

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
 Data File : BN013035.D
 Acq On : 10 Dec 2020 05:45
 Operator : CG/JU
 Sample : L4941-16
 Misc :
 ALS Vial : 105 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B41

Manual Integrations
 APPROVED

mohammad
 12/11/2020 1:19:04 PM

Quant Time: Dec 10 06:38:14 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 10 05:16:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	1461	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.14	136	6059	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.04	164	3346	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.80	188	6916	0.40	ng/ul	0.00
16) Chrysene-d12	21.03	240	4785	0.40	ng/ul	0.00
20) Perylene-d12	23.13	264	4289	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.75	152	1384	0.15	ng/ul	-0.01
14) Fluoranthene-d10	18.85	212	2727	0.14	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.19	128	791	0.045	ng/ul#	89
5) 2-Methylnaphthalene	11.82	142	454	0.039	ng/ul	99
7) Acenaphthylene	13.76	152	1491	0.094	ng/ul	95
8) Acenaphthene	14.11	153	2968	0.228	ng/ul	97
9) Fluorene	15.11	166	4491	0.301	ng/ul	96
12) Phenanthrene	16.84	178	170884	7.369	ng/ul	96
13) Anthracene	16.94	178	28108	1.424	ng/ul	94
15) Fluoranthene	18.88	202	425070	15.426	ng/ul	98
17) Pyrene	19.25	202	327475	14.489	ng/ul	99
18) Benzo(a)anthracene	21.01	228	155602	7.860	ng/ul	98
19) Chrysene	21.06	228	175907	8.042	ng/ul	98
21) Benzo(b)fluoranthene	22.51	252	204991m	10.331	ng/ul	
22) Benzo(k)fluoranthene	22.55	252	76216m	3.475	ng/ul	
23) Benzo(a)pyrene	23.04	252	125608	6.822	ng/ul#	83
24) Indeno(1,2,3-cd)pyrene	25.18	276	83021	3.433	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.18	278	21369	1.117	ng/ul	93
26) Benzo(a,h,i)perylene	25.81	276	68220	3.119	ng/ul	96

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

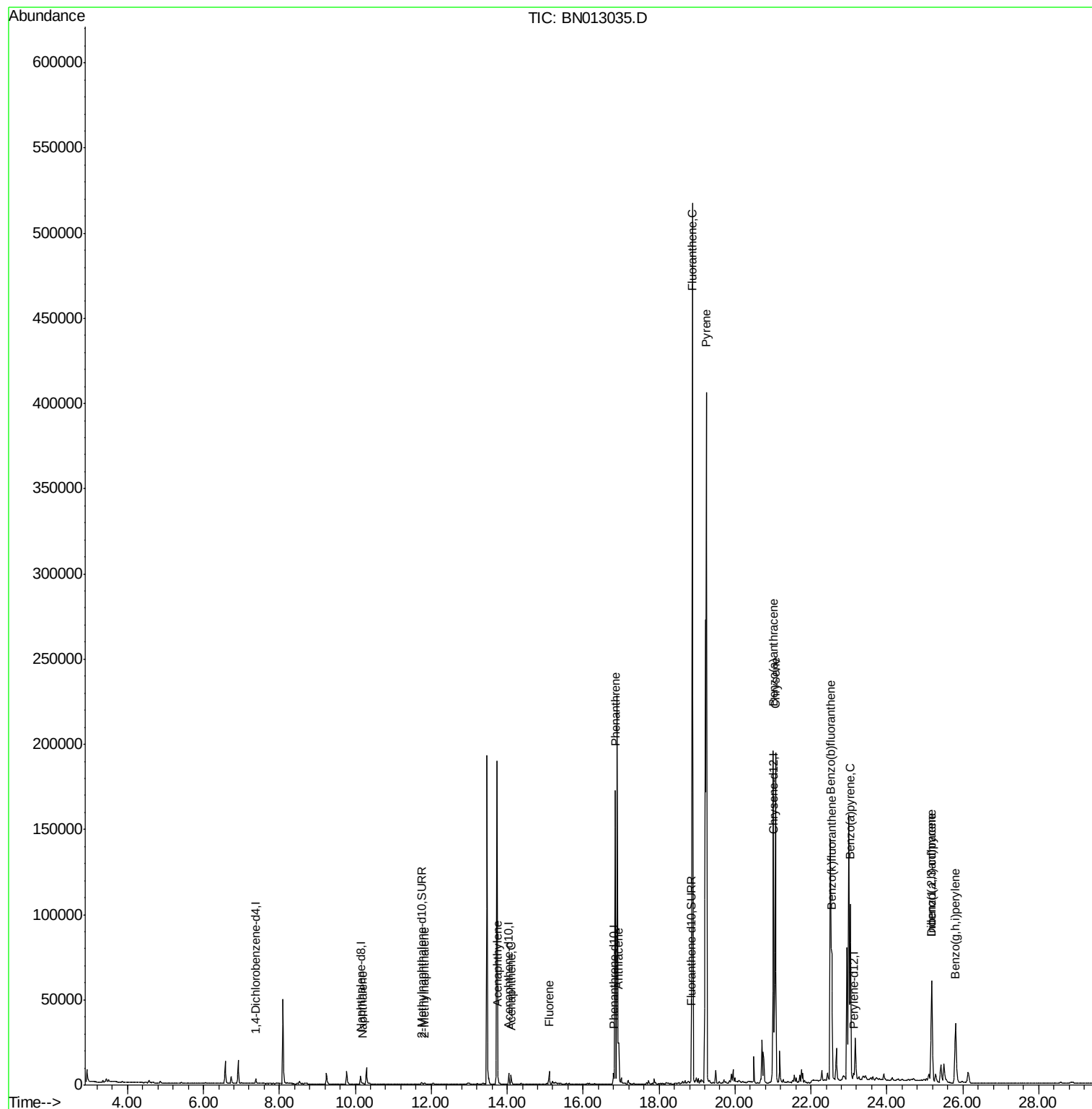
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
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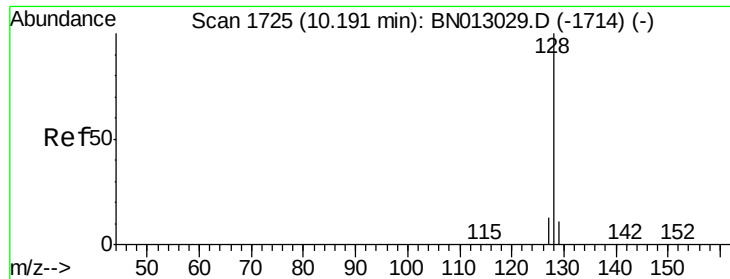
Instrument :
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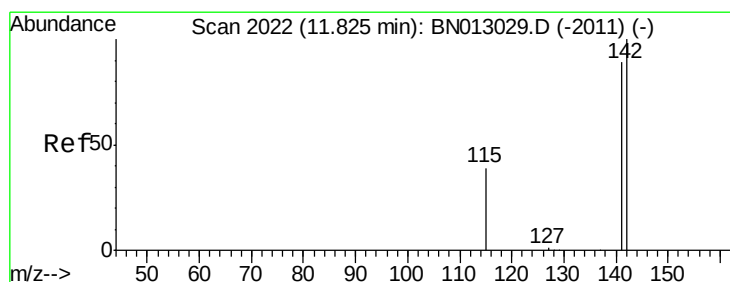
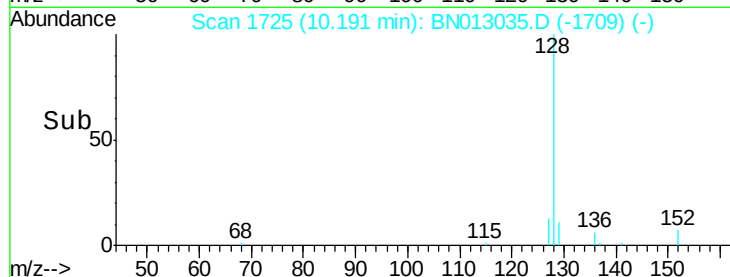
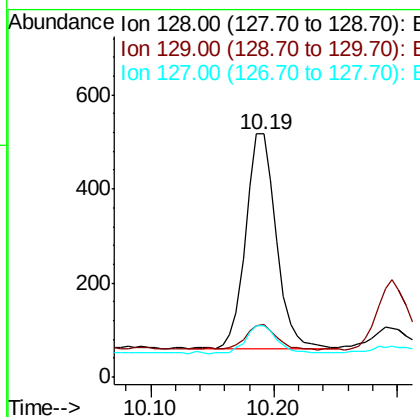
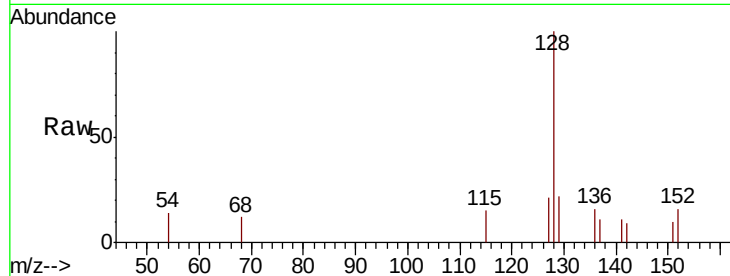
#3
Naphthalene
Concen: 0.045 ng/ul
RT: 10.19 min Scan# 1725
Delta R.T. -0.01 min
Lab File: BN013035.D
Acq: 10 Dec 2020 05:45

Instrument :
BNA_N
ClientSampleId :
C0B41

Tot Ion	Ratio	Lower	Upper
128	100		
129	21.9	12.3	18.5#
127	21.1	14.2	21.4

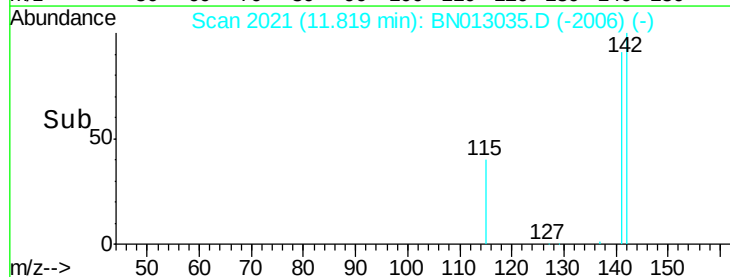
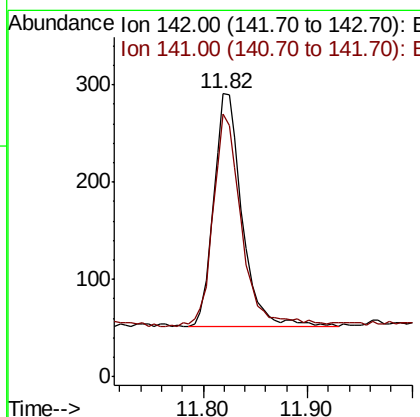
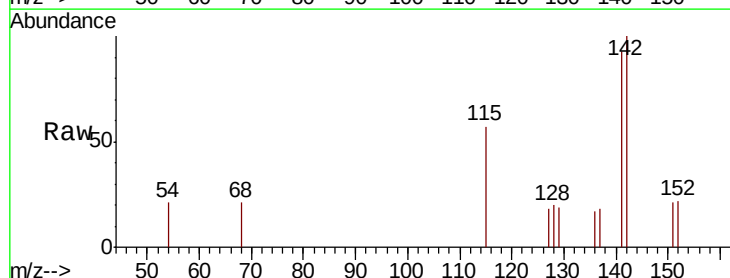
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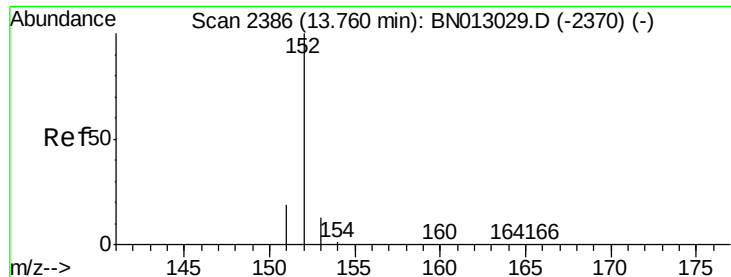
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#5
2-Methylnaphthalene
Concen: 0.039 ng/ul
RT: 11.82 min Scan# 2021
Delta R.T. -0.02 min
Lab File: BN013035.D
Acq: 10 Dec 2020 05:45

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.3	73.0	109.6





#7

Acenaphthylene

Concen: 0.094 ng/ul

RT: 13.76 min Scan# 2386

Delta R.T. -0.01 min

Lab File: BN013035.D

Acq: 10 Dec 2020 05:45

Instrument :

BNA_N

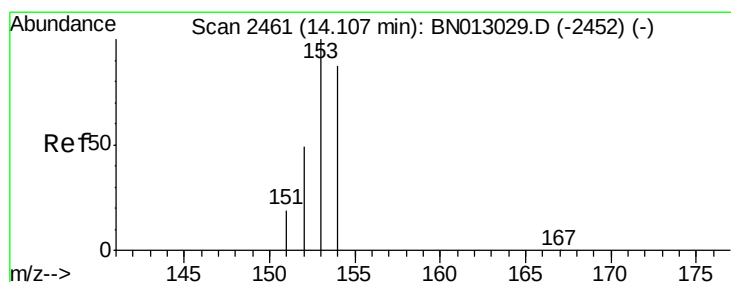
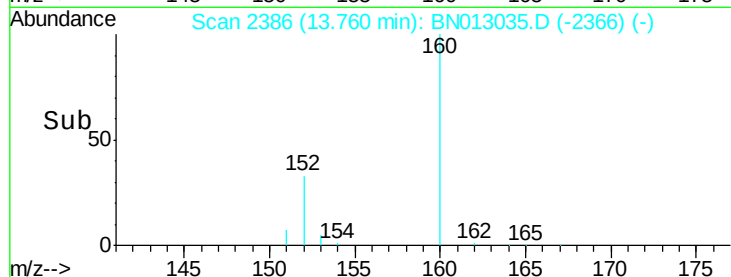
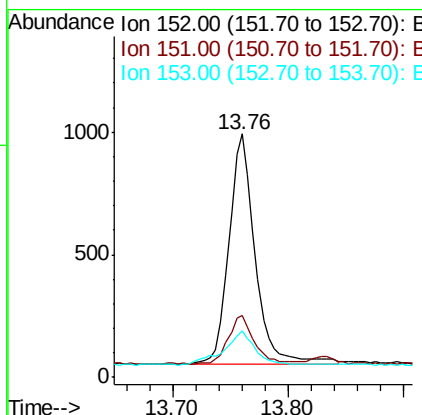
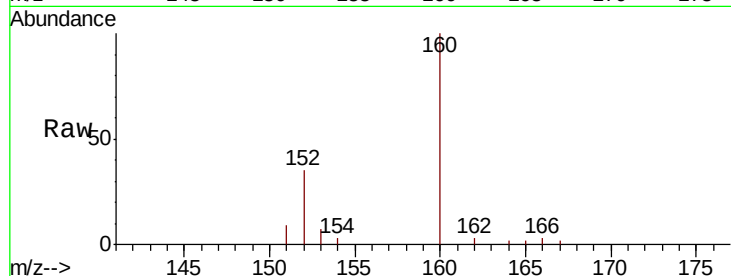
ClientSampled :

C0B41

Tot Ion:	152	Resp:	1491
Ion Ratio	Lower	Upper	
152	100		
151	25.3	18.2	27.4
153	18.9	13.1	19.7

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#8

Acenaphthene

Concen: 0.228 ng/ul

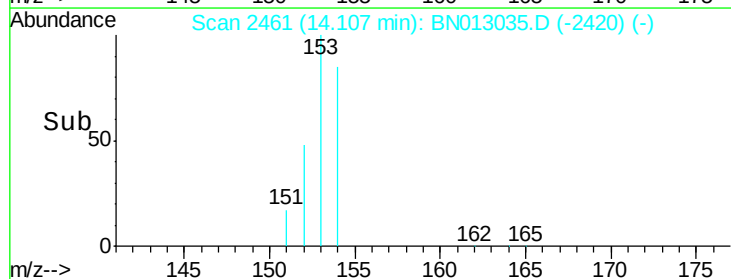
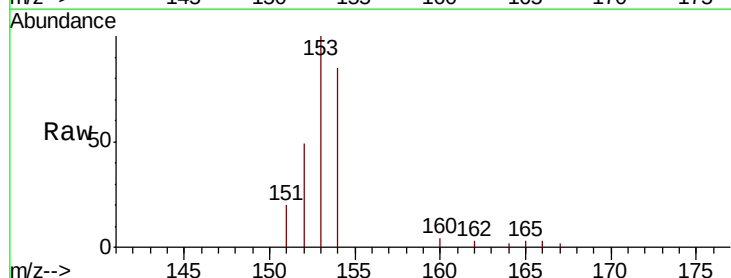
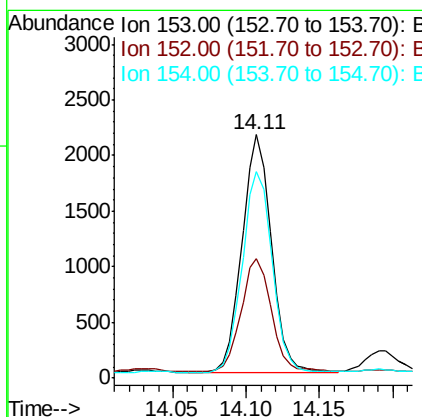
RT: 14.11 min Scan# 2461

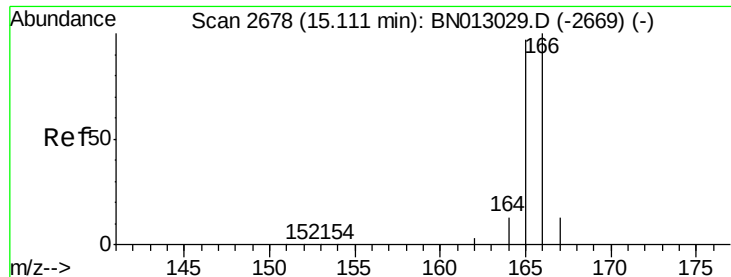
Delta R.T. -0.01 min

Lab File: BN013035.D

Acq: 10 Dec 2020 05:45

Tgt Ion:	153	Resp:	2968
Ion Ratio	Lower	Upper	
153	100		
152	49.1	40.7	61.1
154	85.1	70.8	106.2





#9

Fluorene

Concen: 0.301 ng/ul

RT: 15.11 min Scan# 2677

Delta R.T. -0.01 min

Lab File: BN013035.D

Acq: 10 Dec 2020 05:45

Instrument :

BNA_N

ClientSampleId :

C0B41

Tot Ion:166 Resp: 4491

Ion Ratio Lower Upper

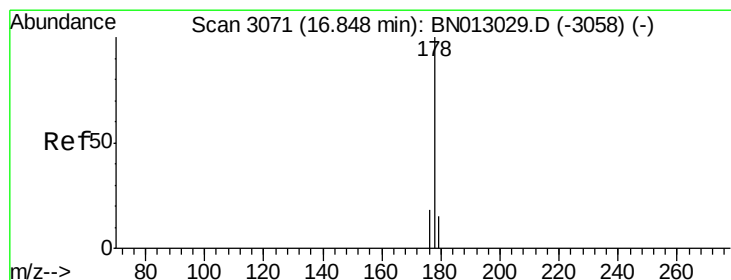
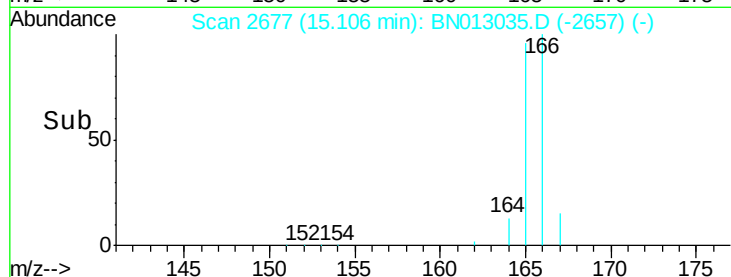
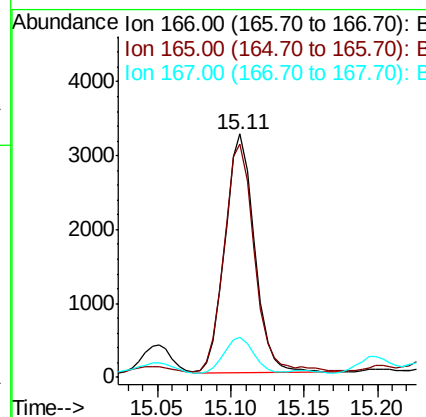
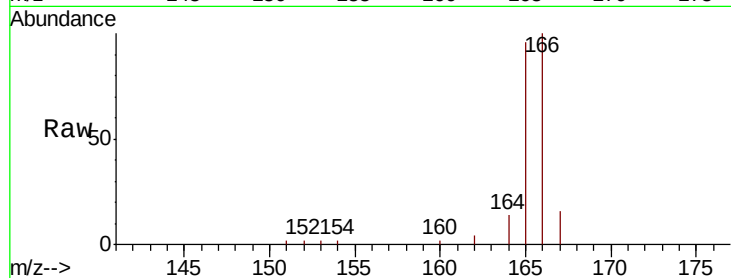
166 100

165 96.0 79.8 119.8

167 16.4 13.8 20.8

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#12

Phenanthrene

Concen: 7.369 ng/ul

RT: 16.84 min Scan# 3070

Delta R.T. -0.01 min

Lab File: BN013035.D

Acq: 10 Dec 2020 05:45

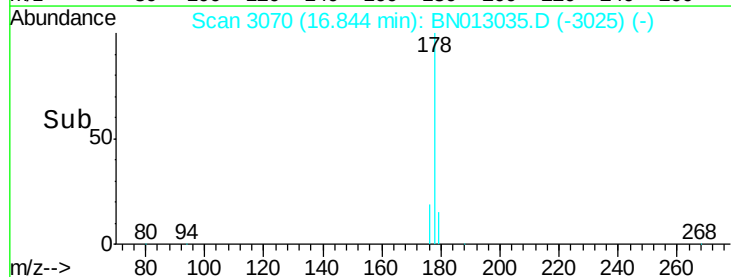
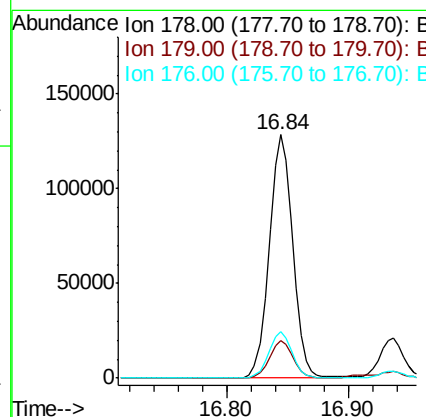
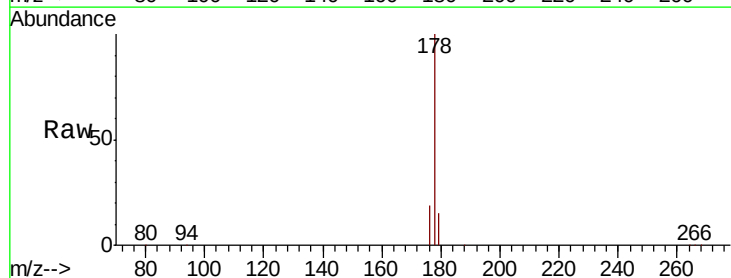
Tgt Ion:178 Resp: 170884

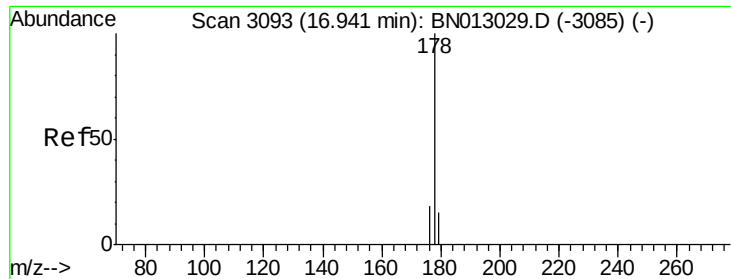
Ion Ratio Lower Upper

178 100

179 15.3 13.6 20.4

176 18.9 16.4 24.6





#13

Anthracene

Concen: 1.424 ng/ul

RT: 16.94 min Scan# 3092

Delta R.T. -0.01 min

Lab File: BN013035.D

Acq: 10 Dec 2020 05:45

Instrument :

BNA_N

ClientSampled :

C0B41

Tot Ion:178 Resp: 28108

Ion Ratio Lower Upper

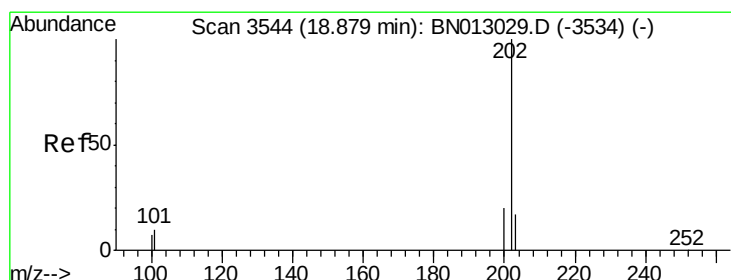
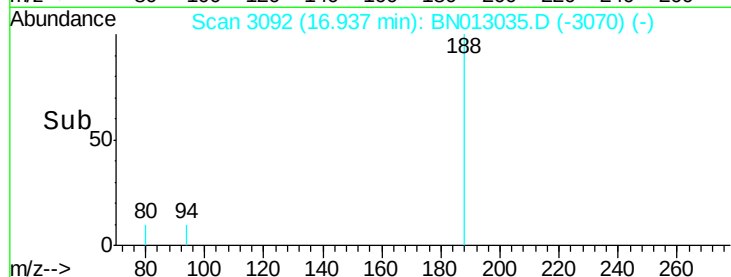
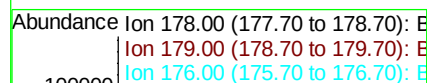
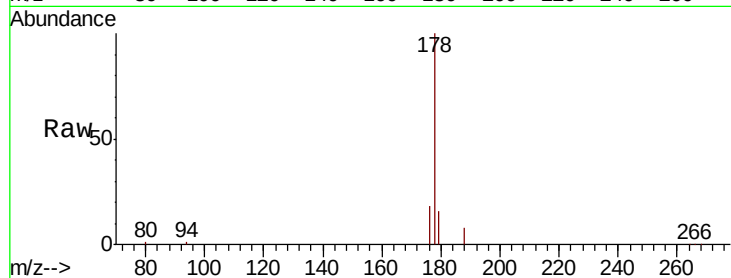
178 100

179 15.9 14.6 21.8

176 18.4 17.1 25.7

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#15

Fluoranthene

Concen: 15.426 ng/ul

RT: 18.88 min Scan# 3544

Delta R.T. -0.00 min

Lab File: BN013035.D

Acq: 10 Dec 2020 05:45

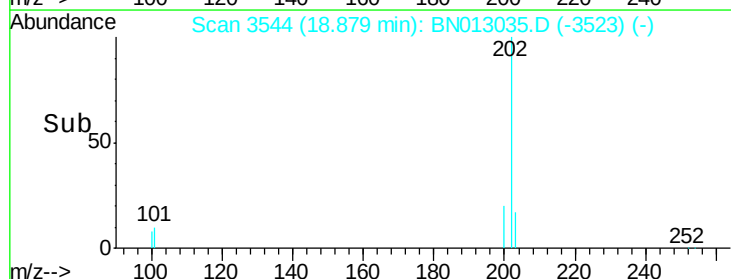
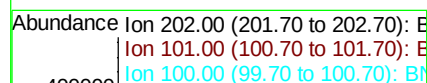
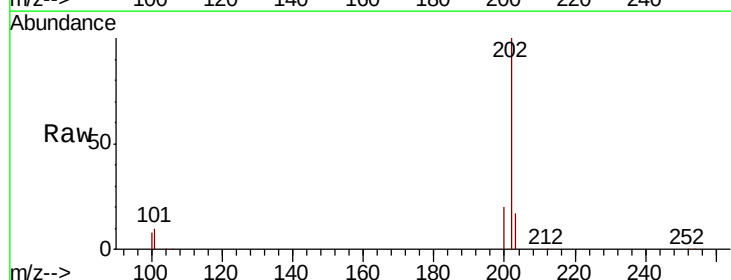
Tgt Ion:202 Resp: 425070

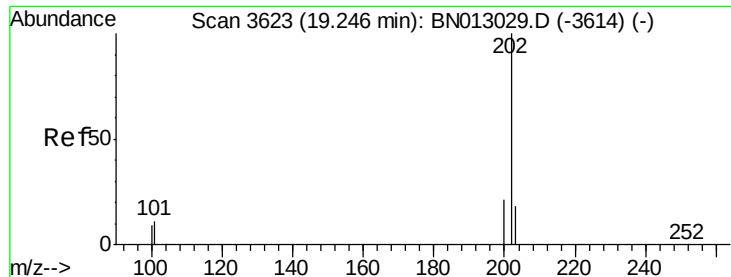
Ion Ratio Lower Upper

202 100

101 9.9 0.0 30.6

100 7.6 0.0 28.7





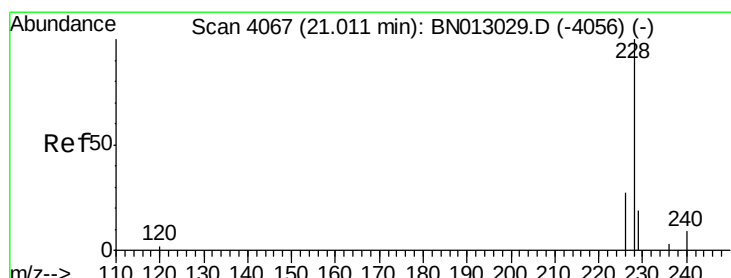
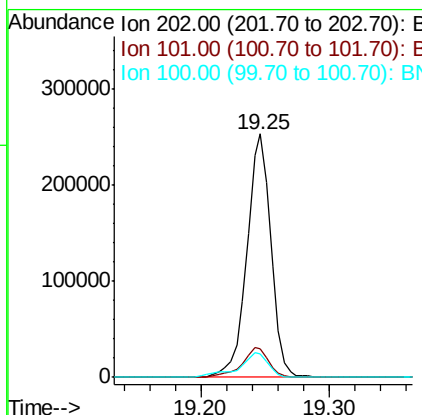
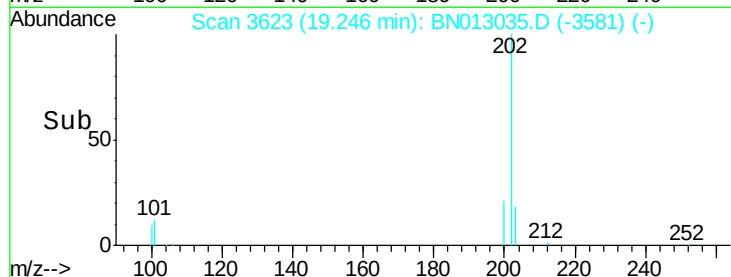
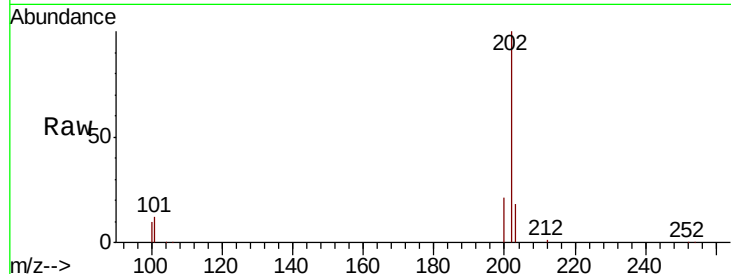
#17
Pvrene
Concen: 14.489 ng/ul
RT: 19.25 min Scan# 3623
Delta R.T. -0.00 min
Lab File: BN013035.D
Acq: 10 Dec 2020 05:45

Instrument :
BNA_N
ClientSampleId :
C0B41

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.7	9.1	13.7
100	9.6	7.5	11.3

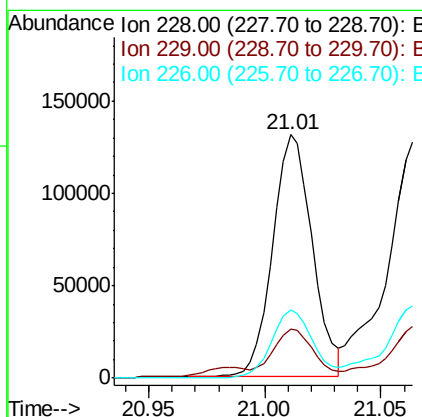
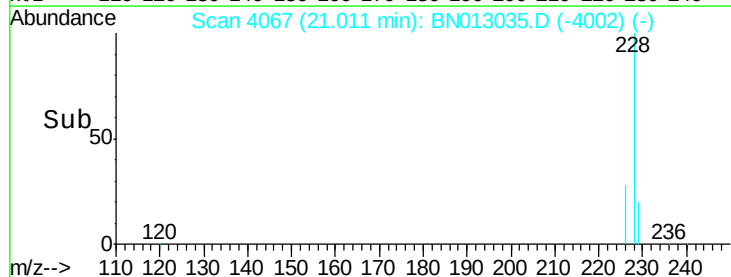
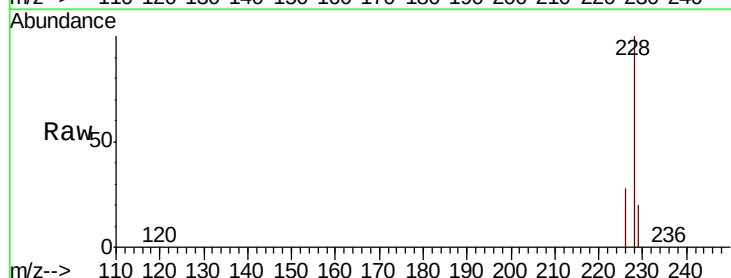
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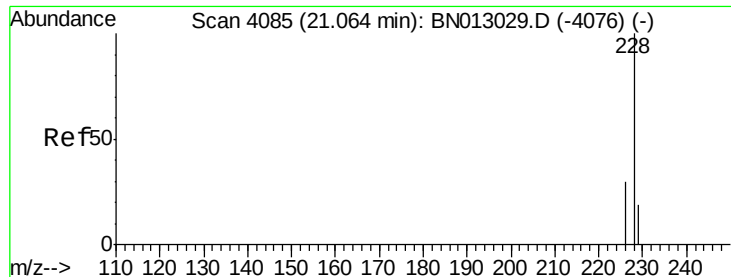
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#18
Benzo(a)anthracene
Concen: 7.860 ng/ul
RT: 21.01 min Scan# 4067
Delta R.T. -0.01 min
Lab File: BN013035.D
Acq: 10 Dec 2020 05:45

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.0	16.3	24.5
226	28.1	23.4	35.2





#19

Chrysene

Concen: 8.042 ng/ul

RT: 21.06 min Scan# 4085

Delta R.T. -0.01 min

Lab File: BN013035.D

Acq: 10 Dec 2020 05:45

Instrument :

BNA_N

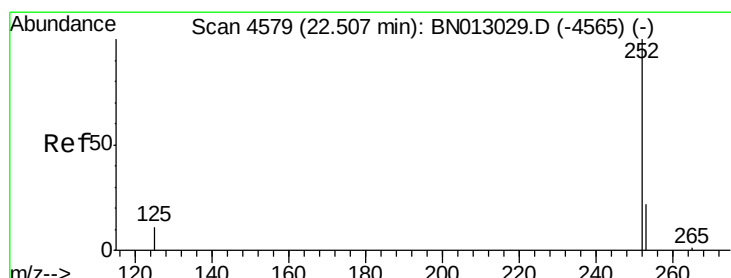
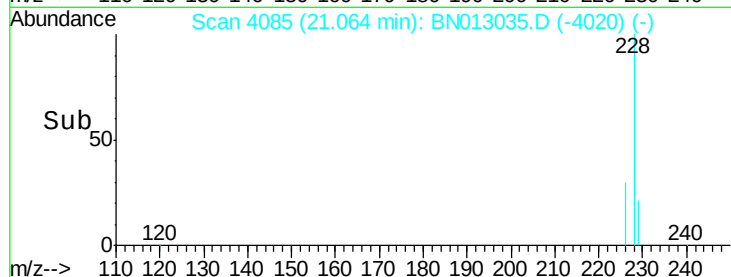
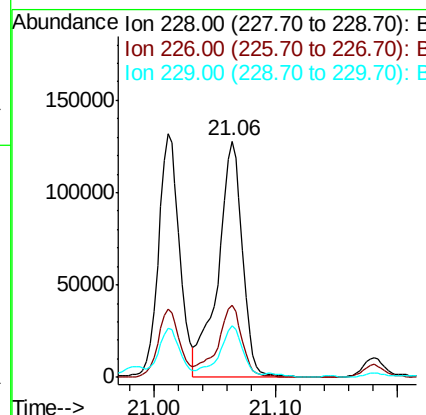
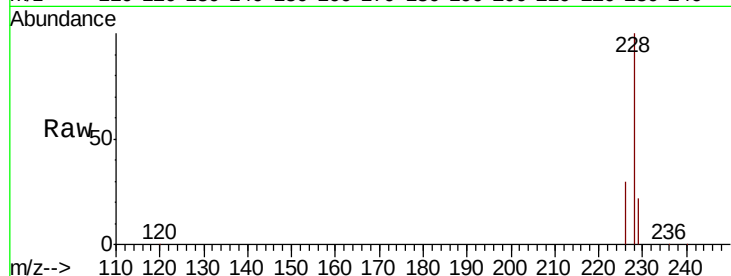
ClientSampleId :

C0B41

Tot Ion:	228	Resp:	175907
Ion Ratio	Lower	Upper	
228	100		
226	30.3	25.0	37.6
229	21.6	16.4	24.6

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#21

Benzo(b)fluoranthene

Concen: 10.331 ng/ul m

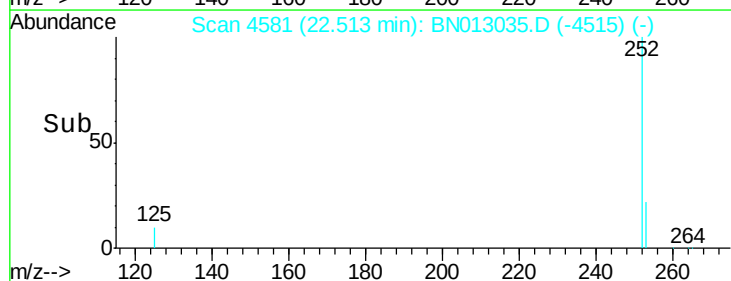
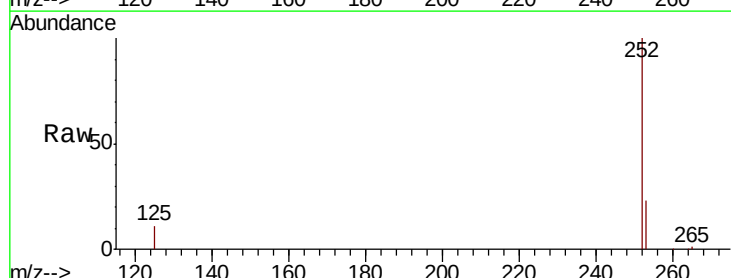
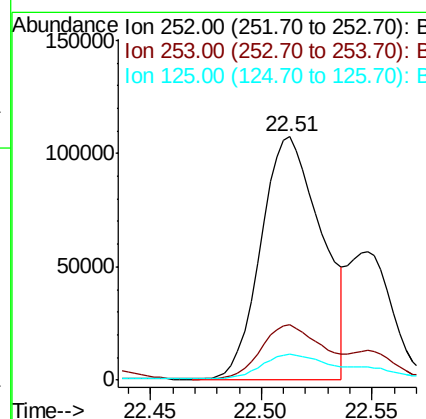
RT: 22.51 min Scan# 4581

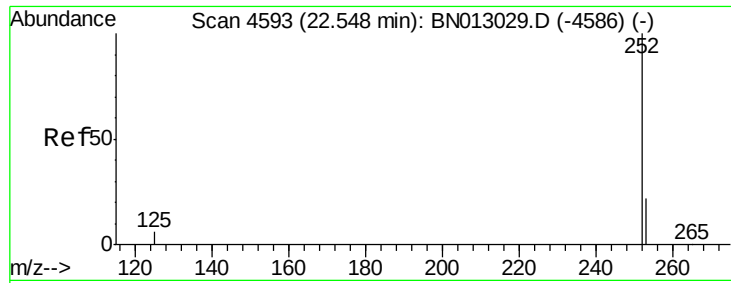
Delta R.T. -0.01 min

Lab File: BN013035.D

Acq: 10 Dec 2020 05:45

Tgt Ion:	252	Resp:	204991
Ion Ratio	Lower	Upper	
252	100		
253	22.7	0.0	59.6
125	10.5	0.0	26.0





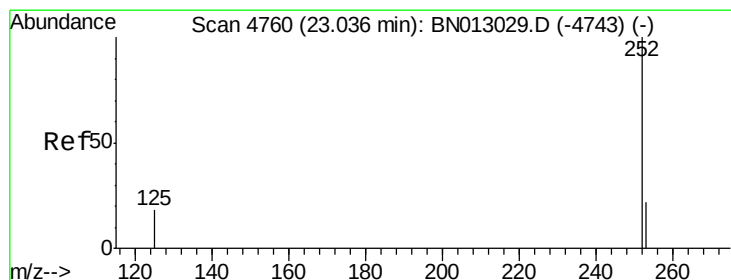
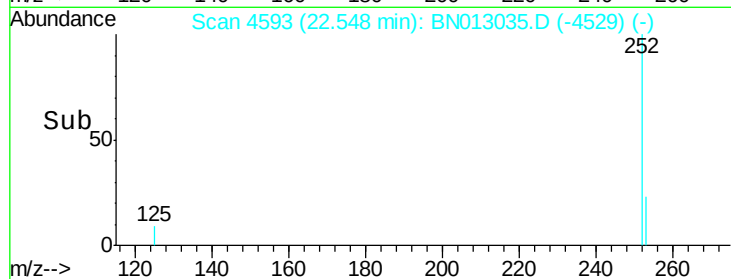
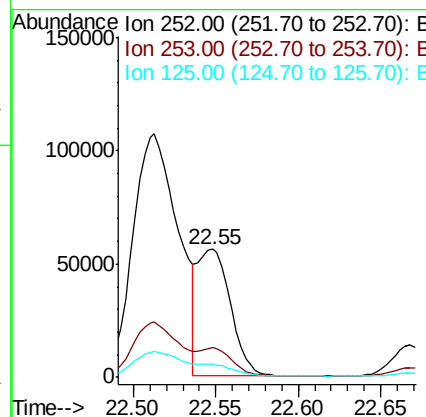
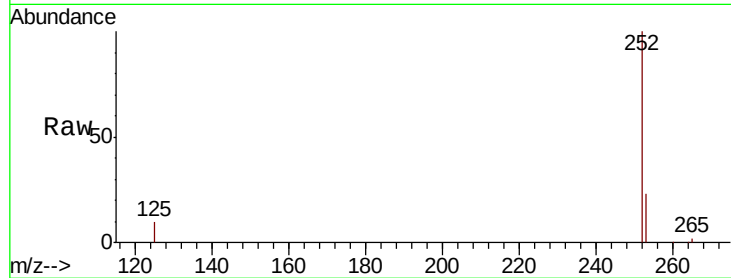
#22
Benzo(k)fluoranthene
Concen: 3.475 ng/ul m
RT: 22.55 min Scan# 4593
Delta R.T. -0.01 min
Lab File: BN013035.D
Acq: 10 Dec 2020 05:45

Instrument :
BNA_N
ClientSampled :
C0B41

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	23.4	35.2#
125	10.1	11.1	16.7#

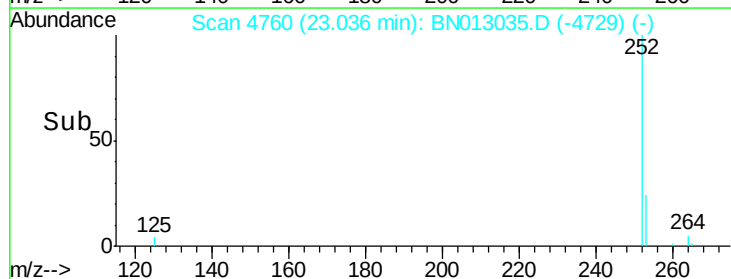
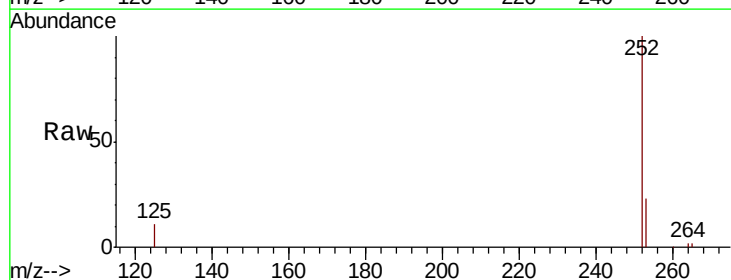
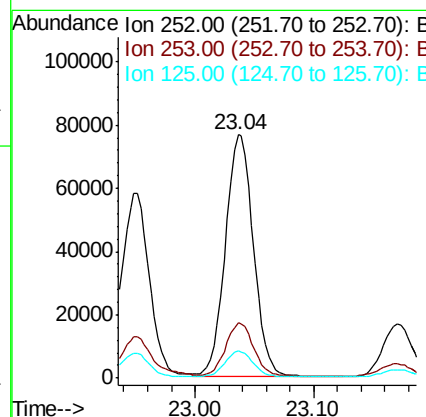
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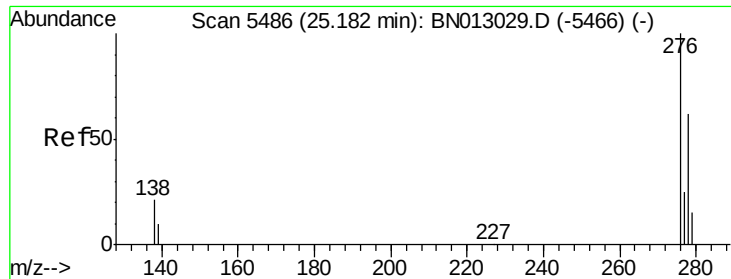
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#23
Benzo(a)pyrene
Concen: 6.822 ng/ul
RT: 23.04 min Scan# 4760
Delta R.T. -0.01 min
Lab File: BN013035.D
Acq: 10 Dec 2020 05:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	26.5	39.7#
125	11.1	14.2	21.2#





#24

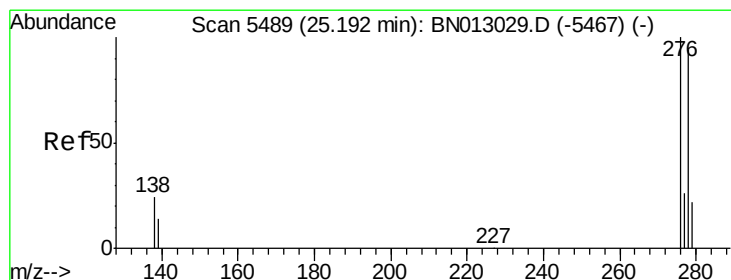
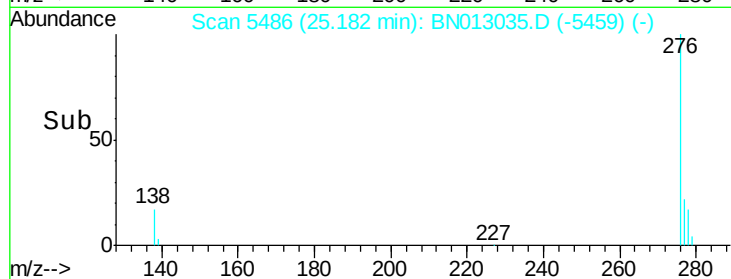
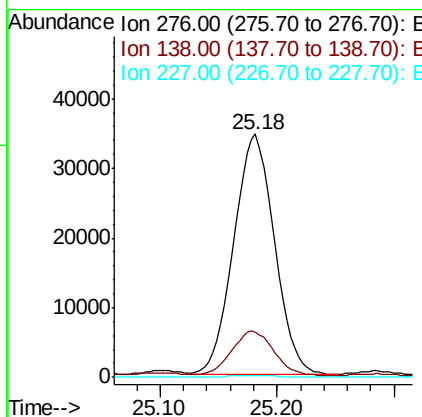
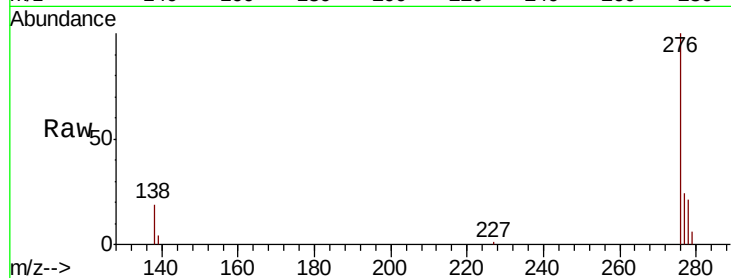
Indeno(1,2,3-cd)pyrene
Concen: 3.433 ng/ul
RT: 25.18 min Scan# 5486
Delta R.T. -0.01 min
Lab File: BN013035.D
Acq: 10 Dec 2020 05:45

Instrument :
BNA_N
ClientSampleId :
C0B41

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.0	16.2	24.2
227	0.2	0.0	0.0

Manual Integrations
APPROVED

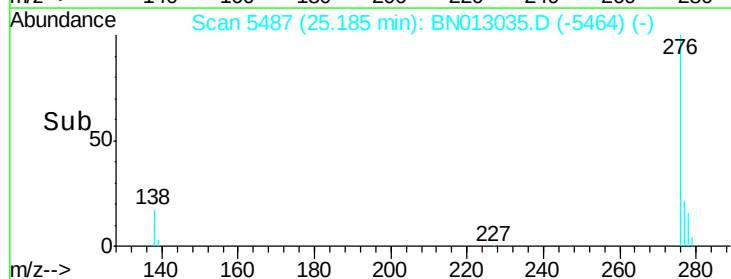
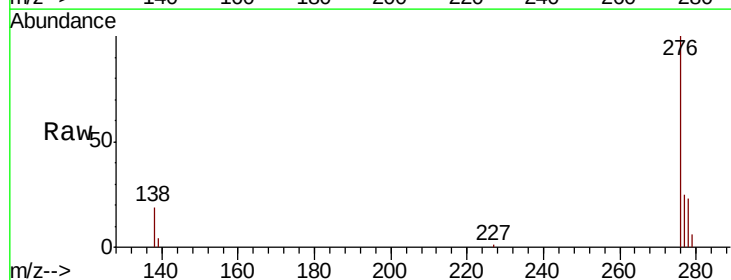
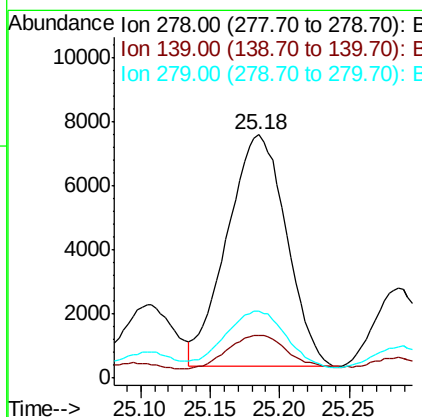
mohammad
12/11/2020 1:19:04 PM

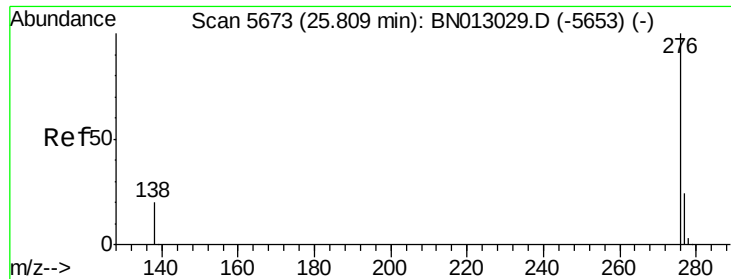


#25

Dibenzo(a,h)anthracene
Concen: 1.117 ng/ul
RT: 25.18 min Scan# 5487
Delta R.T. -0.02 min
Lab File: BN013035.D
Acq: 10 Dec 2020 05:45

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.3	14.5	21.7
279	27.5	26.3	39.5





#26
Benzo(a,h,i)perylene
Concen: 3.119 ng/ul
RT: 25.81 min Scan# 5673
Delta R.T. -0.01 min
Lab File: BN013035.D
Acq: 10 Dec 2020 05:45

Instrument :
BNA_N
ClientSampleId :
C0B41

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.9	16.3	24.5
277	24.1	21.8	32.6

Manual Integrations
APPROVED

mohammad
12/11/2020 1:19:04 PM

