

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
 Data File : BN032959.D
 Acq On : 24 Jul 2024 22:01
 Operator : MA/JU
 Sample : P3215-05DL 5X
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4C08DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/25/2024
 Supervised By :mohammad ahmed 07/26/2024

Quant Time: Jul 25 00:49:32 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 : Sat Jul 20 01:52:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.519	152	3615	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.293	136	11842	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.168	164	6193	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.930	188	11336	0.400	ng/ul	-0.03
17) Chrysene-d12	21.146	240	10108	0.400	ng/ul	#-0.02
23) Perylene-d12	23.338	264	13771	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.084	96	2759	0.636	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.898	152	763	0.043	ng/ul	-0.03
18) Fluoranthene-d10	18.970	212	1248	0.038	ng/ul	-0.03
Target Compounds					Qvalue	
5) Naphthalene	10.342	128	13262	0.417	ng/ul	99
7) 2-Methylnaphthalene	11.970	142	5127	0.258	ng/ul	97
8) 1-Methylnaphthalene	12.190	142	4404	0.215	ng/ul	99
10) Acenaphthylene	13.891	152	15977	0.639	ng/ul	99
11) Acenaphthene	14.233	153	19504	0.943	ng/ul	98
12) Fluorene	15.233	166	19691	0.833	ng/ul	99
15) Phenanthrene	16.972	178	364153	11.795	ng/ul	98
16) Anthracene	17.065	178	73599	2.918	ng/ul	98
19) Fluoranthene	19.002	202	580138	14.116	ng/ul	98
20) Pyrene	19.369	202	336690	7.915	ng/ul	98
21) Benzo(a)anthracene	21.128	228	269891	8.388	ng/ul	99
22) Chrysene	21.184	228	280527	6.027	ng/ul	98
24) Benzo(b)fluoranthene	22.683	252	370214m	7.619	ng/ul	
25) Benzo(k)fluoranthene	22.721	252	137219m	2.317	ng/ul	
26) Benzo(a)pyrene	23.241	252	99640	2.370	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	25.541	276	102822	1.806	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.534	278	46292	1.049	ng/ul	96
29) Benzo(g,h,i)perylene	26.225	276	13050	0.274	ng/ul#	79

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

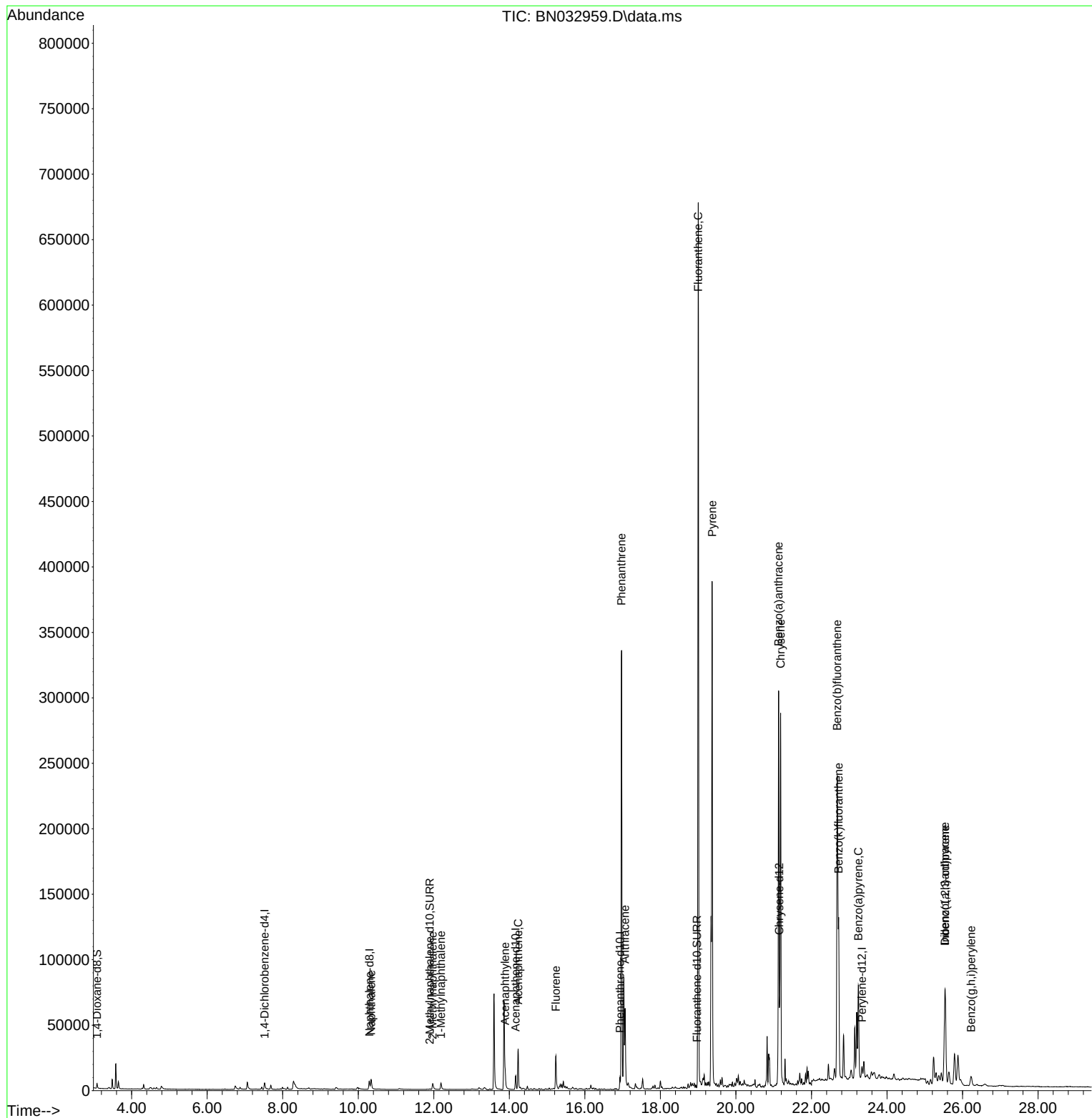
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032959.D
Acq On : 24 Jul 2024 22:01
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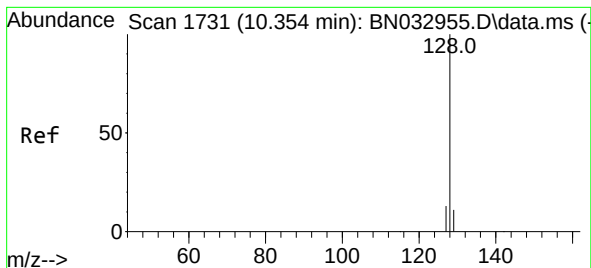
Instrument :
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Quant Time: Jul 25 00:49:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.417 ng/ul

RT: 10.342 min Scan# 1731

Delta R.T. -0.022 min

Lab File: BN032959.D

Acq: 24 Jul 2024 22:01

Instrument :

BNA_N

ClientSampleId :

A4C08DL

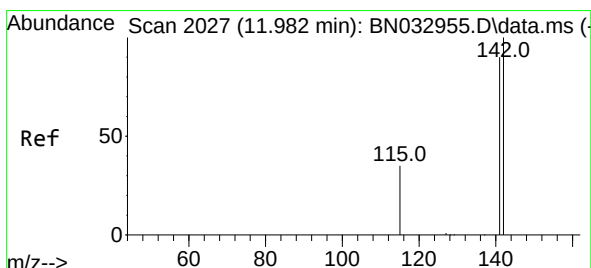
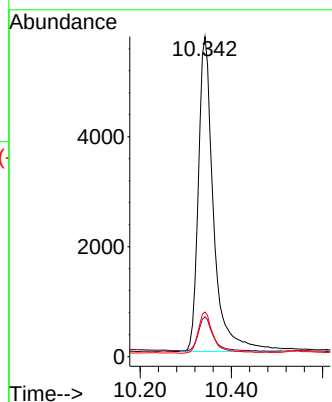
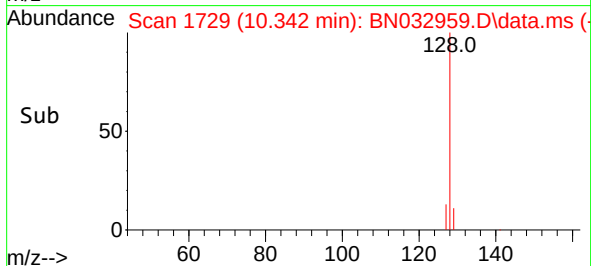
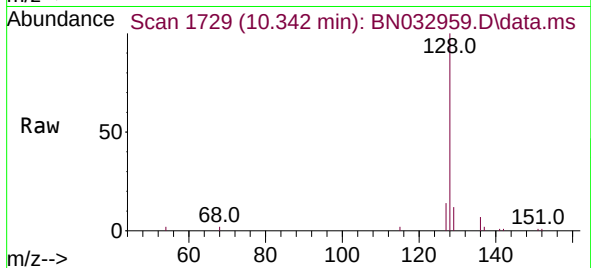
Tgt Ion:	128	Resp:	1326
Ion Ratio	Lower	Upper	
128	100		
129	12.5	10.0	15.0
127	13.9	11.6	17.4

Manual Integrations

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Supervised By :mohammad ahmed 07/26/2024



#7

2-Methylnaphthalene

Concen: 0.258 ng/ul

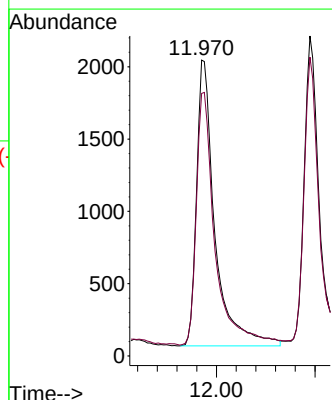
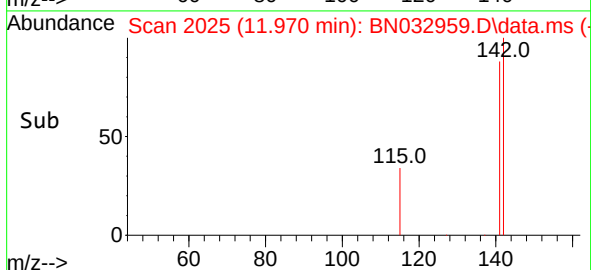
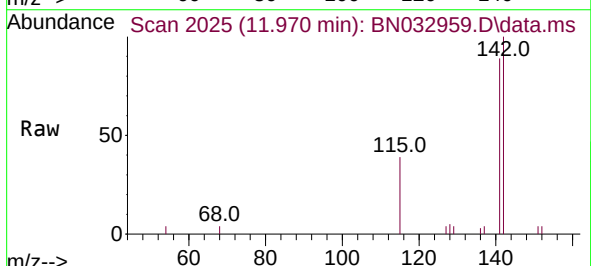
RT: 11.970 min Scan# 2025

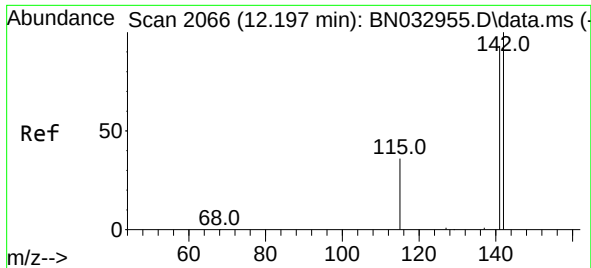
Delta R.T. -0.027 min

Lab File: BN032959.D

Acq: 24 Jul 2024 22:01

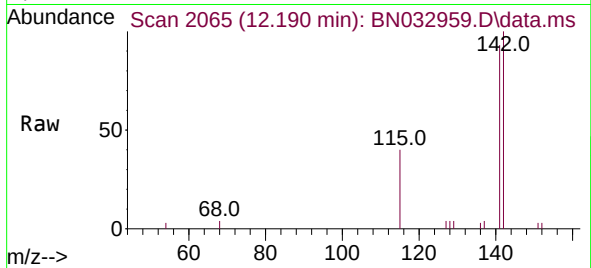
Tgt Ion:	142	Resp:	5127
Ion Ratio	Lower	Upper	
142	100		
141	89.5	74.0	111.0





#8
1-Methylnaphthalene
Concen: 0.215 ng/ul
RT: 12.190 min Scan# 2065
Delta R.T. -0.022 min
Lab File: BN032959.D
Acq: 24 Jul 2024 22:01

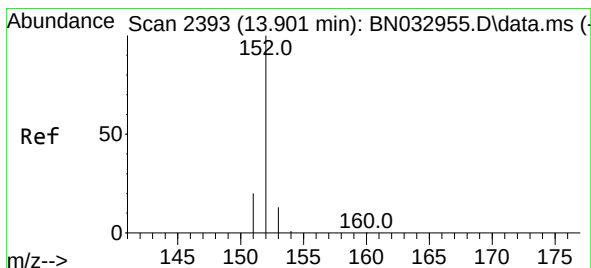
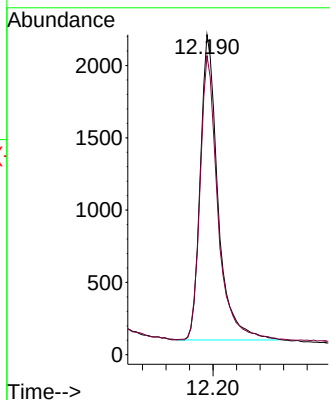
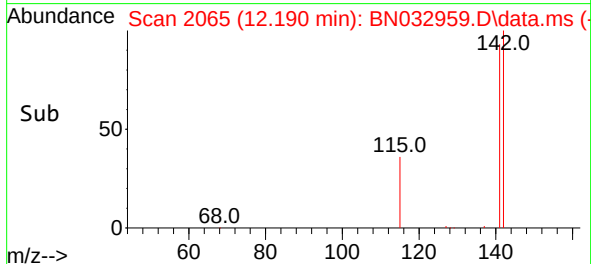
Instrument :
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ClientSampleId :
A4C08DL



Tgt Ion:142 Resp: 4404
Ion Ratio Lower Upper
142 100
141 93.0 75.0 112.4

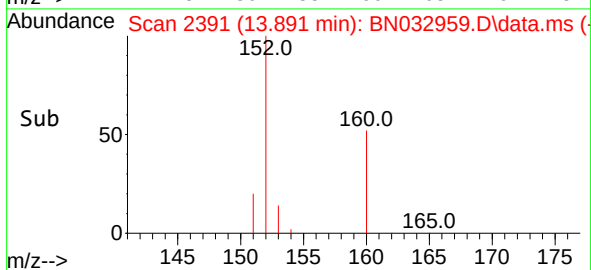
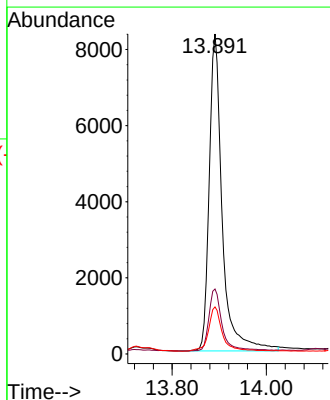
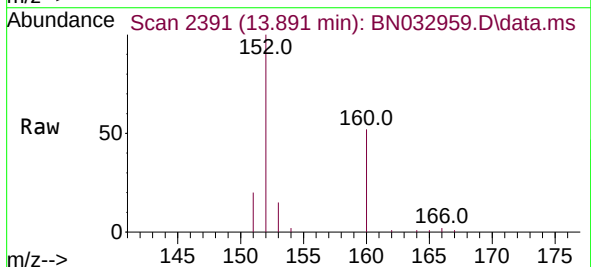
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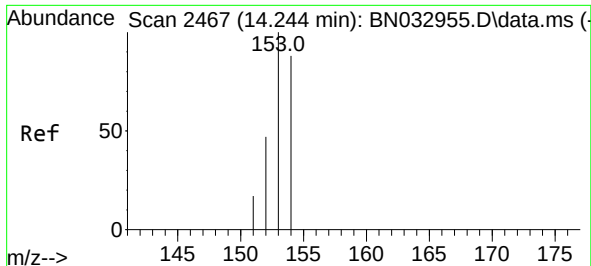
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



#10
Acenaphthylene
Concen: 0.639 ng/ul
RT: 13.891 min Scan# 2391
Delta R.T. -0.023 min
Lab File: BN032959.D
Acq: 24 Jul 2024 22:01

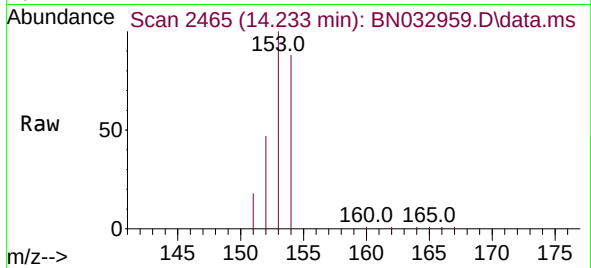
Tgt Ion:152 Resp: 15977
Ion Ratio Lower Upper
152 100
151 20.3 16.3 24.5
153 14.7 11.3 16.9





#11
Acenaphthene
Concen: 0.943 ng/ul
RT: 14.233 min Scan# 2465
Delta R.T. -0.018 min
Lab File: BN032959.D
Acq: 24 Jul 2024 22:01

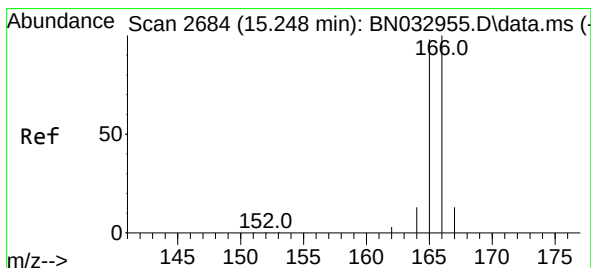
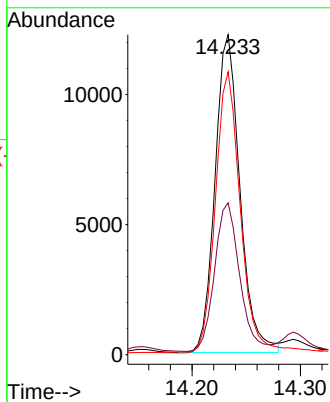
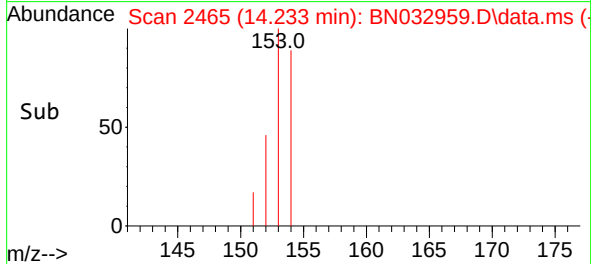
Instrument :
BNA_N
ClientSampleId :
A4C08DL



Tgt Ion:153 Resp: 19504
Ion Ratio Lower Upper
153 100
152 47.4 40.0 60.0
154 88.4 70.2 105.4

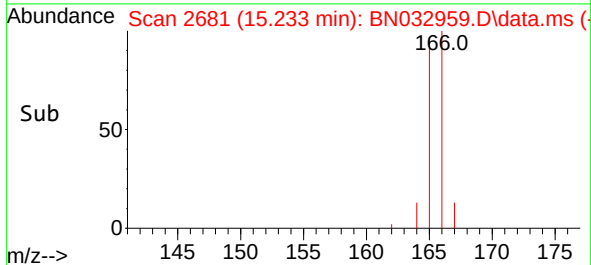
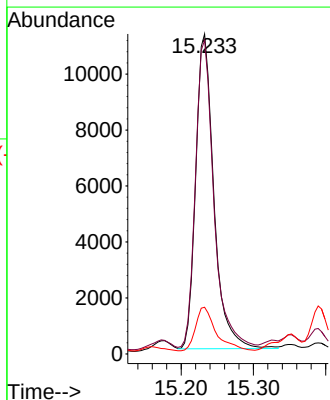
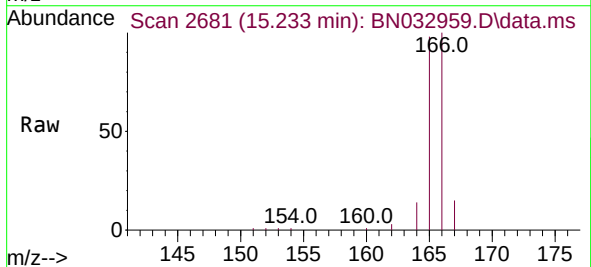
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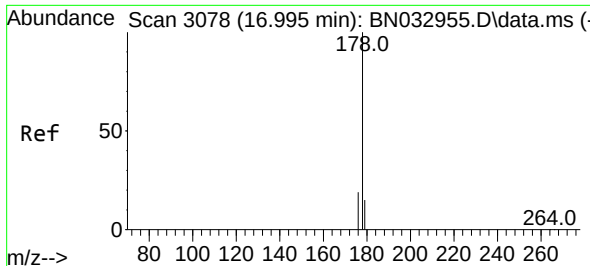
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



#12
Fluorene
Concen: 0.833 ng/ul
RT: 15.233 min Scan# 2681
Delta R.T. -0.028 min
Lab File: BN032959.D
Acq: 24 Jul 2024 22:01

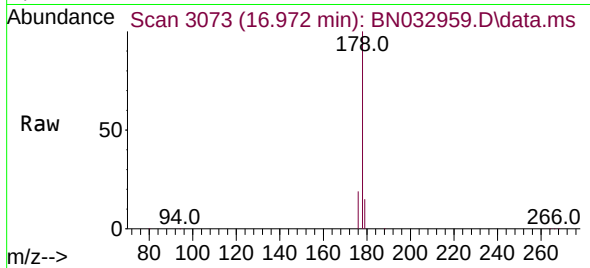
Tgt Ion:166 Resp: 19691
Ion Ratio Lower Upper
166 100
165 98.0 79.7 119.5
167 14.6 11.4 17.2





#15
Phenanthrene
Concen: 11.795 ng/u1
RT: 16.972 min Scan# 3073
Delta R.T. -0.029 min
Lab File: BN032959.D
Acq: 24 Jul 2024 22:01

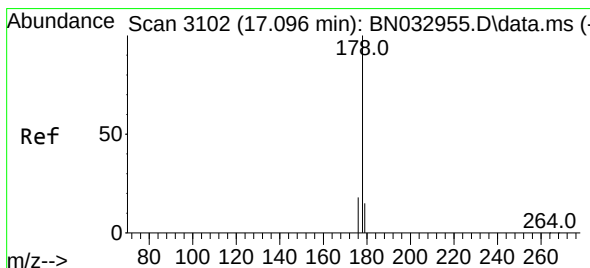
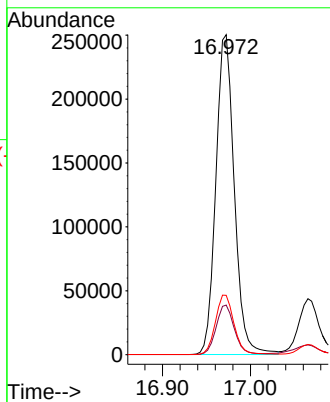
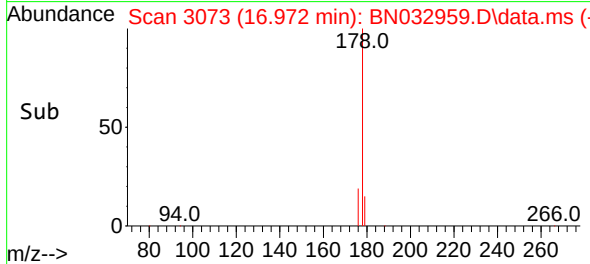
Instrument :
BNA_N
ClientSampleId :
A4C08DL



Tgt Ion:178 Resp: 36415
Ion Ratio Lower Upper
178 100
179 15.5 13.0 19.4
176 18.5 15.6 23.4

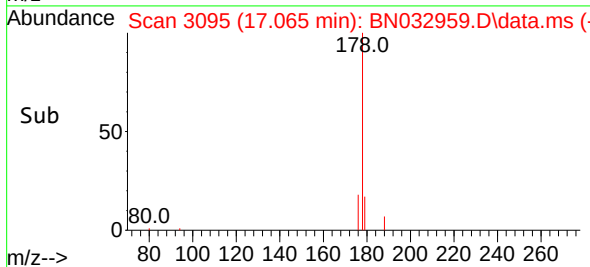
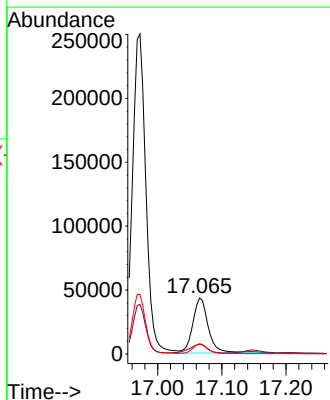
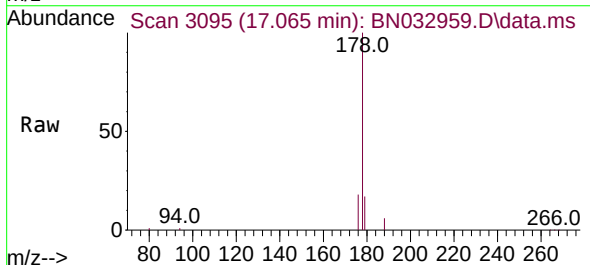
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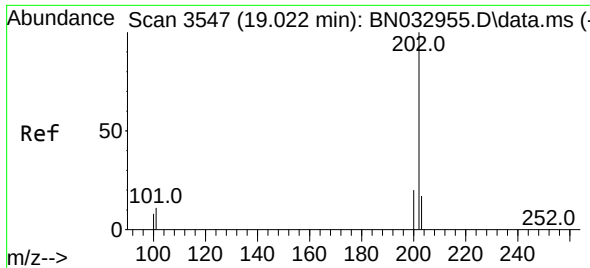
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



#16
Anthracene
Concen: 2.918 ng/u1
RT: 17.065 min Scan# 3095
Delta R.T. -0.034 min
Lab File: BN032959.D
Acq: 24 Jul 2024 22:01

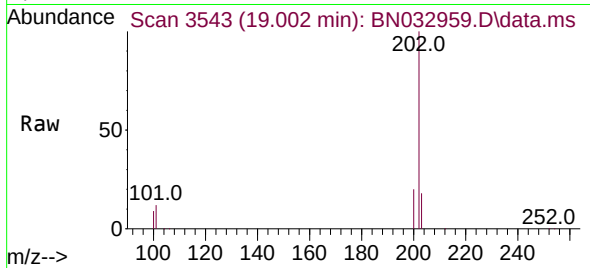
Tgt Ion:178 Resp: 73599
Ion Ratio Lower Upper
178 100
179 17.4 13.4 20.2
176 18.3 15.4 23.0





#19
Fluoranthene
Concen: 14.116 ng/u1
RT: 19.002 min Scan# 3543
Delta R.T. -0.023 min
Lab File: BN032959.D
Acq: 24 Jul 2024 22:01

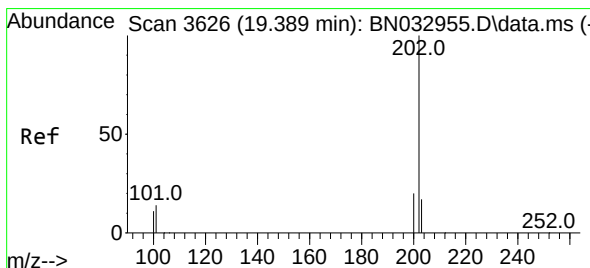
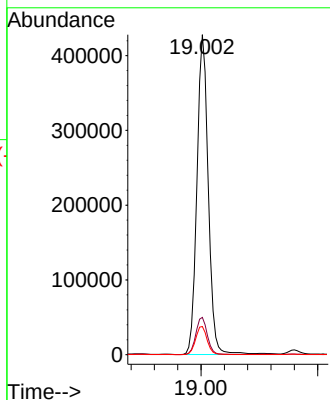
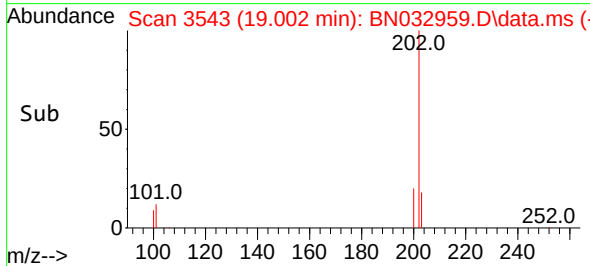
Instrument :
BNA_N
ClientSampleId :
A4C08DL



Tgt Ion:202 Resp: 580138
Ion Ratio Lower Upper
202 100
101 11.7 9.8 14.8
100 8.8 7.9 11.9

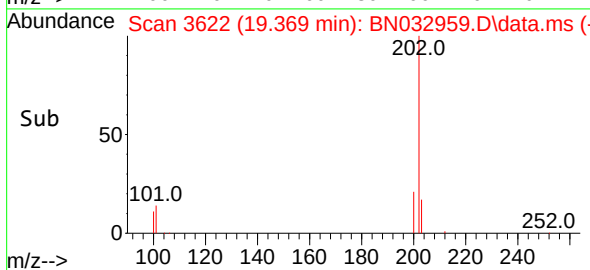
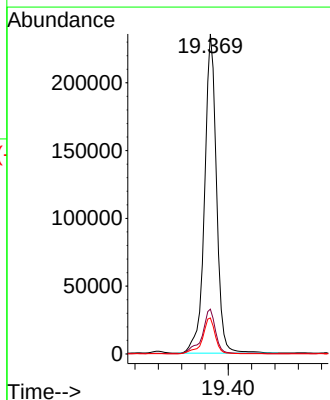
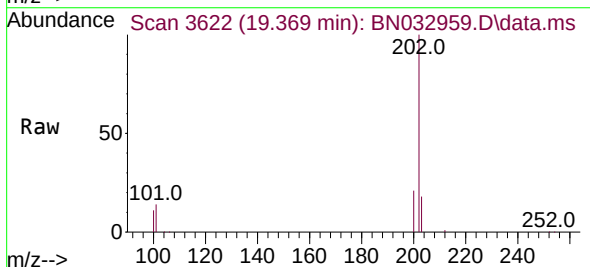
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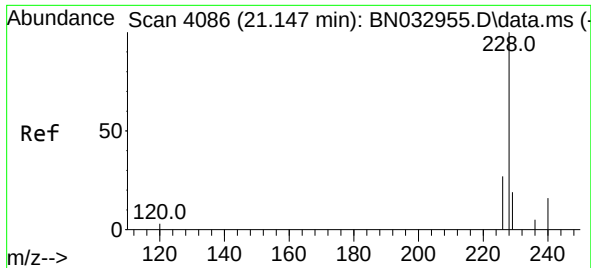
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



#20
Pyrene
Concen: 7.915 ng/u1
RT: 19.369 min Scan# 3622
Delta R.T. -0.023 min
Lab File: BN032959.D
Acq: 24 Jul 2024 22:01

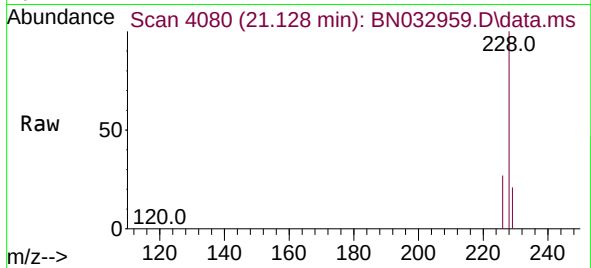
Tgt Ion:202 Resp: 336690
Ion Ratio Lower Upper
202 100
101 14.0 11.8 17.6
100 11.2 9.6 14.4





#21
Benzo(a)anthracene
Concen: 8.388 ng/u1
RT: 21.128 min Scan# 4080
Delta R.T. -0.022 min
Lab File: BN032959.D
Acq: 24 Jul 2024 22:01

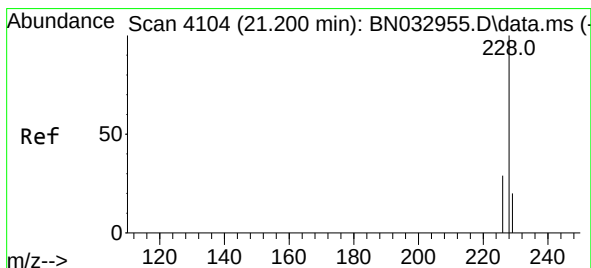
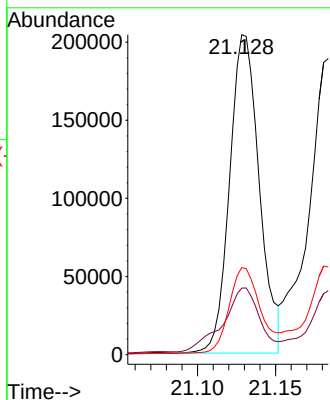
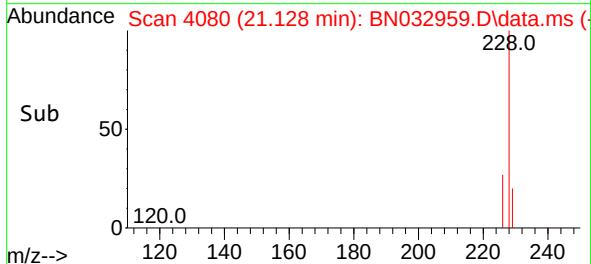
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Tgt Ion:228 Resp: 26989
Ion Ratio Lower Upper
228 100
229 20.8 16.1 24.1
226 27.2 21.9 32.9

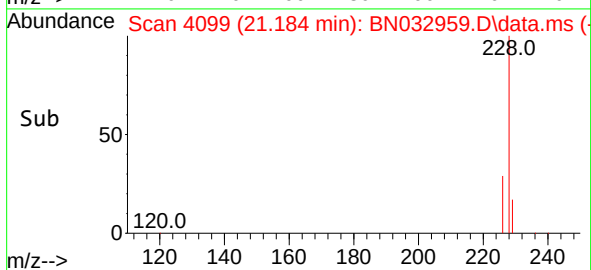
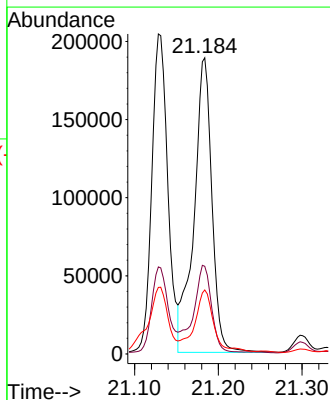
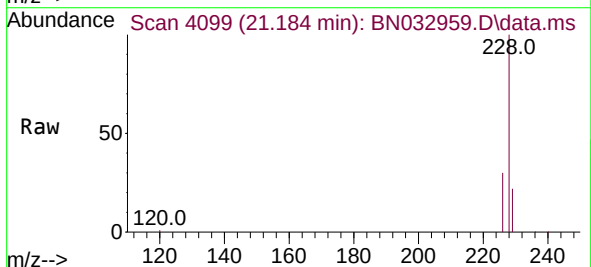
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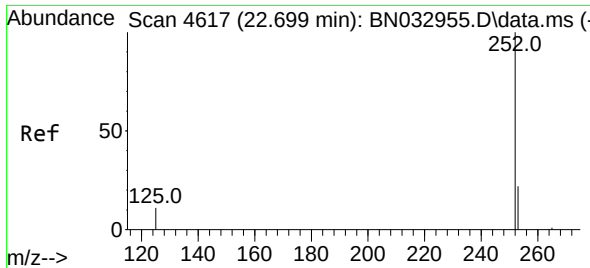
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



#22
Chrysene
Concen: 6.027 ng/u1
RT: 21.184 min Scan# 4099
Delta R.T. -0.019 min
Lab File: BN032959.D
Acq: 24 Jul 2024 22:01

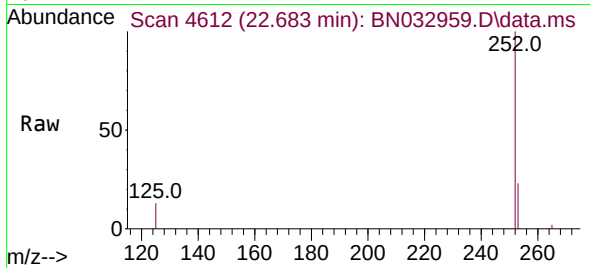
Tgt Ion:228 Resp: 280527
Ion Ratio Lower Upper
228 100
226 29.6 24.0 36.0
229 21.6 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 7.619 ng/ul m
RT: 22.683 min Scan# 4612
Delta R.T. -0.016 min
Lab File: BN032959.D
Acq: 24 Jul 2024 22:01

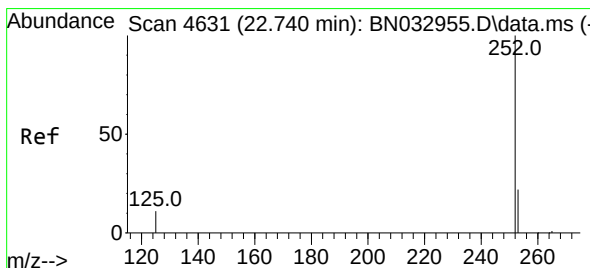
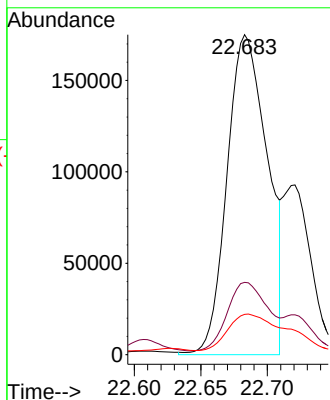
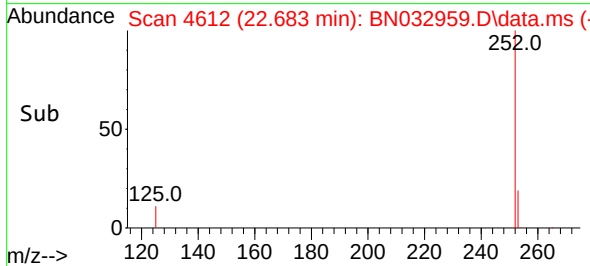
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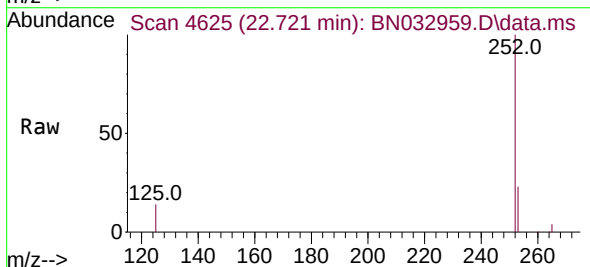
Tgt Ion:252 Resp: 370214
Ion Ratio Lower Upper
252 100
253 22.6 0.0 54.0
125 12.6 0.0 36.0

Manual Integrations
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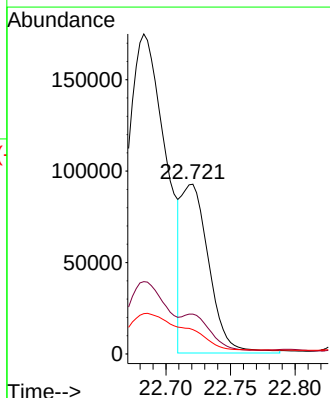
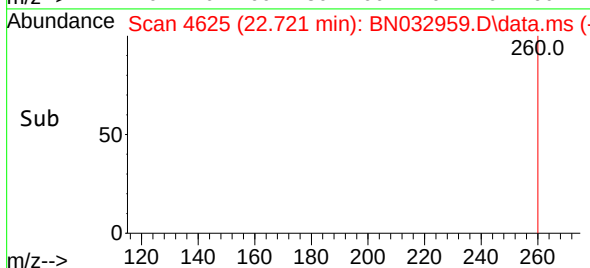
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024

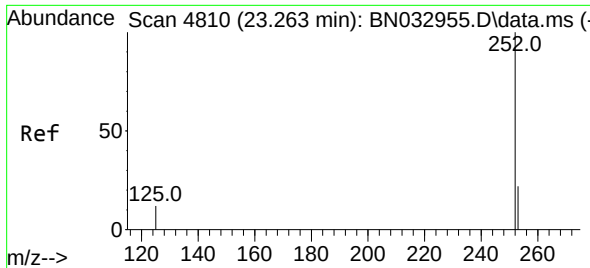


#25
Benzo(k)fluoranthene
Concen: 2.317 ng/ul m
RT: 22.721 min Scan# 4625
Delta R.T. -0.019 min
Lab File: BN032959.D
Acq: 24 Jul 2024 22:01



Tgt Ion:252 Resp: 137219
Ion Ratio Lower Upper
252 100
253 23.5 21.2 31.8
125 14.4 14.8 22.2#





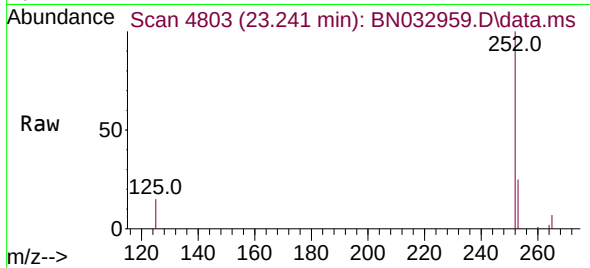
#26
Benzo(a)pyrene
Concen: 2.370 ng/ul
RT: 23.241 min Scan# 4810
Delta R.T. -0.022 min
Lab File: BN032959.D
Acq: 24 Jul 2024 22:01

Instrument :

BN032959.D

ClientSampleId :

A4C08DL



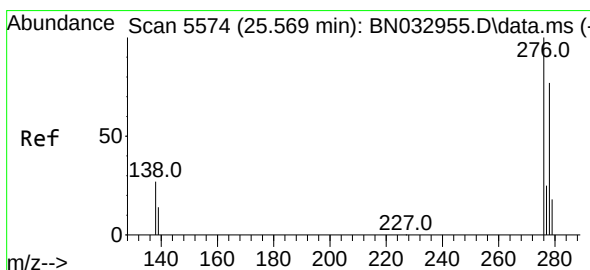
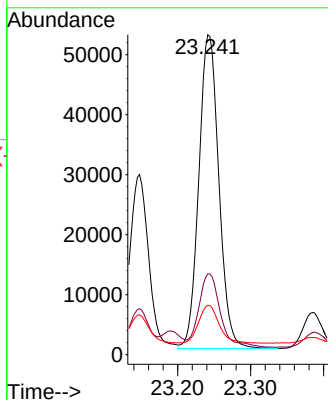
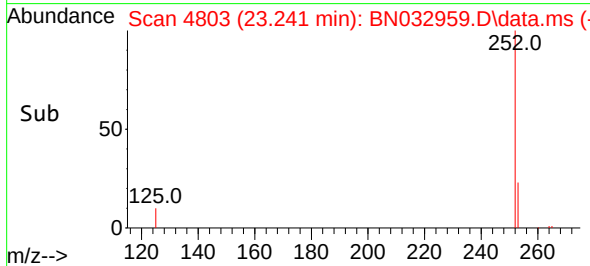
Tgt Ion:252 Resp: 99640
Ion Ratio Lower Upper
252 100
253 25.2 25.4 38.0
125 15.4 20.6 30.8

Manual Integrations

APPROVED

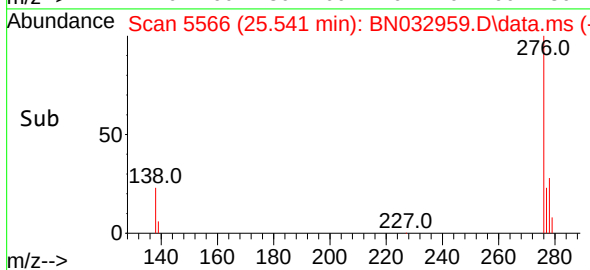
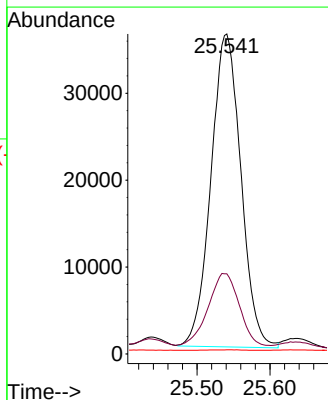
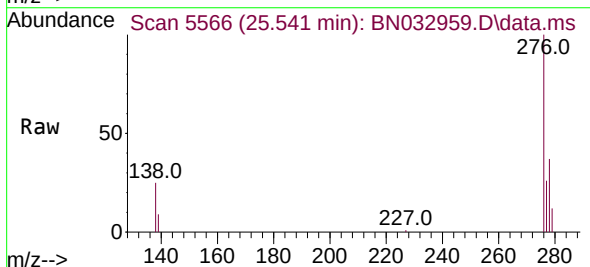
Reviewed By :Yogesh Patel 07/25/2024

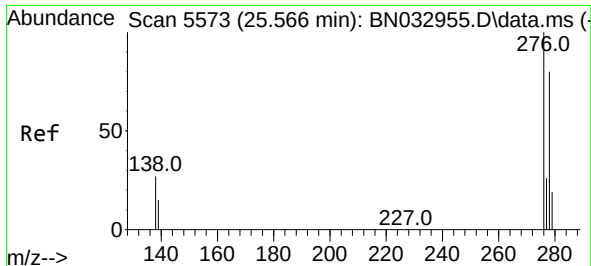
Supervised By :mohammad ahmed 07/26/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.806 ng/ul
RT: 25.541 min Scan# 5566
Delta R.T. -0.028 min
Lab File: BN032959.D
Acq: 24 Jul 2024 22:01

Tgt Ion:276 Resp: 102822
Ion Ratio Lower Upper
276 100
138 24.6 21.6 32.4
227 0.2 0.0 0.0





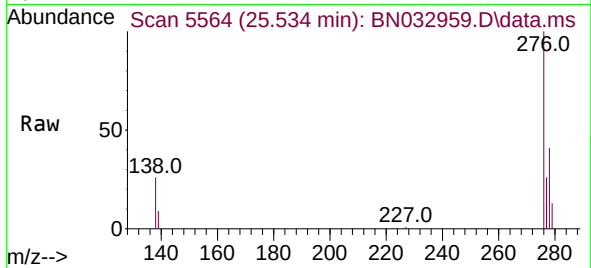
#28
Dibenzo(a,h)anthracene
Concen: 1.049 ng/ul
RT: 25.534 min Scan# 51
Delta R.T. -0.035 min
Lab File: BN032959.D
Acq: 24 Jul 2024 22:01

Instrument :

BNA_N

ClientSampleId :

A4C08DL



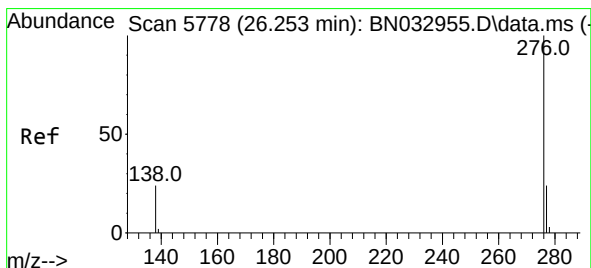
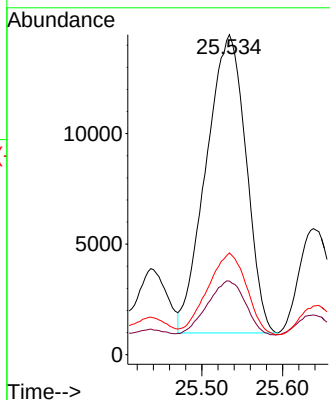
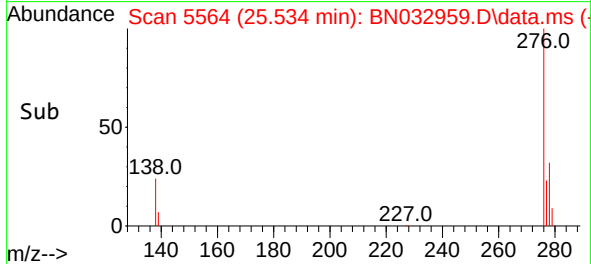
Tgt Ion:278 Resp: 46292
Ion Ratio Lower Upper
278 100
139 23.0 16.6 24.8
279 31.8 23.7 35.5

Manual Integrations

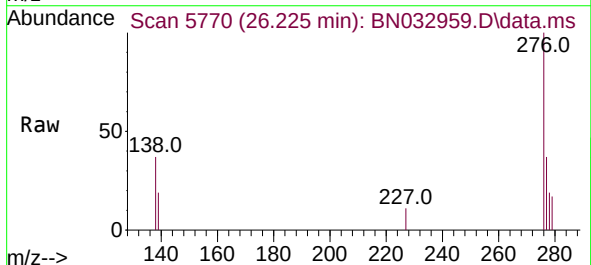
APPROVED

Reviewed By :Yogesh Patel 07/25/2024

Supervised By :mohammad ahmed 07/26/2024



#29
Benzo(g,h,i)perylene
Concen: 0.274 ng/ul
RT: 26.225 min Scan# 5770
Delta R.T. -0.025 min
Lab File: BN032959.D
Acq: 24 Jul 2024 22:01



Tgt Ion:276 Resp: 13050
Ion Ratio Lower Upper
276 100
138 37.1 21.0 31.4#
277 36.7 20.6 31.0#

