

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121518\
 Data File : BN003984.D
 Acq On : 16 Dec 2018 07:05
 Operator : JU/SJ
 Sample : J6171-16DL 5X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9Y26DL

Manual Integrations
 APPROVED

Sohil
 12/17/2018 4:24:16 PM

Quant Time: Dec 17 00:40:43 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 17 00:13:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	3323	0.40	ng/ul	0.00
2) Naphthalene-d8	10.64	136	14823	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.48	164	8396	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	19794	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	19355	0.40	ng/ul	0.01
20) Perylene-d12	23.73	264	17955	0.40	ng/ul	0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	1163	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.25	212	3145	0.05	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.69	128	4421	0.106	ng/ul#	94
5) 2-Methylnaphthalene	12.30	142	8454	0.291	ng/ul	99
9) Fluorene	15.53	166	1264	0.033	ng/ul#	83
12) Phenanthrene	17.26	178	79985	1.231	ng/ul	99
13) Anthracene	17.35	178	6844	0.128	ng/ul#	84
15) Fluoranthene	19.28	202	13892	0.181	ng/ul	89
17) Pyrene	19.64	202	68745	0.990	ng/ul	96
18) Benzo(a)anthracene	21.39	228	21491	0.352	ng/ul#	35
19) Chrysene	21.44	228	42858	0.613	ng/ul#	63
21) Benzo(b)fluoranthene	23.02	252	9835m	0.132	ng/ul	
23) Benzo(a)pyrene	23.63	252	16243	0.253	ng/ul#	15
24) Indeno(1,2,3-cd)pyrene	26.10	276	20811	0.282	ng/ul#	98
25) Dibenzo(a,h)anthracene	26.09	278	6416	0.108	ng/ul#	1
26) Benzo(g,h,i)perylene	26.84	276	110181	1.719	ng/ul#	84

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

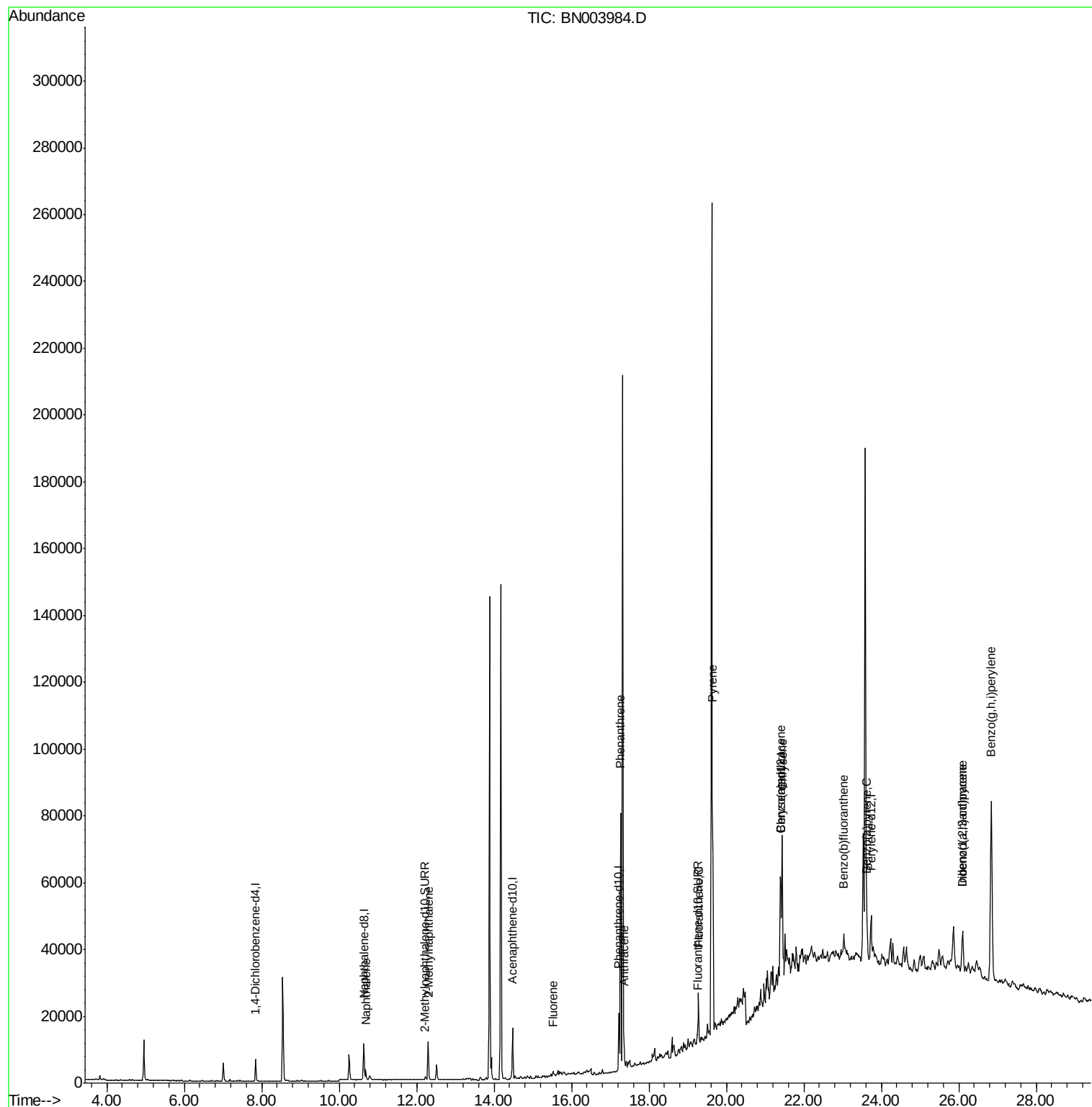
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121518\
Data File : BN003984.D
Acq On : 16 Dec 2018 07:05
Operator : JU/SJ
Sample : J6171-16DL 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

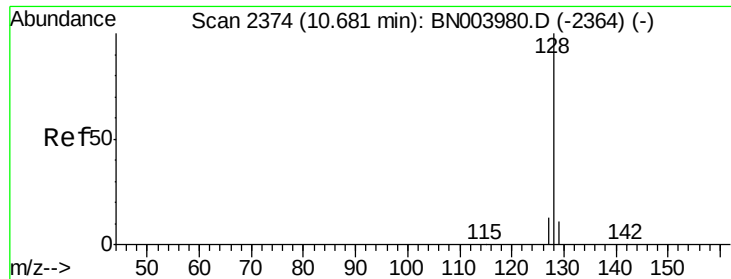
Instrument :
BNA_N
ClientSampleId :
F9Y26DL

Manual Integrations
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12/17/2018 4:24:16 PM

Quant Time: Dec 17 00:40:43 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN11918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 17 00:13:33 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.106 ng/ul

RT: 10.69 min Scan# 2375

Delta R.T. 0.01 min

Lab File: BN003984.D

Acq: 16 Dec 2018 07:05

Instrument :

BNA_N

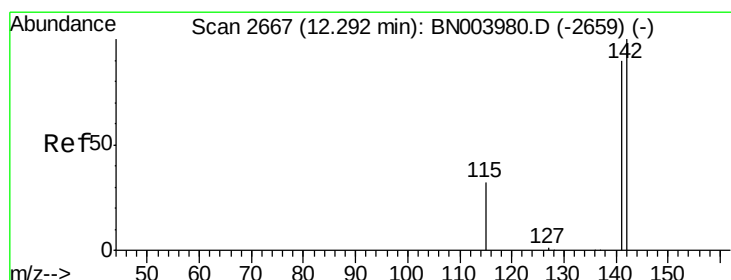
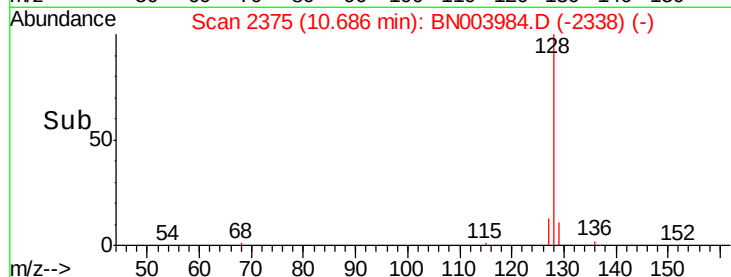
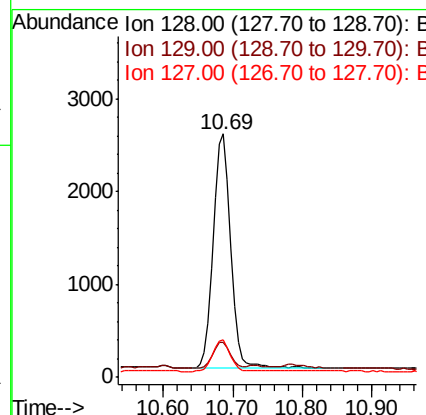
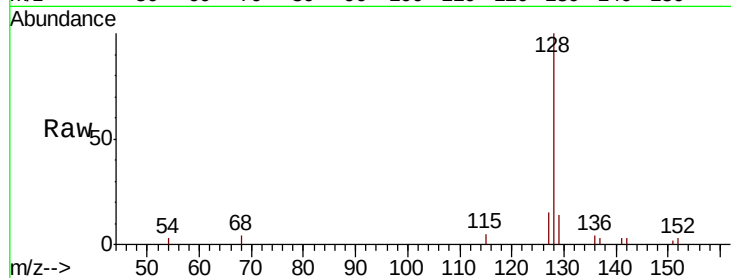
ClientSampled :

F9Y26DL

Tot Ion	Ratio	Lower	Upper
128	100		
129	14.3	9.0	13.6#
127	15.2	10.5	15.7

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#5

2-Methylnaphthalene

Concen: 0.291 ng/ul

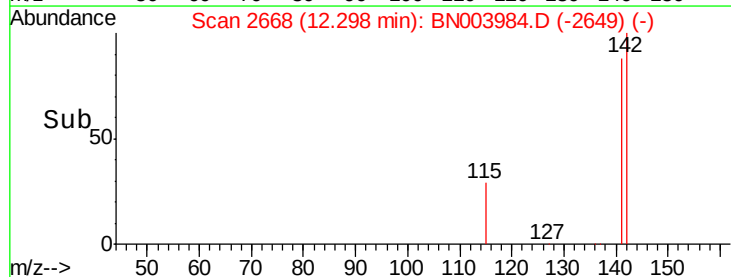
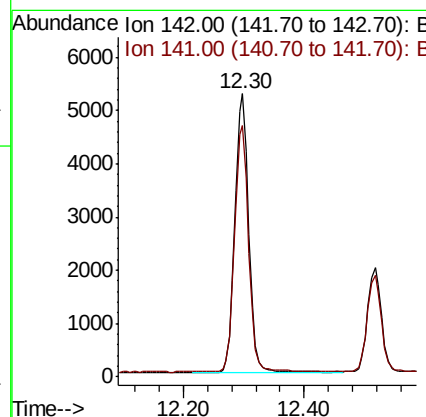
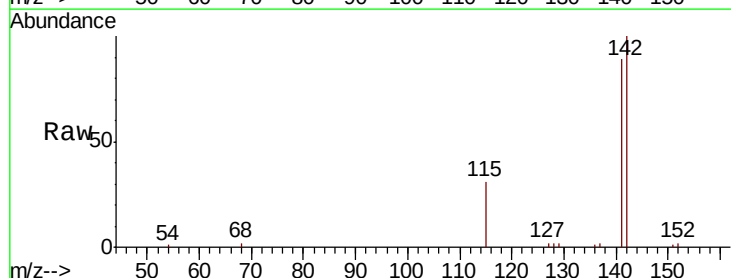
RT: 12.30 min Scan# 2668

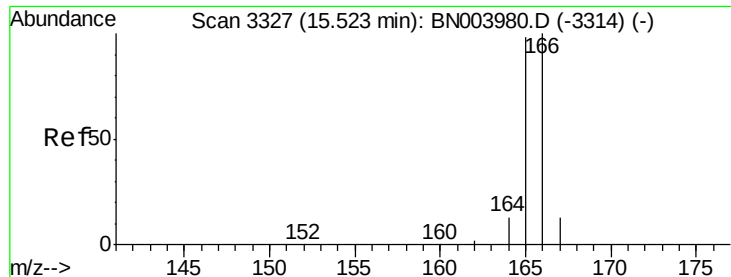
Delta R.T. 0.01 min

Lab File: BN003984.D

Acq: 16 Dec 2018 07:05

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.5	107.3





#9

Fluorene

Concen: 0.033 ng/ul

RT: 15.53 min Scan# 3328

Delta R.T. 0.00 min

Lab File: BN003984.D

Acq: 16 Dec 2018 07:05

Instrument :

BNA_N

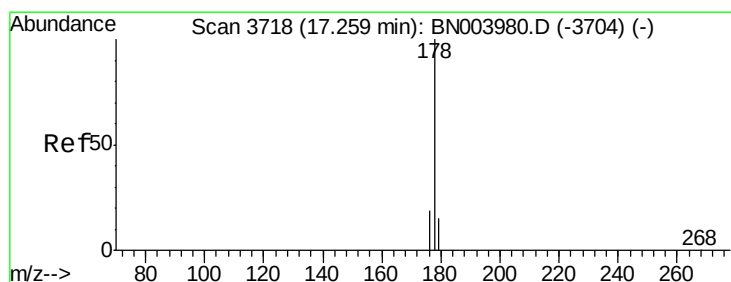
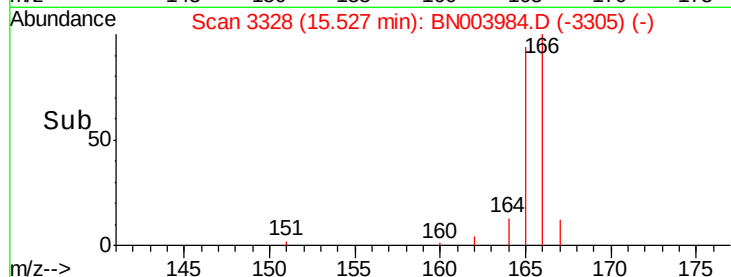
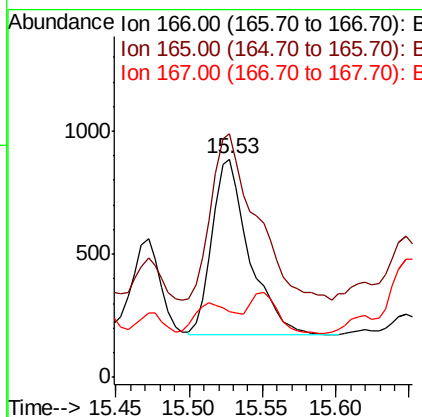
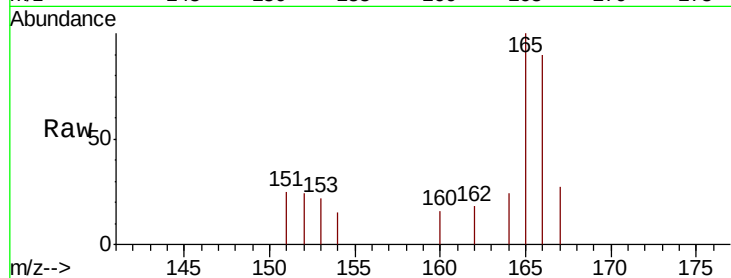
ClientSampleId :

F9Y26DL

Tot Ion:	166	Resp:	1264
Ion	Ratio	Lower	Upper
166	100		
165	111.5	78.3	117.5
167	30.2	11.3	16.9#

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#12

Phenanthrene

Concen: 1.231 ng/ul

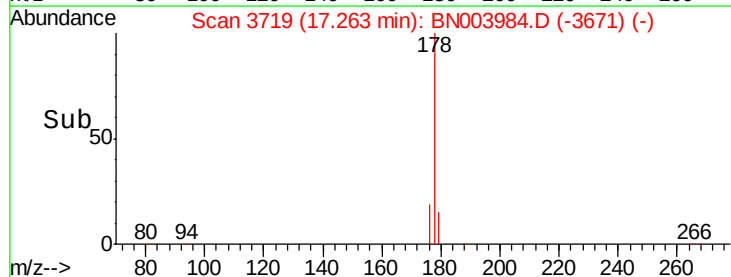
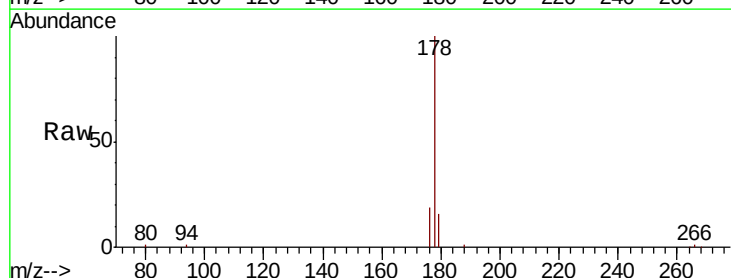
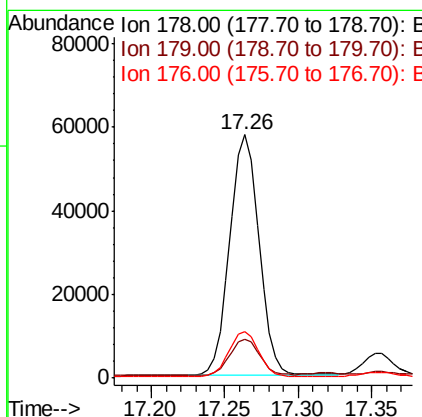
RT: 17.26 min Scan# 3719

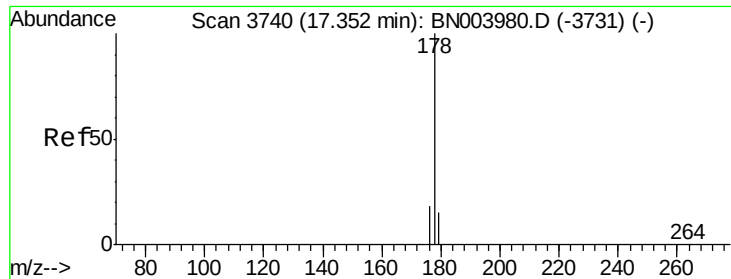
Delta R.T. 0.00 min

Lab File: BN003984.D

Acq: 16 Dec 2018 07:05

Tgt Ion:	178	Resp:	79985
Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.5	18.7
176	19.2	15.0	22.4





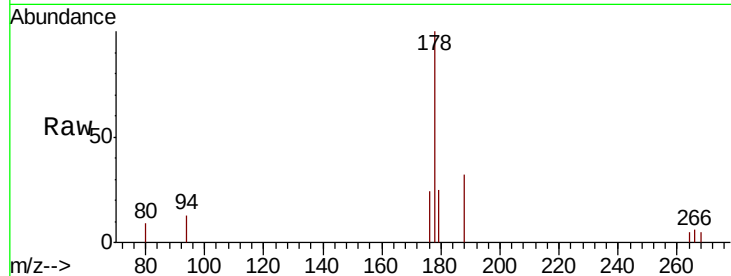
#13
 Anthracene
 Concen: 0.128 ng/ul
 RT: 17.35 min Scan# 3740
 Delta R.T. 0.00 min
 Lab File: BN003984.D
 Acq: 16 Dec 2018 07:05

Instrument :
 BNA_N
 ClientSampleId :
 F9Y26DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	24.7	12.3	18.5#
176	23.7	14.8	22.2#

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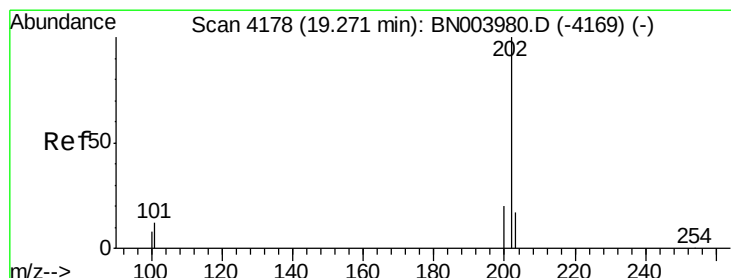
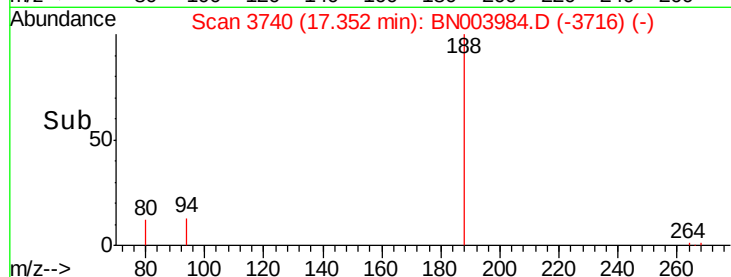
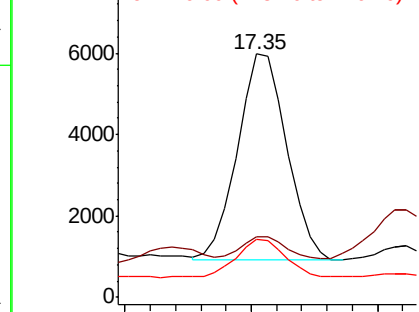


Abundance

Ion 178.00 (177.70 to 178.70): E

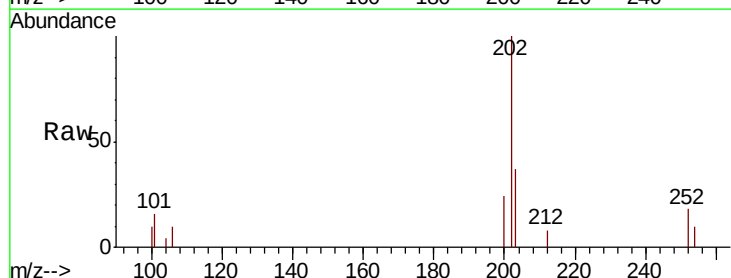
Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#15
 Fluoranthene
 Concen: 0.181 ng/ul
 RT: 19.28 min Scan# 4179
 Delta R.T. 0.00 min
 Lab File: BN003984.D
 Acq: 16 Dec 2018 07:05

Tgt Ion	Ratio	Lower	Upper
202	100		
101	16.0	0.0	30.7
100	10.2	0.0	28.1

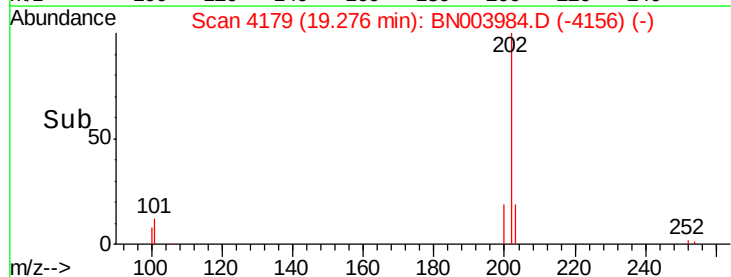
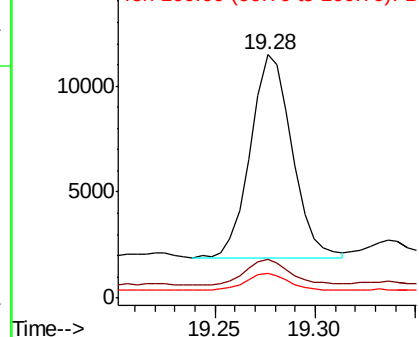


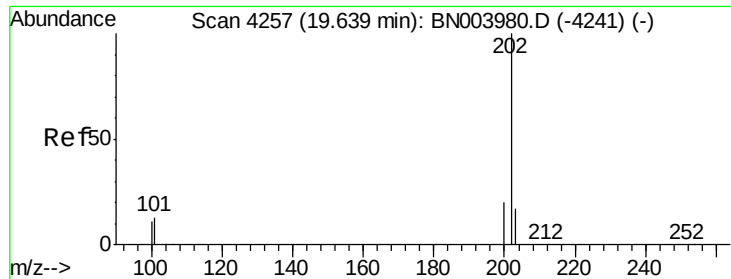
Abundance

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





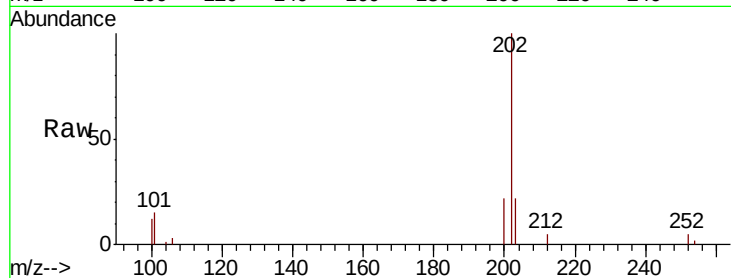
#17
Pvrene
Concen: 0.990 ng/ul
RT: 19.64 min Scan# 4258
Delta R.T. 0.00 min
Lab File: BN003984.D
Acq: 16 Dec 2018 07:05

Instrument :
BNA_N
ClientSampleId :
F9Y26DL

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	14.9	10.3	15.5
100	11.5	8.5	12.7

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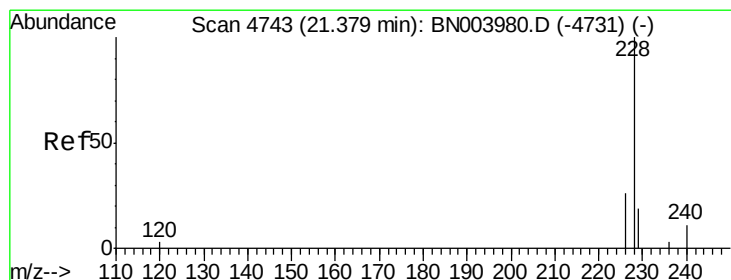
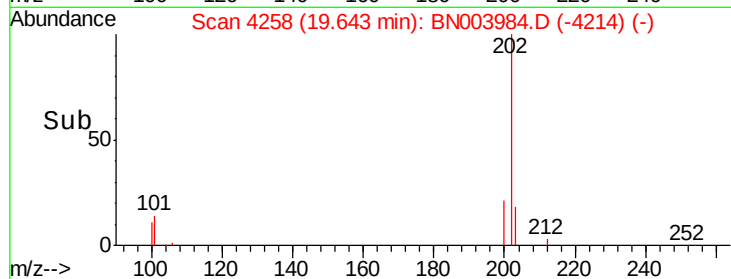
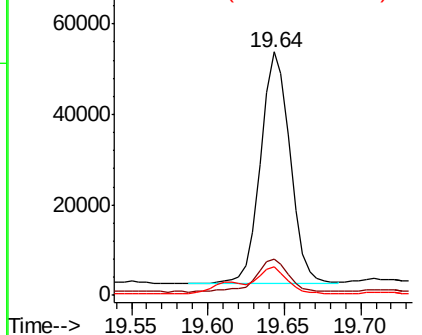


Abundance

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): E



#18
Benzo(a)anthracene
Concen: 0.352 ng/ul
RT: 21.39 min Scan# 4747
Delta R.T. 0.01 min
Lab File: BN003984.D
Acq: 16 Dec 2018 07:05

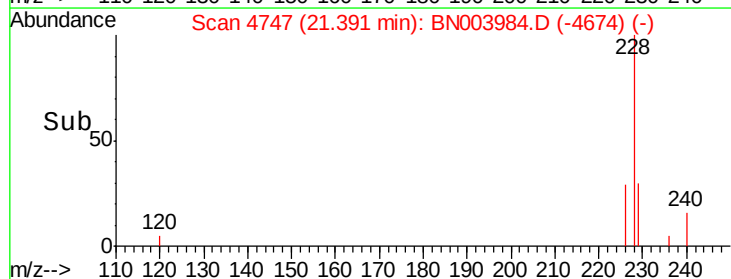
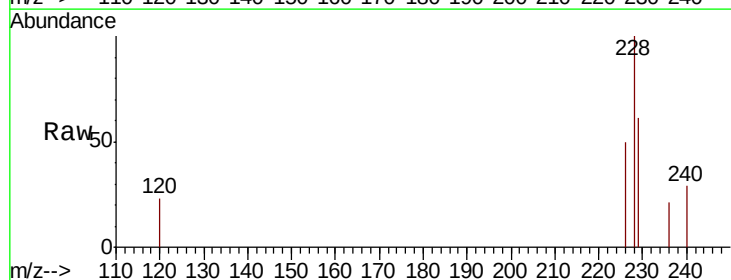
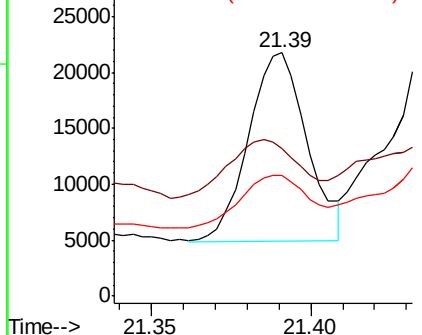
Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	60.7	15.6	23.4#
226	49.7	21.1	31.7#

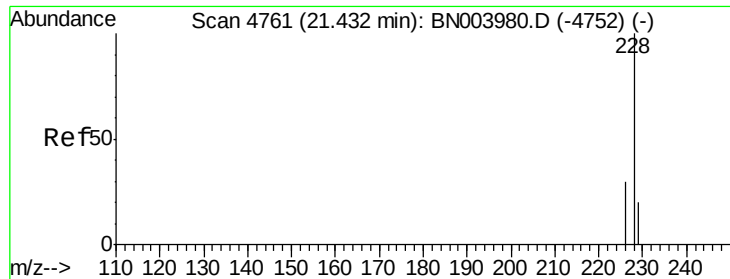
Abundance

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: 0.613 ng/ul

RT: 21.44 min Scan# 4764

Delta R.T. 0.01 min

Lab File: BN003984.D

Acq: 16 Dec 2018 07:05

Instrument :

BNA_N

ClientSampled :

F9Y26DL

Tot Ion:228 Resp: 42858

Ion Ratio Lower Upper

228 100

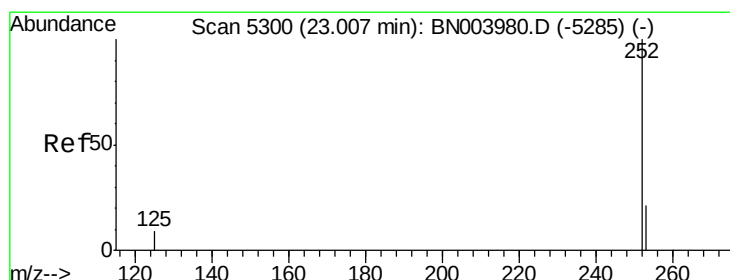
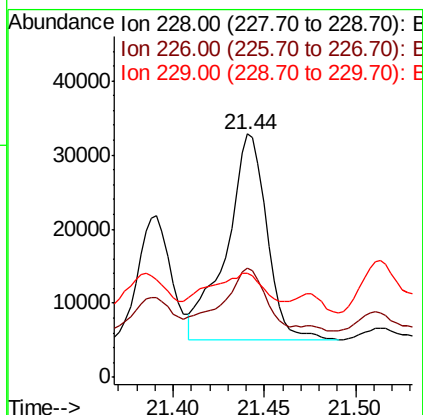
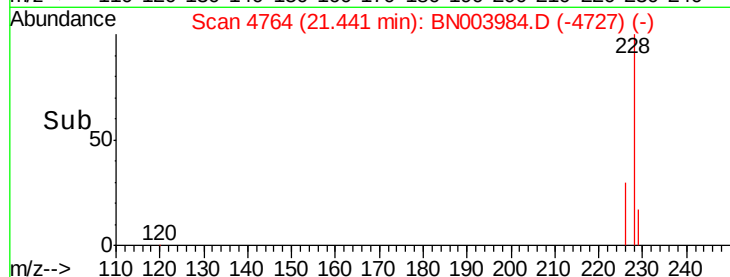
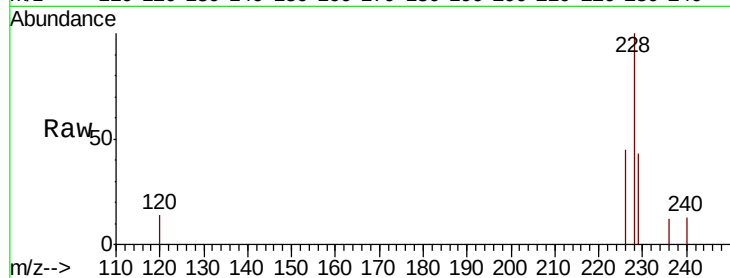
226 44.8 24.0 36.0#

229 42.9 15.7 23.5#

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#21

Benzo(b)fluoranthene

Concen: 0.132 ng/ul m

RT: 23.02 min Scan# 5306

Delta R.T. 0.02 min

Lab File: BN003984.D

Acq: 16 Dec 2018 07:05

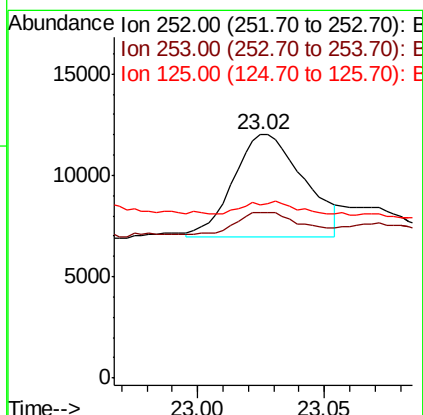
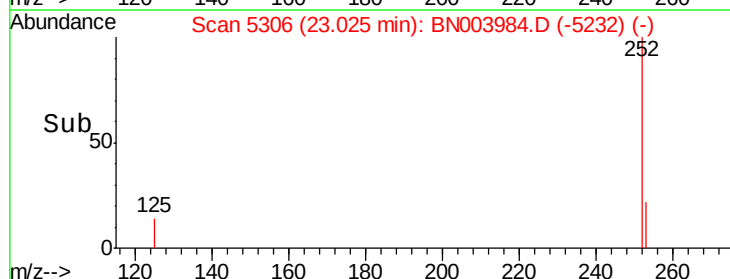
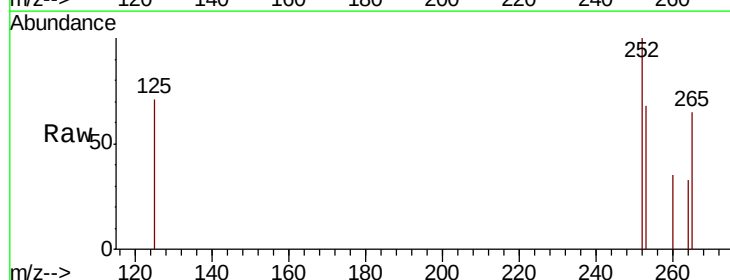
Tgt Ion:252 Resp: 9835

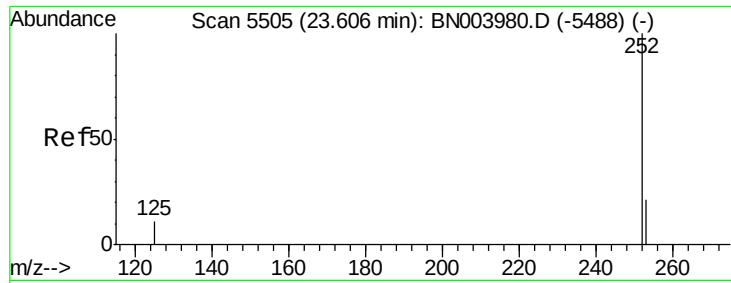
Ion Ratio Lower Upper

252 100

253 67.9 0.0 46.0#

125 71.2 0.0 22.4#





#23

Benzo(a)pyrene

Concen: 0.253 ng/ul

RT: 23.63 min Scan# 5513

Delta R.T. 0.02 min

Lab File: BN003984.D

Acq: 16 Dec 2018 07:05

Instrument :

BNA_N

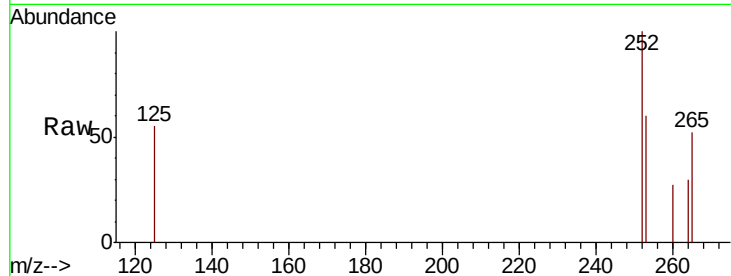
ClientSampled :

F9Y26DL

Tot Ion:	252	Resp:	16243
Ion Ratio	Lower	Upper	
252	100		
253	60.2	19.0	28.4#
125	54.7	10.2	15.4#

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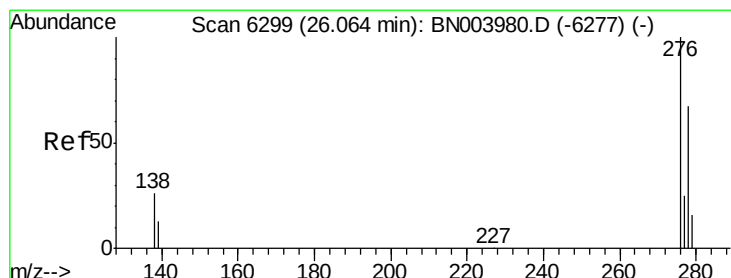
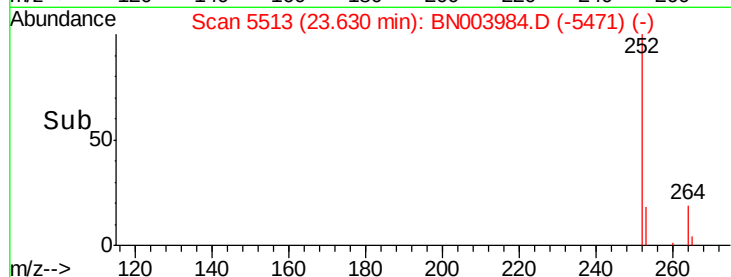
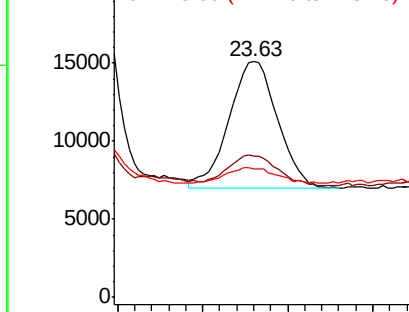


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.282 ng/ul

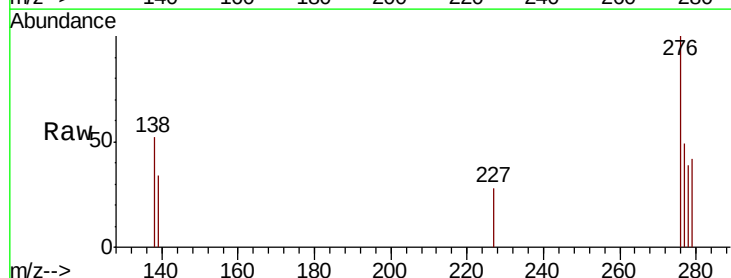
RT: 26.10 min Scan# 6310

Delta R.T. 0.04 min

Lab File: BN003984.D

Acq: 16 Dec 2018 07:05

Tgt Ion:	276	Resp:	20811
Ion Ratio	Lower	Upper	
276	100		
138	24.3	20.3	30.5
227	0.0	0.2	0.2#

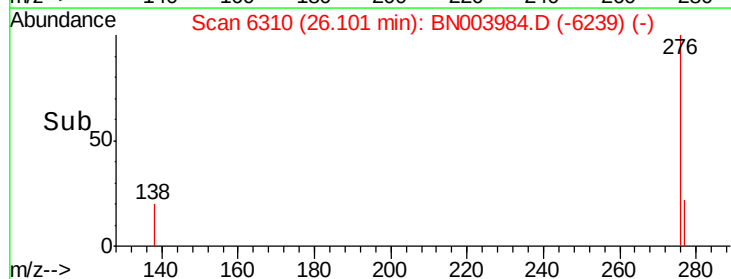
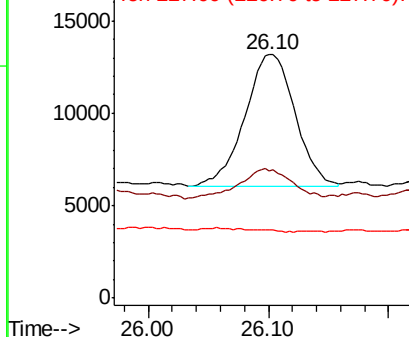


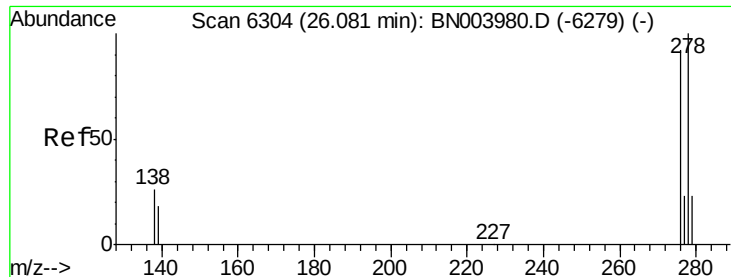
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





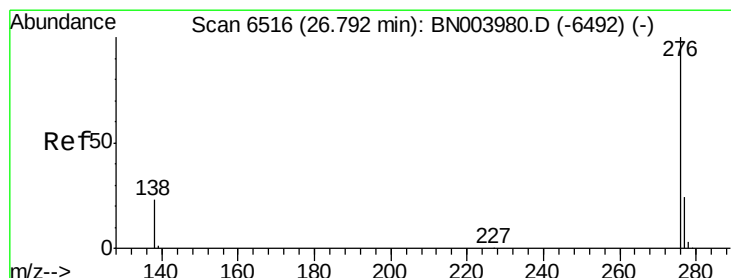
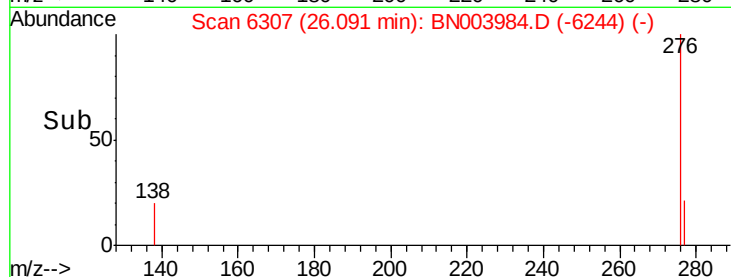
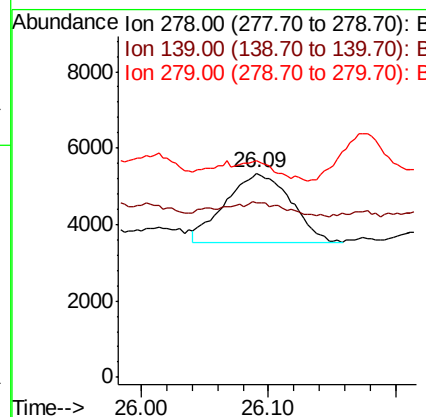
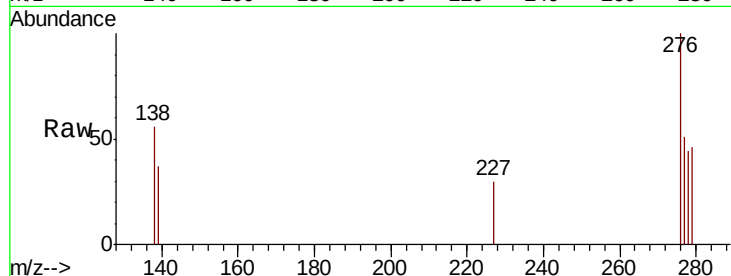
#25
Dibenzo(a,h)anthracene
Concen: 0.108 ng/ul
RT: 26.09 min Scan# 6307
Delta R.T. 0.01 min
Lab File: BN003984.D
Acq: 16 Dec 2018 07:05

Instrument :
BNA_N
ClientSampleId :
F9Y26DL

Tot Ion:278 Resp: 6416
Ion Ratio Lower Upper
278 100
139 85.6 14.2 21.4#
279 105.9 19.8 29.6#

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#26
Benzo(g,h,i)perylene
Concen: 1.719 ng/ul
RT: 26.84 min Scan# 6531
Delta R.T. 0.05 min
Lab File: BN003984.D
Acq: 16 Dec 2018 07:05

Tgt Ion:276 Resp: 110181
Ion Ratio Lower Upper
276 100
138 30.7 17.7 26.5#
277 31.1 19.3 28.9#

