

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
 Data File : BN032779.D
 Acq On : 17 Jul 2024 14:49
 Operator : MA/JU
 Sample : P3177-01DL 5X
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BR9DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/19/2024

Quant Time: Jul 17 15:53:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 17 02:35:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.544	152	4919	0.400	ng/ul	0.00
4) Naphthalene-d8	10.316	136	17035	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.193	164	9068	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.953	188	17941	0.400	ng/ul	-0.01
17) Chrysene-d12	21.174	240	17358	0.400	ng/ul	# 0.00
23) Perylene-d12	23.374	264	20124m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	6079	1.029	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.922	152	1336	0.052	ng/ul	-0.01
18) Fluoranthene-d10	18.994	212	3027	0.054	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.365	128	5100	0.111	ng/ul	96
7) 2-Methylnaphthalene	11.999	142	1385	0.049	ng/ul	95
8) 1-Methylnaphthalene	12.219	142	1101	0.037	ng/ul	99
10) Acenaphthylene	13.915	152	10463	0.286	ng/ul	98
11) Acenaphthene	14.258	153	4123	0.136	ng/ul	99
12) Fluorene	15.257	166	4622	0.133	ng/ul	98
15) Phenanthrene	16.995	178	105359	2.156	ng/ul	99
16) Anthracene	17.088	178	23029	0.577	ng/ul	98
19) Fluoranthene	19.027	202	261736	3.709	ng/ul	98
20) Pyrene	19.394	202	155492	2.129	ng/ul	98
21) Benzo(a)anthracene	21.156	228	124012	2.244	ng/ul	98
22) Chrysene	21.209	228	140927	1.763	ng/ul	97
24) Benzo(b)fluoranthene	22.716	252	197476m	2.781	ng/ul	
25) Benzo(k)fluoranthene	22.754	252	80638m	0.932	ng/ul	
26) Benzo(a)pyrene	23.275	252	54781	0.892	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	25.589	276	60247	0.724	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.586	278	24801	0.385	ng/ul#	82
29) Benzo(g,h,i)perylene	26.273	276	8270	0.119	ng/ul#	63

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

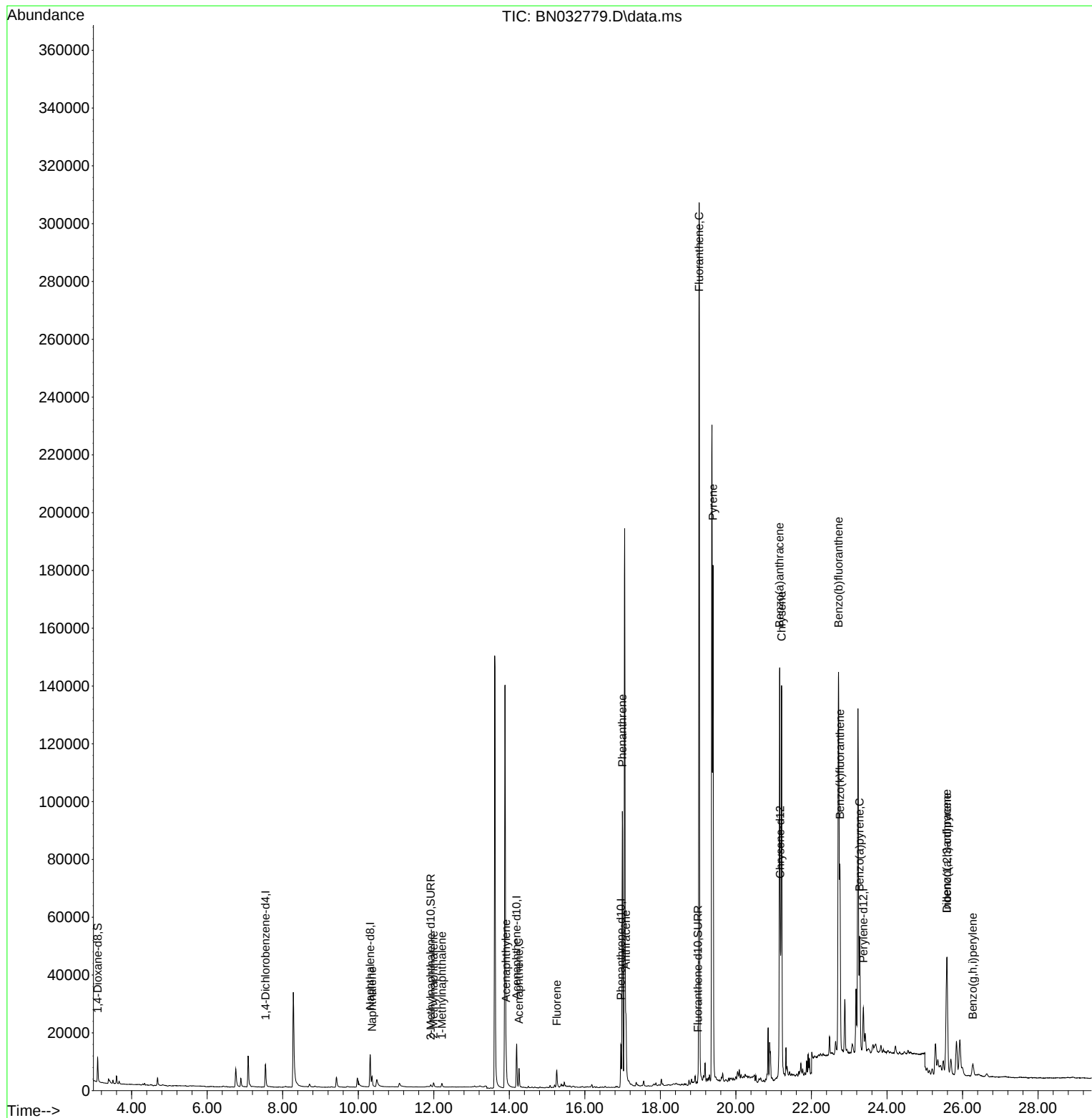
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032779.D
Acq On : 17 Jul 2024 14:49
Operator : MA/JU
Sample : P3177-01DL 5X
Misc :
ALS Vial : 50 Sample Multiplier: 1

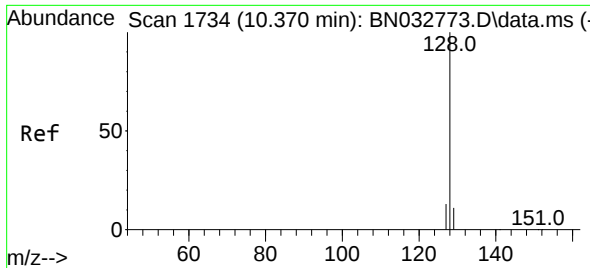
Instrument :
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ClientSampleId :
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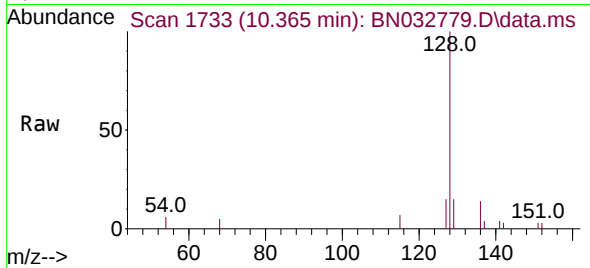
Quant Time: Jul 17 15:53:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.111 ng/ul
RT: 10.365 min Scan# 1733
Delta R.T. -0.006 min
Lab File: BN032779.D
Acq: 17 Jul 2024 14:49

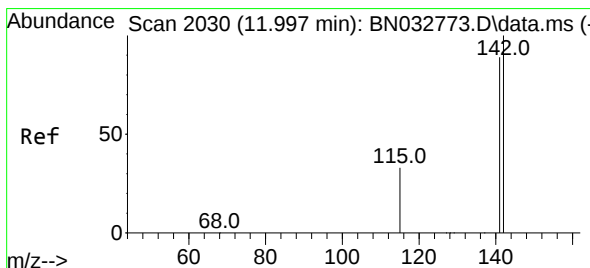
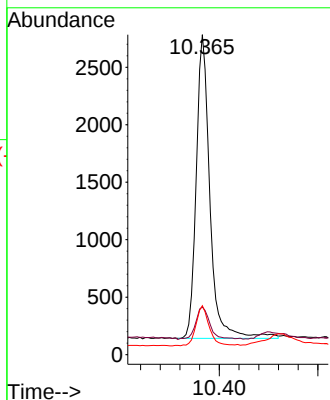
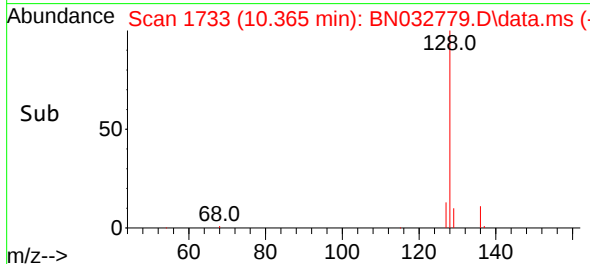
Instrument :
BNA_N
ClientSampleId :
A4BR9DL



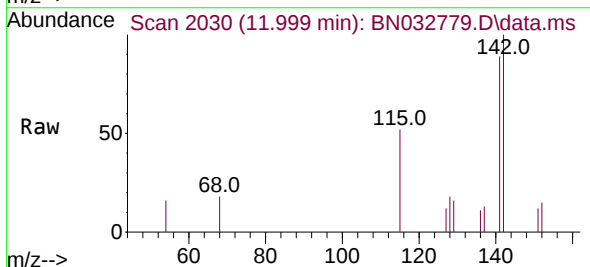
Tgt Ion:128 Resp: 5100
Ion Ratio Lower Upper
128 100
129 14.9 10.0 15.0
127 15.3 11.6 17.4

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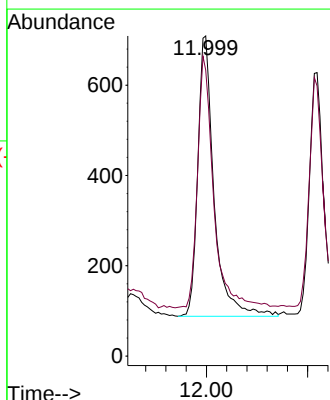
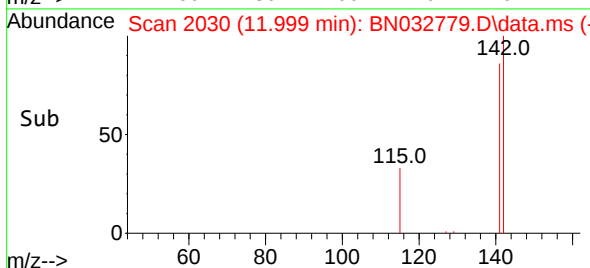
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024

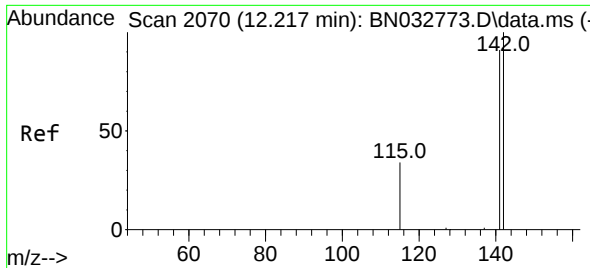


#7
2-Methylnaphthalene
Concen: 0.049 ng/ul
RT: 11.999 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BN032779.D
Acq: 17 Jul 2024 14:49



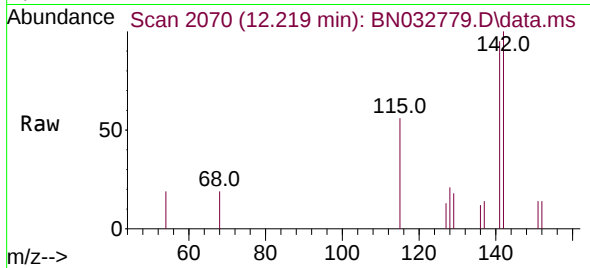
Tgt Ion:142 Resp: 1385
Ion Ratio Lower Upper
142 100
141 88.2 74.0 111.0





#8
1-Methylnaphthalene
Concen: 0.037 ng/ul
RT: 12.219 min Scan# 2070
Delta R.T. -0.000 min
Lab File: BN032779.D
Acq: 17 Jul 2024 14:49

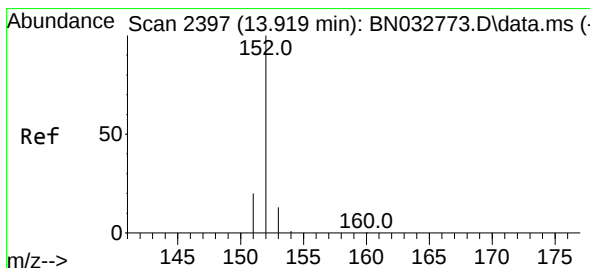
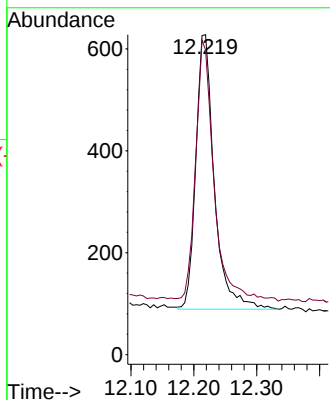
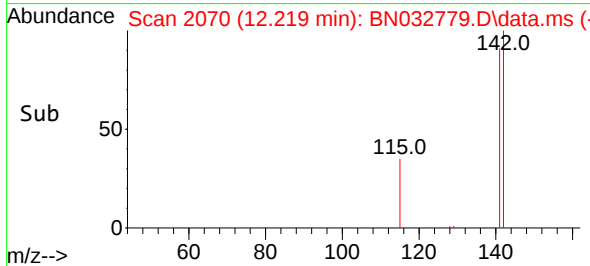
Instrument :
BNA_N
ClientSampleId :
A4BR9DL



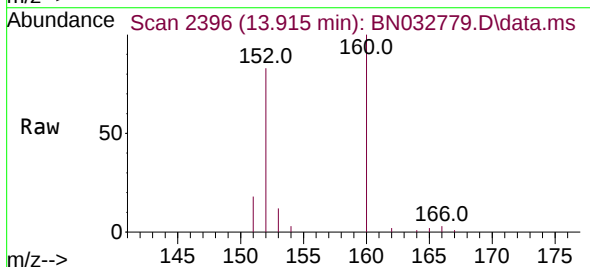
Tgt Ion:142 Resp: 110
Ion Ratio Lower Upper
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141 94.5 75.0 112.4

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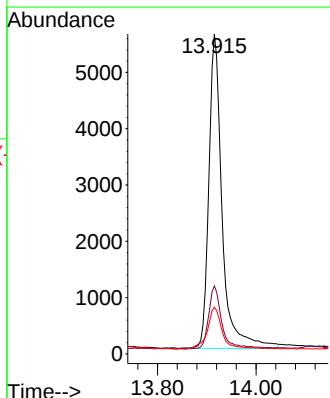
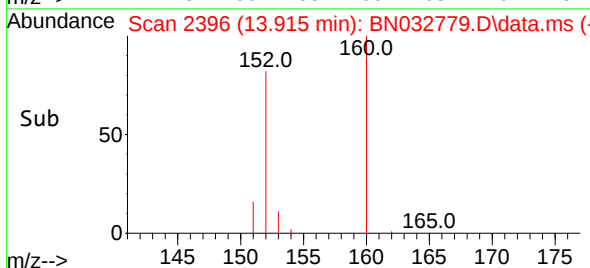
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024

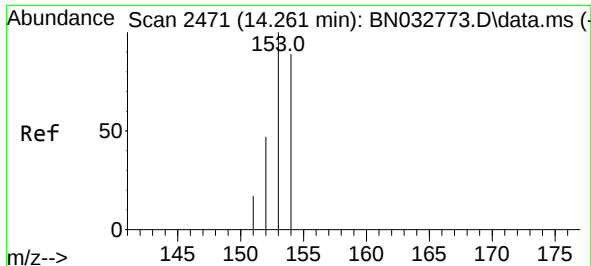


#10
Acenaphthylene
Concen: 0.286 ng/ul
RT: 13.915 min Scan# 2396
Delta R.T. -0.005 min
Lab File: BN032779.D
Acq: 17 Jul 2024 14:49



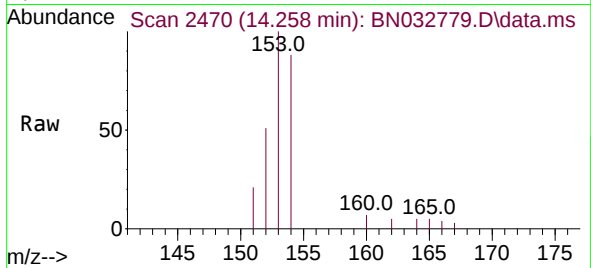
Tgt Ion:152 Resp: 10463
Ion Ratio Lower Upper
152 100
151 21.2 16.3 24.5
153 14.6 11.3 16.9





#11
Acenaphthene
Concen: 0.136 ng/u1
RT: 14.258 min Scan# 2470
Delta R.T. -0.000 min
Lab File: BN032779.D
Acq: 17 Jul 2024 14:49

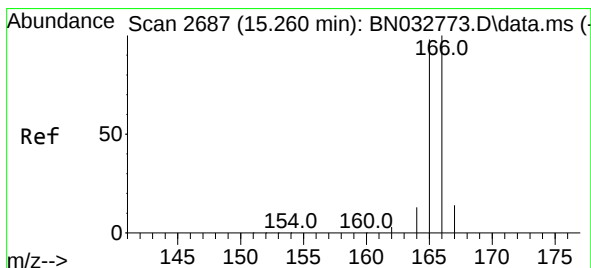
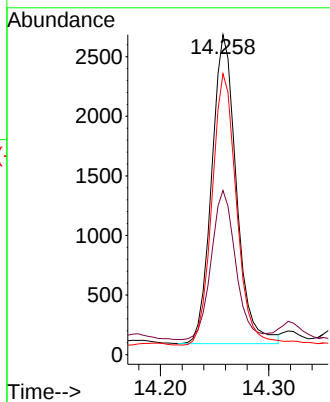
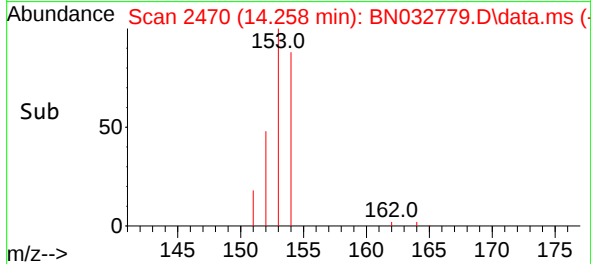
Instrument :
BNA_N
ClientSampleId :
A4BR9DL



Tgt Ion:153 Resp: 412
Ion Ratio Lower Upper
153 100
152 51.3 40.0 60.0
154 87.8 70.2 105.4

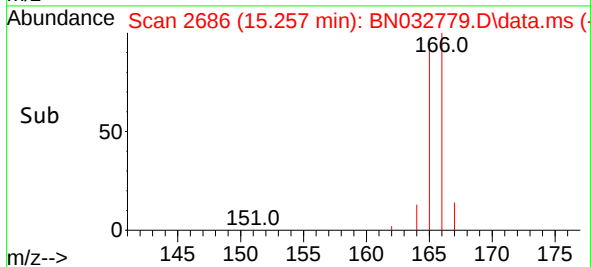
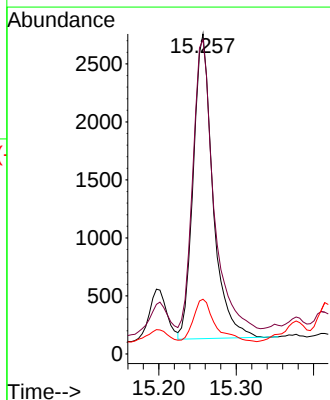
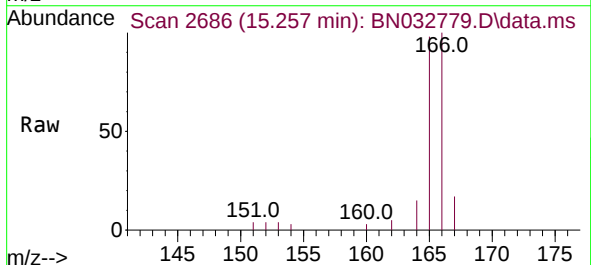
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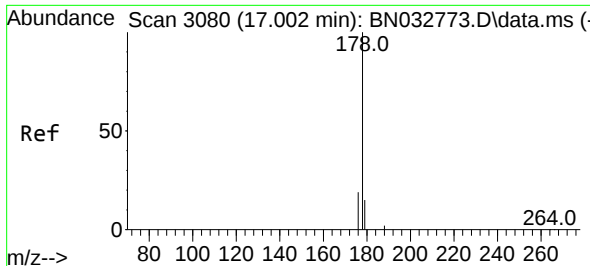
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#12
Fluorene
Concen: 0.133 ng/u1
RT: 15.257 min Scan# 2686
Delta R.T. -0.009 min
Lab File: BN032779.D
Acq: 17 Jul 2024 14:49

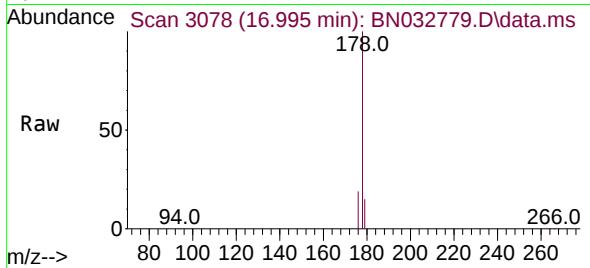
Tgt Ion:166 Resp: 4622
Ion Ratio Lower Upper
166 100
165 98.2 79.7 119.5
167 17.1 11.4 17.2





#15
Phenanthrene
Concen: 2.156 ng/ul
RT: 16.995 min Scan# 3080
Delta R.T. -0.013 min
Lab File: BN032779.D
Acq: 17 Jul 2024 14:49

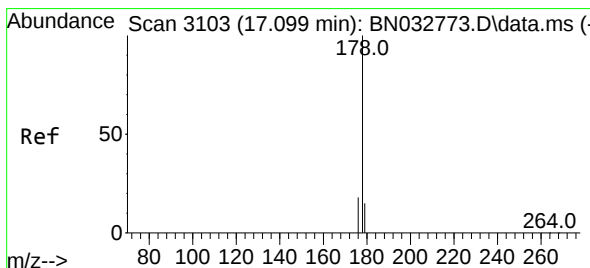
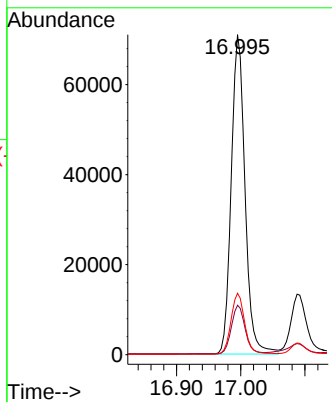
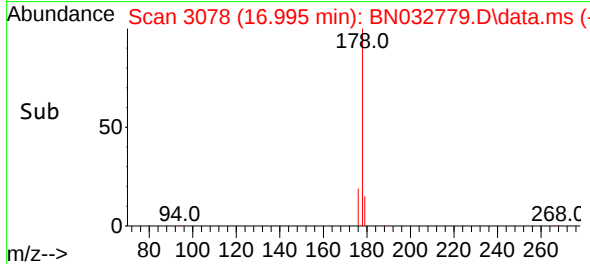
Instrument :
BNA_N
ClientSampleId :
A4BR9DL



Tgt Ion:178 Resp: 105359
Ion Ratio Lower Upper
178 100
179 15.4 13.0 19.4
176 19.2 15.6 23.4

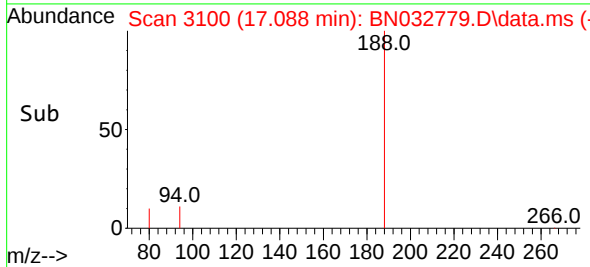
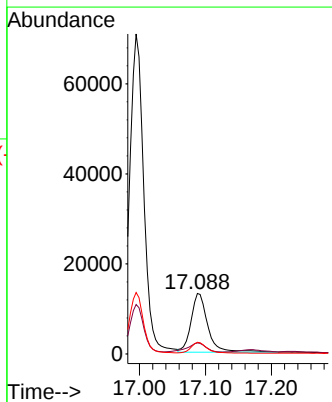
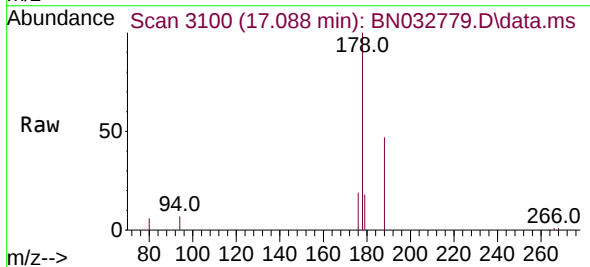
Manual Integrations
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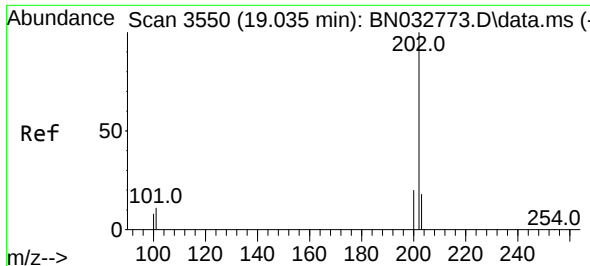
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#16
Anthracene
Concen: 0.577 ng/ul
RT: 17.088 min Scan# 3100
Delta R.T. -0.017 min
Lab File: BN032779.D
Acq: 17 Jul 2024 14:49

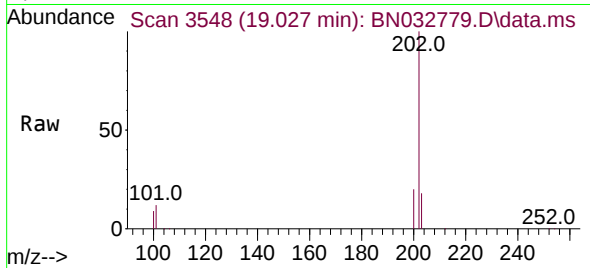
Tgt Ion:178 Resp: 23029
Ion Ratio Lower Upper
178 100
179 18.4 13.4 20.2
176 19.4 15.4 23.0





#19
Fluoranthene
Concen: 3.709 ng/u1
RT: 19.027 min Scan# 3548
Delta R.T. -0.005 min
Lab File: BN032779.D
Acq: 17 Jul 2024 14:49

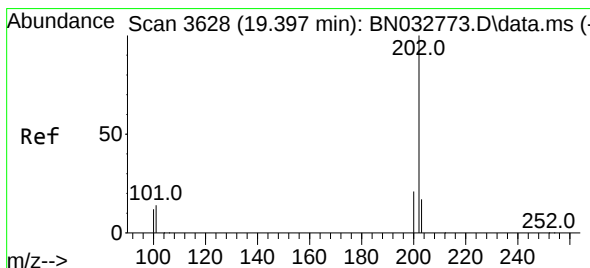
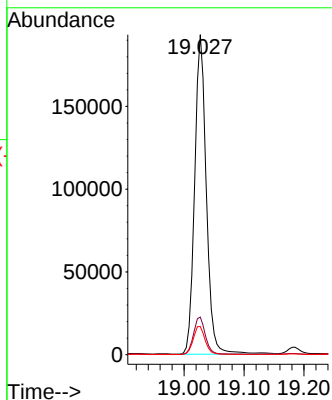
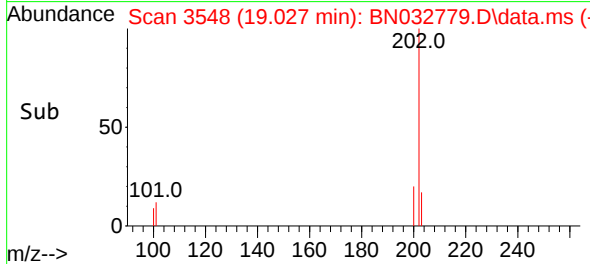
Instrument :
BNA_N
ClientSampleId :
A4BR9DL



Tgt Ion:202 Resp: 261730
Ion Ratio Lower Upper
202 100
101 11.7 9.8 14.8
100 8.8 7.9 11.9

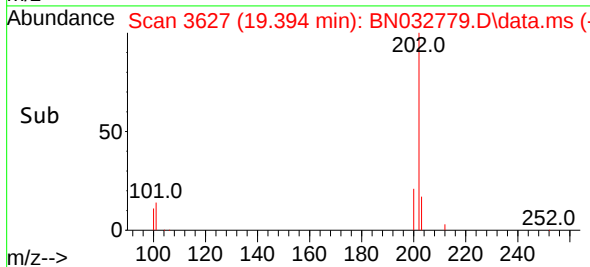
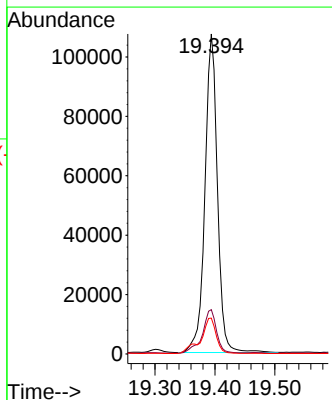
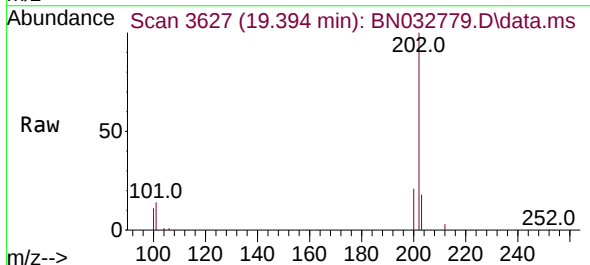
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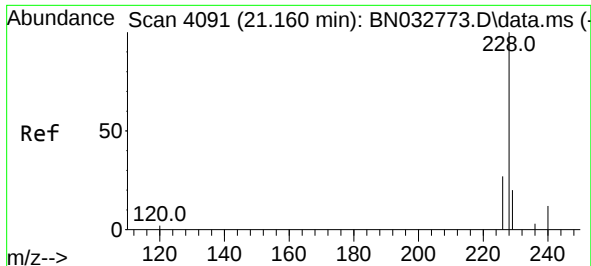
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#20
Pyrene
Concen: 2.129 ng/u1
RT: 19.394 min Scan# 3627
Delta R.T. -0.005 min
Lab File: BN032779.D
Acq: 17 Jul 2024 14:49

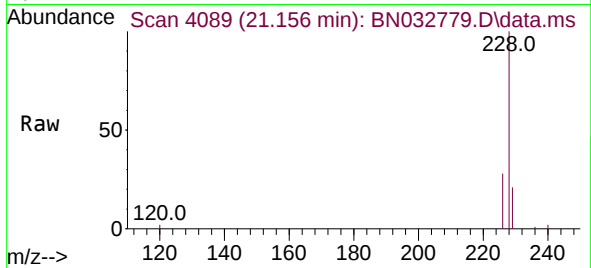
Tgt Ion:202 Resp: 155492
Ion Ratio Lower Upper
202 100
101 13.9 11.8 17.6
100 11.2 9.6 14.4





#21
Benzo(a)anthracene
Concen: 2.244 ng/ul
RT: 21.156 min Scan# 4091
Delta R.T. -0.003 min
Lab File: BN032779.D
Acq: 17 Jul 2024 14:49

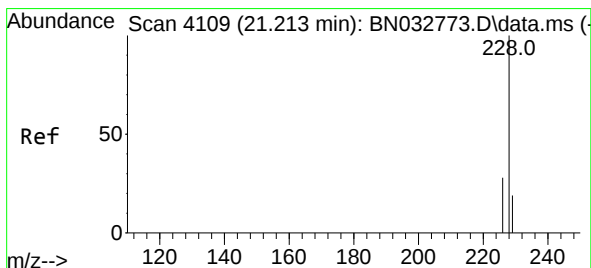
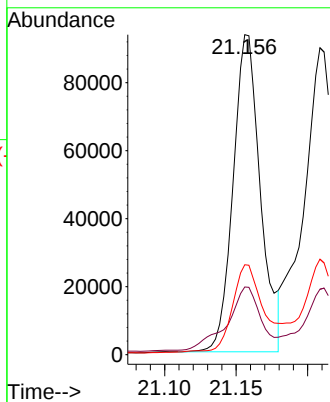
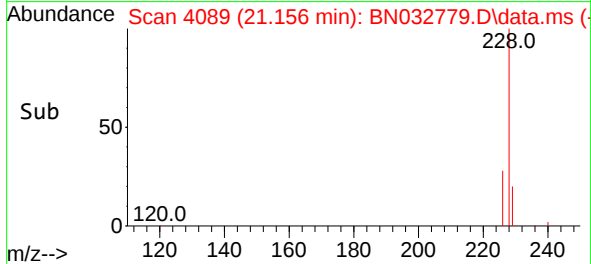
Instrument :
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A4BR9DL



Tgt Ion:228 Resp: 124012
Ion Ratio Lower Upper
228 100
229 21.2 16.1 24.1
226 28.1 21.9 32.9

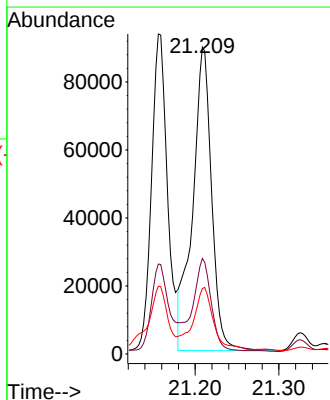
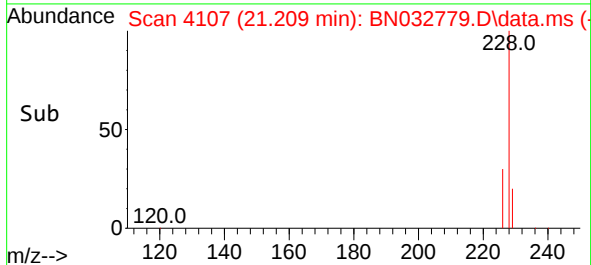
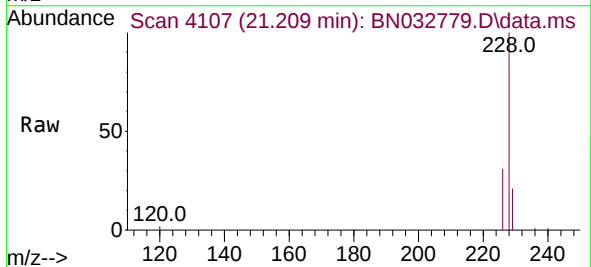
Manual Integrations
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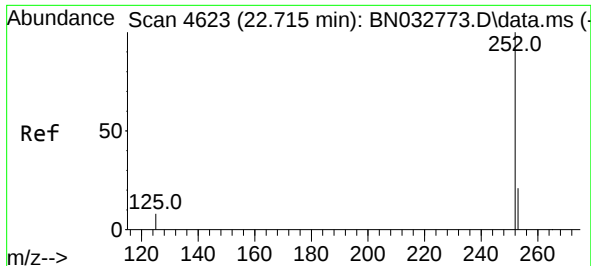
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#22
Chrysene
Concen: 1.763 ng/ul
RT: 21.209 min Scan# 4107
Delta R.T. -0.003 min
Lab File: BN032779.D
Acq: 17 Jul 2024 14:49

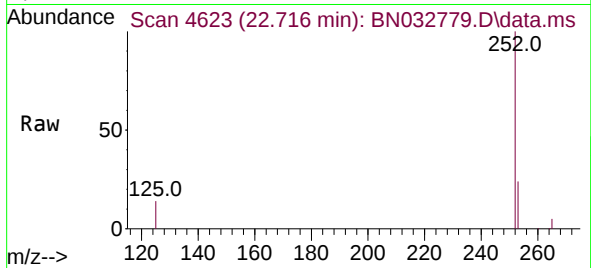
Tgt Ion:228 Resp: 140927
Ion Ratio Lower Upper
228 100
226 31.1 24.0 36.0
229 21.4 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 2.781 ng/ul m
RT: 22.716 min Scan# 4623
Delta R.T. 0.006 min
Lab File: BN032779.D
Acq: 17 Jul 2024 14:49

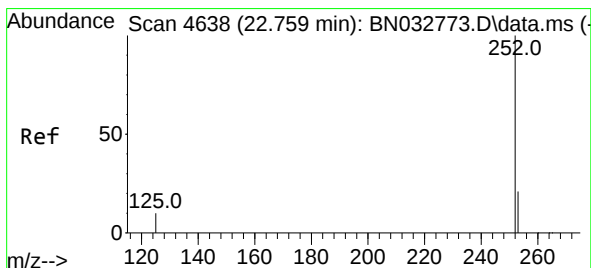
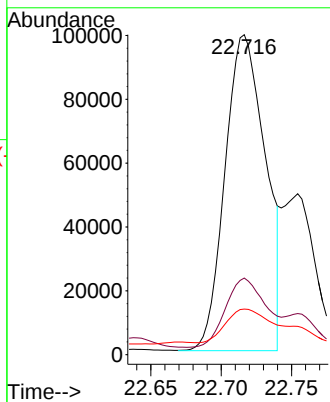
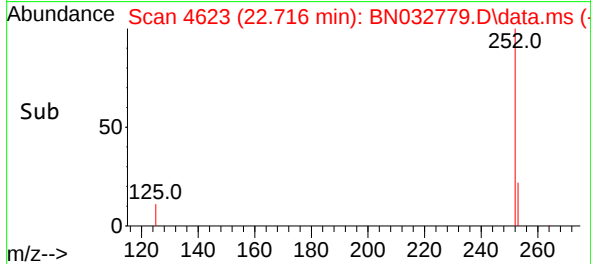
Instrument :
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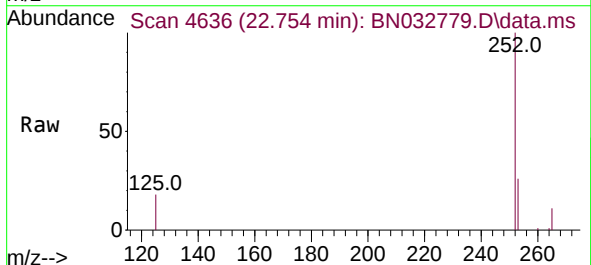
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Ion Ratio Lower Upper
252 100
253 24.0 0.0 54.0
125 14.3 0.0 36.0

Manual Integrations
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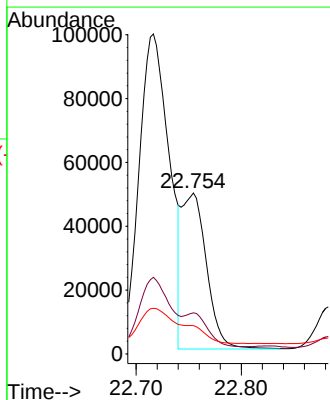
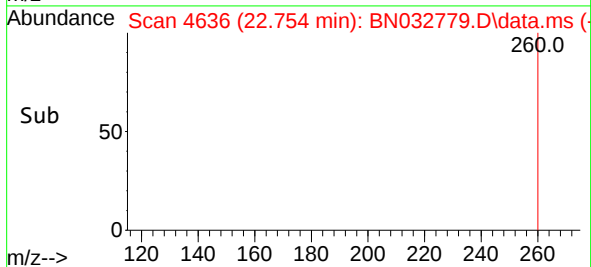
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024

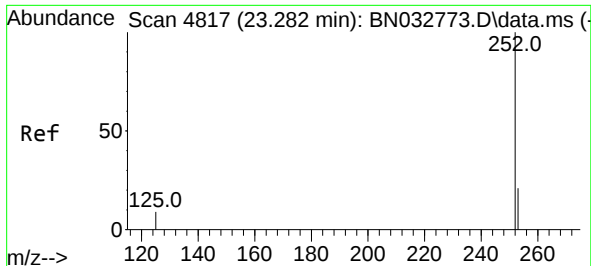


#25
Benzo(k)fluoranthene
Concen: 0.932 ng/ul m
RT: 22.754 min Scan# 4636
Delta R.T. -0.000 min
Lab File: BN032779.D
Acq: 17 Jul 2024 14:49



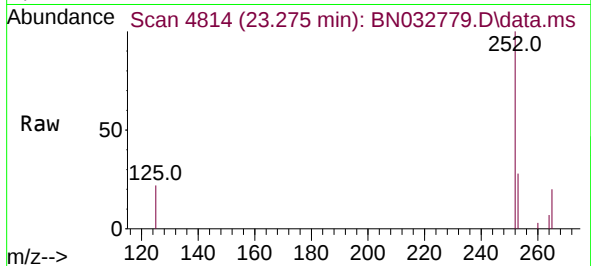
Tgt Ion:252 Resp: 80638
Ion Ratio Lower Upper
252 100
253 25.6 21.2 31.8
125 17.6 14.8 22.2





#26
Benzo(a)pyrene
Concen: 0.892 ng/ul
RT: 23.275 min Scan# 4817
Delta R.T. -0.003 min
Lab File: BN032779.D
Acq: 17 Jul 2024 14:49

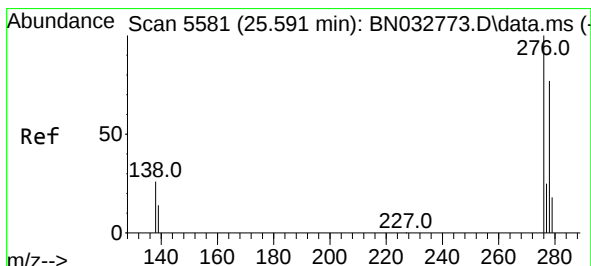
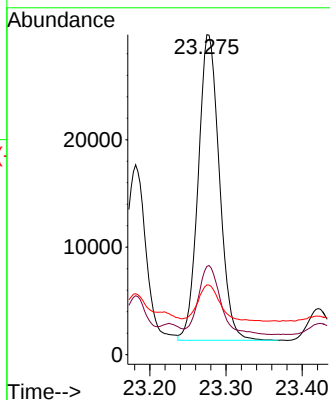
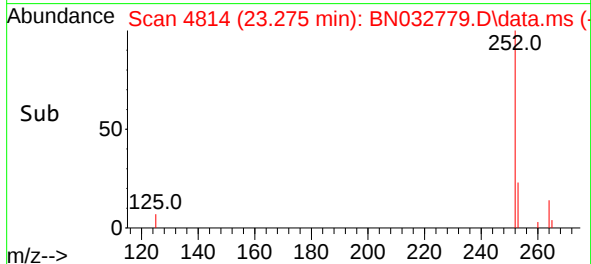
Instrument :
BNA_N
ClientSampleId :
A4BR9DL



Tgt Ion:252 Resp: 5478
Ion Ratio Lower Upper
252 100
253 27.6 25.4 38.0
125 21.8 20.6 30.8

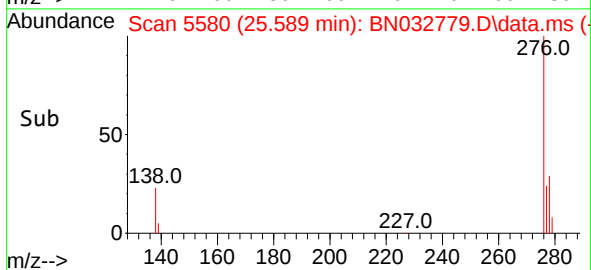
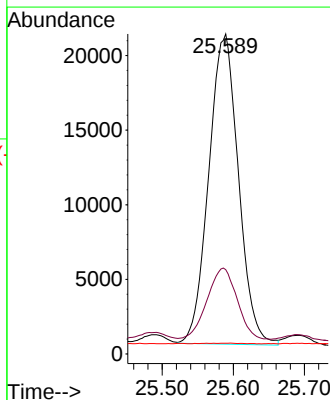
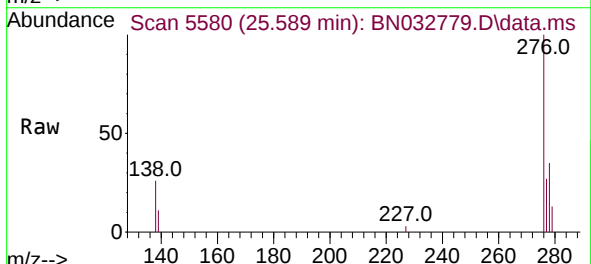
Manual Integrations
APPROVED

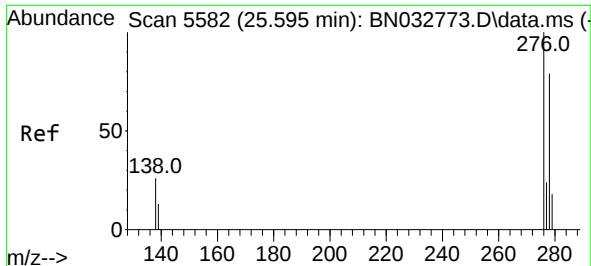
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.724 ng/ul
RT: 25.589 min Scan# 5580
Delta R.T. 0.007 min
Lab File: BN032779.D
Acq: 17 Jul 2024 14:49

Tgt Ion:276 Resp: 60247
Ion Ratio Lower Upper
276 100
138 23.5 21.6 32.4
227 0.1 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.385 ng/ul

RT: 25.586 min Scan# 51

Delta R.T. -0.003 min

Lab File: BN032779.D

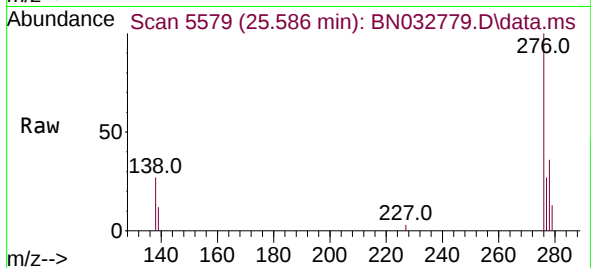
Acq: 17 Jul 2024 14:49

Instrument :

BNA_N

ClientSampleId :

A4BR9DL



Tgt Ion:278 Resp: 2480

Ion Ratio Lower Upper

278 100

139 32.1 16.6 24.8

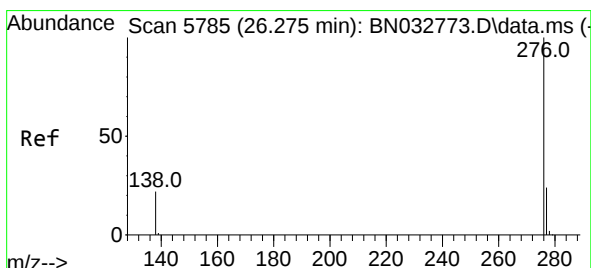
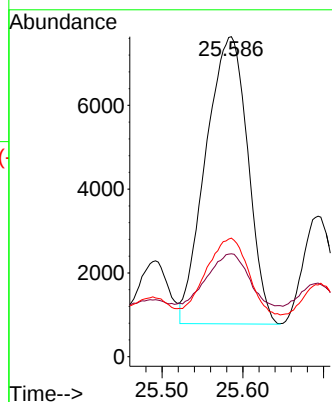
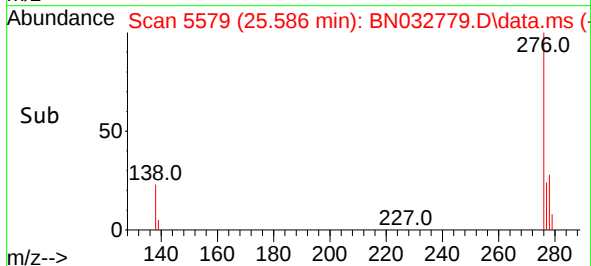
279 37.0 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/18/2024

Supervised By :mohammad ahmed 07/19/2024



#29

Benzo(g,h,i)perylene

Concen: 0.119 ng/ul

RT: 26.273 min Scan# 5784

Delta R.T. 0.013 min

Lab File: BN032779.D

Acq: 17 Jul 2024 14:49

Tgt Ion:276 Resp: 8270

Ion Ratio Lower Upper

276 100

138 48.6 21.0 31.4#

277 41.5 20.6 31.0#

