

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051622\
 Data File : BN019812.D
 Acq On : 17 May 2022 03:50
 Operator : CG/JU
 Sample : PB144811BS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS811

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/17/2022
 Supervised By :mohammad ahmed 05/18/2022

Quant Time: May 17 04:36:14 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	7.855	152	3878	0.400	ng/ul	0.00
4) Naphthalene-d8	10.639	136	13116	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.474	164	8056	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.213	188	17597	0.400	ng/ul	0.00
17) Chrysene-d12	21.400	240	16965	0.400	ng/ul	0.00
23) Perylene-d12	23.741	264	15597	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	3128m	0.682	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.228	152	8037	0.405	ng/ul	0.00
18) Fluoranthene-d10	19.244	212	18972	0.353	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.353	88	8263m	1.696	ng/ul	
5) Naphthalene	10.689	128	14769	0.348	ng/ul	99
7) 2-Methylnaphthalene	12.300	142	9809	0.379	ng/ul#	100
8) 1-Methylnaphthalene	12.520	142	9860	0.412	ng/ul#	100
10) Acenaphthylene	14.192	152	14029	0.352	ng/ul	100
11) Acenaphthene	14.534	153	11115	0.347	ng/ul	98
12) Fluorene	15.520	166	12688	0.361	ng/ul	98
14) Pentachlorophenol	16.871	266	1220	0.322	ng/ul	91
15) Phenanthrene	17.255	178	22242	0.344	ng/ul	99
16) Anthracene	17.344	178	19048	0.361	ng/ul	99
19) Fluoranthene	19.271	202	25601	0.330	ng/ul	99
20) Pyrene	19.634	202	25997	0.335	ng/ul	99
21) Benzo(a)anthracene	21.385	228	23403	0.369	ng/ul	99
22) Chrysene	21.435	228	26264	0.352	ng/ul	99
24) Benzo(b)fluoranthene	23.028	252	26799	0.339	ng/ul	91
25) Benzo(k)fluoranthene	23.077	252	26144	0.343	ng/ul	98
26) Benzo(a)pyrene	23.639	252	24154	0.358	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	26.144	276	26799	0.319	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.161	278	22176	0.315	ng/ul#	81
29) Benzo(g,h,i)perylene	26.879	276	22086	0.287	ng/ul	96

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

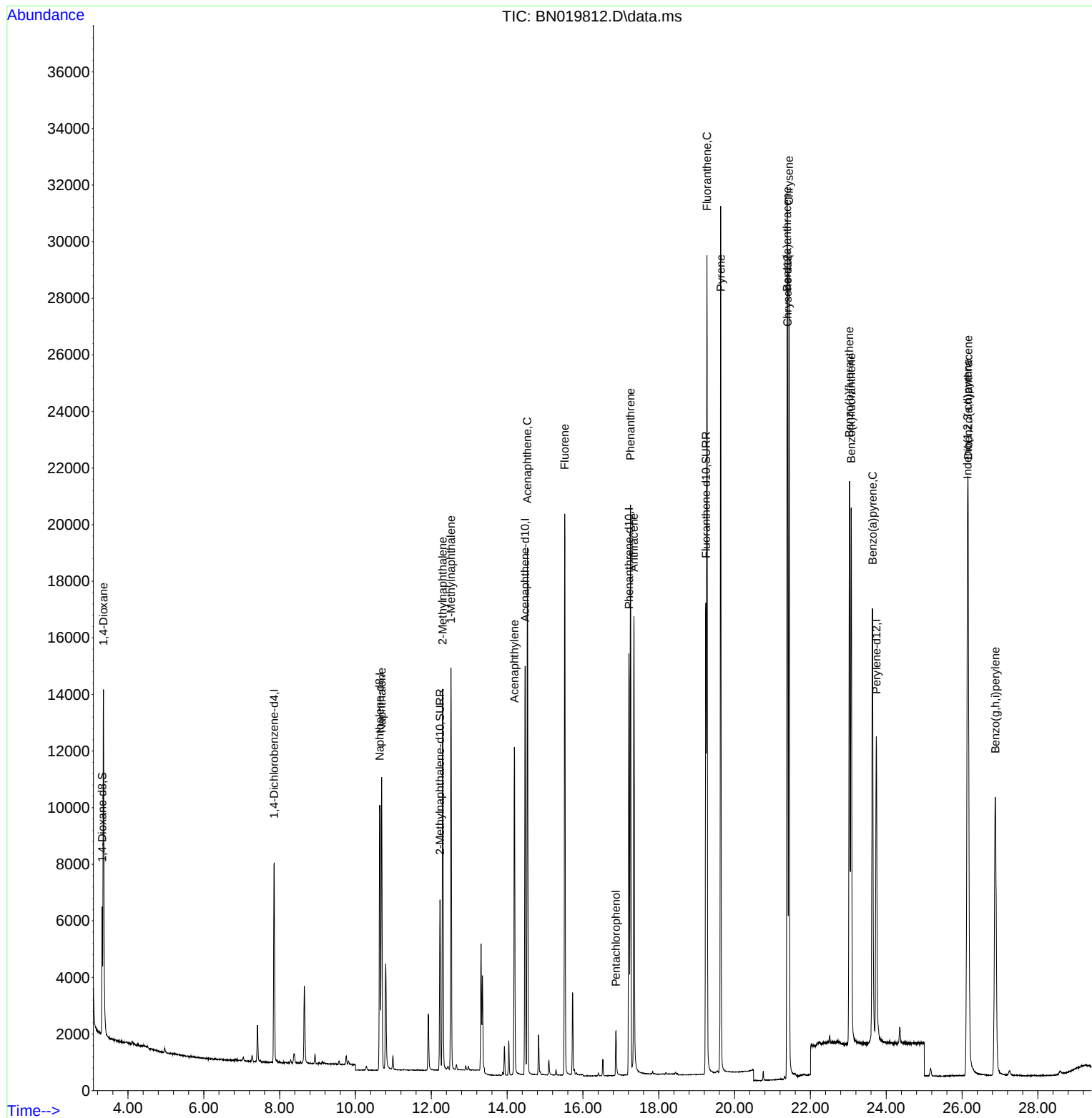
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051622\
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ALS Vial : 29 Sample Multiplier: 1

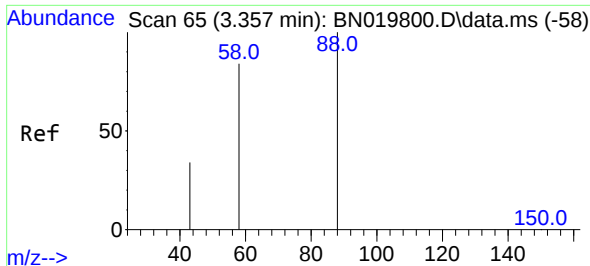
Instrument :
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ClientSampleId :
SLCS811

Quant Time: May 17 04:36:14 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

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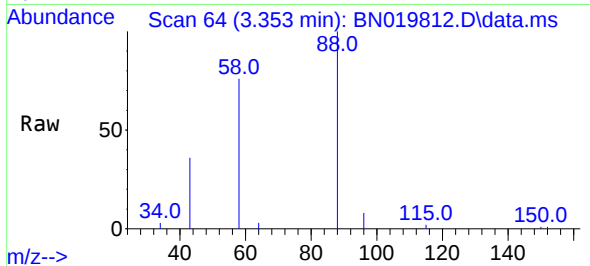
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022





#2
1,4-Dioxane
Concen: 1.696 ng/ul m
RT: 3.353 min Scan# 64
Delta R.T. -0.004 min
Lab File: BN019812.D
Acq: 17 May 2022 03:50

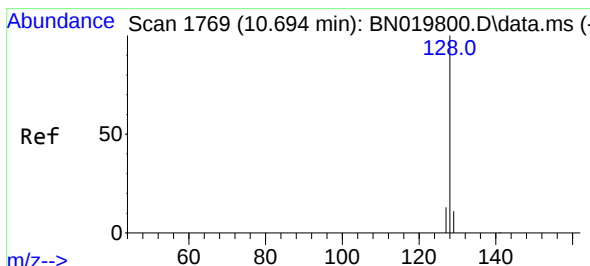
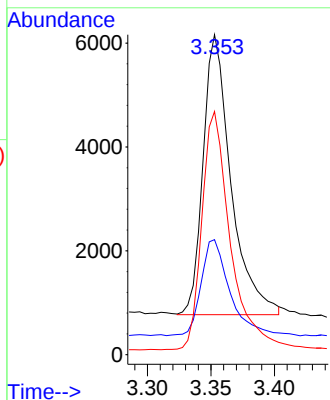
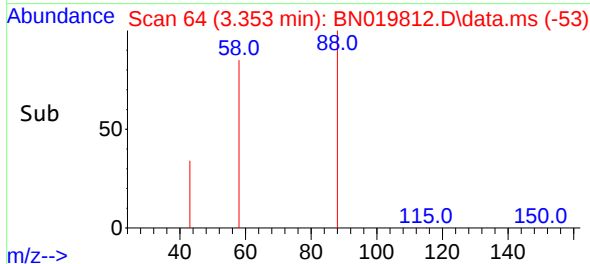
Instrument :
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ClientSampleId :
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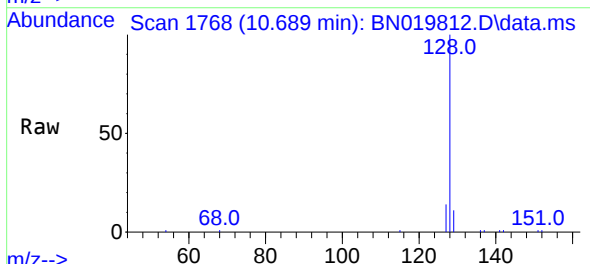
Tgt Ion: 88 Resp: 826
Ion Ratio Lower Upper
88 100
43 35.9 39.0 58.4
58 76.0 39.8 59.8

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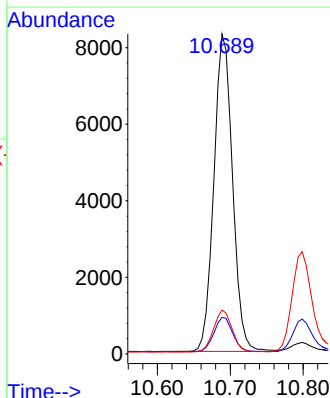
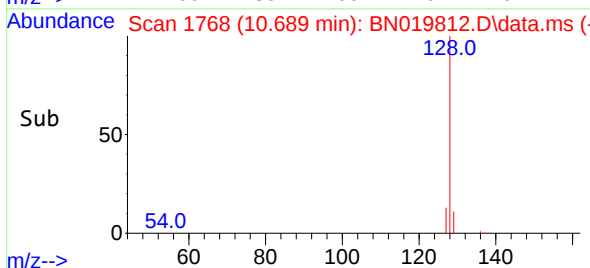
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022

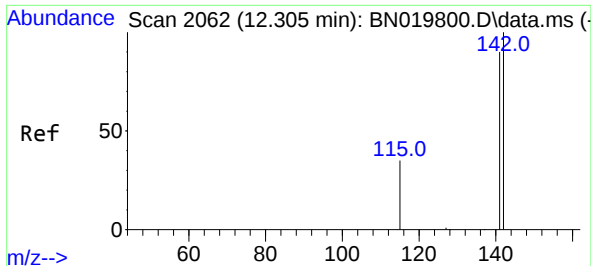


#5
Naphthalene
Concen: 0.348 ng/ul
RT: 10.689 min Scan# 1768
Delta R.T. -0.006 min
Lab File: BN019812.D
Acq: 17 May 2022 03:50



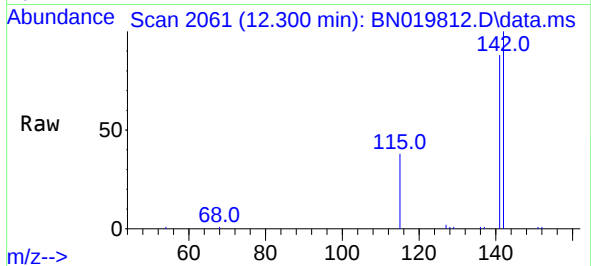
Tgt Ion:128 Resp: 14769
Ion Ratio Lower Upper
128 100
129 11.4 9.5 14.3
127 13.8 11.0 16.4





#7
2-Methylnaphthalene
Concen: 0.379 ng/ul
RT: 12.300 min Scan# 2061
Delta R.T. -0.006 min
Lab File: BN019812.D
Acq: 17 May 2022 03:50

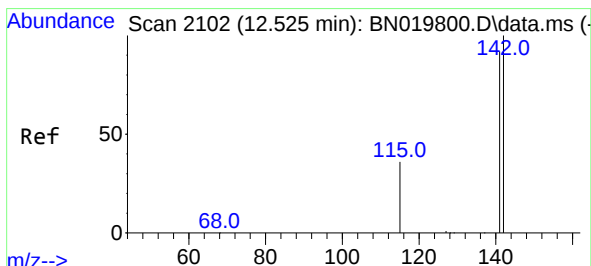
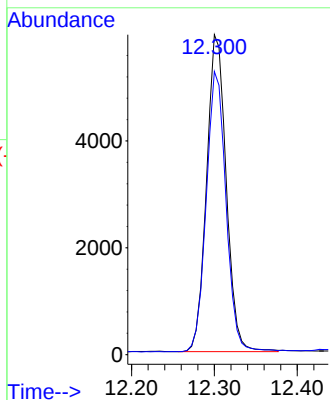
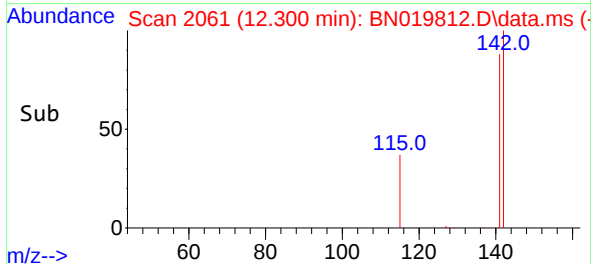
Instrument :
BNA_N
ClientSampleId :
SLCS811



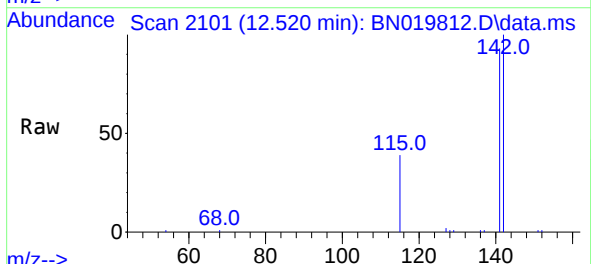
Tgt Ion:142 Resp: 9809
Ion Ratio Lower Upper
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141 88.9 0.0 0.0

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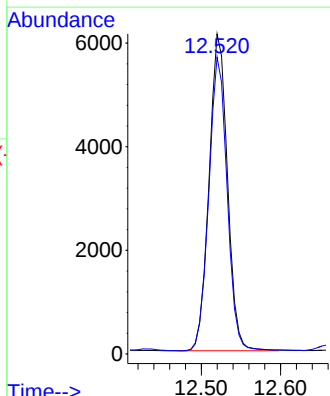
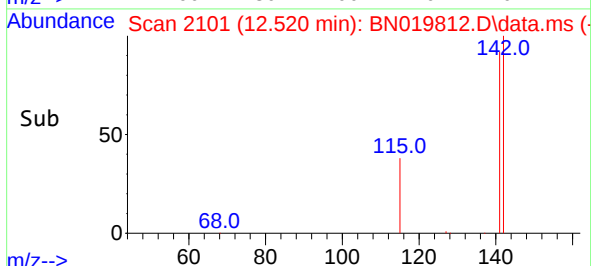
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022

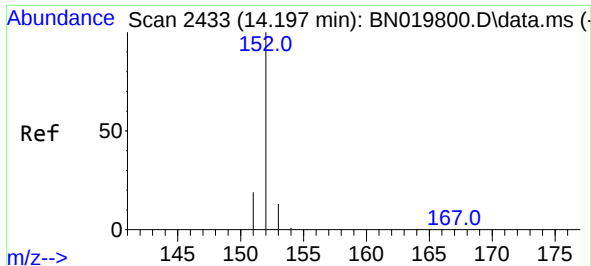


#8
1-Methylnaphthalene
Concen: 0.412 ng/ul
RT: 12.520 min Scan# 2101
Delta R.T. -0.006 min
Lab File: BN019812.D
Acq: 17 May 2022 03:50



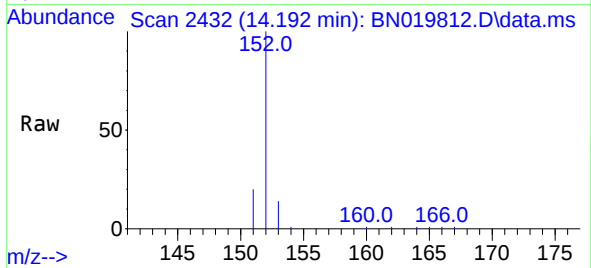
Tgt Ion:142 Resp: 9860
Ion Ratio Lower Upper
142 100
141 92.3 0.0 0.0





#10
Acenaphthylene
Concen: 0.352 ng/u1
RT: 14.192 min Scan# 2433
Delta R.T. -0.005 min
Lab File: BN019812.D
Acq: 17 May 2022 03:50

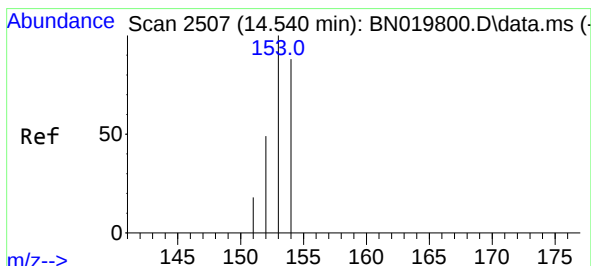
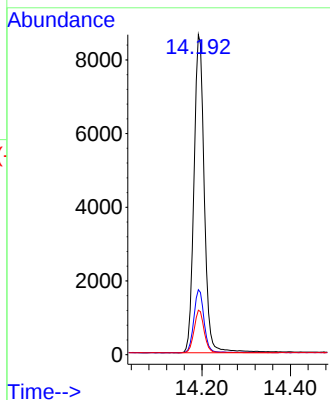
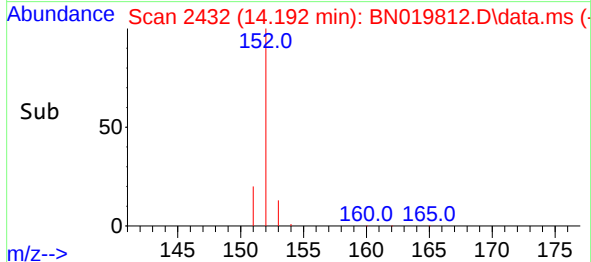
Instrument :
BNA_N
ClientSampleId :
SLCS811



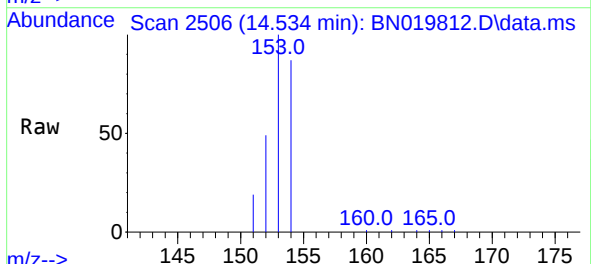
Tgt Ion:152 Resp: 14029
Ion Ratio Lower Upper
152 100
151 20.3 16.3 24.5
153 13.9 11.1 16.7

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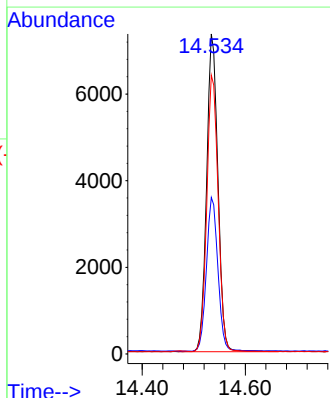
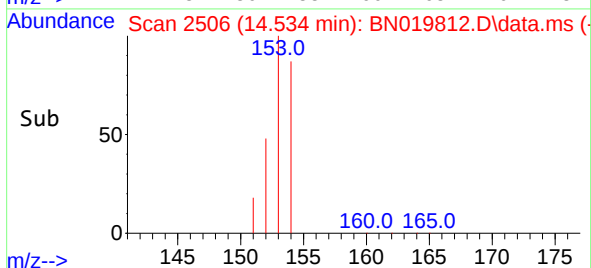
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022

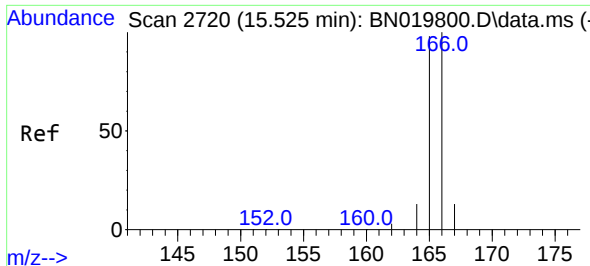


#11
Acenaphthene
Concen: 0.347 ng/u1
RT: 14.534 min Scan# 2506
Delta R.T. -0.005 min
Lab File: BN019812.D
Acq: 17 May 2022 03:50



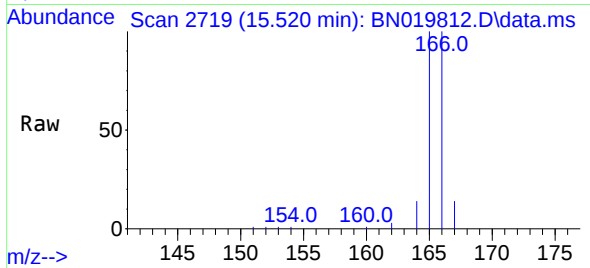
Tgt Ion:153 Resp: 11115
Ion Ratio Lower Upper
153 100
152 48.9 38.6 57.8
154 87.1 71.2 106.8





#12
Fluorene
Concen: 0.361 ng/ul
RT: 15.520 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN019812.D
Acq: 17 May 2022 03:50

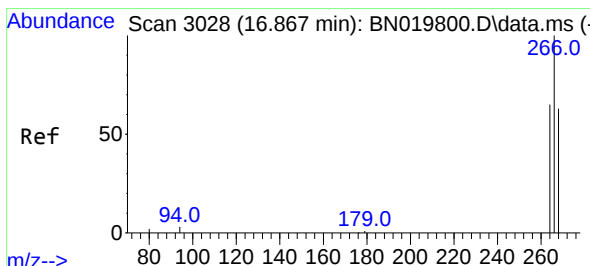
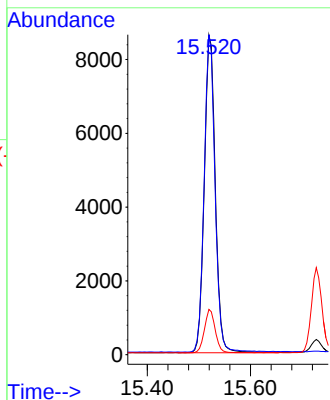
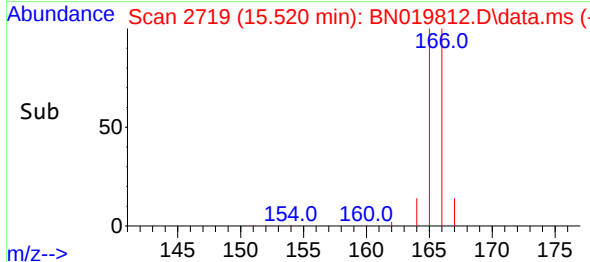
Instrument :
BNA_N
ClientSampleId :
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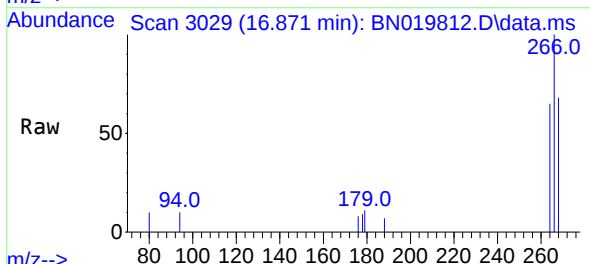
Tgt Ion:166 Resp: 1268
Ion Ratio Lower Upper
166 100
165 100.2 78.2 117.2
167 14.2 11.3 16.9

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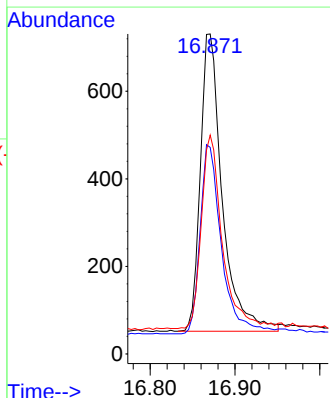
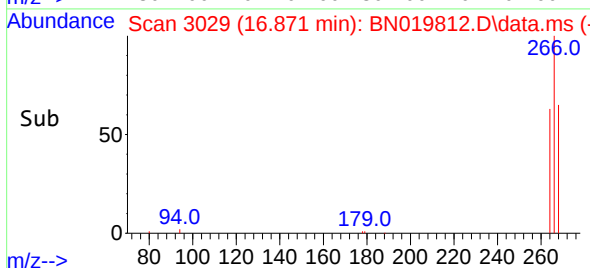
Reviewed By :Jagrut Upadhyay 05/17/2022
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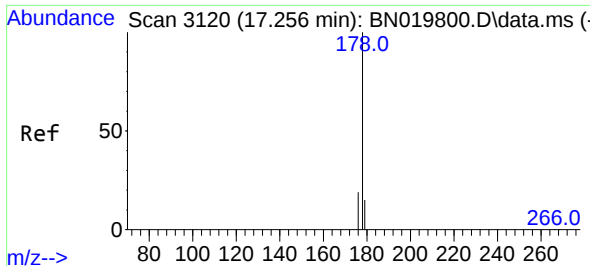


#14
Pentachlorophenol
Concen: 0.322 ng/ul
RT: 16.871 min Scan# 3029
Delta R.T. 0.004 min
Lab File: BN019812.D
Acq: 17 May 2022 03:50



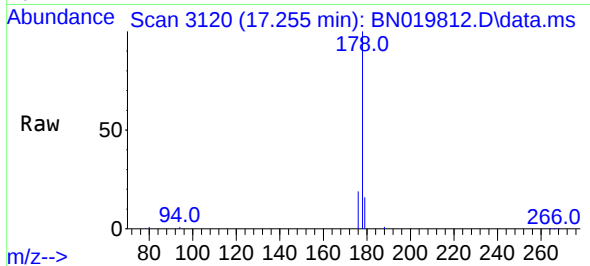
Tgt Ion:266 Resp: 1220
Ion Ratio Lower Upper
266 100
264 62.2 44.9 67.3
268 62.5 44.6 67.0





#15
Phenanthrene
Concen: 0.344 ng/ul
RT: 17.255 min Scan# 3120
Delta R.T. -0.000 min
Lab File: BN019812.D
Acq: 17 May 2022 03:50

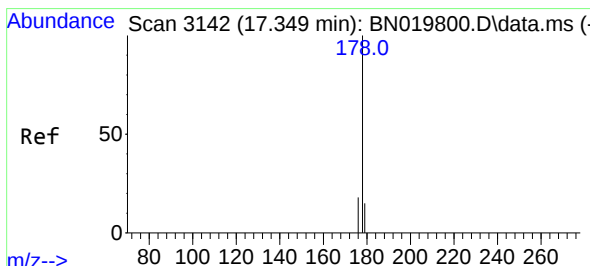
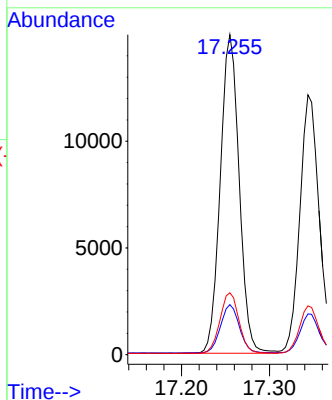
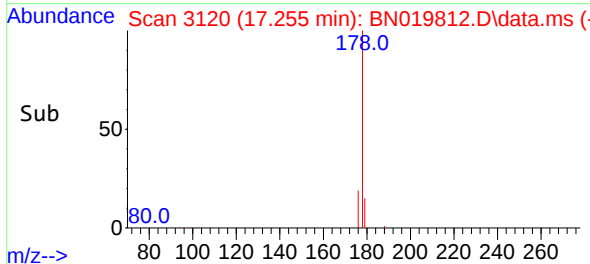
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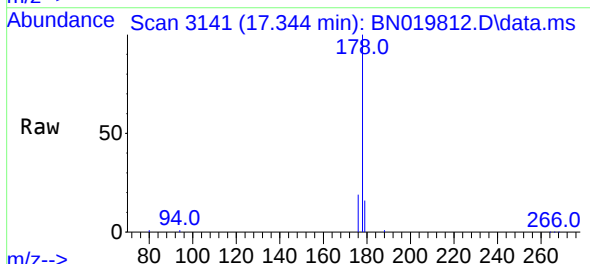
Tgt Ion:178 Resp: 2224
Ion Ratio Lower Upper
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179 15.6 12.9 19.3
176 19.3 15.5 23.3

Manual Integrations
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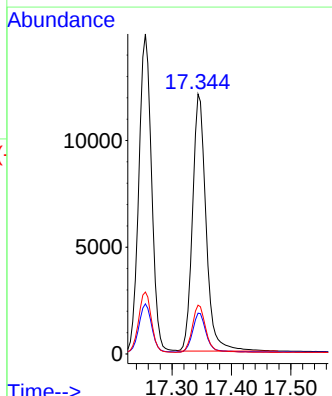
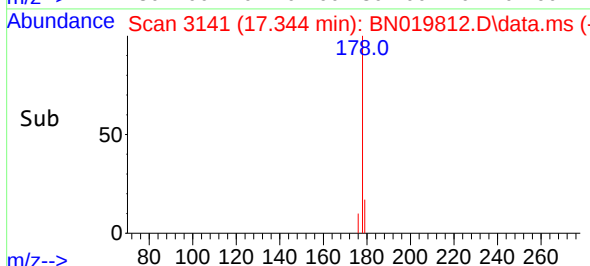
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022

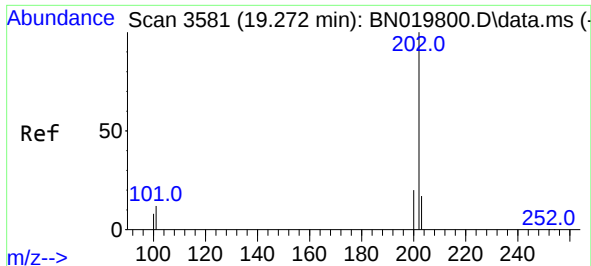


#16
Anthracene
Concen: 0.361 ng/ul
RT: 17.344 min Scan# 3141
Delta R.T. -0.004 min
Lab File: BN019812.D
Acq: 17 May 2022 03:50



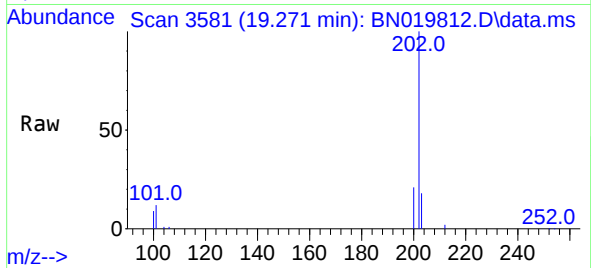
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Ion Ratio Lower Upper
178 100
179 15.7 13.1 19.7
176 18.8 15.3 22.9





#19
Fluoranthene
Concen: 0.330 ng/u1
RT: 19.271 min Scan# 3581
Delta R.T. -0.000 min
Lab File: BN019812.D
Acq: 17 May 2022 03:50

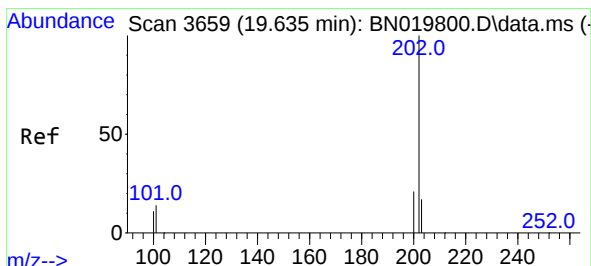
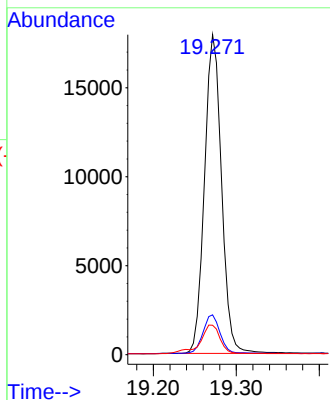
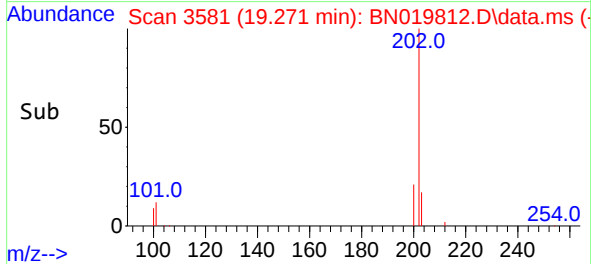
Instrument :
BNA_N
ClientSampleId :
SLCS811



Tgt Ion:202 Resp: 2560
Ion Ratio Lower Upper
202 100
101 12.4 9.7 14.5
100 9.2 7.4 11.2

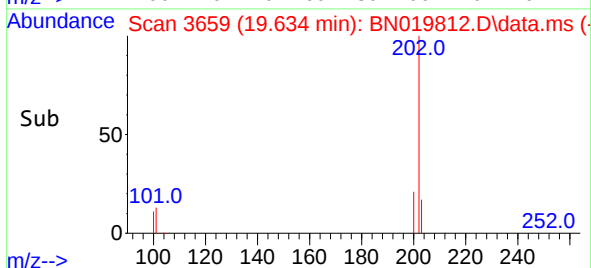
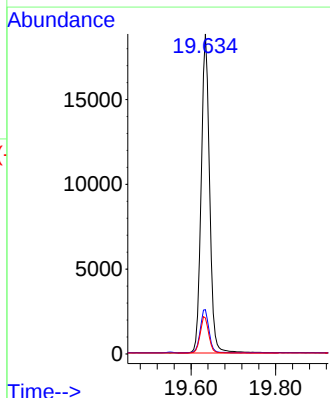
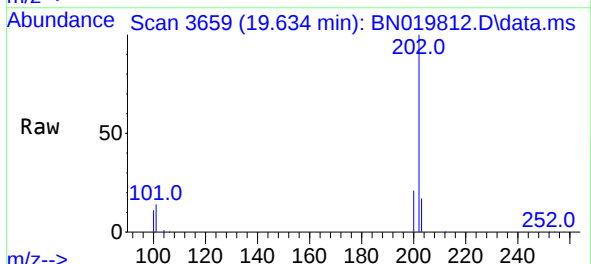
Manual Integrations
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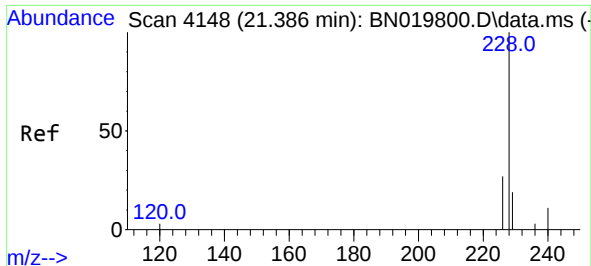
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022



#20
Pyrene
Concen: 0.335 ng/u1
RT: 19.634 min Scan# 3659
Delta R.T. -0.000 min
Lab File: BN019812.D
Acq: 17 May 2022 03:50

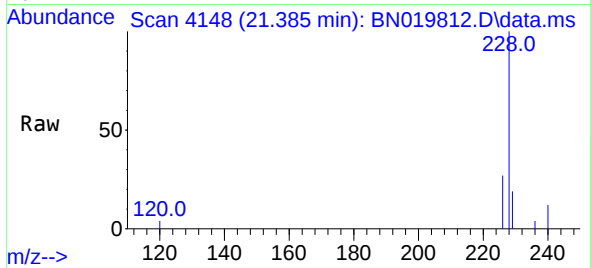
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Ion Ratio Lower Upper
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101 13.8 11.4 17.0
100 11.3 9.0 13.4





#21
Benzo(a)anthracene
Concen: 0.369 ng/u1
RT: 21.385 min Scan# 4148
Delta R.T. -0.003 min
Lab File: BN019812.D
Acq: 17 May 2022 03:50

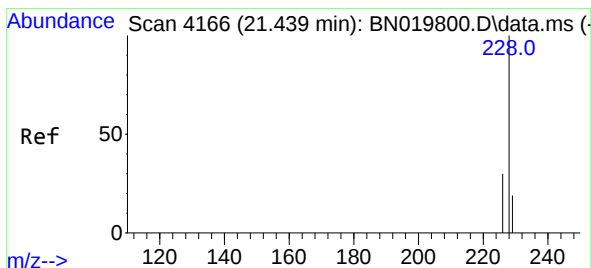
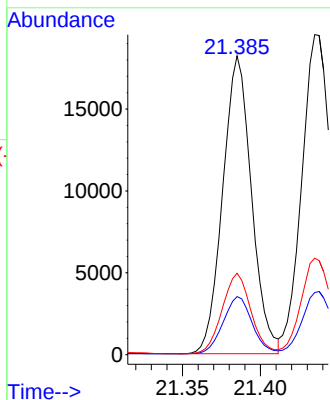
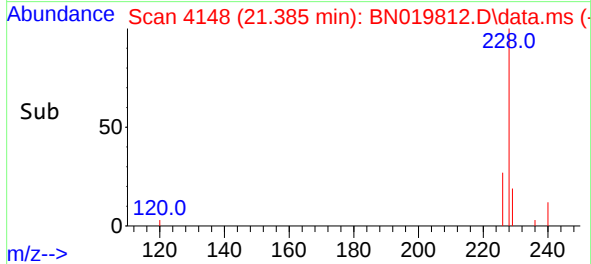
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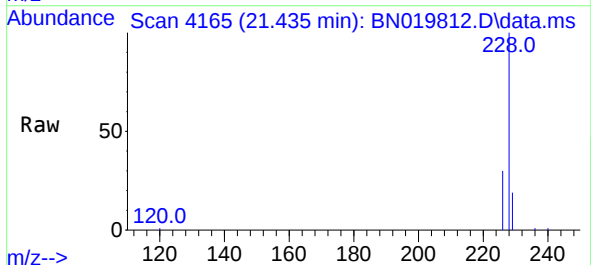
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Ion Ratio Lower Upper
228 100
229 19.4 16.1 24.1
226 27.2 22.1 33.1

Manual Integrations
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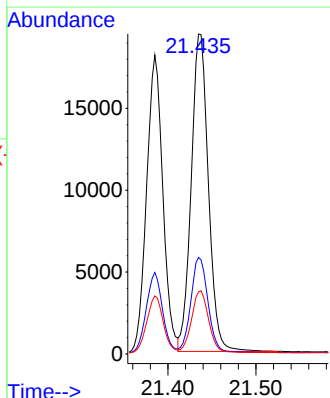
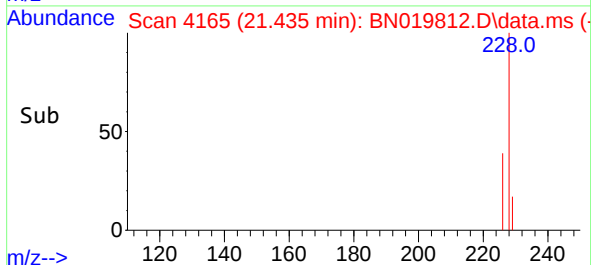
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022

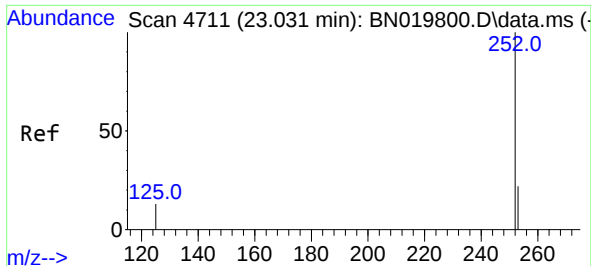


#22
Chrysene
Concen: 0.352 ng/u1
RT: 21.435 min Scan# 4165
Delta R.T. -0.006 min
Lab File: BN019812.D
Acq: 17 May 2022 03:50



Tgt Ion:228 Resp: 26264
Ion Ratio Lower Upper
228 100
226 30.1 24.2 36.2
229 19.4 16.0 24.0





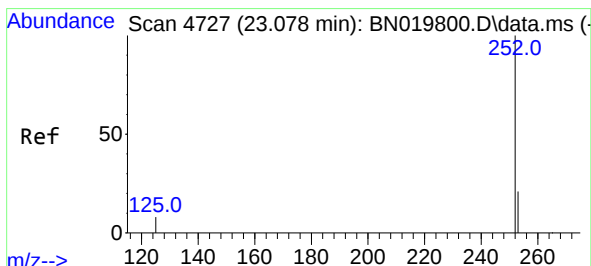
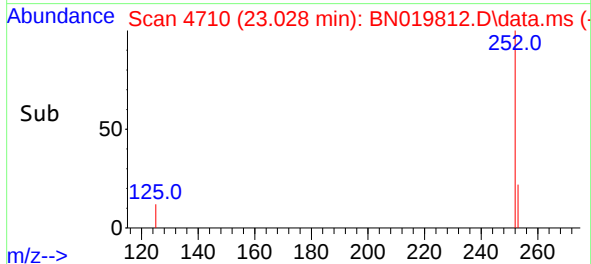
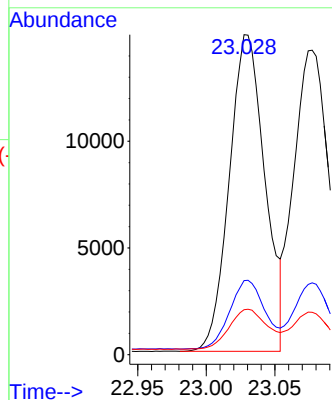
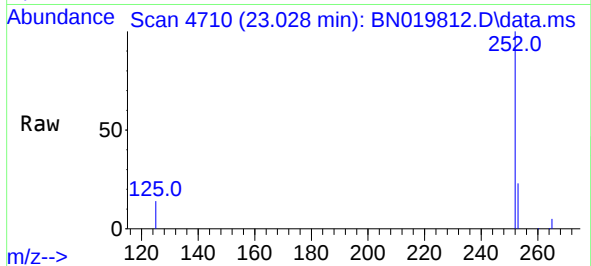
#24
Benzo(b)fluoranthene
Concen: 0.339 ng/ul
RT: 23.028 min Scan# 4710
Delta R.T. -0.006 min
Lab File: BN019812.D
Acq: 17 May 2022 03:50

Instrument :
BNA_N
ClientSampleId :
SLCS811

Tgt Ion:252 Resp: 26799
Ion Ratio Lower Upper
252 100
253 23.1 0.0 52.0
125 14.1 0.0 40.2

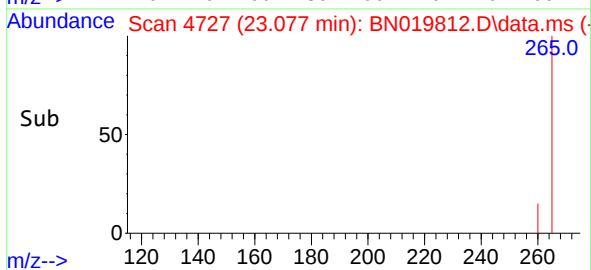
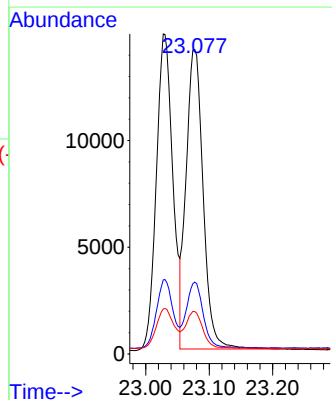
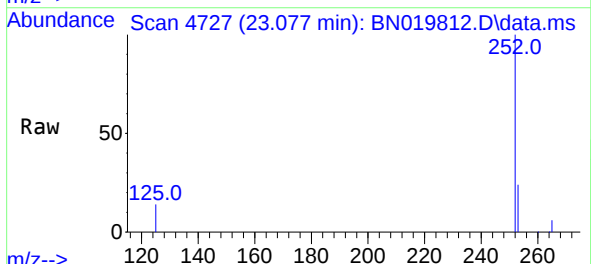
Manual Integrations
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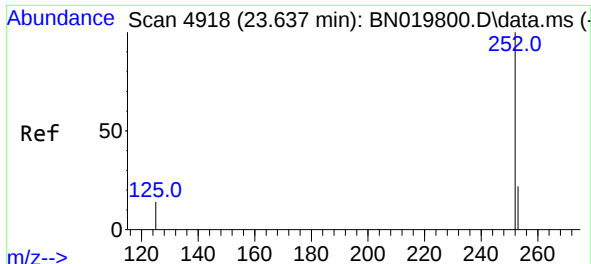
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022



#25
Benzo(k)fluoranthene
Concen: 0.343 ng/ul
RT: 23.077 min Scan# 4727
Delta R.T. -0.003 min
Lab File: BN019812.D
Acq: 17 May 2022 03:50

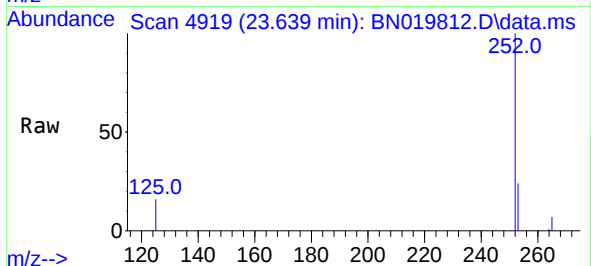
Tgt Ion:252 Resp: 26144
Ion Ratio Lower Upper
252 100
253 23.6 20.2 30.2
125 13.9 11.0 16.6





#26
Benzo(a)pyrene
Concen: 0.358 ng/ul
RT: 23.639 min Scan# 4918
Delta R.T. -0.000 min
Lab File: BN019812.D
Acq: 17 May 2022 03:50

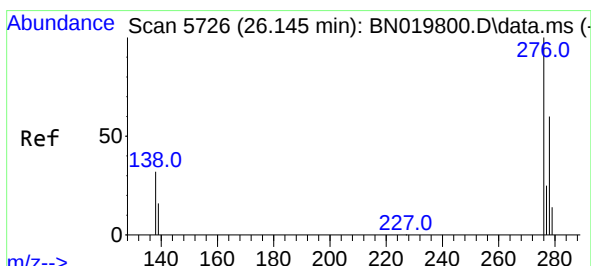
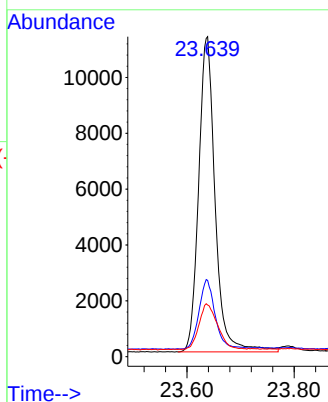
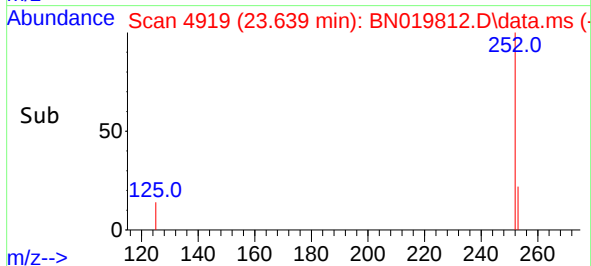
Instrument :
BNA_N
ClientSampleId :
SLCS811



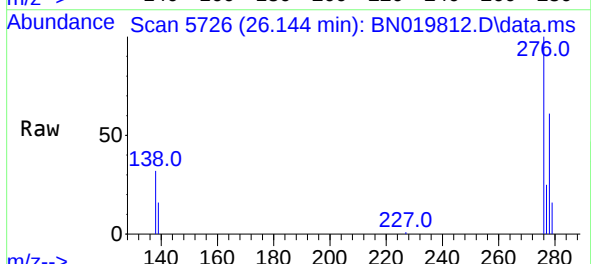
Tgt Ion:252 Resp: 24154
Ion Ratio Lower Upper
252 100
253 23.8 23.4 35.0
125 16.2 28.3 42.5

Manual Integrations
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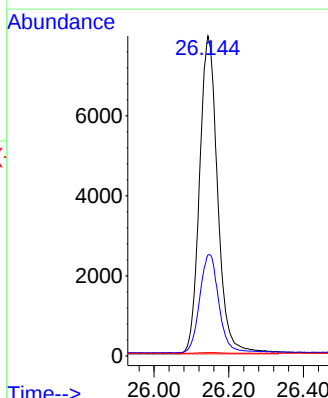
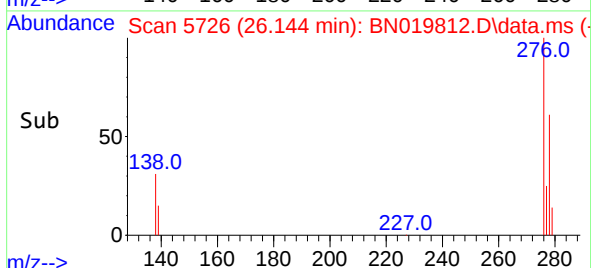
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022

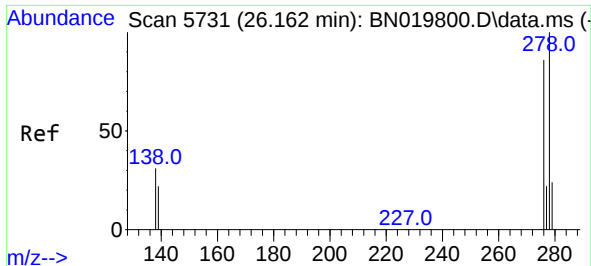


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.319 ng/ul
RT: 26.144 min Scan# 5726
Delta R.T. -0.003 min
Lab File: BN019812.D
Acq: 17 May 2022 03:50



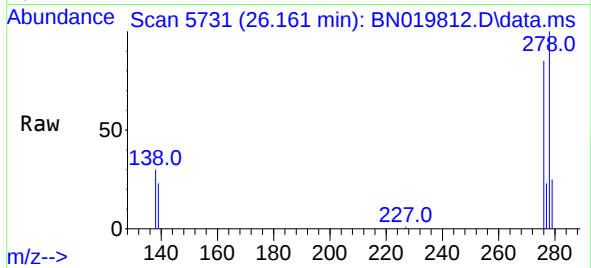
Tgt Ion:276 Resp: 26799
Ion Ratio Lower Upper
276 100
138 32.9 23.6 35.4
227 0.3 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.315 ng/ul
RT: 26.161 min Scan# 5731
Delta R.T. -0.003 min
Lab File: BN019812.D
Acq: 17 May 2022 03:50

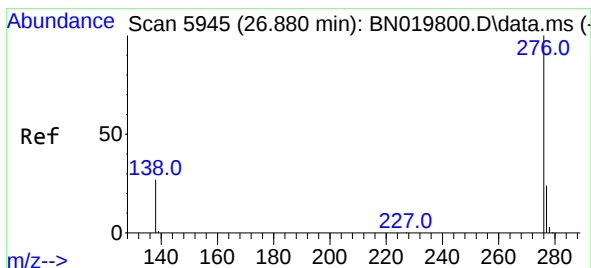
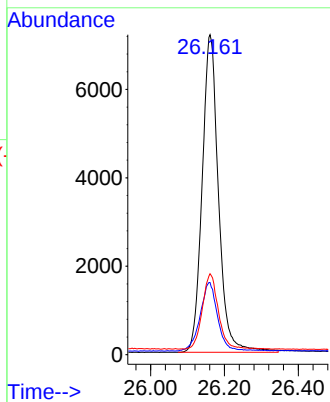
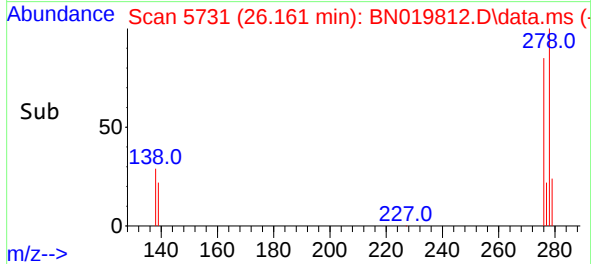
Instrument :
BNA_N
ClientSampleId :
SLCS811



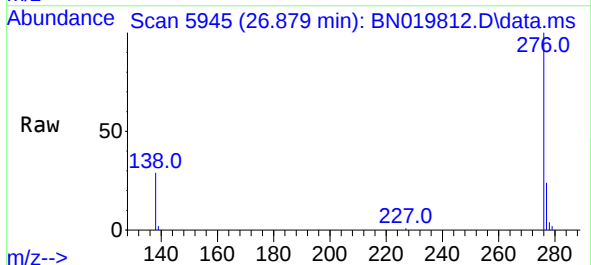
Tgt Ion: 278 Resp: 22170
Ion Ratio Lower Upper
278 100
139 22.5 18.6 28.0
279 25.3 35.1 52.7

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#29
Benzo(g,h,i)perylene
Concen: 0.287 ng/ul
RT: 26.879 min Scan# 5945
Delta R.T. -0.000 min
Lab File: BN019812.D
Acq: 17 May 2022 03:50



Tgt Ion: 276 Resp: 22086
Ion Ratio Lower Upper
276 100
138 28.6 20.9 31.3
277 24.2 20.4 30.6

