

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120320\
 Data File : BN012868.D
 Acq On : 04 Dec 2020 09:29
 Operator : CG/JU
 Sample : L4865-20DL 5X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B06DL

Manual Integrations
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mohammad
 12/7/2020 8:52:02 AM

Quant Time: Dec 04 10:04:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 04 10:02:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	943	0.40	ng/ul	0.00
2) Naphthalene-d8	10.16	136	3531	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.06	164	2022	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.82	188	4373	0.40	ng/ul	0.00
16) Chrysene-d12	21.04	240	3765	0.40	ng/ul	0.00
20) Perylene-d12	23.14	264	3865	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.78	152	136	0.03	ng/ul	0.00
14) Fluoranthene-d10	18.86	212	288	0.02	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	13.77	152	294	0.031	ng/ul#	70
9) Fluorene	15.12	166	231	0.026	ng/ul#	94
12) Phenanthrene	16.86	178	9328	0.636	ng/ul	98
13) Anthracene	16.95	178	824	0.066	ng/ul#	88
15) Fluoranthene	18.89	202	25756	1.478	ng/ul	97
17) Pyrene	19.26	202	21608	1.215	ng/ul	98
18) Benzo(a)anthracene	21.02	228	8431	0.541	ng/ul	99
19) Chrysene	21.08	228	12571	0.730	ng/ul	99
21) Benzo(b)fluoranthene	22.52	252	17997m	1.007	ng/ul	
22) Benzo(k)fluoranthene	22.56	252	7345m	0.372	ng/ul	
23) Benzo(a)pyrene	23.05	252	10292	0.620	ng/ul#	89
24) Indeno(1,2,3-cd)pyrene	25.20	276	8337	0.383	ng/ul#	96
25) Dibenzo(a,h)anthracene	25.20	278	1871	0.109	ng/ul#	91
26) Benzo(g,h,i)perylene	25.83	276	7842	0.398	ng/ul	98

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

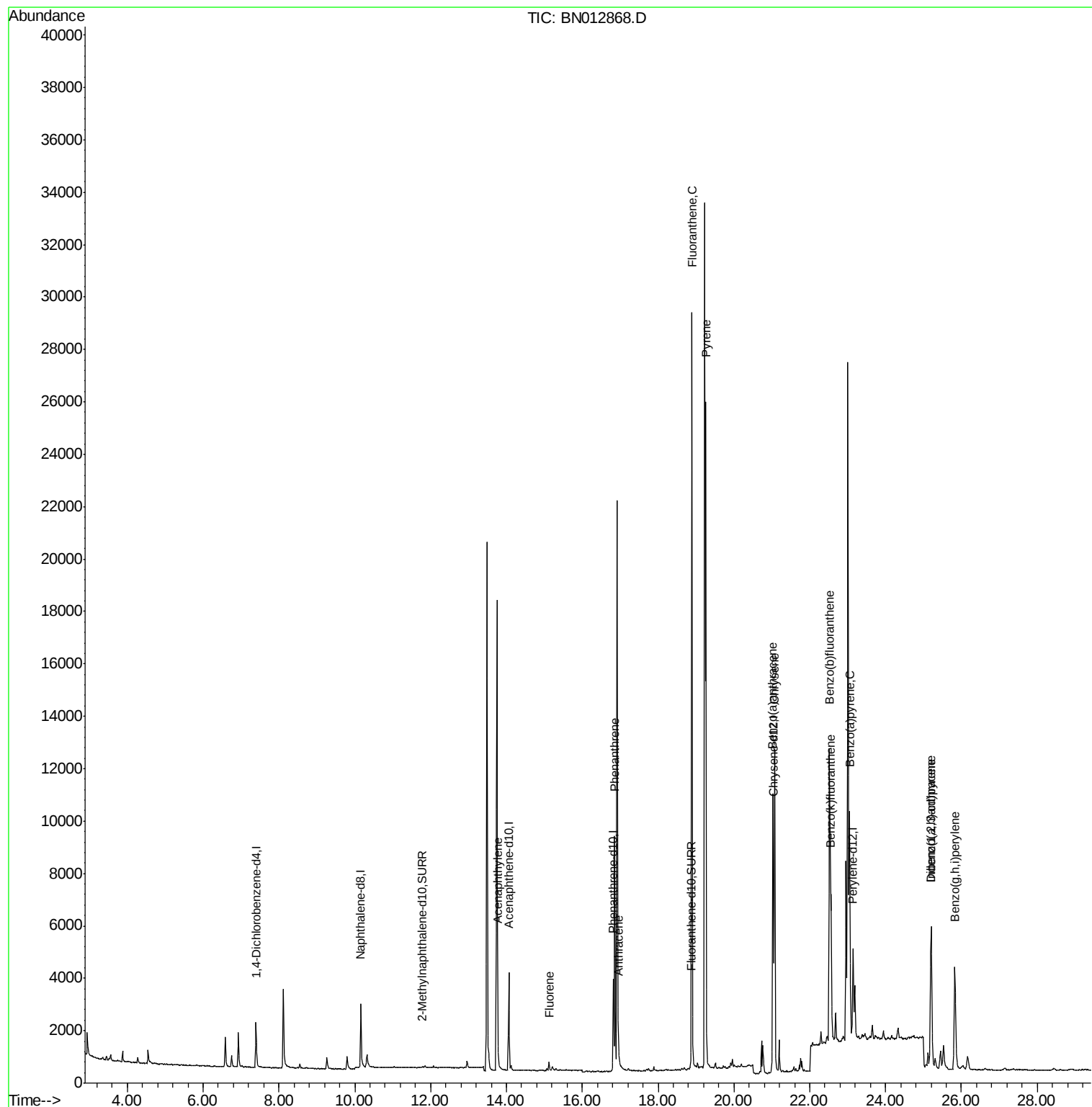
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120320\
Data File : BN012868.D
Acq On : 04 Dec 2020 09:29
Operator : CG/JU
Sample : L4865-20DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

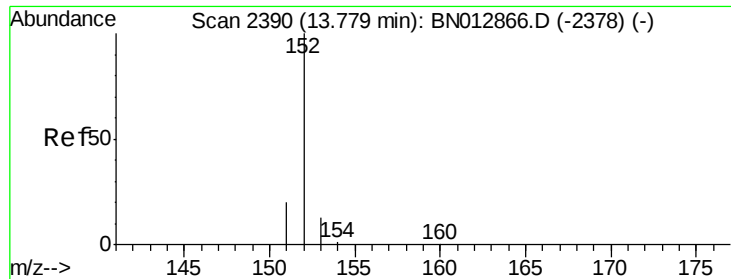
Instrument :
BNA_N
ClientSampleId :
C0B06DL

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Quant Time: Dec 04 10:04:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 04 10:02:32 2020
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.031 ng/ul

RT: 13.77 min Scan# 2389

Delta R.T. -0.00 min

Lab File: BN012868.D

Acq: 04 Dec 2020 09:29

Instrument :

BNA_N

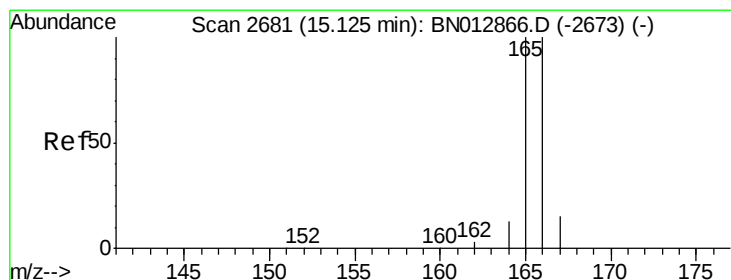
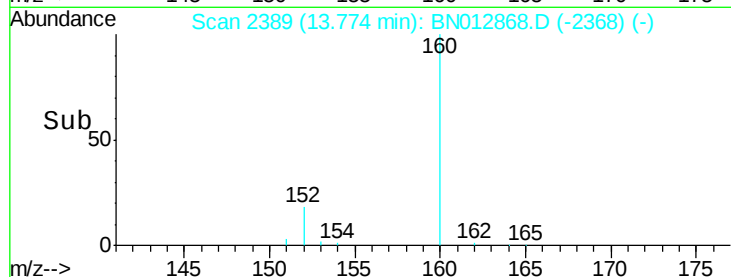
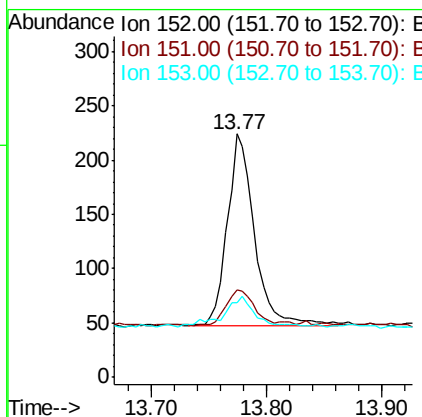
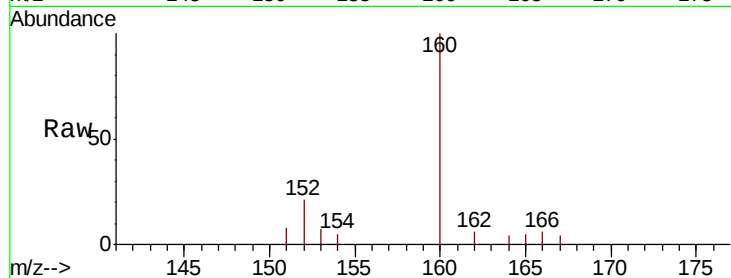
ClientSampleId :

C0B06DL

Tot Ion:	152	Resp:	294
Ion Ratio	Lower	Upper	
152	100		
151	35.7	18.2	27.4#
153	30.8	13.1	19.7#

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#9

Fluorene

Concen: 0.026 ng/ul

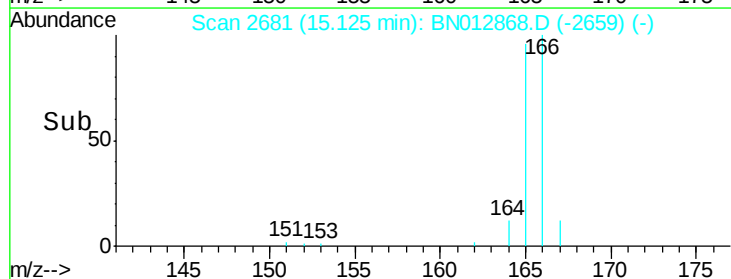
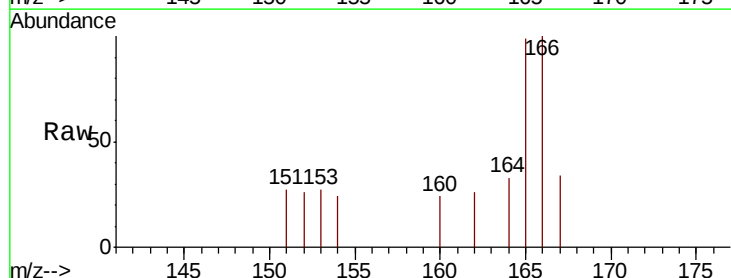
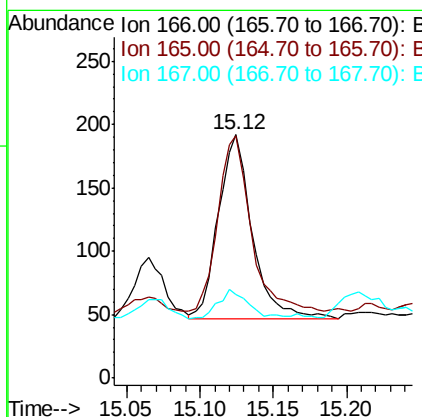
RT: 15.12 min Scan# 2681

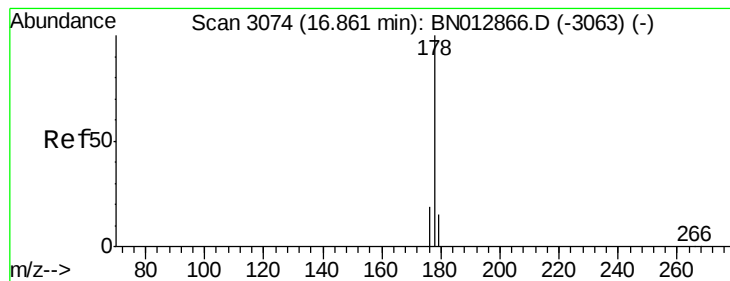
Delta R.T. -0.00 min

Lab File: BN012868.D

Acq: 04 Dec 2020 09:29

Tgt Ion:	166	Resp:	231
Ion Ratio	Lower	Upper	
166	100		
165	99.5	79.8	119.8
167	34.4	13.8	20.8#





#12

Phenanthrene

Concen: 0.636 ng/ul

RT: 16.86 min Scan# 3073

Delta R.T. -0.00 min

Lab File: BN012868.D

Acq: 04 Dec 2020 09:29

Instrument :

BNA_N

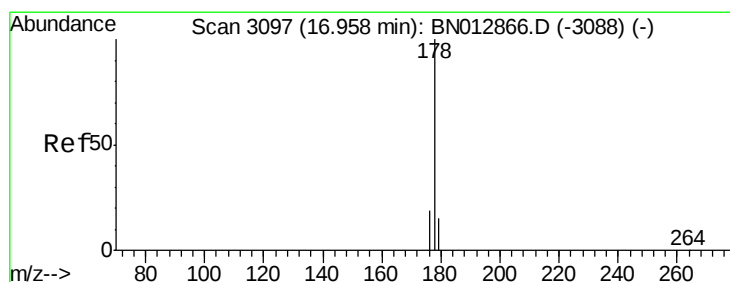
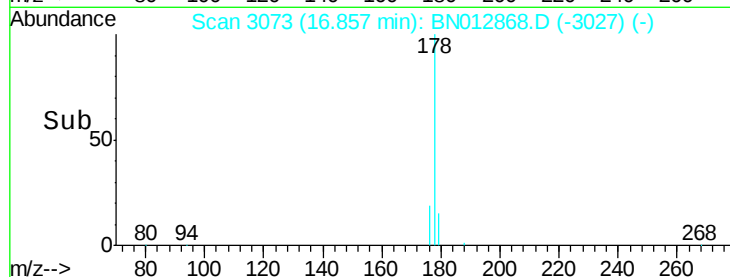
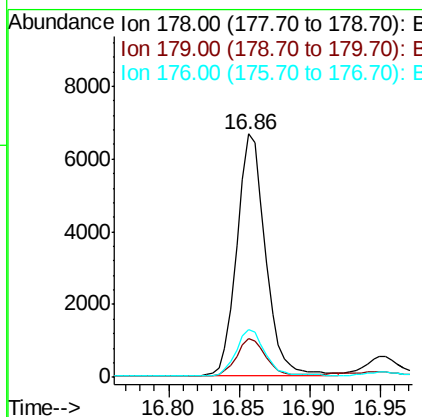
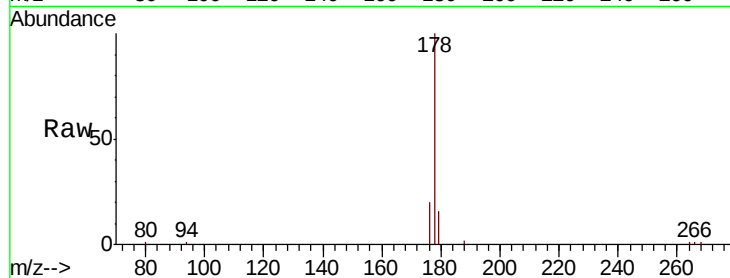
ClientSampleId :

C0B06DL

Tot Ion:178	Resp:	9328
Ion Ratio	Lower	Upper
178 100		
179 15.9	13.6	20.4
176 19.5	16.4	24.6

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#13

Anthracene

Concen: 0.066 ng/ul

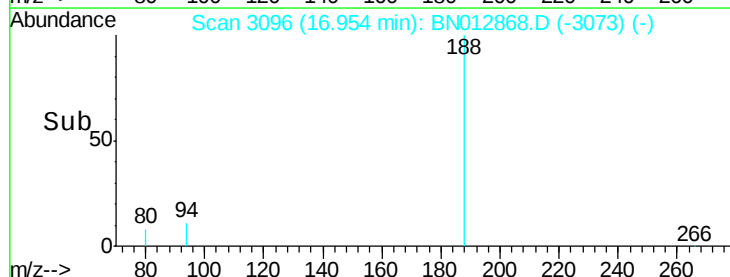
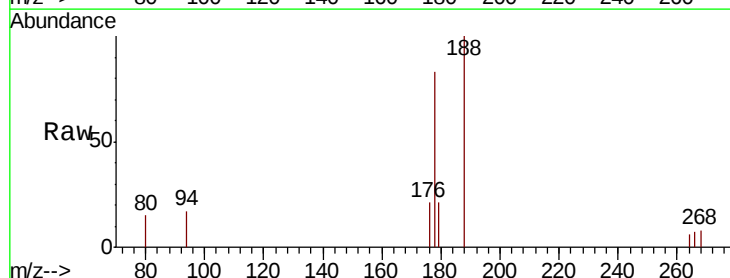
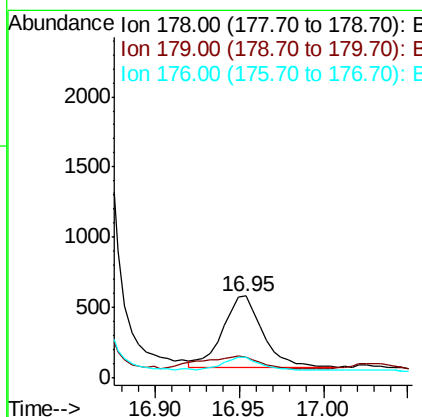
RT: 16.95 min Scan# 3096

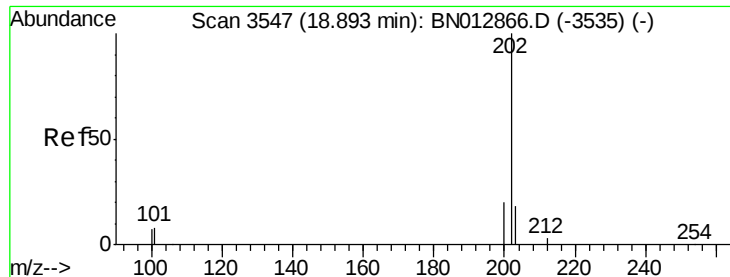
Delta R.T. -0.00 min

Lab File: BN012868.D

Acq: 04 Dec 2020 09:29

Tgt Ion:178	Resp:	824
Ion Ratio	Lower	Upper
178 100		
179 25.2	14.6	21.8#
176 25.3	17.1	25.7





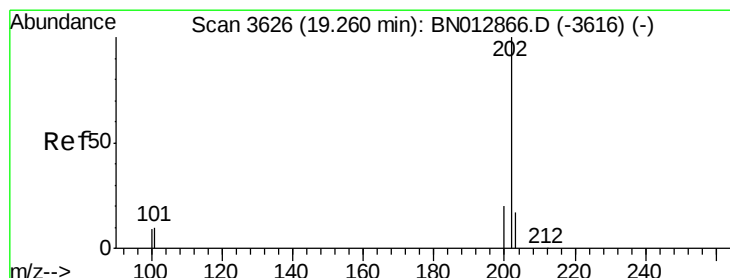
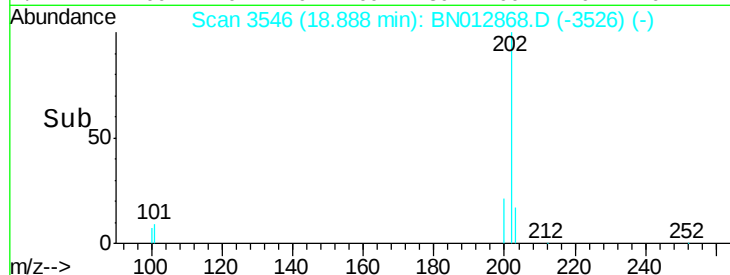
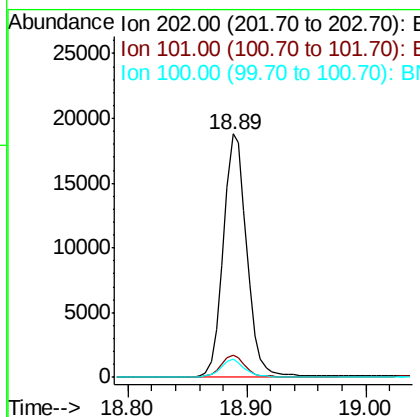
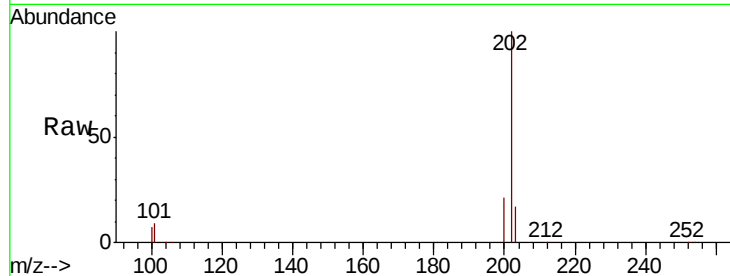
#15
Fluoranthene
Concen: 1.478 ng/ul
RT: 18.89 min Scan# 3546
Delta R.T. -0.00 min
Lab File: BN012868.D
Acq: 04 Dec 2020 09:29

Instrument :
BNA_N
ClientSampleId :
C0B06DL

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.3	0.0	30.6
100	7.5	0.0	28.7

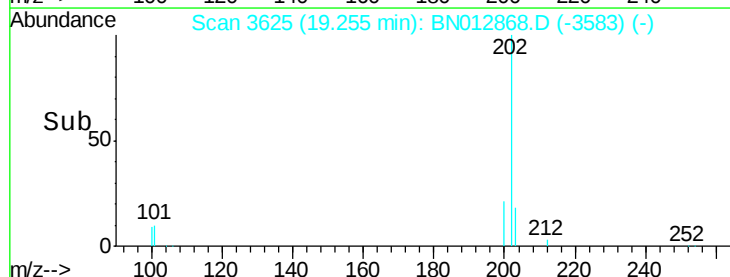
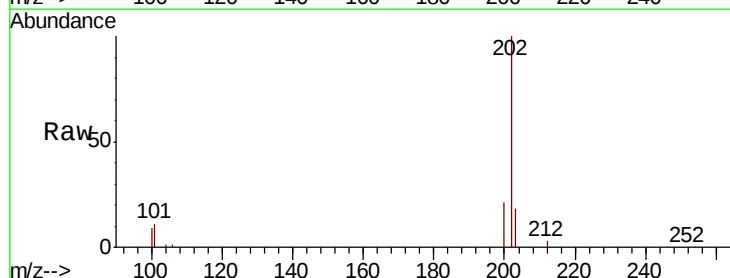
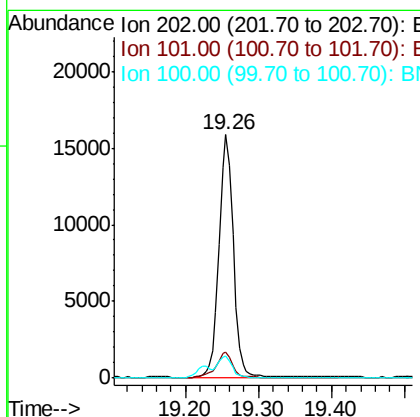
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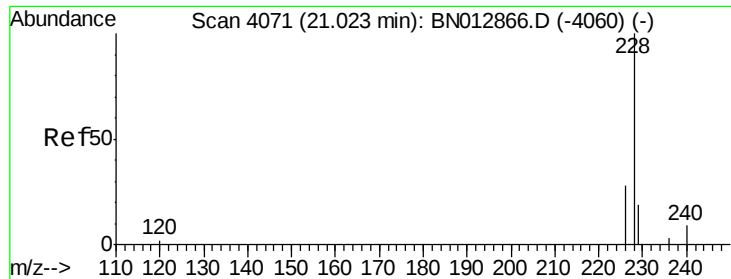
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#17
Pyrene
Concen: 1.215 ng/ul
RT: 19.26 min Scan# 3625
Delta R.T. -0.00 min
Lab File: BN012868.D
Acq: 04 Dec 2020 09:29

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	10.6	9.1	13.7
100	9.1	7.5	11.3





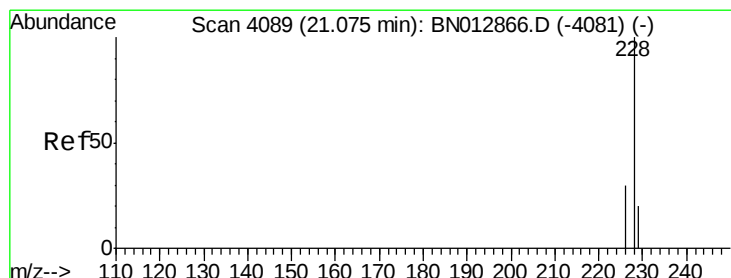
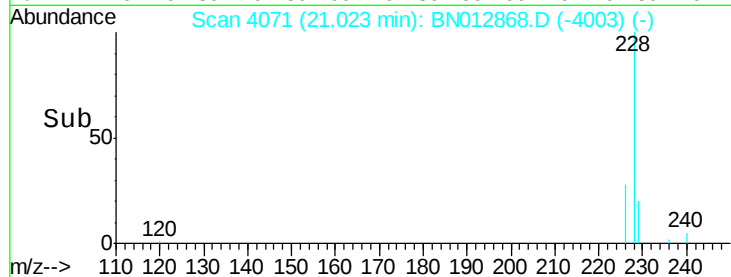
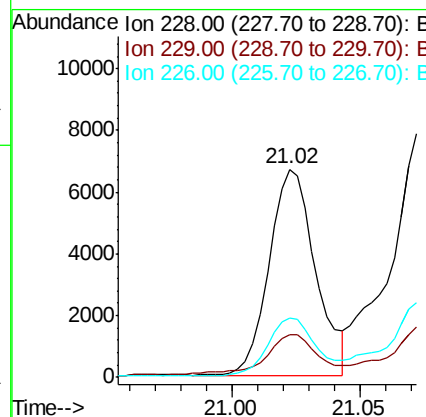
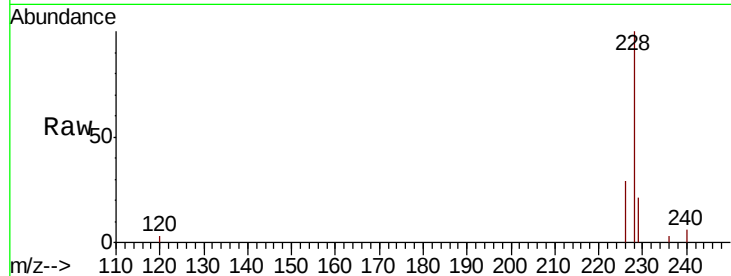
#18
Benzo(a)anthracene
Concen: 0.541 ng/ul
RT: 21.02 min Scan# 4071
Delta R.T. -0.00 min
Lab File: BN012868.D
Acq: 04 Dec 2020 09:29

Instrument :
BNA_N
ClientSampled :
C0B06DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.7	16.3	24.5
226	28.6	23.4	35.2

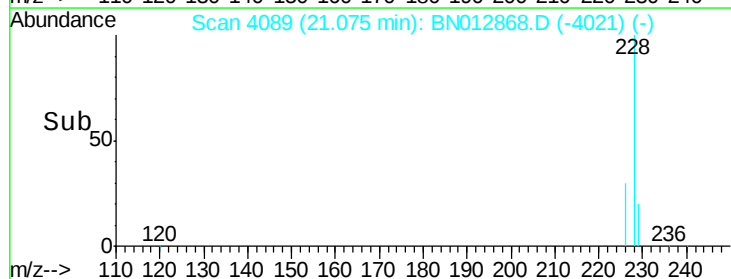
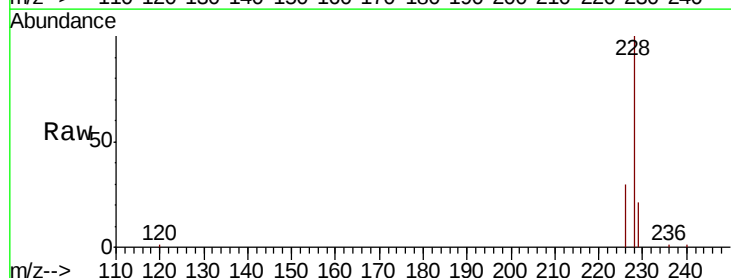
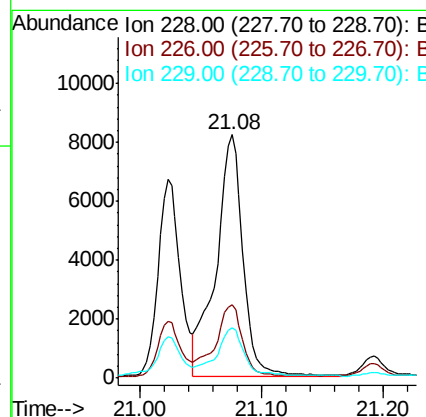
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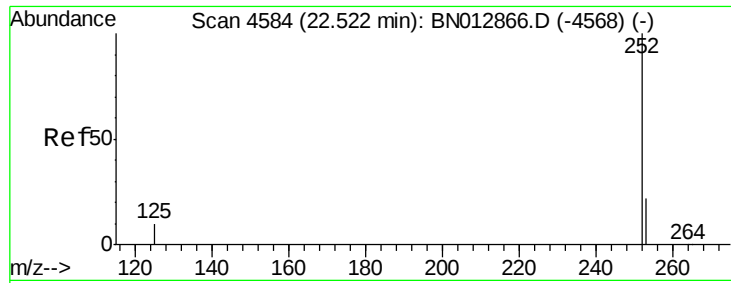
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#19
Chrysene
Concen: 0.730 ng/ul
RT: 21.08 min Scan# 4089
Delta R.T. -0.00 min
Lab File: BN012868.D
Acq: 04 Dec 2020 09:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.0	37.6
229	20.8	16.4	24.6





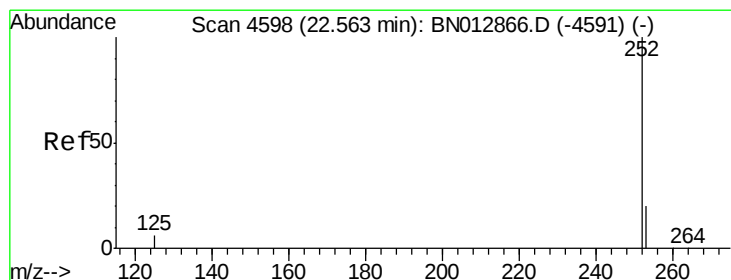
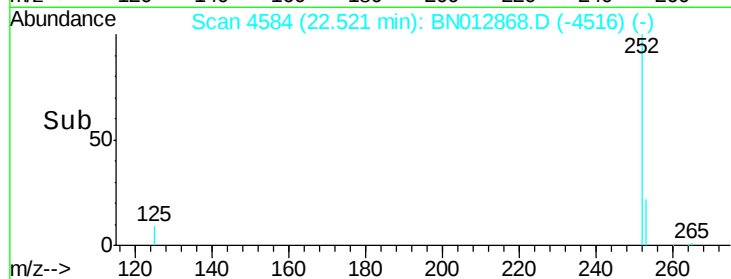
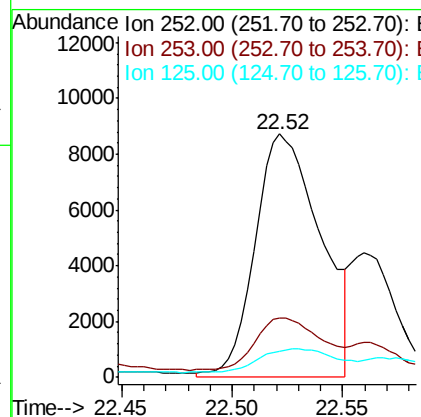
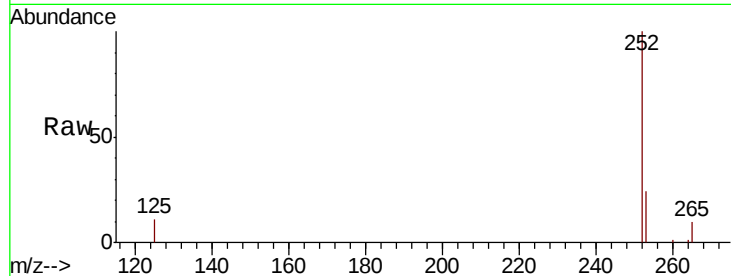
#21
Benzo(b)fluoranthene
Concen: 1.007 ng/ul m
RT: 22.52 min Scan# 4584
Delta R.T. -0.00 min
Lab File: BN012868.D
Acq: 04 Dec 2020 09:29

Instrument :
BNA_N
ClientSampleId :
C0B06DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	0.0	59.6
125	10.9	0.0	26.0

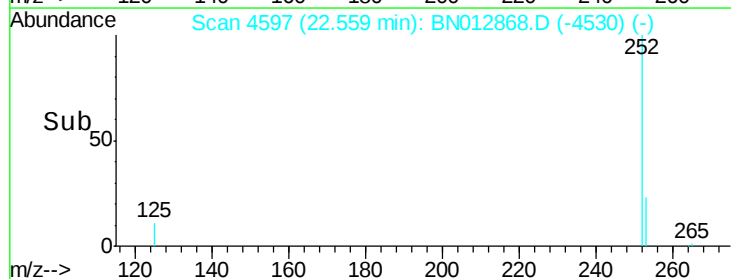
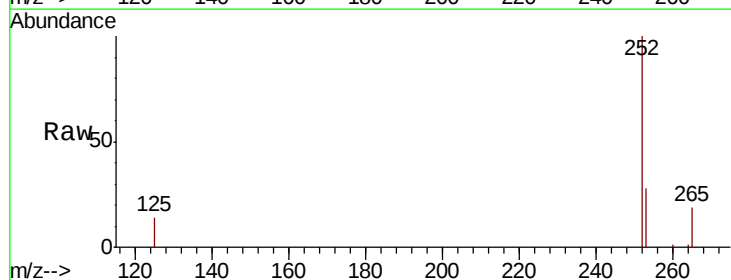
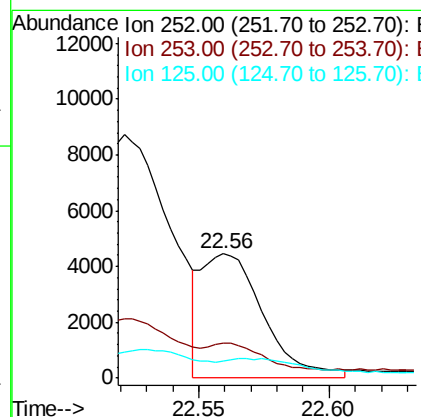
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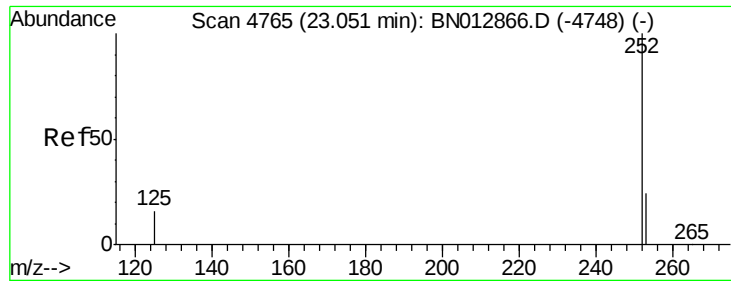
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#22
Benzo(k)fluoranthene
Concen: 0.372 ng/ul m
RT: 22.56 min Scan# 4597
Delta R.T. -0.00 min
Lab File: BN012868.D
Acq: 04 Dec 2020 09:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.7	23.4	35.2
125	13.9	11.1	16.7





#23

Benzo(a)pyrene

Concen: 0.620 ng/ul

RT: 23.05 min Scan# 4765

Delta R.T. -0.00 min

Lab File: BN012868.D

Acq: 04 Dec 2020 09:29

Instrument :

BNA_N

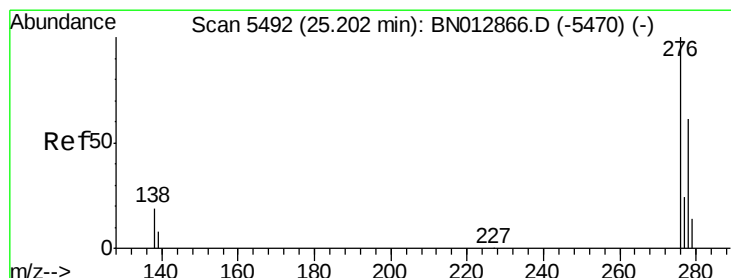
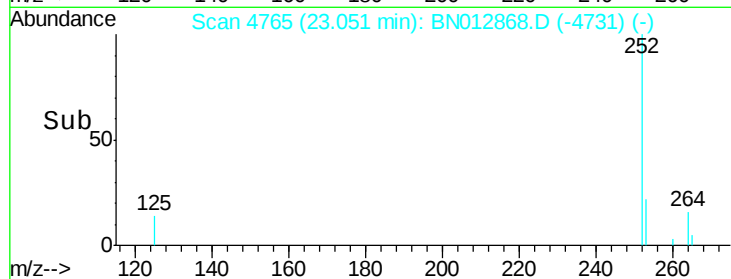
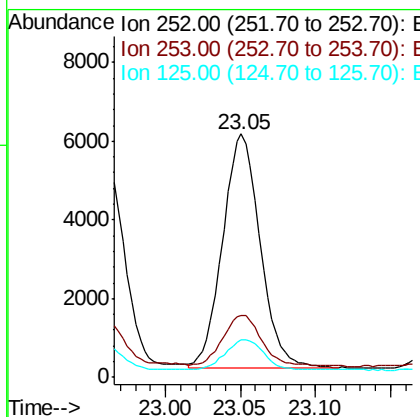
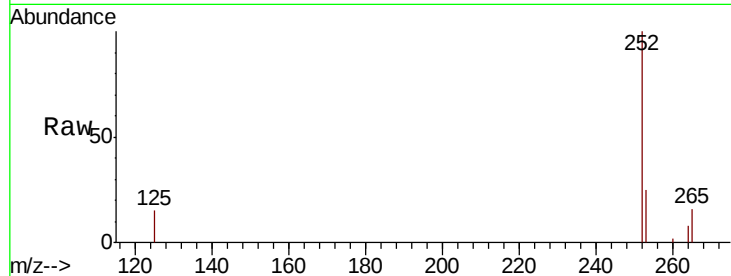
ClientSampleId :

C0B06DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.4	26.5	39.7#
125	15.4	14.2	21.2

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.383 ng/ul

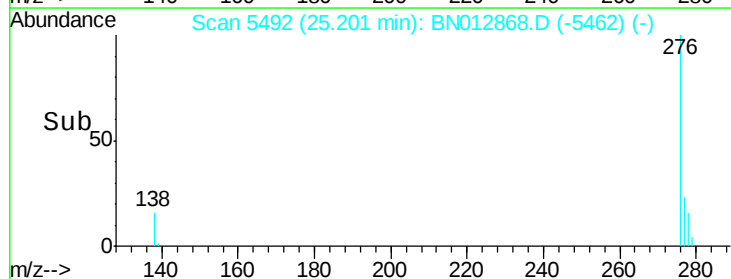
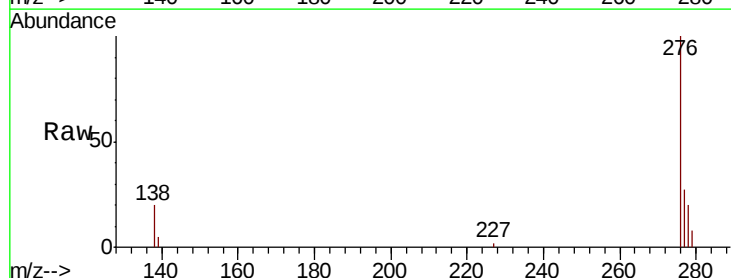
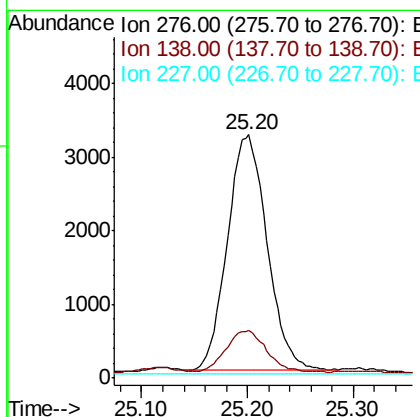
RT: 25.20 min Scan# 5492

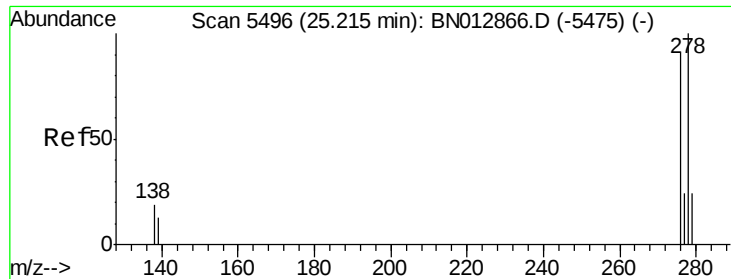
Delta R.T. -0.00 min

Lab File: BN012868.D

Acq: 04 Dec 2020 09:29

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.2	16.2	24.2
227	0.3	0.0	0.0#





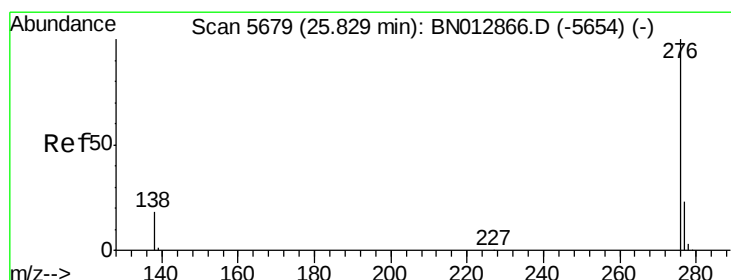
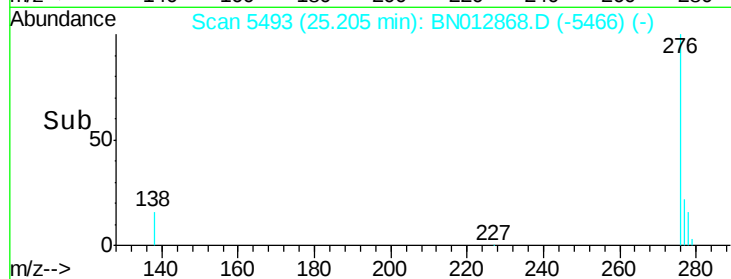
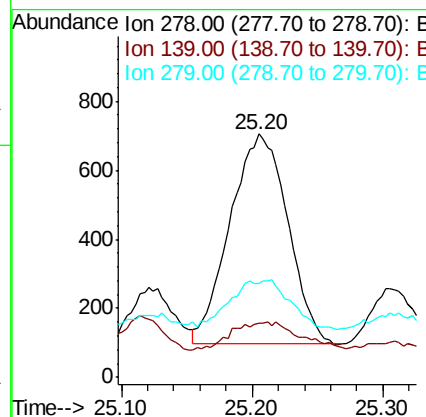
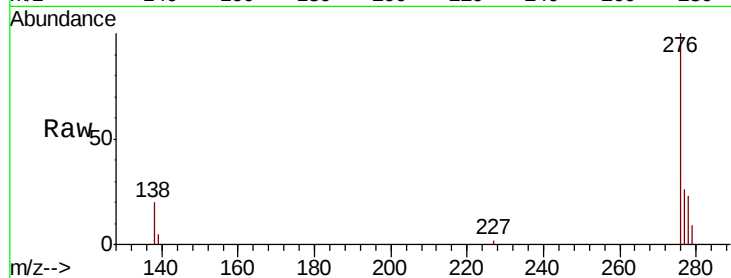
#25
Dibenzo(a,h)anthracene
Concen: 0.109 ng/u1
RT: 25.20 min Scan# 5493
Delta R.T. -0.01 min
Lab File: BN012868.D
Acq: 04 Dec 2020 09:29

Instrument :
BNA_N
ClientSampleId :
C0B06DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	22.1	14.5	21.7#
279	38.4	26.3	39.5

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#26
Benzo(g,h,i)perylene
Concen: 0.398 ng/u1
RT: 25.83 min Scan# 5678
Delta R.T. -0.00 min
Lab File: BN012868.D
Acq: 04 Dec 2020 09:29

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.4	16.3	24.5
277	25.2	21.8	32.6

