
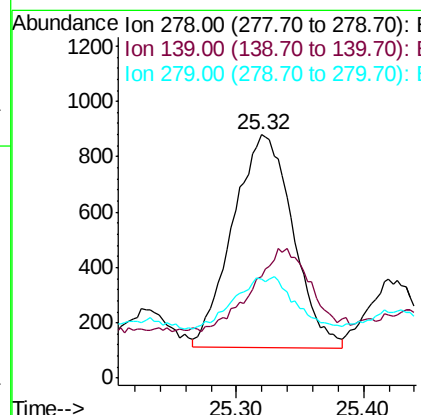
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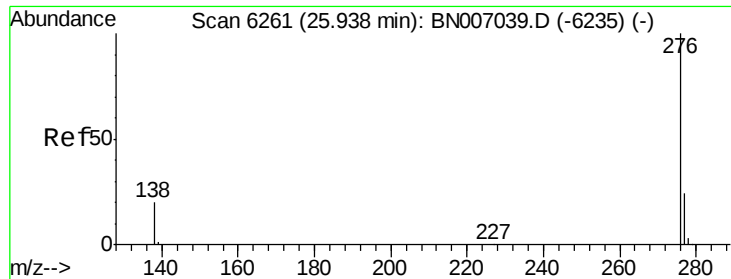
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#25
 Dibenzo(a,h)anthracene
 Concen: 0.025 ng/ul
 RT: 25.32 min Scan# 6077
 Delta R.T. -0.01 min
 Lab File: BN007040.D
 Acq: 09 Aug 2019 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	2541		
139	41.5	14.3	21.5	
279	40.5	19.6	29.4	





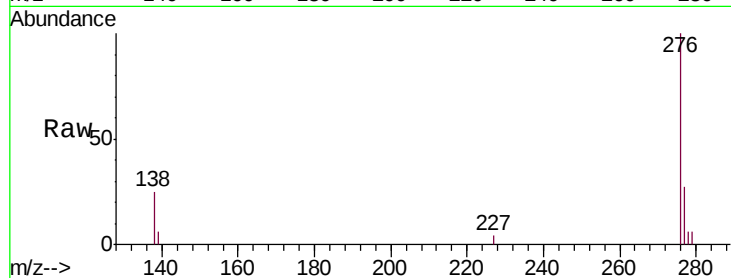
#26
 Benzo(g,h,i)perylene
 Concen: 0.075 ng/ul
 RT: 25.94 min Scan# 6263
 Delta R.T. 0.01 min
 Lab File: BN007040.D
 Acq: 09 Aug 2019 14:38

Instrument :
 BNA_N
 ClientSampleId :
 BEP08DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	24.6	18.7	28.1
277	27.2	19.3	28.9

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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

