

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120320\
 Data File : BN012870.D
 Acq On : 04 Dec 2020 10:41
 Operator : CG/JU
 Sample : L4865-19
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AZ9

Manual Integrations
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mohammad
 12/7/2020 8:52:10 AM

Quant Time: Dec 04 11:42:37 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	946	0.40	ng/ul	0.00
2) Naphthalene-d8	10.16	136	3592	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.06	164	2126	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.82	188	4703	0.40	ng/ul	0.00
16) Chrysene-d12	21.04	240	4493	0.40	ng/ul	0.00
20) Perylene-d12	23.14	264	4626	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.77	152	731	0.14	ng/ul	0.00
14) Fluoranthene-d10	18.86	212	1954	0.15	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.21	128	420	0.040	ng/ul#	78
5) 2-Methylnaphthalene	11.85	142	177	0.026	ng/ul	99
7) Acenaphthylene	13.78	152	895	0.089	ng/ul#	87
8) Acenaphthene	14.13	153	683	0.083	ng/ul	96
9) Fluorene	15.12	166	1028	0.109	ng/ul#	94
12) Phenanthrene	16.86	178	66270	4.203	ng/ul	96
13) Anthracene	16.95	178	10133	0.755	ng/ul	95
15) Fluoranthene	18.89	202	282202	15.060	ng/ul	97
17) Pyrene	19.26	202	236011	11.121	ng/ul	99
18) Benzo(a)anthracene	21.02	228	141861	7.631	ng/ul	98
19) Chrysene	21.07	228	177962	8.665	ng/ul	99
21) Benzo(b)fluoranthene	22.52	252	279390m	13.055	ng/ul	
22) Benzo(k)fluoranthene	22.56	252	99599m	4.210	ng/ul	
23) Benzo(a)pyrene	23.05	252	170424	8.582	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	25.20	276	135893	5.210	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.20	278	34606m	1.677	ng/ul	
26) Benzo(a,h,i)perylene	25.83	276	119997	5.086	ng/ul	95

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

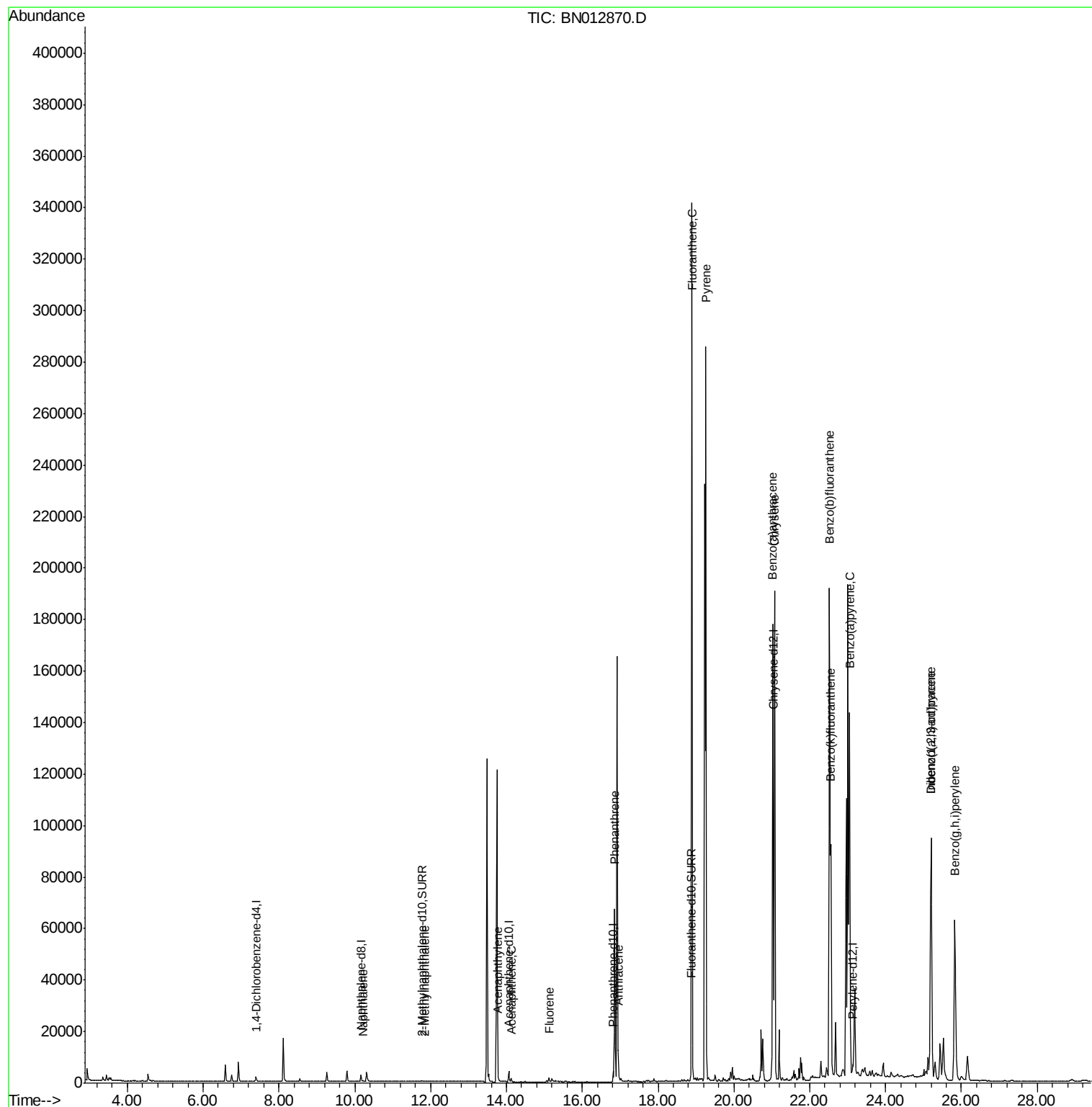
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120320\
Data File : BN012870.D
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ALS Vial : 30 Sample Multiplier: 1

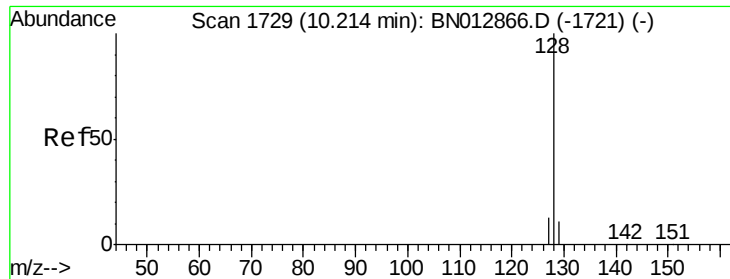
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
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QLast Update : Fri Dec 04 10:02:32 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.040 ng/ul

RT: 10.21 min Scan# 1729

Delta R.T. -0.00 min

Lab File: BN012870.D

Acq: 04 Dec 2020 10:41

Instrument :

BNA_N

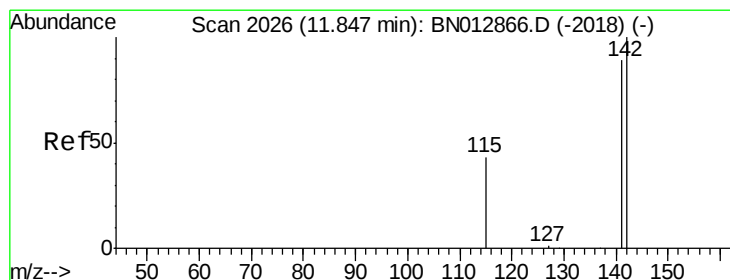
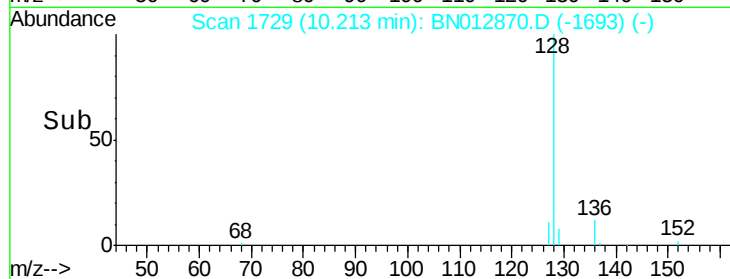
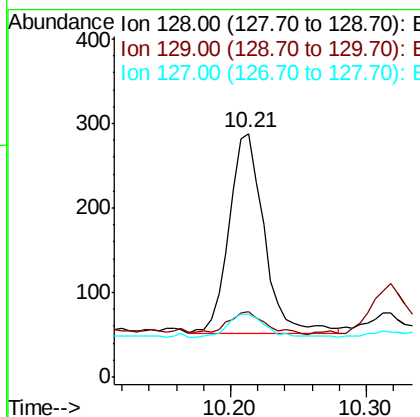
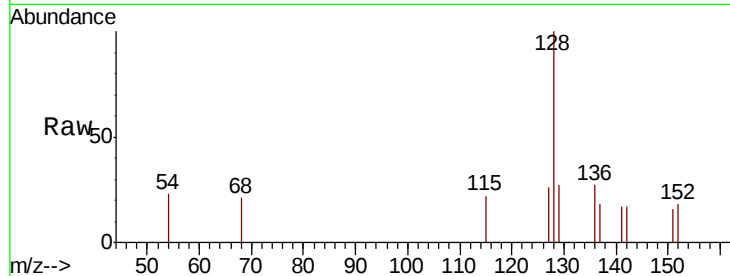
ClientSampleId :

C0AZ9

Tot Ion:	128	Resp:	420
Ion Ratio	Lower	Upper	
128	100		
129	26.7	12.3	18.5#
127	25.7	14.2	21.4#

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#5

2-Methylnaphthalene

Concen: 0.026 ng/ul

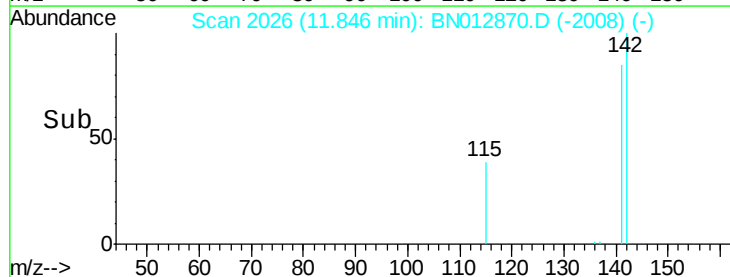
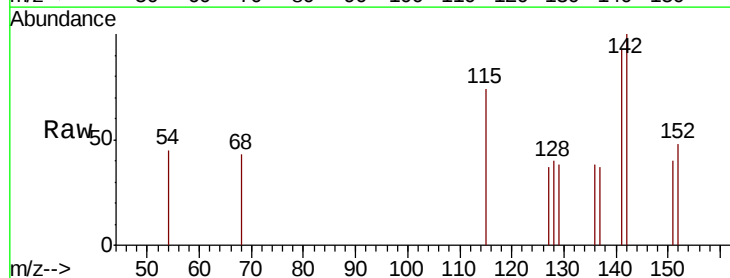
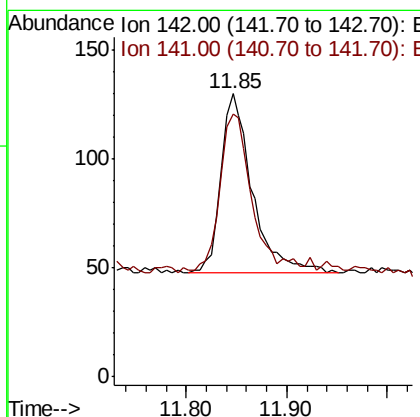
RT: 11.85 min Scan# 2026

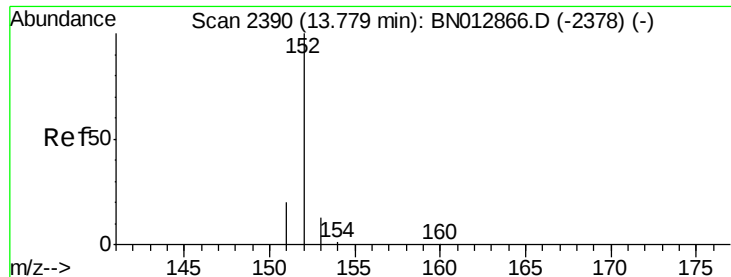
Delta R.T. -0.00 min

Lab File: BN012870.D

Acq: 04 Dec 2020 10:41

Tgt Ion:	142	Resp:	177
Ion Ratio	Lower	Upper	
142	100		
141	92.1	73.0	109.6





#7

Acenaphthylene

Concen: 0.089 ng/ul

RT: 13.78 min Scan# 2390

Delta R.T. -0.00 min

Lab File: BN012870.D

Acq: 04 Dec 2020 10:41

Instrument :

BNA_N

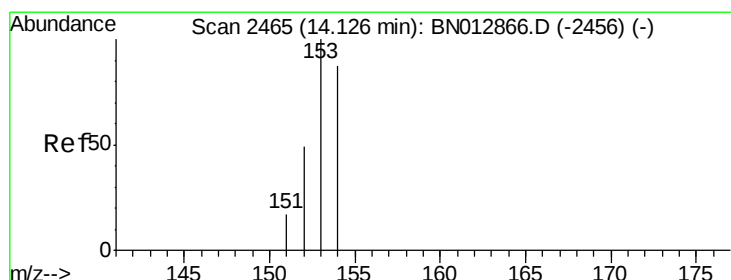
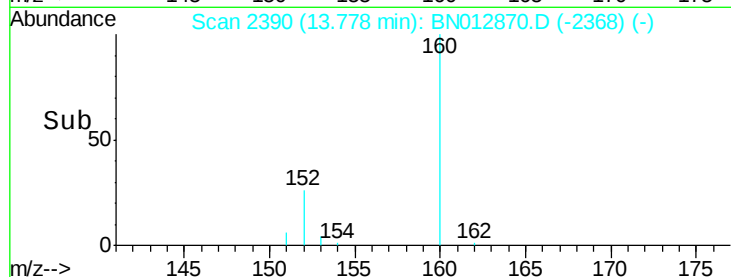
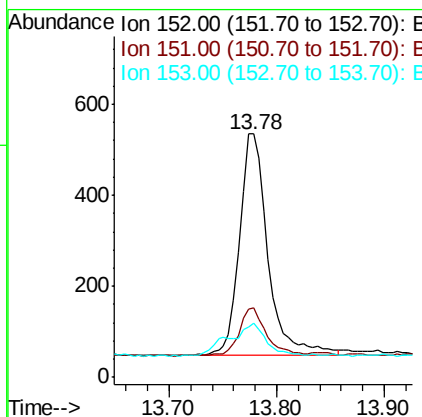
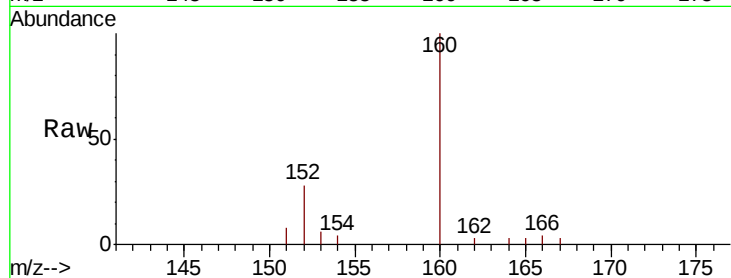
ClientSampleId :

C0AZ9

Tot Ion:	152	Resp:	895
Ion Ratio	Lower	Upper	
152	100		
151	28.6	18.2	27.4#
153	22.2	13.1	19.7#

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#8

Acenaphthene

Concen: 0.083 ng/ul

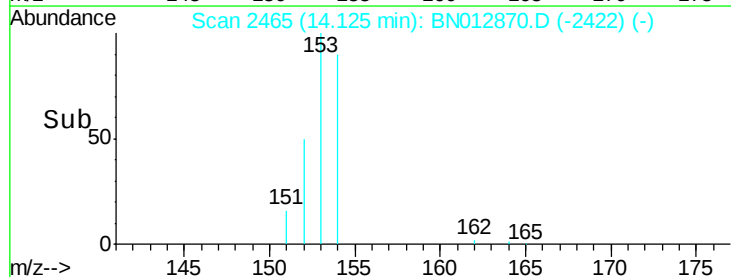
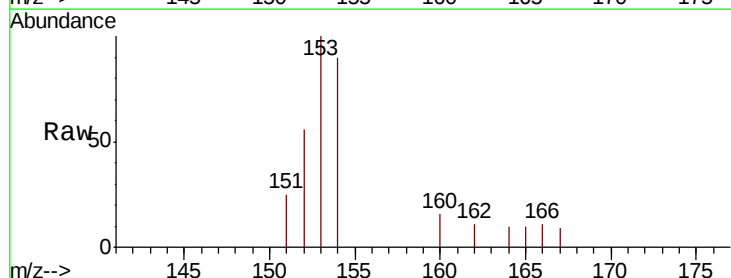
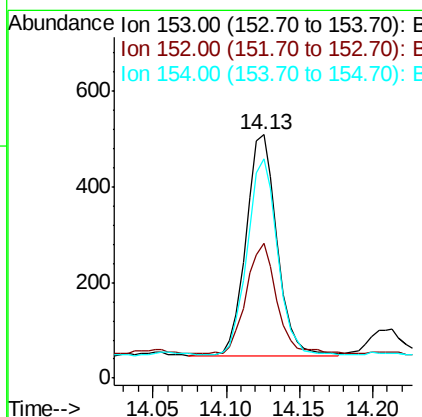
RT: 14.13 min Scan# 2465

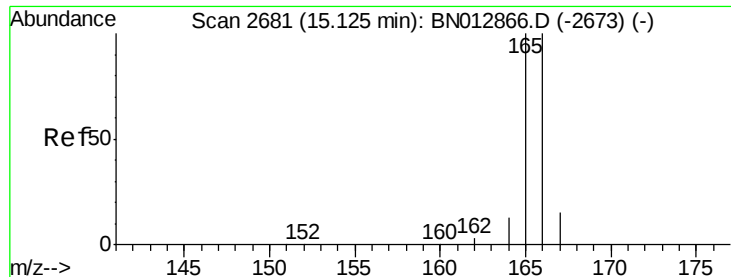
Delta R.T. -0.00 min

Lab File: BN012870.D

Acq: 04 Dec 2020 10:41

Tgt Ion:	153	Resp:	683
Ion Ratio	Lower	Upper	
153	100		
152	55.6	40.7	61.1
154	90.4	70.8	106.2





#9

Fluorene

Concen: 0.109 ng/ul

RT: 15.12 min Scan# 2680

Delta R.T. -0.00 min

Lab File: BN012870.D

Acq: 04 Dec 2020 10:41

Instrument :

BNA_N

ClientSampleId :

C0AZ9

Tot Ion:166 Resp: 1028

Ion Ratio Lower Upper

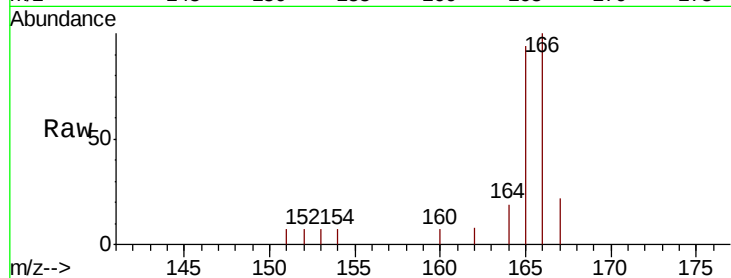
166 100

165 94.0 79.8 119.8

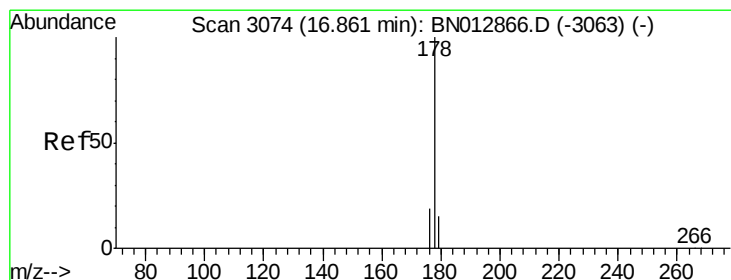
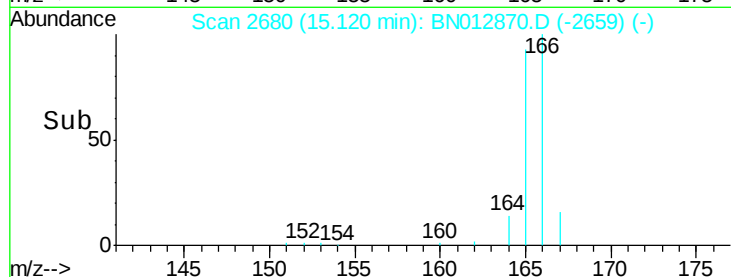
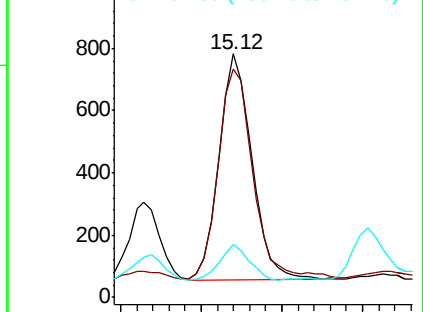
167 21.7 13.8 20.8#

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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#12

Phenanthrene

Concen: 4.203 ng/ul

RT: 16.86 min Scan# 3073

Delta R.T. -0.00 min

Lab File: BN012870.D

Acq: 04 Dec 2020 10:41

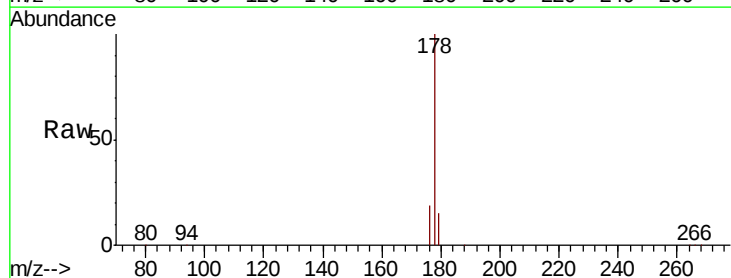
Tgt Ion:178 Resp: 66270

Ion Ratio Lower Upper

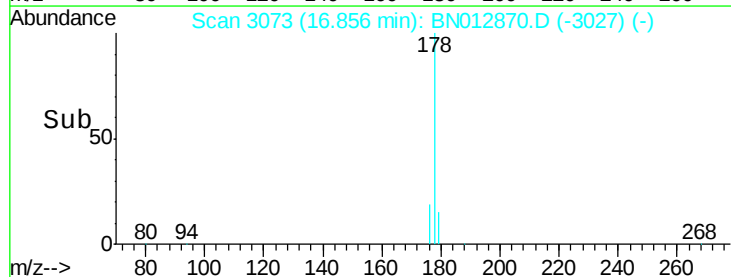
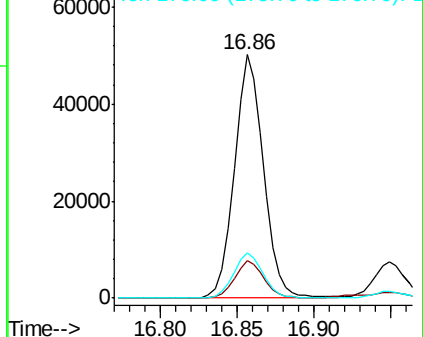
178 100

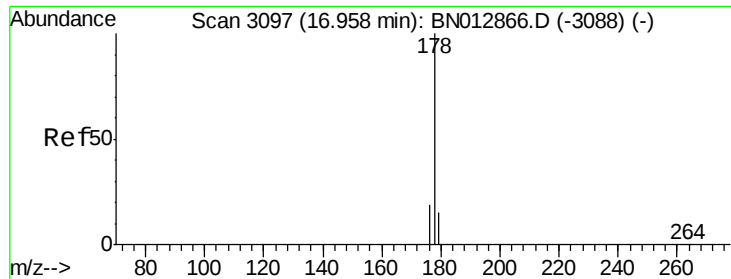
179 15.2 13.6 20.4

176 18.8 16.4 24.6



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E





#13

Anthracene

Concen: 0.755 ng/ul

RT: 16.95 min Scan# 3095

Delta R.T. -0.01 min

Lab File: BN012870.D

Acq: 04 Dec 2020 10:41

Instrument :

BNA_N

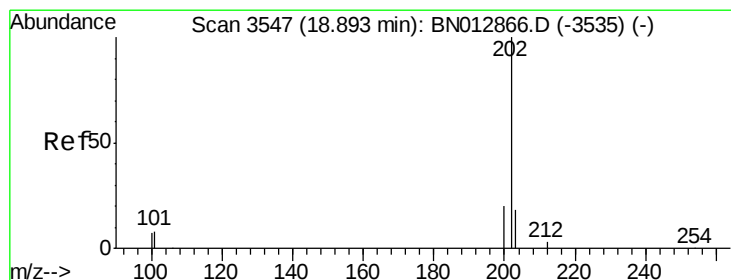
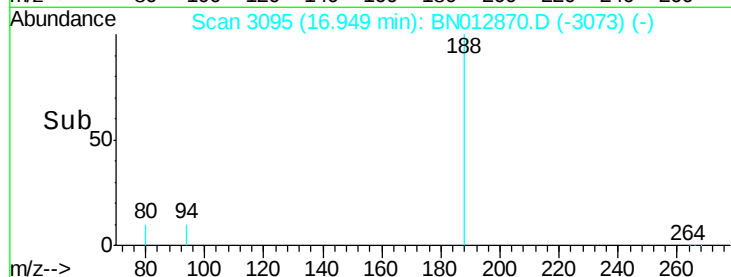
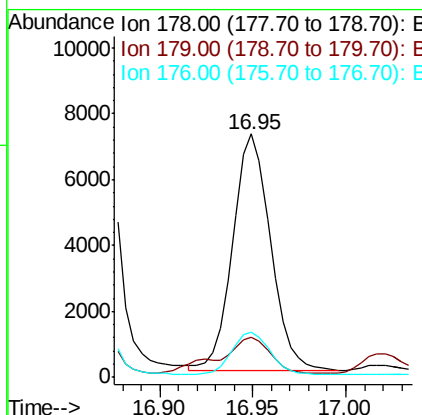
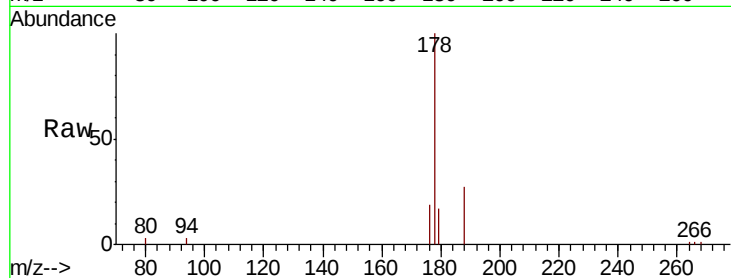
ClientSampleId :

C0AZ9

Tot Ion:	178	Resp:	10133
Ion Ratio	Lower	Upper	
178	100		
179	16.6	14.6	21.8
176	18.6	17.1	25.7

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#15

Fluoranthene

Concen: 15.060 ng/ul

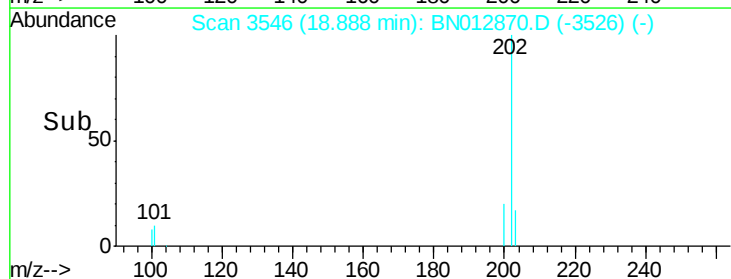
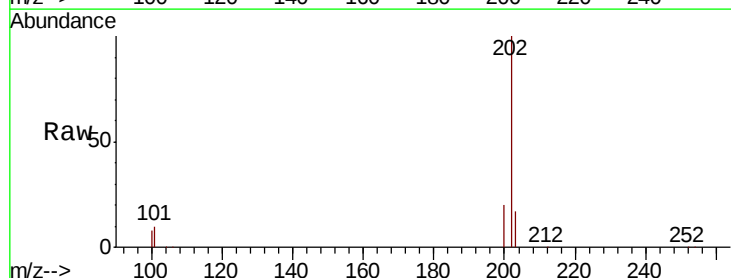
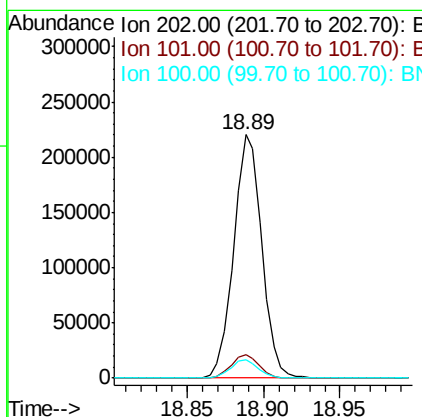
RT: 18.89 min Scan# 3546

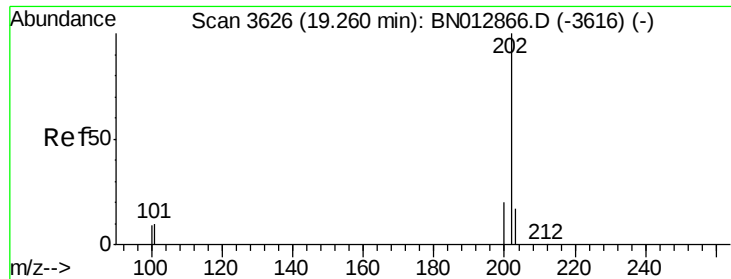
Delta R.T. -0.00 min

Lab File: BN012870.D

Acq: 04 Dec 2020 10:41

Tgt Ion:	202	Resp:	282202
Ion Ratio	Lower	Upper	
202	100		
101	9.6	0.0	30.6
100	7.5	0.0	28.7





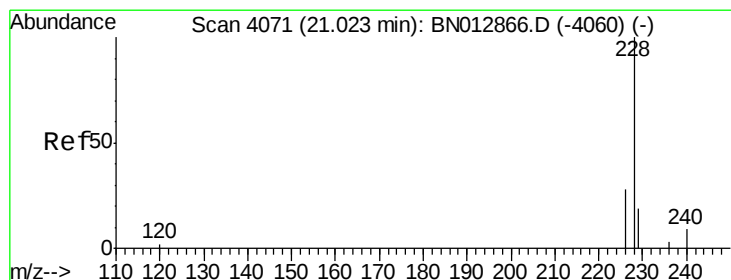
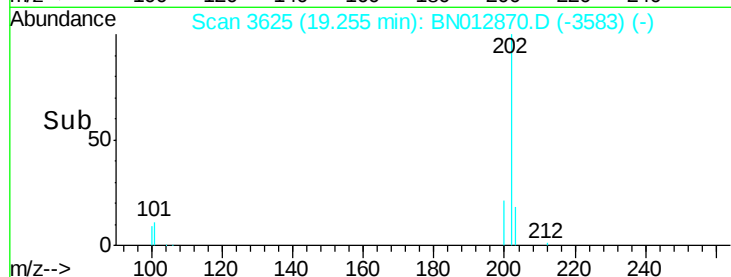
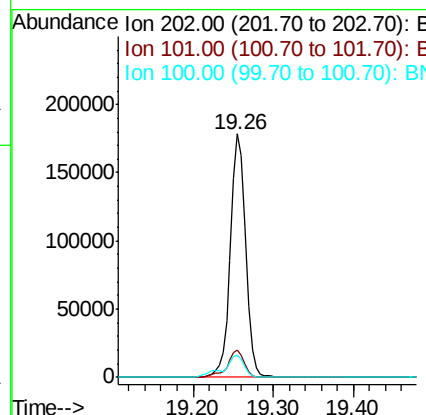
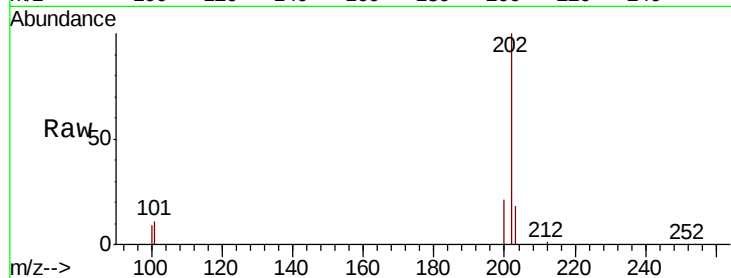
#17
Pvrene
Concen: 11.121 ng/ul
RT: 19.26 min Scan# 3625
Delta R.T. -0.00 min
Lab File: BN012870.D
Acq: 04 Dec 2020 10:41

Instrument :
BNA_N
ClientSampleId :
C0AZ9

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.1	9.1	13.7
100	9.3	7.5	11.3

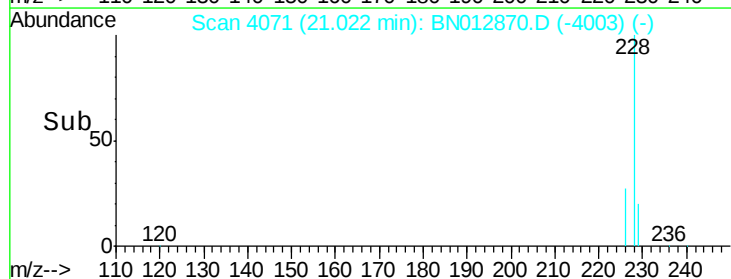
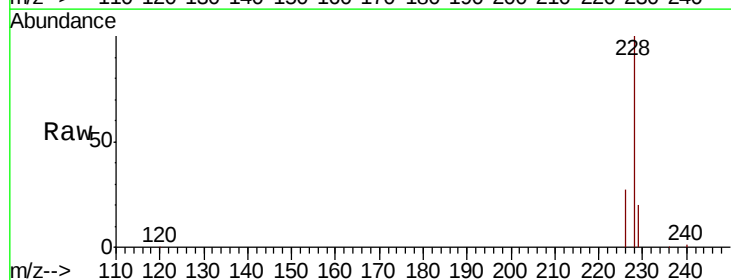
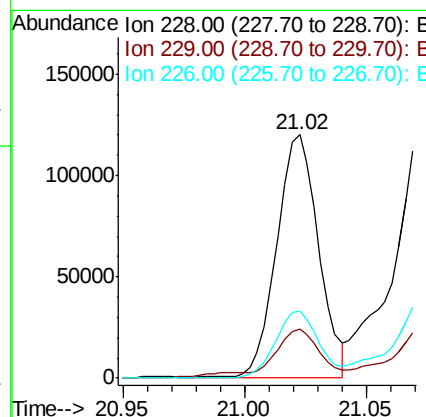
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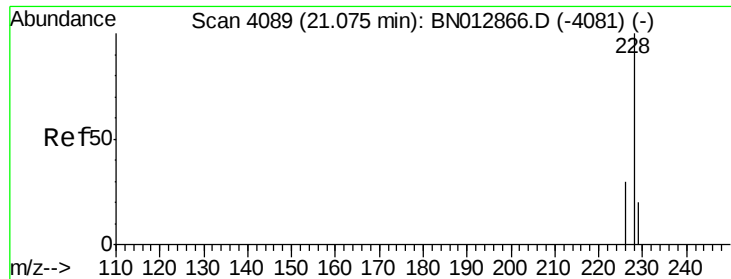
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#18
Benzo(a)anthracene
Concen: 7.631 ng/ul
RT: 21.02 min Scan# 4071
Delta R.T. -0.00 min
Lab File: BN012870.D
Acq: 04 Dec 2020 10:41

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	19.9	16.3	24.5
226	27.5	23.4	35.2





#19

Chrysene

Concen: 8.665 ng/ul

RT: 21.07 min Scan# 4088

Delta R.T. -0.00 min

Lab File: BN012870.D

Acq: 04 Dec 2020 10:41

Instrument :

BNA_N

ClientSampleId :

C0AZ9

Tot Ion:228 Resp: 177962

Ion Ratio Lower Upper

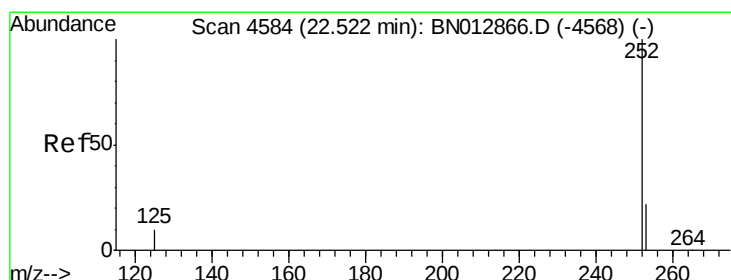
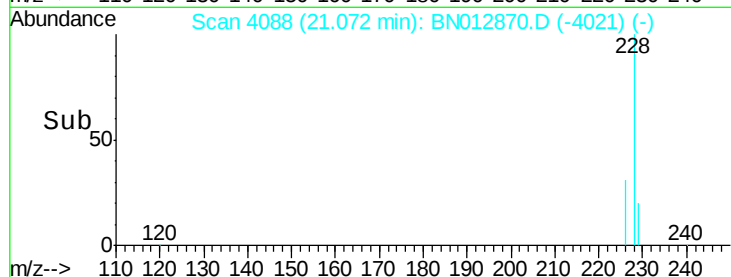
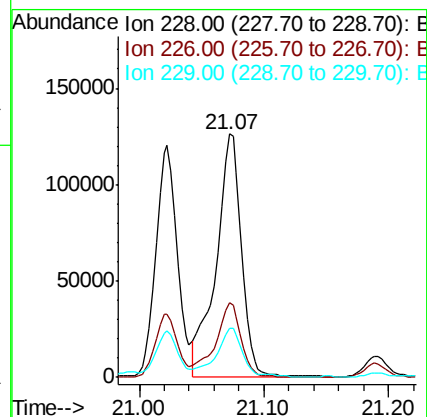
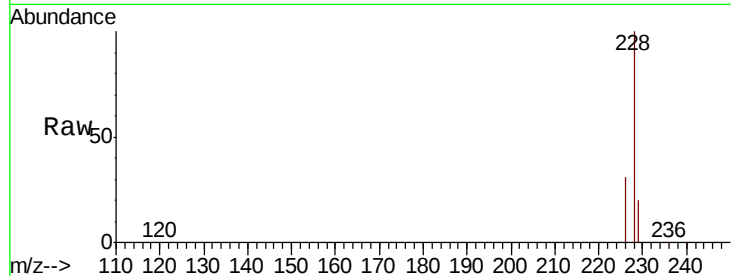
228 100

226 30.7 25.0 37.6

229 20.3 16.4 24.6

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#21

Benzo(b)fluoranthene

Concen: 13.055 ng/ul m

RT: 22.52 min Scan# 4584

Delta R.T. -0.00 min

Lab File: BN012870.D

Acq: 04 Dec 2020 10:41

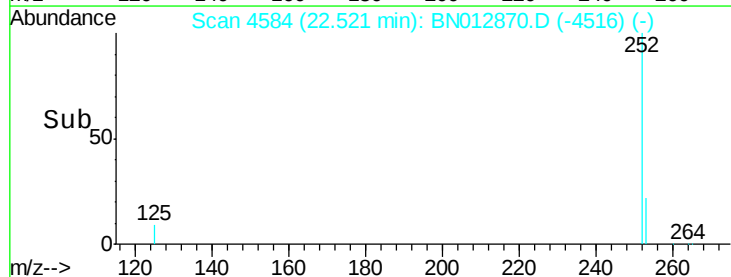
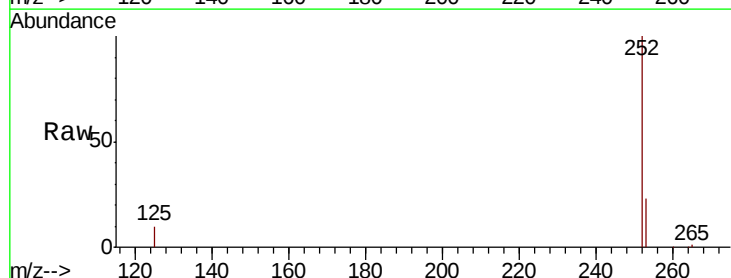
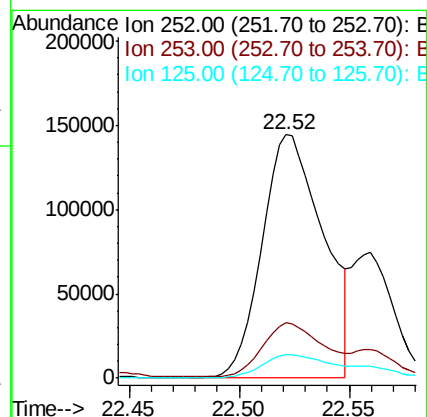
Tgt Ion:252 Resp: 279390

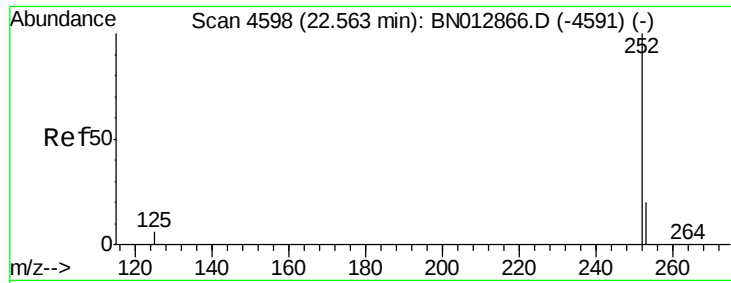
Ion Ratio Lower Upper

252 100

253 22.5 0.0 59.6

125 9.7 0.0 26.0





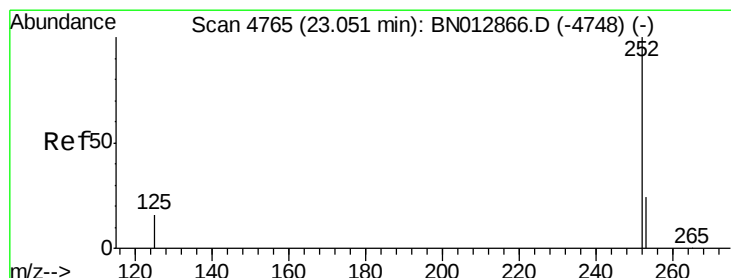
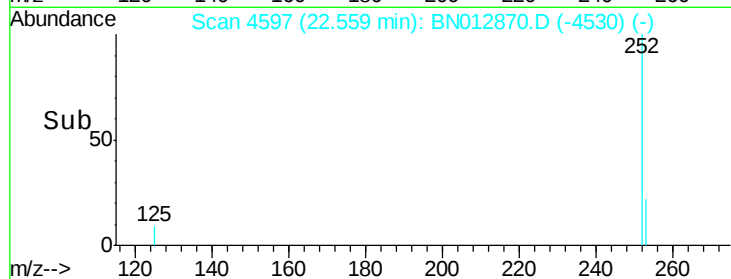
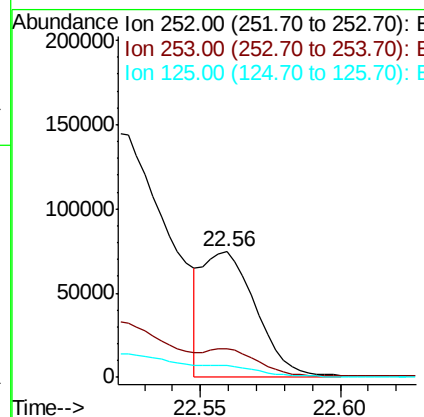
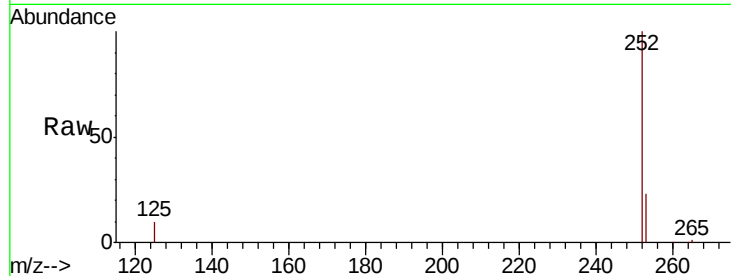
#22
Benzo(k)fluoranthene
Concen: 4.210 ng/ul m
RT: 22.56 min Scan# 4597
Delta R.T. -0.00 min
Lab File: BN012870.D
Acq: 04 Dec 2020 10:41

Instrument :
BNA_N
ClientSampleId :
C0AZ9

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	23.4	35.2#
125	9.6	11.1	16.7#

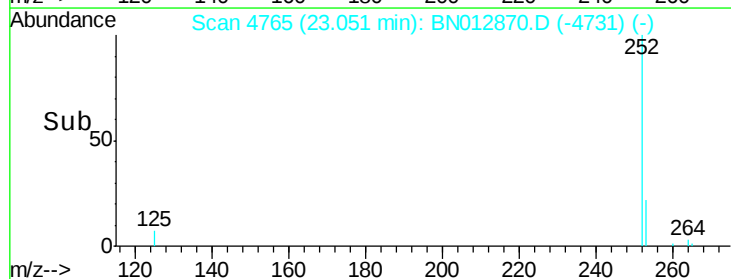
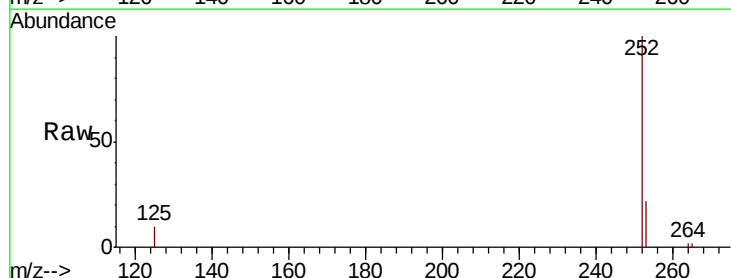
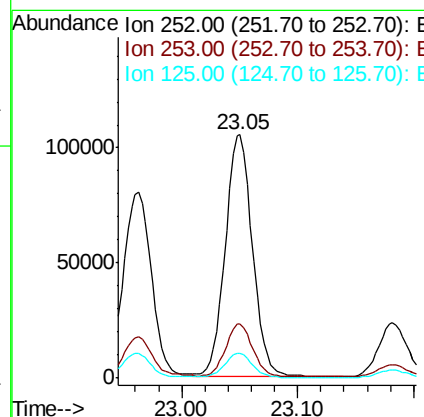
Manual Integrations
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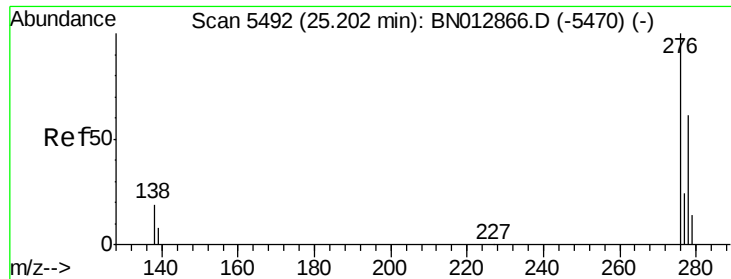
mohammad
12/7/2020 8:52:10 AM



#23
Benzo(a)pyrene
Concen: 8.582 ng/ul
RT: 23.05 min Scan# 4765
Delta R.T. -0.00 min
Lab File: BN012870.D
Acq: 04 Dec 2020 10:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	26.5	39.7#
125	10.4	14.2	21.2#





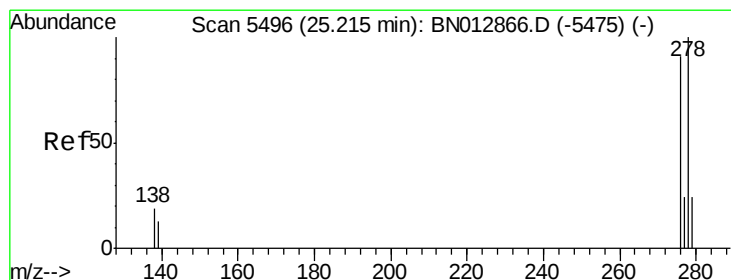
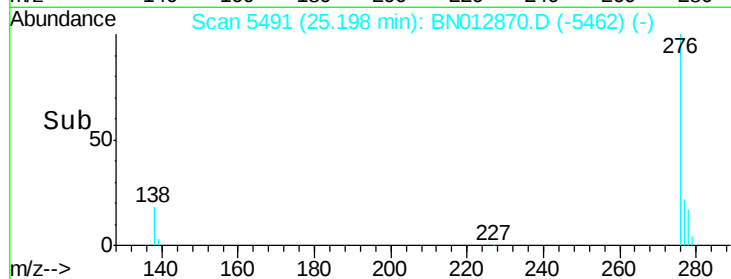
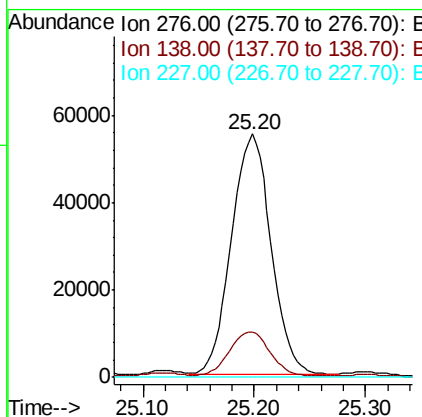
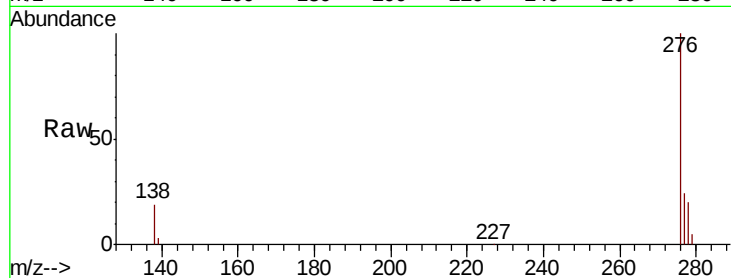
#24
Indeno(1,2,3-cd)pyrene
Concen: 5.210 ng/ul
RT: 25.20 min Scan# 5491
Delta R.T. -0.00 min
Lab File: BN012870.D
Acq: 04 Dec 2020 10:41

Instrument :
BNA_N
ClientSampleId :
C0AZ9

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.8	16.2	24.2
227	0.2	0.0	0.0#

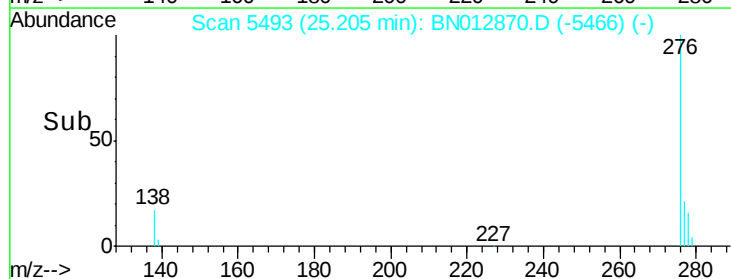
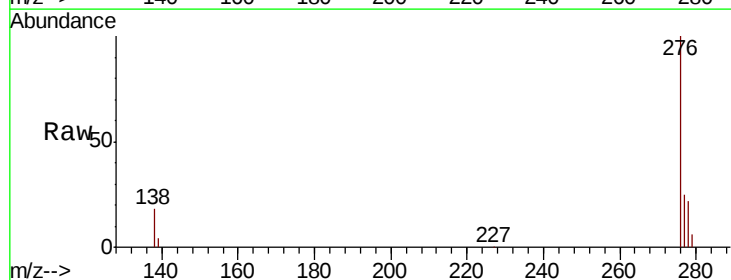
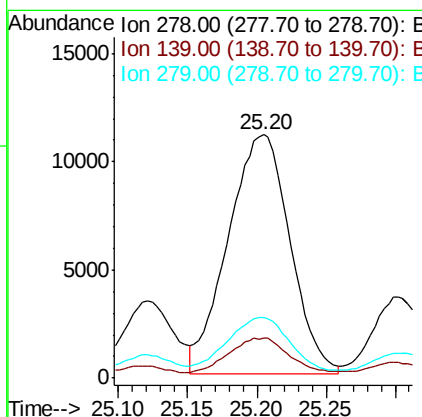
Manual Integrations
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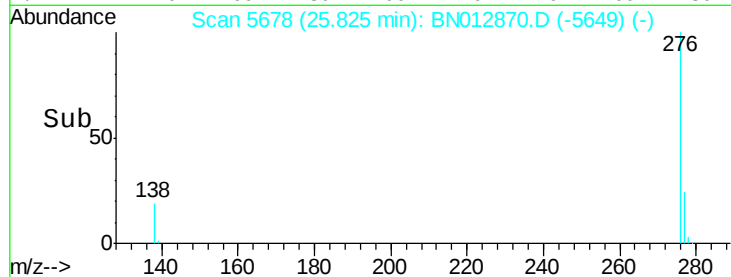
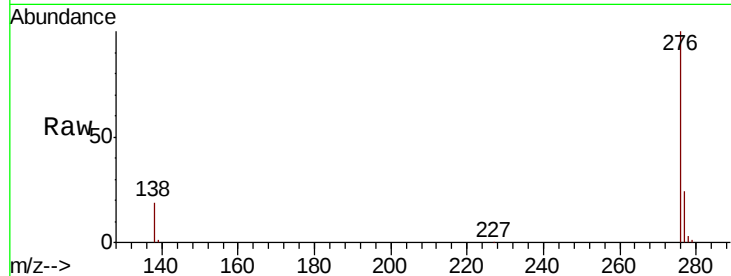
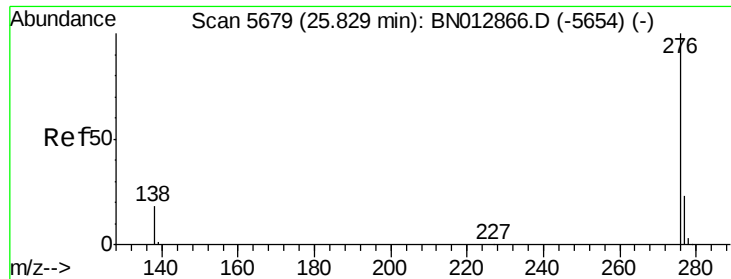
mohammad
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#25
Dibenzo(a,h)anthracene
Concen: 1.677 ng/ul m
RT: 25.20 min Scan# 5493
Delta R.T. -0.01 min
Lab File: BN012870.D
Acq: 04 Dec 2020 10:41

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.6	14.5	21.7
279	24.7	26.3	39.5#





#26

Benzo(a,h,i)perylene

Concen: 5.086 ng/ul

RT: 25.83 min Scan# 5678

Delta R.T. -0.00 min

Lab File: BN012870.D

Acq: 04 Dec 2020 10:41

Instrument :

BNA_N

ClientSampleId :

C0AZ9

Tot Ion:	276	Resp:	119997
Ion Ratio	Lower	Upper	
276	100		
138	19.2	16.3	24.5
277	24.0	21.8	32.6

Manual Integrations
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mohammad
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