

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121119\
 Data File : BN008952.D
 Acq On : 12 Dec 2019 19:03
 Operator : JU
 Sample : K6089-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BQ7

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Quant Time: Dec 13 01:28:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 12 00:49:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	2482	0.40	ng/ul	0.00
2) Naphthalene-d8	10.31	136	10755	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.18	164	6869	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.93	188	15900	0.40	ng/ul	0.00
16) Chrysene-d12	21.13	240	13893	0.40	ng/ul	0.00
20) Perylene-d12	23.27	264	14259	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.91	152	3277	0.19	ng/ul	0.00
14) Fluoranthene-d10	18.96	212	9846	0.20	ng/ul	0.00
Target Compounds					Qvalue	
3) Naphthalene	10.36	128	890	0.027	ng/ul#	80
5) 2-Methylnaphthalene	11.98	142	835	0.037	ng/ul	98
12) Phenanthrene	16.97	178	11921	0.222	ng/ul	99
13) Anthracene	17.06	178	1205	0.024	ng/ul#	82
15) Fluoranthene	18.99	202	22999	0.349	ng/ul	98
17) Pyrene	19.35	202	23053	0.414	ng/ul	98
18) Benzo(a)anthracene	21.11	228	10823	0.194	ng/ul	95
19) Chrysene	21.16	228	15219	0.277	ng/ul	96
21) Benzo(b)fluoranthene	22.64	252	13661m	0.232	ng/ul	
22) Benzo(k)fluoranthene	22.68	252	4007m	0.069	ng/ul	
23) Benzo(a)pyrene	23.18	252	8128	0.147	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	25.38	276	4775	0.074	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.38	278	1358	0.026	ng/ul#	34
26) Benzo(g,h,i)perylene	26.02	276	4595	0.085	ng/ul	92

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

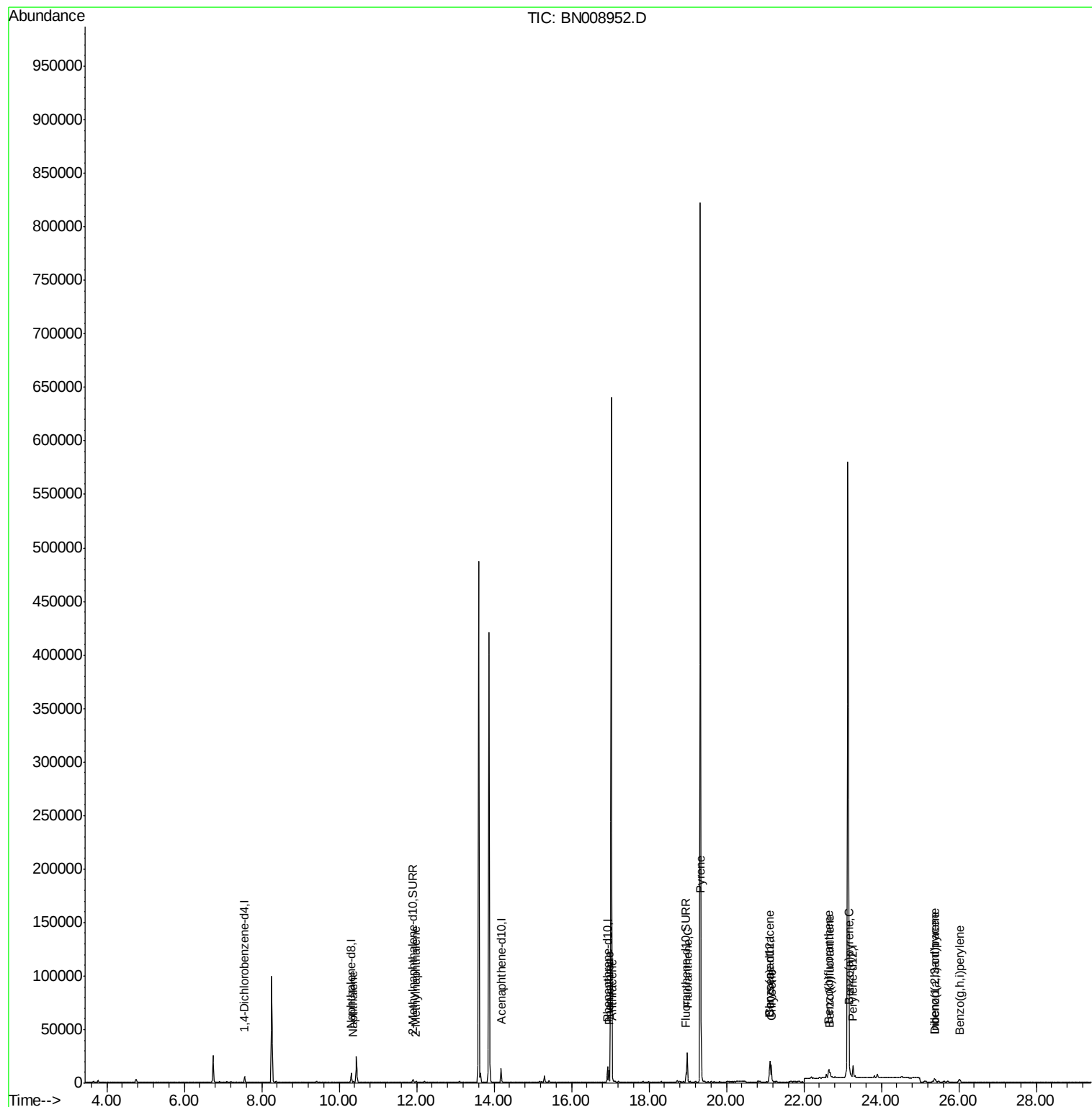
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121119\
Data File : BN008952.D
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ALS Vial : 12 Sample Multiplier: 1

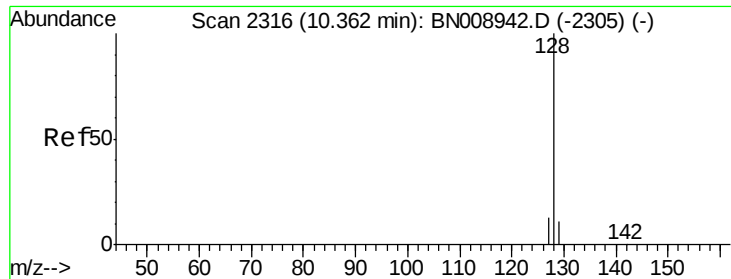
Instrument :
BNA_N
ClientSampleId :
C0BQ7

Quant Time: Dec 13 01:28:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 12 00:49:42 2019
Response via : Initial Calibration

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#3

Naphthalene

Concen: 0.027 ng/ul

RT: 10.36 min Scan# 2316

Delta R.T. 0.00 min

Lab File: BN008952.D

Acq: 12 Dec 2019 19:03

Instrument :

BNA_N

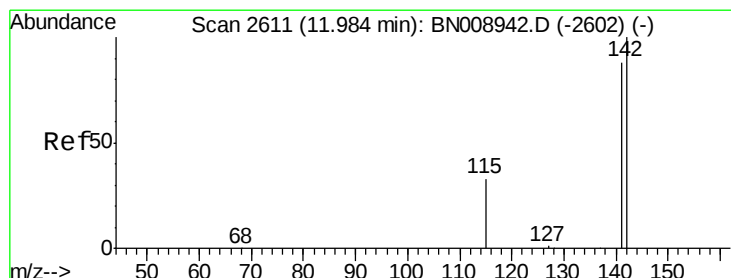
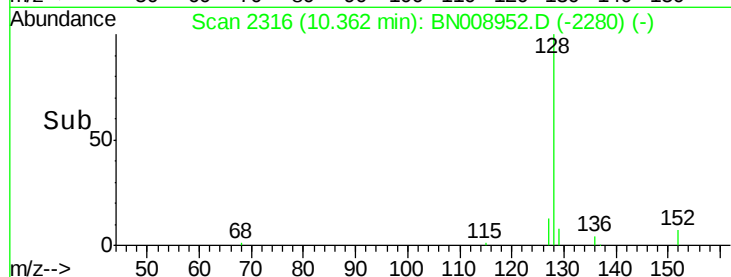
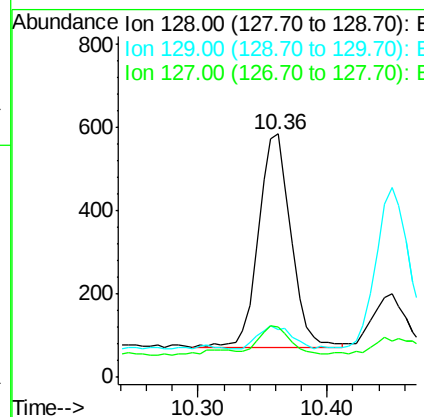
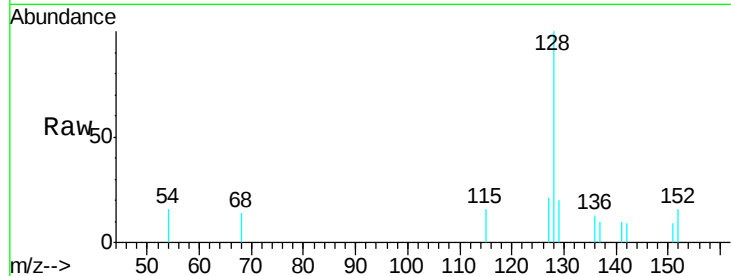
ClientSampleId :

C0BQ7

Tgt Ion:	128	Resp:	890
Ion Ratio	Lower	Upper	
128	100		
129	19.7	9.1	13.7#
127	20.7	10.7	16.1#

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#5

2-Methylnaphthalene

Concen: 0.037 ng/ul

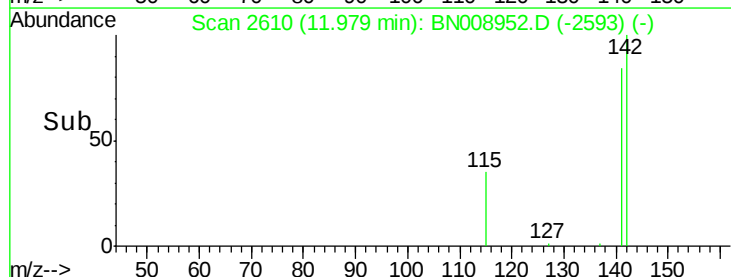
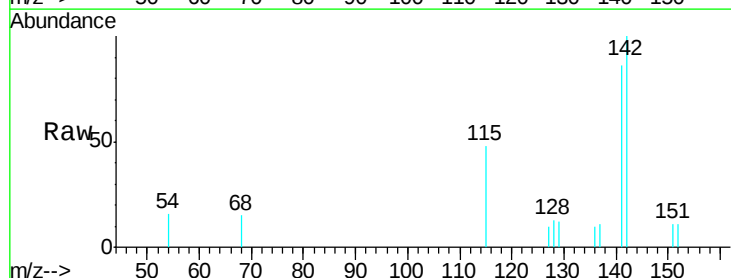
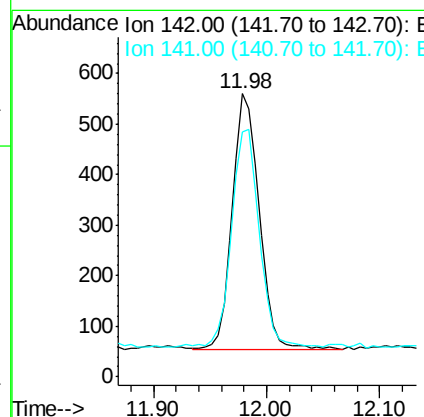
RT: 11.98 min Scan# 2610

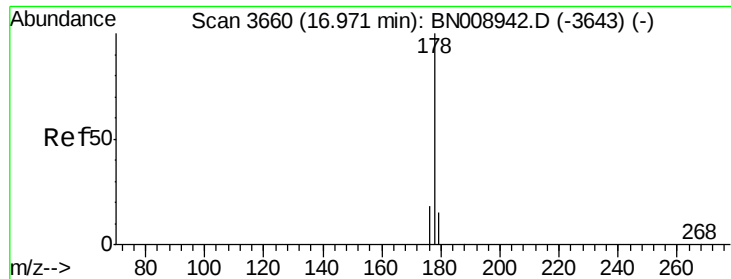
Delta R.T. -0.01 min

Lab File: BN008952.D

Acq: 12 Dec 2019 19:03

Tgt Ion:	142	Resp:	835
Ion Ratio	Lower	Upper	
142	100		
141	86.0	70.1	105.1





#12

Phenanthrene

Concen: 0.222 ng/ul

RT: 16.97 min Scan# 3660

Delta R.T. 0.00 min

Lab File: BN008952.D

Acq: 12 Dec 2019 19:03

Instrument :

BNA_N

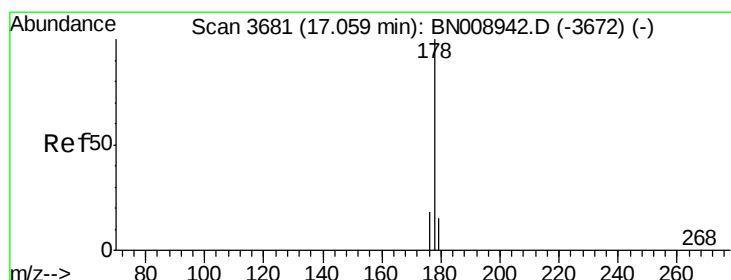
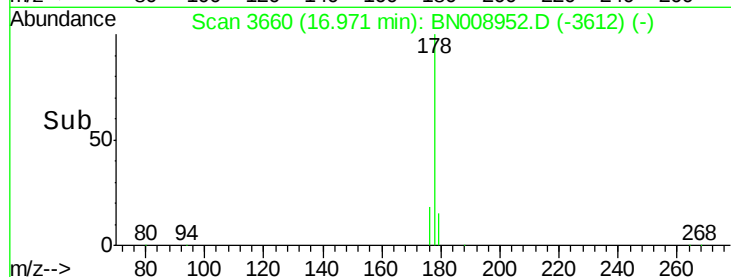
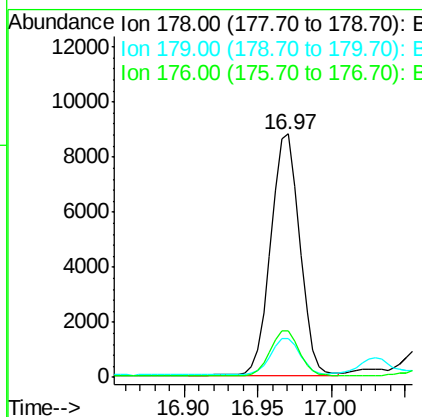
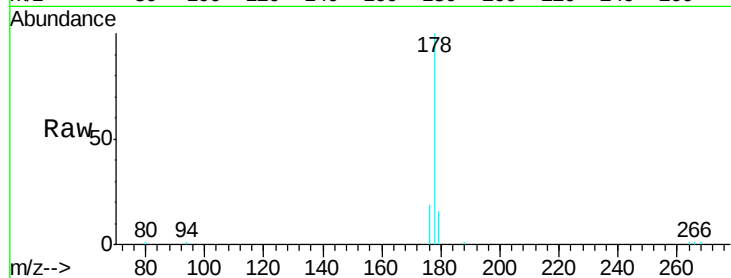
ClientSampleId :

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Tgt Ion:	178	Resp:	11921
Ion Ratio	Lower	Upper	
178	100		
179	16.0	12.6	18.8
176	18.9	15.3	22.9

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#13

Anthracene

Concen: 0.024 ng/ul

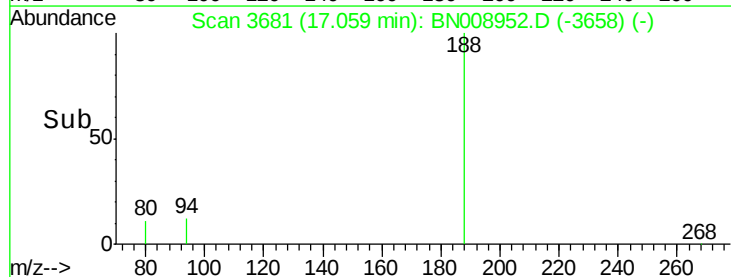
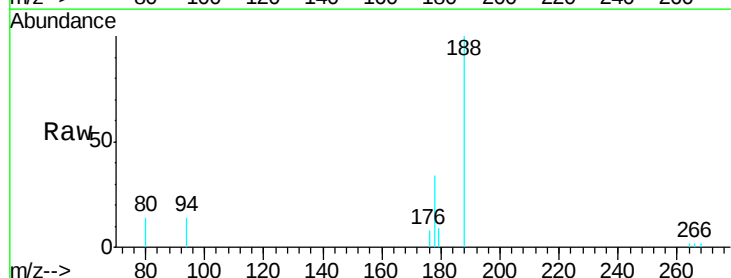
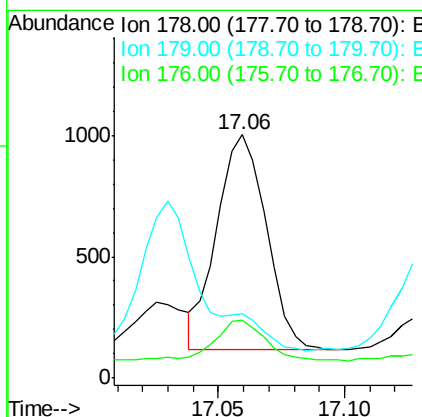
RT: 17.06 min Scan# 3681

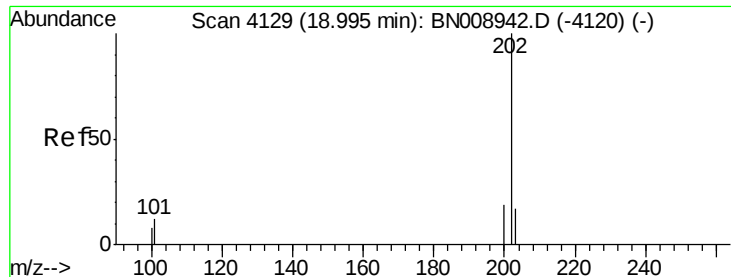
Delta R.T. -0.00 min

Lab File: BN008952.D

Acq: 12 Dec 2019 19:03

Tgt Ion:	178	Resp:	1205
Ion Ratio	Lower	Upper	
178	100		
179	26.2	12.2	18.4#
176	23.7	14.7	22.1#





#15

Fluoranthene

Concen: 0.349 ng/ul

RT: 18.99 min Scan# 4128

Delta R.T. -0.00 min

Lab File: BN008952.D

Acq: 12 Dec 2019 19:03

Instrument :

BNA_N

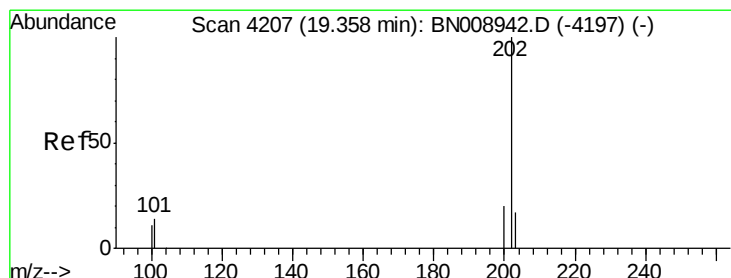
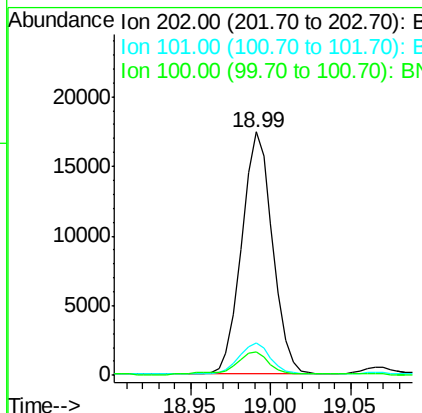
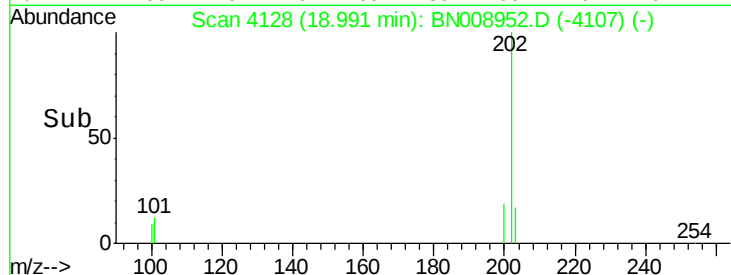
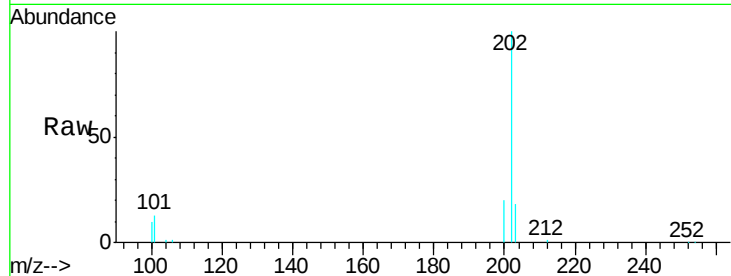
ClientSampleId :

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Tgt Ion:	202	Resp:	22999
Ion Ratio	Lower	Upper	
202	100		
101	13.1	0.0	32.4
100	9.7	0.0	29.2

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#17

Pyrene

Concen: 0.414 ng/ul

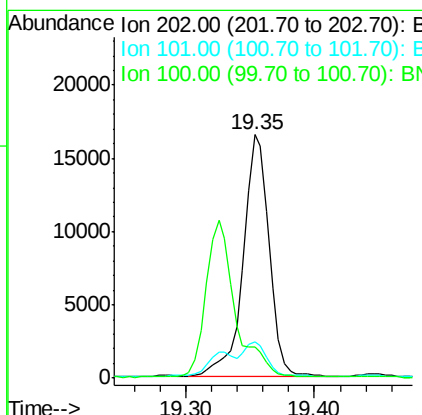
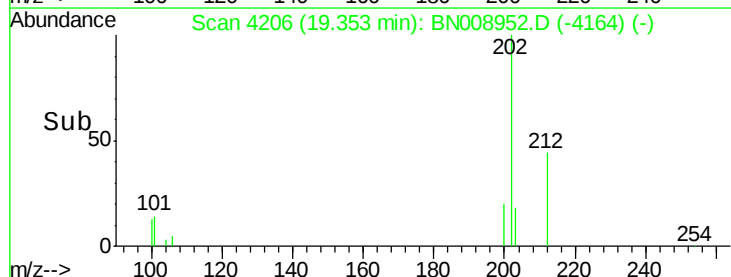
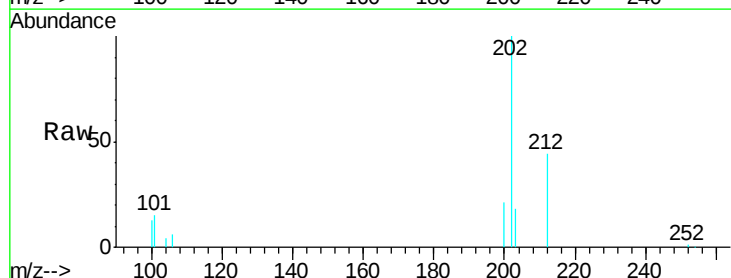
RT: 19.35 min Scan# 4206

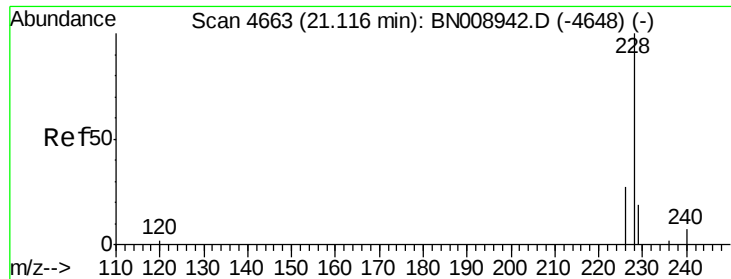
Delta R.T. -0.00 min

Lab File: BN008952.D

Acq: 12 Dec 2019 19:03

Tgt Ion:	202	Resp:	23053
Ion Ratio	Lower	Upper	
202	100		
101	15.1	12.2	18.4
100	13.0	9.5	14.3





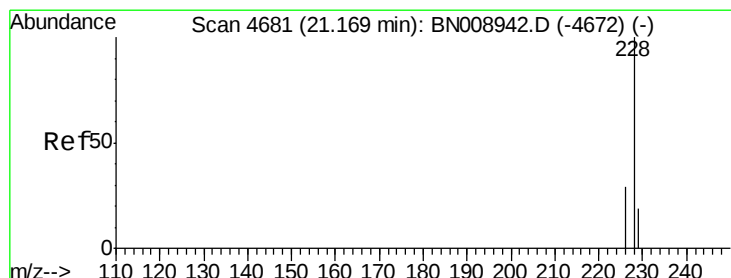
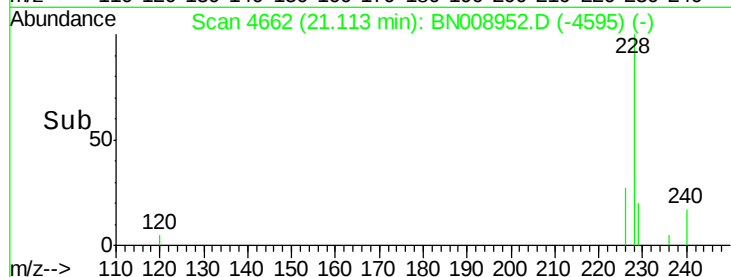
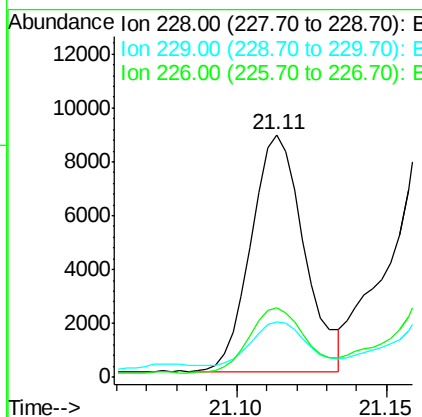
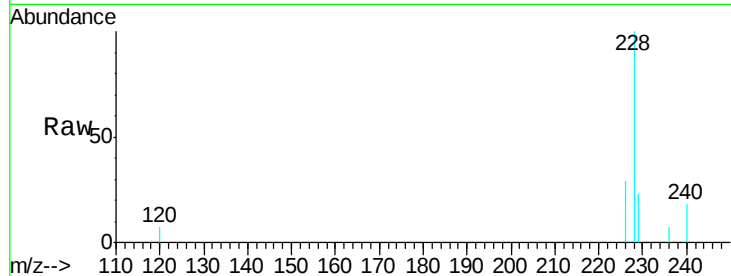
#18
Benzo(a)anthracene
Concen: 0.194 ng/ul
RT: 21.11 min Scan# 4662
Delta R.T. -0.00 min
Lab File: BN008952.D
Acq: 12 Dec 2019 19:03

Instrument :
BNA_N
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
228	100		
229	23.1	15.7	23.5
226	28.7	21.5	32.3

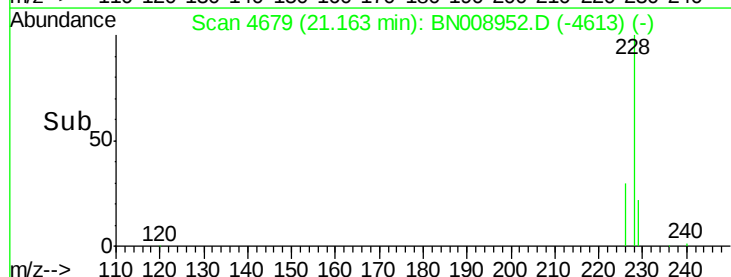
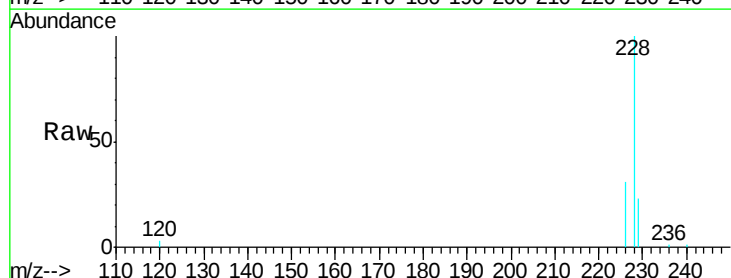
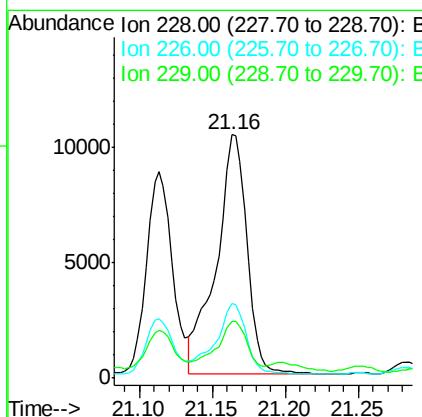
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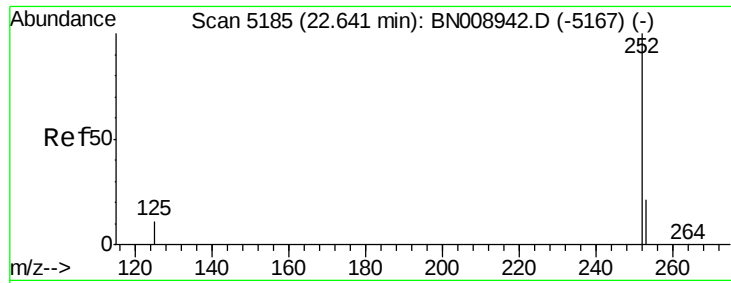
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#19
Chrysene
Concen: 0.277 ng/ul
RT: 21.16 min Scan# 4679
Delta R.T. -0.01 min
Lab File: BN008952.D
Acq: 12 Dec 2019 19:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.8	35.6
229	23.2	15.6	23.4





#21

Benzo(b)fluoranthene

Concen: 0.232 ng/ul m

RT: 22.64 min Scan# 5186

Delta R.T. -0.00 min

Lab File: BN008952.D

Acq: 12 Dec 2019 19:03

Instrument :

BNA_N

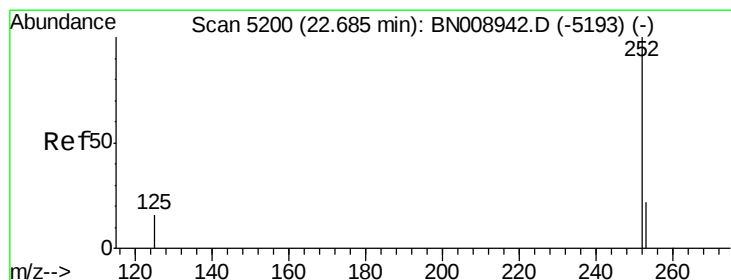
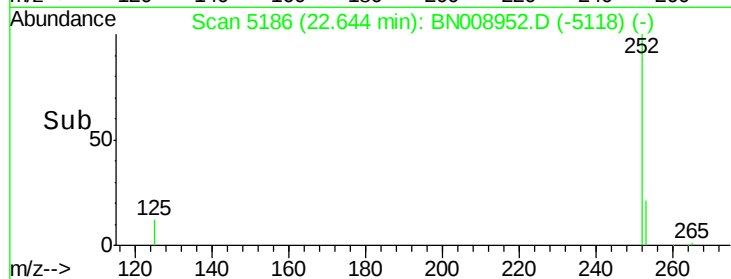
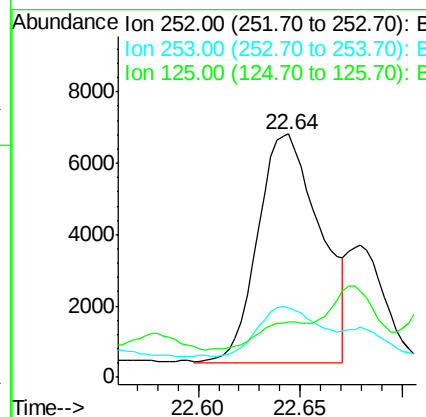
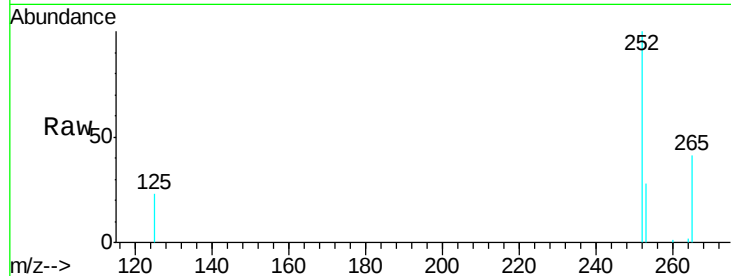
ClientSampleId :

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Tgt Ion	Ratio	Resp	Lower	Upper
252	100	13661		
253	28.4	0.0	48.6	
125	22.8	0.0	31.6	

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#22

Benzo(k)fluoranthene

Concen: 0.069 ng/ul m

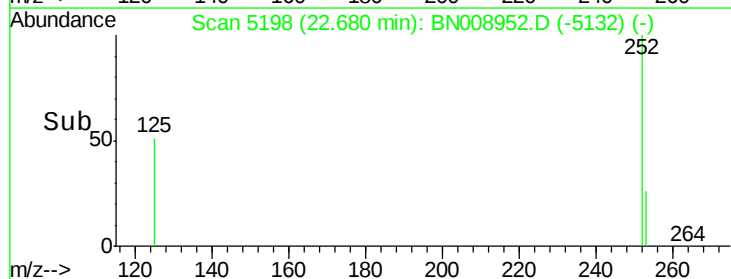
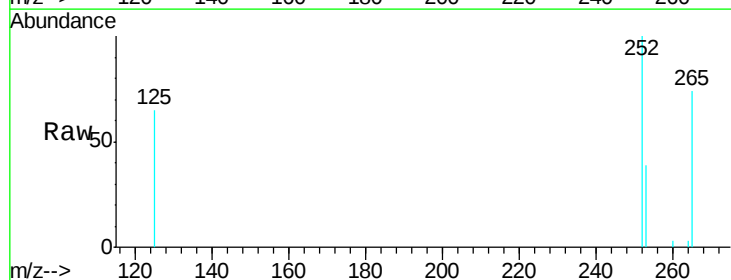
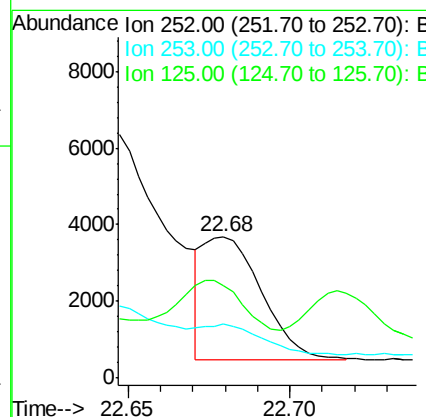
RT: 22.68 min Scan# 5198

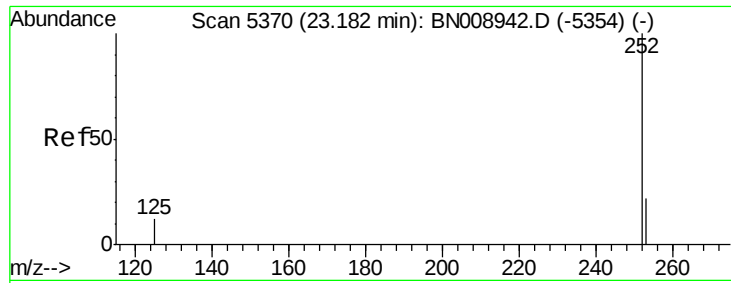
Delta R.T. -0.01 min

Lab File: BN008952.D

Acq: 12 Dec 2019 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	4007		
253	38.5	19.6	29.4#	
125	65.4	13.8	20.6#	





#23

Benzo(a)pyrene

Concen: 0.147 ng/u1

RT: 23.18 min Scan# 5369

Delta R.T. -0.01 min

Lab File: BN008952.D

Acq: 12 Dec 2019 19:03

Instrument :

BNA_N

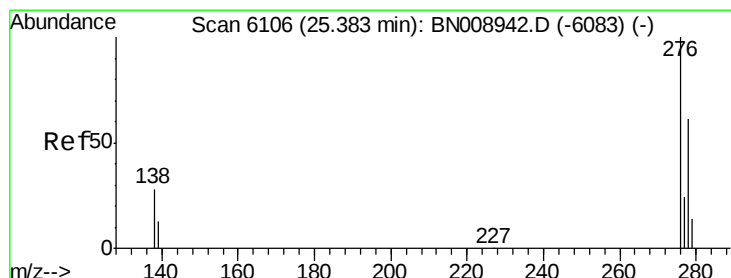
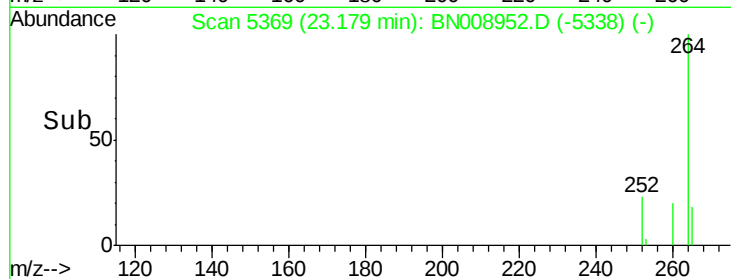
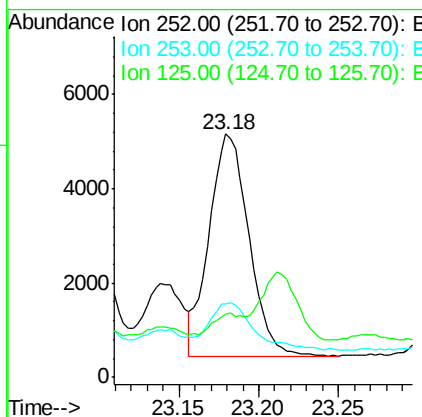
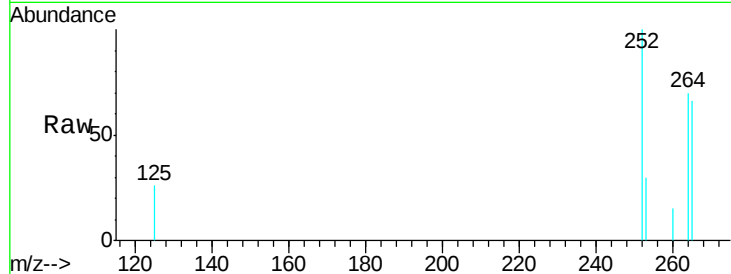
ClientSampleId :

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Tgt Ion:	252	Resp:	8128
Ion Ratio	Lower	Upper	
252	100		
253	30.3	19.9	29.9#
125	25.9	14.6	22.0#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.074 ng/u1

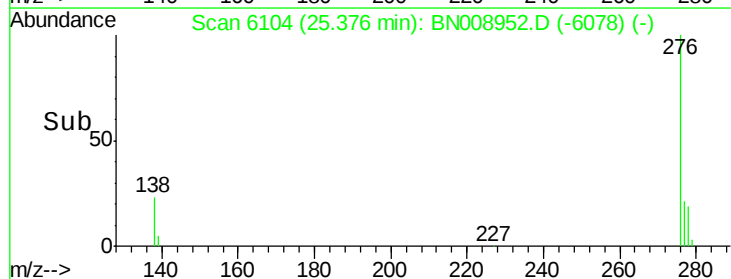
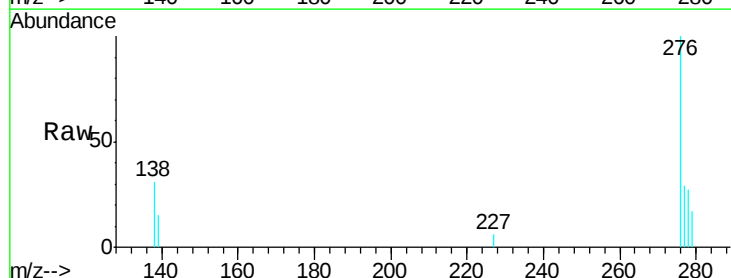
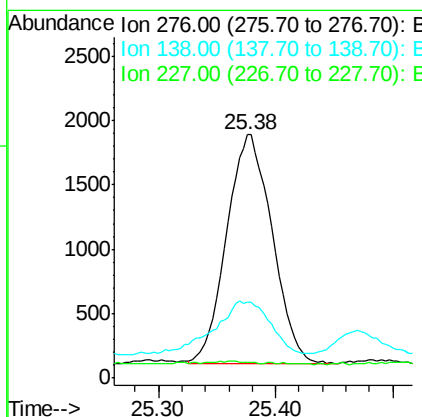
RT: 25.38 min Scan# 6104

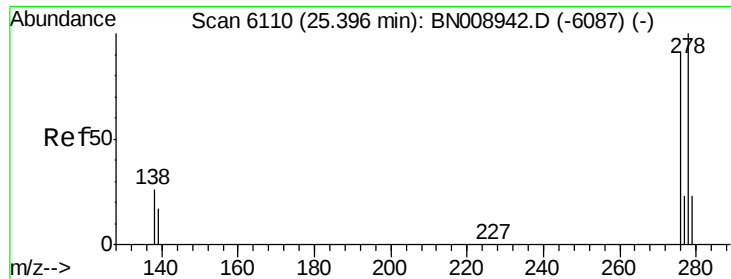
Delta R.T. -0.01 min

Lab File: BN008952.D

Acq: 12 Dec 2019 19:03

Tgt Ion:	276	Resp:	4775
Ion Ratio	Lower	Upper	
276	100		
138	28.7	23.8	35.6
227	0.7	0.2	0.2#





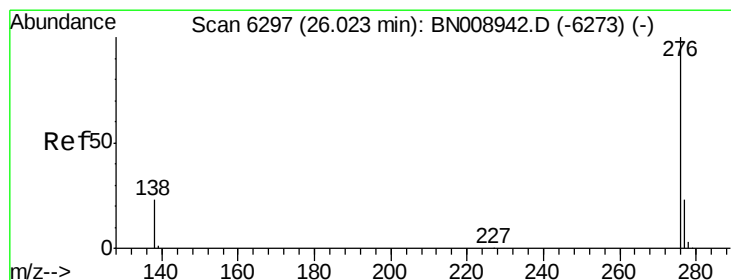
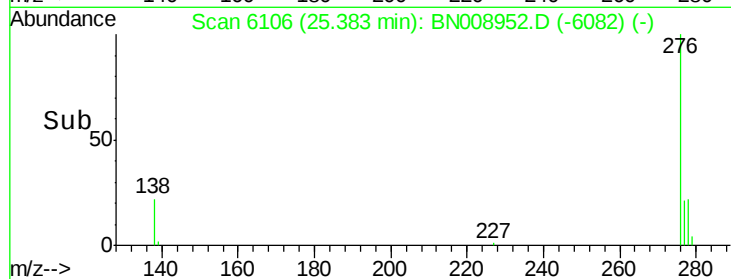
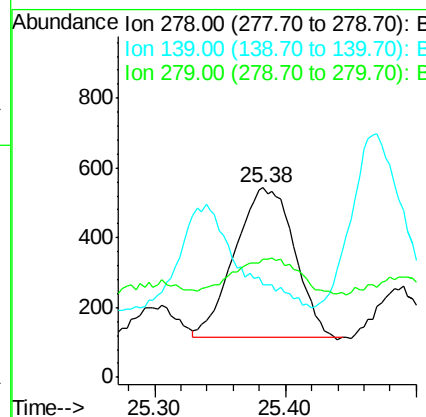
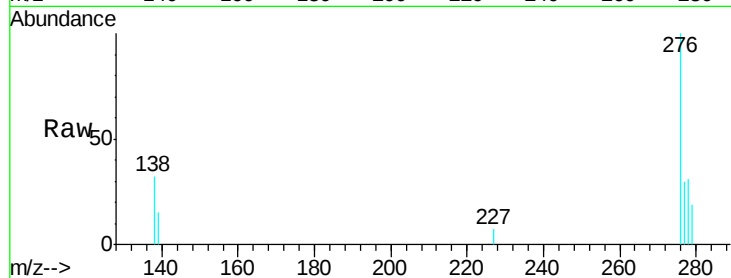
#25
Dibenzo(a,h)anthracene
Concen: 0.026 ng/ul
RT: 25.38 min Scan# 6106
Delta R.T. -0.02 min
Lab File: BN008952.D
Acq: 12 Dec 2019 19:03

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ClientSampleId :
C0BQ7

Tgt Ion	Ratio	Lower	Upper
278	100		
139	49.2	17.4	26.0#
279	62.2	20.5	30.7#

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#26
Benzo(g,h,i)perylene
Concen: 0.085 ng/ul
RT: 26.02 min Scan# 6295
Delta R.T. -0.01 min
Lab File: BN008952.D
Acq: 12 Dec 2019 19:03

Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.2	21.9	32.9
277	28.1	19.9	29.9

