

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070523\
 Data File : BN026322.D
 Acq On : 06 Jul 2023 10:04
 Operator : MA/JU
 Sample : 03248-20MS
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGK2MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/06/2023
 Supervised By :Sohil Jodhani 07/06/2023

Quant Time: Jul 06 10:33:23 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 05 00:03:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.938	152	6431	0.400	ng/ul	0.00
4) Naphthalene-d8	10.747	136	21716	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.579	164	12583	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.330	188	25154	0.400	ng/ul	-0.01
17) Chrysene-d12	21.528	240	14841	0.400	ng/ul	0.00
23) Perylene-d12	23.989	264	16174	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.310	96	1856	0.256	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.342	152	5592	0.167	ng/ul	0.00
18) Fluoranthene-d10	19.363	212	11770	0.208	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.343	88	4667	0.607	ng/ul#	83
5) Naphthalene	10.796	128	14008	0.225	ng/ul	98
7) 2-Methylnaphthalene	12.413	142	8584	0.217	ng/ul	100
8) 1-Methylnaphthalene	12.628	142	8077	0.197	ng/ul	100
10) Acenaphthylene	14.301	152	13509	0.229	ng/ul	98
11) Acenaphthene	14.644	153	8926	0.185	ng/ul	100
12) Fluorene	15.634	166	9872	0.179	ng/ul	99
14) Pentachlorophenol	16.992	266	1533	0.170	ng/ul	99
15) Phenanthrene	17.372	178	39220	0.472	ng/ul	100
16) Anthracene	17.469	178	18042	0.244	ng/ul	97
19) Fluoranthene	19.390	202	90880	1.146	ng/ul	99
20) Pyrene	19.758	202	80365	0.975	ng/ul	96
21) Benzo(a)anthracene	21.511	228	42342	0.692	ng/ul	97
22) Chrysene	21.566	228	53310	0.837	ng/ul	98
24) Benzo(b)fluoranthene	23.238	252	75463m	1.093	ng/ul	
25) Benzo(k)fluoranthene	23.279	252	36333m	0.524	ng/ul	
26) Benzo(a)pyrene	23.872	252	45385	0.757	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.550	276	49182	0.751	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.557	278	18469	0.373	ng/ul	97
29) Benzo(g,h,i)perylene	27.335	276	48049	0.825	ng/ul	97

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

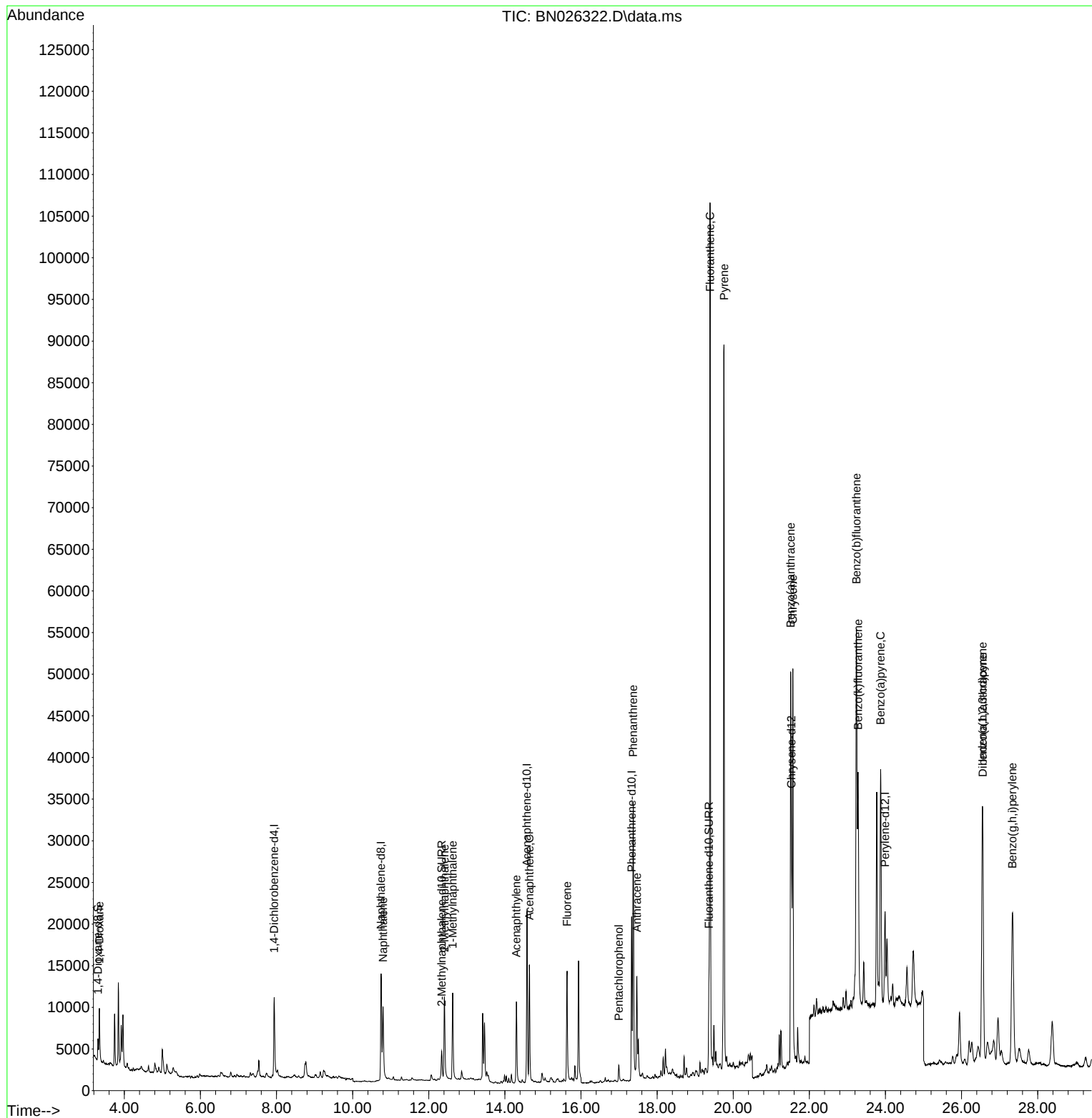
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070523\
Data File : BN026322.D
Acq On : 06 Jul 2023 10:04
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Misc :
ALS Vial : 41 Sample Multiplier: 1

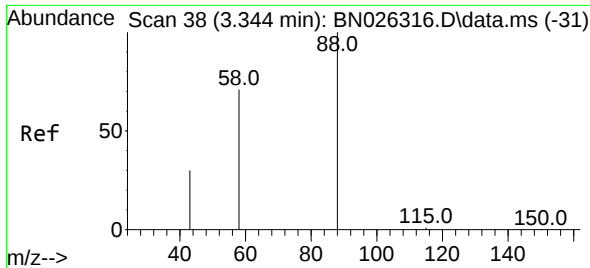
Instrument :
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ClientSampleId :
DCGK2MS

Quant Time: Jul 06 10:33:23 2023
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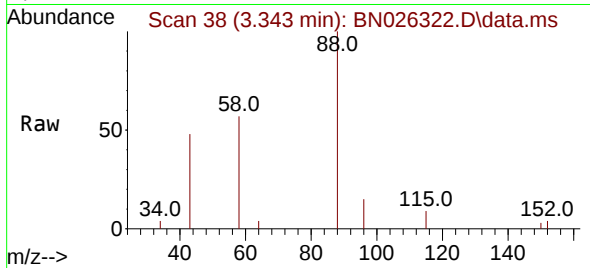
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023





#2
1,4-Dioxane
Concen: 0.607 ng/ul
RT: 3.343 min Scan# 38
Delta R.T. -0.008 min
Lab File: BN026322.D
Acq: 06 Jul 2023 10:04

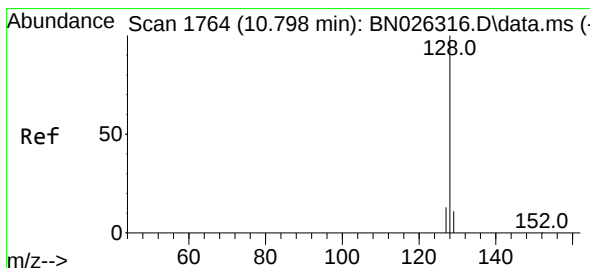
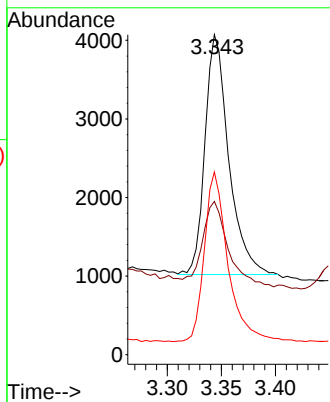
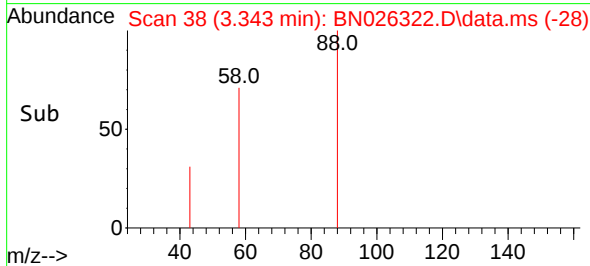
Instrument :
BNA_N
ClientSampleId :
DCGK2MS



Tgt Ion: 88 Resp: 466
Ion Ratio Lower Upper
88 100
43 47.9 29.5 44.3
58 57.1 37.4 56.2

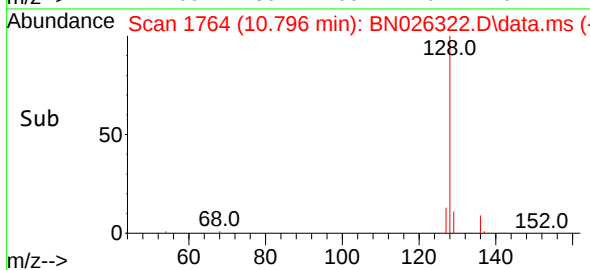
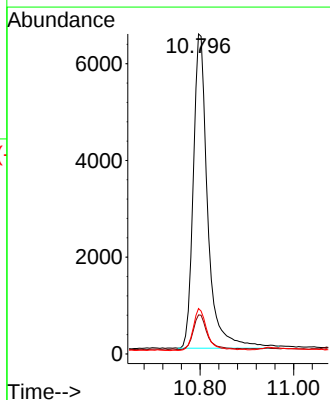
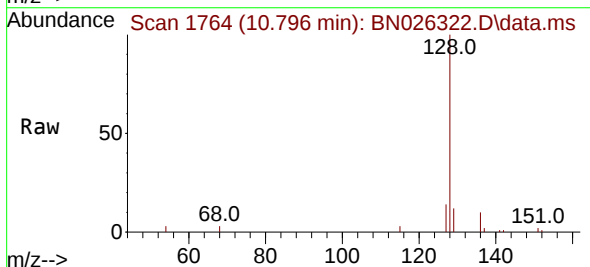
Manual Integrations
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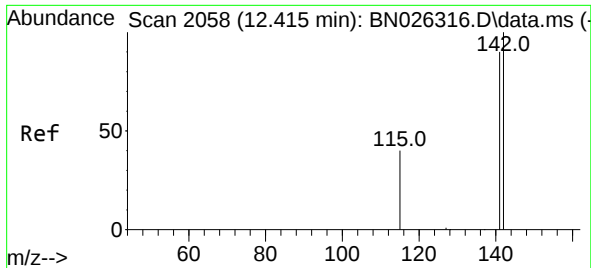
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#5
Naphthalene
Concen: 0.225 ng/ul
RT: 10.796 min Scan# 1764
Delta R.T. -0.012 min
Lab File: BN026322.D
Acq: 06 Jul 2023 10:04

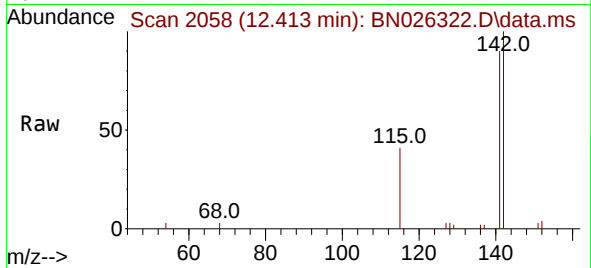
Tgt Ion:128 Resp: 14008
Ion Ratio Lower Upper
128 100
129 12.2 9.1 13.7
127 14.2 10.7 16.1





#7
2-Methylnaphthalene
Concen: 0.217 ng/ul
RT: 12.413 min Scan# 2058
Delta R.T. -0.007 min
Lab File: BN026322.D
Acq: 06 Jul 2023 10:04

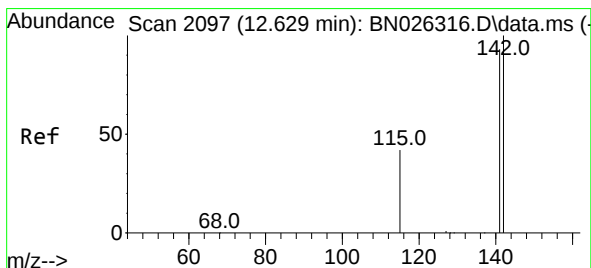
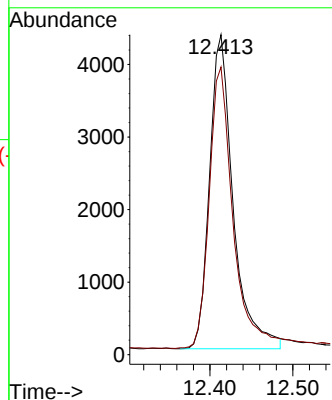
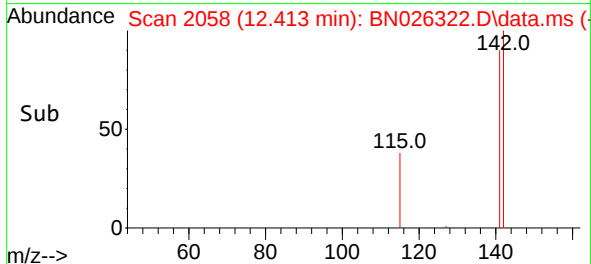
Instrument :
BNA_N
ClientSampleId :
DCGK2MS



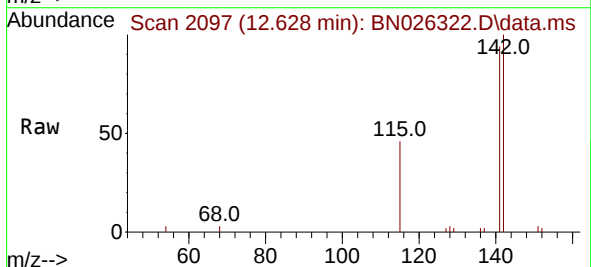
Tgt Ion:142 Resp: 8584
Ion Ratio Lower Upper
142 100
141 90.3 71.9 107.9

Manual Integrations
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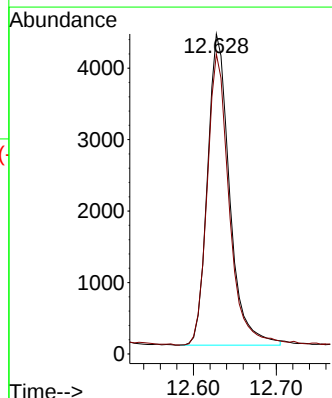
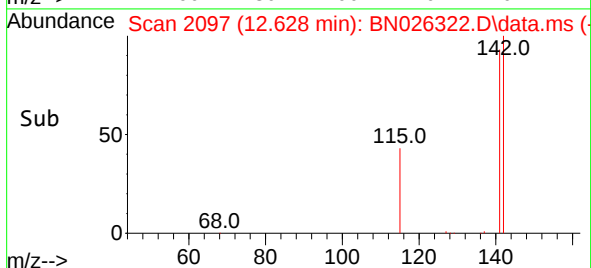
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023

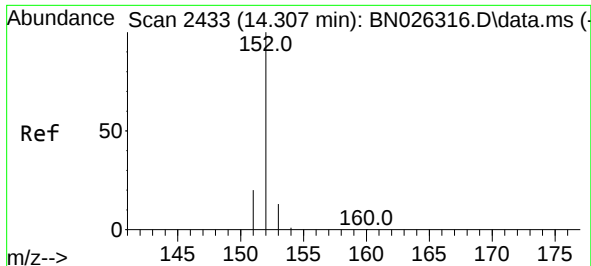


#8
1-Methylnaphthalene
Concen: 0.197 ng/ul
RT: 12.628 min Scan# 2097
Delta R.T. -0.012 min
Lab File: BN026322.D
Acq: 06 Jul 2023 10:04



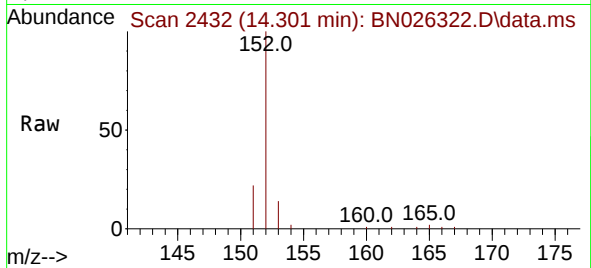
Tgt Ion:142 Resp: 8077
Ion Ratio Lower Upper
142 100
141 92.9 74.2 111.4





#10
Acenaphthylene
Concen: 0.229 ng/ul
RT: 14.301 min Scan# 2433
Delta R.T. -0.010 min
Lab File: BN026322.D
Acq: 06 Jul 2023 10:04

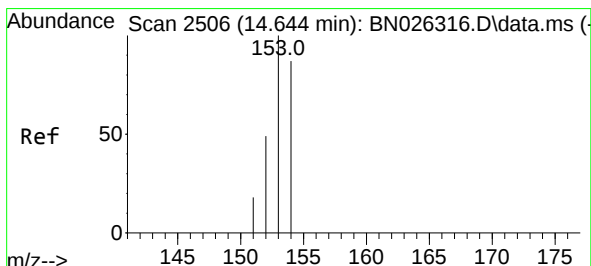
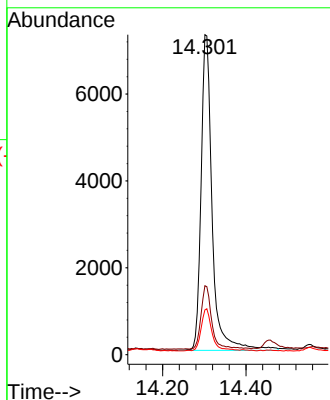
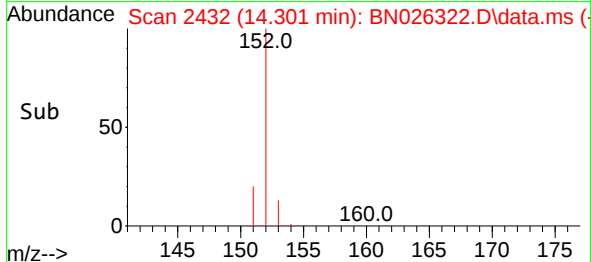
Instrument :
BNA_N
ClientSampleId :
DCGK2MS



Tgt Ion:152 Resp: 13509
Ion Ratio Lower Upper
152 100
151 21.5 16.2 24.4
153 14.0 10.9 16.3

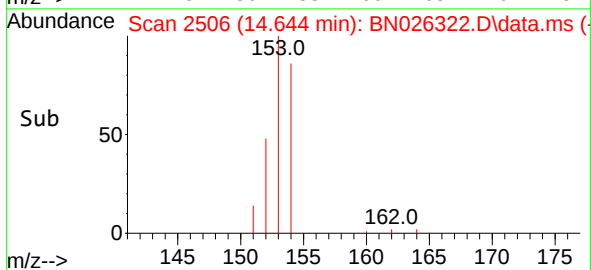
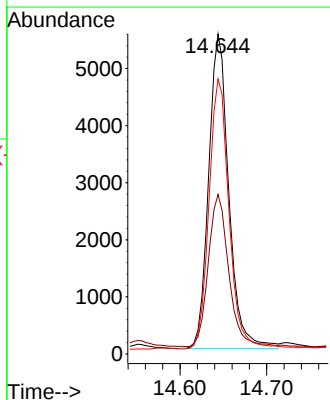
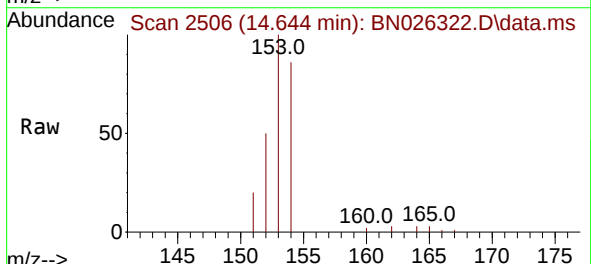
Manual Integrations
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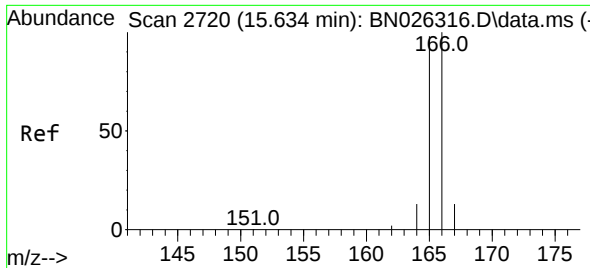
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#11
Acenaphthene
Concen: 0.185 ng/ul
RT: 14.644 min Scan# 2506
Delta R.T. -0.010 min
Lab File: BN026322.D
Acq: 06 Jul 2023 10:04

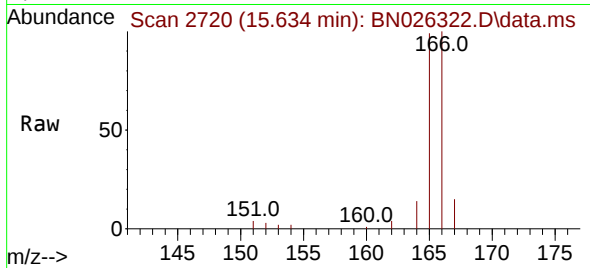
Tgt Ion:153 Resp: 8926
Ion Ratio Lower Upper
153 100
152 49.9 39.4 59.0
154 85.9 68.9 103.3





#12
Fluorene
Concen: 0.179 ng/ul
RT: 15.634 min Scan# 21
Delta R.T. -0.010 min
Lab File: BN026322.D
Acq: 06 Jul 2023 10:04

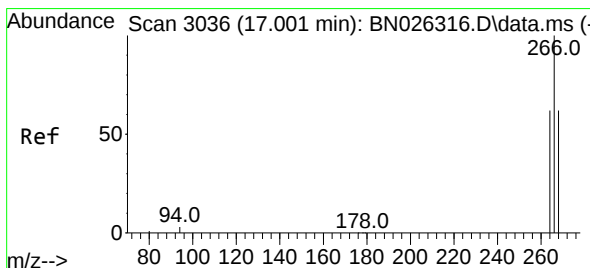
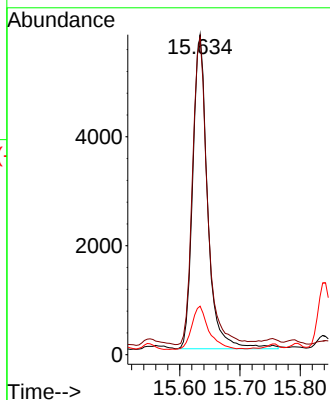
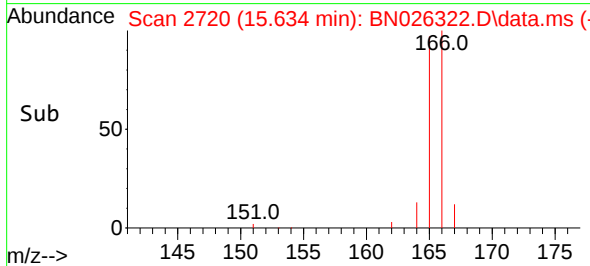
Instrument :
BNA_N
ClientSampleId :
DCGK2MS



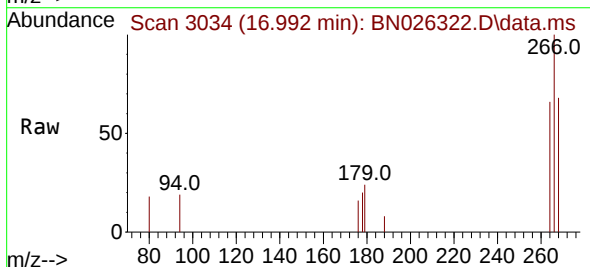
Tgt Ion:166 Resp: 987
Ion Ratio Lower Upper
166 100
165 99.2 79.9 119.9
167 15.1 10.8 16.2

Manual Integrations
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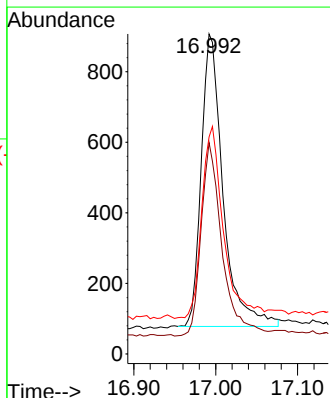
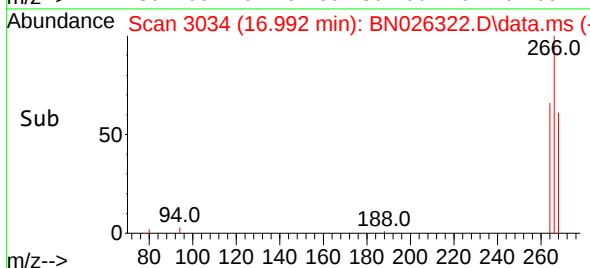
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023

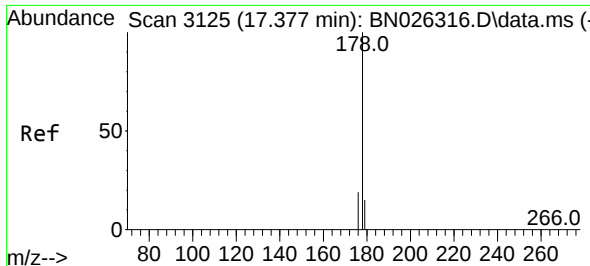


#14
Pentachlorophenol
Concen: 0.170 ng/ul
RT: 16.992 min Scan# 3034
Delta R.T. -0.014 min
Lab File: BN026322.D
Acq: 06 Jul 2023 10:04



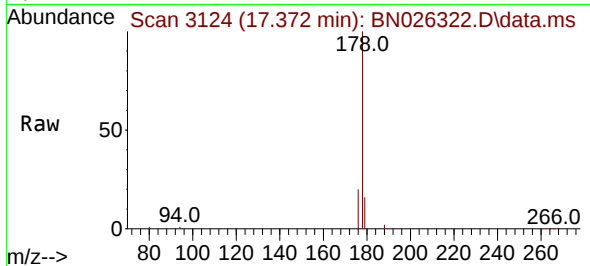
Tgt Ion:266 Resp: 1533
Ion Ratio Lower Upper
266 100
264 64.0 50.5 75.7
268 65.7 51.6 77.4





#15
Phenanthrene
Concen: 0.472 ng/ul
RT: 17.372 min Scan# 3125
Delta R.T. -0.014 min
Lab File: BN026322.D
Acq: 06 Jul 2023 10:04

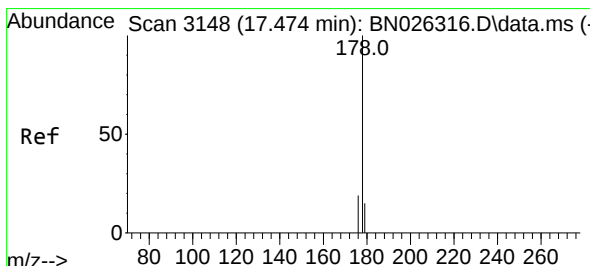
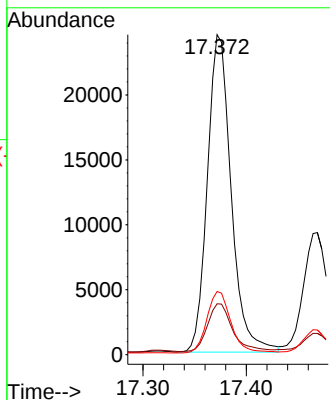
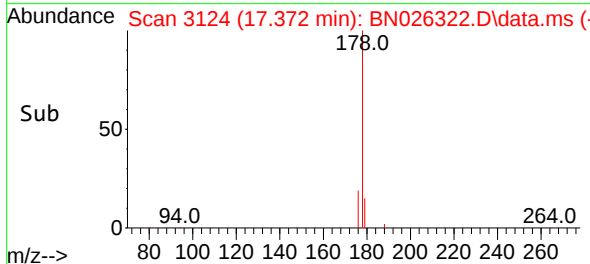
Instrument :
BNA_N
ClientSampleId :
DCGK2MS



Tgt Ion:178 Resp: 39220
Ion Ratio Lower Upper
178 100
179 15.9 12.6 19.0
176 19.7 15.8 23.6

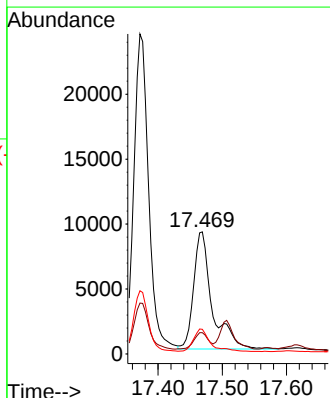
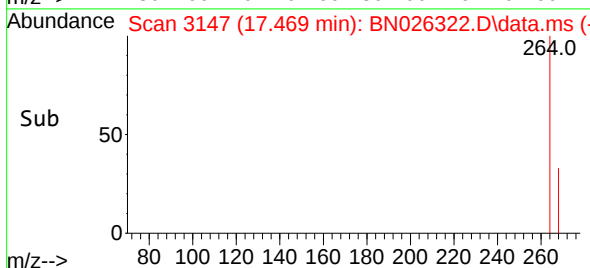
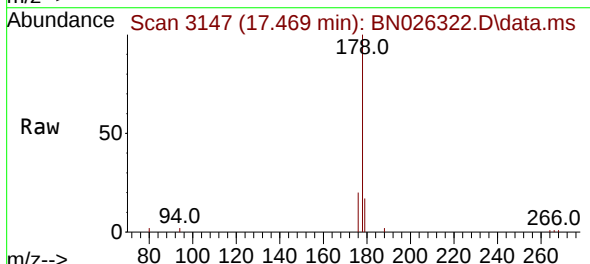
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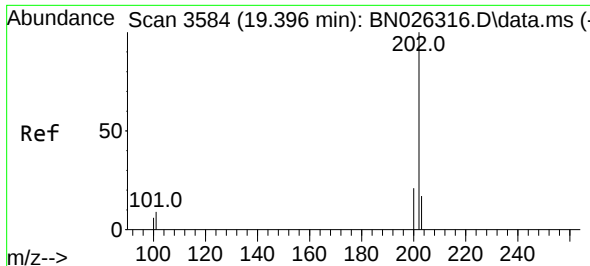
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#16
Anthracene
Concen: 0.244 ng/ul
RT: 17.469 min Scan# 3147
Delta R.T. -0.010 min
Lab File: BN026322.D
Acq: 06 Jul 2023 10:04

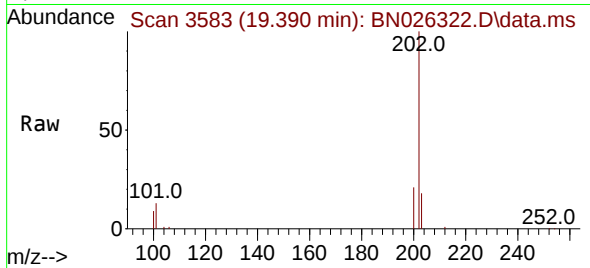
Tgt Ion:178 Resp: 18042
Ion Ratio Lower Upper
178 100
179 17.4 12.6 18.8
176 20.2 15.1 22.7





#19
Fluoranthene
Concen: 1.146 ng/ul
RT: 19.390 min Scan# 3584
Delta R.T. -0.011 min
Lab File: BN026322.D
Acq: 06 Jul 2023 10:04

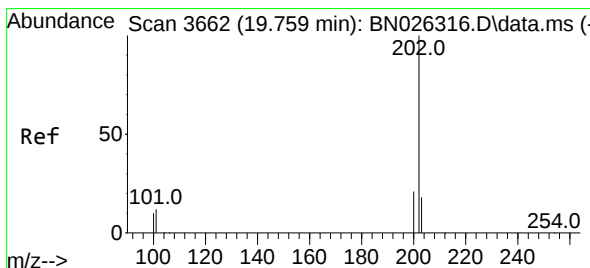
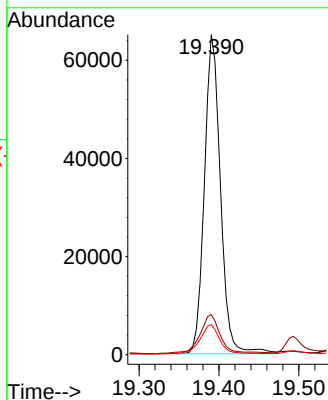
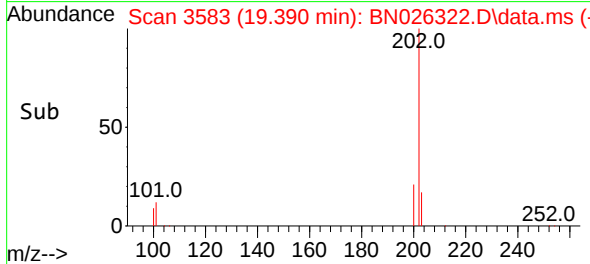
Instrument :
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DCGK2MS



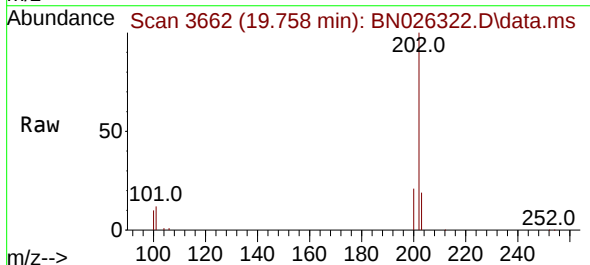
Tgt Ion:202 Resp: 90880
Ion Ratio Lower Upper
202 100
101 12.5 9.5 14.3
100 9.4 7.3 10.9

Manual Integrations
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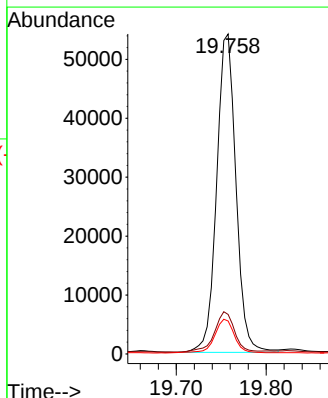
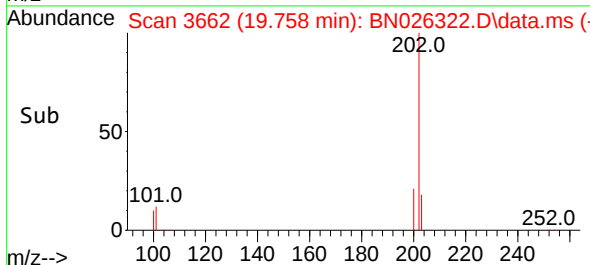
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023

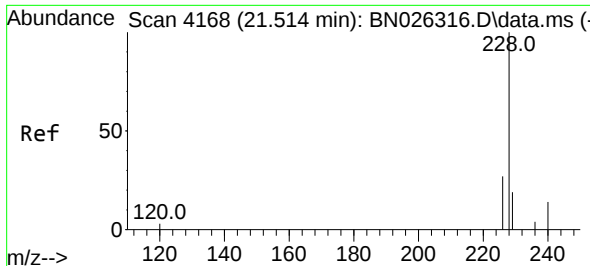


#20
Pyrene
Concen: 0.975 ng/ul
RT: 19.758 min Scan# 3662
Delta R.T. -0.006 min
Lab File: BN026322.D
Acq: 06 Jul 2023 10:04



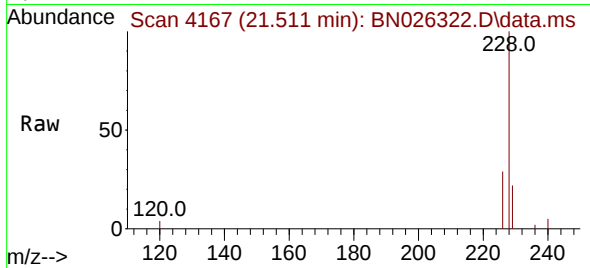
Tgt Ion:202 Resp: 80365
Ion Ratio Lower Upper
202 100
101 12.4 11.4 17.0
100 10.3 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.692 ng/ul
RT: 21.511 min Scan# 4167
Delta R.T. -0.005 min
Lab File: BN026322.D
Acq: 06 Jul 2023 10:04

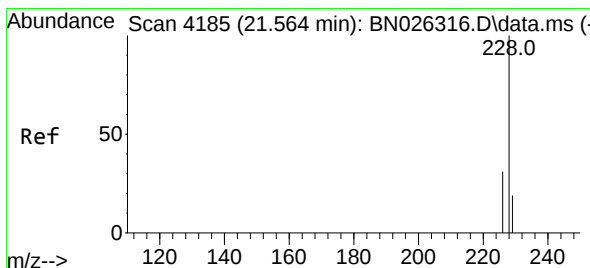
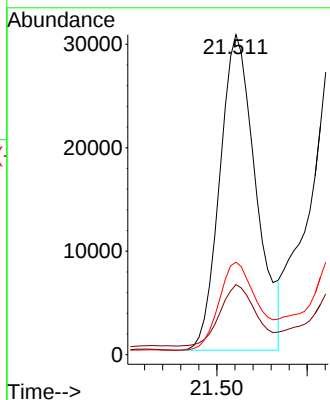
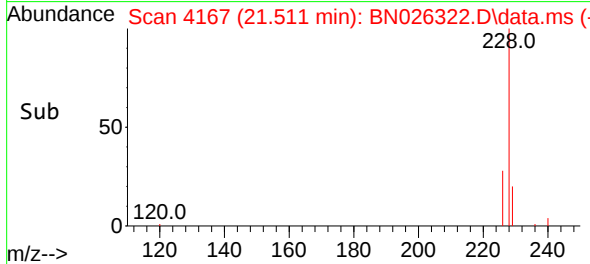
Instrument :
BNA_N
ClientSampleId :
DCGK2MS



Tgt Ion:228 Resp: 4234
Ion Ratio Lower Upper
228 100
229 21.9 15.8 23.6
226 28.9 22.5 33.7

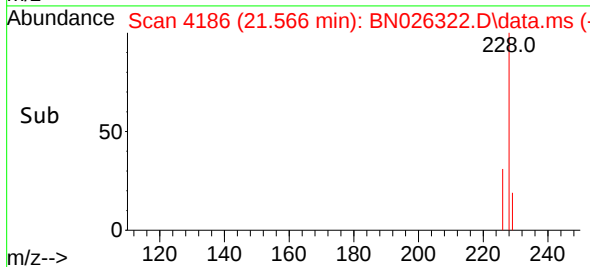
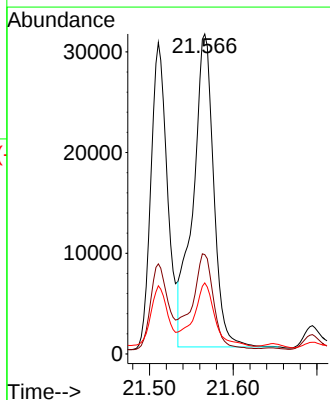
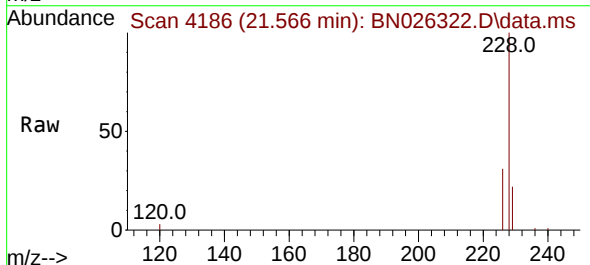
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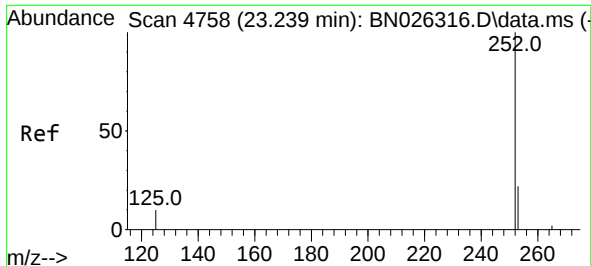
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#22
Chrysene
Concen: 0.837 ng/ul
RT: 21.566 min Scan# 4186
Delta R.T. -0.005 min
Lab File: BN026322.D
Acq: 06 Jul 2023 10:04

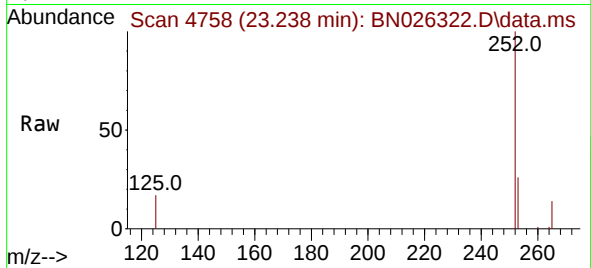
Tgt Ion:228 Resp: 53310
Ion Ratio Lower Upper
228 100
226 31.0 24.8 37.2
229 22.2 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 1.093 ng/ul m
RT: 23.238 min Scan# 4758
Delta R.T. -0.008 min
Lab File: BN026322.D
Acq: 06 Jul 2023 10:04

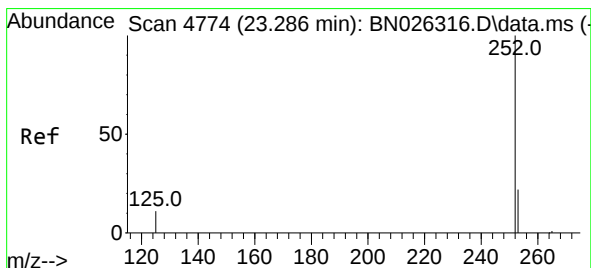
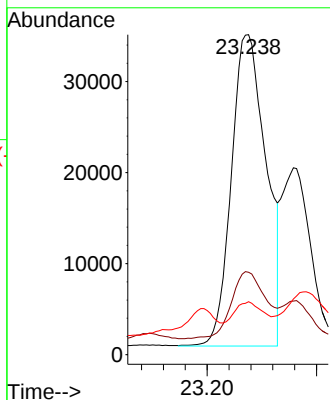
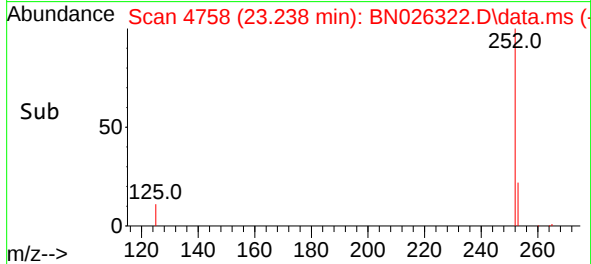
Instrument :
BNA_N
ClientSampleId :
DCGK2MS



Tgt Ion:252 Resp: 75461
Ion Ratio Lower Upper
252 100
253 25.8 0.0 55.6
125 16.6 0.0 35.8

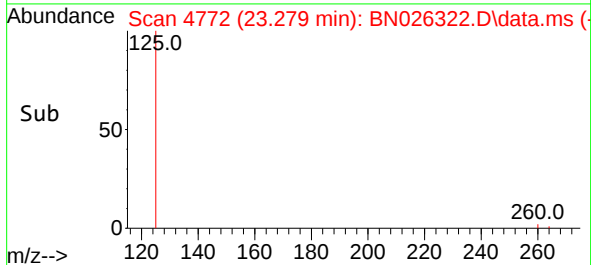
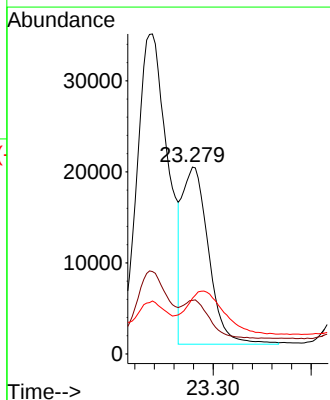
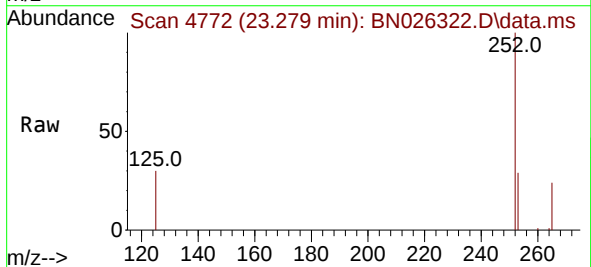
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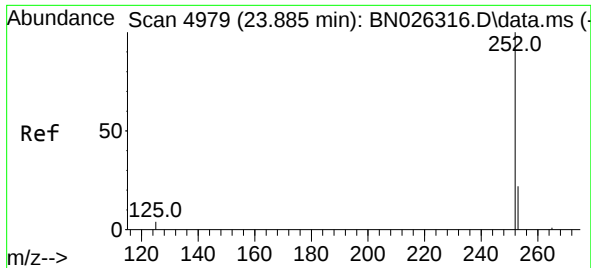
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#25
Benzo(k)fluoranthene
Concen: 0.524 ng/ul m
RT: 23.279 min Scan# 4772
Delta R.T. -0.013 min
Lab File: BN026322.D
Acq: 06 Jul 2023 10:04

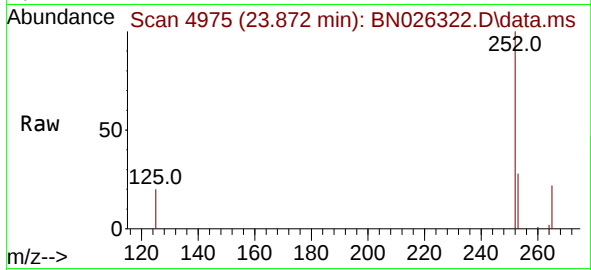
Tgt Ion:252 Resp: 36333
Ion Ratio Lower Upper
252 100
253 28.7 23.2 34.8
125 29.8 15.0 22.4#





#26
Benzo(a)pyrene
Concen: 0.757 ng/ul
RT: 23.872 min Scan# 4975
Delta R.T. -0.016 min
Lab File: BN026322.D
Acq: 06 Jul 2023 10:04

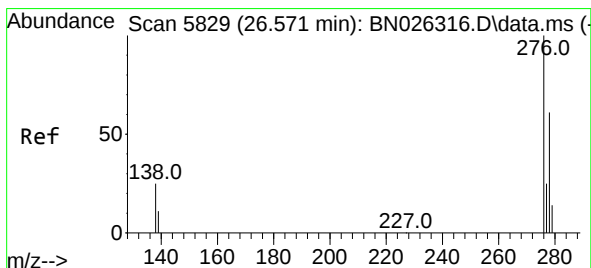
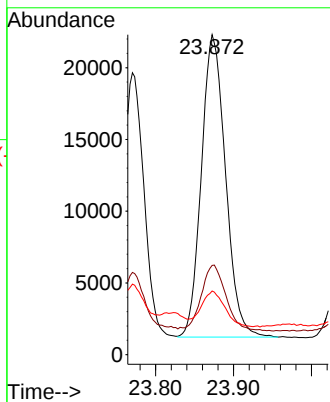
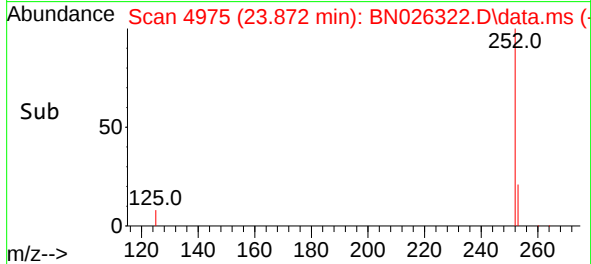
Instrument :
BNA_N
ClientSampleId :
DCGK2MS



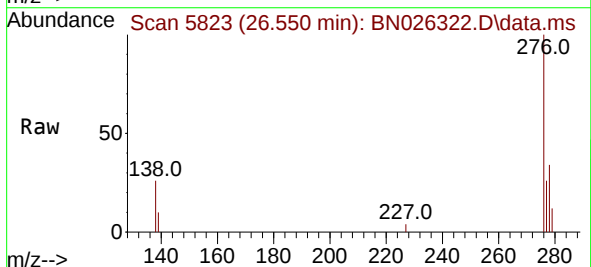
Tgt Ion:252 Resp: 45385
Ion Ratio Lower Upper
252 100
253 27.9 26.0 39.0
125 19.9 17.3 25.9

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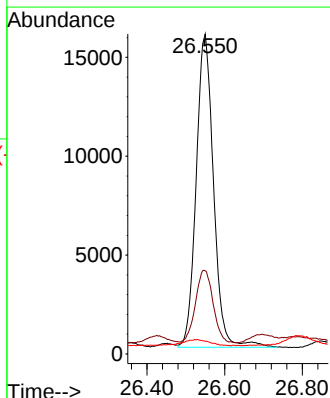
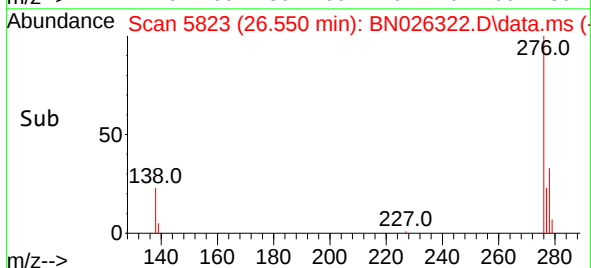
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023

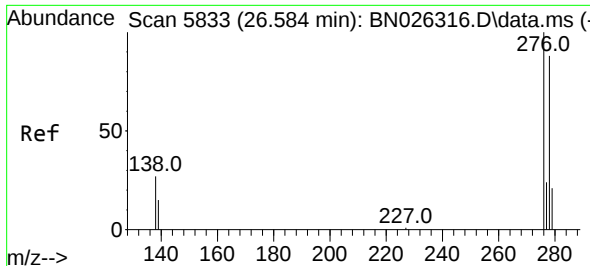


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.751 ng/ul
RT: 26.550 min Scan# 5823
Delta R.T. -0.032 min
Lab File: BN026322.D
Acq: 06 Jul 2023 10:04



Tgt Ion:276 Resp: 49182
Ion Ratio Lower Upper
276 100
138 23.5 24.5 36.7#
227 0.0 0.0 0.0





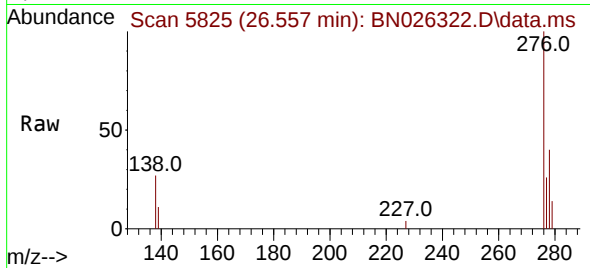
#28
Dibenzo(a,h)anthracene
Concen: 0.373 ng/ul
RT: 26.557 min Scan# 5825
Delta R.T. -0.039 min
Lab File: BN026322.D
Acq: 06 Jul 2023 10:04

Instrument :

BNA_N

ClientSampleId :

DCGK2MS

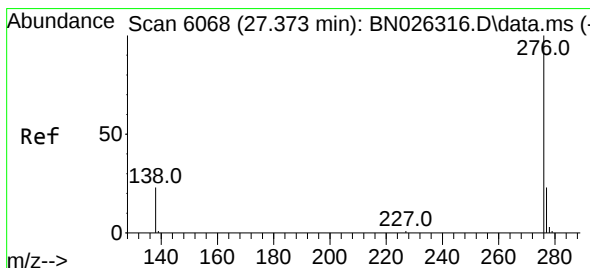
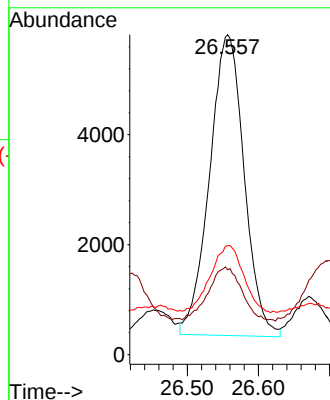


Tgt Ion:278 Resp: 18469
Ion Ratio Lower Upper
278 100
139 26.5 19.0 28.4
279 34.1 26.7 40.1

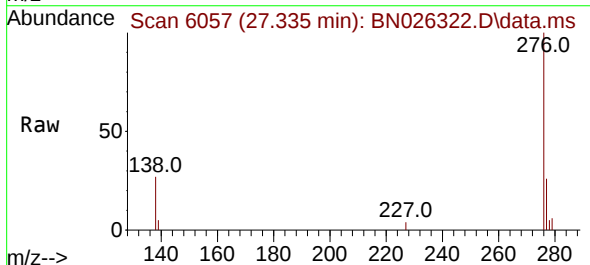
Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#29
Benzo(g,h,i)perylene
Concen: 0.825 ng/ul
RT: 27.335 min Scan# 6057
Delta R.T. -0.045 min
Lab File: BN026322.D
Acq: 06 Jul 2023 10:04



Tgt Ion:276 Resp: 48049
Ion Ratio Lower Upper
276 100
138 26.5 23.4 35.0
277 25.5 20.0 30.0

