

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120320\
 Data File : BN012871.D
 Acq On : 04 Dec 2020 11:17
 Operator : CG/JU
 Sample : L4865-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B09

Manual Integrations
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mohammad
 12/7/2020 8:52:13 AM

Quant Time: Dec 04 12:23:44 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	696	0.40	ng/ul	0.00
2) Naphthalene-d8	10.16	136	2882	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.06	164	1641	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.82	188	3416	0.40	ng/ul	0.00
16) Chrysene-d12	21.04	240	2871	0.40	ng/ul	0.00
20) Perylene-d12	23.14	264	2967	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.78	152	1037	0.24	ng/ul	0.00
14) Fluoranthene-d10	18.86	212	2350	0.25	ng/ul	0.00
Target Compounds				Ovalue		
8) Acenaphthene	14.13	153	139	0.022	ng/ul#	90
9) Fluorene	15.12	166	171	0.023	ng/ul#	92
12) Phenanthrene	16.86	178	8335	0.728	ng/ul	97
13) Anthracene	16.95	178	757	0.078	ng/ul#	85
15) Fluoranthene	18.89	202	27750	2.039	ng/ul	99
17) Pyrene	19.26	202	24300	1.792	ng/ul	99
18) Benzo(a)anthracene	21.02	228	10063	0.847	ng/ul	99
19) Chrysene	21.07	228	14820	1.129	ng/ul	98
21) Benzo(b)fluoranthene	22.52	252	21397m	1.559	ng/ul	
22) Benzo(k)fluoranthene	22.56	252	8846m	0.583	ng/ul	
23) Benzo(a)pyrene	23.05	252	12648	0.993	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	25.19	276	10011	0.598	ng/ul#	96
25) Dibenzo(a,h)anthracene	25.21	278	2199	0.166	ng/ul#	89
26) Benzo(g,h,i)perylene	25.83	276	9299	0.614	ng/ul	98

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

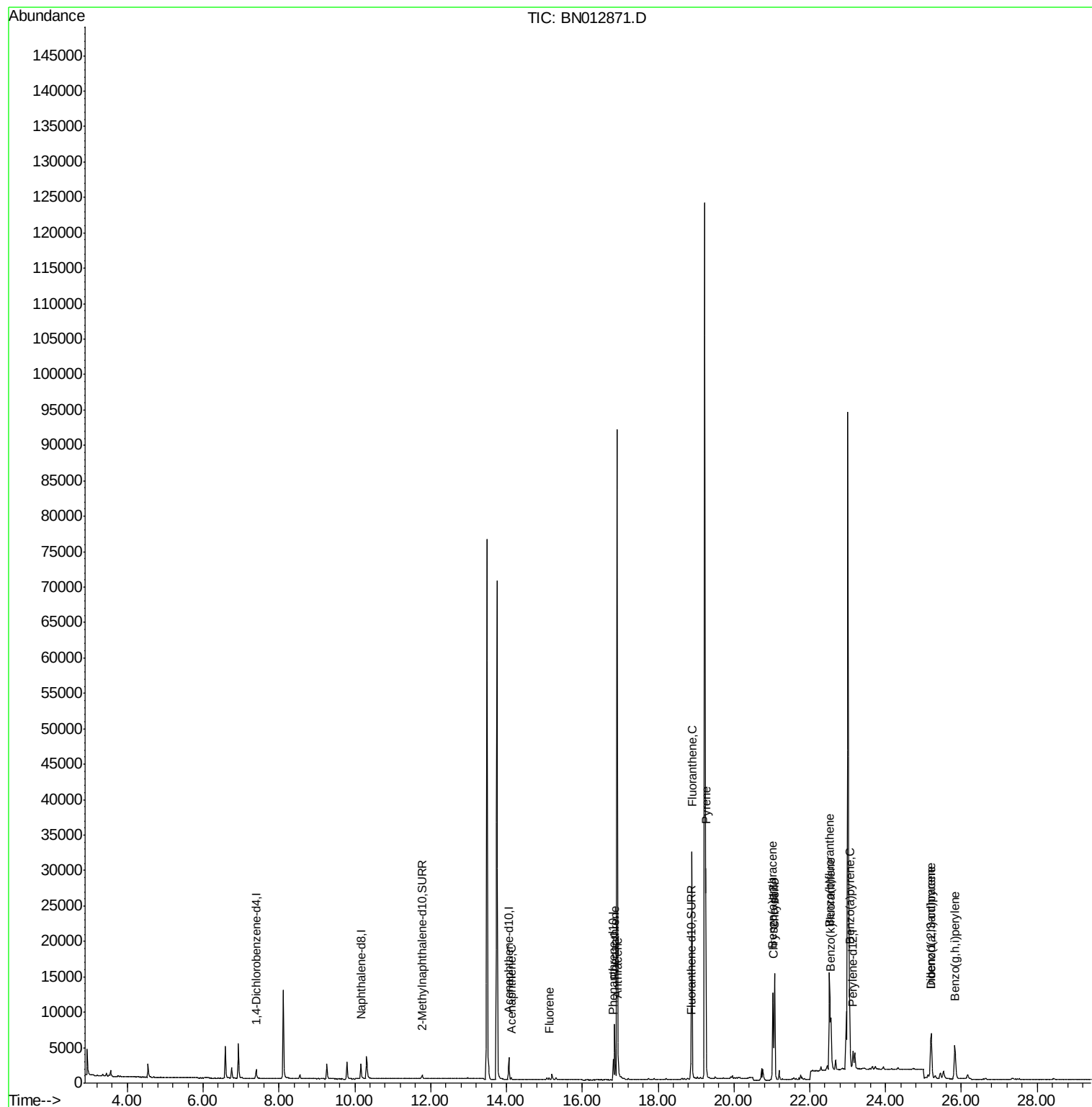
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120320\
Data File : BN012871.D
Acq On : 04 Dec 2020 11:17
Operator : CG/JU
Sample : L4865-01
Misc :
ALS Vial : 31 Sample Multiplier: 1

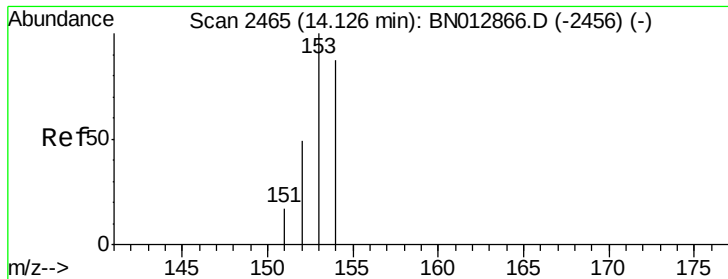
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
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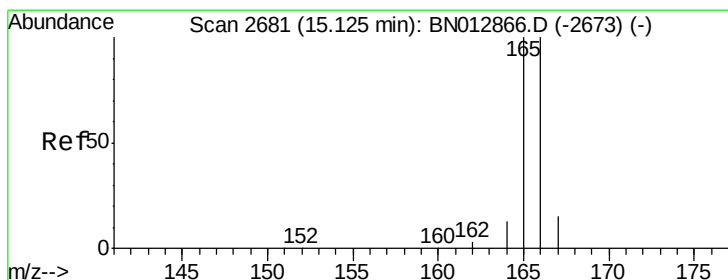
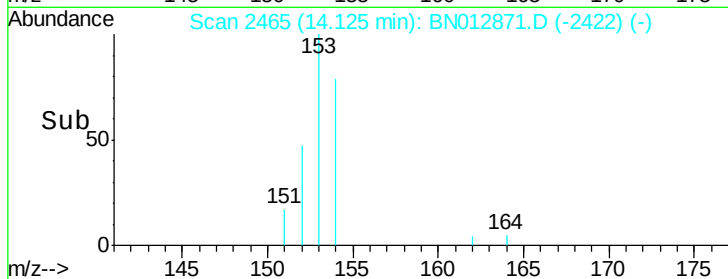
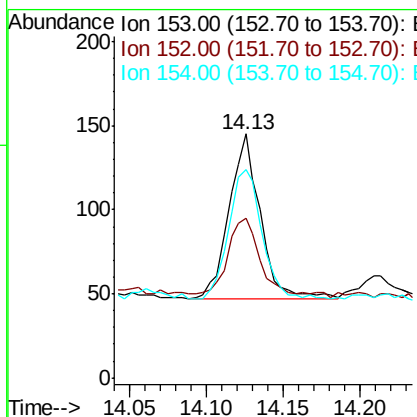
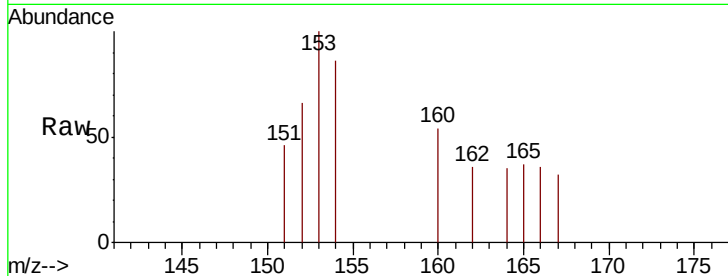
#8
Acenaphthene
Concen: 0.022 ng/ul
RT: 14.13 min Scan# 2465
Delta R.T. -0.00 min
Lab File: BN012871.D
Acq: 04 Dec 2020 11:17

Instrument :
BNA_N
ClientSampleId :
C0B09

Tot Ion	Ratio	Lower	Upper
153	100		
152	65.5	40.7	61.1#
154	85.5	70.8	106.2

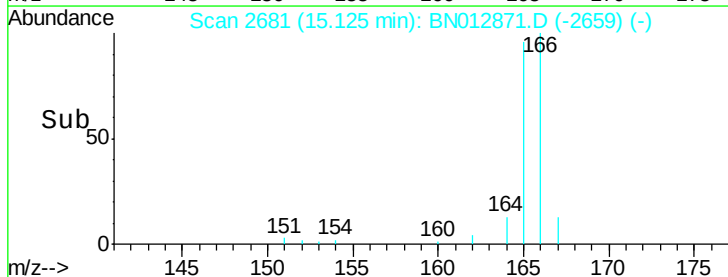
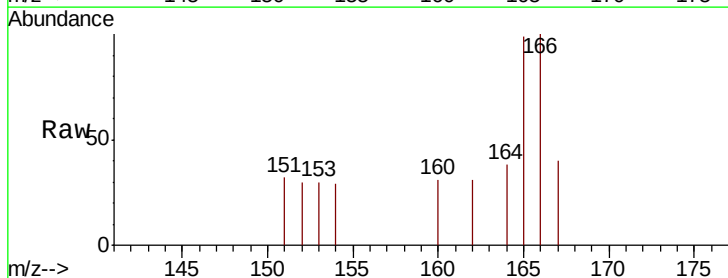
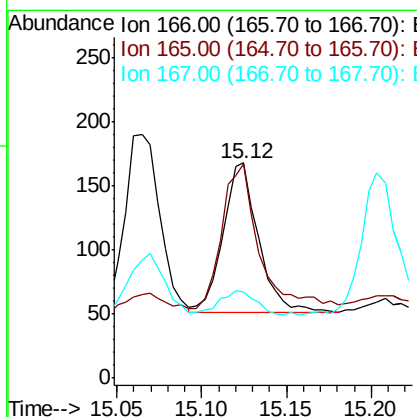
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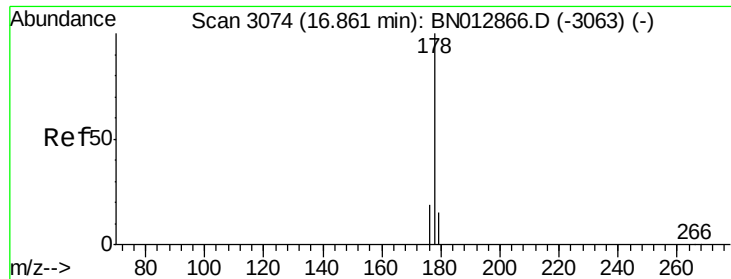
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#9
Fluorene
Concen: 0.023 ng/ul
RT: 15.12 min Scan# 2681
Delta R.T. -0.00 min
Lab File: BN012871.D
Acq: 04 Dec 2020 11:17

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.4	79.8	119.8
167	39.9	13.8	20.8#





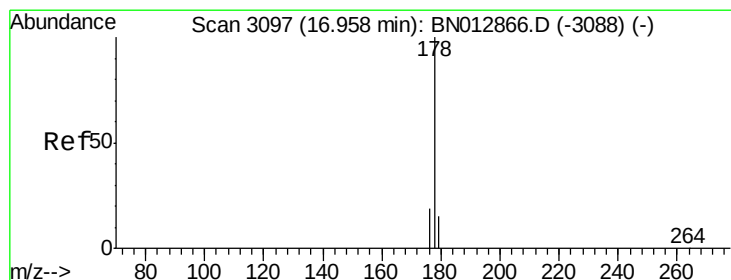
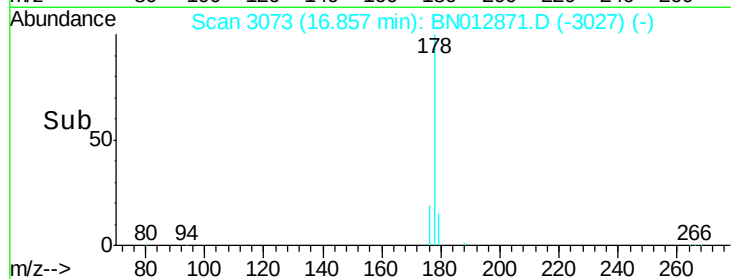
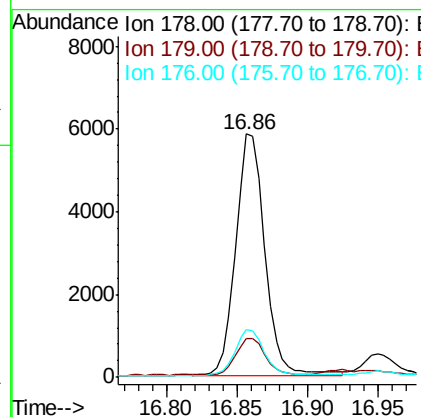
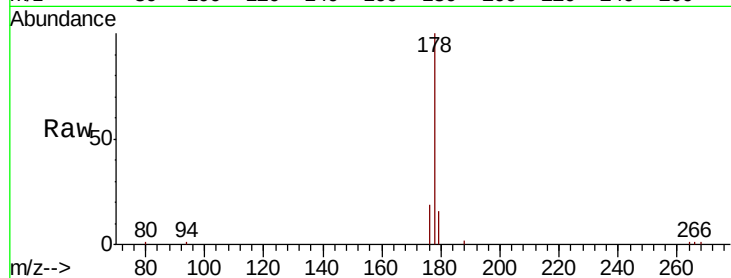
#12
Phenanthrene
Concen: 0.728 ng/ul
RT: 16.86 min Scan# 3073
Delta R.T. -0.00 min
Lab File: BN012871.D
Acq: 04 Dec 2020 11:17

Instrument :
BNA_N
ClientSampleId :
C0B09

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.8	13.6	20.4
176	19.4	16.4	24.6

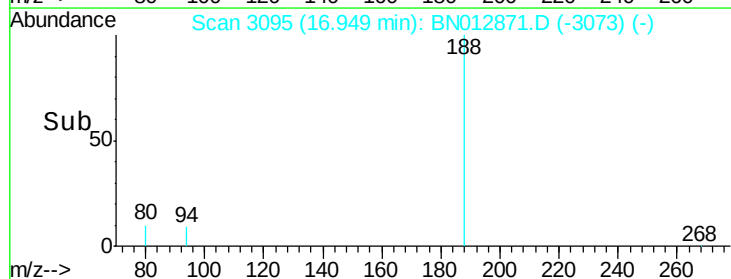
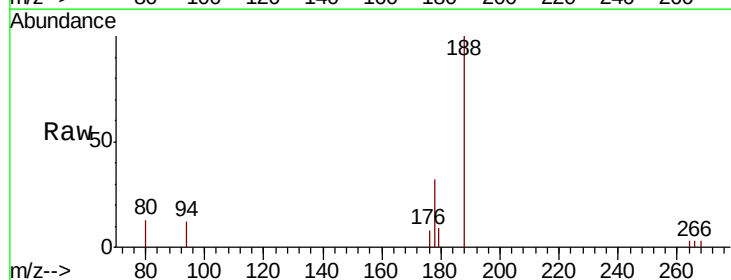
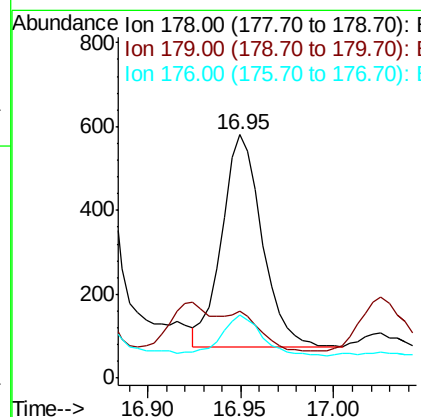
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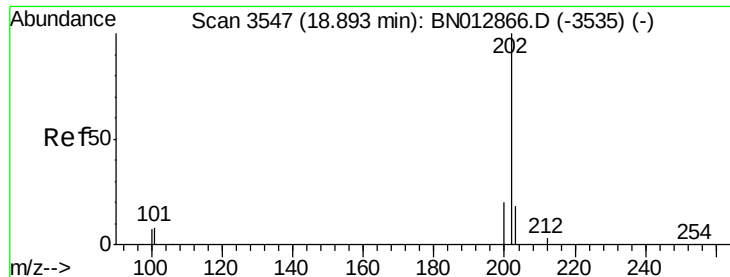
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#13
Anthracene
Concen: 0.078 ng/ul
RT: 16.95 min Scan# 3095
Delta R.T. -0.01 min
Lab File: BN012871.D
Acq: 04 Dec 2020 11:17

Tgt Ion	Ratio	Lower	Upper
178	100		
179	27.5	14.6	21.8#
176	26.2	17.1	25.7#





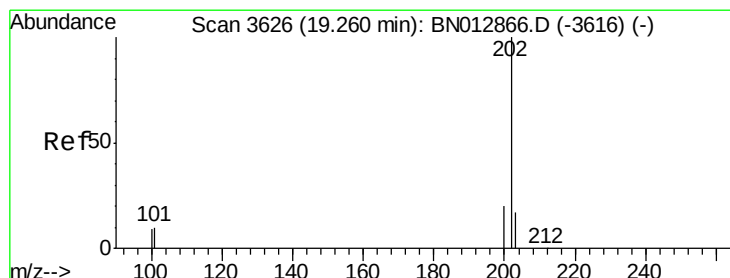
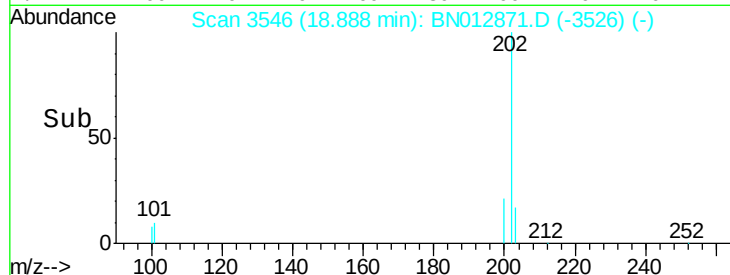
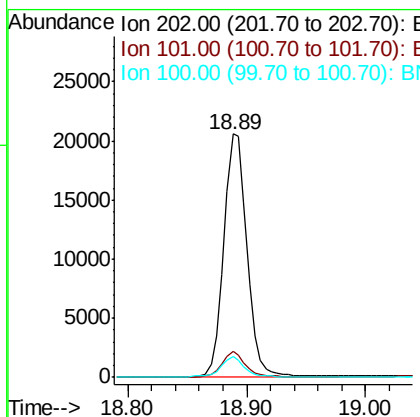
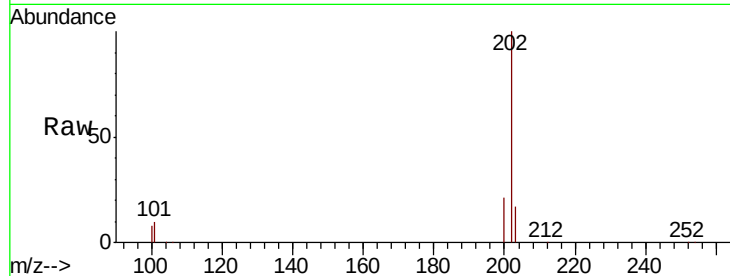
#15
Fluoranthene
 Concen: 2.039 ng/ul
 RT: 18.89 min Scan# 3546
 Delta R.T. -0.00 min
 Lab File: BN012871.D
 Acq: 04 Dec 2020 11:17

Instrument :
 BNA_N
 ClientSampleId :
 C0B09

Tot Ion:	202	Resp:	27750
Ion Ratio	Lower	Upper	
202	100		
101	10.5	0.0	30.6
100	8.4	0.0	28.7

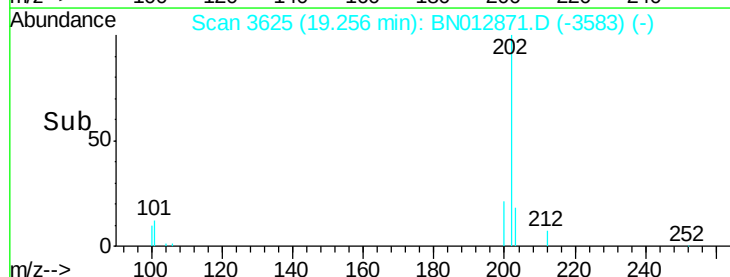
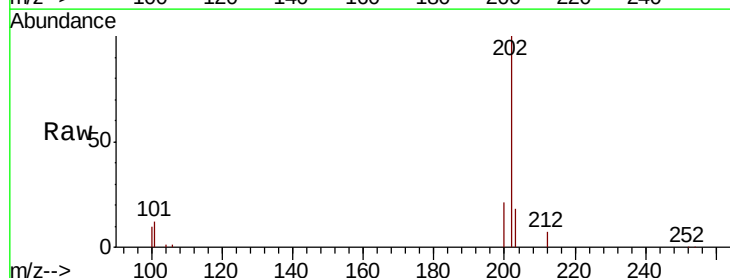
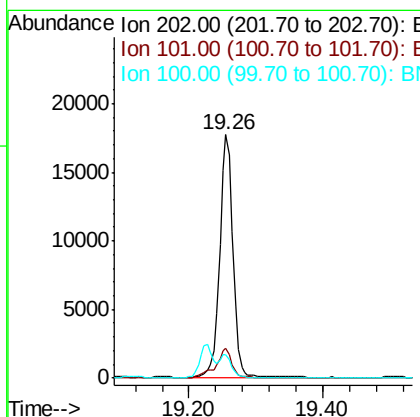
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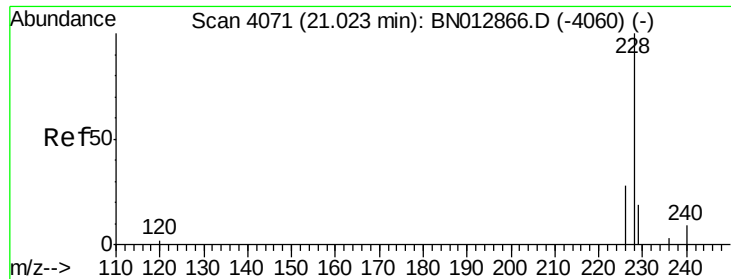
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#17
Pyrene
 Concen: 1.792 ng/ul
 RT: 19.26 min Scan# 3625
 Delta R.T. -0.00 min
 Lab File: BN012871.D
 Acq: 04 Dec 2020 11:17

Tgt Ion:	202	Resp:	24300
Ion Ratio	Lower	Upper	
202	100		
101	12.1	9.1	13.7
100	9.8	7.5	11.3





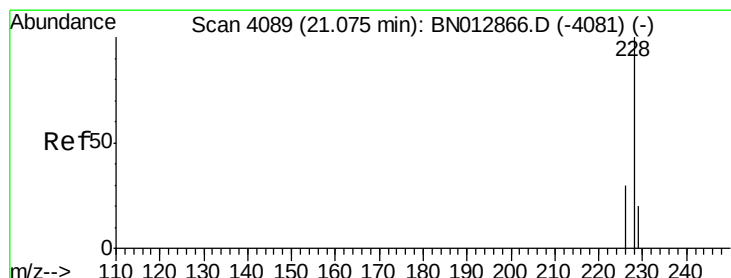
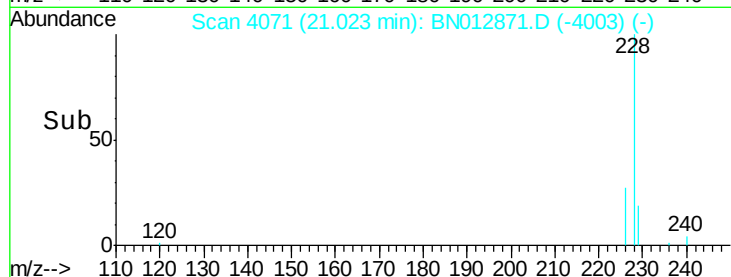
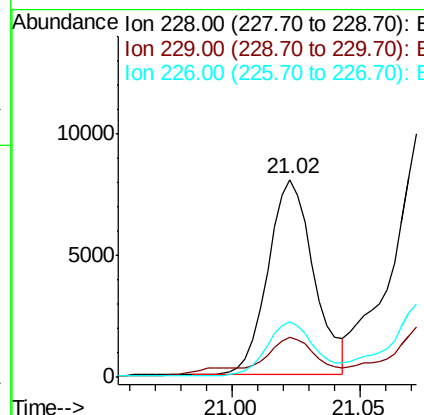
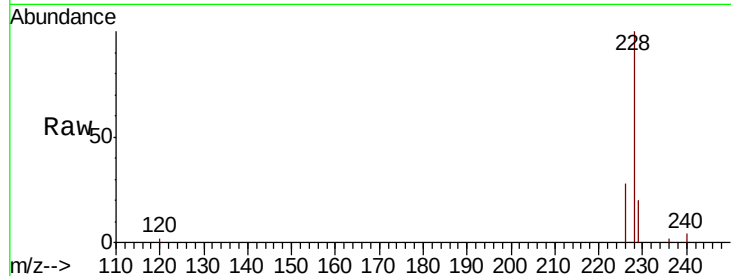
#18
Benzo(a)anthracene
Concen: 0.847 ng/ul
RT: 21.02 min Scan# 4071
Delta R.T. -0.00 min
Lab File: BN012871.D
Acq: 04 Dec 2020 11:17

Instrument :
BNA_N
ClientSampleId :
C0B09

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.4	16.3	24.5
226	28.0	23.4	35.2

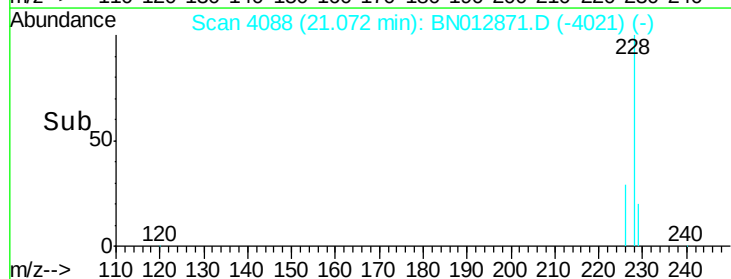
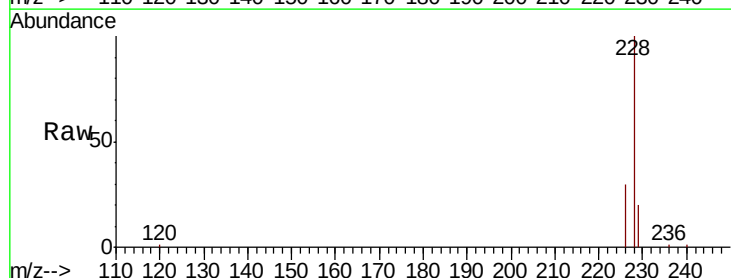
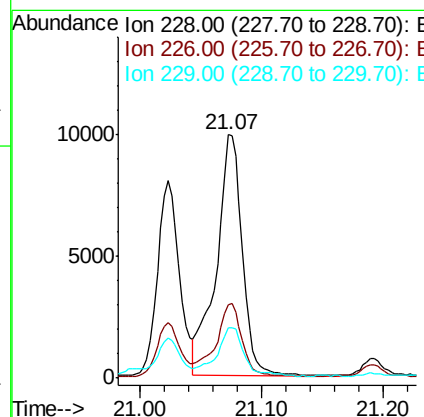
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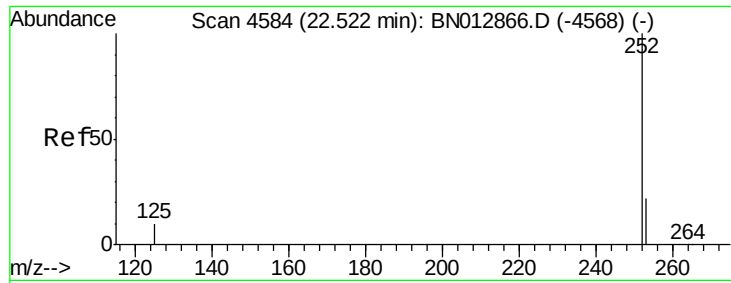
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#19
Chrysene
Concen: 1.129 ng/ul
RT: 21.07 min Scan# 4088
Delta R.T. -0.00 min
Lab File: BN012871.D
Acq: 04 Dec 2020 11:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	25.0	37.6
229	20.5	16.4	24.6





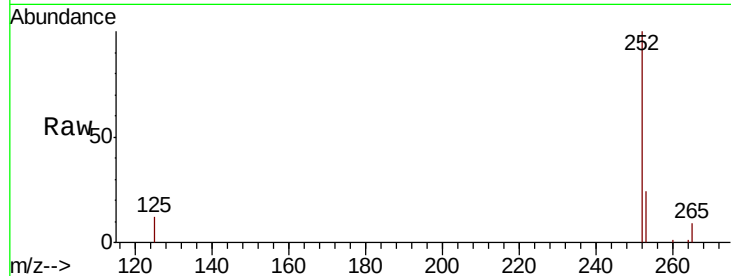
#21
Benzo(b)fluoranthene
Concen: 1.559 ng/ul m
RT: 22.52 min Scan# 4584
Delta R.T. -0.00 min
Lab File: BN012871.D
Acq: 04 Dec 2020 11:17

Instrument :
BNA_N
ClientSampleId :
C0B09

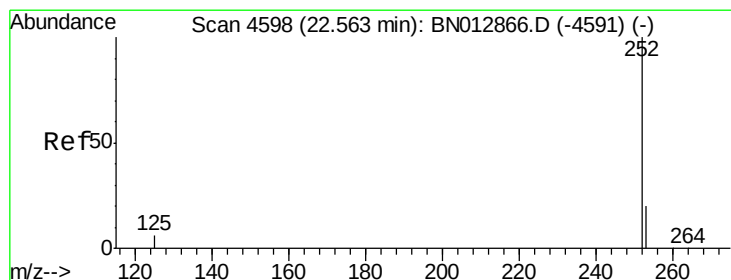
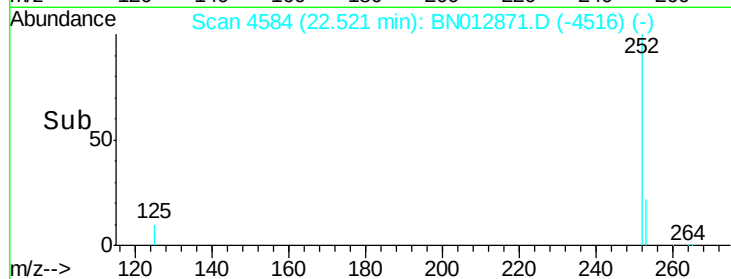
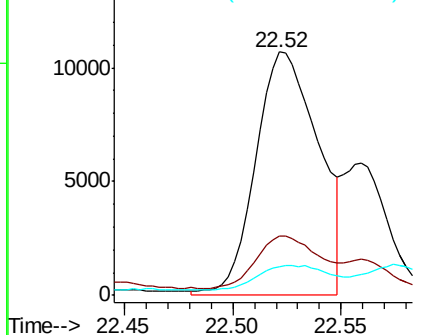
Tot Ion	Ratio	Lower	Upper
252	100		
253	24.4	0.0	59.6
125	11.6	0.0	26.0

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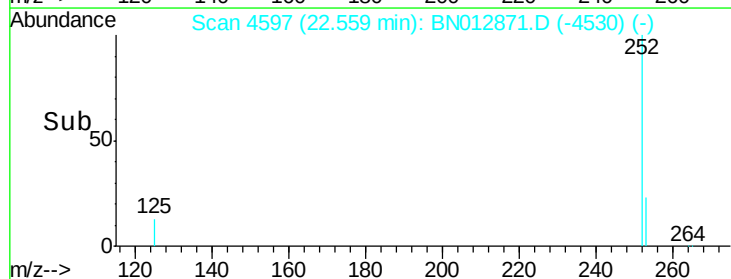
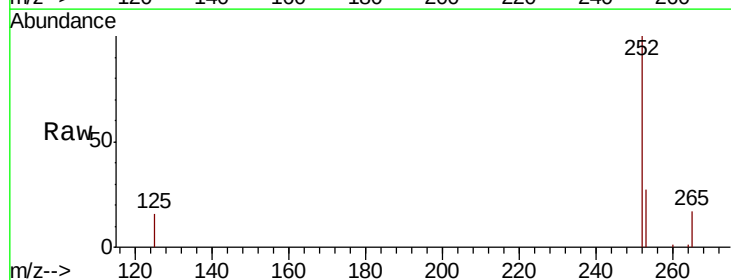
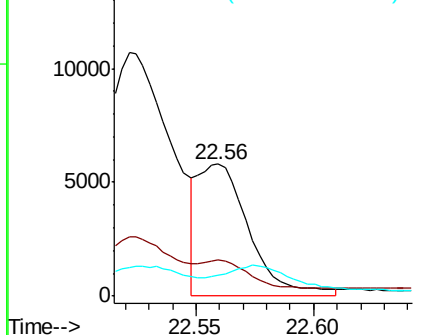
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Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

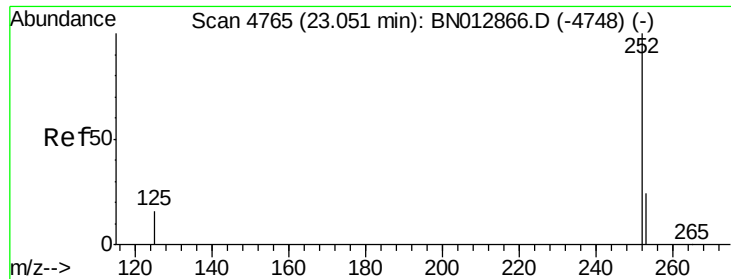


#22
Benzo(k)fluoranthene
Concen: 0.583 ng/ul m
RT: 22.56 min Scan# 4597
Delta R.T. -0.00 min
Lab File: BN012871.D
Acq: 04 Dec 2020 11:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.2	23.4	35.2
125	16.1	11.1	16.7

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





#23

Benzo(a)pyrene

Concen: 0.993 ng/ul

RT: 23.05 min Scan# 4764

Delta R.T. -0.00 min

Lab File: BN012871.D

Acq: 04 Dec 2020 11:17

Instrument :

BNA_N

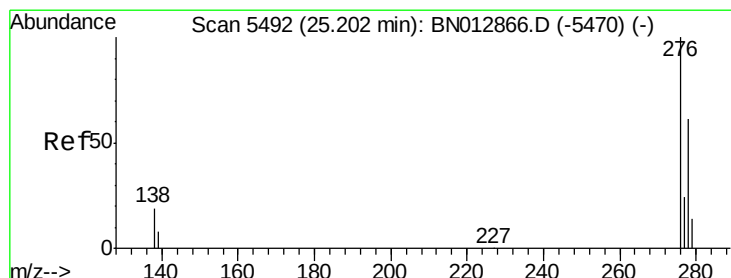
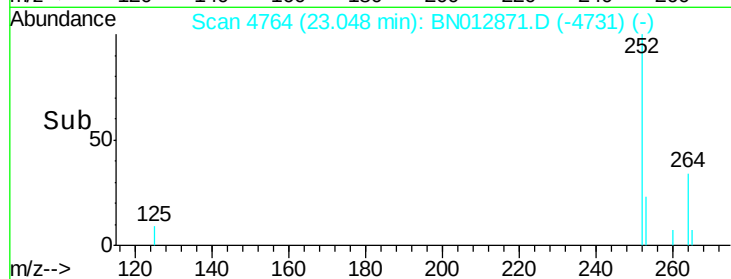
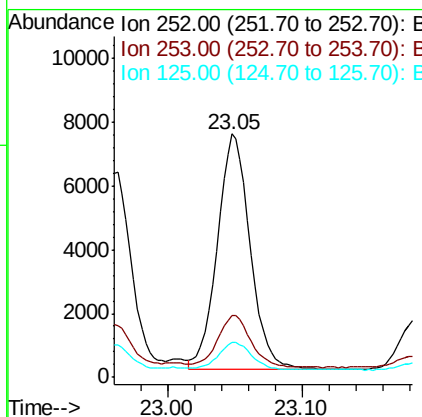
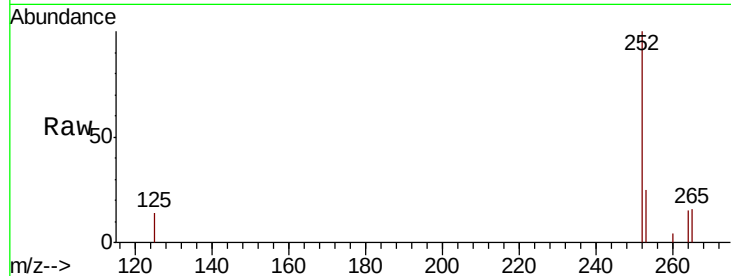
ClientSampled :

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Tot Ion	Ratio	Lower	Upper
252	100		
253	25.2	26.5	39.7#
125	14.3	14.2	21.2

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.598 ng/ul

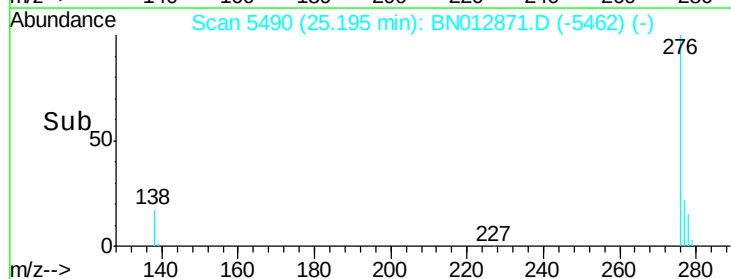
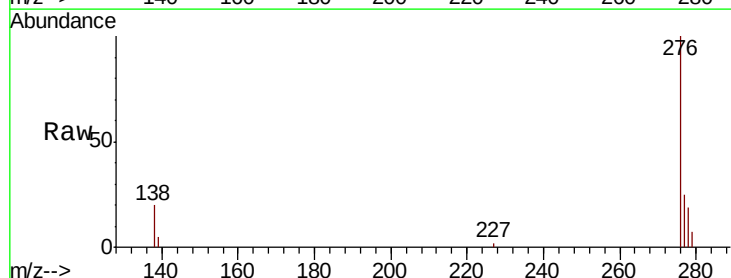
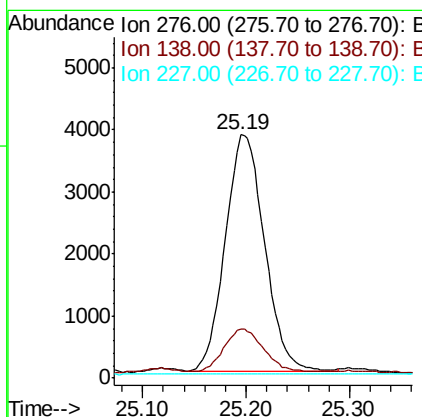
RT: 25.19 min Scan# 5490

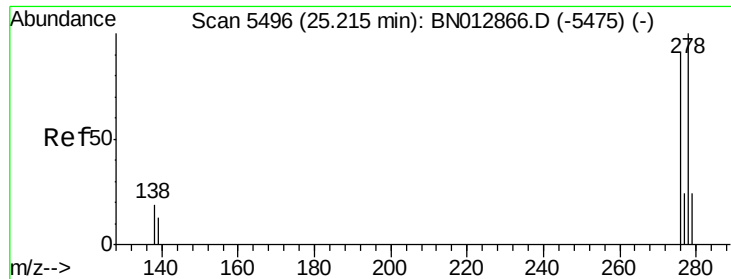
Delta R.T. -0.01 min

Lab File: BN012871.D

Acq: 04 Dec 2020 11:17

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.5	16.2	24.2
227	0.2	0.0	0.0#





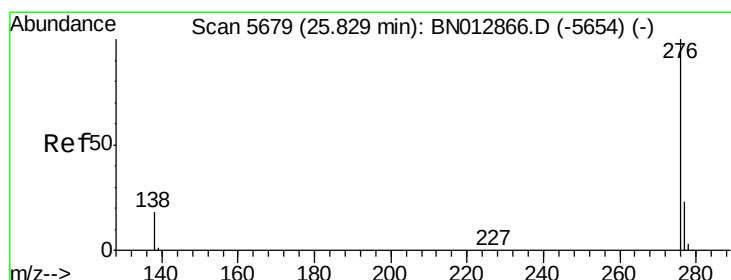
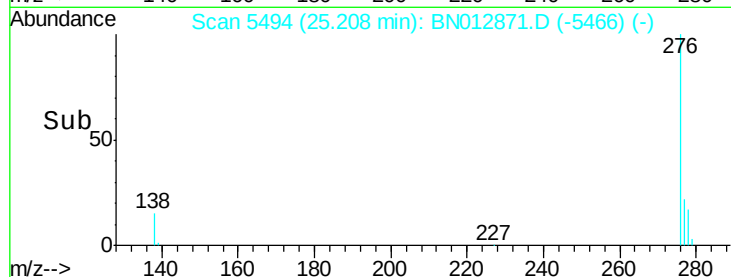
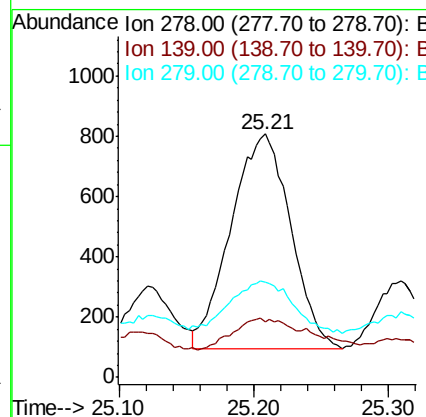
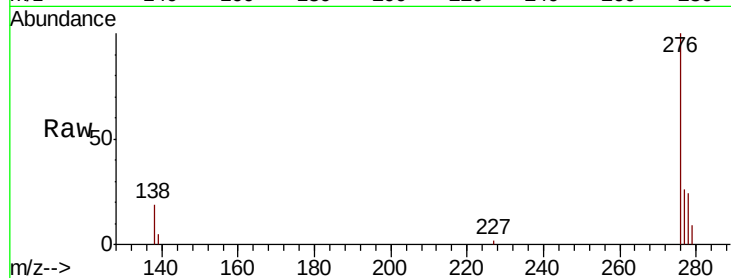
#25
Dibenzo(a,h)anthracene
Concen: 0.166 ng/ul
RT: 25.21 min Scan# 5494
Delta R.T. -0.01 min
Lab File: BN012871.D
Acq: 04 Dec 2020 11:17

Instrument :
BNA_N
ClientSampleId :
C0B09

Tot Ion	Ratio	Lower	Upper
278	100		
139	22.8	14.5	21.7#
279	39.2	26.3	39.5

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#26
Benzo(g,h,i)perylene
Concen: 0.614 ng/ul
RT: 25.83 min Scan# 5678
Delta R.T. -0.00 min
Lab File: BN012871.D
Acq: 04 Dec 2020 11:17

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.8	16.3	24.5
277	25.9	21.8	32.6

