

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051822\
 Data File : BN019826.D
 Acq On : 18 May 2022 12:08
 Operator : CG/JU
 Sample : PB144854BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS854

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/19/2022
 Supervised By :mohammad ahmed 05/25/2022

Quant Time: May 19 03:19:15 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 01:41:05 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	4162	0.400	ng/ul	0.00
4) Naphthalene-d8	10.634	136	13146	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.469	164	7913	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.213	188	17811	0.400	ng/ul	0.00
17) Chrysene-d12	21.403	240	15845	0.400	ng/ul	0.00
23) Perylene-d12	23.747	264	12969	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.315	96	3034m	0.616	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.223	152	7111	0.357	ng/ul	-0.01
18) Fluoranthene-d10	19.244	212	17039	0.340	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.344	88	7760m	1.484	ng/ul	
5) Naphthalene	10.683	128	12895	0.303	ng/ul	100
7) 2-Methylnaphthalene	12.300	142	8475	0.327	ng/ul#	100
8) 1-Methylnaphthalene	12.514	142	8492	0.354	ng/ul#	100
10) Acenaphthylene	14.192	152	11454	0.293	ng/ul	99
11) Acenaphthene	14.534	153	9386	0.298	ng/ul	99
12) Fluorene	15.520	166	10775	0.312	ng/ul	99
14) Pentachlorophenol	16.867	266	829	0.216	ng/ul	90
15) Phenanthrene	17.251	178	19811	0.302	ng/ul	99
16) Anthracene	17.344	178	16096	0.301	ng/ul	99
19) Fluoranthene	19.271	202	22370	0.308	ng/ul	99
20) Pyrene	19.634	202	22269	0.308	ng/ul	97
21) Benzo(a)anthracene	21.388	228	18860	0.318	ng/ul	99
22) Chrysene	21.441	228	23460	0.336	ng/ul	99
24) Benzo(b)fluoranthene	23.033	252	21475	0.326	ng/ul	92
25) Benzo(k)fluoranthene	23.080	252	22195m	0.350	ng/ul	
26) Benzo(a)pyrene	23.641	252	18508	0.330	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	26.151	276	20925	0.299	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.164	278	17287	0.296	ng/ul#	81
29) Benzo(g,h,i)perylene	26.885	276	17587	0.275	ng/ul	96

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

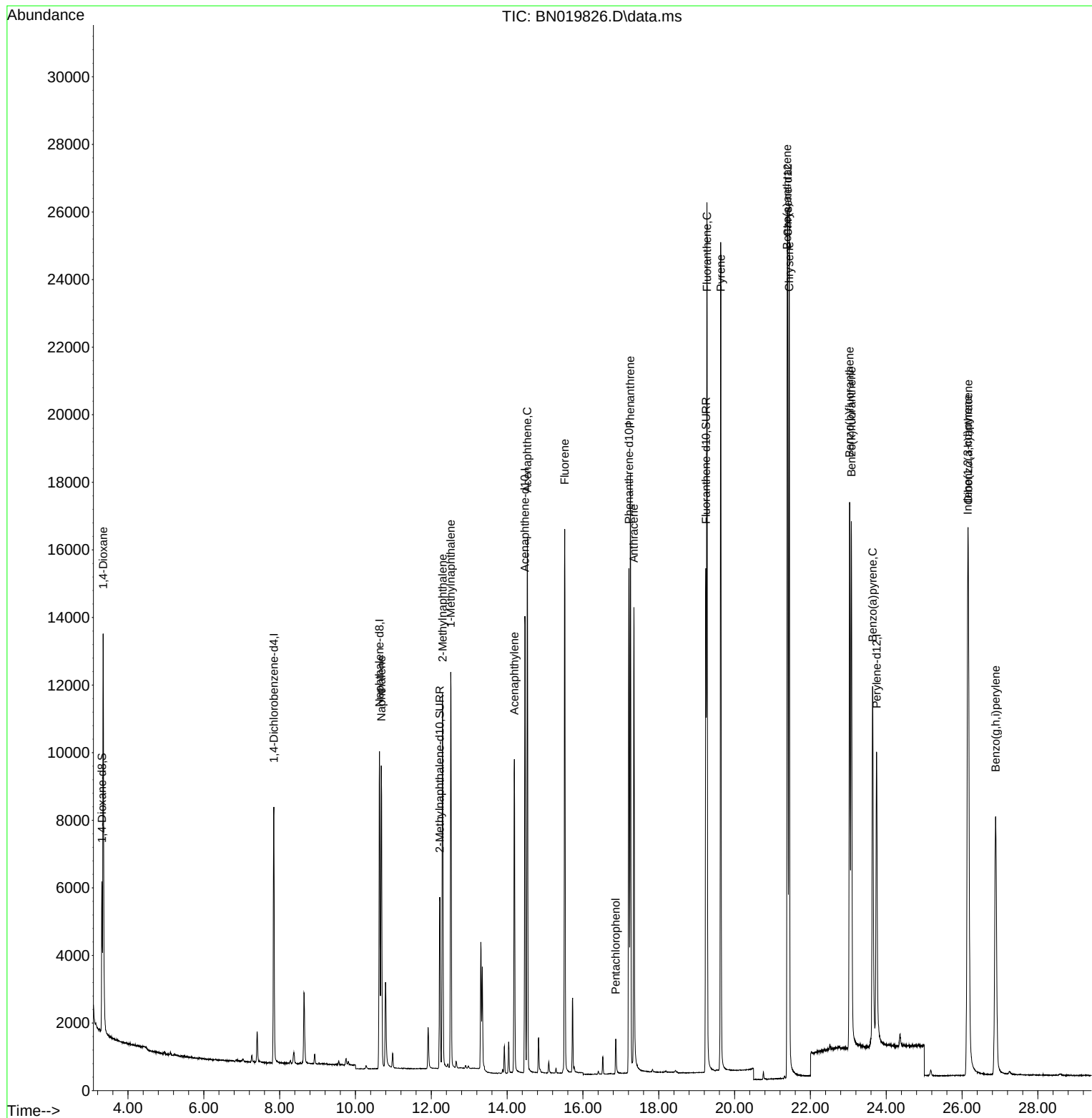
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051822\
 Data File : BN019826.D
 Acq On : 18 May 2022 12:08
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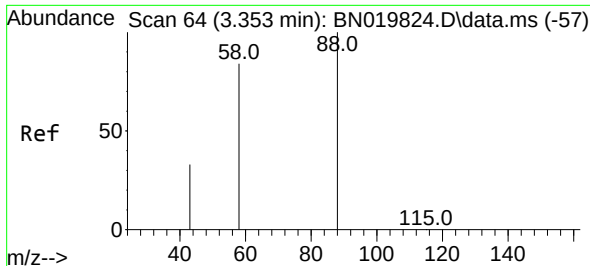
Instrument :
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 Supervised By :mohammad ahmed 05/25/2022

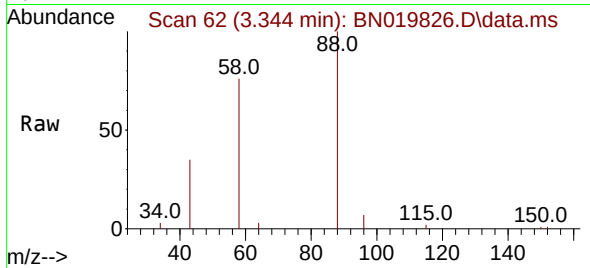
Quant Time: May 19 03:19:15 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 01:41:05 2022
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#2
1,4-Dioxane
Concen: 1.484 ng/ul m
RT: 3.344 min Scan# 61
Delta R.T. -0.013 min
Lab File: BN019826.D
Acq: 18 May 2022 12:08

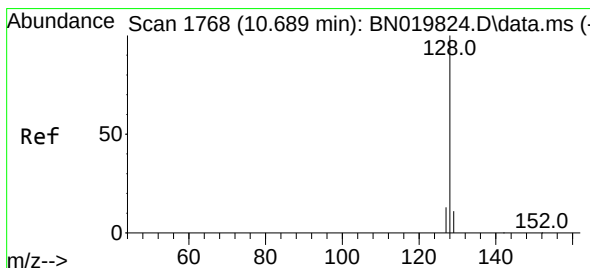
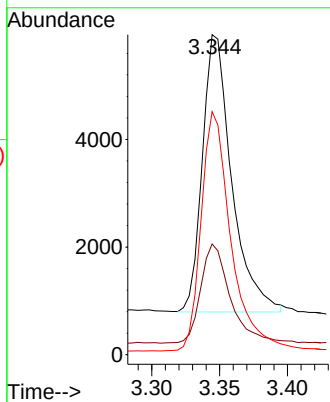
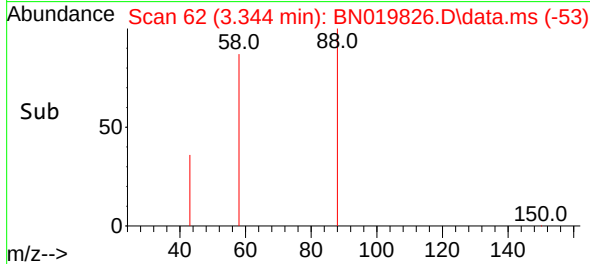
Instrument :
BNA_N
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SLCS854



Tgt Ion: 88 Resp: 7760
Ion Ratio Lower Upper
88 100
43 34.6 39.0 58.4
58 76.0 39.8 59.8

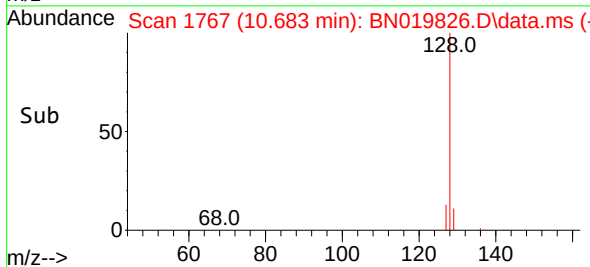
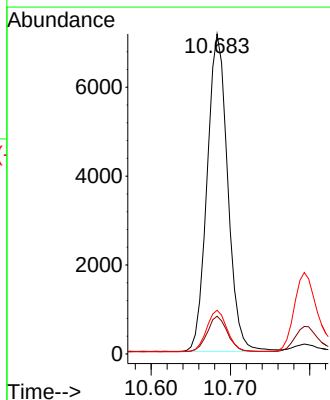
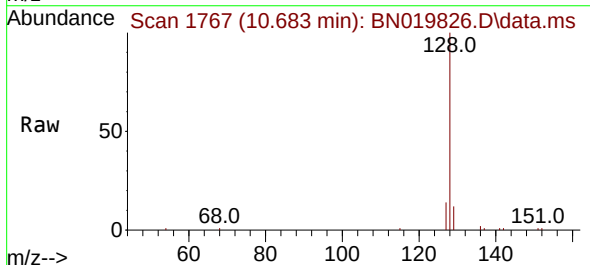
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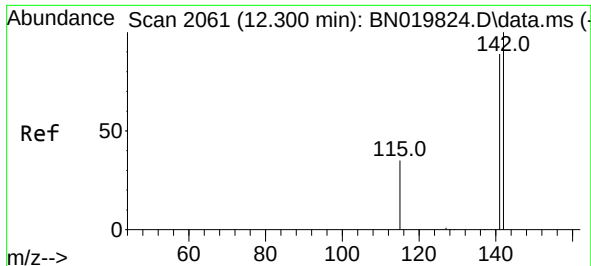
Reviewed By :Jagrut Upadhyay 05/19/2022
Supervised By :mohammad ahmed 05/25/2022



#5
Naphthalene
Concen: 0.303 ng/ul
RT: 10.683 min Scan# 1767
Delta R.T. -0.011 min
Lab File: BN019826.D
Acq: 18 May 2022 12:08

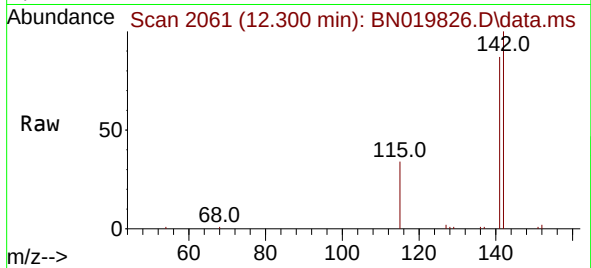
Tgt Ion:128 Resp: 12895
Ion Ratio Lower Upper
128 100
129 11.8 9.5 14.3
127 13.7 11.0 16.4





#7
2-Methylnaphthalene
Concen: 0.327 ng/ul
RT: 12.300 min Scan# 2061
Delta R.T. -0.006 min
Lab File: BN019826.D
Acq: 18 May 2022 12:08

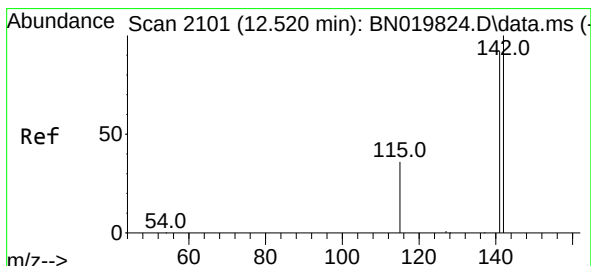
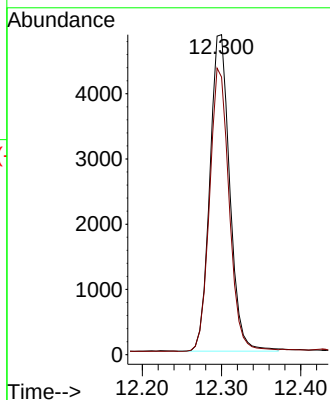
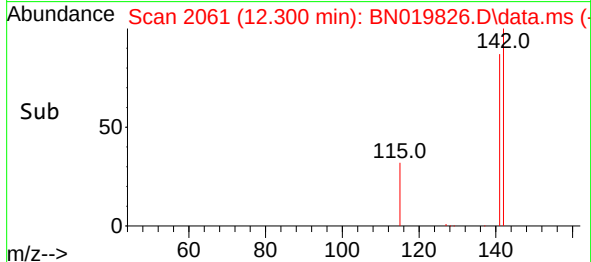
Instrument :
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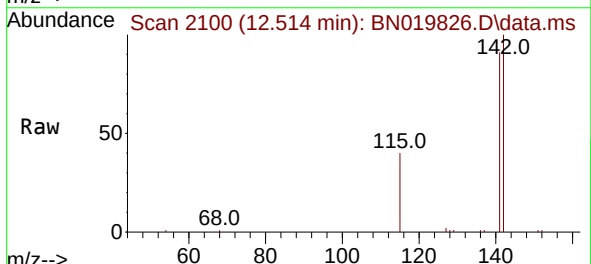
Tgt Ion:142 Resp: 8475
Ion Ratio Lower Upper
142 100
141 88.0 0.0 0.0#

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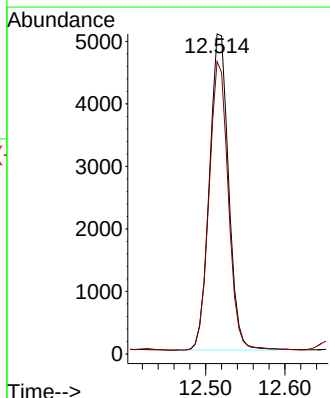
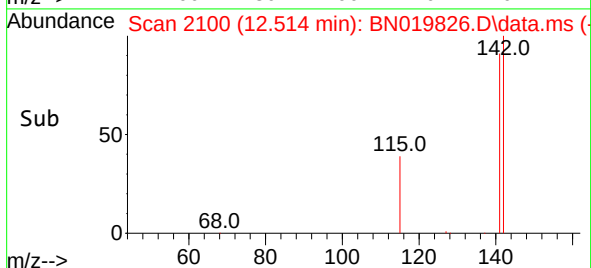
Reviewed By :Jagrut Upadhyay 05/19/2022
Supervised By :mohammad ahmed 05/25/2022

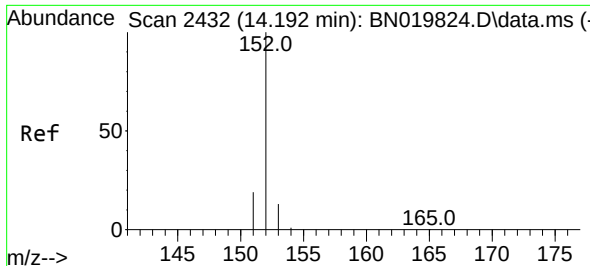


#8
1-Methylnaphthalene
Concen: 0.354 ng/ul
RT: 12.514 min Scan# 2100
Delta R.T. -0.011 min
Lab File: BN019826.D
Acq: 18 May 2022 12:08



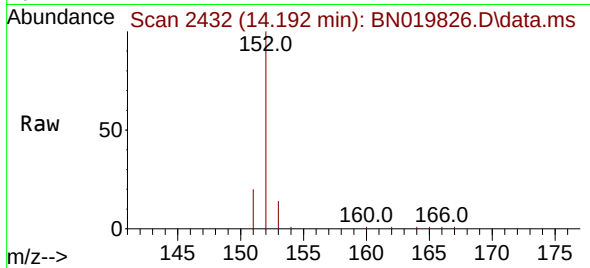
Tgt Ion:142 Resp: 8492
Ion Ratio Lower Upper
142 100
141 91.3 0.0 0.0#





#10
Acenaphthylene
Concen: 0.293 ng/ul
RT: 14.192 min Scan# 2432
Delta R.T. -0.005 min
Lab File: BN019826.D
Acq: 18 May 2022 12:08

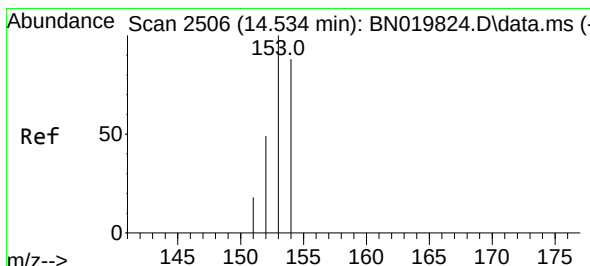
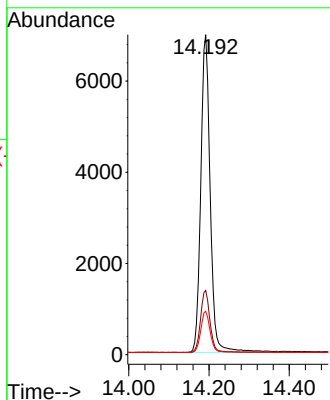
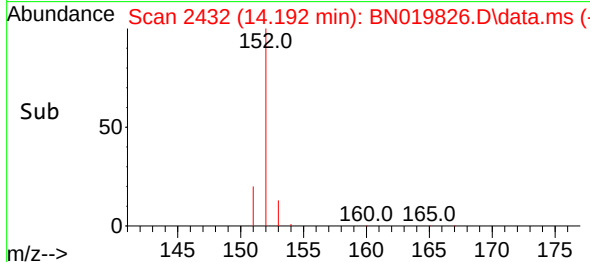
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:152 Resp: 11454
Ion Ratio Lower Upper
152 100
151 20.1 16.3 24.5
153 13.6 11.1 16.7

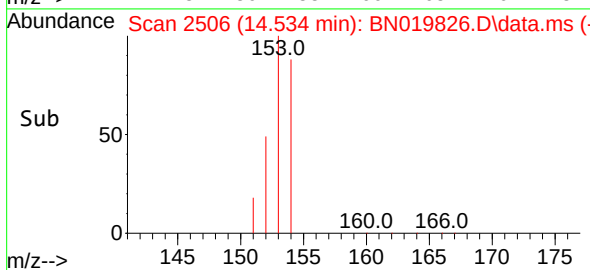
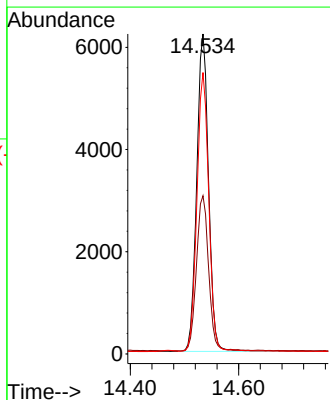
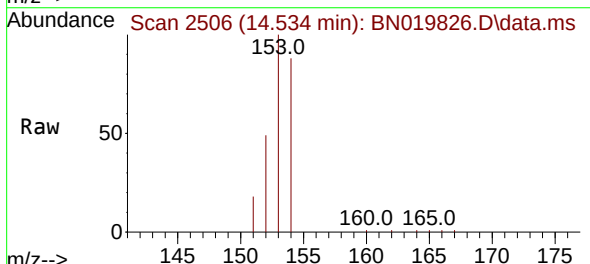
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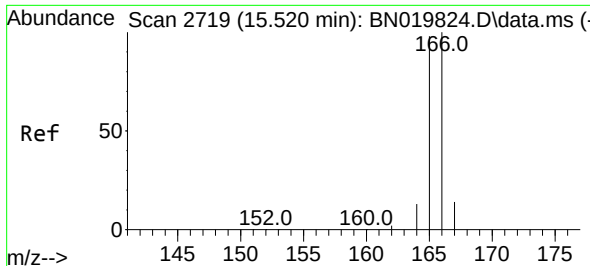
Reviewed By :Jagrut Upadhyay 05/19/2022
Supervised By :mohammad ahmed 05/25/2022



#11
Acenaphthene
Concen: 0.298 ng/ul
RT: 14.534 min Scan# 2506
Delta R.T. -0.005 min
Lab File: BN019826.D
Acq: 18 May 2022 12:08

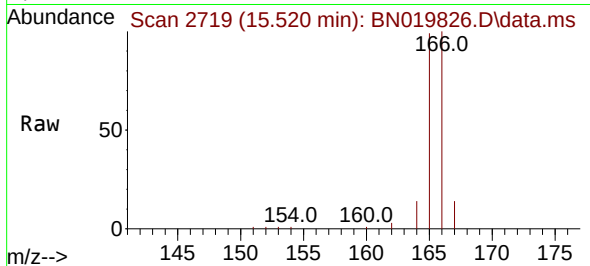
Tgt Ion:153 Resp: 9386
Ion Ratio Lower Upper
153 100
152 49.4 38.6 57.8
154 87.9 71.2 106.8





#12
Fluorene
Concen: 0.312 ng/ul
RT: 15.520 min Scan# 2719
Delta R.T. -0.005 min
Lab File: BN019826.D
Acq: 18 May 2022 12:08

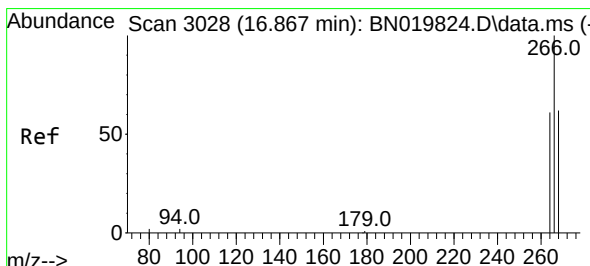
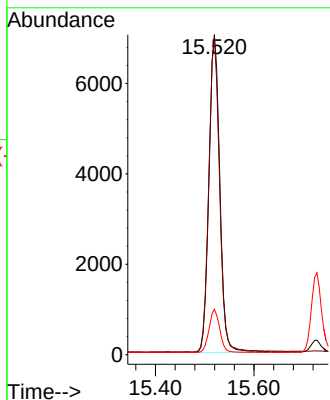
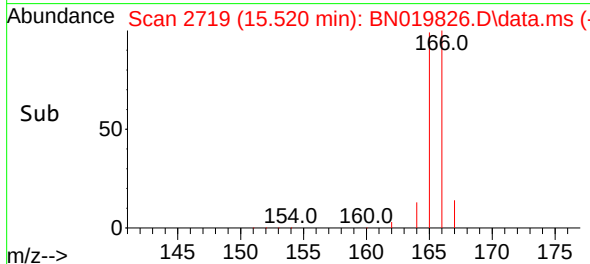
Instrument :
BNA_N
ClientSampleId :
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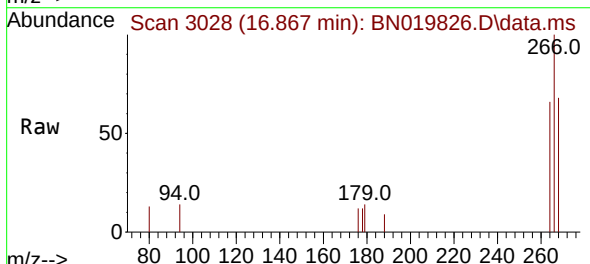
Tgt Ion:166 Resp: 1077
Ion Ratio Lower Upper
166 100
165 98.8 78.2 117.2
167 14.2 11.3 16.9

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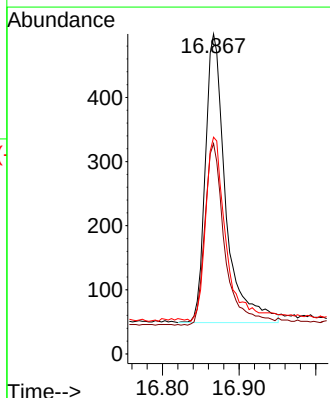
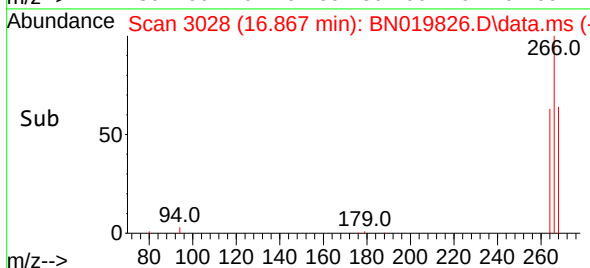
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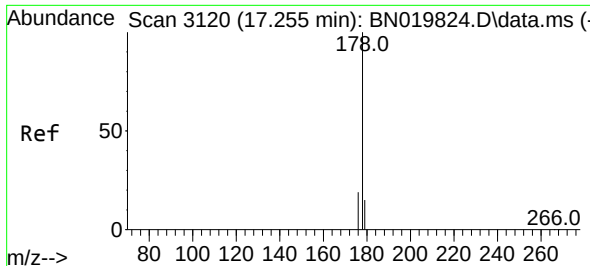


#14
Pentachlorophenol
Concen: 0.216 ng/ul
RT: 16.867 min Scan# 3028
Delta R.T. -0.000 min
Lab File: BN019826.D
Acq: 18 May 2022 12:08



Tgt Ion:266 Resp: 829
Ion Ratio Lower Upper
266 100
264 62.0 44.9 67.3
268 64.8 44.6 67.0





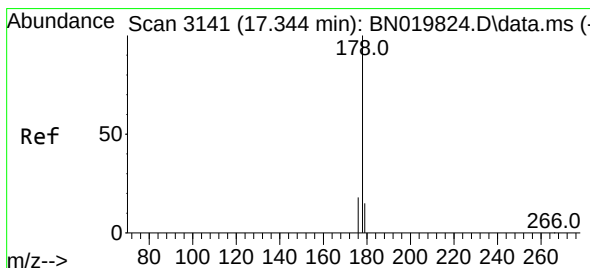
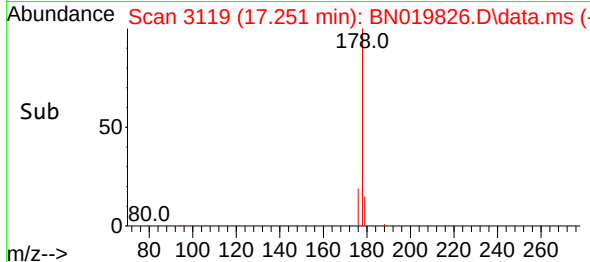
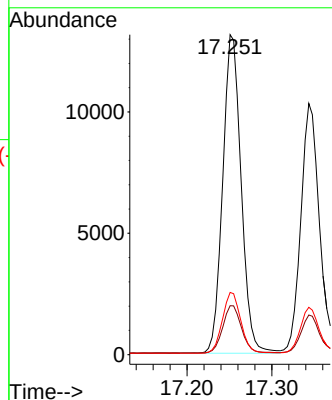
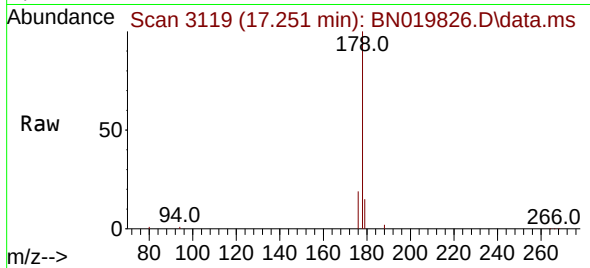
#15
Phenanthrene
Concen: 0.302 ng/ul
RT: 17.251 min Scan# 3119
Delta R.T. -0.004 min
Lab File: BN019826.D
Acq: 18 May 2022 12:08

Instrument :
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ClientSampleId :
SLCS854

Tgt Ion:178 Resp: 1981
Ion Ratio Lower Upper
178 100
179 15.3 12.9 19.3
176 19.5 15.5 23.3

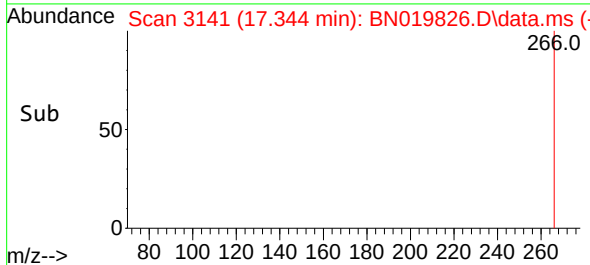
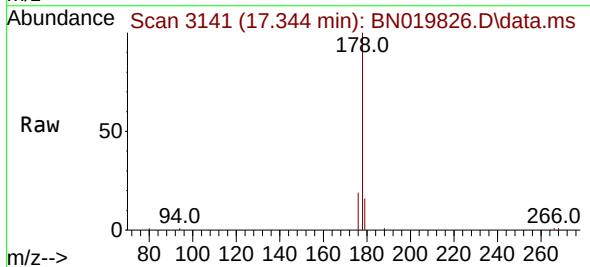
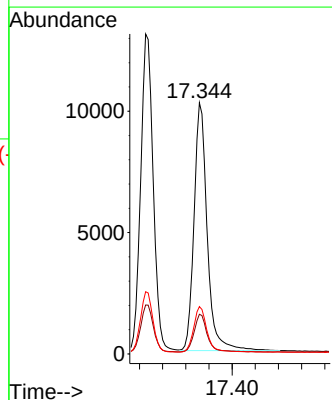
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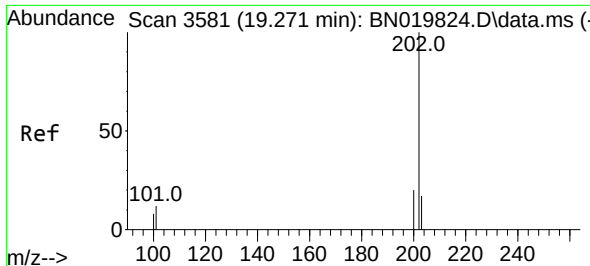
Reviewed By :Jagrut Upadhyay 05/19/2022
Supervised By :mohammad ahmed 05/25/2022



#16
Anthracene
Concen: 0.301 ng/ul
RT: 17.344 min Scan# 3141
Delta R.T. -0.004 min
Lab File: BN019826.D
Acq: 18 May 2022 12:08

Tgt Ion:178 Resp: 16096
Ion Ratio Lower Upper
178 100
179 15.8 13.1 19.7
176 18.8 15.3 22.9





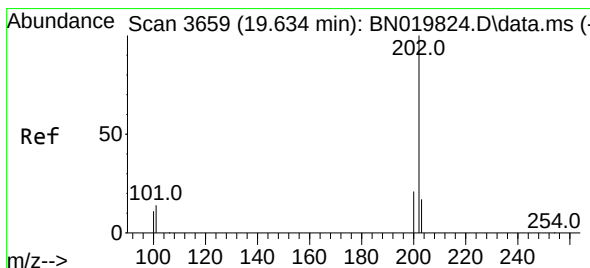
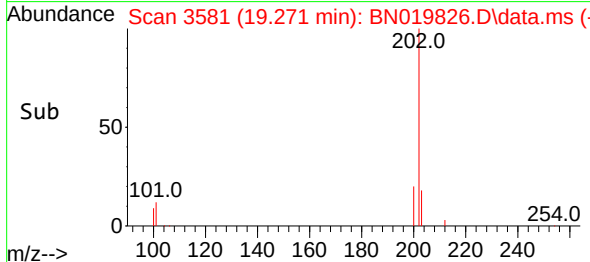
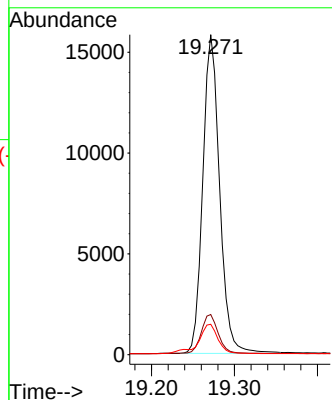
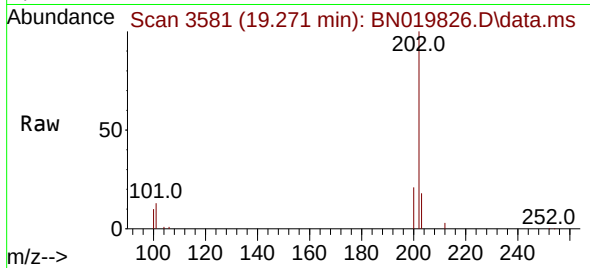
#19
Fluoranthene
Concen: 0.308 ng/ul
RT: 19.271 min Scan# 3581
Delta R.T. -0.000 min
Lab File: BN019826.D
Acq: 18 May 2022 12:08

Instrument :
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ClientSampleId :
SLCS854

Tgt Ion:202 Resp: 22370
Ion Ratio Lower Upper
202 100
101 12.5 9.7 14.5
100 9.5 7.4 11.2

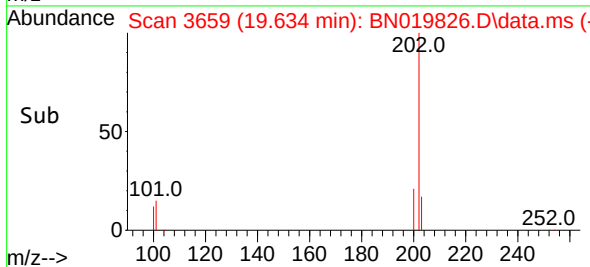
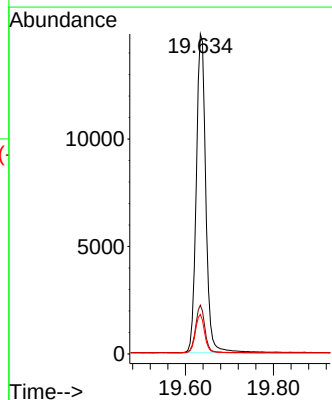
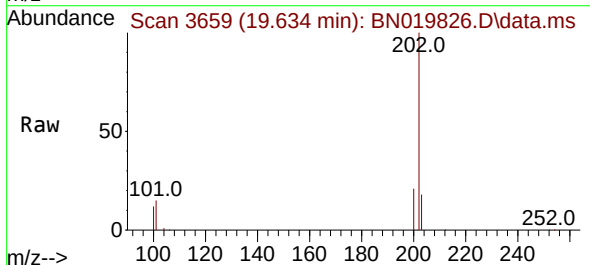
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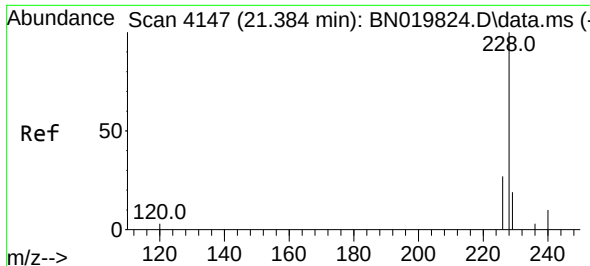
Reviewed By :Jagrut Upadhyay 05/19/2022
Supervised By :mohammad ahmed 05/25/2022



#20
Pyrene
Concen: 0.308 ng/ul
RT: 19.634 min Scan# 3659
Delta R.T. -0.000 min
Lab File: BN019826.D
Acq: 18 May 2022 12:08

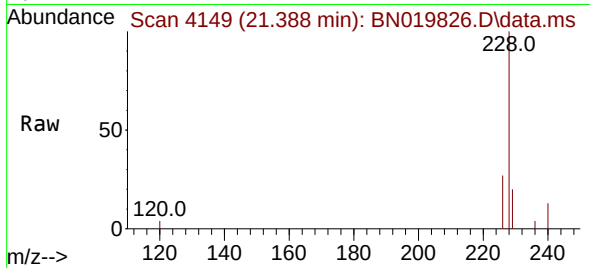
Tgt Ion:202 Resp: 22269
Ion Ratio Lower Upper
202 100
101 15.2 11.4 17.0
100 12.3 9.0 13.4





#21
Benzo(a)anthracene
Concen: 0.318 ng/ul
RT: 21.388 min Scan# 4149
Delta R.T. -0.000 min
Lab File: BN019826.D
Acq: 18 May 2022 12:08

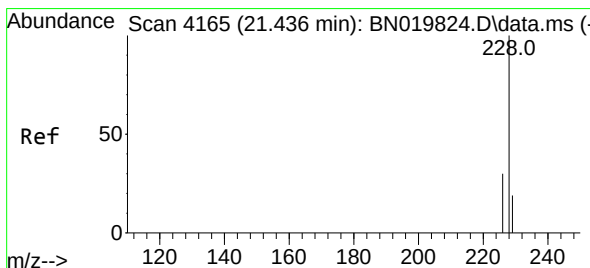
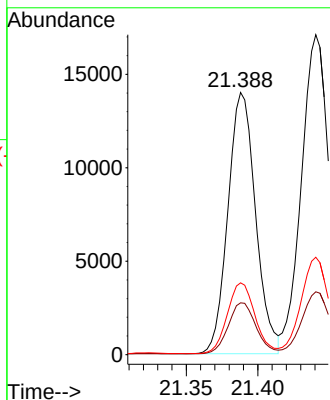
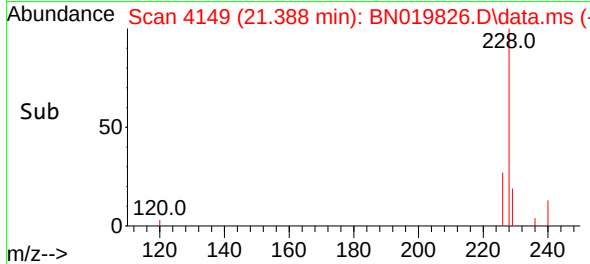
Instrument :
BNA_N
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Tgt Ion:228 Resp: 18860
Ion Ratio Lower Upper
228 100
229 19.7 16.1 24.1
226 27.4 22.1 33.1

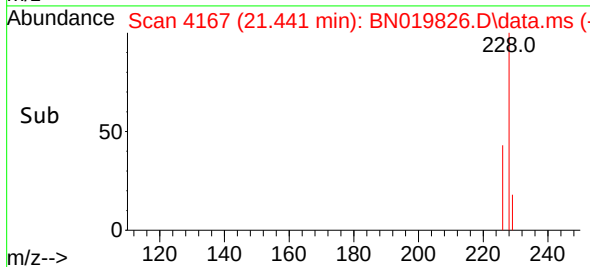
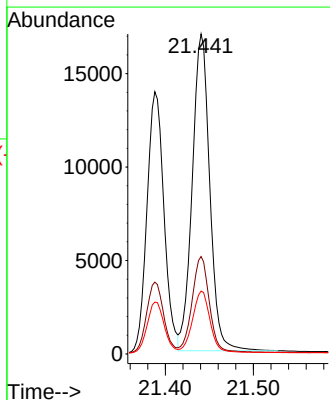
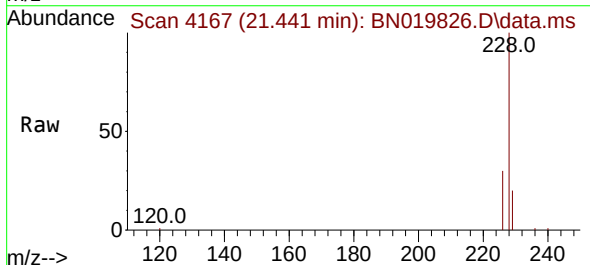
Manual Integrations
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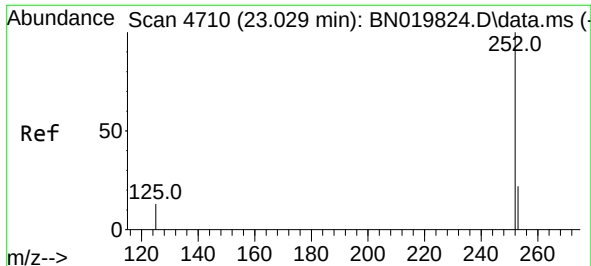
Reviewed By :Jagrut Upadhyay 05/19/2022
Supervised By :mohammad ahmed 05/25/2022



#22
Chrysene
Concen: 0.336 ng/ul
RT: 21.441 min Scan# 4167
Delta R.T. -0.000 min
Lab File: BN019826.D
Acq: 18 May 2022 12:08

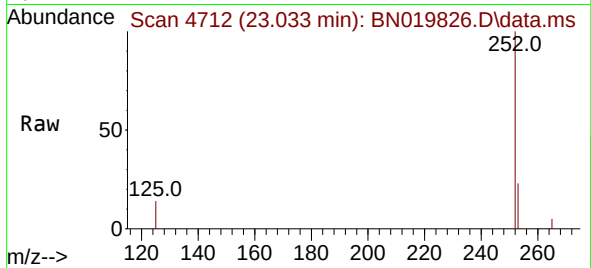
Tgt Ion:228 Resp: 23460
Ion Ratio Lower Upper
228 100
226 30.5 24.2 36.2
229 19.6 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 0.326 ng/ul
RT: 23.033 min Scan# 4712
Delta R.T. -0.000 min
Lab File: BN019826.D
Acq: 18 May 2022 12:08

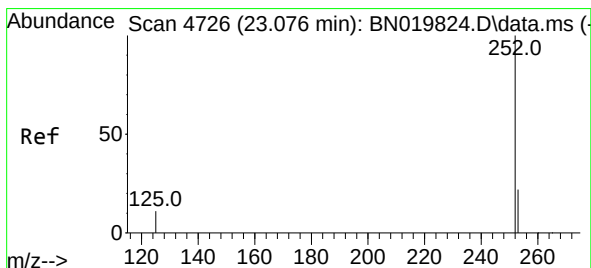
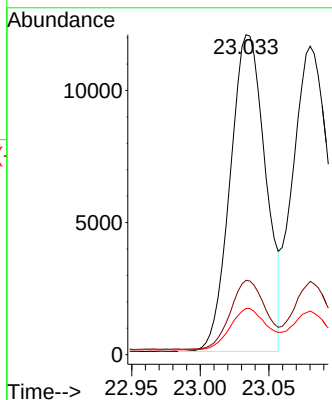
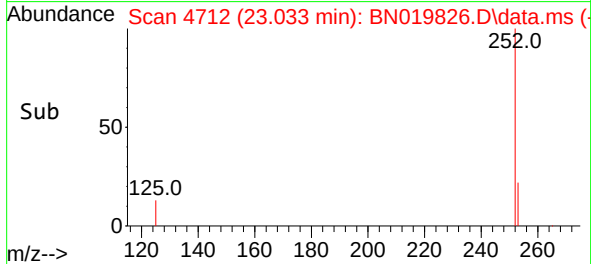
Instrument :
BNA_N
ClientSampleId :
SLCS854



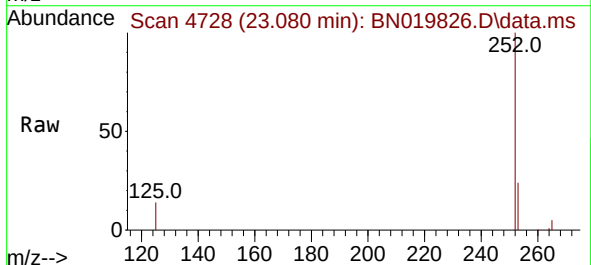
Tgt Ion:252 Resp: 21475
Ion Ratio Lower Upper
252 100
253 23.2 0.0 52.0
125 14.5 0.0 40.2

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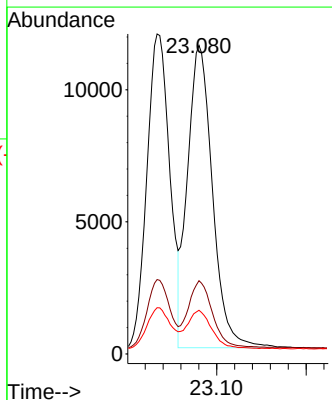
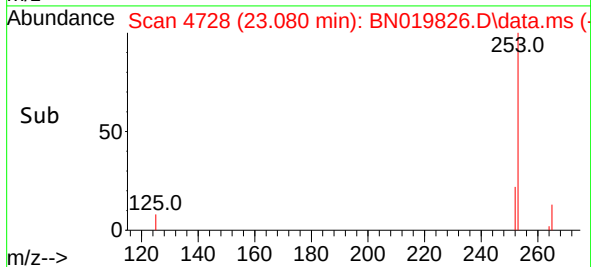
Reviewed By :Jagrut Upadhyay 05/19/2022
Supervised By :mohammad ahmed 05/25/2022

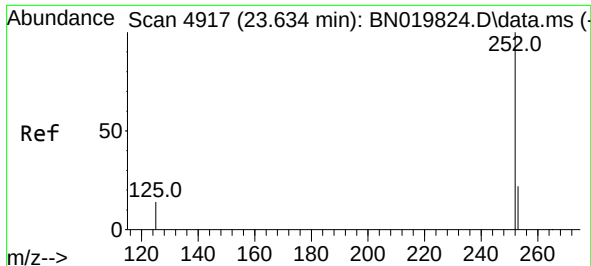


#25
Benzo(k)fluoranthene
Concen: 0.350 ng/ul m
RT: 23.080 min Scan# 4728
Delta R.T. -0.000 min
Lab File: BN019826.D
Acq: 18 May 2022 12:08



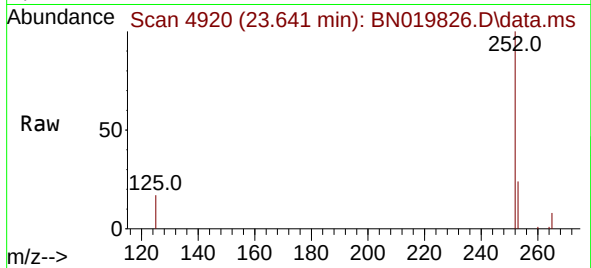
Tgt Ion:252 Resp: 22195
Ion Ratio Lower Upper
252 100
253 23.8 20.2 30.2
125 14.1 11.0 16.6





#26
Benzo(a)pyrene
Concen: 0.330 ng/ul
RT: 23.641 min Scan# 4917
Delta R.T. 0.003 min
Lab File: BN019826.D
Acq: 18 May 2022 12:08

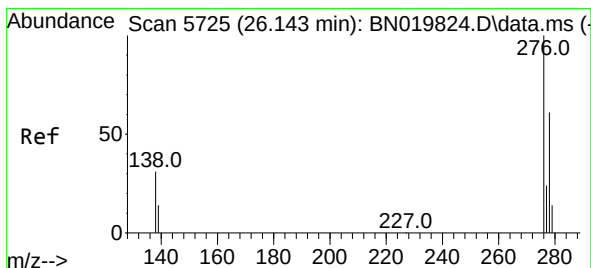
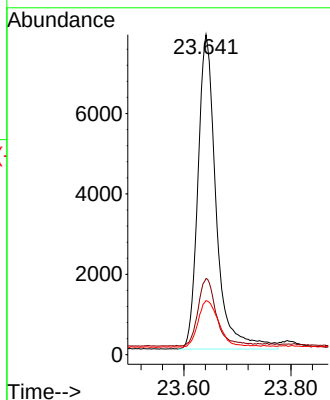
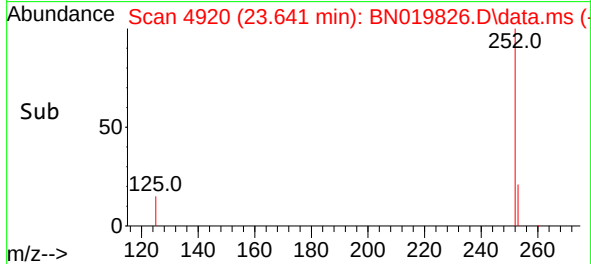
Instrument :
BNA_N
ClientSampleId :
SLCS854



Tgt Ion:252 Resp: 18508
Ion Ratio Lower Upper
252 100
253 23.8 23.4 35.0
125 16.9 28.3 42.5

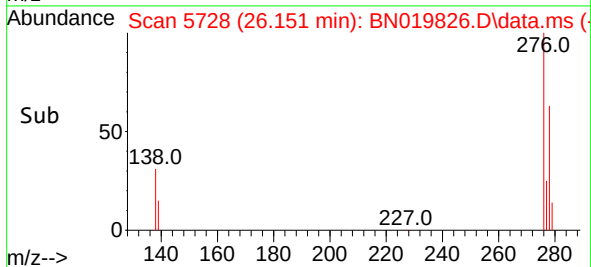
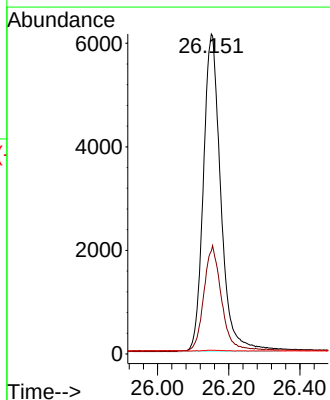
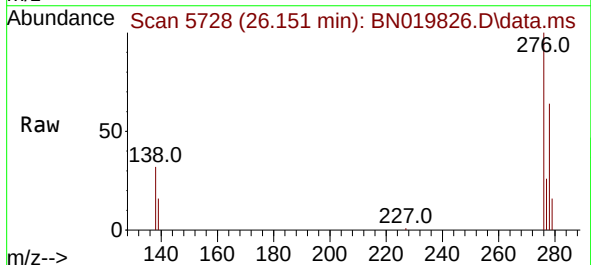
Manual Integrations
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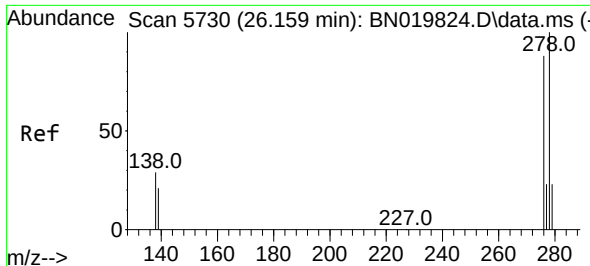
Reviewed By :Jagrut Upadhyay 05/19/2022
Supervised By :mohammad ahmed 05/25/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.299 ng/ul
RT: 26.151 min Scan# 5728
Delta R.T. 0.003 min
Lab File: BN019826.D
Acq: 18 May 2022 12:08

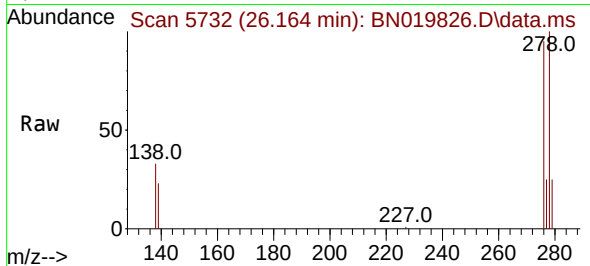
Tgt Ion:276 Resp: 20925
Ion Ratio Lower Upper
276 100
138 33.2 23.6 35.4
227 0.2 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.296 ng/ul
RT: 26.164 min Scan# 5732
Delta R.T. -0.000 min
Lab File: BN019826.D
Acq: 18 May 2022 12:08

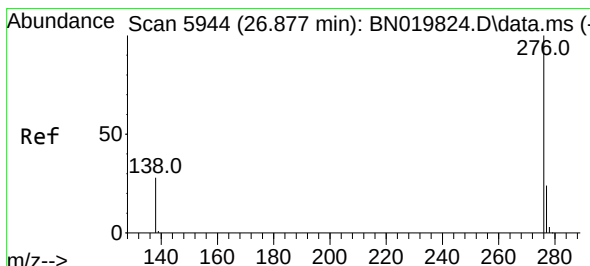
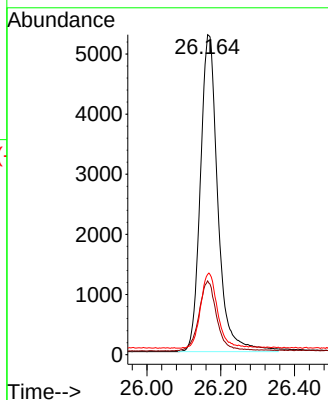
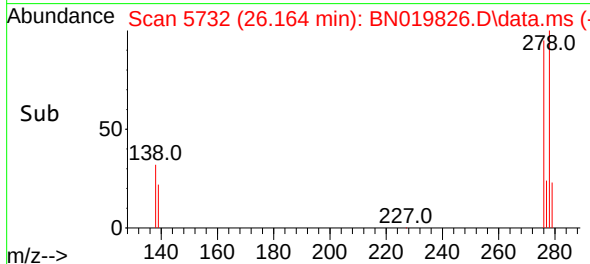
Instrument :
BNA_N
ClientSampleId :
SLCS854



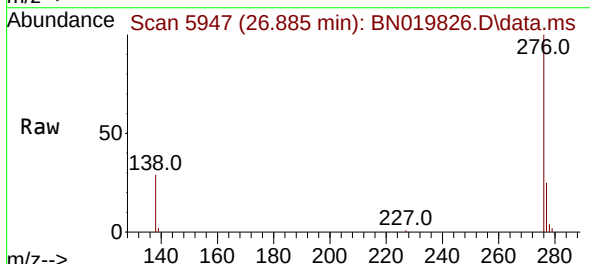
Tgt Ion: 278 Resp: 1728
Ion Ratio Lower Upper
278 100
139 23.0 18.6 28.0
279 25.1 35.1 52.7

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Reviewed By : Jagrut Upadhyay 05/19/2022
Supervised By : mohammad ahmed 05/25/2022



#29
Benzo(g,h,i)perylene
Concen: 0.275 ng/ul
RT: 26.885 min Scan# 5947
Delta R.T. 0.007 min
Lab File: BN019826.D
Acq: 18 May 2022 12:08



Tgt Ion: 276 Resp: 17587
Ion Ratio Lower Upper
276 100
138 29.2 20.9 31.3
277 24.7 20.4 30.6

