

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070523\
 Data File : BN026328.D
 Acq On : 06 Jul 2023 13:48
 Operator : MA/JU
 Sample : 03248-12DL 5X
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGP0DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 06 18:15:46 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 : Thu Jul 06 17:50:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.938	152	6759	0.400	ng/ul	0.00
4) Naphthalene-d8	10.747	136	22769	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.579	164	13194	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.334	188	25306	0.400	ng/ul	0.00
17) Chrysene-d12	21.528	240	14654	0.400	ng/ul	0.00
23) Perylene-d12	23.989	264	15563	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.310	96	4545	0.597	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.342	152	1285	0.037	ng/ul	0.00
18) Fluoranthene-d10	19.363	212	2375	0.043	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.796	128	3857	0.059	ng/ul#	93
7) 2-Methylnaphthalene	12.419	142	2153	0.052	ng/ul	99
8) 1-Methylnaphthalene	12.633	142	1793	0.042	ng/ul	99
10) Acenaphthylene	14.301	152	12467	0.202	ng/ul	98
11) Acenaphthene	14.644	153	1438	0.028	ng/ul	95
12) Fluorene	15.629	166	2878	0.050	ng/ul#	96
15) Phenanthrene	17.372	178	50608	0.605	ng/ul	100
16) Anthracene	17.465	178	11077	0.149	ng/ul#	94
19) Fluoranthene	19.390	202	142695	1.823	ng/ul	98
20) Pyrene	19.753	202	116301	1.429	ng/ul	97
21) Benzo(a)anthracene	21.511	228	56717	0.938	ng/ul	96
22) Chrysene	21.563	228	64772	1.030	ng/ul	96
24) Benzo(b)fluoranthene	23.241	252	103733m	1.562	ng/ul	
25) Benzo(k)fluoranthene	23.279	252	31284m	0.469	ng/ul	
26) Benzo(a)pyrene	23.884	252	60372	1.046	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.563	276	50902	0.808	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.567	278	11987	0.251	ng/ul#	82
29) Benzo(g,h,i)perylene	27.368	276	40965	0.731	ng/ul	97

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

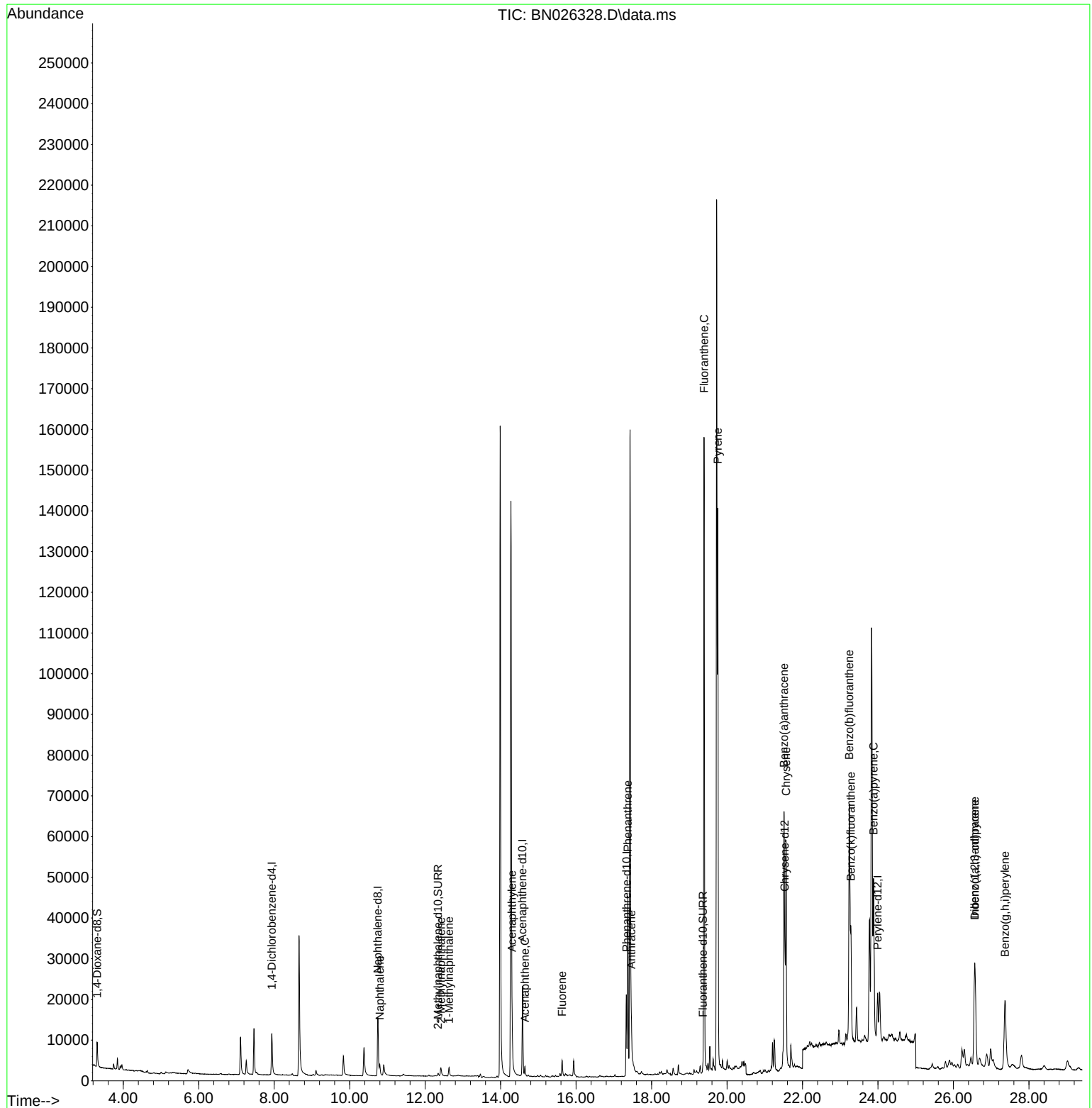
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070523\
Data File : BN026328.D
Acq On : 06 Jul 2023 13:48
Operator : MA/JU
Sample : 03248-12DL 5X
Misc :
ALS Vial : 47 Sample Multiplier: 1

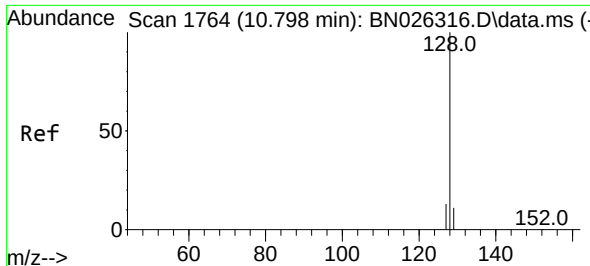
Instrument :
BNA_N
ClientSampleId :
DCGP0DL

Quant Time: Jul 06 18:15:46 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 : Thu Jul 06 17:50:03 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

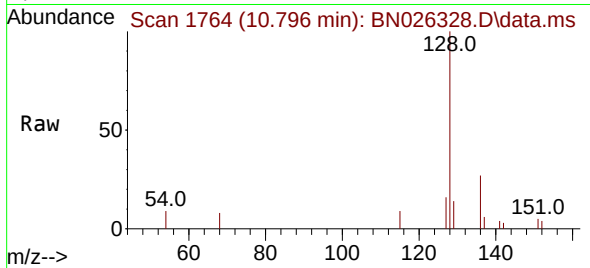
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023





#5
Naphthalene
Concen: 0.059 ng/ul
RT: 10.796 min Scan# 1764
Delta R.T. -0.001 min
Lab File: BN026328.D
Acq: 06 Jul 2023 13:48

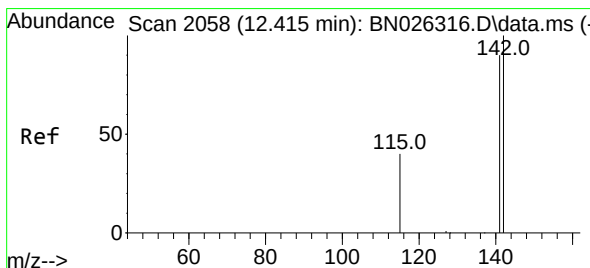
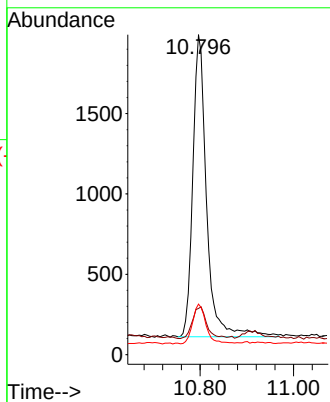
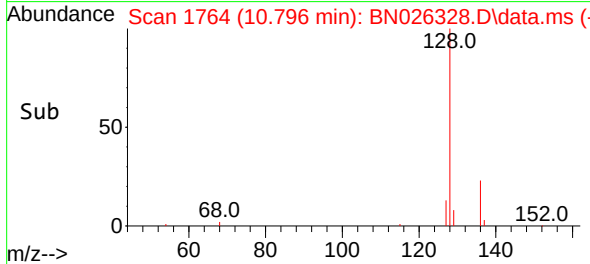
Instrument :
BNA_N
ClientSampleId :
DCGP0DL



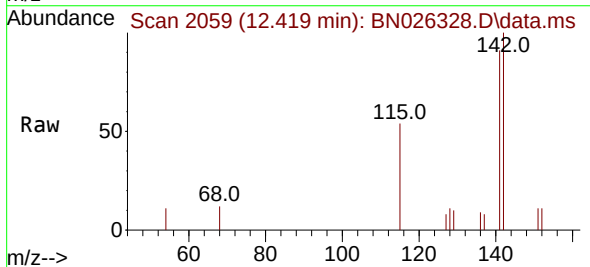
Tgt Ion:128 Resp: 385
Ion Ratio Lower Upper
128 100
129 14.5 9.1 13.7
127 15.8 10.7 16.1

Manual Integrations
APPROVED

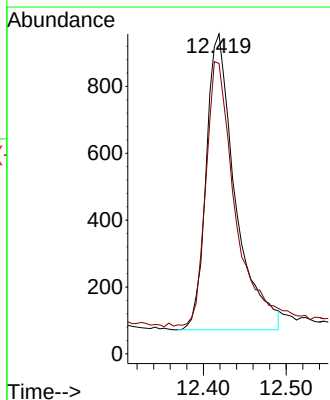
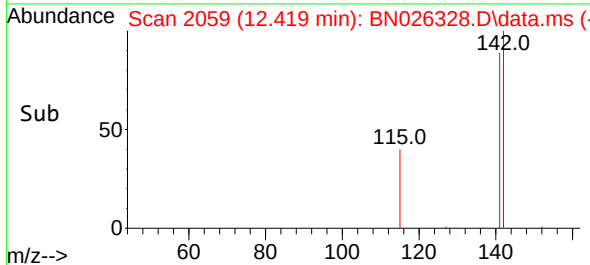
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023

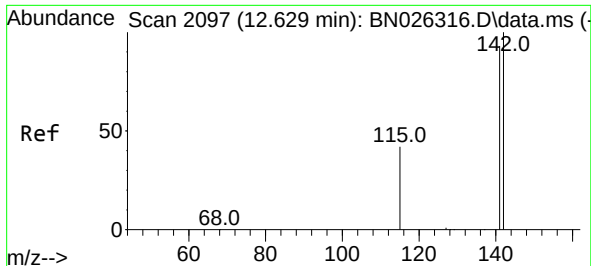


#7
2-Methylnaphthalene
Concen: 0.052 ng/ul
RT: 12.419 min Scan# 2059
Delta R.T. 0.004 min
Lab File: BN026328.D
Acq: 06 Jul 2023 13:48



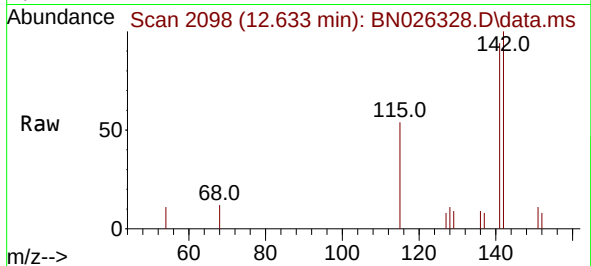
Tgt Ion:142 Resp: 2153
Ion Ratio Lower Upper
142 100
141 88.6 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.042 ng/ul
RT: 12.633 min Scan# 2098
Delta R.T. 0.004 min
Lab File: BN026328.D
Acq: 06 Jul 2023 13:48

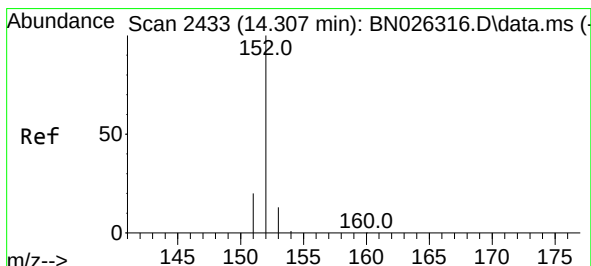
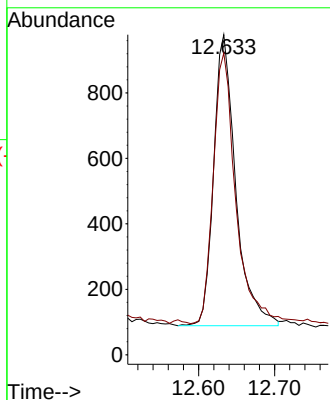
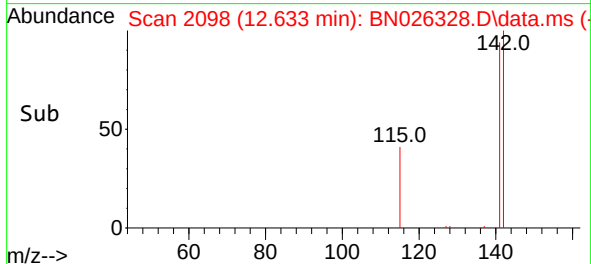
Instrument :
BNA_N
ClientSampleId :
DCGP0DL



Tgt Ion:142 Resp: 179
Ion Ratio Lower Upper
142 100
141 93.5 74.2 111.4

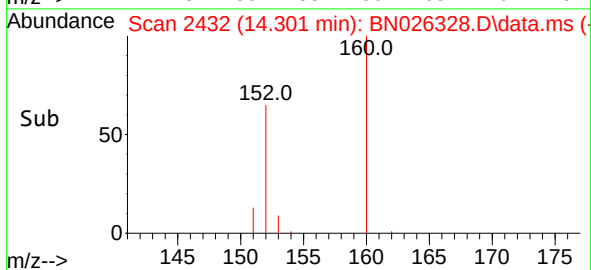
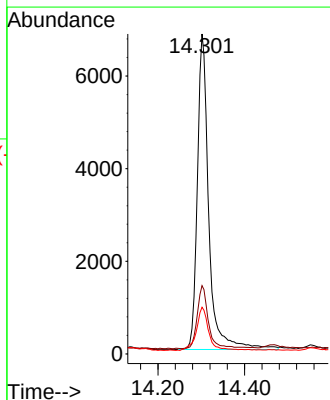
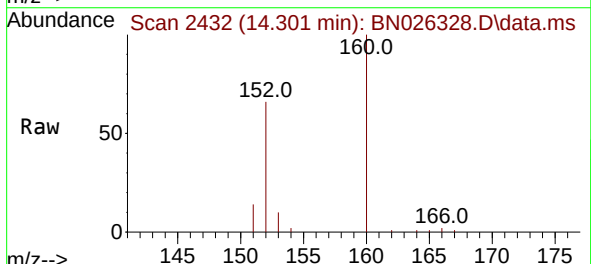
Manual Integrations
APPROVED

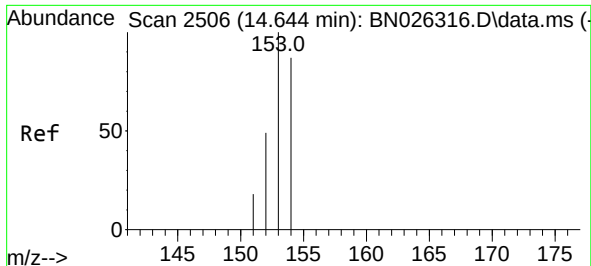
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#10
Acenaphthylene
Concen: 0.202 ng/ul
RT: 14.301 min Scan# 2432
Delta R.T. -0.005 min
Lab File: BN026328.D
Acq: 06 Jul 2023 13:48

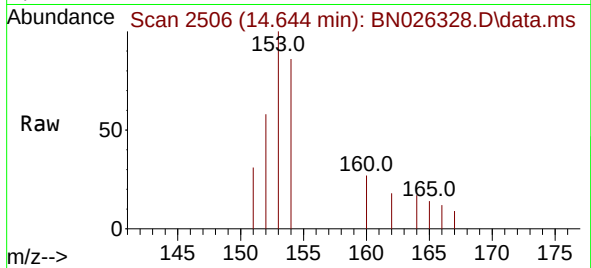
Tgt Ion:152 Resp: 12467
Ion Ratio Lower Upper
152 100
151 21.4 16.2 24.4
153 14.6 10.9 16.3





#11
Acenaphthene
Concen: 0.028 ng/ul
RT: 14.644 min Scan# 2506
Delta R.T. -0.000 min
Lab File: BN026328.D
Acq: 06 Jul 2023 13:48

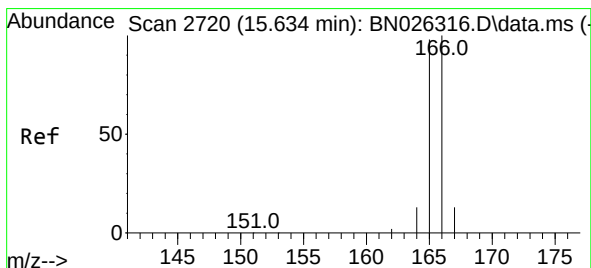
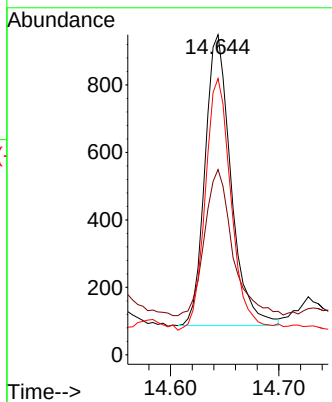
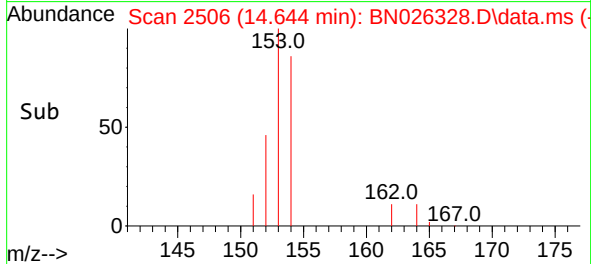
Instrument :
BNA_N
ClientSampleId :
DCGP0DL



Tgt Ion:153 Resp: 1438
Ion Ratio Lower Upper
153 100
152 57.9 39.4 59.0
154 86.3 68.9 103.3

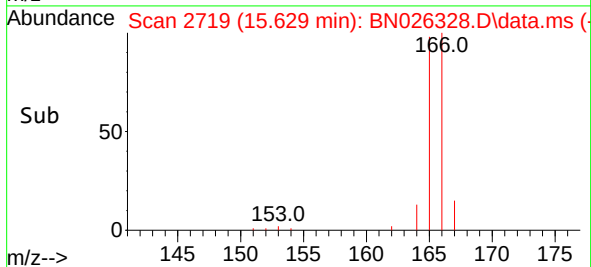
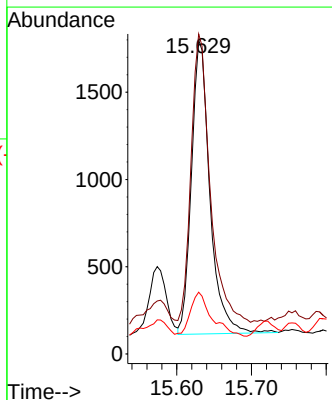
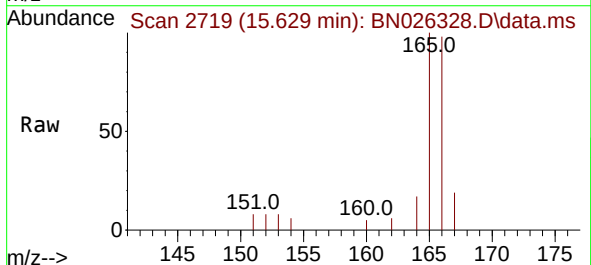
Manual Integrations
APPROVED

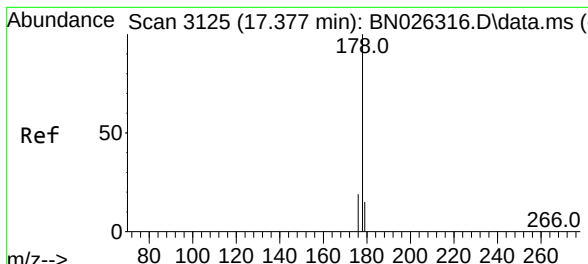
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#12
Fluorene
Concen: 0.050 ng/ul
RT: 15.629 min Scan# 2719
Delta R.T. -0.005 min
Lab File: BN026328.D
Acq: 06 Jul 2023 13:48

Tgt Ion:166 Resp: 2878
Ion Ratio Lower Upper
166 100
165 102.1 79.9 119.9
167 19.7 10.8 16.2#



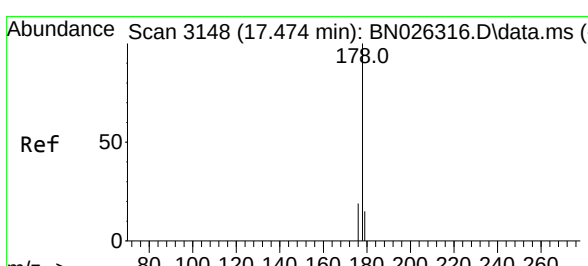
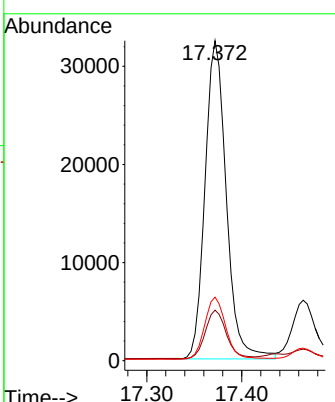
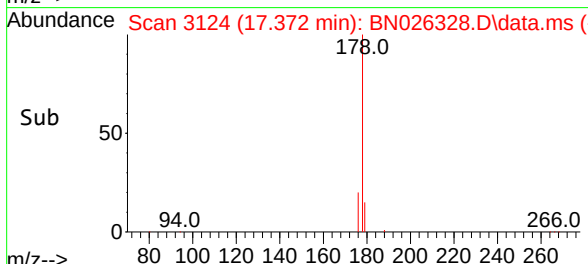
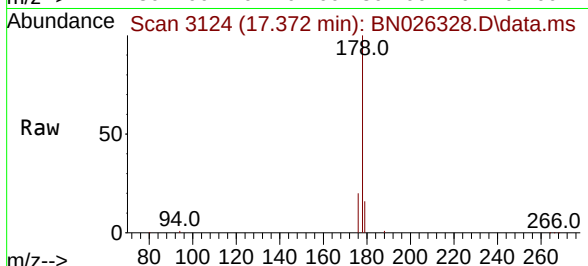


#15
 Phenanthrene
 Concen: 0.605 ng/u1
 RT: 17.372 min Scan# 3125
 Delta R.T. -0.005 min
 Lab File: BN026328.D
 Acq: 06 Jul 2023 13:48

Instrument : BNA_N
 ClientSampleId : DCGP0DL

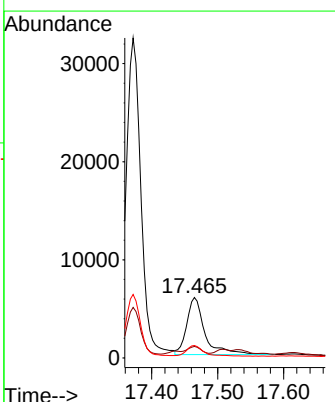
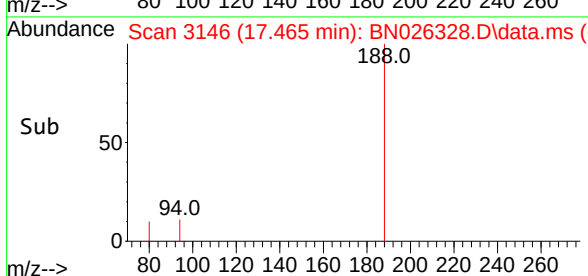
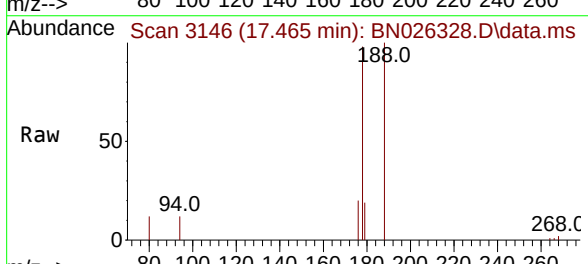
Tgt Ion:178	Resp: 50608
Ion Ratio	Lower Upper
178	100
179	15.8 12.6 19.0
176	19.9 15.8 23.6

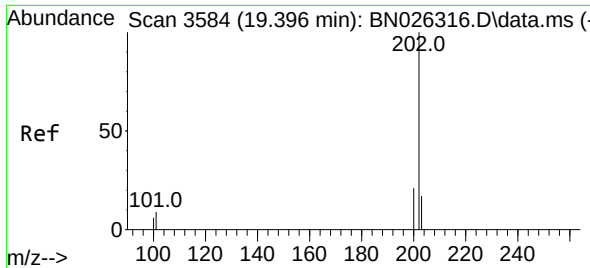
Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 07/06/2023
 Supervised By :Sohil Jodhani 07/06/2023



#16
 Anthracene
 Concen: 0.149 ng/u1
 RT: 17.465 min Scan# 3146
 Delta R.T. -0.009 min
 Lab File: BN026328.D
 Acq: 06 Jul 2023 13:48

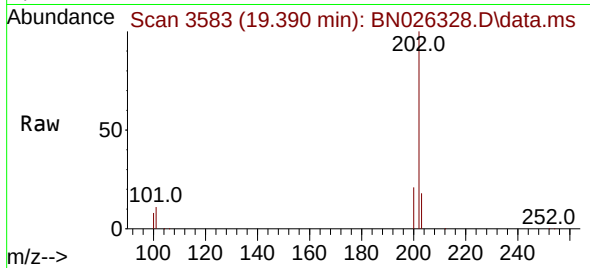
Tgt Ion:178	Resp: 11077
Ion Ratio	Lower Upper
178	100
179	19.1 12.6 18.8#
176	20.5 15.1 22.7





#19
Fluoranthene
Concen: 1.823 ng/ul
RT: 19.390 min Scan# 3583
Delta R.T. -0.006 min
Lab File: BN026328.D
Acq: 06 Jul 2023 13:48

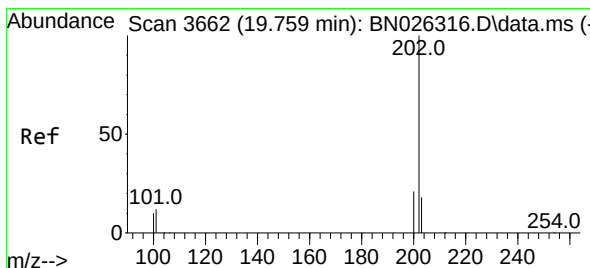
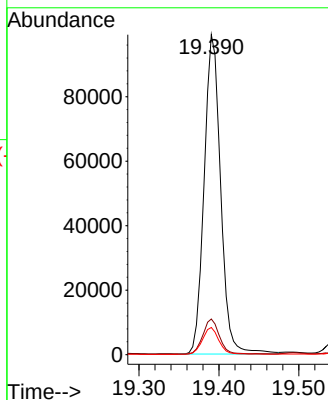
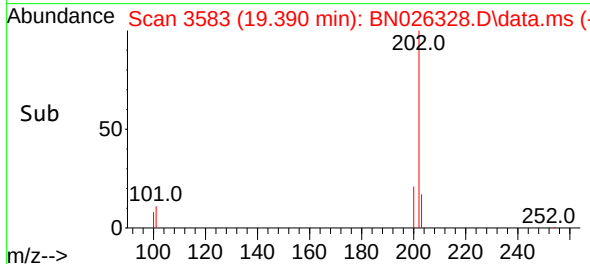
Instrument :
BNA_N
ClientSampleId :
DCGP0DL



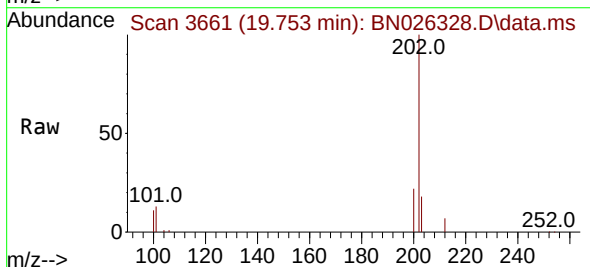
Tgt Ion:202 Resp: 142695
Ion Ratio Lower Upper
202 100
101 11.1 9.5 14.3
100 8.5 7.3 10.9

Manual Integrations
APPROVED

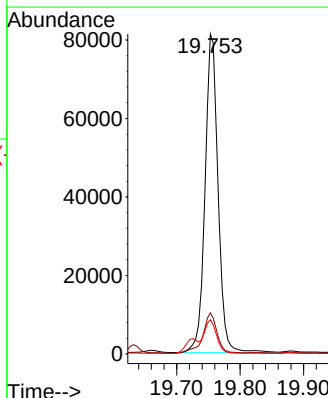
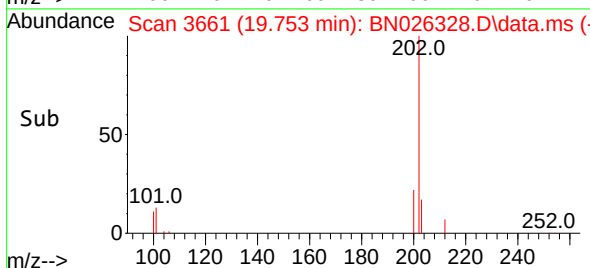
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023

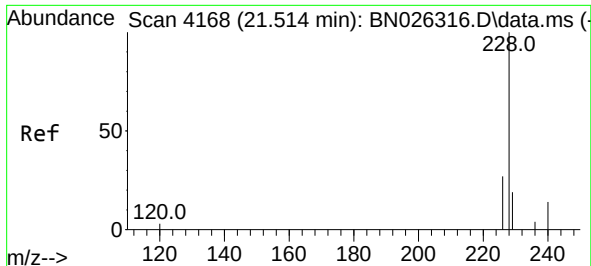


#20
Pyrene
Concen: 1.429 ng/ul
RT: 19.753 min Scan# 3661
Delta R.T. -0.006 min
Lab File: BN026328.D
Acq: 06 Jul 2023 13:48



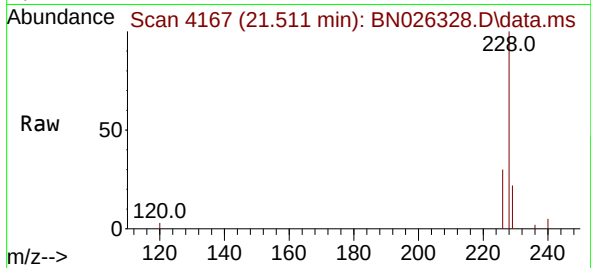
Tgt Ion:202 Resp: 116301
Ion Ratio Lower Upper
202 100
101 12.8 11.4 17.0
100 10.7 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.938 ng/u1
RT: 21.511 min Scan# 4167
Delta R.T. -0.004 min
Lab File: BN026328.D
Acq: 06 Jul 2023 13:48

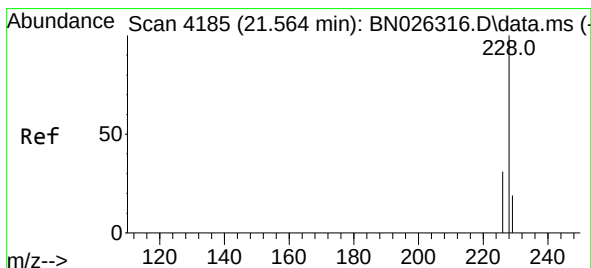
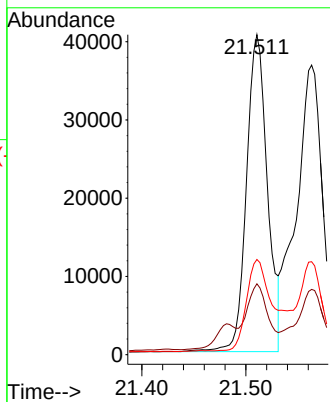
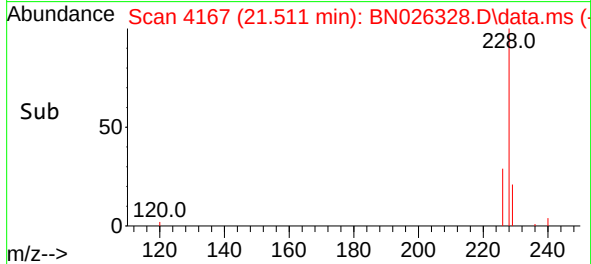
Instrument :
BNA_N
ClientSampleId :
DCGP0DL



Tgt Ion:228 Resp: 5671
Ion Ratio Lower Upper
228 100
229 22.1 15.8 23.6
226 29.8 22.5 33.7

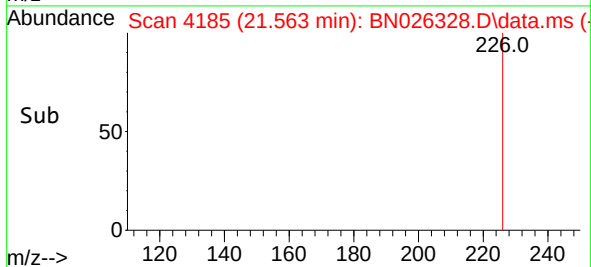
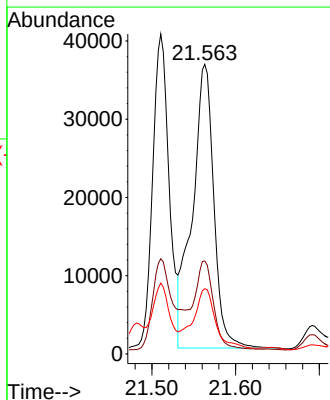
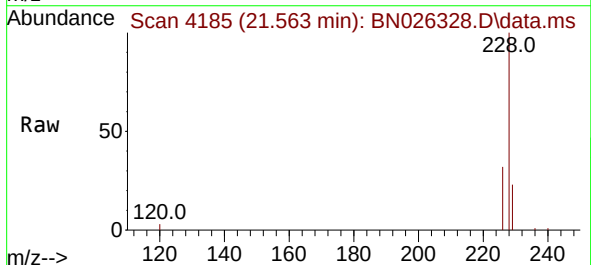
Manual Integrations
APPROVED

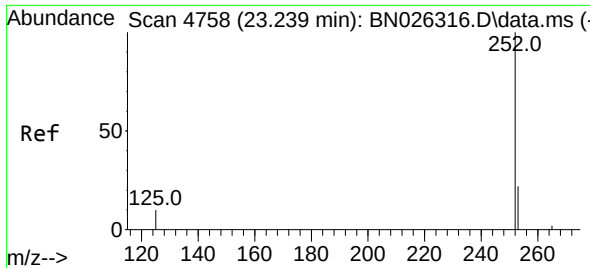
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#22
Chrysene
Concen: 1.030 ng/u1
RT: 21.563 min Scan# 4185
Delta R.T. -0.001 min
Lab File: BN026328.D
Acq: 06 Jul 2023 13:48

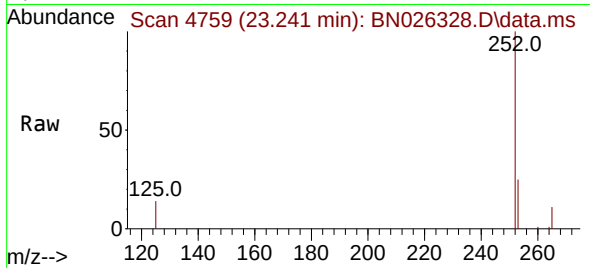
Tgt Ion:228 Resp: 64772
Ion Ratio Lower Upper
228 100
226 32.1 24.8 37.2
229 22.5 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 1.562 ng/ul m
RT: 23.241 min Scan# 4758
Delta R.T. 0.002 min
Lab File: BN026328.D
Acq: 06 Jul 2023 13:48

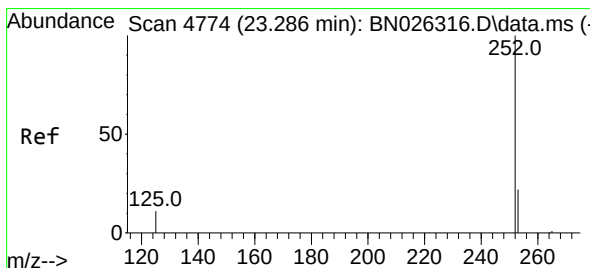
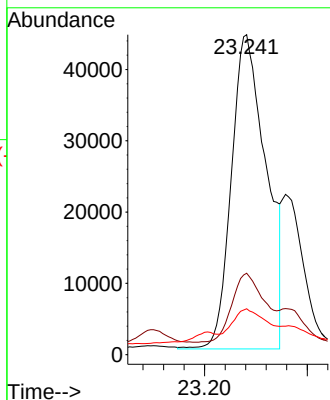
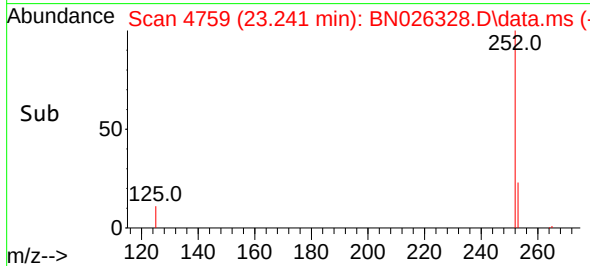
Instrument :
BNA_N
ClientSampleId :
DCGP0DL



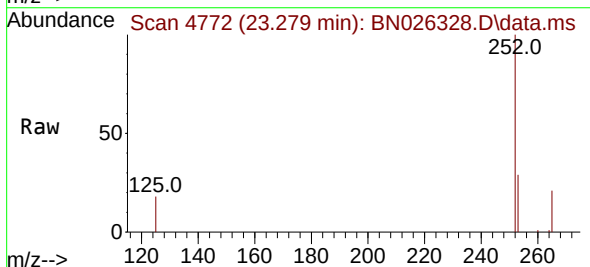
Tgt Ion:252 Resp: 10373
Ion Ratio Lower Upper
252 100
253 25.4 0.0 55.6
125 14.3 0.0 35.8

Manual Integrations
APPROVED

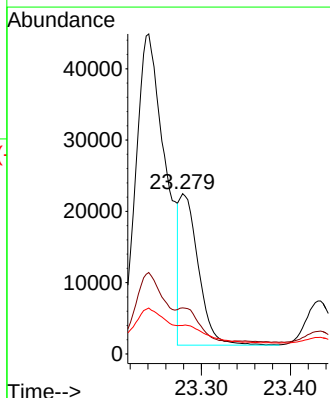
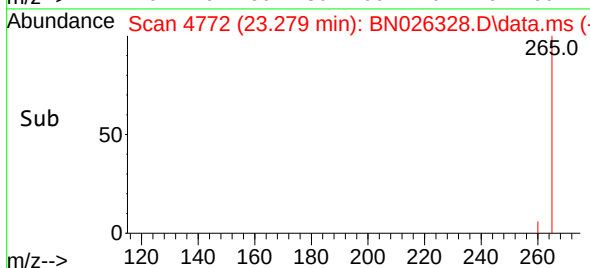
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023

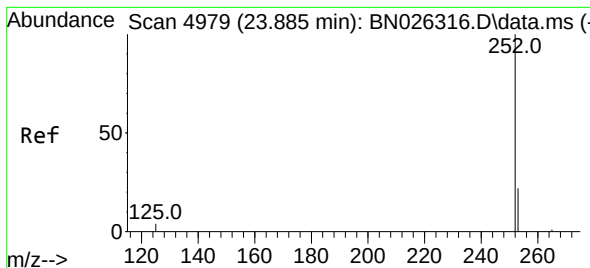


#25
Benzo(k)fluoranthene
Concen: 0.469 ng/ul m
RT: 23.279 min Scan# 4772
Delta R.T. -0.007 min
Lab File: BN026328.D
Acq: 06 Jul 2023 13:48



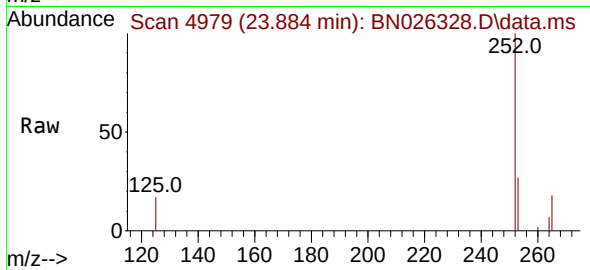
Tgt Ion:252 Resp: 31284
Ion Ratio Lower Upper
252 100
253 28.8 23.2 34.8
125 17.8 15.0 22.4





#26
Benzo(a)pyrene
Concen: 1.046 ng/ul
RT: 23.884 min Scan# 4979
Delta R.T. -0.001 min
Lab File: BN026328.D
Acq: 06 Jul 2023 13:48

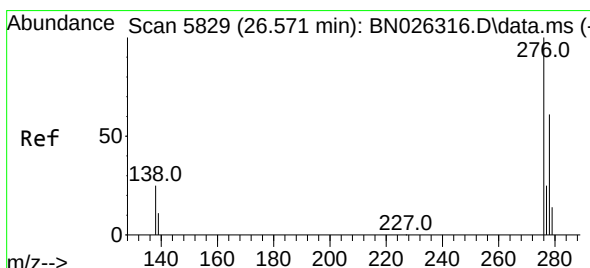
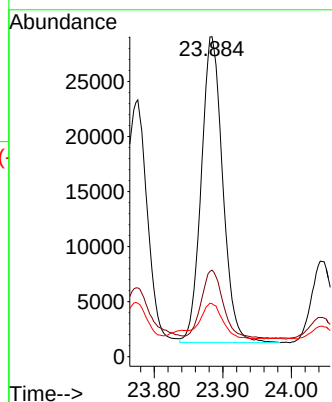
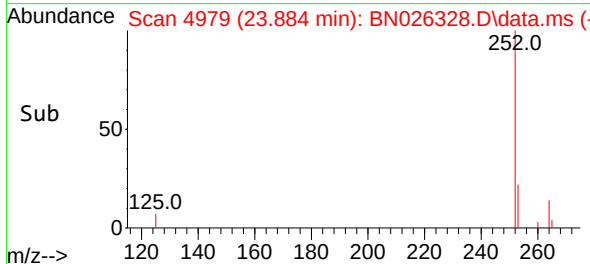
Instrument :
BNA_N
ClientSampleId :
DCGP0DL



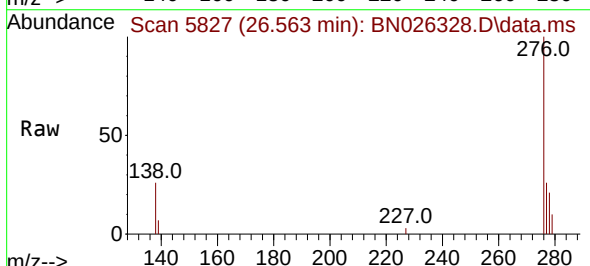
Tgt Ion:252 Resp: 60372
Ion Ratio Lower Upper
252 100
253 27.1 26.0 39.0
125 16.5 17.3 25.9

Manual Integrations
APPROVED

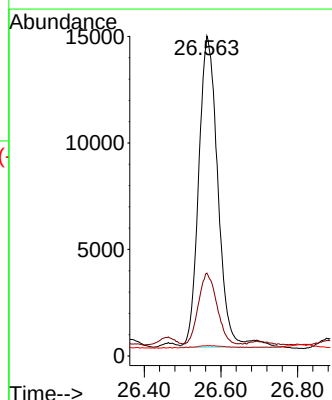
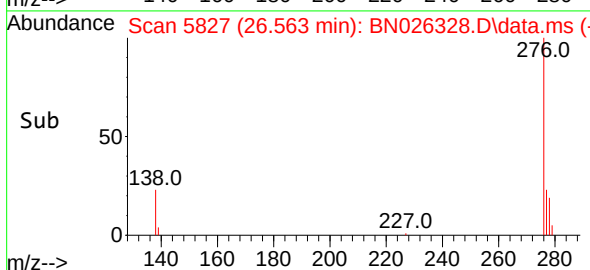
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023

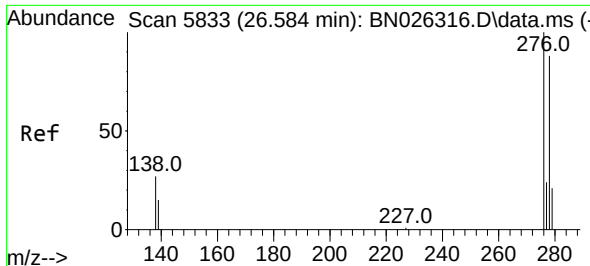


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.808 ng/ul
RT: 26.563 min Scan# 5827
Delta R.T. -0.008 min
Lab File: BN026328.D
Acq: 06 Jul 2023 13:48



Tgt Ion:276 Resp: 50902
Ion Ratio Lower Upper
276 100
138 22.3 24.5 36.7#
227 0.8 0.0 0.0#





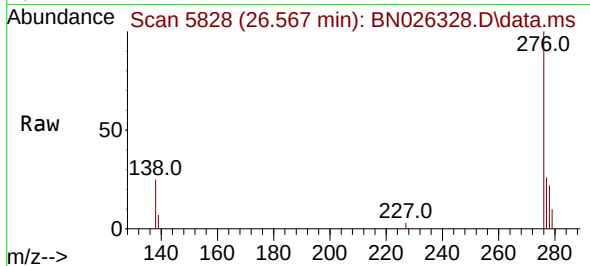
#28
Dibenzo(a,h)anthracene
Concen: 0.251 ng/ul
RT: 26.567 min Scan# 5828
Delta R.T. -0.018 min
Lab File: BN026328.D
Acq: 06 Jul 2023 13:48

Instrument :

BNA_N

ClientSampleId :

DCGP0DL

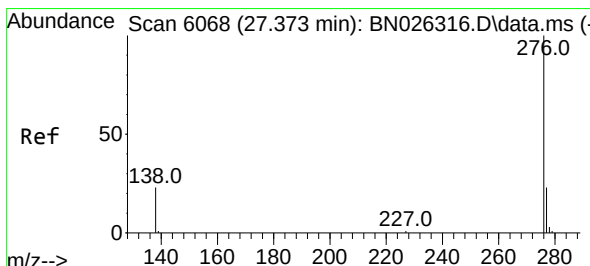
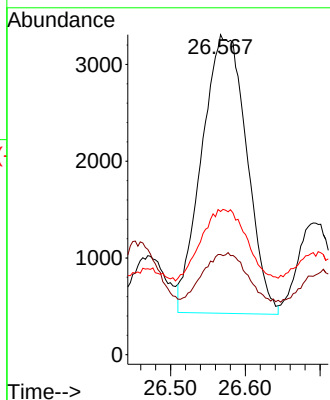
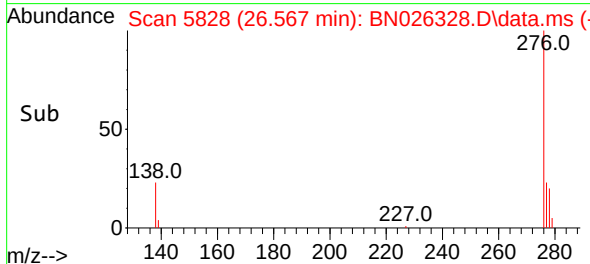


Tgt Ion:278 Resp: 1198
Ion Ratio Lower Upper
278 100
139 31.3 19.0 28.4
279 44.8 26.7 40.1

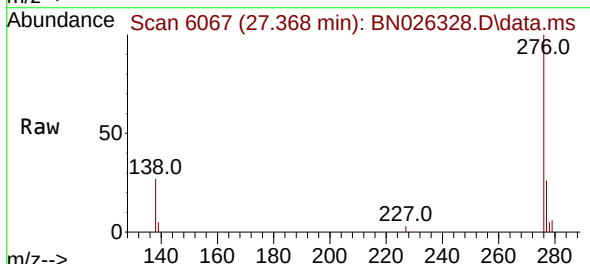
Manual Integrations

APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.731 ng/ul
RT: 27.368 min Scan# 6067
Delta R.T. -0.004 min
Lab File: BN026328.D
Acq: 06 Jul 2023 13:48



Tgt Ion:276 Resp: 40965
Ion Ratio Lower Upper
276 100
138 26.7 23.4 35.0
277 25.8 20.0 30.0

