

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012721\
 Data File : BN013502.D
 Acq On : 27 Jan 2021 11:47
 Operator : CG/JU
 Sample : M1099-18
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F1C14

Manual Integrations
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mohammad
 1/28/2021 11:43:58 AM

Quant Time: Jan 27 12:47:16 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN012721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 27 11:55:49 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	5240	0.40	ng/ul	0.00
2) Naphthalene-d8	10.33	136	19763	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.20	164	11543	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.95	188	23768m	0.40	ng/ul	0.00
16) Chrysene-d12	21.15	240	22895	0.40	ng/ul	0.00
20) Perylene-d12	23.32	264	22578	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.92	152	12078	0.41	ng/ul	0.00
14) Fluoranthene-d10	18.99	212	25728	0.41	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.38	128	7576	0.133	ng/ul	96
5) 2-Methylnaphthalene	12.00	142	2349	0.065	ng/ul	99
7) Acenaphthylene	13.92	152	16535	0.348	ng/ul	99
8) Acenaphthene	14.26	153	6624	0.156	ng/ul	99
9) Fluorene	15.25	166	6680	0.143	ng/ul#	96
12) Phenanthrene	16.99	178	28226	0.363	ng/ul	99
13) Anthracene	17.08	178	5562	0.087	ng/ul#	95
15) Fluoranthene	19.01	202	32566	0.383	ng/ul	98
17) Pyrene	19.38	202	65111	0.695	ng/ul	98
18) Benzo(a)anthracene	21.14	228	4527	0.060	ng/ul#	1
19) Chrysene	21.19	228	6578	0.070	ng/ul#	88
21) Benzo(b)fluoranthene	22.68	252	8410m	0.089	ng/ul	
22) Benzo(k)fluoranthene	22.71	252	3160m	0.031	ng/ul	
23) Benzo(a)pyrene	23.23	252	6934	0.086	ng/ul#	75
24) Indeno(1,2,3-cd)pyrene	25.47	276	6096	0.057	ng/ul#	100
26) Benzo(a,h,i)perylene	26.13	276	12481	0.132	ng/ul	97

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

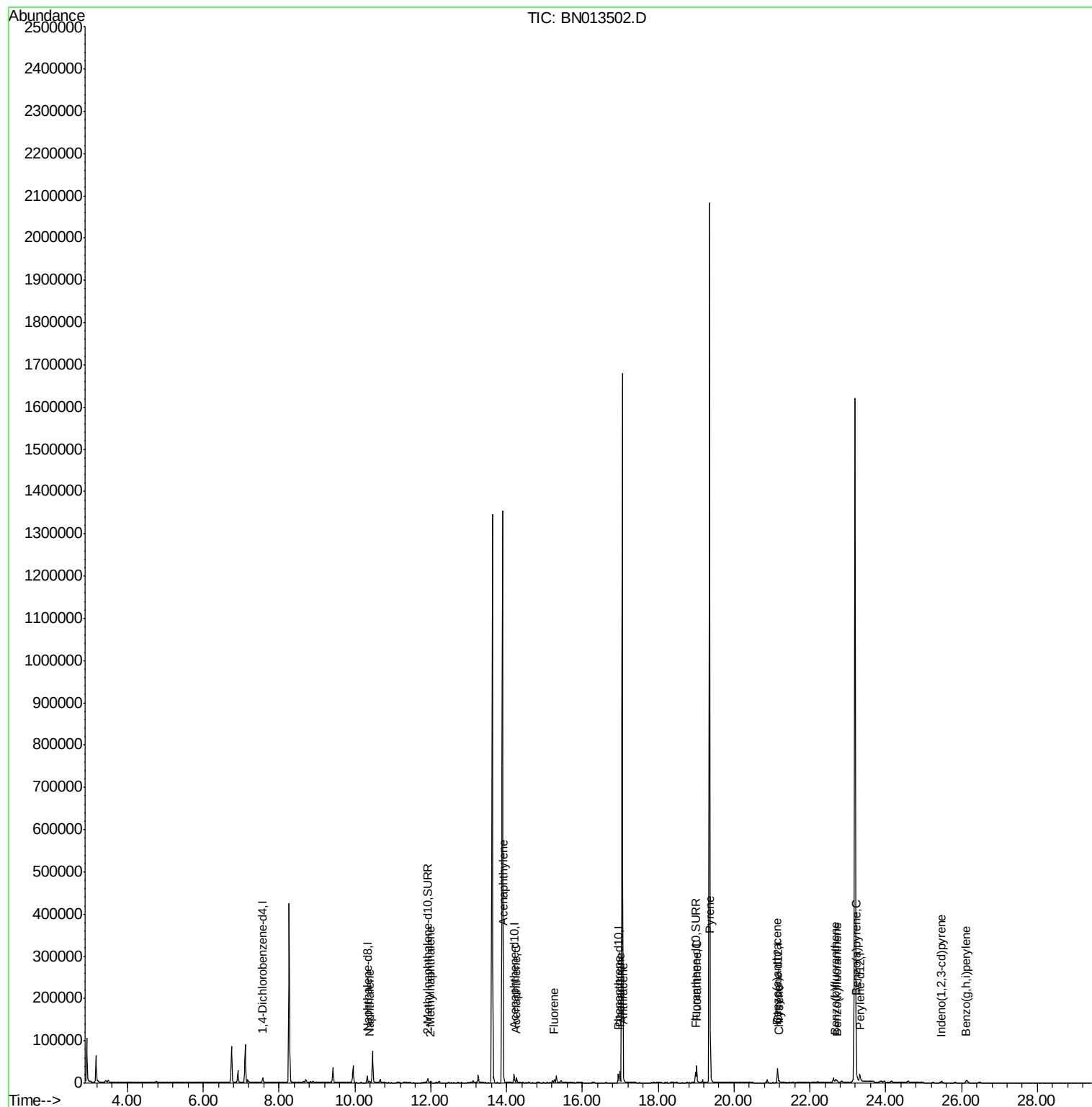
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012721\
Data File : BN013502.D
Acq On : 27 Jan 2021 11:47
Operator : CG/JU
Sample : M1099-18
Misc :
ALS Vial : 5 Sample Multiplier: 1

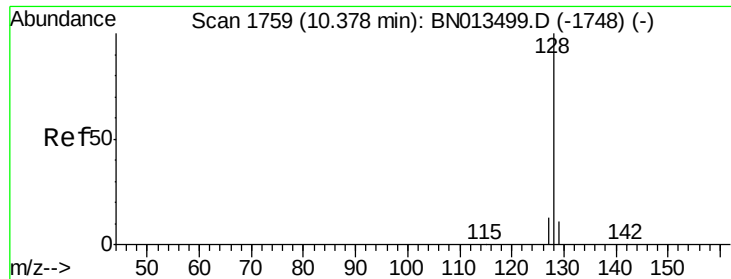
Instrument :
BNA_N
ClientSampleId :
F1C14

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Quant Time: Jan 27 12:47:16 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 27 11:55:49 2021
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.133 ng/ul

RT: 10.38 min Scan# 1759

Delta R.T. 0.00 min

Lab File: BN013502.D

Acq: 27 Jan 2021 11:47

Instrument :

BNA_N

ClientSampleId :

F1C14

Tot Ion:128 Resp: 7576

Ion Ratio Lower Upper

128 100

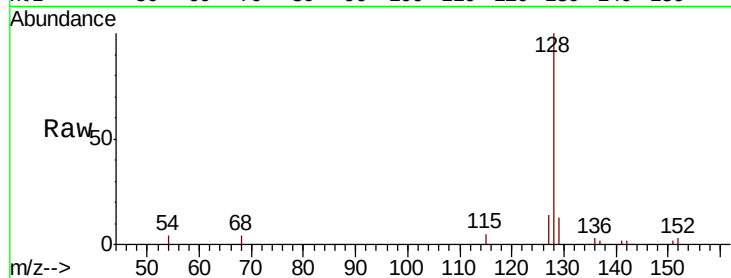
129 13.3 9.0 13.6

127 14.3 10.6 15.8

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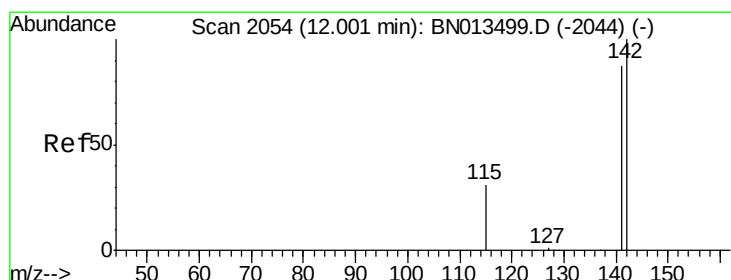
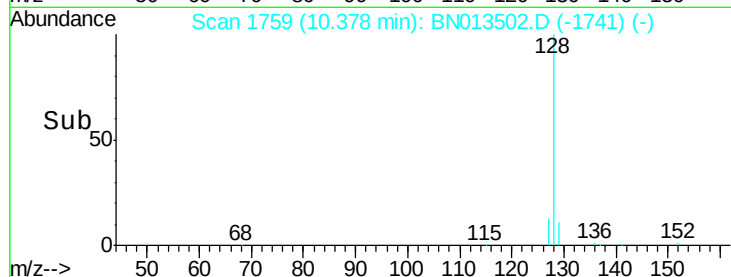
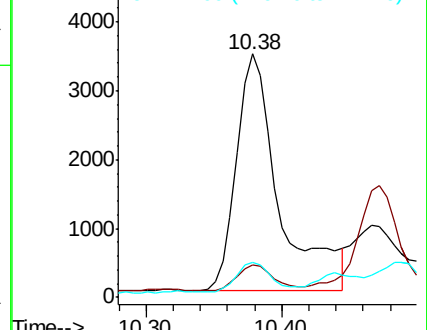
1/28/2021 11:43:58 AM



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.065 ng/ul

RT: 12.00 min Scan# 2054

Delta R.T. 0.00 min

Lab File: BN013502.D

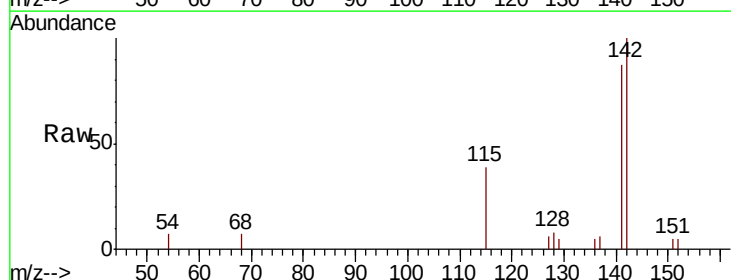
Acq: 27 Jan 2021 11:47

Tgt Ion:142 Resp: 2349

Ion Ratio Lower Upper

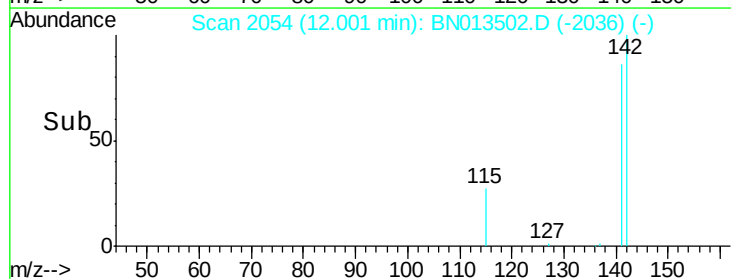
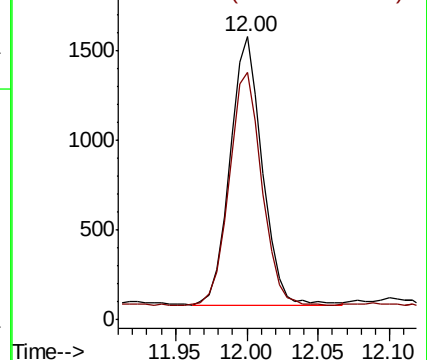
142 100

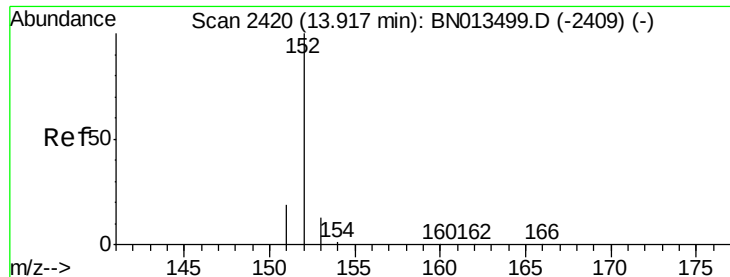
141 89.0 70.6 106.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.348 ng/ul

RT: 13.92 min Scan# 2420

Delta R.T. 0.00 min

Lab File: BN013502.D

Acq: 27 Jan 2021 11:47

Instrument :

BNA_N

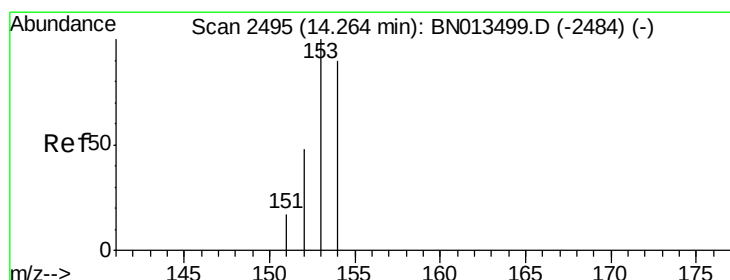
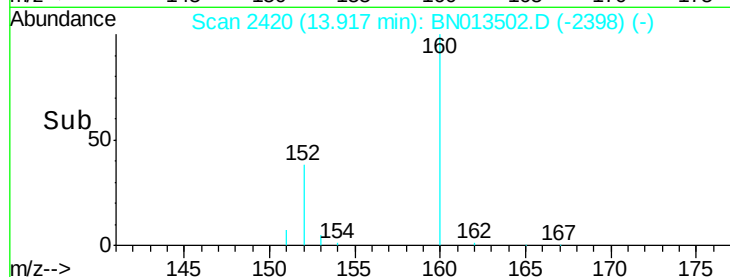
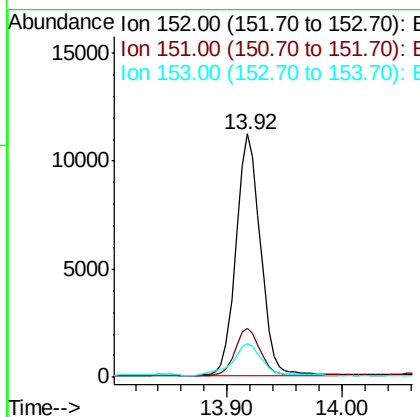
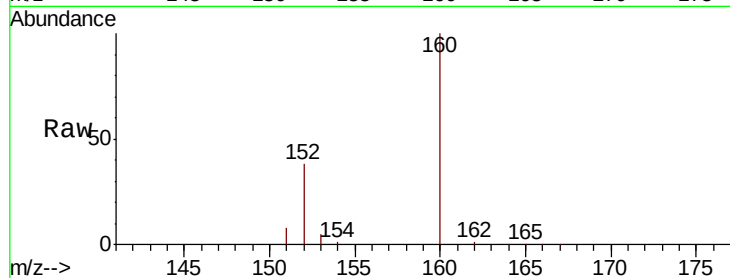
ClientSampled :

F1C14

Tot Ion:	152	Resp:	16535
Ion Ratio	Lower	Upper	
152	100		
151	20.3	16.1	24.1
153	13.7	10.7	16.1

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#8

Acenaphthene

Concen: 0.156 ng/ul

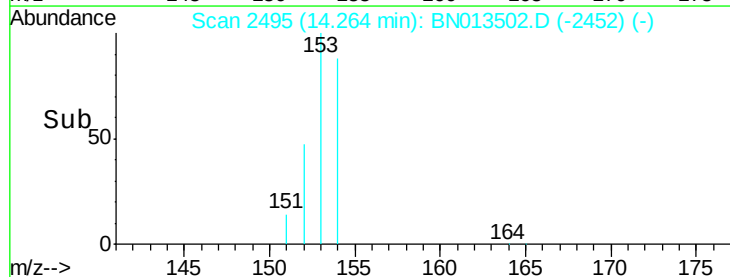
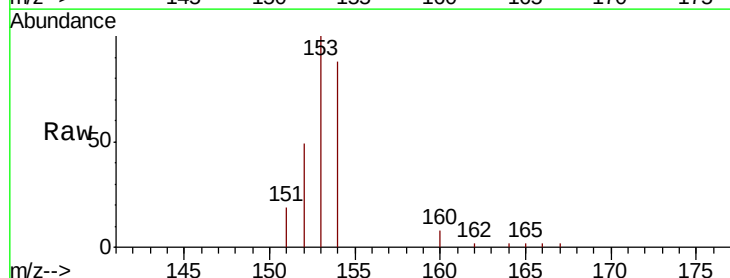
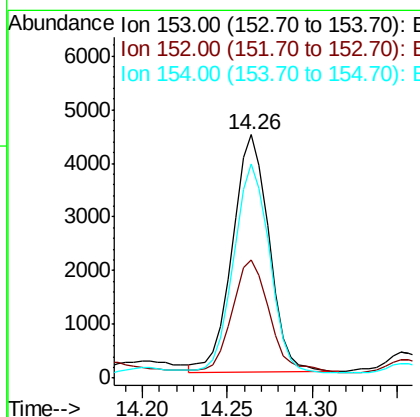
RT: 14.26 min Scan# 2495

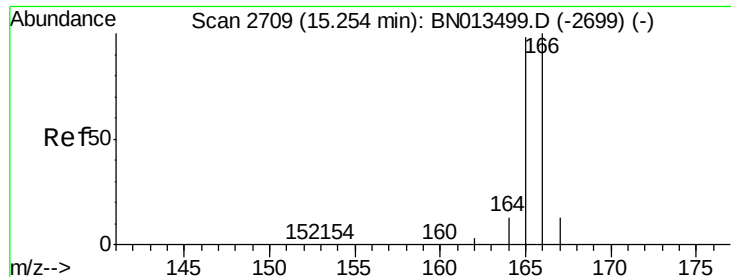
Delta R.T. 0.00 min

Lab File: BN013502.D

Acq: 27 Jan 2021 11:47

Tgt Ion:	153	Resp:	6624
Ion Ratio	Lower	Upper	
153	100		
152	48.6	39.5	59.3
154	88.0	70.6	105.8





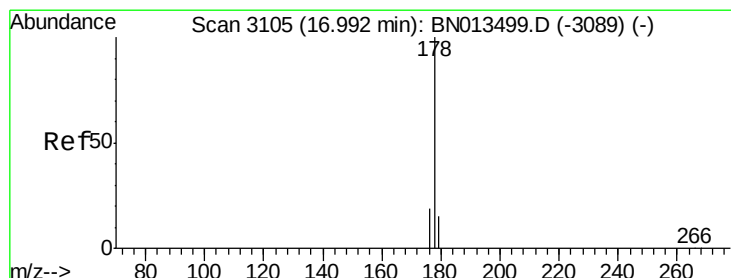
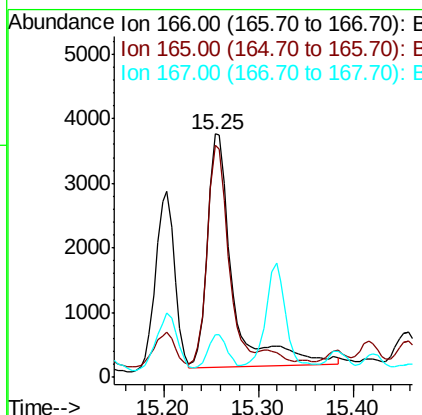
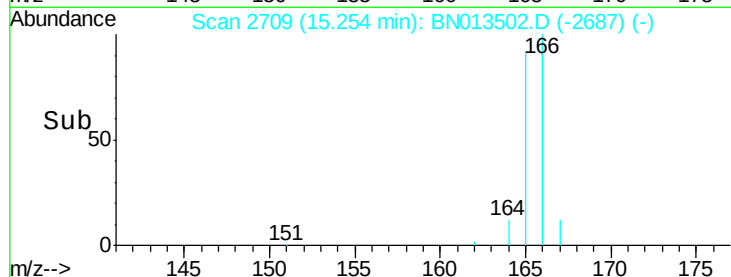
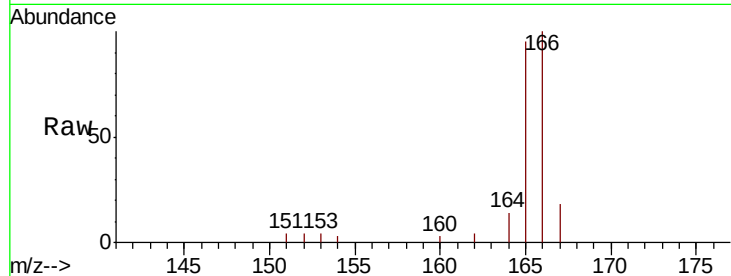
#9
Fluorene
 Concen: 0.143 ng/ul
 RT: 15.25 min Scan# 2709
 Delta R.T. 0.00 min
 Lab File: BN013502.D
 Acq: 27 Jan 2021 11:47

Instrument :
 BNA_N
 ClientSampleID :
 F1C14

Tot Ion	Ratio	Lower	Upper
166	100		
165	95.1	78.7	118.1
167	17.6	11.3	16.9#

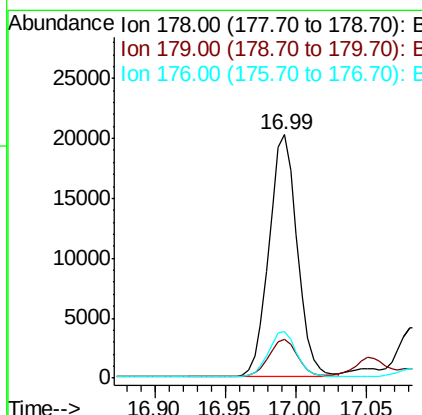
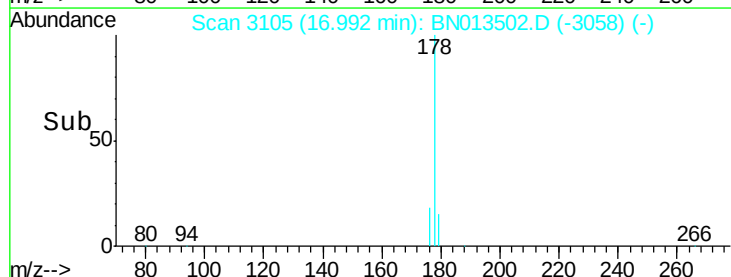
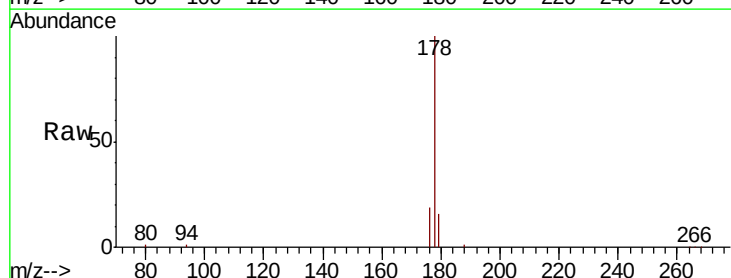
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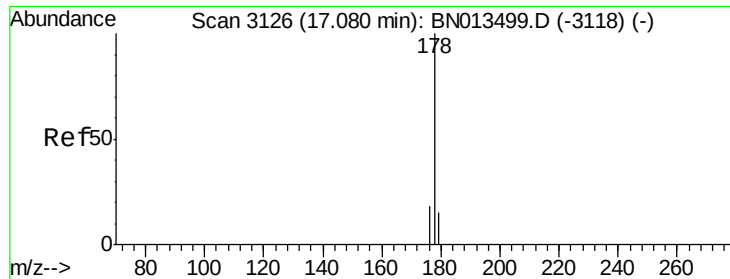
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#12
Phenanthrene
 Concen: 0.363 ng/ul
 RT: 16.99 min Scan# 3105
 Delta R.T. 0.00 min
 Lab File: BN013502.D
 Acq: 27 Jan 2021 11:47

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.5	18.7
176	18.9	15.6	23.4





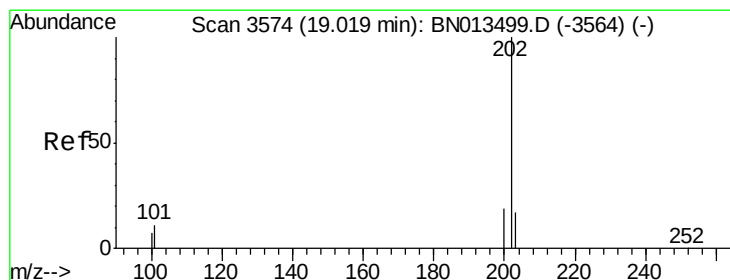
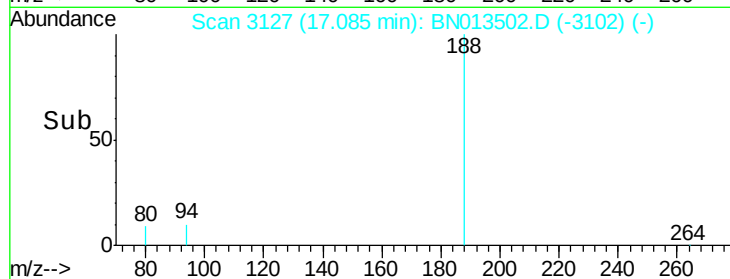
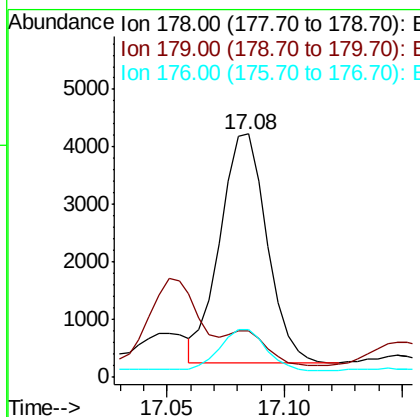
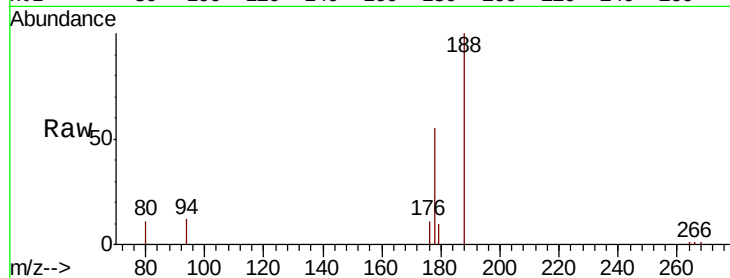
#13
 Anthracene
 Concen: 0.087 ng/ul
 RT: 17.08 min Scan# 3127
 Delta R.T. 0.00 min
 Lab File: BN013502.D
 Acq: 27 Jan 2021 11:47

Instrument :
 BNA_N
 ClientSampleId :
 F1C14

Tot Ion	Ratio	Lower	Upper
178	100		
179	19.1	12.6	19.0#
176	19.4	15.0	22.4

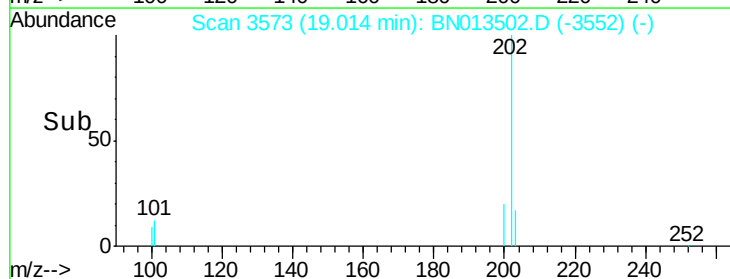
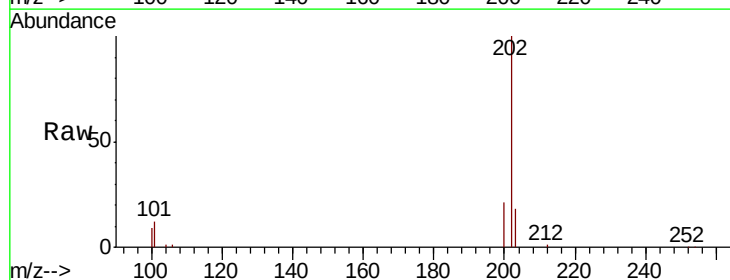
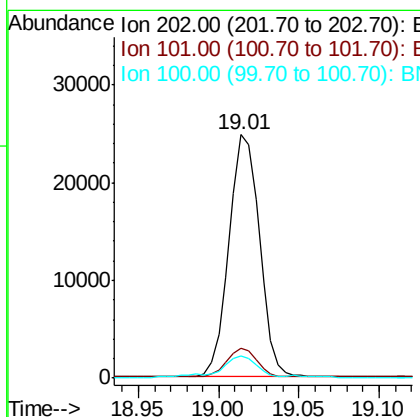
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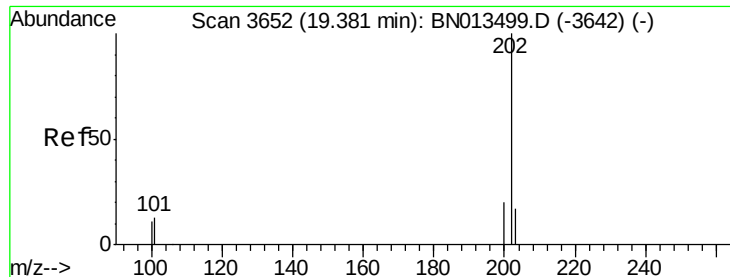
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#15
 Fluoranthene
 Concen: 0.383 ng/ul
 RT: 19.01 min Scan# 3573
 Delta R.T. -0.00 min
 Lab File: BN013502.D
 Acq: 27 Jan 2021 11:47

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	31.6
100	9.0	0.0	28.5





#17

Pvrene

Concen: 0.695 ng/ul

RT: 19.38 min Scan# 3652

Delta R.T. 0.00 min

Lab File: BN013502.D

Acq: 27 Jan 2021 11:47

Instrument :

BNA_N

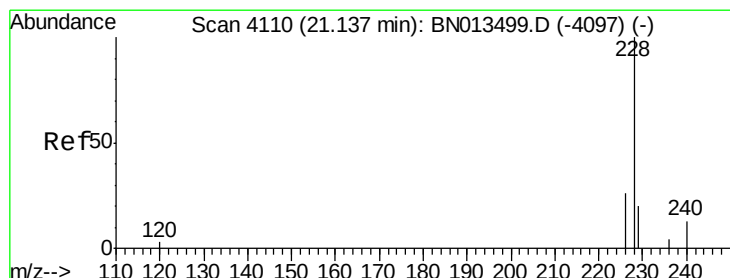
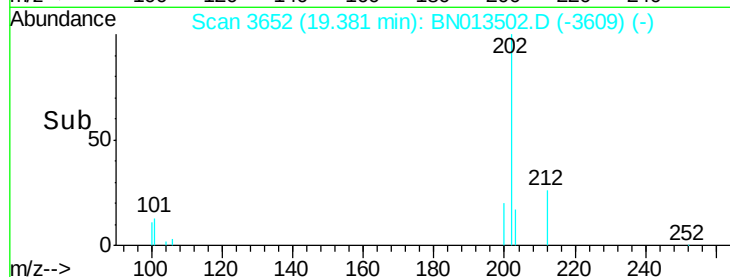
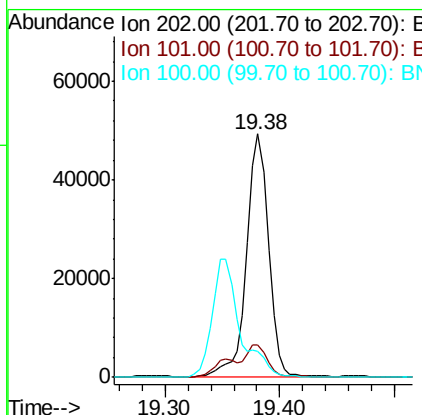
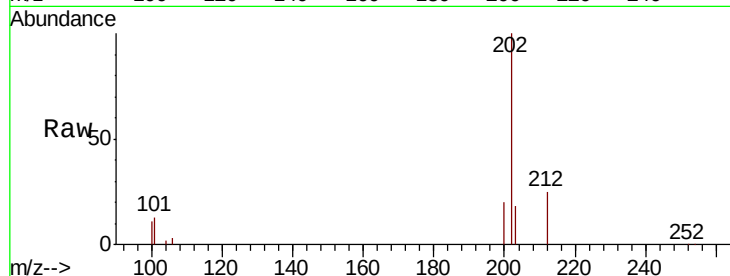
ClientSampleId :

F1C14

Tot Ion:	202	Resp:	65111
Ion Ratio	Lower	Upper	
202	100		
101	13.3	11.2	16.8
100	10.8	9.0	13.4

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#18

Benzo(a)anthracene

Concen: 0.060 ng/ul

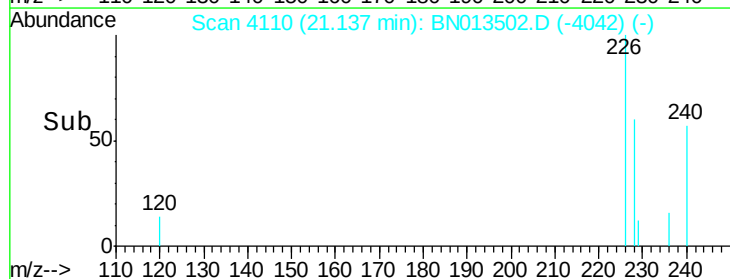
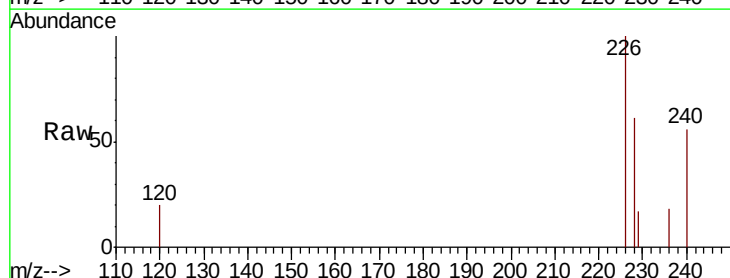
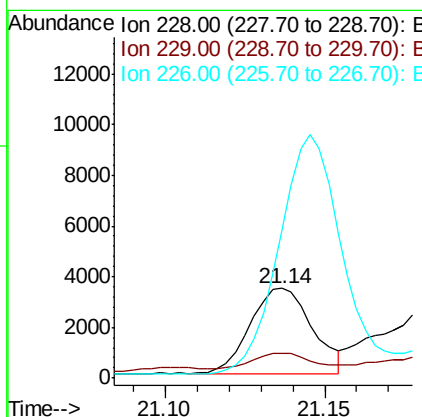
RT: 21.14 min Scan# 4110

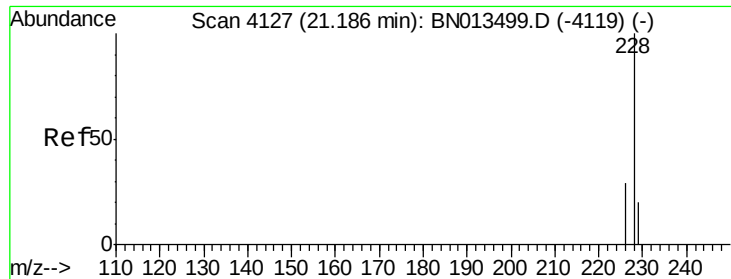
Delta R.T. 0.00 min

Lab File: BN013502.D

Acq: 27 Jan 2021 11:47

Tgt Ion:	228	Resp:	4527
Ion Ratio	Lower	Upper	
228	100		
229	28.3	15.6	23.4#
226	165.1	21.9	32.9#





#19

Chrysene

Concen: 0.070 ng/ul

RT: 21.19 min Scan# 4127

Delta R.T. 0.00 min

Lab File: BN013502.D

Acq: 27 Jan 2021 11:47

Instrument :

BNA_N

ClientSampleId :

F1C14

Tot Ion:228 Resp: 6578

Ion Ratio Lower Upper

228 100

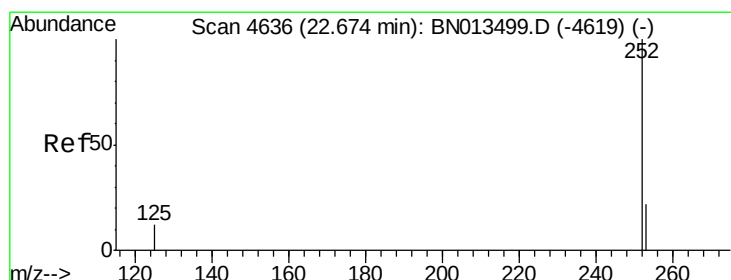
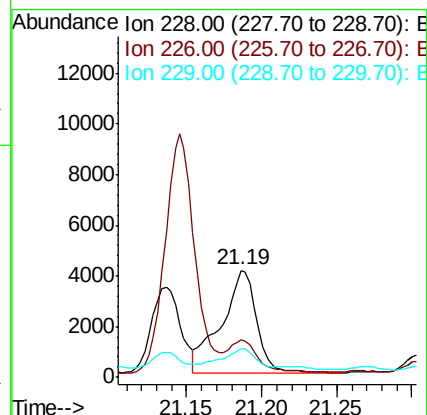
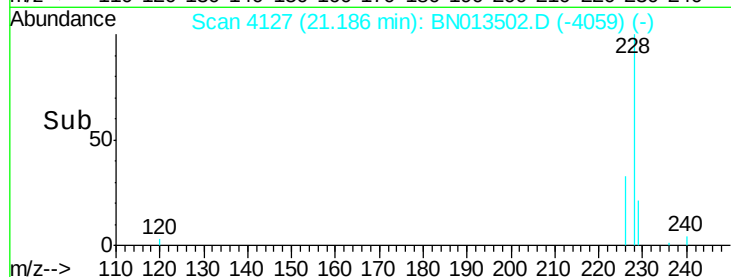
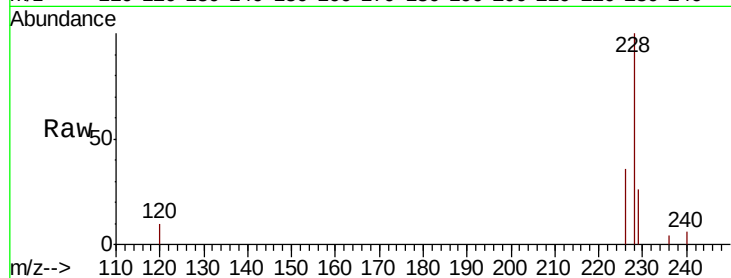
226 35.7 24.0 36.0

229 26.2 15.8 23.8#

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#21

Benzo(b)fluoranthene

Concen: 0.089 ng/ul m

RT: 22.68 min Scan# 4637

Delta R.T. 0.00 min

Lab File: BN013502.D

Acq: 27 Jan 2021 11:47

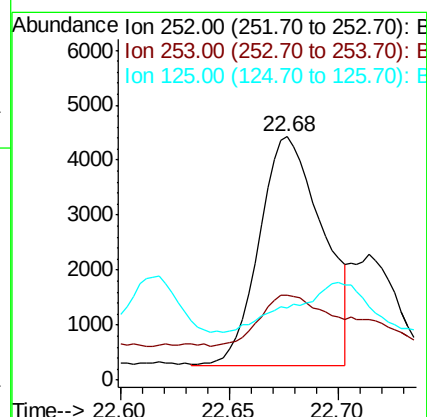
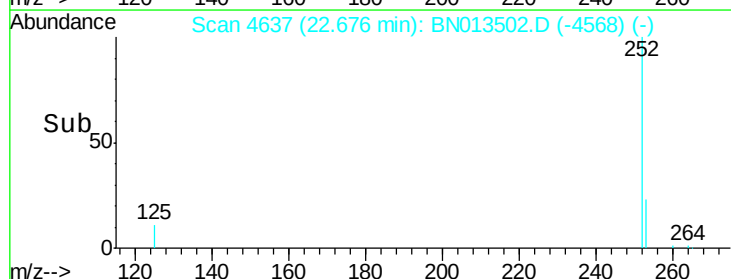
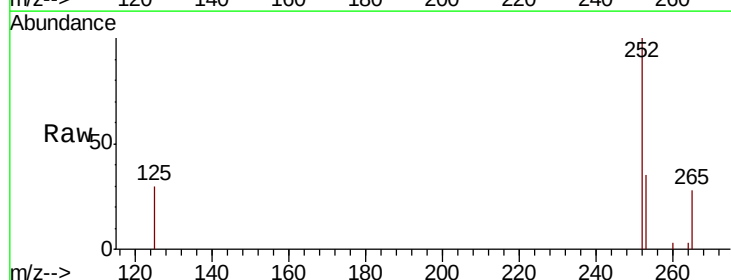
Tgt Ion:252 Resp: 8410

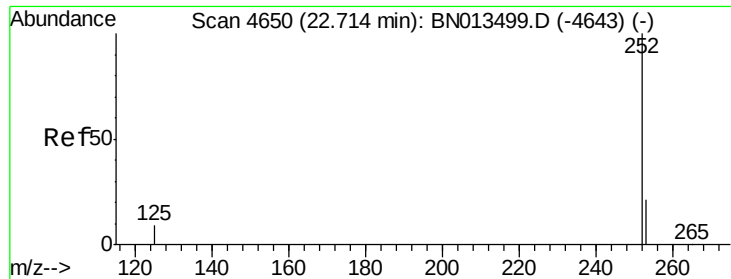
Ion Ratio Lower Upper

252 100

253 34.7 0.0 47.4

125 29.6 0.0 26.8#





#22

Benzo(k)fluoranthene

Concen: 0.031 ng/ul

RT: 22.71 min Scan# 4650

Delta R.T. 0.00 min

Lab File: BN013502.D

Acq: 27 Jan 2021 11:47

Instrument :

BNA_N

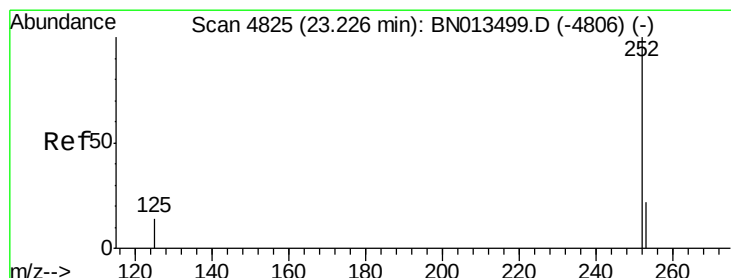
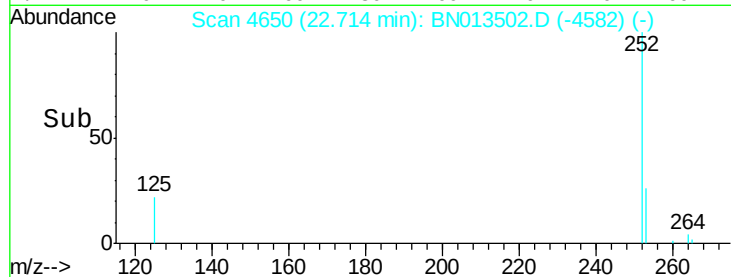
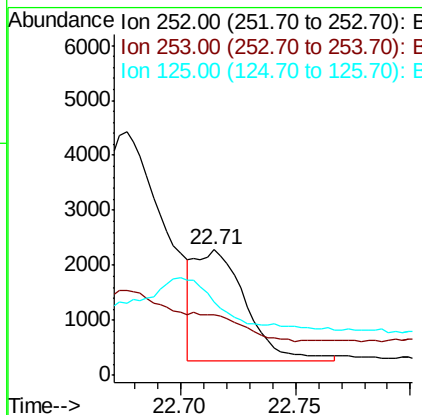
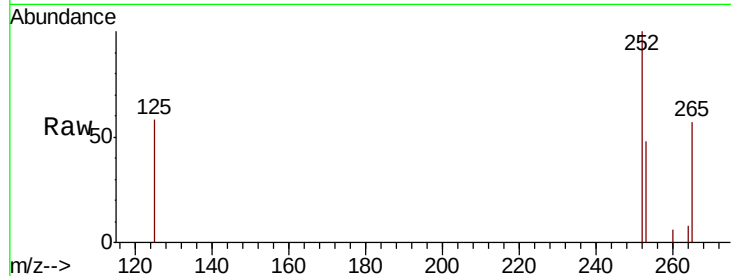
ClientSampled :

F1C14

Tot Ion	Ratio	Lower	Upper
252	100		
253	47.8	19.2	28.8#
125	58.3	11.4	17.2#

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#23

Benzo(a)pyrene

Concen: 0.086 ng/ul

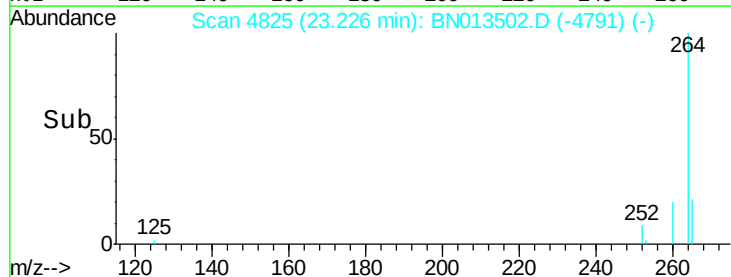
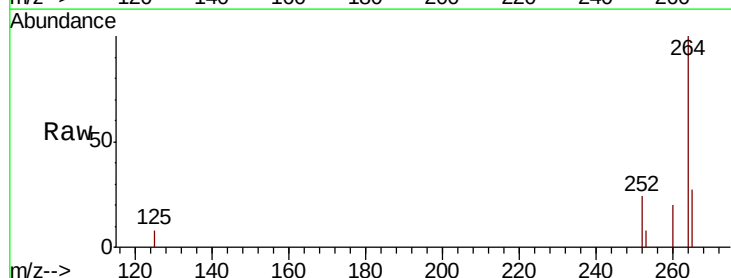
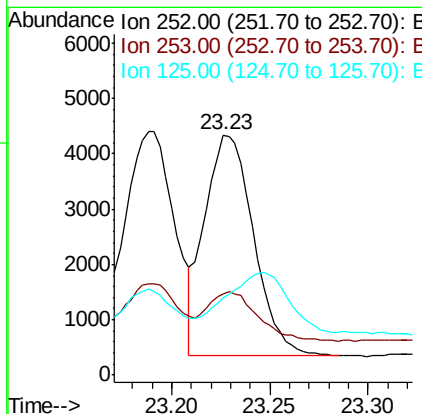
RT: 23.23 min Scan# 4825

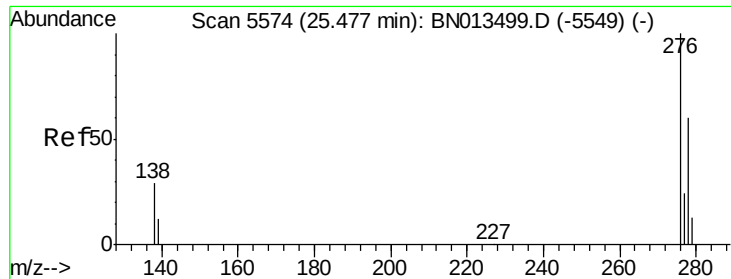
Delta R.T. 0.00 min

Lab File: BN013502.D

Acq: 27 Jan 2021 11:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	34.0	20.1	30.1#
125	32.0	13.1	19.7#





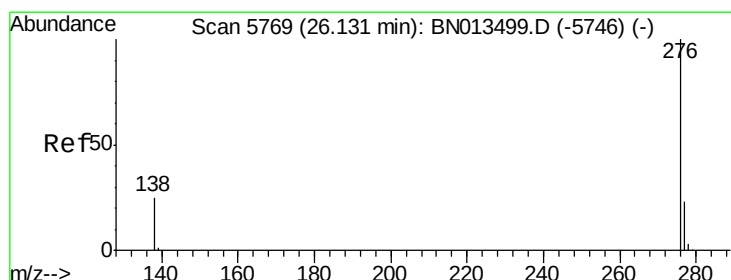
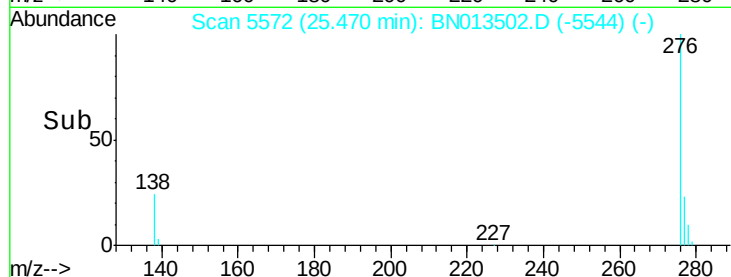
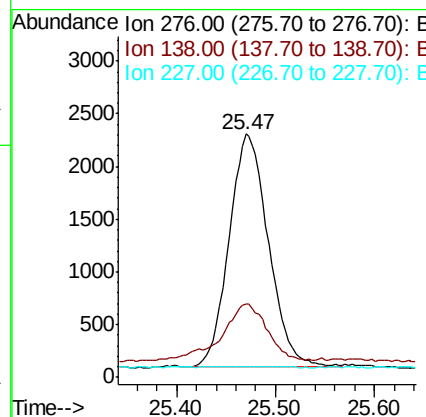
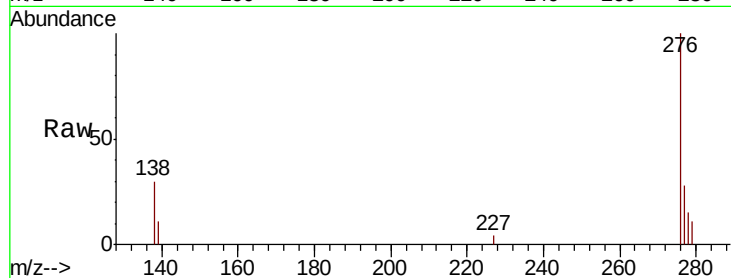
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.057 ng/ul
 RT: 25.47 min Scan# 5572
 Delta R.T. -0.01 min
 Lab File: BN013502.D
 Acq: 27 Jan 2021 11:47

Instrument :
 BNA_N
 ClientSampleId :
 F1C14

Tot Ion	Ratio	Resp	Lower	Upper
276	100	6096		
138	27.5	0.0	0.0	0.0
227	0.1	0.0	0.0	0.0

Manual Integrations
 APPROVED

mohammad
 1/28/2021 11:43:58 AM



#26
 Benzo(g,h,i)perylene
 Concen: 0.132 ng/ul
 RT: 26.13 min Scan# 5769
 Delta R.T. 0.00 min
 Lab File: BN013502.D
 Acq: 27 Jan 2021 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	12481		
138	28.1	21.0	31.4	
277	25.5	19.5	29.3	

