

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072023\
 Data File : BN026622.D
 Acq On : 21 Jul 2023 10:50
 Operator : MA/JU
 Sample : PB154070BS
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS070

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/22/2023
 Supervised By :mohammad ahmed 07/22/2023

Quant Time: Jul 21 14:08:14 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 20 22:32:26 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.870	152	1239	0.400	ng/ul	0.00
4) Naphthalene-d8	10.652	136	4961	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.476	164	3420	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.228	188	6784	0.400	ng/ul	0.00
17) Chrysene-d12	21.425	240	5059	0.400	ng/ul	0.00
23) Perylene-d12	23.805	264	5622m	0.400	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.204	96	1274	0.781	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.258	152	2611m	0.387	ng/ul	0.01
18) Fluoranthene-d10	19.255	212	6692	0.382	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.237	88	2759	1.787	ng/ul#	90
5) Naphthalene	10.702	128	3882	0.285	ng/ul#	93
7) 2-Methylnaphthalene	12.324	142	2460m	0.318	ng/ul	
8) 1-Methylnaphthalene	12.528	142	2770	0.335	ng/ul	100
10) Acenaphthylene	14.203	152	4792	0.286	ng/ul	98
11) Acenaphthene	14.536	153	3770	0.295	ng/ul	98
12) Fluorene	15.540	166	4020	0.300	ng/ul	97
14) Pentachlorophenol	16.903	266	709	0.414	ng/ul	98
15) Phenanthrene	17.270	178	6365	0.295	ng/ul	99
16) Anthracene	17.371	178	5261	0.281	ng/ul	100
19) Fluoranthene	19.288	202	7901	0.333	ng/ul#	96
20) Pyrene	19.650	202	8641	0.336	ng/ul#	94
21) Benzo(a)anthracene	21.414	228	5738	0.309	ng/ul	99
22) Chrysene	21.463	228	6558	0.310	ng/ul	99
24) Benzo(b)fluoranthene	23.082	252	6215	0.284	ng/ul	96
25) Benzo(k)fluoranthene	23.132	252	6898	0.300	ng/ul#	95
26) Benzo(a)pyrene	23.702	252	5790	0.297	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.261	276	7625	0.298	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.284	278	5868	0.299	ng/ul	98
29) Benzo(g,h,i)perylene	27.015	276	6721	0.298	ng/ul	99

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

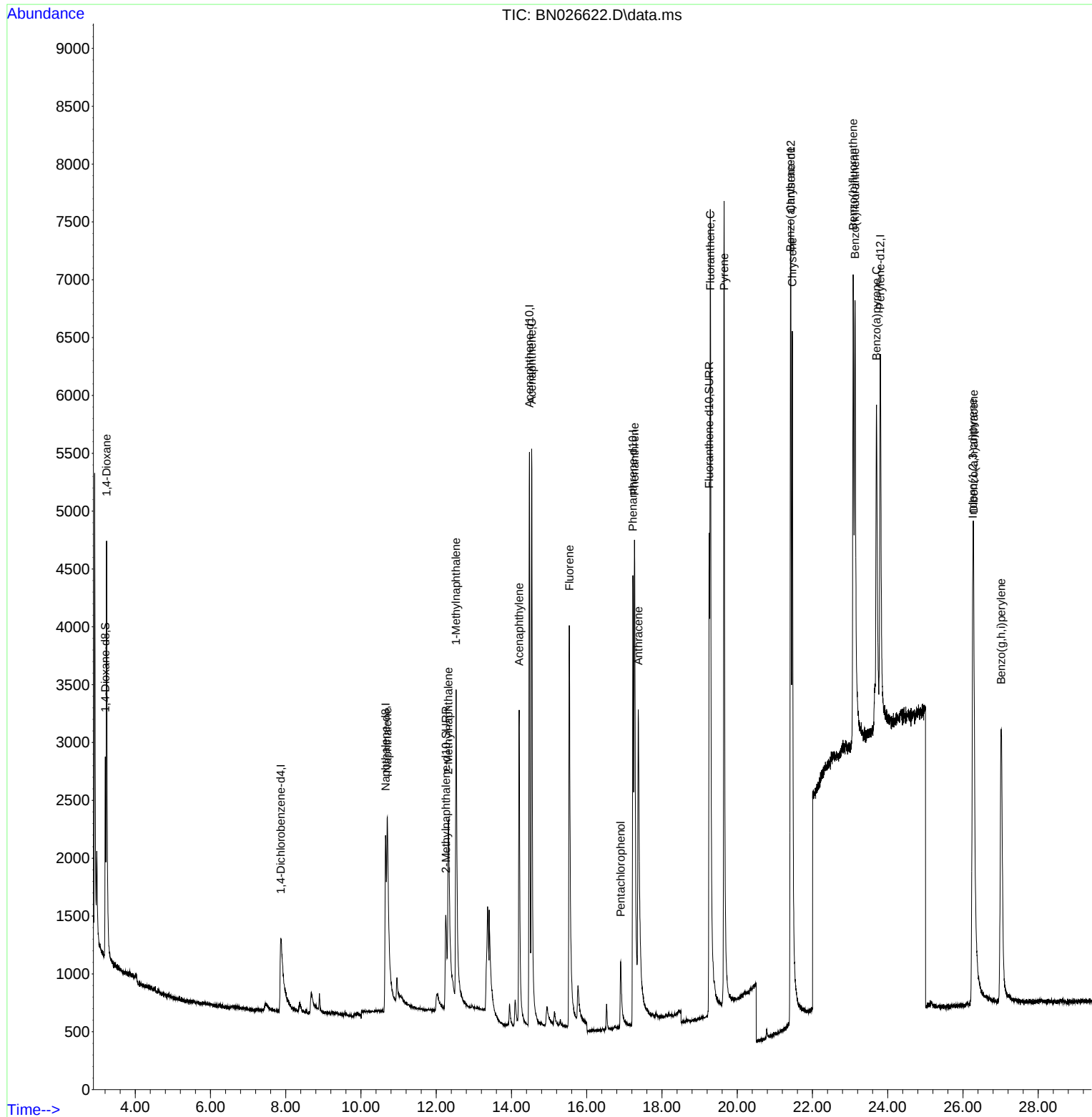
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072023\
Data File : BN026622.D
Acq On : 21 Jul 2023 10:50
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ALS Vial : 33 Sample Multiplier: 1

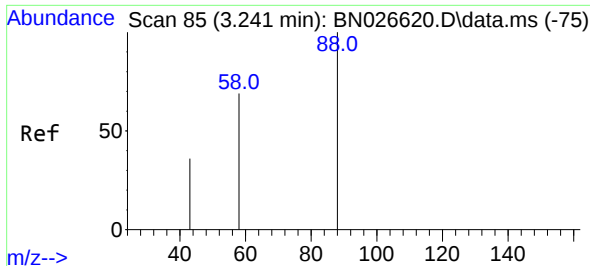
Instrument :
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Quant Time: Jul 21 14:08:14 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 20 22:32:26 2023
Response via : Initial Calibration

Manual Integrations
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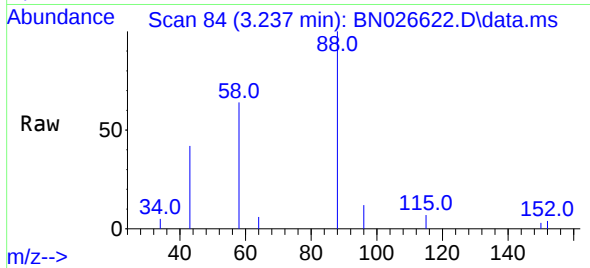
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023





#2
1,4-Dioxane
Concen: 1.787 ng/ul
RT: 3.237 min Scan# 84
Delta R.T. -0.000 min
Lab File: BN026622.D
Acq: 21 Jul 2023 10:50

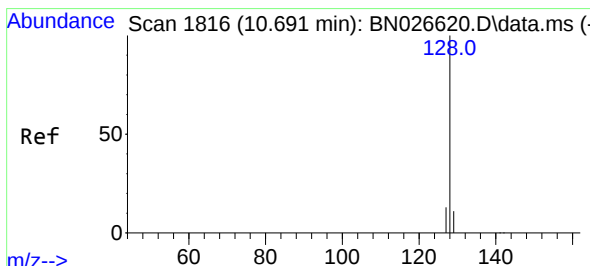
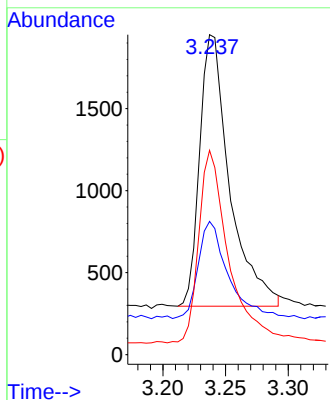
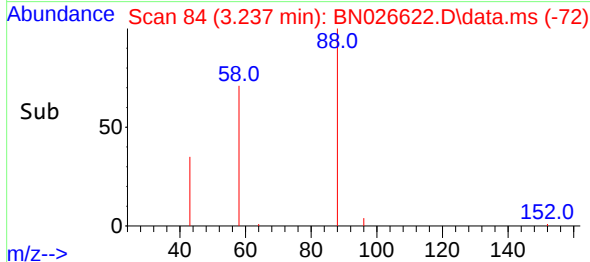
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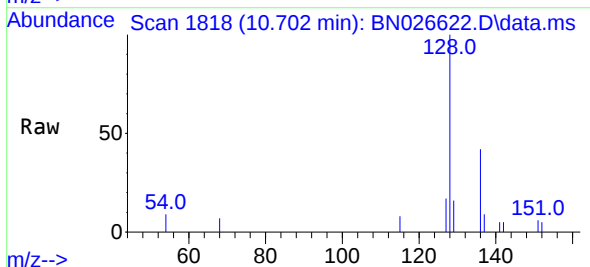
Tgt Ion: 88 Resp: 2759
Ion Ratio Lower Upper
88 100
43 41.6 33.0 49.6
58 63.9 41.7 62.5

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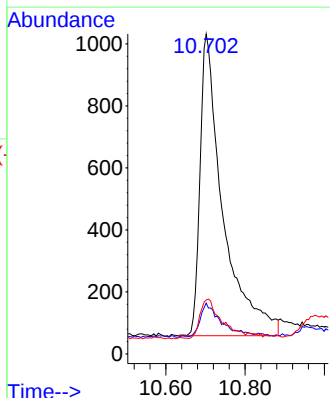
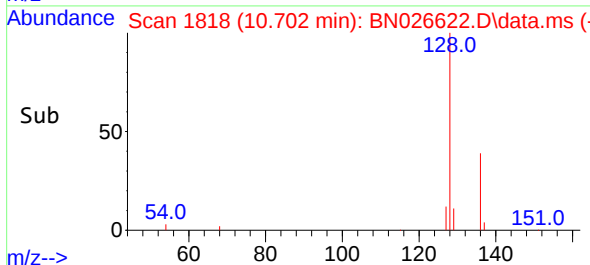
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023

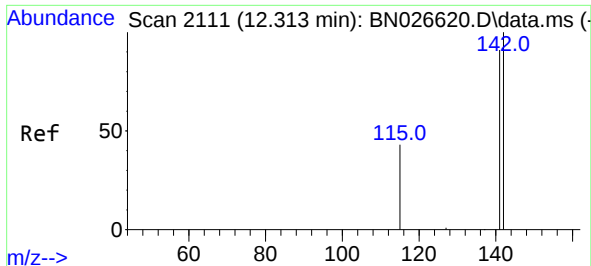


#5
Naphthalene
Concen: 0.285 ng/ul
RT: 10.702 min Scan# 1818
Delta R.T. -0.000 min
Lab File: BN026622.D
Acq: 21 Jul 2023 10:50



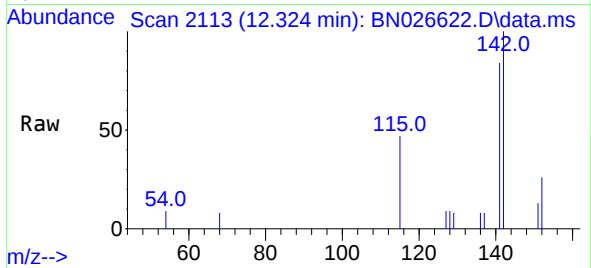
Tgt Ion:128 Resp: 3882
Ion Ratio Lower Upper
128 100
129 15.9 10.2 15.2#
127 16.9 11.4 17.0





#7
2-Methylnaphthalene
Concen: 0.318 ng/ul m
RT: 12.324 min Scan# 2111
Delta R.T. 0.005 min
Lab File: BN026622.D
Acq: 21 Jul 2023 10:50

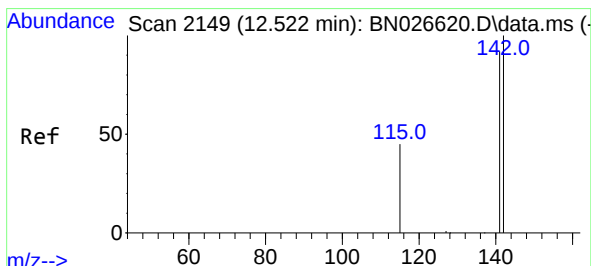
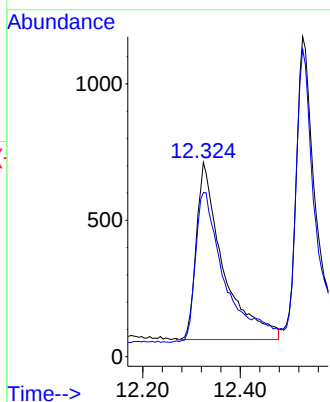
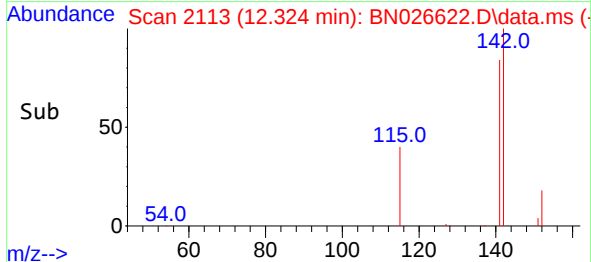
Instrument :
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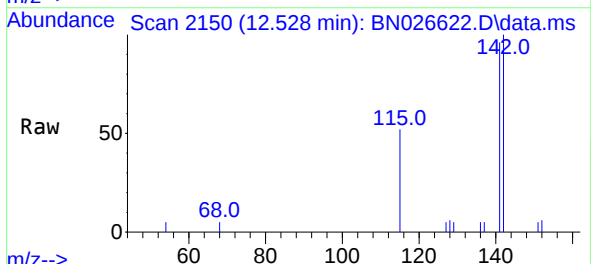
Tgt Ion:142 Resp: 2460
Ion Ratio Lower Upper
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141 80.3 72.3 108.5

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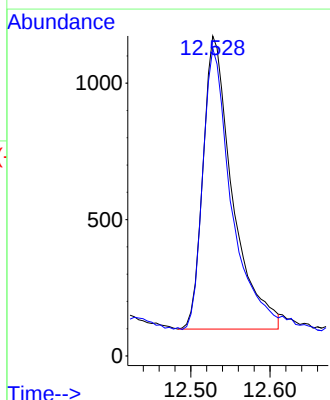
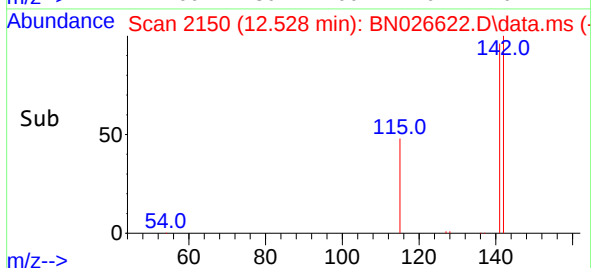
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023

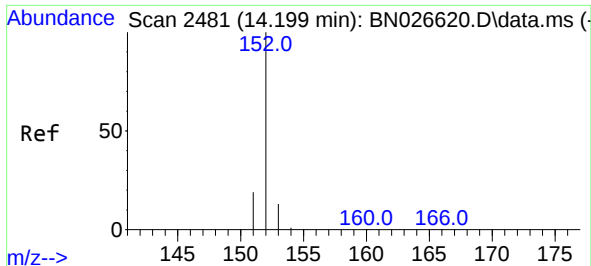


#8
1-Methylnaphthalene
Concen: 0.335 ng/ul
RT: 12.528 min Scan# 2150
Delta R.T. -0.000 min
Lab File: BN026622.D
Acq: 21 Jul 2023 10:50



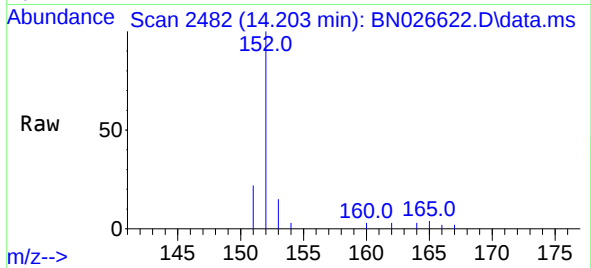
Tgt Ion:142 Resp: 2770
Ion Ratio Lower Upper
142 100
141 93.4 74.5 111.7





#10
Acenaphthylene
Concen: 0.286 ng/ul
RT: 14.203 min Scan# 2482
Delta R.T. -0.000 min
Lab File: BN026622.D
Acq: 21 Jul 2023 10:50

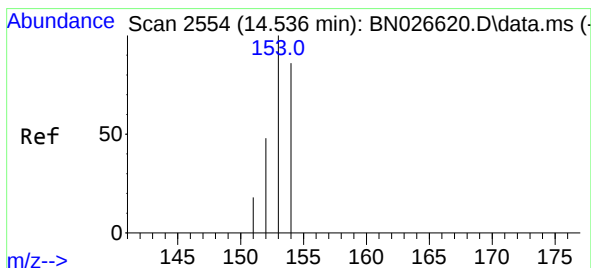
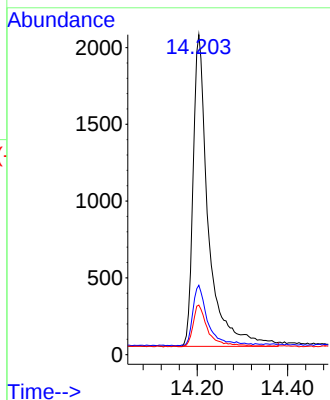
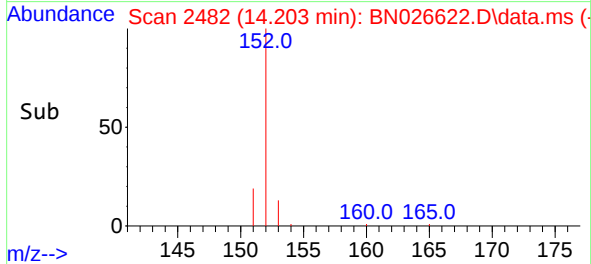
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:152 Resp: 4792
Ion Ratio Lower Upper
152 100
151 21.7 17.0 25.6
153 15.5 11.4 17.2

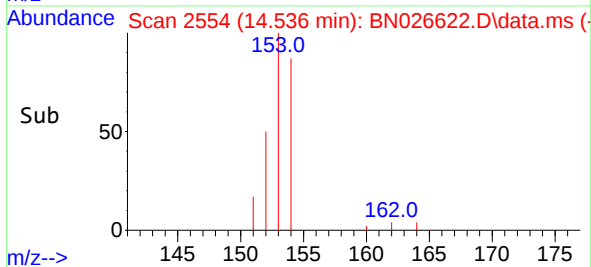
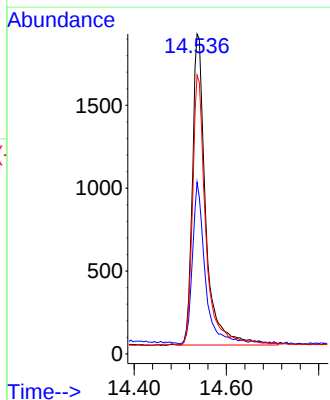
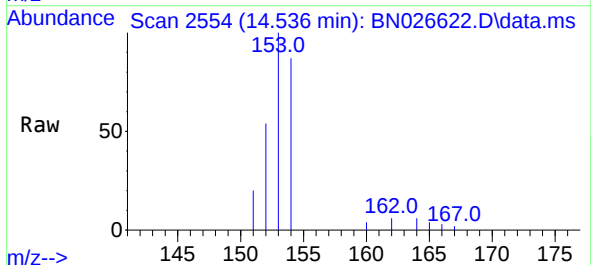
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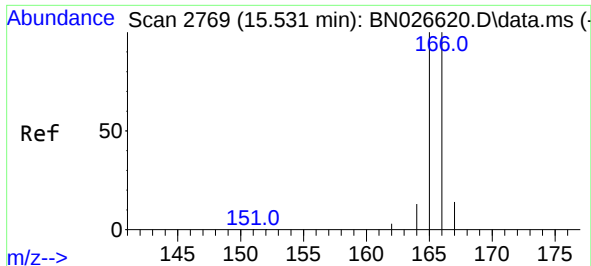
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023



#11
Acenaphthene
Concen: 0.295 ng/ul
RT: 14.536 min Scan# 2554
Delta R.T. -0.000 min
Lab File: BN026622.D
Acq: 21 Jul 2023 10:50

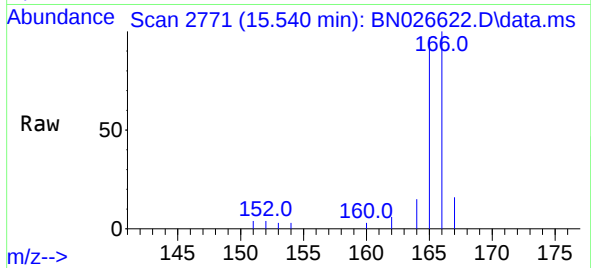
Tgt Ion:153 Resp: 3770
Ion Ratio Lower Upper
153 100
152 53.7 40.2 60.4
154 87.1 69.3 103.9





#12
Fluorene
Concen: 0.300 ng/ul
RT: 15.540 min Scan# 2771
Delta R.T. 0.009 min
Lab File: BN026622.D
Acq: 21 Jul 2023 10:50

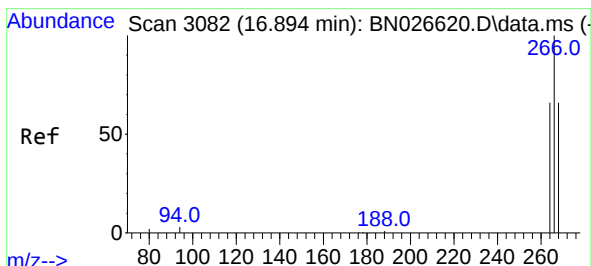
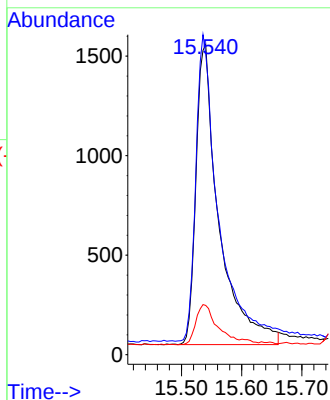
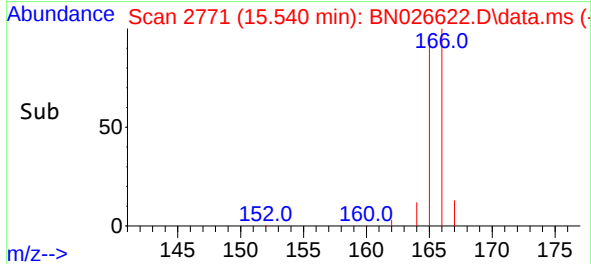
Instrument :
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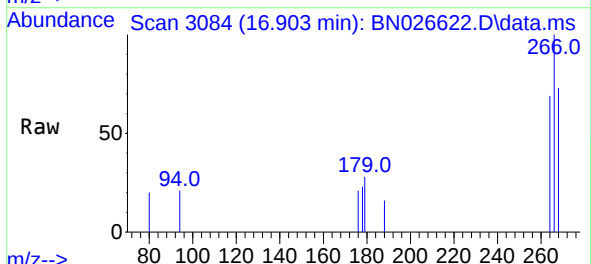
Tgt Ion:166 Resp: 4020
Ion Ratio Lower Upper
166 100
165 97.0 80.6 120.8
167 15.9 12.0 18.0

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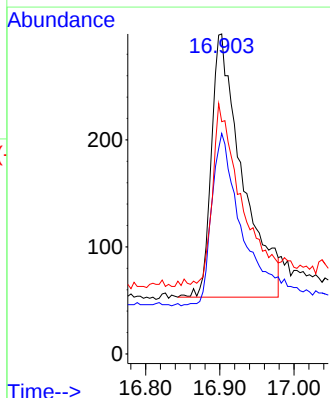
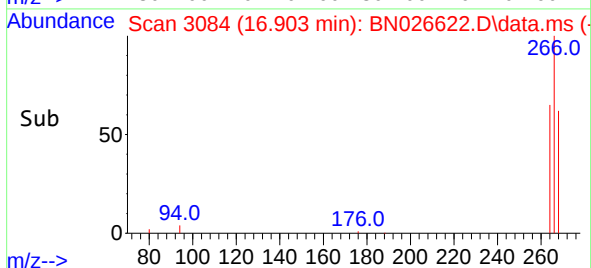
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023

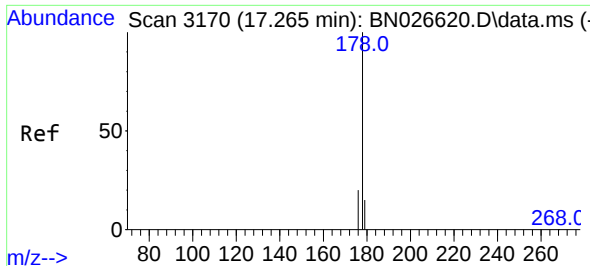


#14
Pentachlorophenol
Concen: 0.414 ng/ul
RT: 16.903 min Scan# 3084
Delta R.T. 0.004 min
Lab File: BN026622.D
Acq: 21 Jul 2023 10:50



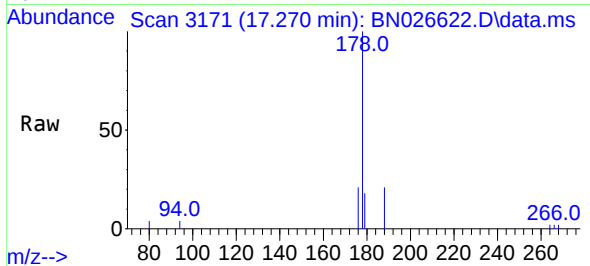
Tgt Ion:266 Resp: 709
Ion Ratio Lower Upper
266 100
264 65.0 52.0 78.0
268 63.8 53.0 79.6





#15
Phenanthrene
Concen: 0.295 ng/u1
RT: 17.270 min Scan# 3170
Delta R.T. 0.000 min
Lab File: BN026622.D
Acq: 21 Jul 2023 10:50

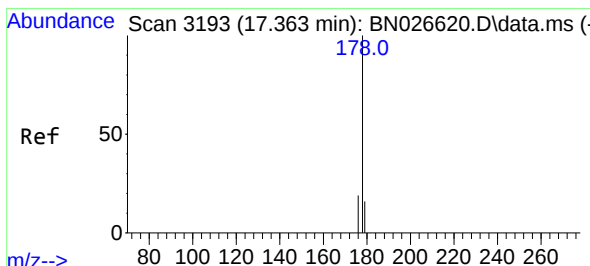
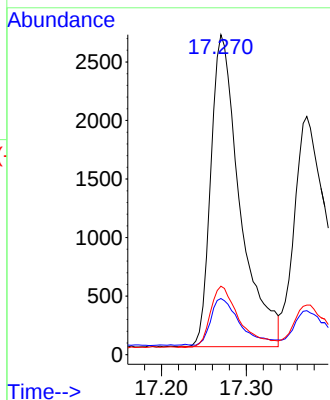
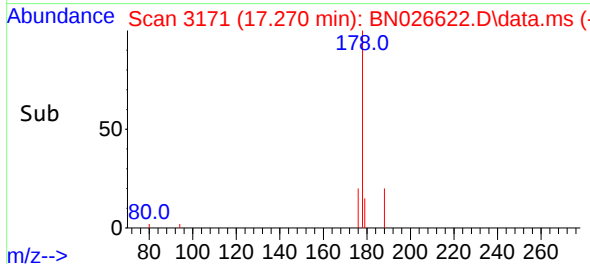
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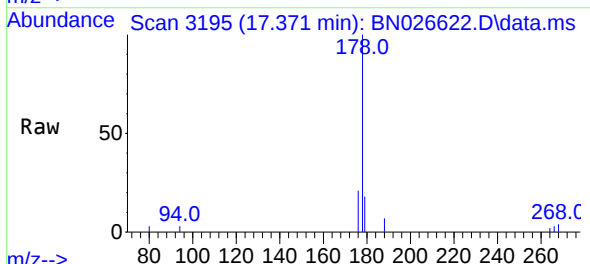
Tgt Ion:178 Resp: 6361
Ion Ratio Lower Upper
178 100
179 17.6 13.7 20.5
176 21.4 16.5 24.7

Manual Integrations
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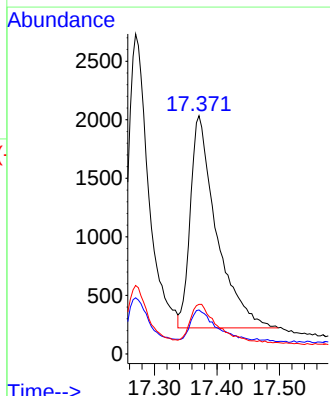
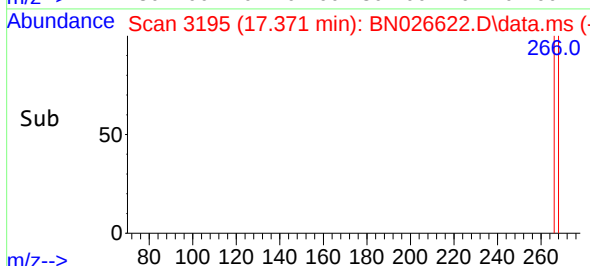
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023

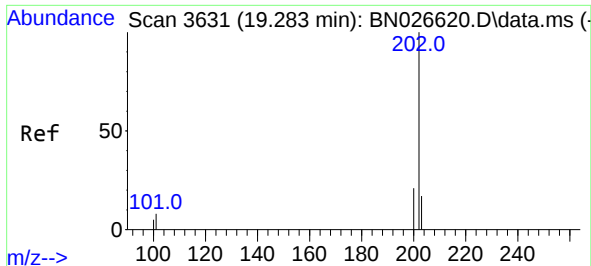


#16
Anthracene
Concen: 0.281 ng/u1
RT: 17.371 min Scan# 3195
Delta R.T. 0.004 min
Lab File: BN026622.D
Acq: 21 Jul 2023 10:50



Tgt Ion:178 Resp: 5261
Ion Ratio Lower Upper
178 100
179 18.5 14.8 22.2
176 20.8 16.6 25.0





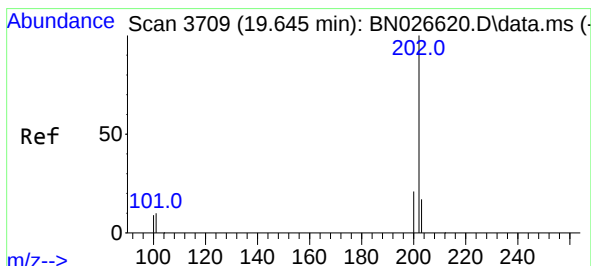
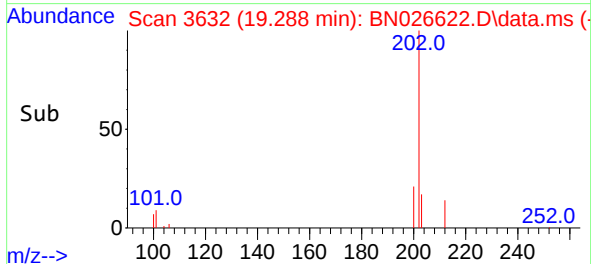
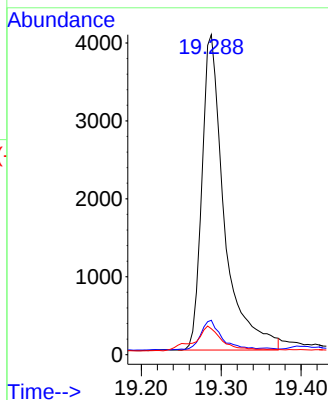
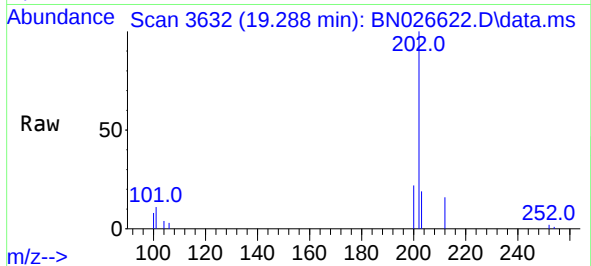
#19
Fluoranthene
Concen: 0.333 ng/u1
RT: 19.288 min Scan# 3632
Delta R.T. 0.005 min
Lab File: BN026622.D
Acq: 21 Jul 2023 10:50

Instrument :
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ClientSampleId :
SLCS070

Tgt Ion:202 Resp: 790
Ion Ratio Lower Upper
202 100
101 10.8 7.0 10.4
100 8.1 6.0 9.0

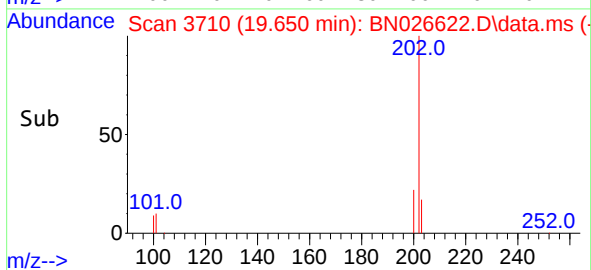
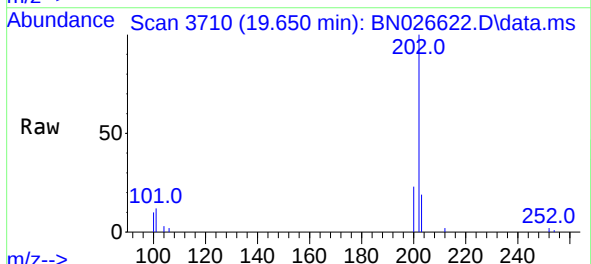
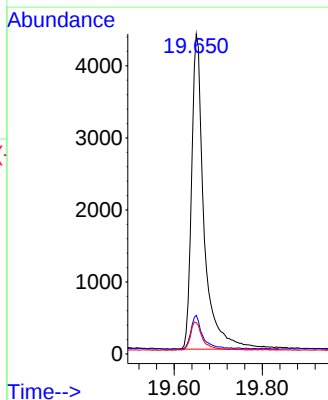
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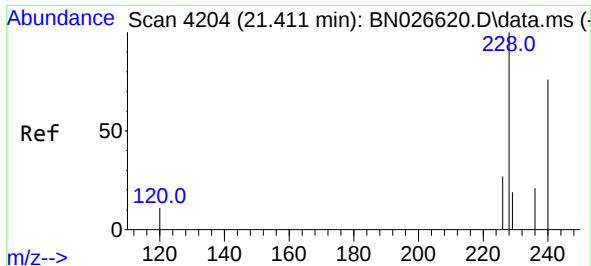
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023



#20
Pyrene
Concen: 0.336 ng/u1
RT: 19.650 min Scan# 3710
Delta R.T. 0.005 min
Lab File: BN026622.D
Acq: 21 Jul 2023 10:50

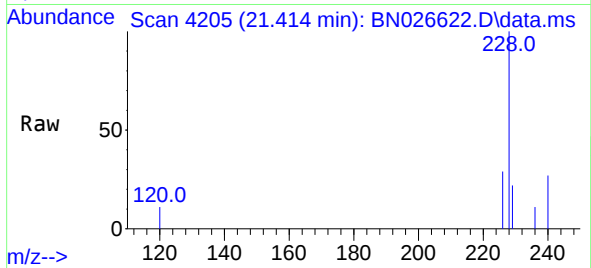
Tgt Ion:202 Resp: 8641
Ion Ratio Lower Upper
202 100
101 12.0 8.0 12.0#
100 9.8 6.2 9.2#





#21
Benzo(a)anthracene
Concen: 0.309 ng/u1
RT: 21.414 min Scan# 4204
Delta R.T. 0.015 min
Lab File: BN026622.D
Acq: 21 Jul 2023 10:50

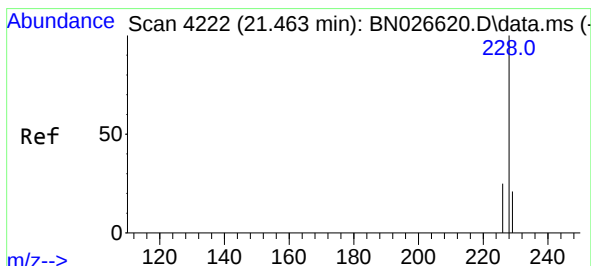
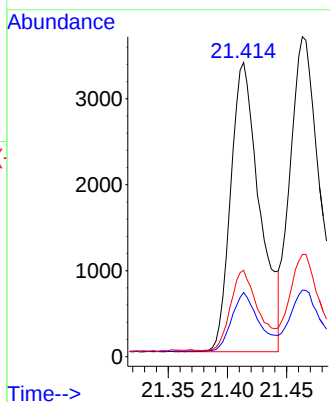
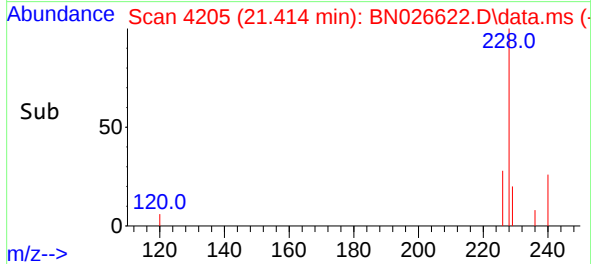
Instrument :
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Tgt Ion:228 Resp: 5738
Ion Ratio Lower Upper
228 100
229 21.8 16.7 25.1
226 29.3 23.5 35.3

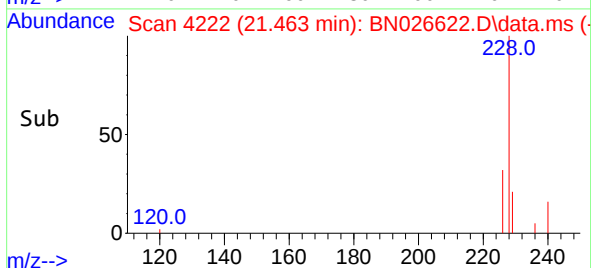
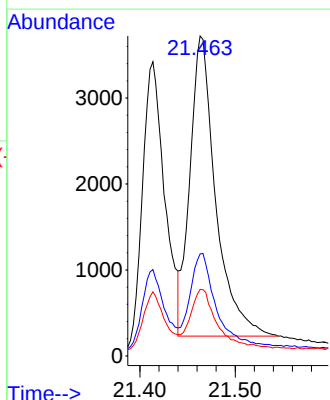
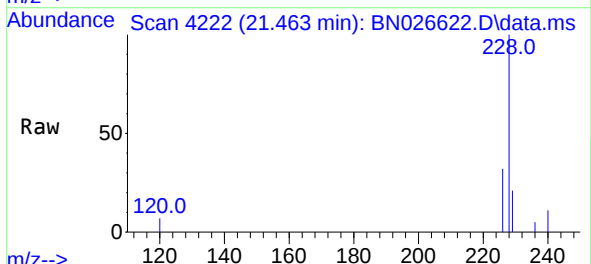
Manual Integrations
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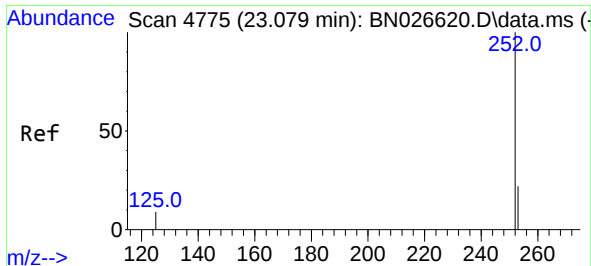
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023



#22
Chrysene
Concen: 0.310 ng/u1
RT: 21.463 min Scan# 4222
Delta R.T. 0.012 min
Lab File: BN026622.D
Acq: 21 Jul 2023 10:50

Tgt Ion:228 Resp: 6558
Ion Ratio Lower Upper
228 100
226 31.9 25.2 37.8
229 20.8 16.4 24.6





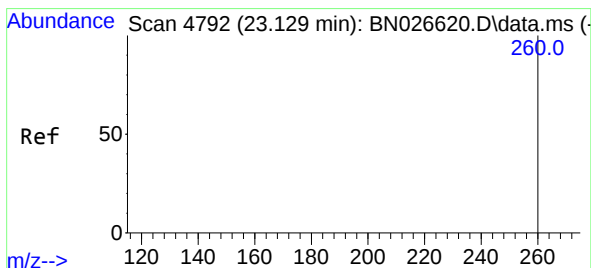
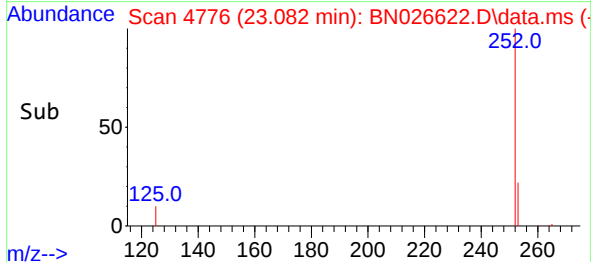
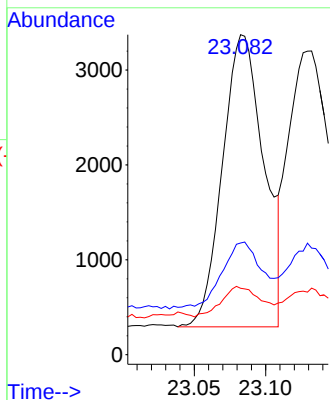
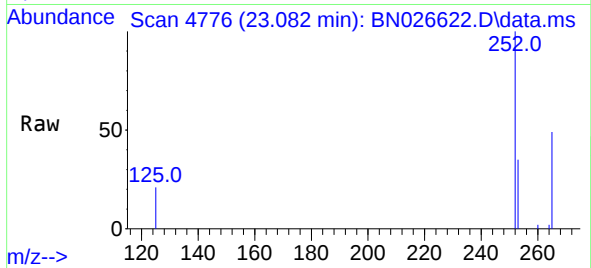
#24
Benzo(b)fluoranthene
Concen: 0.284 ng/ul
RT: 23.082 min Scan# 4775
Delta R.T. 0.015 min
Lab File: BN026622.D
Acq: 21 Jul 2023 10:50

Instrument :
BNA_N
ClientSampleId :
SLCS070

Tgt Ion:252 Resp: 6215
Ion Ratio Lower Upper
252 100
253 34.9 0.0 68.6
125 20.8 0.0 34.0

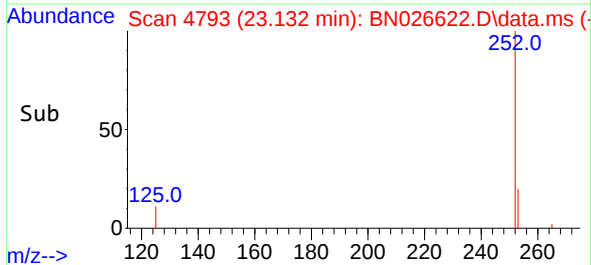
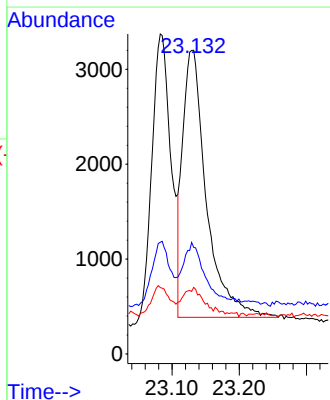
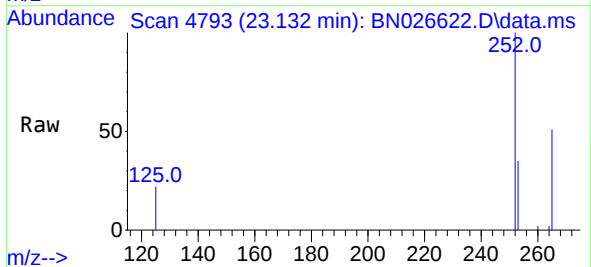
Manual Integrations
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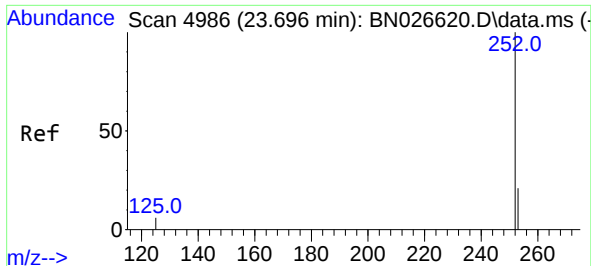
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023



#25
Benzo(k)fluoranthene
Concen: 0.300 ng/ul
RT: 23.132 min Scan# 4793
Delta R.T. 0.020 min
Lab File: BN026622.D
Acq: 21 Jul 2023 10:50

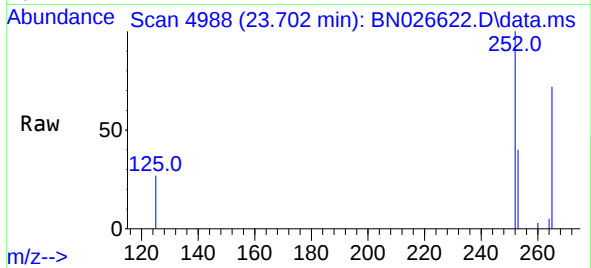
Tgt Ion:252 Resp: 6898
Ion Ratio Lower Upper
252 100
253 35.1 27.2 40.8
125 21.9 13.4 20.2#





#26
Benzo(a)pyrene
Concen: 0.297 ng/ul
RT: 23.702 min Scan# 4988
Delta R.T. 0.018 min
Lab File: BN026622.D
Acq: 21 Jul 2023 10:50

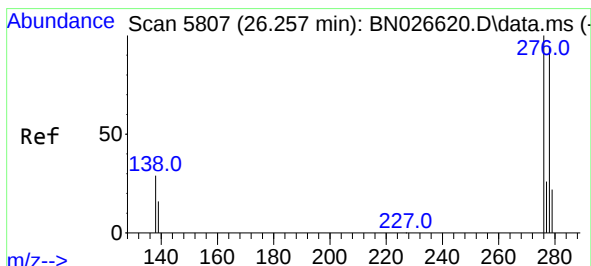
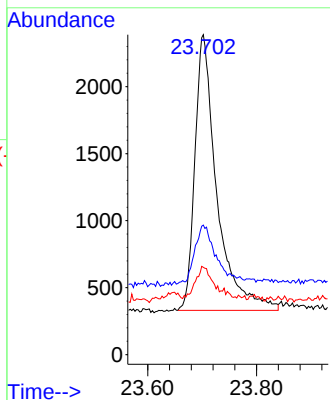
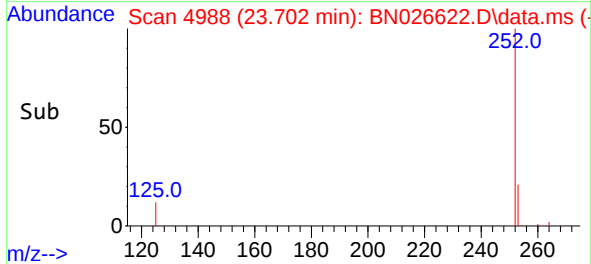
Instrument :
BNA_N
ClientSampleId :
SLCS070



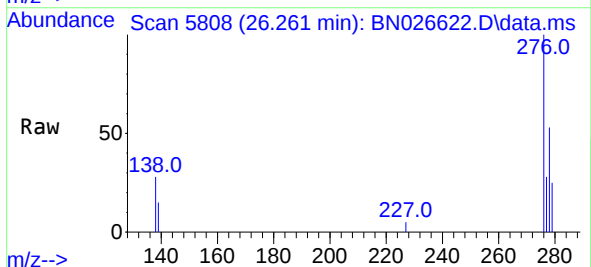
Tgt Ion:252 Resp: 5790
Ion Ratio Lower Upper
252 100
253 40.5 32.6 49.0
125 27.3 19.3 28.9

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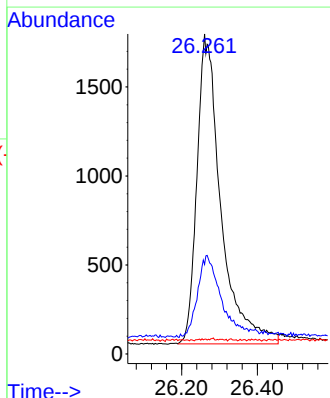
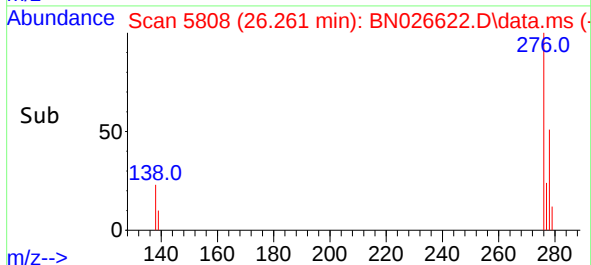
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023

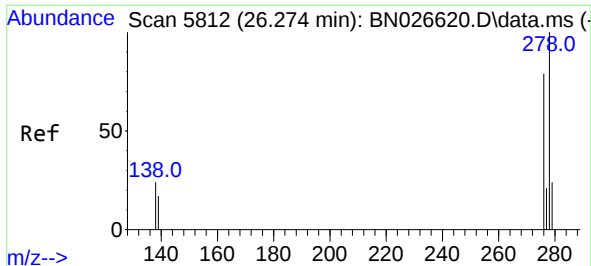


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.298 ng/ul
RT: 26.261 min Scan# 5808
Delta R.T. 0.013 min
Lab File: BN026622.D
Acq: 21 Jul 2023 10:50



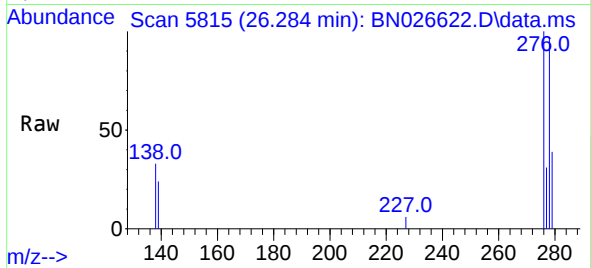
Tgt Ion:276 Resp: 7625
Ion Ratio Lower Upper
276 100
138 25.7 22.2 33.4
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.299 ng/ul
RT: 26.284 min Scan# 5815
Delta R.T. 0.026 min
Lab File: BN026622.D
Acq: 21 Jul 2023 10:50

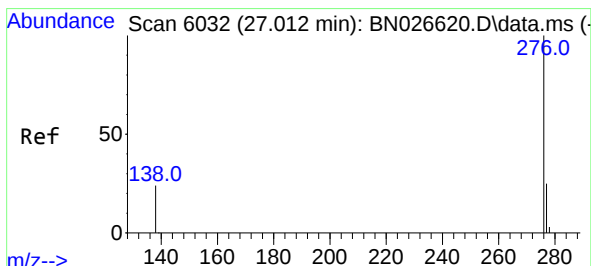
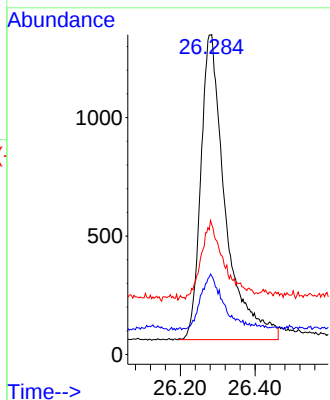
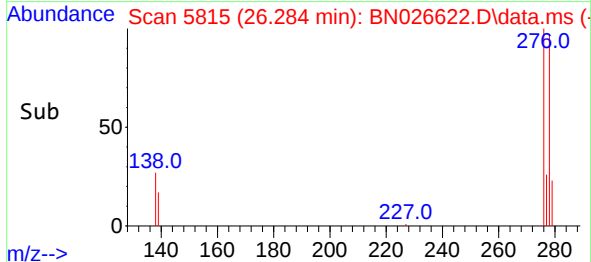
Instrument :
BNA_N
ClientSampleId :
SLCS070



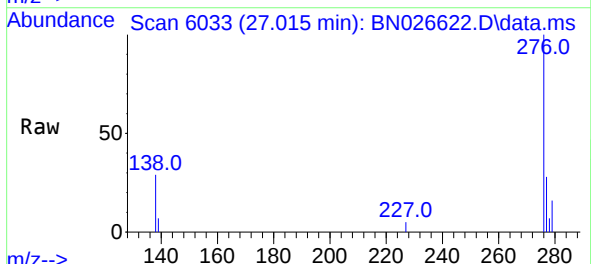
Tgt Ion:278 Resp: 5868
Ion Ratio Lower Upper
278 100
139 24.5 18.9 28.3
279 40.6 31.3 46.9

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Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023



#29
Benzo(g,h,i)perylene
Concen: 0.298 ng/ul
RT: 27.015 min Scan# 6033
Delta R.T. 0.016 min
Lab File: BN026622.D
Acq: 21 Jul 2023 10:50



Tgt Ion:276 Resp: 6721
Ion Ratio Lower Upper
276 100
138 28.6 22.6 34.0
277 27.8 21.8 32.8

