

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
 Data File : BN032781.D
 Acq On : 17 Jul 2024 16:01
 Operator : MA/JU
 Sample : P3177-10DL 5X
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BX3DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 17 17:00:22 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	5179	0.400	ng/ul	0.00
4) Naphthalene-d8	10.315	136	15593	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.196	164	10425	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.951	188	19754	0.400	ng/ul	-0.01
17) Chrysene-d12	21.172	240	17964	0.400	ng/ul	# 0.00
23) Perylene-d12	23.373	264	21792m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	4662	0.750	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.920	152	931	0.040	ng/ul	-0.01
18) Fluoranthene-d10	18.998	212	2353	0.040	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.364	128	14080	0.336	ng/ul	99
7) 2-Methylnaphthalene	11.992	142	6187	0.237	ng/ul	97
8) 1-Methylnaphthalene	12.212	142	5578	0.206	ng/ul	100
10) Acenaphthylene	13.914	152	6513	0.155	ng/ul#	92
11) Acenaphthene	14.256	153	28186	0.809	ng/ul	99
12) Fluorene	15.256	166	23230	0.583	ng/ul	97
15) Phenanthrene	16.994	178	412297	7.664	ng/ul	99
16) Anthracene	17.086	178	57636	1.311	ng/ul	98
19) Fluoranthene	19.025	202	567350	7.768	ng/ul	98
20) Pyrene	19.393	202	284753	3.767	ng/ul	98
21) Benzo(a)anthracene	21.155	228	212337	3.713	ng/ul	98
22) Chrysene	21.210	228	217085	2.624	ng/ul	98
24) Benzo(b)fluoranthene	22.712	252	297261m	3.866	ng/ul	
25) Benzo(k)fluoranthene	22.753	252	106152m	1.133	ng/ul	
26) Benzo(a)pyrene	23.276	252	67682	1.017	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.588	276	72577	0.806	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.584	278	33426	0.479	ng/ul#	87
29) Benzo(g,h,i)perylene	26.269	276	9735	0.129	ng/ul#	64

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

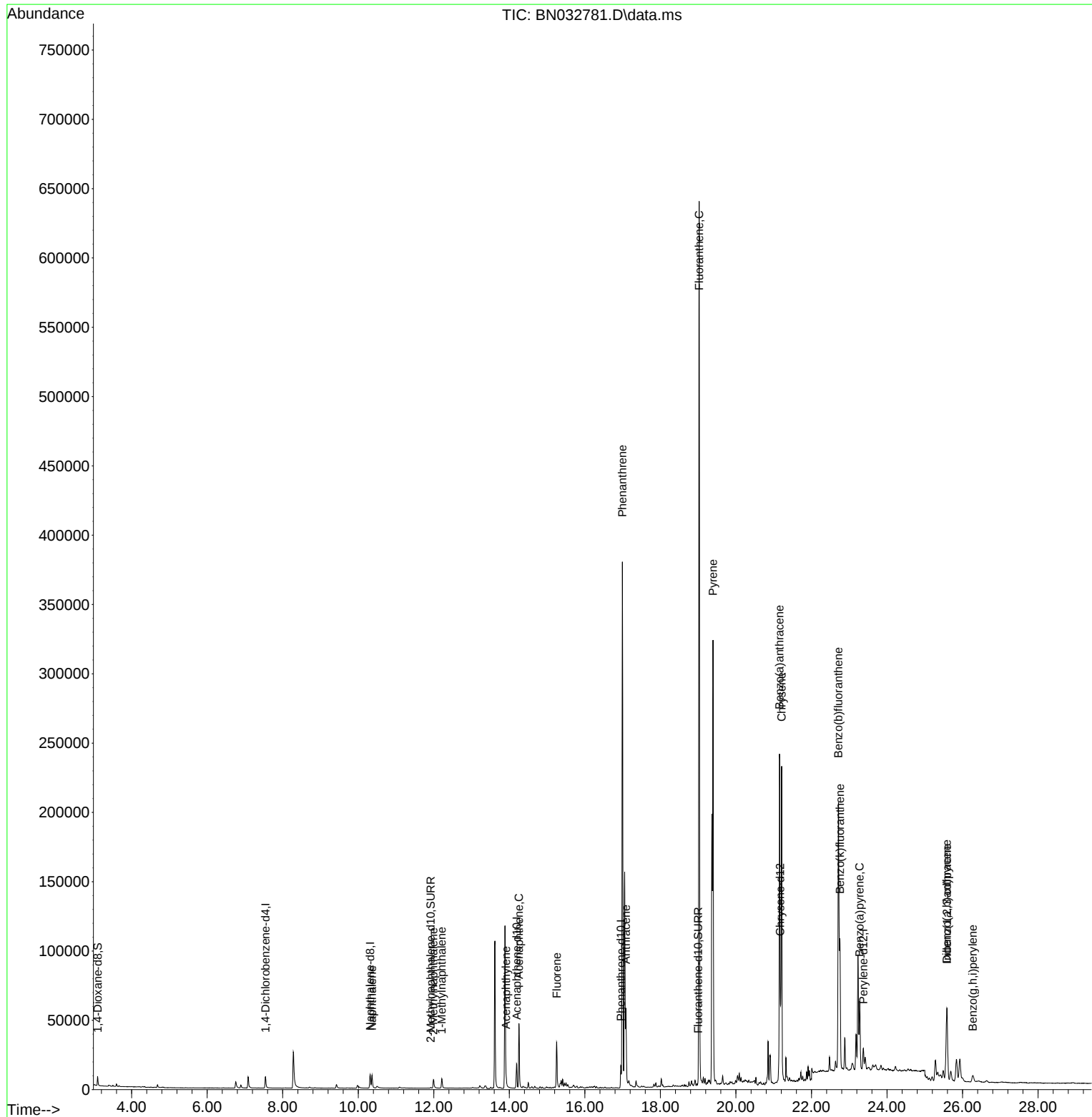
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032781.D
Acq On : 17 Jul 2024 16:01
Operator : MA/JU
Sample : P3177-10DL 5X
Misc :
ALS Vial : 52 Sample Multiplier: 1

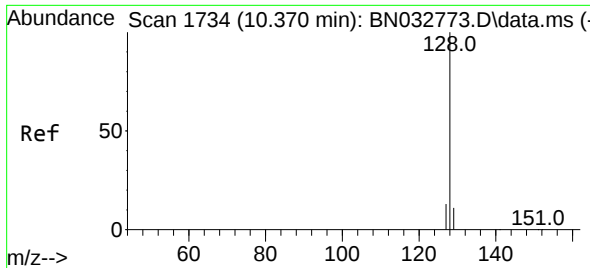
Instrument :
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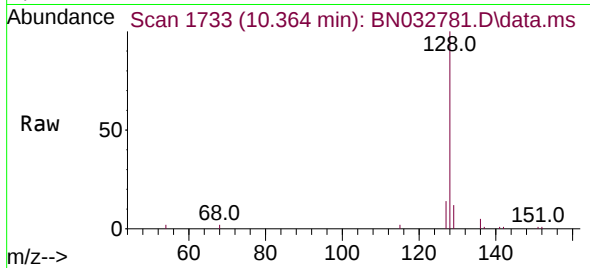
Quant Time: Jul 17 17:00:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.336 ng/ul
RT: 10.364 min Scan# 1733
Delta R.T. -0.007 min
Lab File: BN032781.D
Acq: 17 Jul 2024 16:01

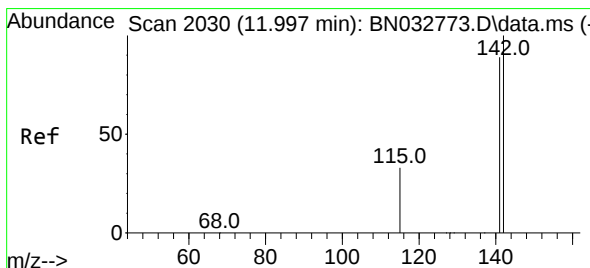
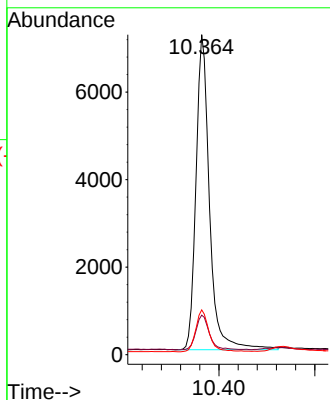
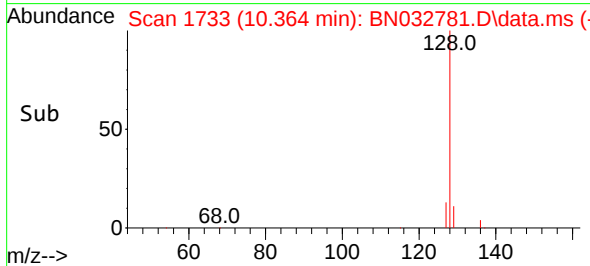
Instrument :
BNA_N
ClientSampleId :
A4BX3DL



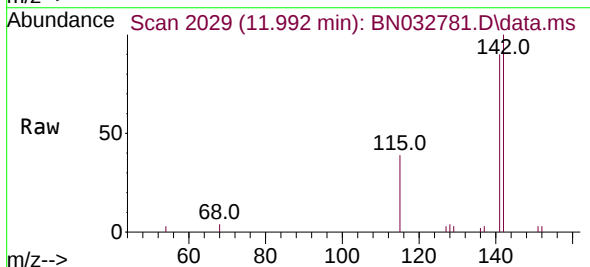
Tgt Ion:128 Resp: 14080
Ion Ratio Lower Upper
128 100
129 12.3 10.0 15.0
127 14.0 11.6 17.4

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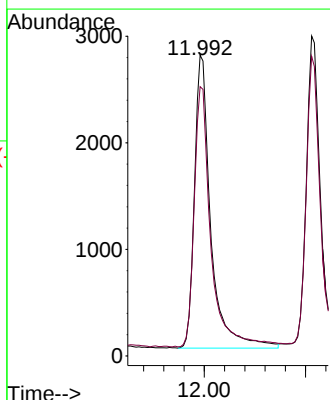
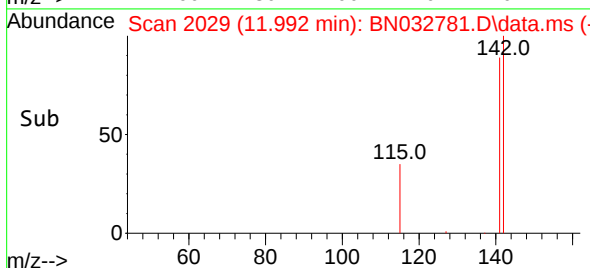
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024

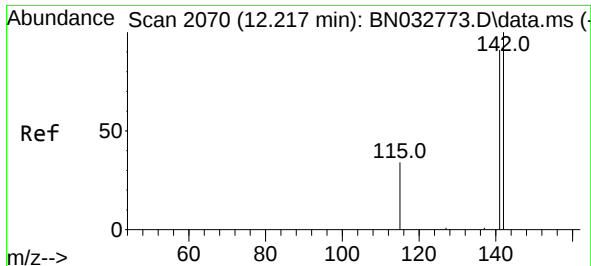


#7
2-Methylnaphthalene
Concen: 0.237 ng/ul
RT: 11.992 min Scan# 2029
Delta R.T. -0.012 min
Lab File: BN032781.D
Acq: 17 Jul 2024 16:01



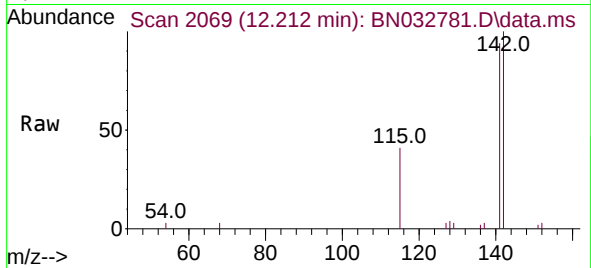
Tgt Ion:142 Resp: 6187
Ion Ratio Lower Upper
142 100
141 89.9 74.0 111.0





#8
1-Methylnaphthalene
Concen: 0.206 ng/ul
RT: 12.212 min Scan# 2069
Delta R.T. -0.007 min
Lab File: BN032781.D
Acq: 17 Jul 2024 16:01

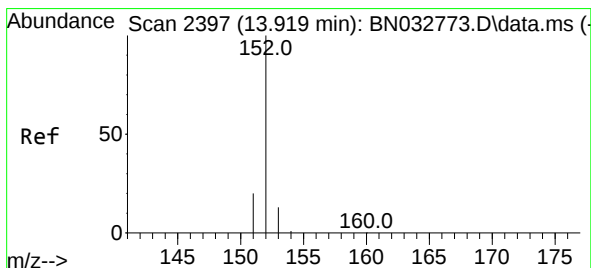
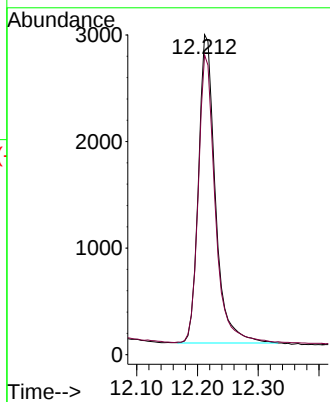
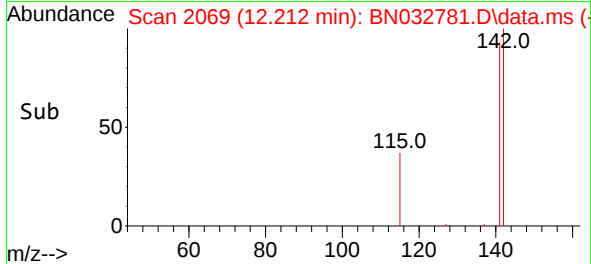
Instrument :
BNA_N
ClientSampleId :
A4BX3DL



Tgt Ion:142 Resp: 5578
Ion Ratio Lower Upper
142 100
141 93.3 75.0 112.4

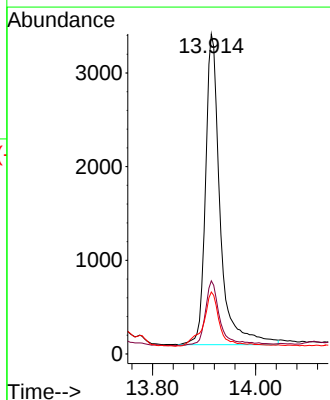
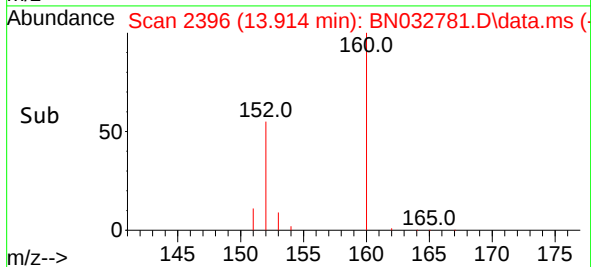
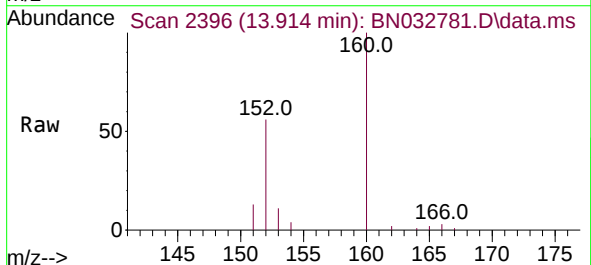
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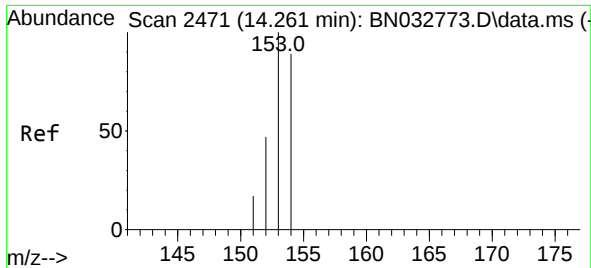
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#10
Acenaphthylene
Concen: 0.155 ng/ul
RT: 13.914 min Scan# 2396
Delta R.T. -0.006 min
Lab File: BN032781.D
Acq: 17 Jul 2024 16:01

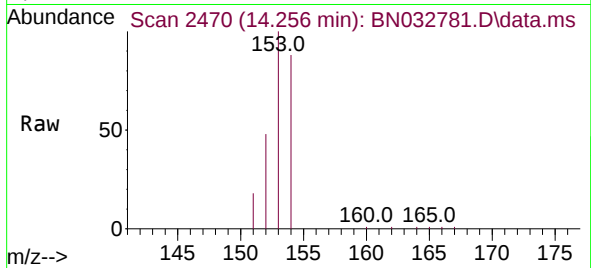
Tgt Ion:152 Resp: 6513
Ion Ratio Lower Upper
152 100
151 22.9 16.3 24.5
153 19.4 11.3 16.9#





#11
Acenaphthene
Concen: 0.809 ng/ul
RT: 14.256 min Scan# 2471
Delta R.T. -0.001 min
Lab File: BN032781.D
Acq: 17 Jul 2024 16:01

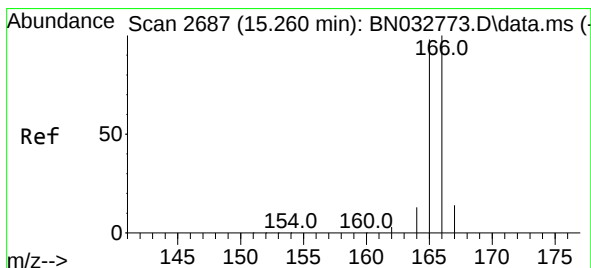
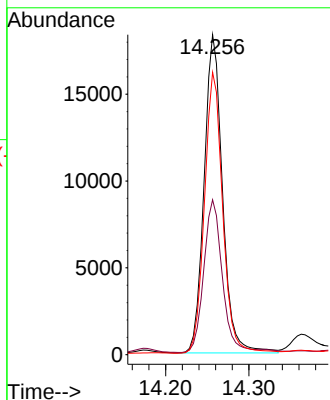
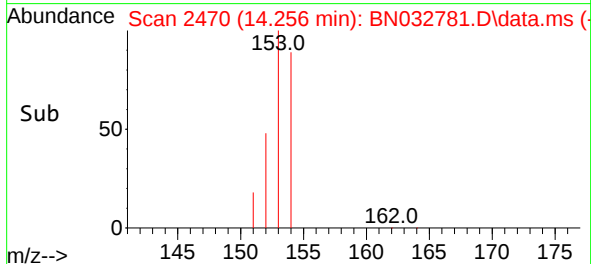
Instrument :
BNA_N
ClientSampleId :
A4BX3DL



Tgt Ion:153 Resp: 28180
Ion Ratio Lower Upper
153 100
152 48.4 40.0 60.0
154 88.3 70.2 105.4

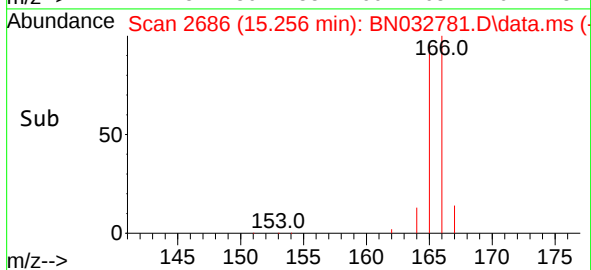
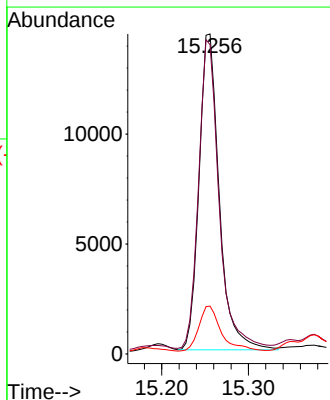
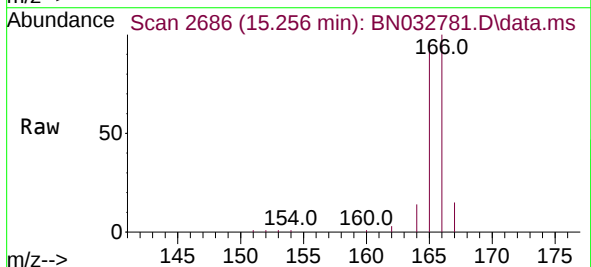
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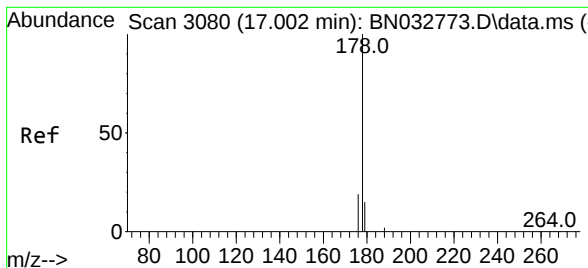
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#12
Fluorene
Concen: 0.583 ng/ul
RT: 15.256 min Scan# 2686
Delta R.T. -0.011 min
Lab File: BN032781.D
Acq: 17 Jul 2024 16:01

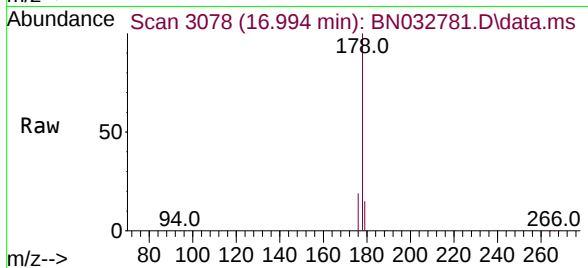
Tgt Ion:166 Resp: 23230
Ion Ratio Lower Upper
166 100
165 96.6 79.7 119.5
167 15.0 11.4 17.2





#15
 Phenanthrene
 Concen: 7.664 ng/ul
 RT: 16.994 min Scan# 3080
 Delta R.T. -0.014 min
 Lab File: BN032781.D
 Acq: 17 Jul 2024 16:01

Instrument :
 BNA_N
 ClientSampleId :
 A4BX3DL

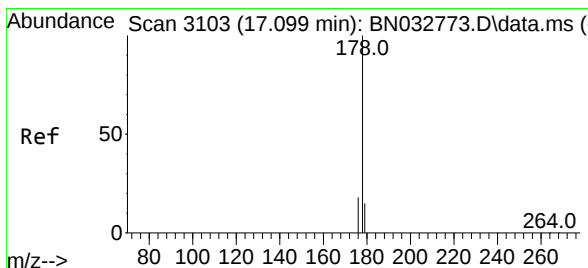
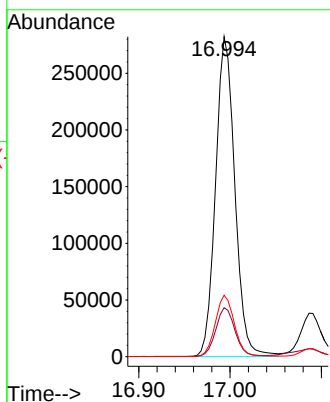


Tgt Ion:178 Resp: 41229

Ion	Ratio	Lower	Upper
178	100		
179	15.3	13.0	19.4
176	19.2	15.6	23.4

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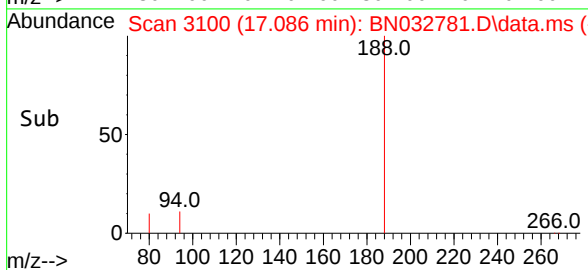
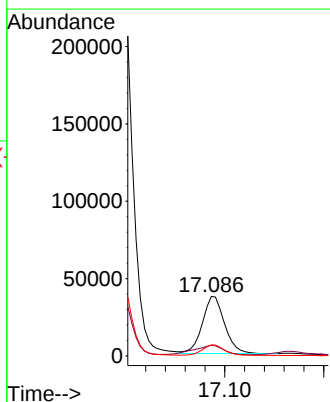
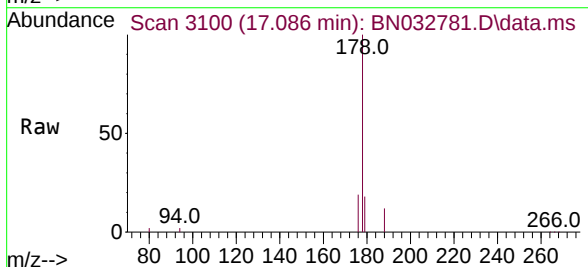
Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/19/2024

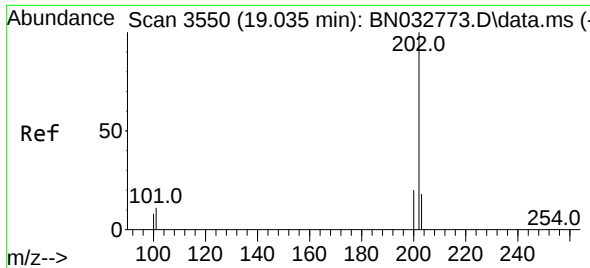


#16
 Anthracene
 Concen: 1.311 ng/ul
 RT: 17.086 min Scan# 3100
 Delta R.T. -0.018 min
 Lab File: BN032781.D
 Acq: 17 Jul 2024 16:01

Tgt Ion:178 Resp: 57636

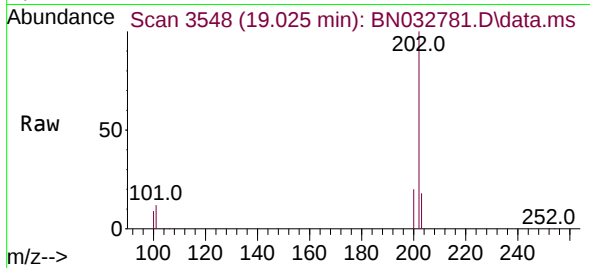
Ion	Ratio	Lower	Upper
178	100		
179	17.9	13.4	20.2
176	18.7	15.4	23.0





#19
Fluoranthene
Concen: 7.768 ng/ul
RT: 19.025 min Scan# 3548
Delta R.T. -0.006 min
Lab File: BN032781.D
Acq: 17 Jul 2024 16:01

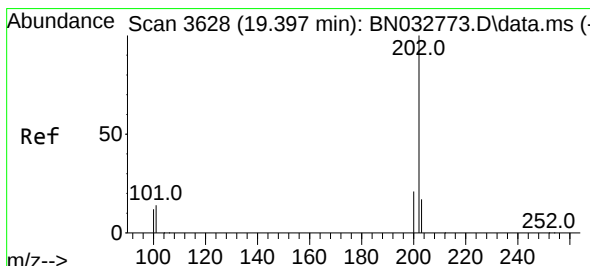
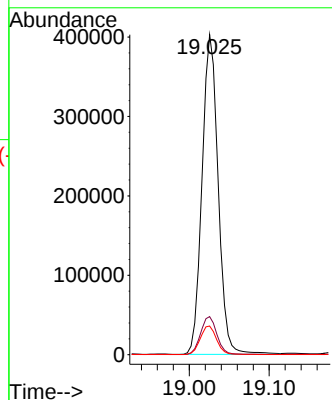
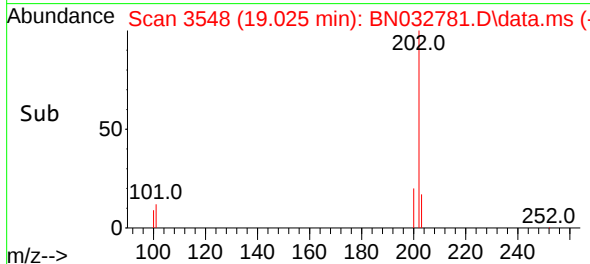
Instrument :
BNA_N
ClientSampleId :
A4BX3DL



Tgt Ion:202 Resp: 567350
Ion Ratio Lower Upper
202 100
101 11.9 9.8 14.8
100 8.9 7.9 11.9

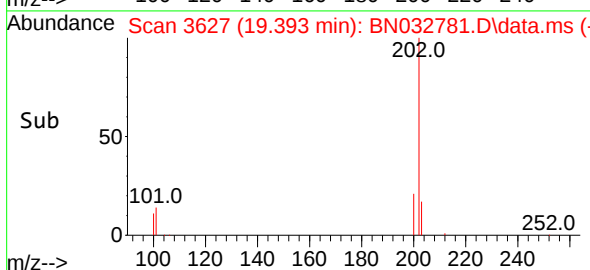
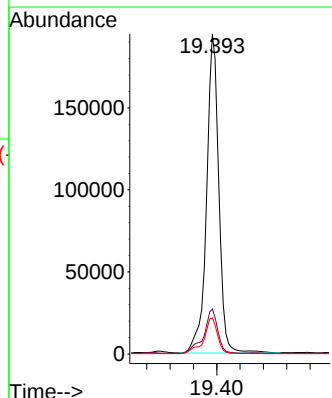
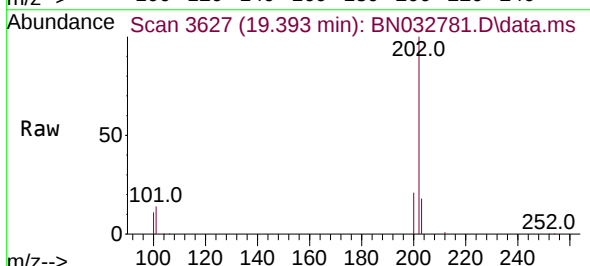
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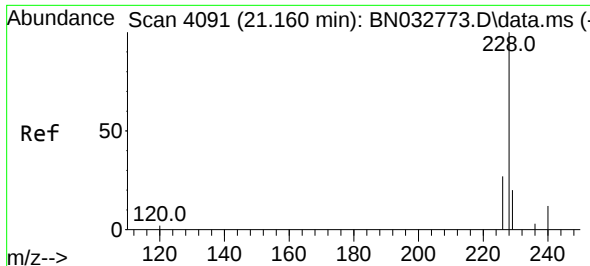
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#20
Pyrene
Concen: 3.767 ng/ul
RT: 19.393 min Scan# 3627
Delta R.T. -0.006 min
Lab File: BN032781.D
Acq: 17 Jul 2024 16:01

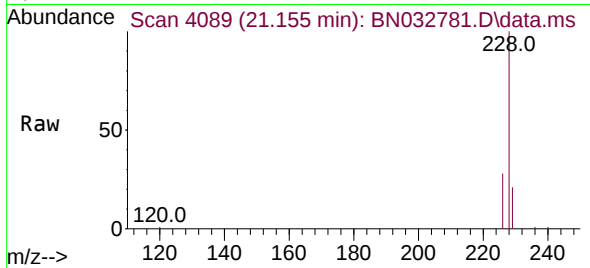
Tgt Ion:202 Resp: 284753
Ion Ratio Lower Upper
202 100
101 14.0 11.8 17.6
100 11.3 9.6 14.4





#21
Benzo(a)anthracene
Concen: 3.713 ng/ul
RT: 21.155 min Scan# 4091
Delta R.T. -0.004 min
Lab File: BN032781.D
Acq: 17 Jul 2024 16:01

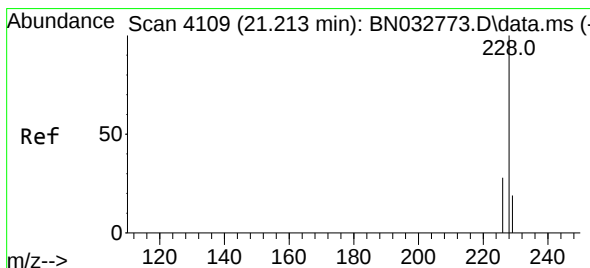
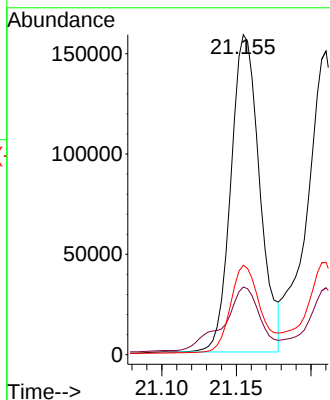
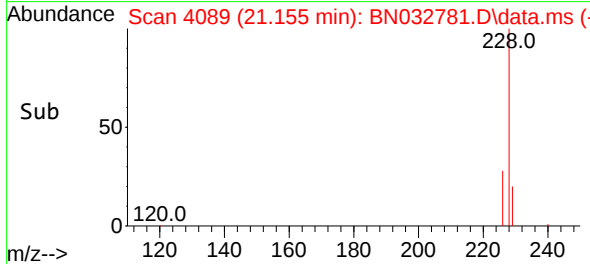
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Tgt Ion:228 Resp: 21233
Ion Ratio Lower Upper
228 100
229 21.1 16.1 24.1
226 28.0 21.9 32.9

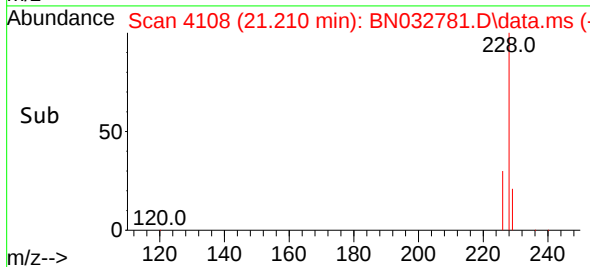
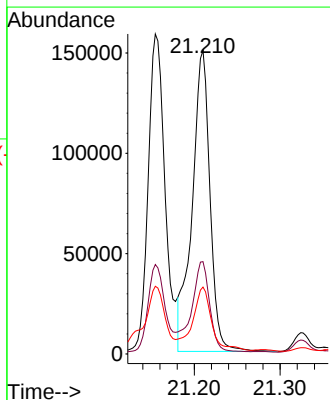
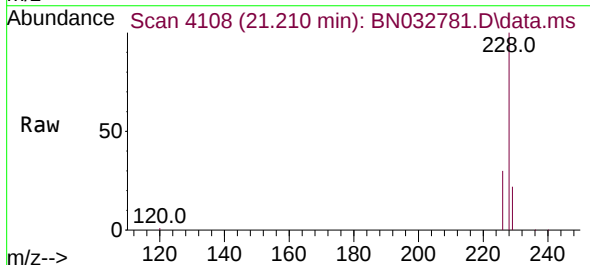
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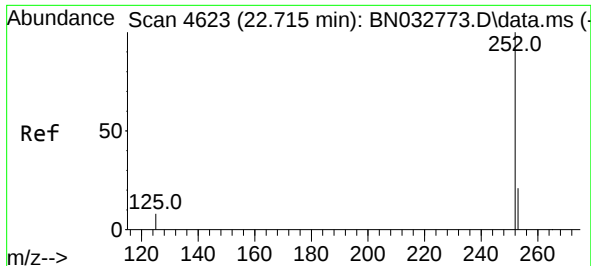
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#22
Chrysene
Concen: 2.624 ng/ul
RT: 21.210 min Scan# 4108
Delta R.T. -0.001 min
Lab File: BN032781.D
Acq: 17 Jul 2024 16:01

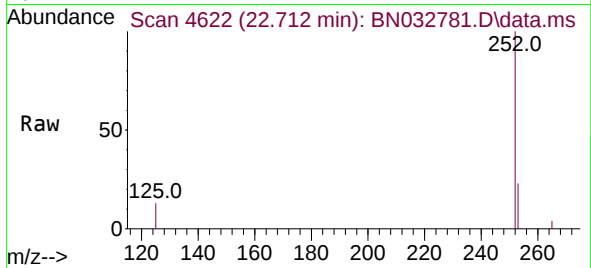
Tgt Ion:228 Resp: 217085
Ion Ratio Lower Upper
228 100
226 30.4 24.0 36.0
229 22.0 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 3.866 ng/ul m
RT: 22.712 min Scan# 4622
Delta R.T. 0.001 min
Lab File: BN032781.D
Acq: 17 Jul 2024 16:01

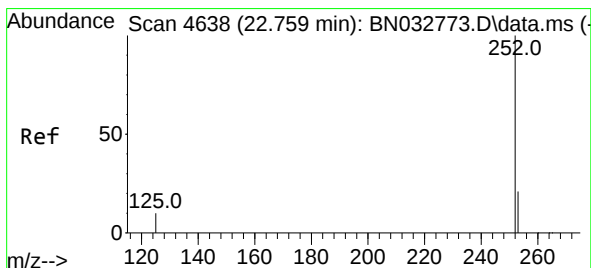
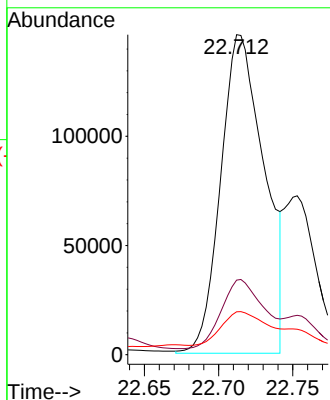
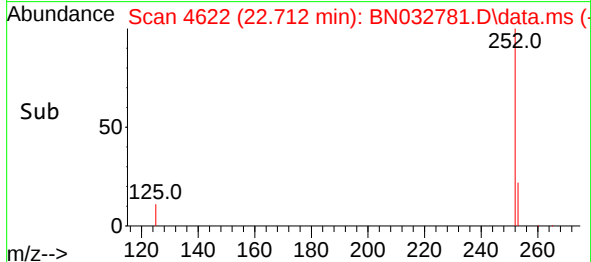
Instrument :
BNA_N
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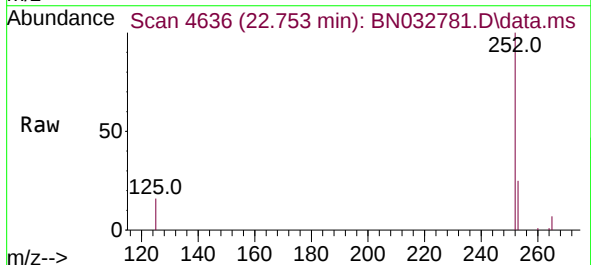
Tgt Ion:252 Resp: 29726
Ion Ratio Lower Upper
252 100
253 23.3 0.0 54.0
125 13.4 0.0 36.0

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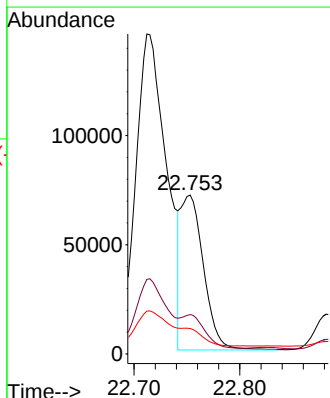
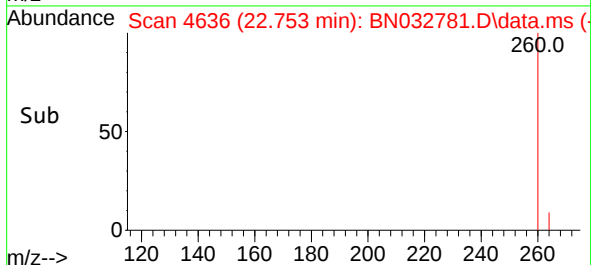
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024

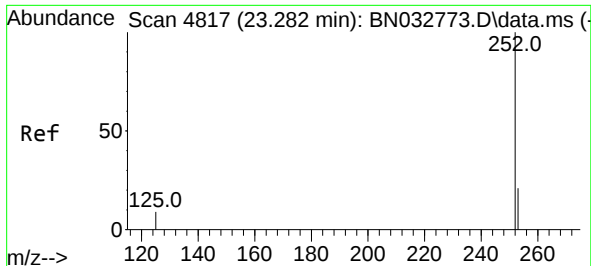


#25
Benzo(k)fluoranthene
Concen: 1.133 ng/ul m
RT: 22.753 min Scan# 4636
Delta R.T. -0.001 min
Lab File: BN032781.D
Acq: 17 Jul 2024 16:01



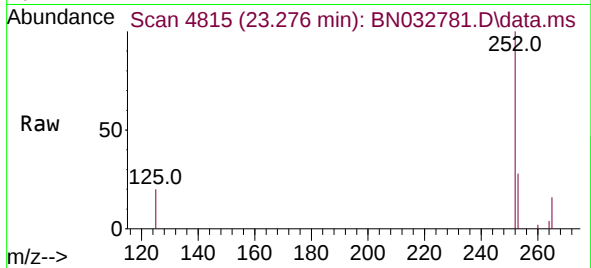
Tgt Ion:252 Resp: 106152
Ion Ratio Lower Upper
252 100
253 24.8 21.2 31.8
125 16.0 14.8 22.2





#26
Benzo(a)pyrene
Concen: 1.017 ng/ul
RT: 23.276 min Scan# 4815
Delta R.T. -0.001 min
Lab File: BN032781.D
Acq: 17 Jul 2024 16:01

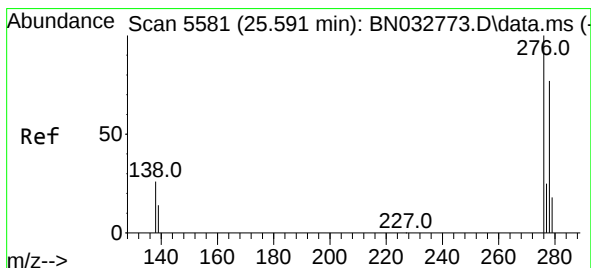
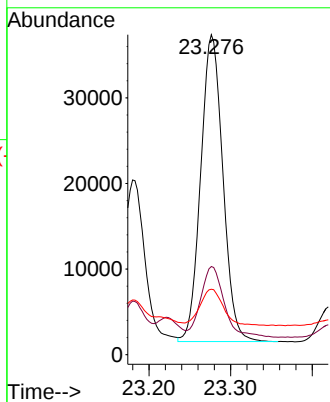
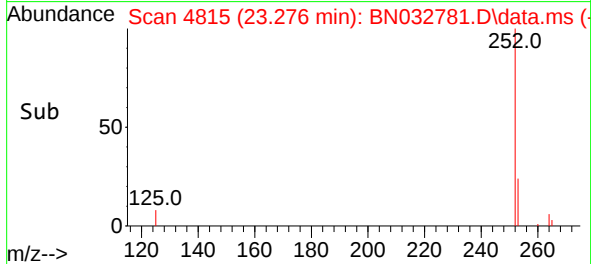
Instrument :
BNA_N
ClientSampleId :
A4BX3DL



Tgt Ion:252 Resp: 6768
Ion Ratio Lower Upper
252 100
253 27.6 25.4 38.0
125 20.5 20.6 30.8

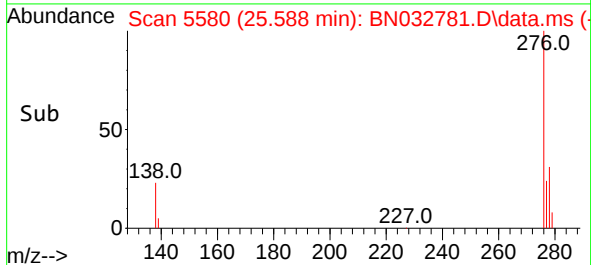
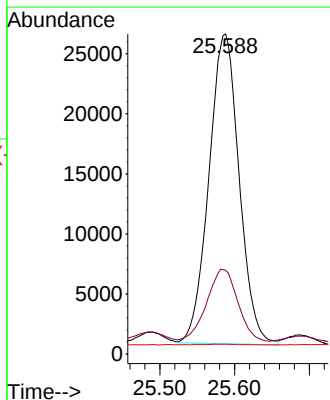
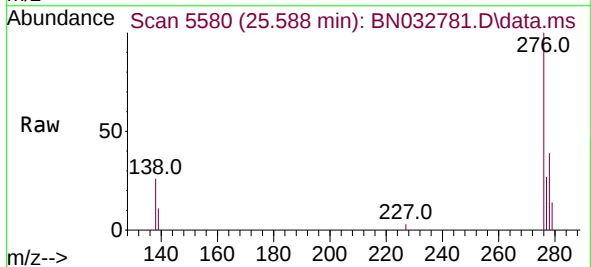
Manual Integrations
APPROVED

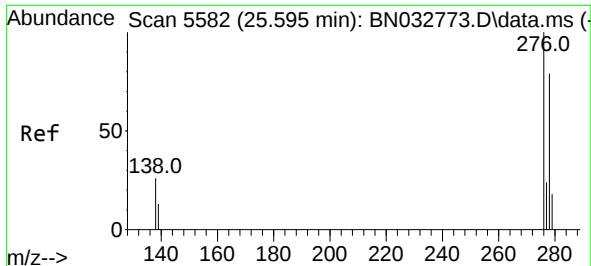
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.806 ng/ul
RT: 25.588 min Scan# 5580
Delta R.T. 0.005 min
Lab File: BN032781.D
Acq: 17 Jul 2024 16:01

Tgt Ion:276 Resp: 72577
Ion Ratio Lower Upper
276 100
138 23.9 21.6 32.4
227 0.2 0.0 0.0





#28

Dibenzo(a,h)anthracene

Concen: 0.479 ng/ul

RT: 25.584 min Scan# 51

Delta R.T. -0.005 min

Lab File: BN032781.D

Acq: 17 Jul 2024 16:01

Instrument :

BNA_N

ClientSampleId :

A4BX3DL

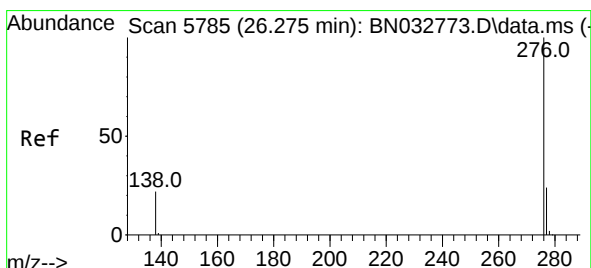
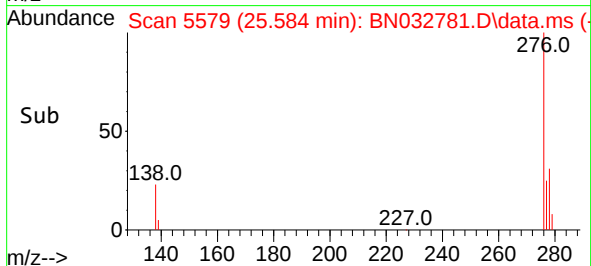
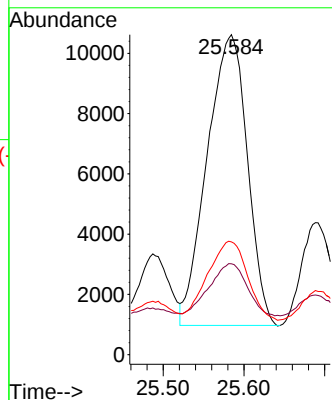
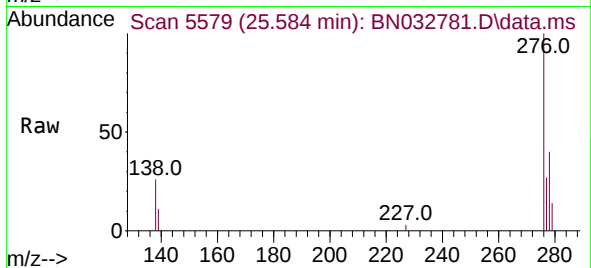
Tgt Ion:278 Resp: 33420
 Ion Ratio Lower Upper
 278 100
 139 28.4 16.6 24.8#
 279 35.3 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/18/2024

Supervised By :mohammad ahmed 07/19/2024



#29

Benzo(g,h,i)perylene

Concen: 0.129 ng/ul

RT: 26.269 min Scan# 5783

Delta R.T. 0.009 min

Lab File: BN032781.D

Acq: 17 Jul 2024 16:01

Tgt Ion:276 Resp: 9735
 Ion Ratio Lower Upper
 276 100
 138 46.9 21.0 31.4#
 277 42.2 20.6 31.0#

