

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120320\
 Data File : BN012863.D
 Acq On : 04 Dec 2020 00:56
 Operator : CG/JU
 Sample : L4865-08DL 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B92DL

Manual Integrations
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mohammad
 12/7/2020 8:51:49 AM

Quant Time: Dec 04 02:24:51 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 : Thu Dec 03 15:27:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	652	0.40	ng/ul	0.00
2) Naphthalene-d8	10.16	136	2403	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.07	164	1407	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.82	188	2992	0.40	ng/ul	0.00
16) Chrysene-d12	21.04	240	2536	0.40	ng/ul	0.00
20) Perylene-d12	23.14	264	2600	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.79	152	90	0.03	ng/ul	0.02
14) Fluoranthene-d10	18.86	212	212	0.03	ng/ul	0.00
Target Compounds				Ovalue		
8) Acenaphthene	14.13	153	245	0.045	ng/ul#	91
9) Fluorene	15.12	166	228	0.036	ng/ul#	90
12) Phenanthrene	16.86	178	5460	0.544	ng/ul	99
13) Anthracene	16.95	178	906	0.106	ng/ul#	90
15) Fluoranthene	18.89	202	11074	0.929	ng/ul	96
17) Pyrene	19.26	202	10323	0.862	ng/ul	99
18) Benzo(a)anthracene	21.02	228	4743	0.452	ng/ul	98
19) Chrysene	21.07	228	5375	0.464	ng/ul	98
21) Benzo(b)fluoranthene	22.52	252	7628m	0.634	ng/ul	
22) Benzo(k)fluoranthene	22.56	252	2500m	0.188	ng/ul	
23) Benzo(a)pyrene	23.05	252	4994	0.447	ng/ul	95
24) Indeno(1,2,3-cd)pyrene	25.20	276	3657	0.249	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.21	278	879	0.076	ng/ul#	66
26) Benzo(g,h,i)perylene	25.83	276	3360	0.253	ng/ul	98

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

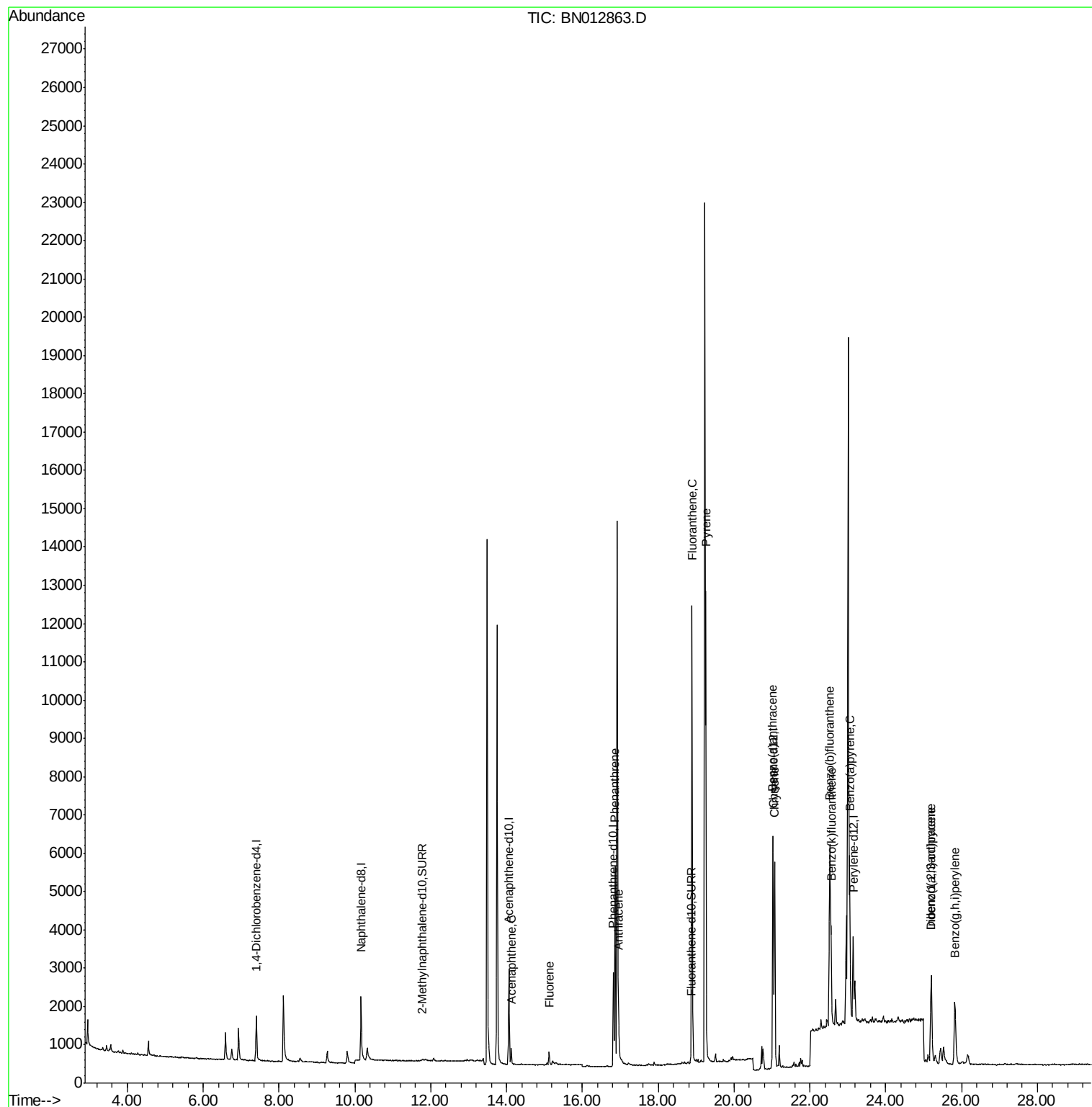
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Data File : BN012863.D
Acq On : 04 Dec 2020 00:56
Operator : CG/JU
Sample : L4865-08DL 5X
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ALS Vial : 23 Sample Multiplier: 1

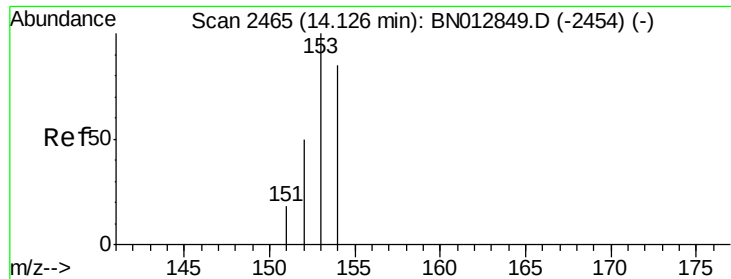
Instrument :
BNA_N
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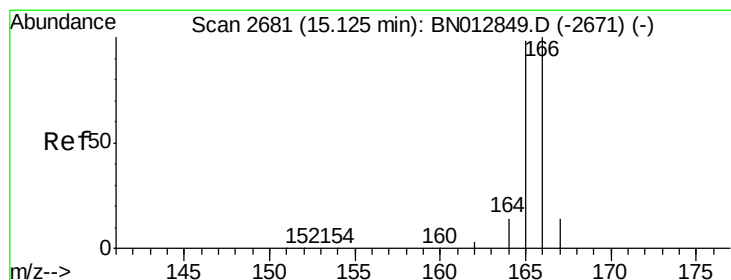
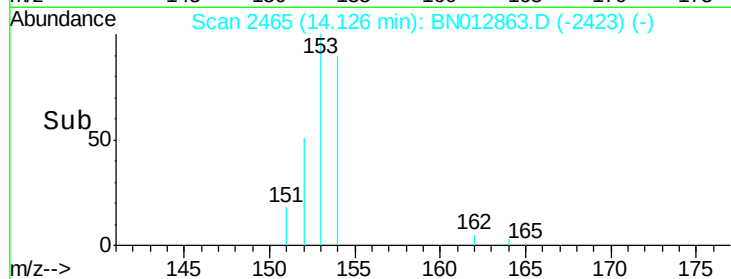
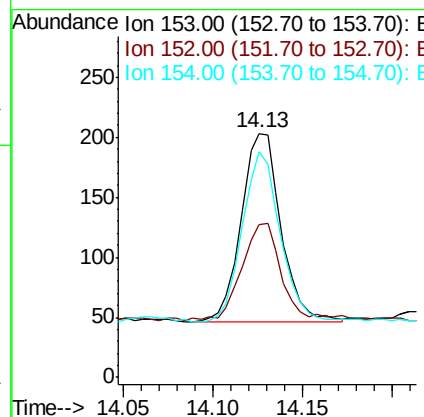
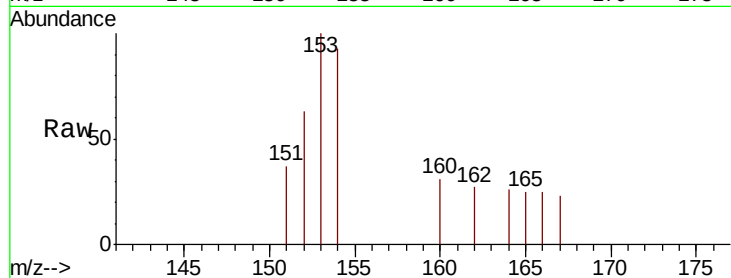
#8
Acenaphthene
Concen: 0.045 ng/ul
RT: 14.13 min Scan# 2465
Delta R.T. -0.00 min
Lab File: BN012863.D
Acq: 04 Dec 2020 00:56

Instrument :
BNA_N
ClientSampleId :
C0B92DL

Tot Ion	Ratio	Lower	Upper
153	100		
152	62.6	40.7	61.1#
154	92.6	70.8	106.2

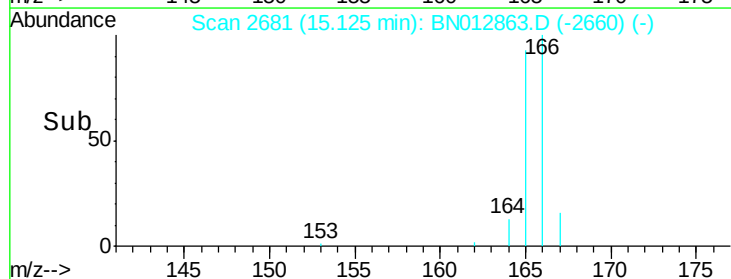
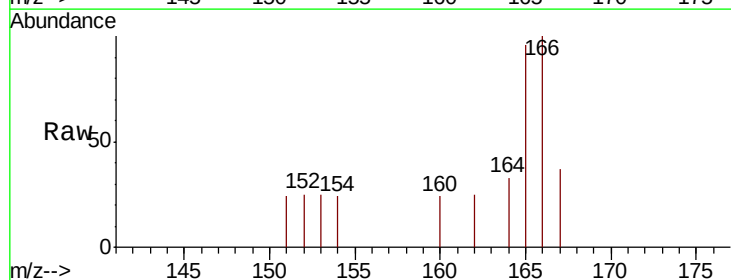
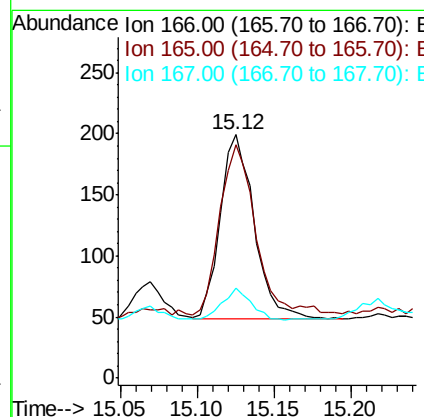
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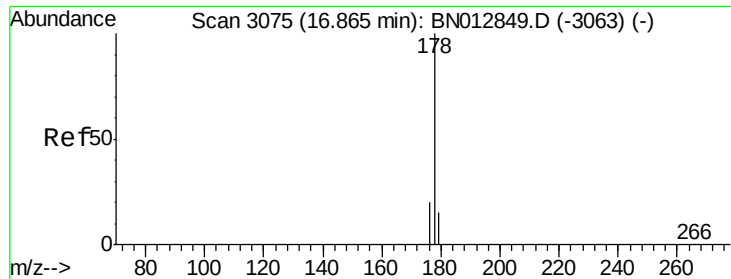
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#9
Fluorene
Concen: 0.036 ng/ul
RT: 15.12 min Scan# 2681
Delta R.T. -0.00 min
Lab File: BN012863.D
Acq: 04 Dec 2020 00:56

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.0	79.8	119.8
167	37.2	13.8	20.8#





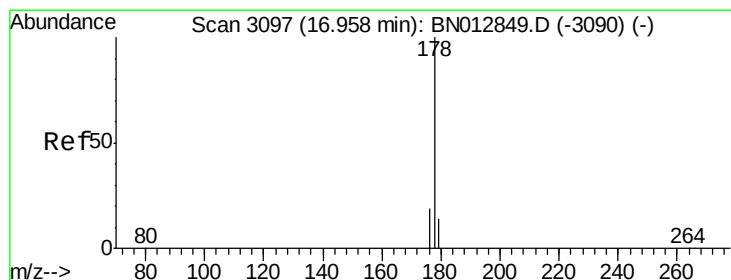
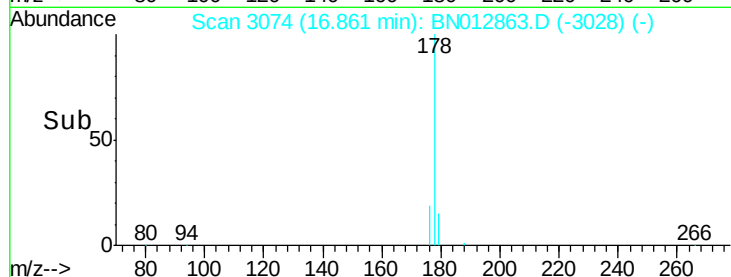
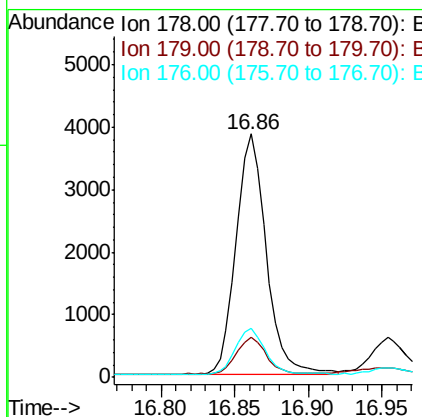
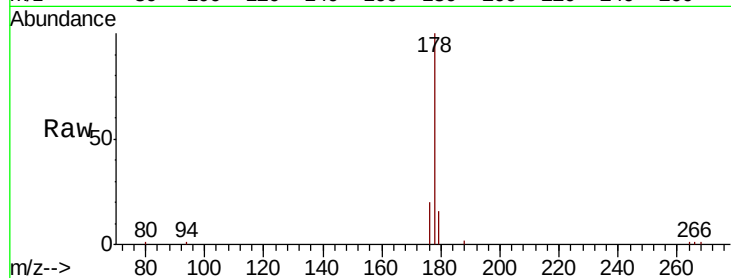
#12
Phenanthrene
Concen: 0.544 ng/ul
RT: 16.86 min Scan# 3074
Delta R.T. -0.00 min
Lab File: BN012863.D
Acq: 04 Dec 2020 00:56

Instrument :
BNA_N
ClientSampleId :
C0B92DL

Tot Ion:178	Resp:	5460
Ion Ratio	Lower	Upper
178	100	
179	16.5	13.6 20.4
176	20.1	16.4 24.6

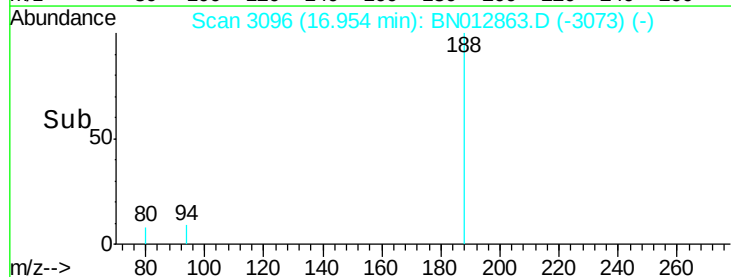
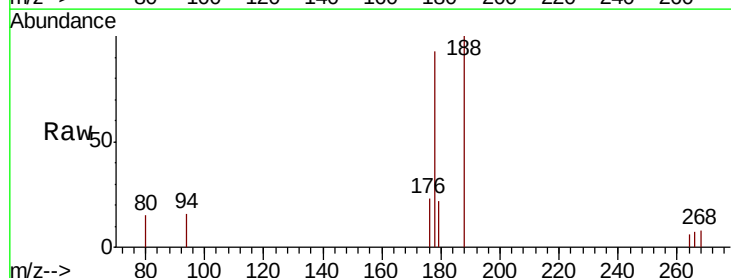
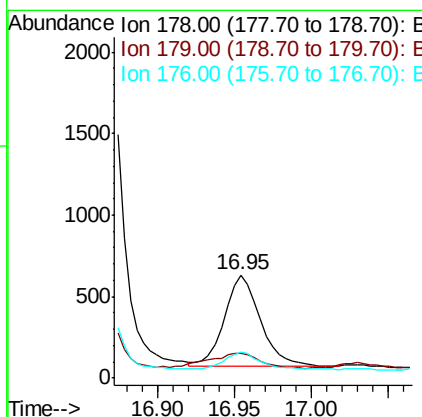
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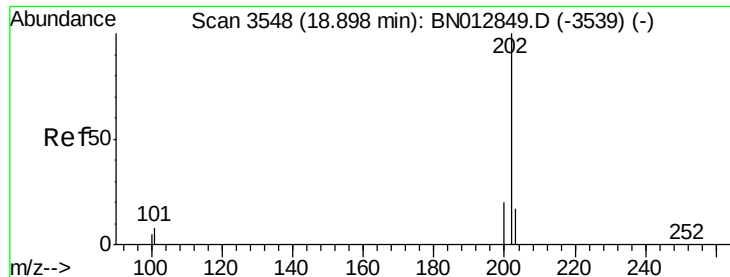
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#13
Anthracene
Concen: 0.106 ng/ul
RT: 16.95 min Scan# 3096
Delta R.T. -0.00 min
Lab File: BN012863.D
Acq: 04 Dec 2020 00:56

Tgt Ion:178	Resp:	906
Ion Ratio	Lower	Upper
178	100	
179	24.3	14.6 21.8#
176	24.6	17.1 25.7





#15

Fluoranthene

Concen: 0.929 ng/ul

RT: 18.89 min Scan# 3547

Delta R.T. -0.00 min

Lab File: BN012863.D

Acq: 04 Dec 2020 00:56

Instrument :

BNA_N

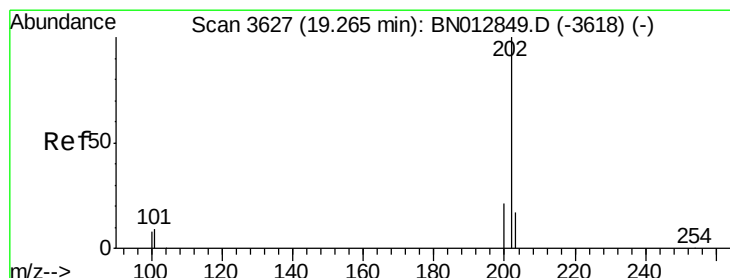
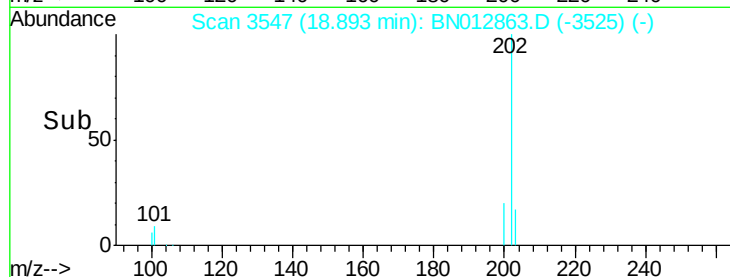
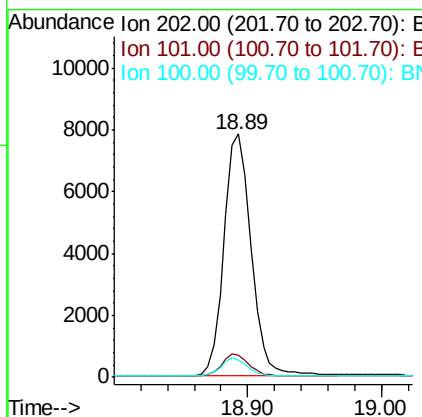
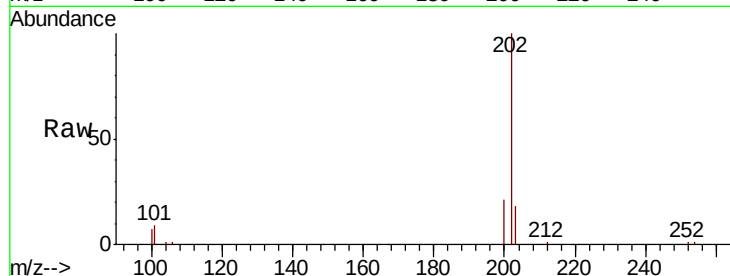
ClientSampleId :

C0B92DL

Tot Ion:	202	Resp:	11074
Ion Ratio	Lower	Upper	
202	100		
101	9.2	0.0	30.6
100	7.0	0.0	28.7

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#17

Pyrene

Concen: 0.862 ng/ul

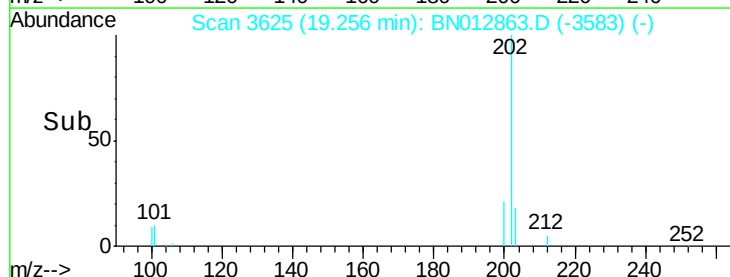
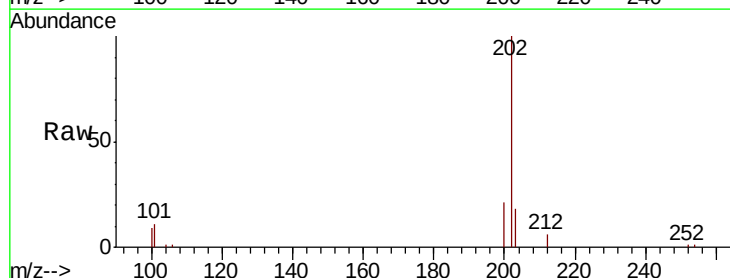
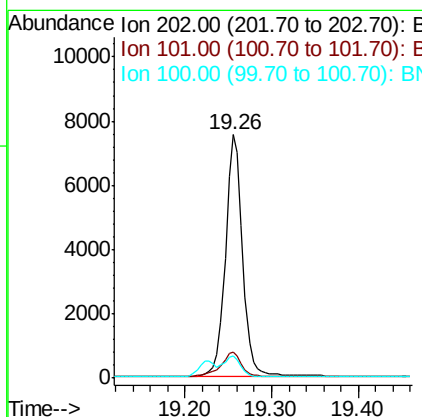
RT: 19.26 min Scan# 3625

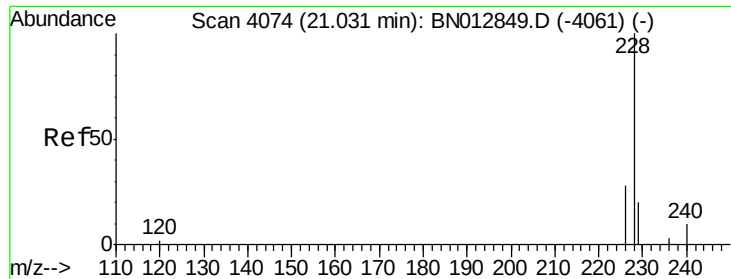
Delta R.T. -0.00 min

Lab File: BN012863.D

Acq: 04 Dec 2020 00:56

Tgt Ion:	202	Resp:	10323
Ion Ratio	Lower	Upper	
202	100		
101	10.8	9.1	13.7
100	9.3	7.5	11.3





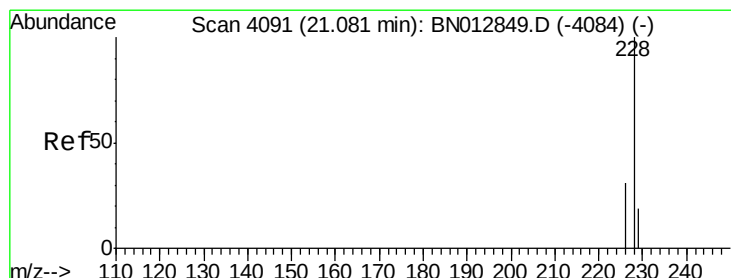
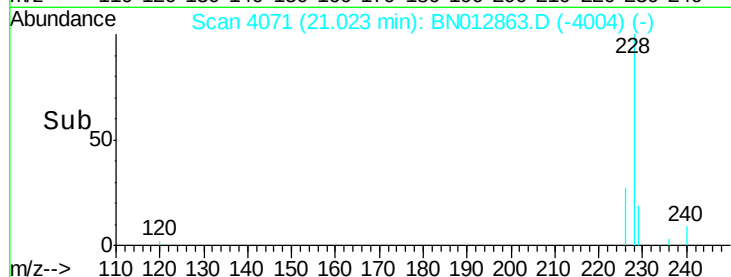
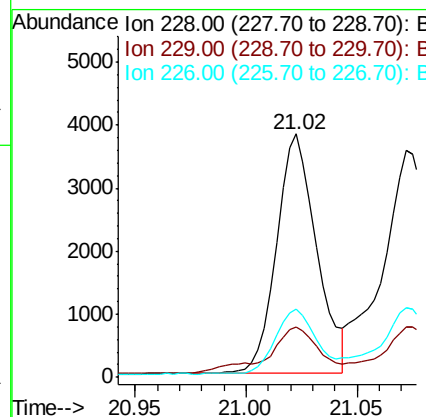
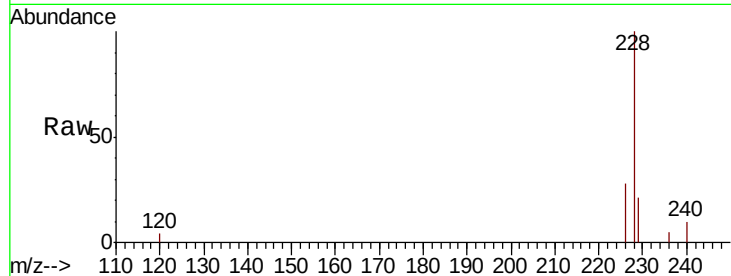
#18
Benzo(a)anthracene
Concen: 0.452 ng/ul
RT: 21.02 min Scan# 4071
Delta R.T. -0.00 min
Lab File: BN012863.D
Acq: 04 Dec 2020 00:56

Instrument :
BNA_N
ClientSampleId :
C0B92DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.8	16.3	24.5
226	27.8	23.4	35.2

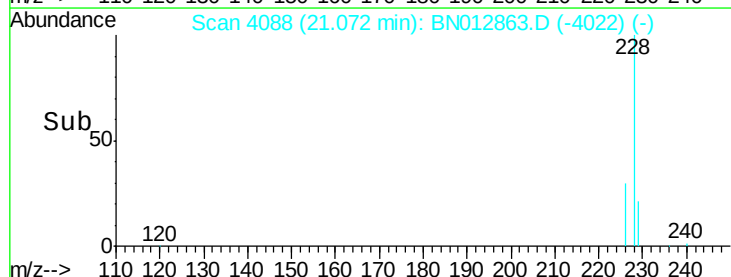
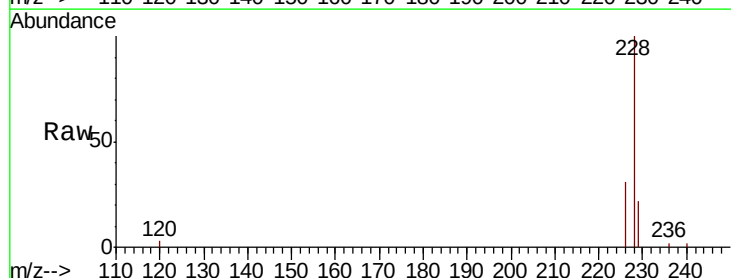
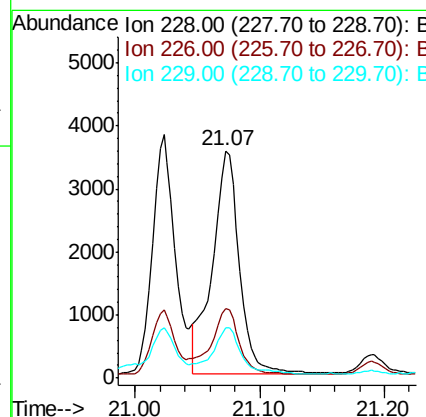
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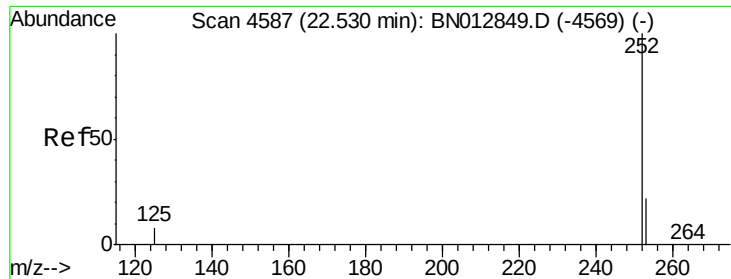
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#19
Chrysene
Concen: 0.464 ng/ul
RT: 21.07 min Scan# 4088
Delta R.T. -0.01 min
Lab File: BN012863.D
Acq: 04 Dec 2020 00:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.6
229	22.3	16.4	24.6





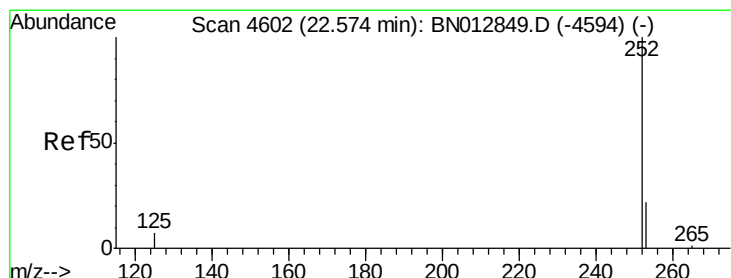
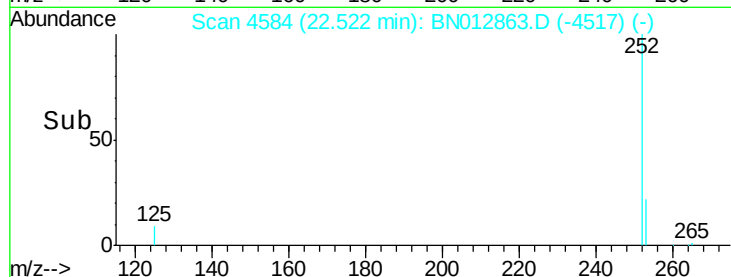
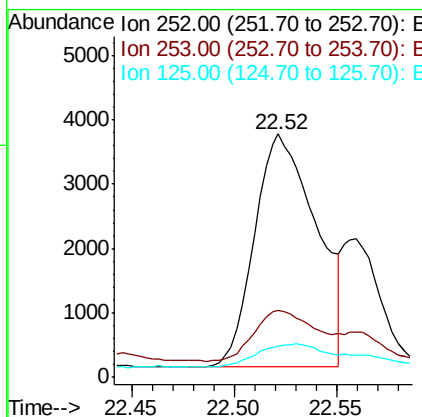
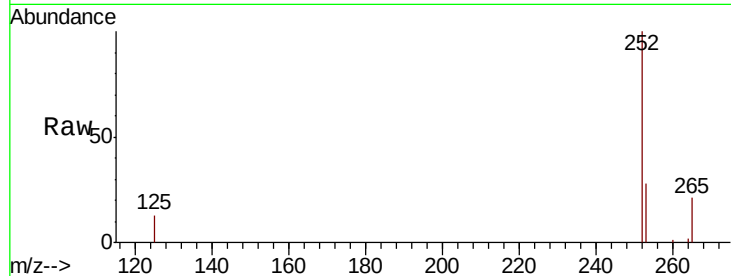
#21
Benzo(b)fluoranthene
Concen: 0.634 ng/ul m
RT: 22.52 min Scan# 4584
Delta R.T. -0.00 min
Lab File: BN012863.D
Acq: 04 Dec 2020 00:56

Instrument :
BNA_N
ClientSampleId :
C0B92DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.6	0.0	59.6
125	12.7	0.0	26.0

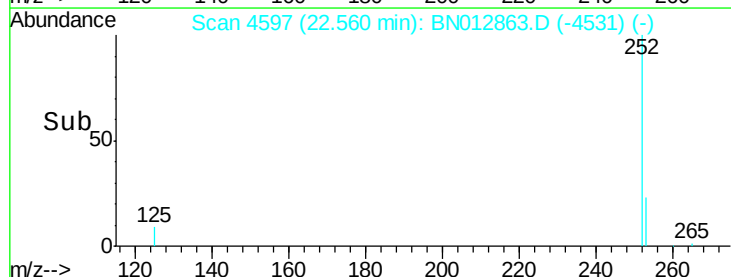
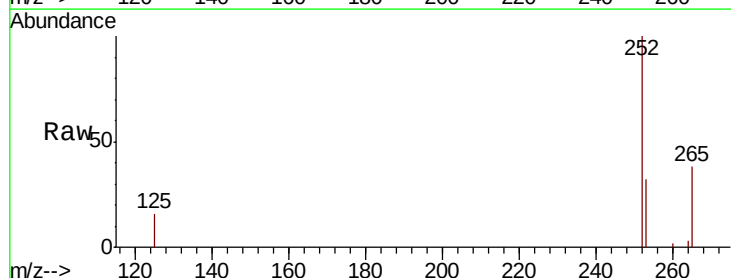
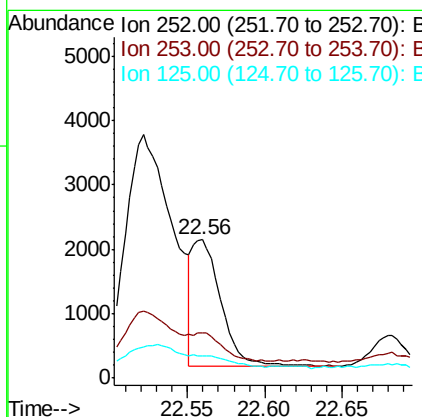
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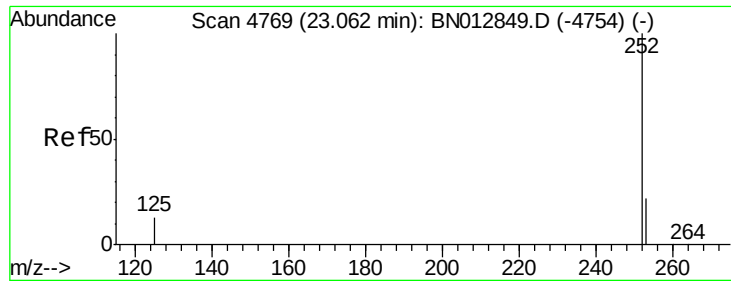
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#22
Benzo(k)fluoranthene
Concen: 0.188 ng/ul m
RT: 22.56 min Scan# 4597
Delta R.T. -0.01 min
Lab File: BN012863.D
Acq: 04 Dec 2020 00:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	32.5	23.4	35.2
125	16.3	11.1	16.7





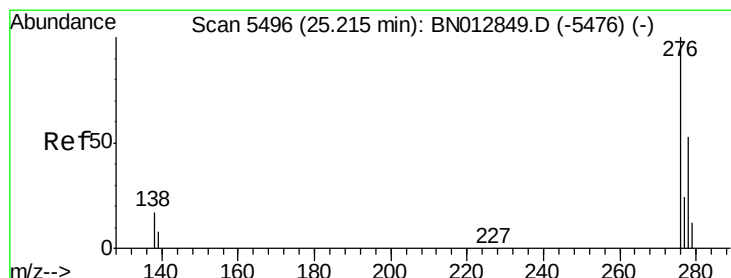
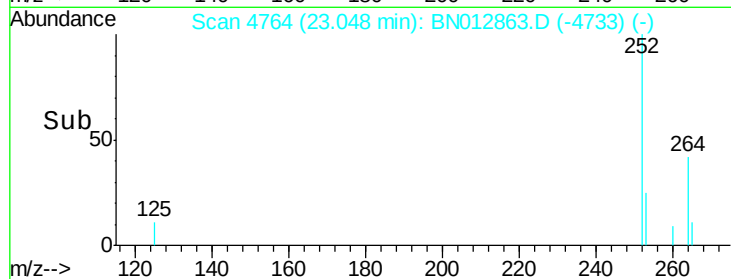
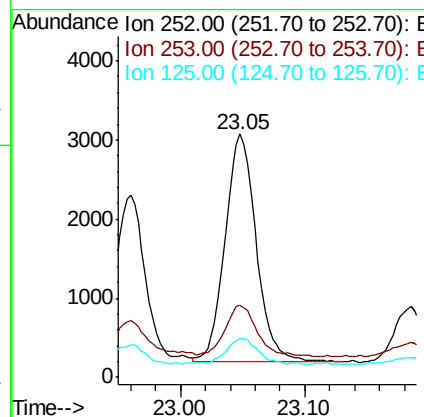
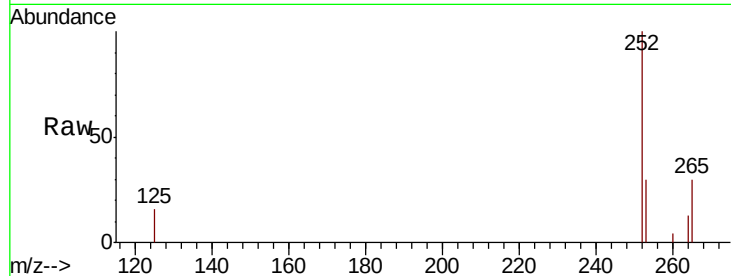
#23
Benzo(a)pyrene
Concen: 0.447 ng/ul
RT: 23.05 min Scan# 4764
Delta R.T. -0.01 min
Lab File: BN012863.D
Acq: 04 Dec 2020 00:56

Instrument :
BNA_N
ClientSampleId :
C0B92DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	29.8	26.5	39.7
125	15.9	14.2	21.2

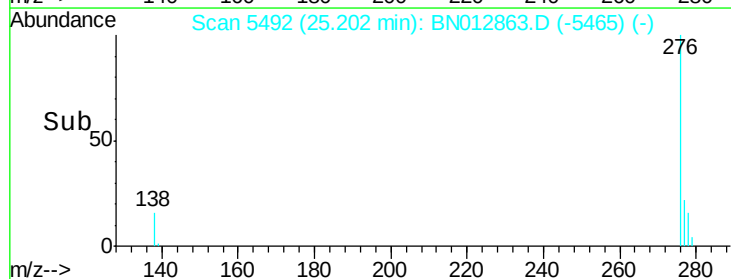
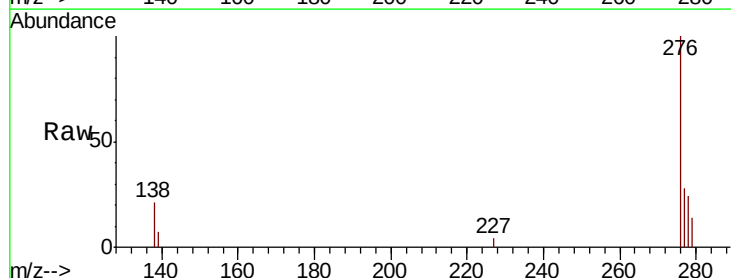
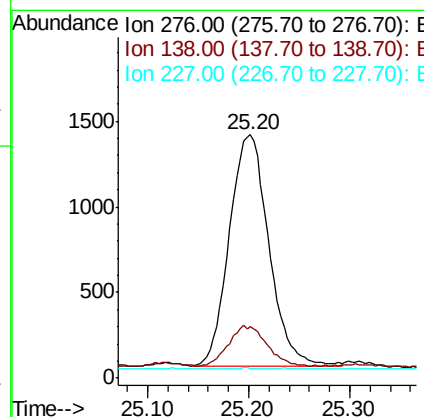
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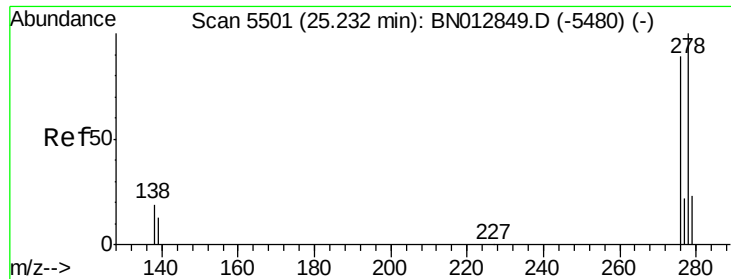
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#24
Indeno(1,2,3-cd)pyrene
Concen: 0.249 ng/ul
RT: 25.20 min Scan# 5492
Delta R.T. -0.01 min
Lab File: BN012863.D
Acq: 04 Dec 2020 00:56

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.9	16.2	24.2
227	0.2	0.0	0.0#





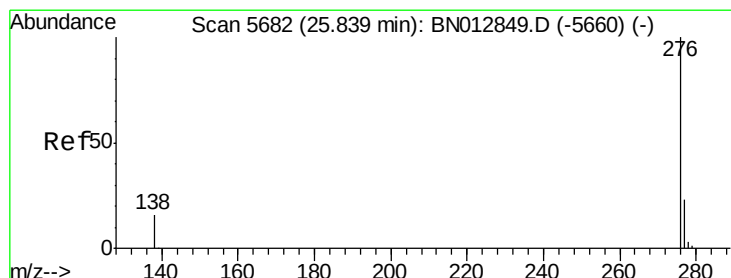
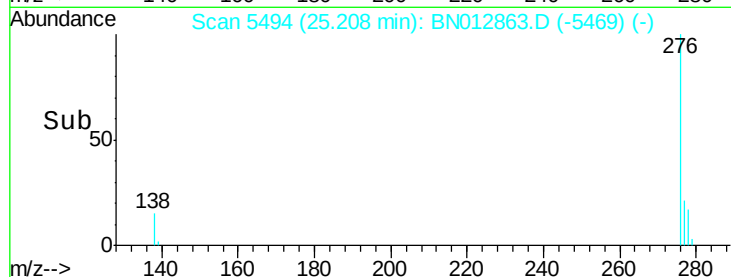
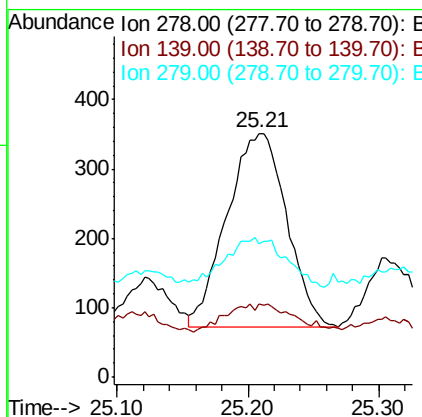
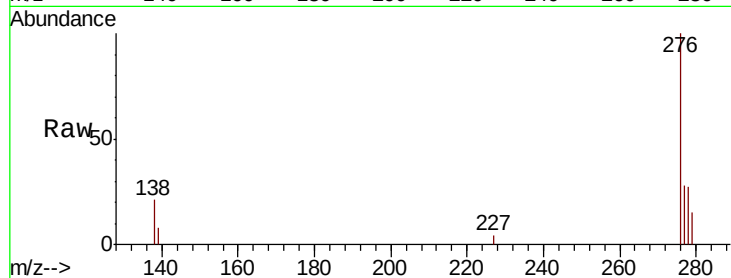
#25
Dibenzo(a,h)anthracene
Concen: 0.076 ng/ul
RT: 25.21 min Scan# 5494
Delta R.T. -0.02 min
Lab File: BN012863.D
Acq: 04 Dec 2020 00:56

Instrument :
BNA_N
ClientSampleId :
C0B92DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	29.9	14.5	21.7#
279	54.7	26.3	39.5#

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#26
Benzo(g,h,i)perylene
Concen: 0.253 ng/ul
RT: 25.83 min Scan# 5678
Delta R.T. -0.01 min
Lab File: BN012863.D
Acq: 04 Dec 2020 00:56

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.3	16.3	24.5
277	27.8	21.8	32.6

