

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112020\
 Data File : BN012689.D
 Acq On : 21 Nov 2020 16:58
 Operator : CG/JU
 Sample : L4710-22DL 5X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AY7DL

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Quant Time: Nov 23 02:40:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 23 01:22:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	1145	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.20	136	4630	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.10	164	2427	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.85	188	4914	0.40	ng/ul	0.00
16) Chrysene-d12	21.07	240	4333	0.40	ng/ul	0.00
20) Perylene-d12	23.18	264	4455	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.80	152	204	0.03	ng/ul	-0.02
14) Fluoranthene-d10	18.89	212	464	0.04	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	13.81	152	770	0.065	ng/ul#	84
9) Fluorene	15.16	166	323	0.029	ng/ul#	92
12) Phenanthrene	16.89	178	5626	0.329	ng/ul	99
13) Anthracene	16.98	178	923	0.062	ng/ul#	88
15) Fluoranthene	18.92	202	11036	0.559	ng/ul	99
17) Pyrene	19.28	202	11590	0.598	ng/ul#	93
18) Benzo(a)anthracene	21.05	228	5498	0.354	ng/ul	97
19) Chrysene	21.10	228	7078	0.365	ng/ul	97
21) Benzo(b)fluoranthene	22.56	252	10197m	0.498	ng/ul	
22) Benzo(k)fluoranthene	22.60	252	3312m	0.140	ng/ul	
23) Benzo(a)pyrene	23.09	252	6661	0.345	ng/ul	93
24) Indeno(1,2,3-cd)pyrene	25.26	276	5050	0.200	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.27	278	1171	0.058	ng/ul#	53
26) Benzo(g,h,i)perylene	25.90	276	4919	0.217	ng/ul#	95

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

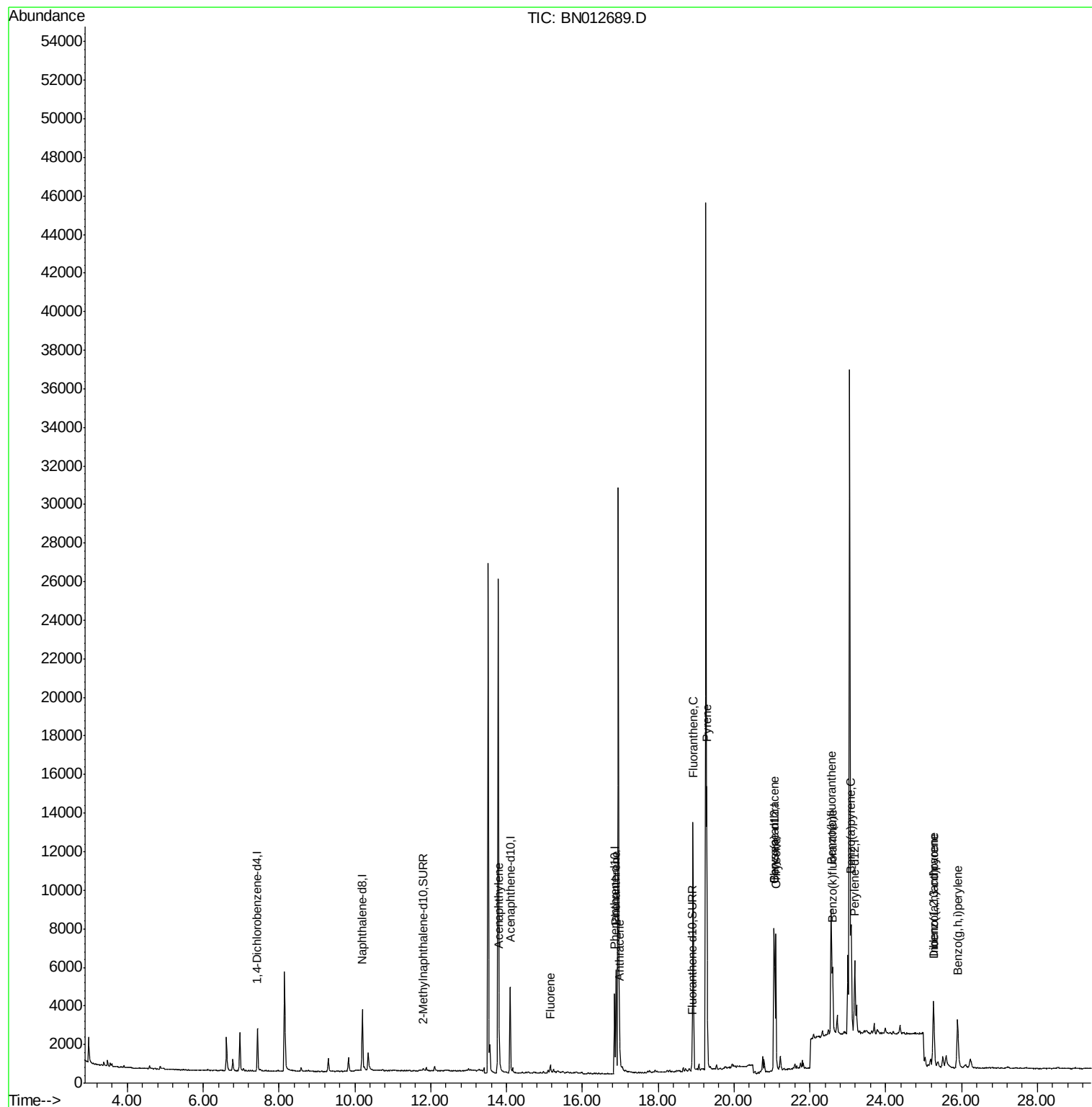
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112020\
Data File : BN012689.D
Acq On : 21 Nov 2020 16:58
Operator : CG/JU
Sample : L4710-22DL 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

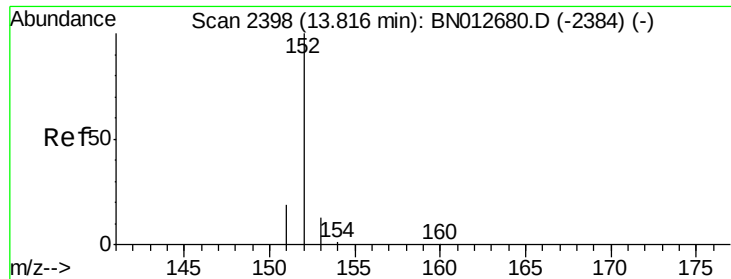
Instrument :
BNA_N
ClientSampleId :
C0AY7DL

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Quant Time: Nov 23 02:40:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 23 01:22:42 2020
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.065 ng/ul

RT: 13.81 min Scan# 2397

Delta R.T. -0.01 min

Lab File: BN012689.D

Acq: 21 Nov 2020 16:58

Instrument :

BNA_N

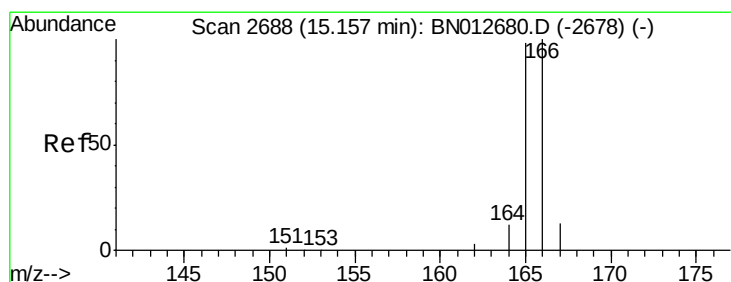
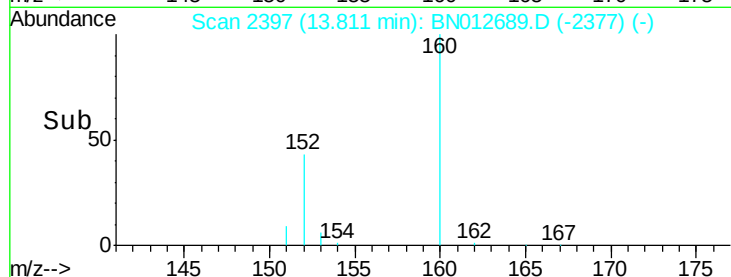
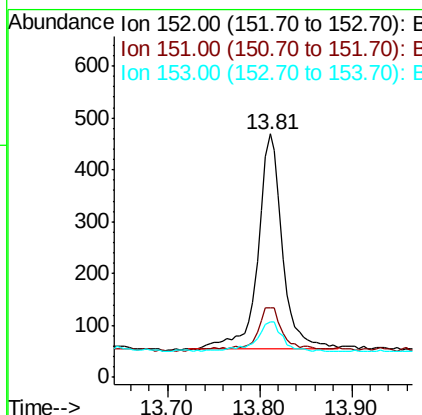
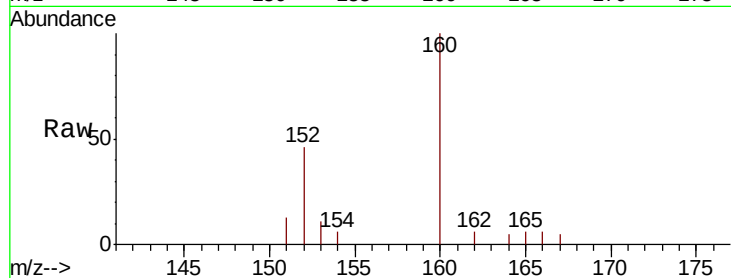
ClientSampleId :

C0AY7DL

Tot Ion:	152	Resp:	770
Ion Ratio	Lower	Upper	
152	100		
151	28.8	17.1	25.7#
153	23.0	12.6	19.0#

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#9

Fluorene

Concen: 0.029 ng/ul

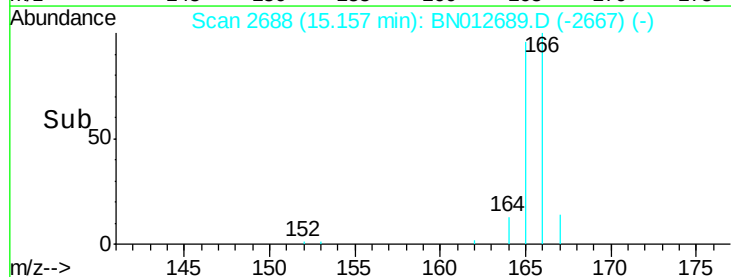
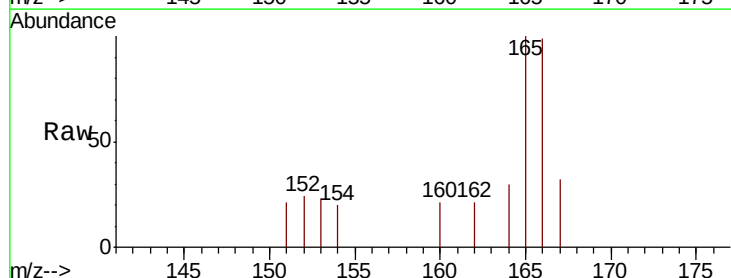
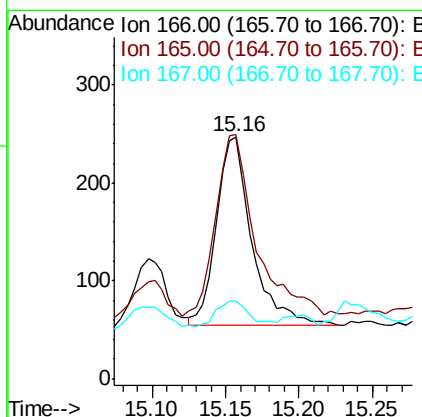
RT: 15.16 min Scan# 2688

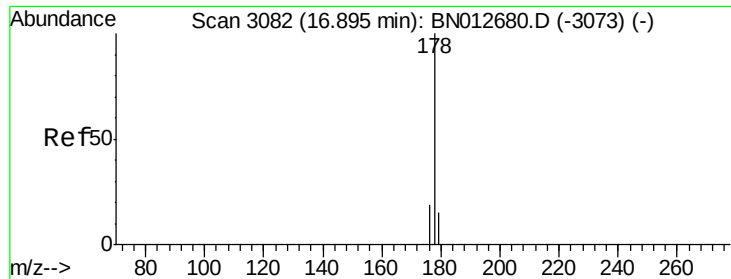
Delta R.T. -0.00 min

Lab File: BN012689.D

Acq: 21 Nov 2020 16:58

Tgt Ion:	166	Resp:	323
Ion Ratio	Lower	Upper	
166	100		
165	100.8	78.5	117.7
167	32.4	12.7	19.1#





#12

Phenanthrene

Concen: 0.329 ng/ul

RT: 16.89 min Scan# 3081

Delta R.T. -0.01 min

Lab File: BN012689.D

Acq: 21 Nov 2020 16:58

Instrument :

BNA_N

ClientSampleId :

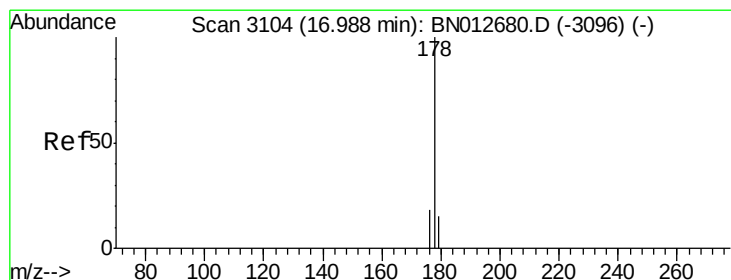
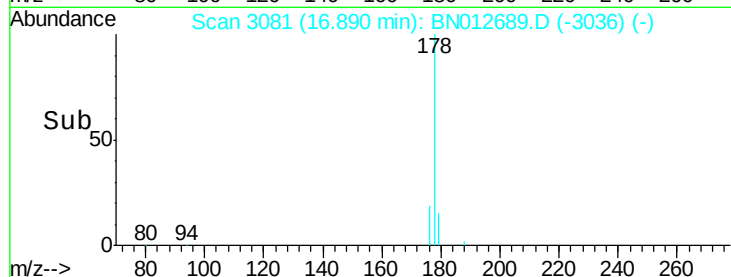
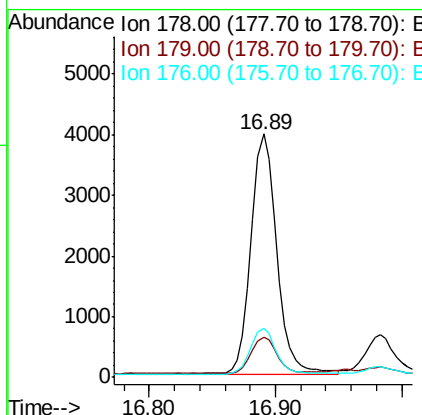
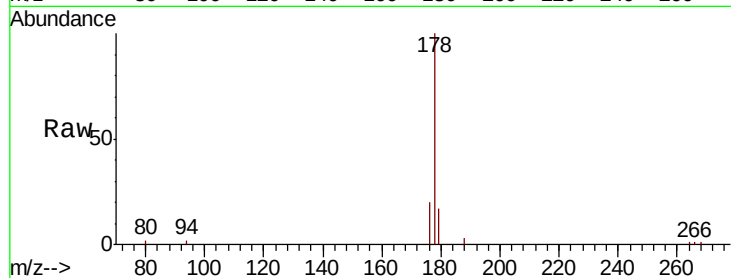
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Tot Ion:178 Resp: 5626

Ion	Ratio	Lower	Upper
178	100		
179	16.7	13.8	20.6
176	20.2	16.7	25.1

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#13

Anthracene

Concen: 0.062 ng/ul

RT: 16.98 min Scan# 3103

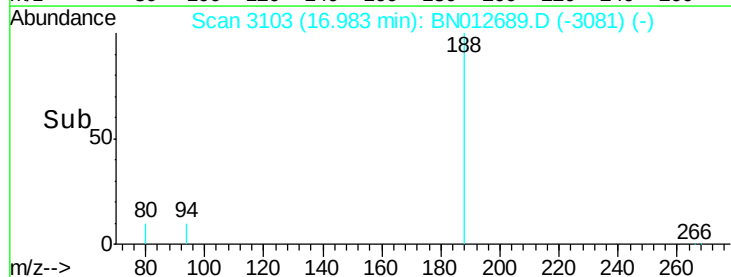
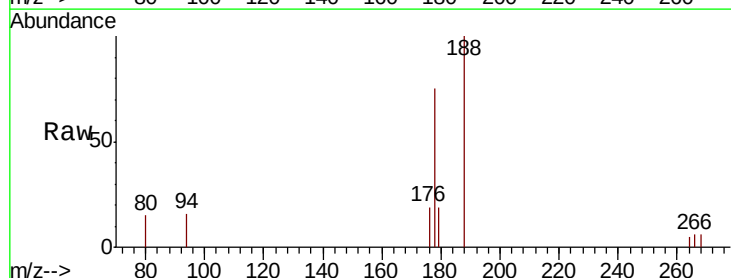
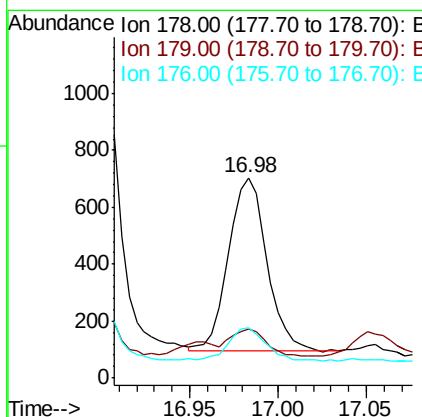
Delta R.T. -0.01 min

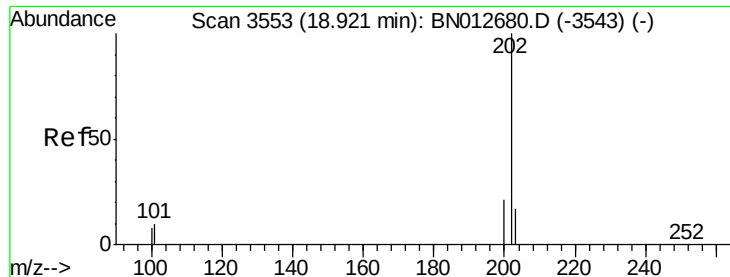
Lab File: BN012689.D

Acq: 21 Nov 2020 16:58

Tgt Ion:178 Resp: 923

Ion	Ratio	Lower	Upper
178	100		
179	24.7	14.8	22.2#
176	25.0	16.3	24.5#





#15

Fluoranthene

Concen: 0.559 ng/ul

RT: 18.92 min Scan# 3553

Delta R.T. -0.00 min

Lab File: BN012689.D

Acq: 21 Nov 2020 16:58

Instrument :

BNA_N

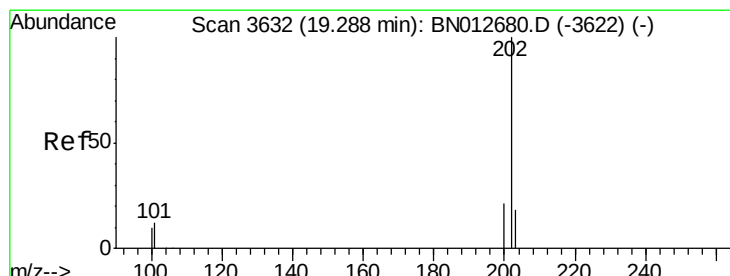
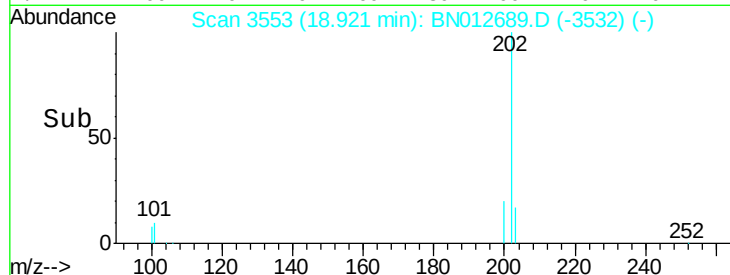
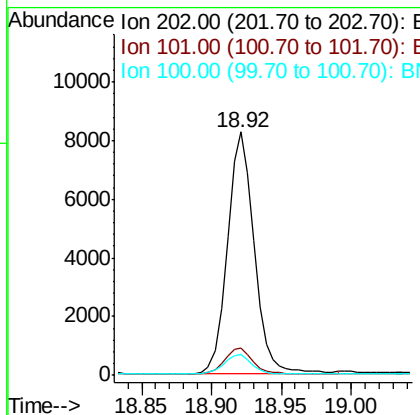
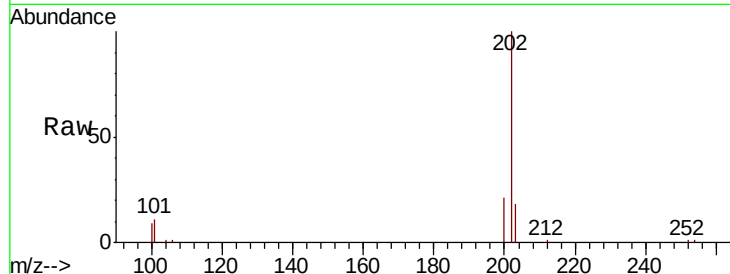
ClientSampleId :

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Tot Ion:	202	Resp:	11036
Ion Ratio	Lower	Upper	
202	100		
101	11.2	0.0	30.5
100	8.6	0.0	28.4

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#17

Pyrene

Concen: 0.598 ng/ul

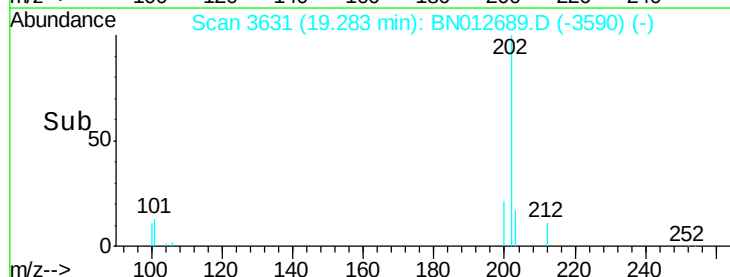
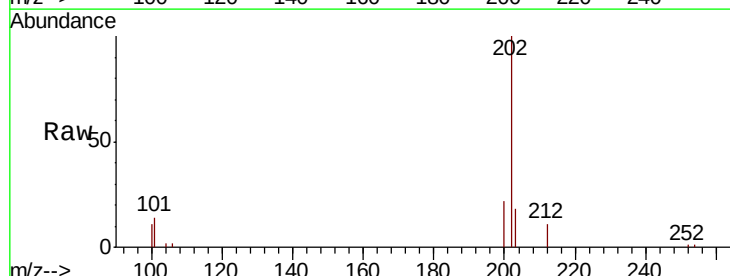
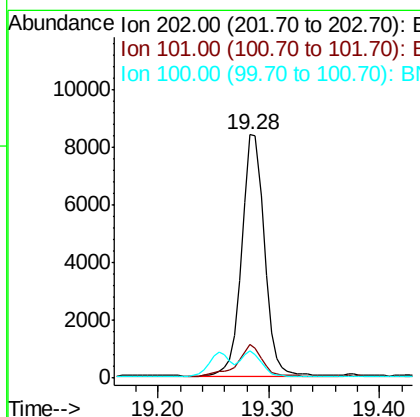
RT: 19.28 min Scan# 3631

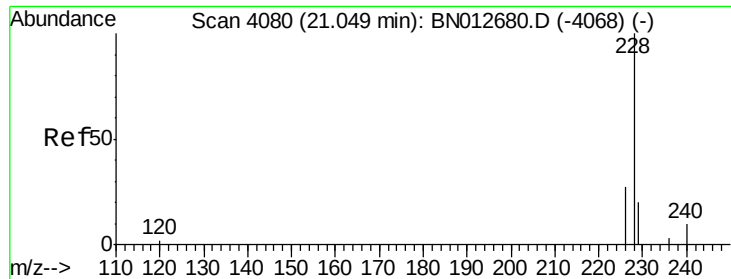
Delta R.T. -0.01 min

Lab File: BN012689.D

Acq: 21 Nov 2020 16:58

Tgt Ion:	202	Resp:	11590
Ion Ratio	Lower	Upper	
202	100		
101	14.1	8.9	13.3#
100	11.3	7.4	11.2#





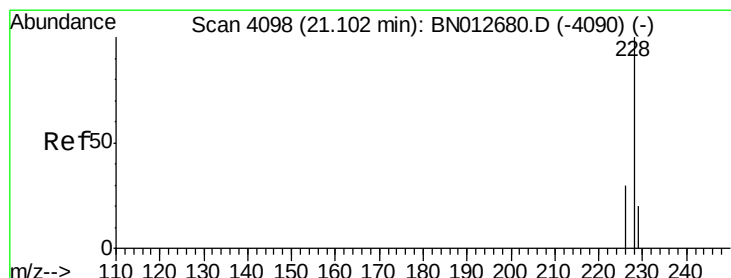
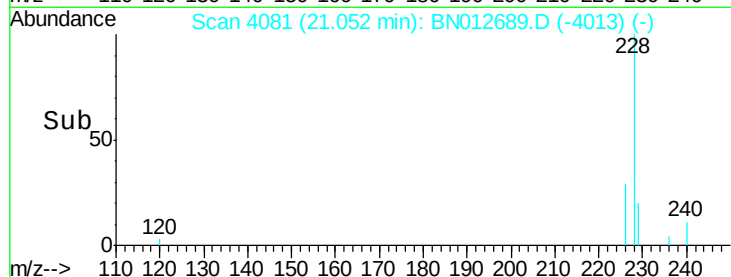
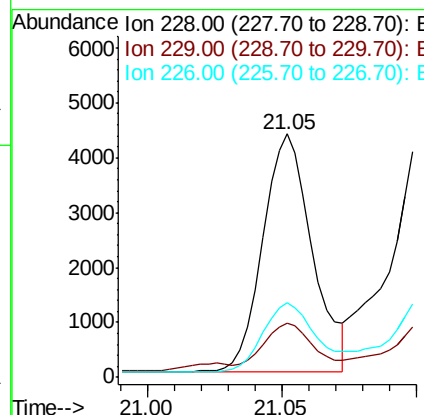
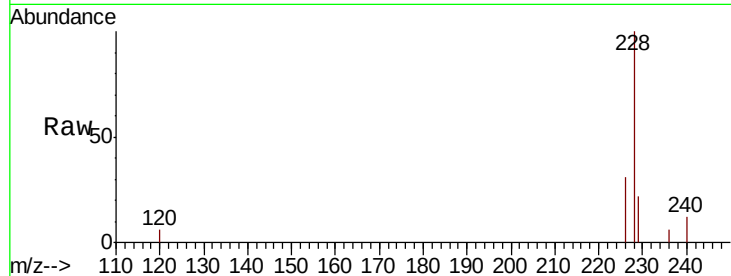
#18
Benzo(a)anthracene
Concen: 0.354 ng/ul
RT: 21.05 min Scan# 4081
Delta R.T. -0.00 min
Lab File: BN012689.D
Acq: 21 Nov 2020 16:58

Instrument :
BNA_N
ClientSampleId :
C0AY7DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	22.4	16.9	25.3
226	30.8	23.1	34.7

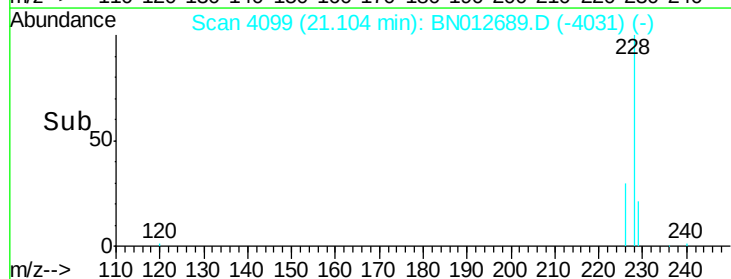
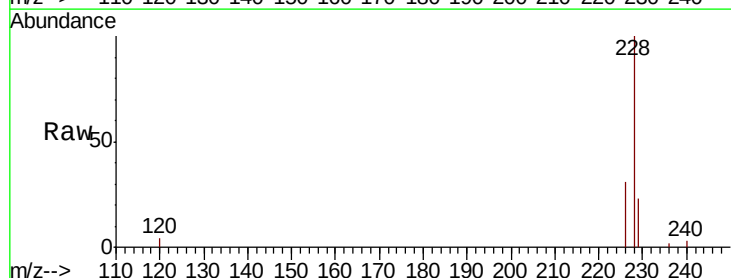
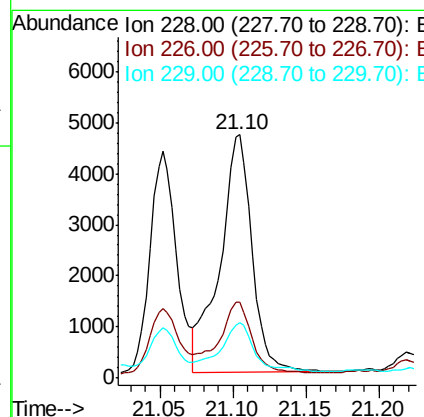
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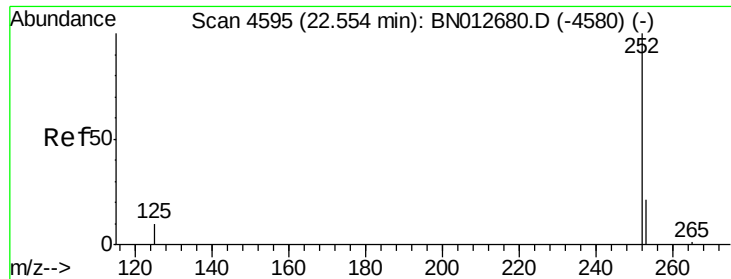
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#19
Chrysene
Concen: 0.365 ng/ul
RT: 21.10 min Scan# 4099
Delta R.T. -0.00 min
Lab File: BN012689.D
Acq: 21 Nov 2020 16:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.4	36.6
229	22.6	16.1	24.1





#21

Benzo(b)fluoranthene

Concen: 0.498 ng/ul m

RT: 22.56 min Scan# 4597

Delta R.T. -0.00 min

Lab File: BN012689.D

Acq: 21 Nov 2020 16:58

Instrument :

BNA_N

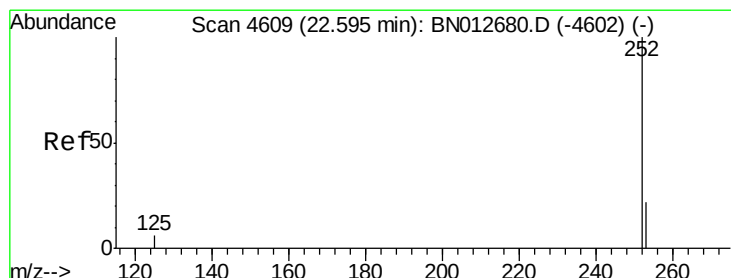
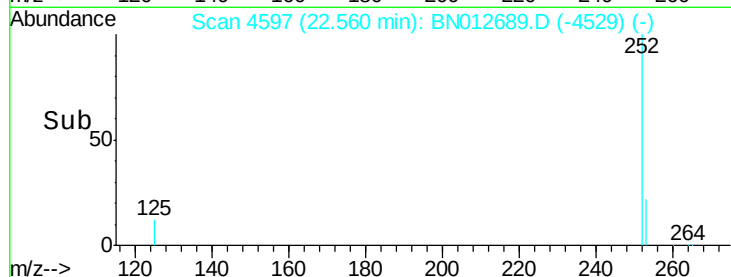
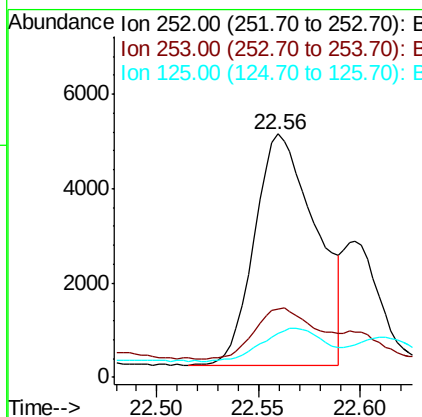
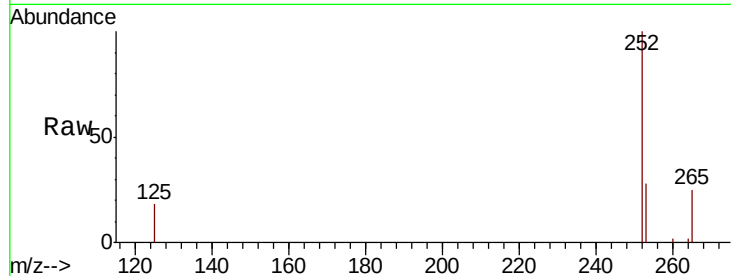
ClientSampleId :

C0AY7DL

Tot Ion:	252	Resp:	10197
Ion Ratio	Lower	Upper	
252	100		
253	28.1	0.0	58.4
125	18.1	0.0	28.6

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#22

Benzo(k)fluoranthene

Concen: 0.140 ng/ul m

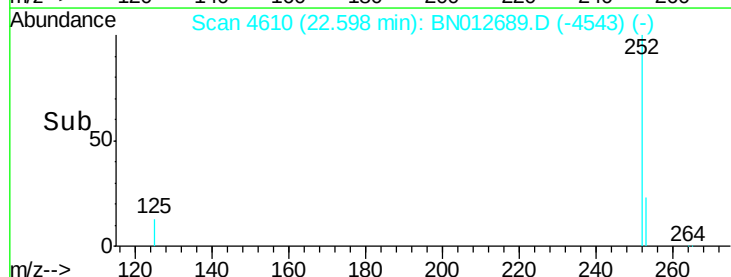
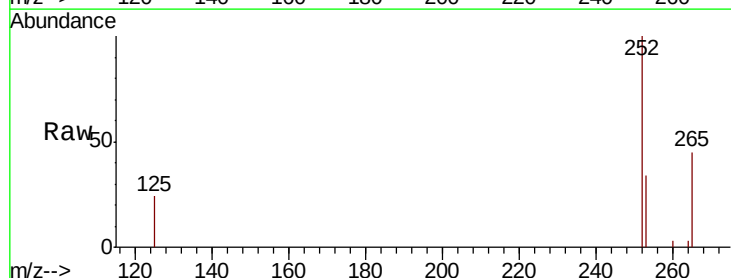
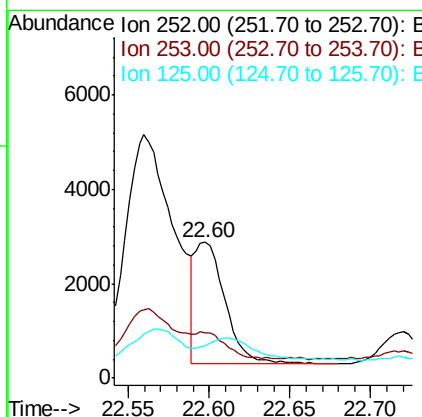
RT: 22.60 min Scan# 4610

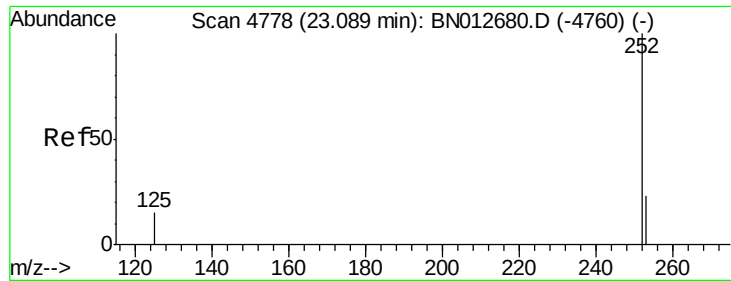
Delta R.T. -0.00 min

Lab File: BN012689.D

Acq: 21 Nov 2020 16:58

Tgt Ion:	252	Resp:	3312
Ion Ratio	Lower	Upper	
252	100		
253	33.7	23.4	35.2
125	24.1	10.2	15.2#





#23

Benzo(a)pyrene

Concen: 0.345 ng/ul

RT: 23.09 min Scan# 4779

Delta R.T. -0.00 min

Lab File: BN012689.D

Acq: 21 Nov 2020 16:58

Instrument :

BNA_N

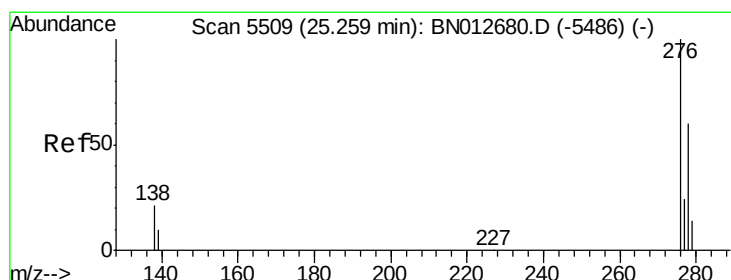
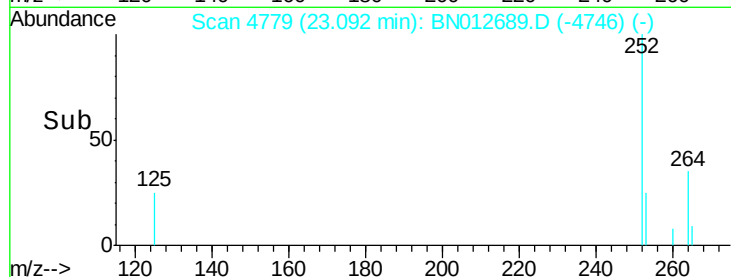
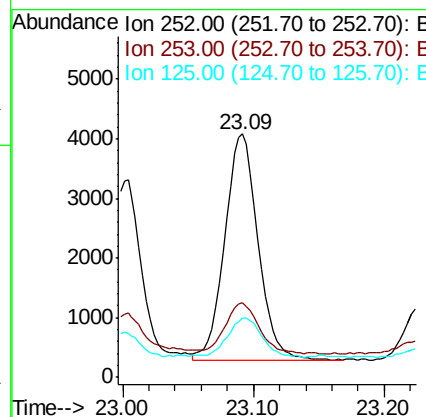
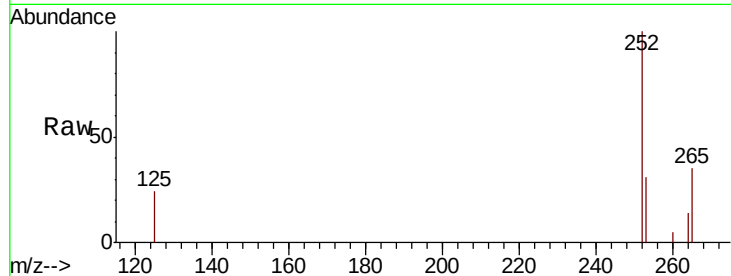
ClientSampleId :

C0AY7DL

Tot Ion:	252	Resp:	6661
Ion Ratio	Lower	Upper	
252	100		
253	30.8	27.6	41.4
125	24.4	17.0	25.4

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.200 ng/ul

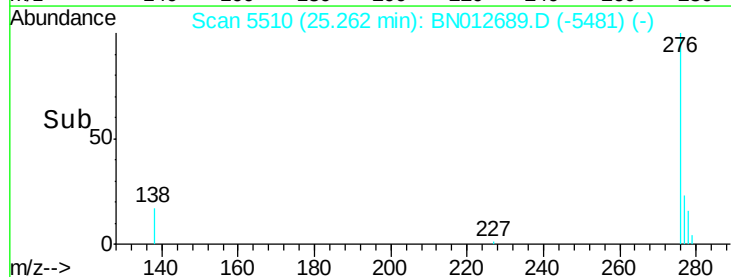
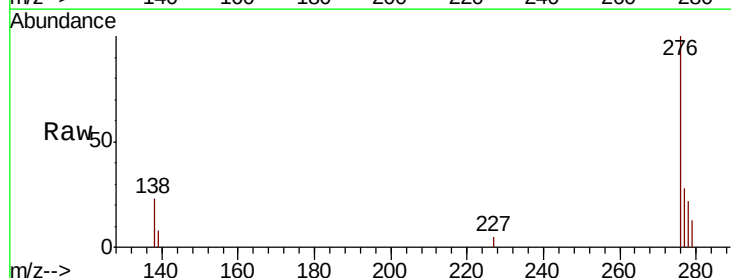
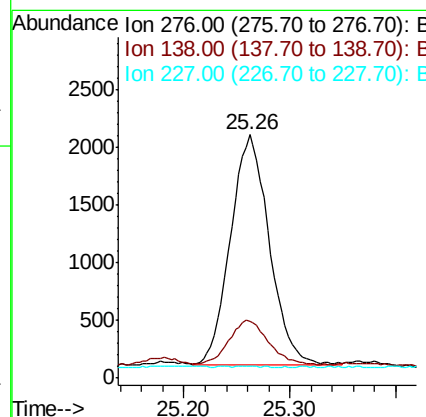
RT: 25.26 min Scan# 5510

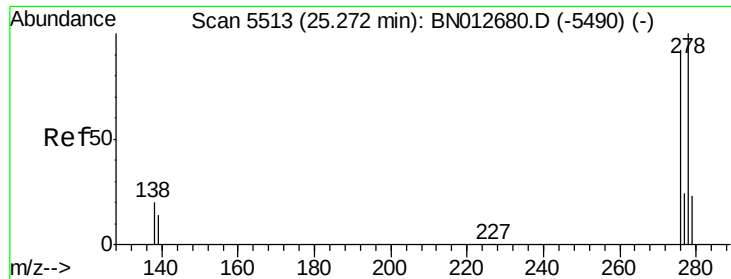
Delta R.T. -0.00 min

Lab File: BN012689.D

Acq: 21 Nov 2020 16:58

Tgt Ion:	276	Resp:	5050
Ion Ratio	Lower	Upper	
276	100		
138	19.6	16.5	24.7
227	0.4	0.1	0.1#





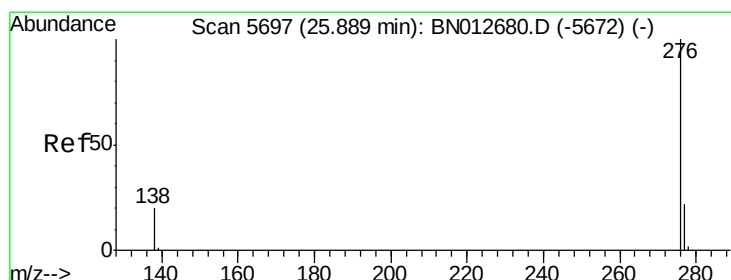
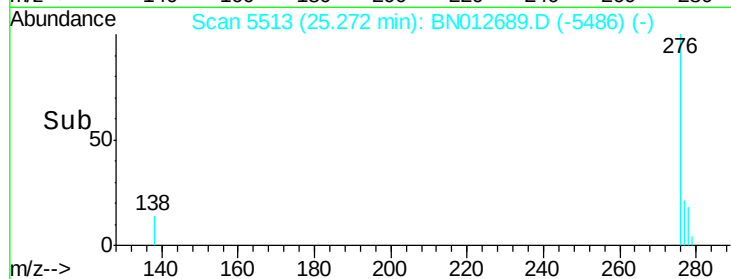
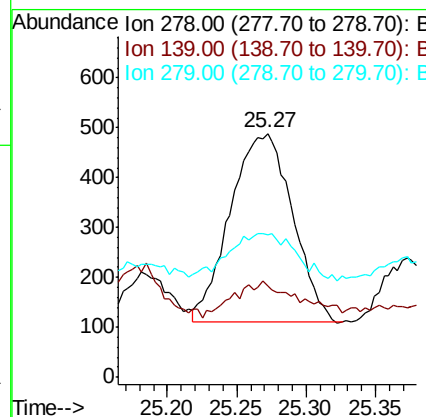
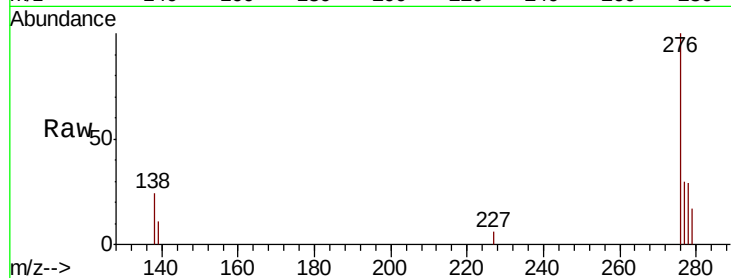
#25
Dibenzo(a,h)anthracene
Concen: 0.058 ng/ul
RT: 25.27 min Scan# 5513
Delta R.T. -0.01 min
Lab File: BN012689.D
Acq: 21 Nov 2020 16:58

Instrument :
BNA_N
ClientSampleId :
C0AY7DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	37.3	13.8	20.8#
279	58.4	25.6	38.4#

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#26
Benzo(g,h,i)perylene
Concen: 0.217 ng/ul
RT: 25.90 min Scan# 5699
Delta R.T. -0.00 min
Lab File: BN012689.D
Acq: 21 Nov 2020 16:58

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.1	16.3	24.5#
277	27.7	21.8	32.8

