

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
 Data File : BN032854.D
 Acq On : 19 Jul 2024 23:02
 Operator : MA/JU
 Sample : P3178-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BT8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/20/2024
 Supervised By :mohammad ahmed 07/22/2024

Quant Time: Jul 19 23:54:34 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	7.528	152	3825	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.294	136	12217	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.179	164	6491	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.940	188	11042m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.156	240	9008m	0.400	ng/ul	-0.02
23) Perylene-d12	23.348	264	10107m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.089	96	17098	3.723	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.900	152	4679	0.253	ng/ul	-0.03
18) Fluoranthene-d10	18.980	212	7479	0.255	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.343	128	3105	0.095	ng/ul#	93
7) 2-Methylnaphthalene	11.977	142	1100	0.054	ng/ul	97
8) 1-Methylnaphthalene	12.197	142	831	0.039	ng/ul	97
10) Acenaphthylene	13.902	152	3649	0.139	ng/ul#	92
11) Acenaphthene	14.244	153	3072	0.142	ng/ul	99
12) Fluorene	15.239	166	3355	0.135	ng/ul#	98
15) Phenanthrene	16.982	178	60375m	2.008	ng/ul	
16) Anthracene	17.075	178	10399m	0.423	ng/ul	
19) Fluoranthene	19.013	202	137770	3.762	ng/ul	98
20) Pyrene	19.380	202	82807	2.184	ng/ul	98
21) Benzo(a)anthracene	21.139	228	65397	2.281	ng/ul	98
22) Chrysene	21.191	228	80293	1.936	ng/ul	97
24) Benzo(b)fluoranthene	22.693	252	118188m	3.314	ng/ul	
25) Benzo(k)fluoranthene	22.731	252	42478m	0.977	ng/ul	
26) Benzo(a)pyrene	23.252	252	31121	1.008	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.556	276	36173	0.866	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.546	278	14651	0.452	ng/ul#	60
29) Benzo(g,h,i)perylene	26.237	276	5591	0.160	ng/ul#	43

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

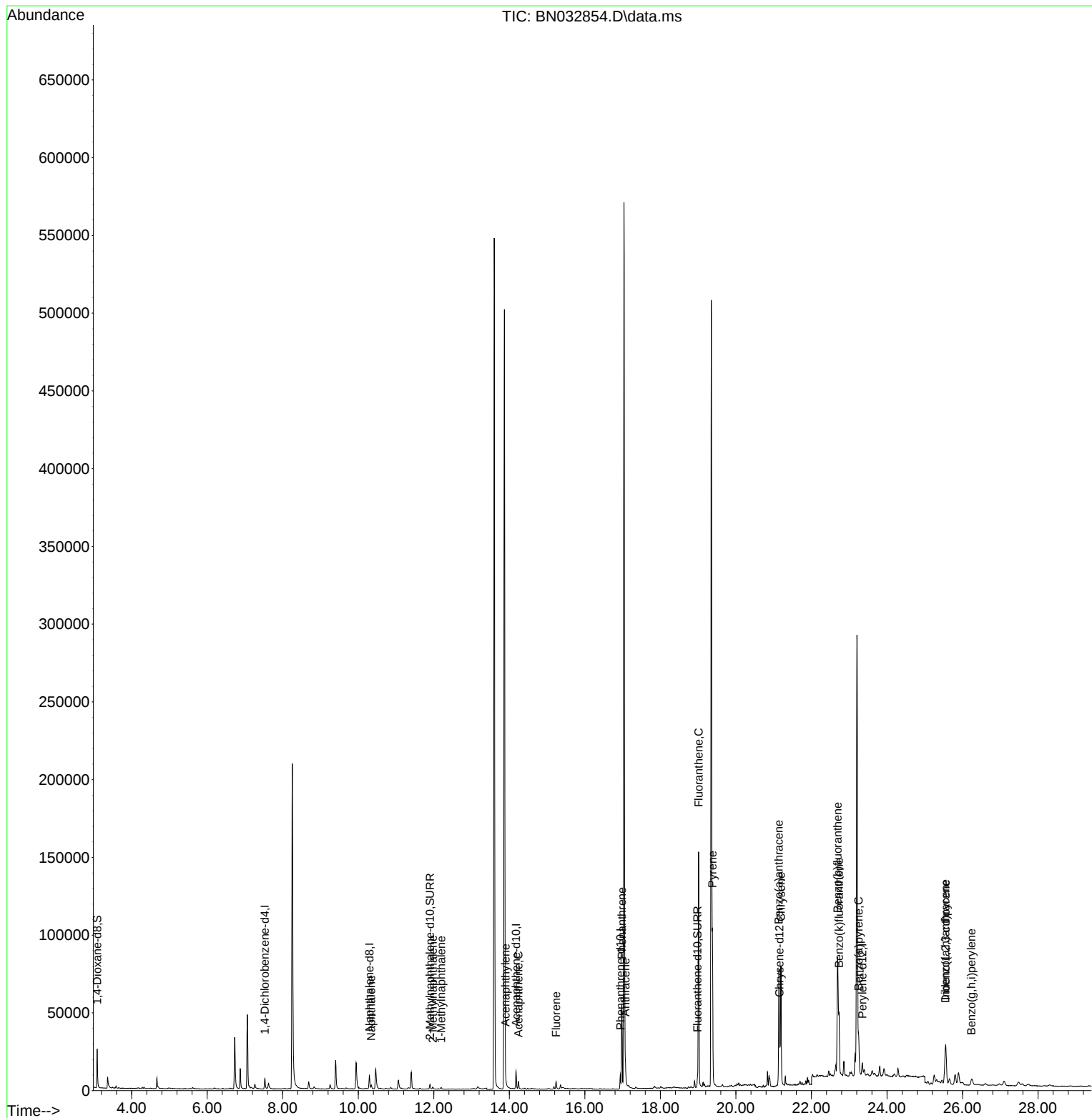
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032854.D
Acq On : 19 Jul 2024 23:02
Operator : MA/JU
Sample : P3178-13
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ALS Vial : 17 Sample Multiplier: 1

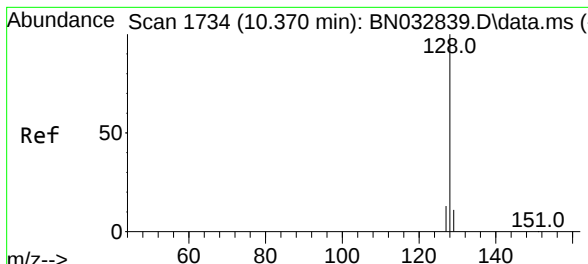
Instrument :
BNA_N
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A4BT8

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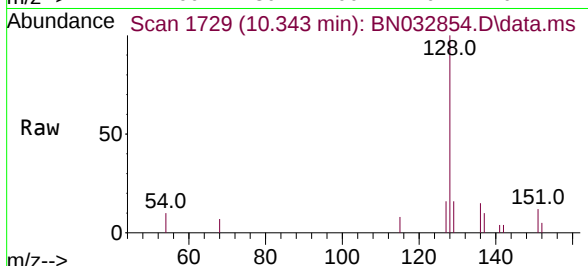
Quant Time: Jul 19 23:54:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.095 ng/ul
RT: 10.343 min Scan# 11
Delta R.T. -0.027 min
Lab File: BN032854.D
Acq: 19 Jul 2024 23:02

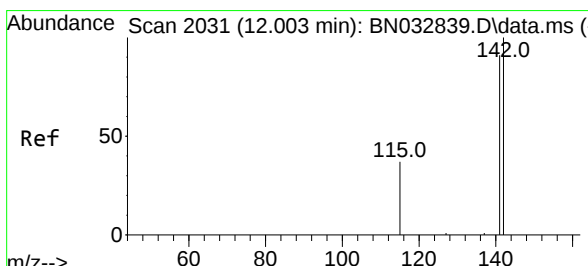
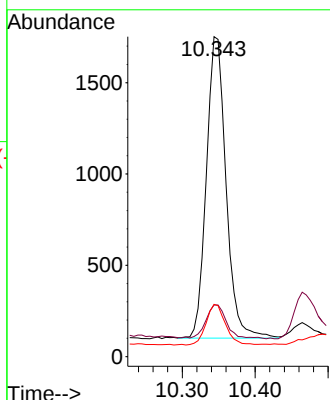
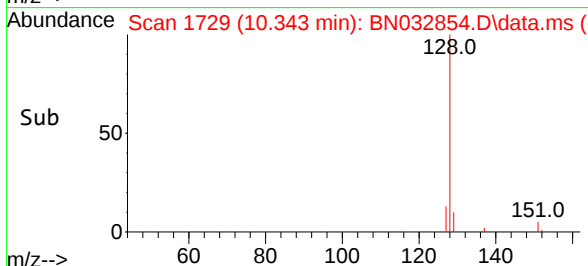
Instrument :
BNA_N
ClientSampleId :
A4BT8



Tgt Ion:128 Resp: 310
Ion Ratio Lower Upper
128 100
129 16.2 10.0 15.0
127 16.3 11.6 17.4

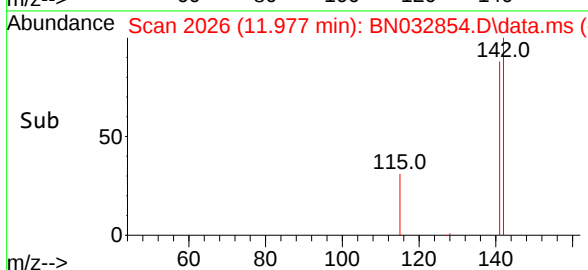
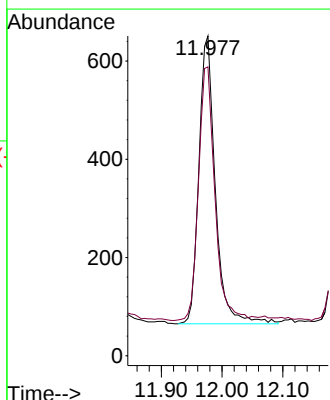
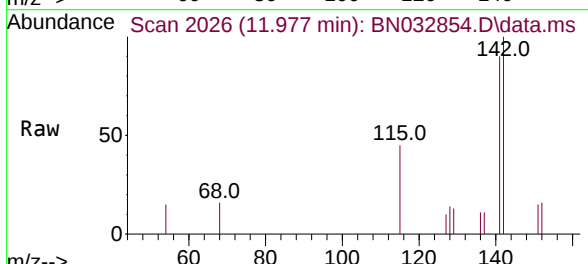
Manual Integrations
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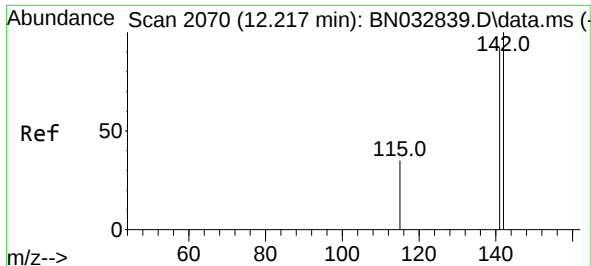
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#7
2-Methylnaphthalene
Concen: 0.054 ng/ul
RT: 11.977 min Scan# 2026
Delta R.T. -0.027 min
Lab File: BN032854.D
Acq: 19 Jul 2024 23:02

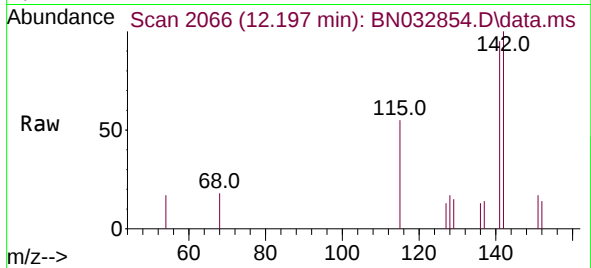
Tgt Ion:142 Resp: 1100
Ion Ratio Lower Upper
142 100
141 90.0 74.0 111.0





#8
1-Methylnaphthalene
Concen: 0.039 ng/ul
RT: 12.197 min Scan# 2066
Delta R.T. -0.022 min
Lab File: BN032854.D
Acq: 19 Jul 2024 23:02

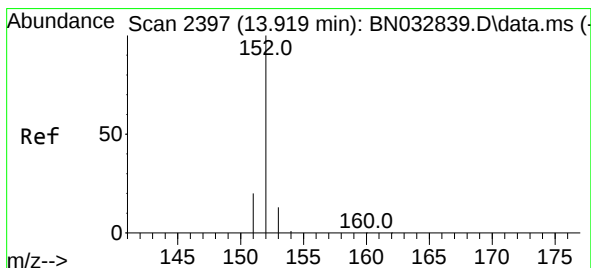
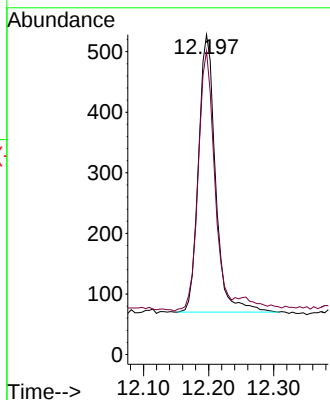
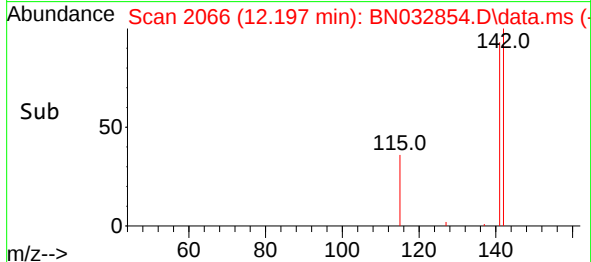
Instrument :
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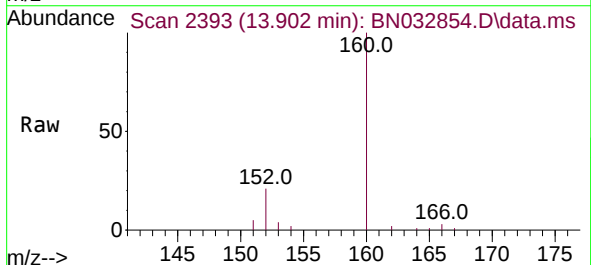
Tgt Ion:142 Resp: 831
Ion Ratio Lower Upper
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141 97.0 75.0 112.4

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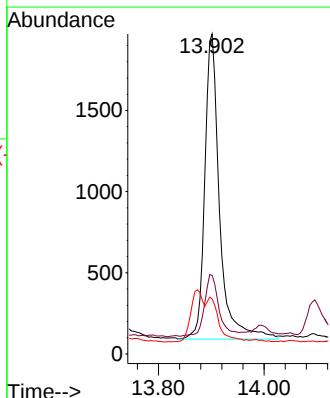
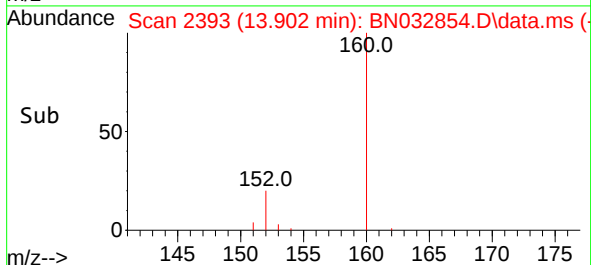
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024

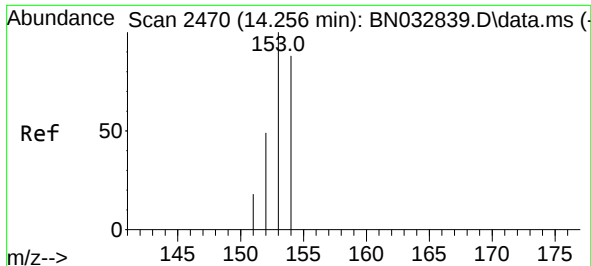


#10
Acenaphthylene
Concen: 0.139 ng/ul
RT: 13.902 min Scan# 2393
Delta R.T. -0.018 min
Lab File: BN032854.D
Acq: 19 Jul 2024 23:02



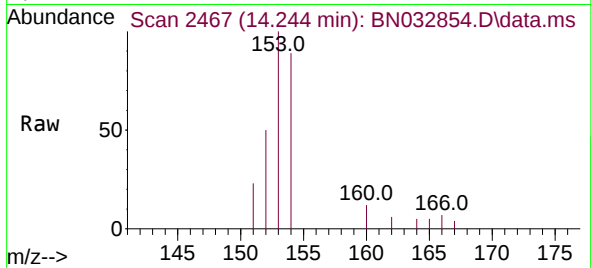
Tgt Ion:152 Resp: 3649
Ion Ratio Lower Upper
152 100
151 24.6 16.3 24.5#
153 17.2 11.3 16.9#





#11
Acenaphthene
Concen: 0.142 ng/ul
RT: 14.244 min Scan# 2467
Delta R.T. -0.014 min
Lab File: BN032854.D
Acq: 19 Jul 2024 23:02

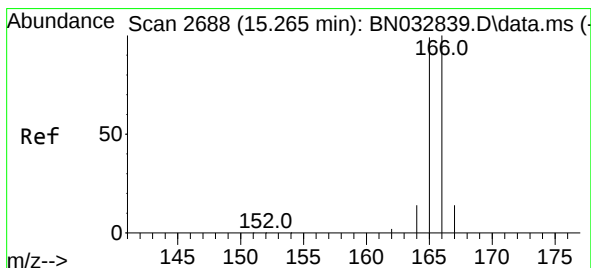
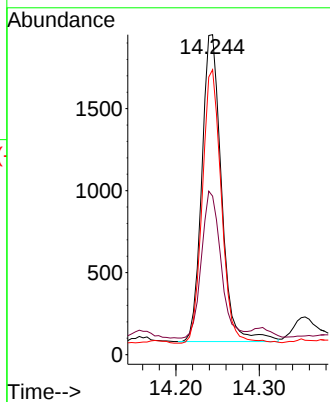
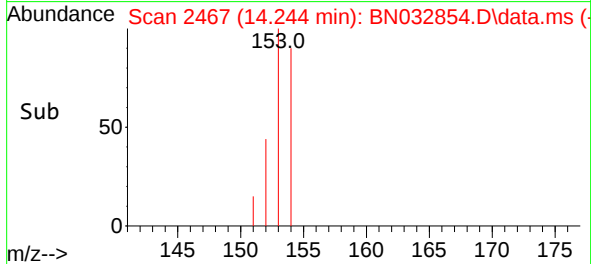
Instrument :
BNA_N
ClientSampleId :
A4BT8



Tgt Ion:153 Resp: 3072
Ion Ratio Lower Upper
153 100
152 49.6 40.0 60.0
154 89.0 70.2 105.4

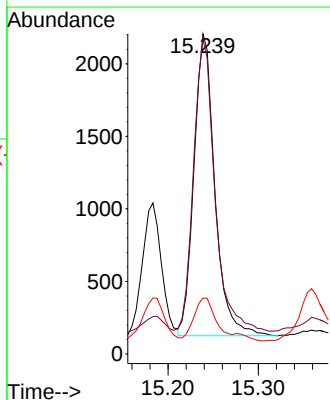
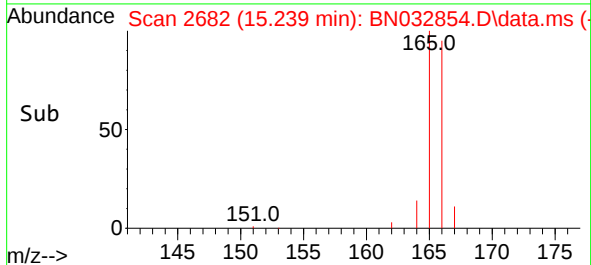
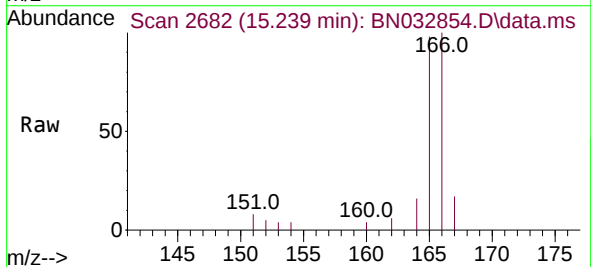
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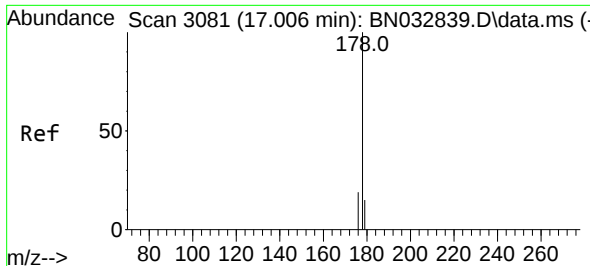
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#12
Fluorene
Concen: 0.135 ng/ul
RT: 15.239 min Scan# 2682
Delta R.T. -0.028 min
Lab File: BN032854.D
Acq: 19 Jul 2024 23:02

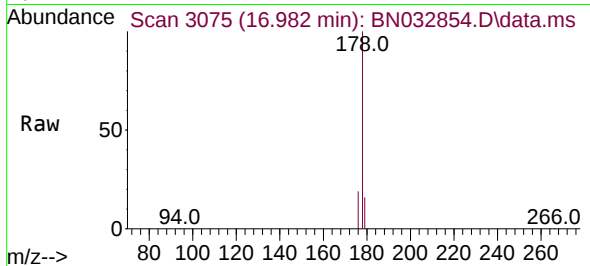
Tgt Ion:166 Resp: 3355
Ion Ratio Lower Upper
166 100
165 98.2 79.7 119.5
167 17.5 11.4 17.2#





#15
Phenanthrene
Concen: 2.008 ng/ul m
RT: 16.982 min Scan# 3075
Delta R.T. -0.025 min
Lab File: BN032854.D
Acq: 19 Jul 2024 23:02

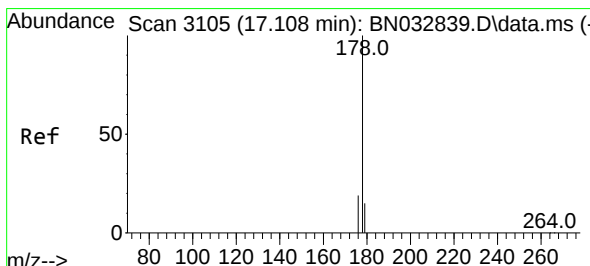
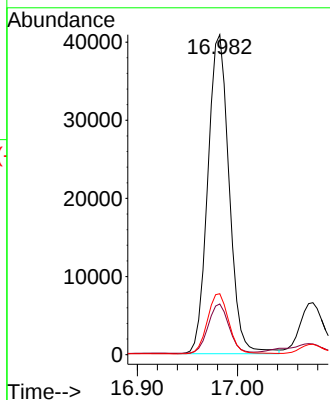
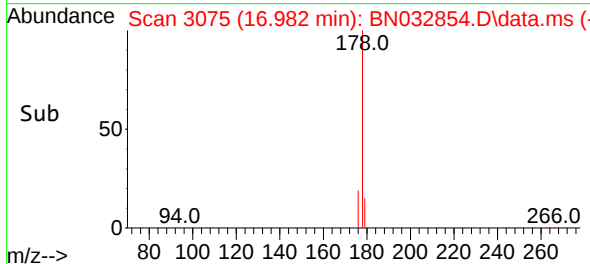
Instrument :
BNA_N
ClientSampleId :
A4BT8



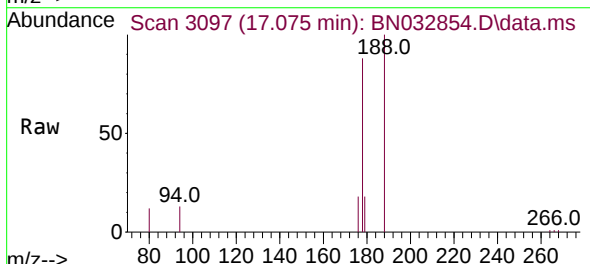
Tgt Ion:178 Resp: 60375
Ion Ratio Lower Upper
178 100
179 15.8 13.0 19.4
176 19.1 15.6 23.4

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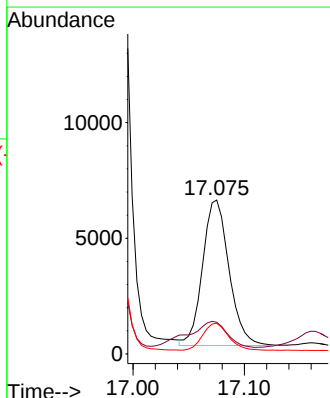
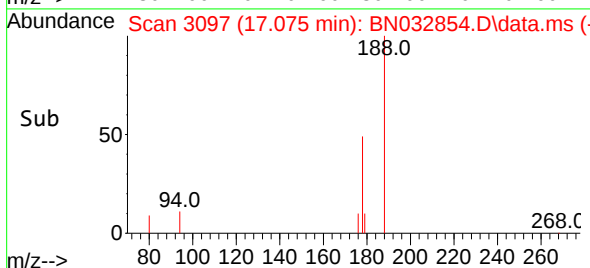
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024

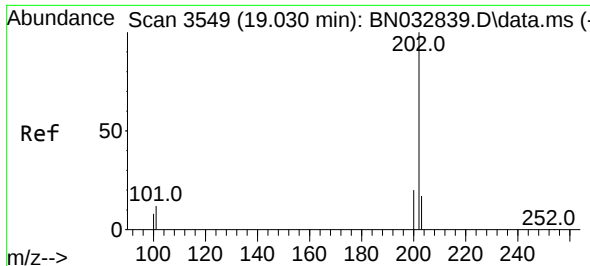


#16
Anthracene
Concen: 0.423 ng/ul m
RT: 17.075 min Scan# 3097
Delta R.T. -0.030 min
Lab File: BN032854.D
Acq: 19 Jul 2024 23:02



Tgt Ion:178 Resp: 10399
Ion Ratio Lower Upper
178 100
179 20.6 13.4 20.2#
176 19.9 15.4 23.0





#19

Fluoranthene

Concen: 3.762 ng/u1

RT: 19.013 min Scan# 3549

Delta R.T. -0.019 min

Lab File: BN032854.D

Acq: 19 Jul 2024 23:02

Instrument :

BNA_N

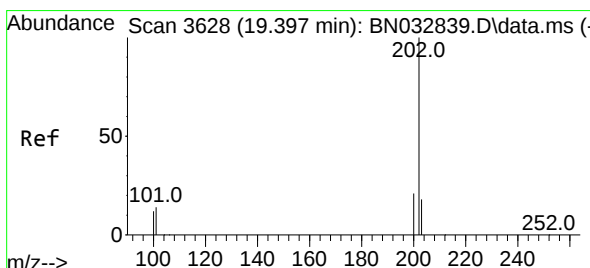
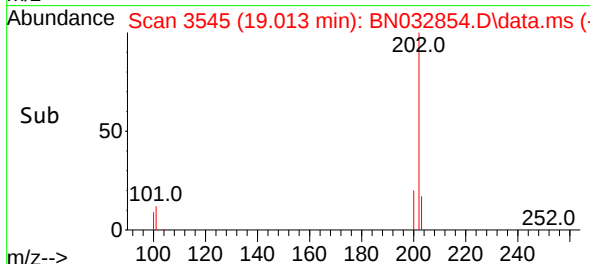
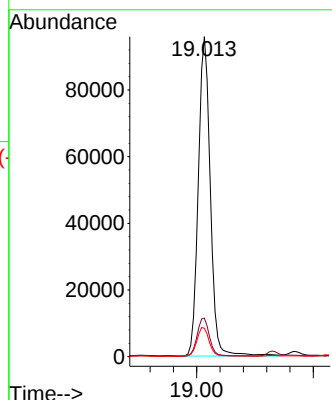
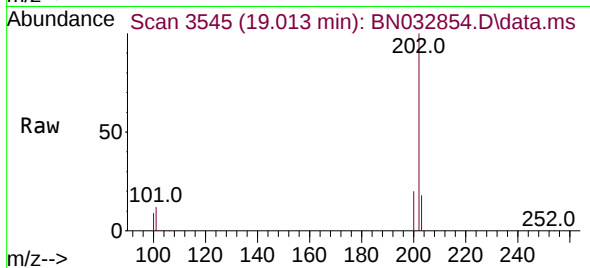
ClientSampleId :

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Tgt Ion:202 Resp: 137770
 Ion Ratio Lower Upper
 202 100
 101 12.0 9.8 14.8
 100 8.9 7.9 11.9

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#20

Pyrene

Concen: 2.184 ng/u1

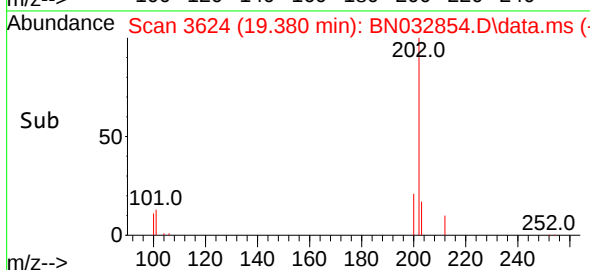
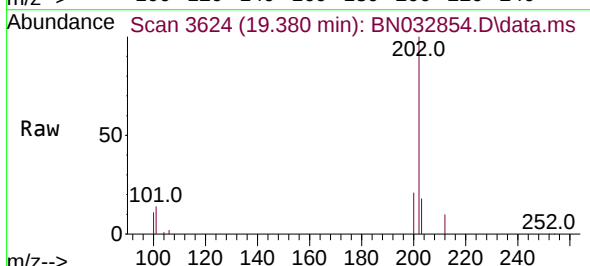
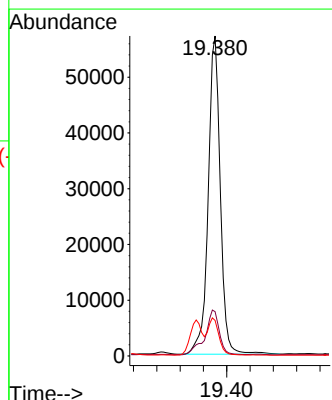
RT: 19.380 min Scan# 3624

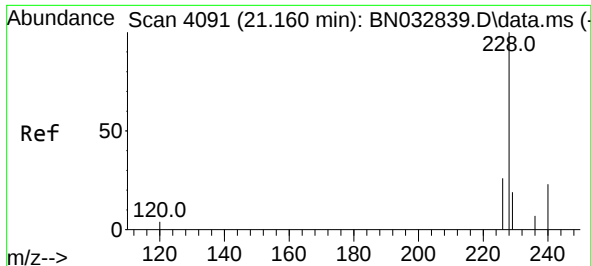
Delta R.T. -0.019 min

Lab File: BN032854.D

Acq: 19 Jul 2024 23:02

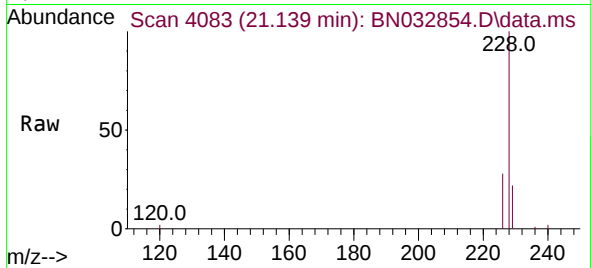
Tgt Ion:202 Resp: 82807
 Ion Ratio Lower Upper
 202 100
 101 13.8 11.8 17.6
 100 11.1 9.6 14.4





#21
Benzo(a)anthracene
Concen: 2.281 ng/u1
RT: 21.139 min Scan# 4091
Delta R.T. -0.020 min
Lab File: BN032854.D
Acq: 19 Jul 2024 23:02

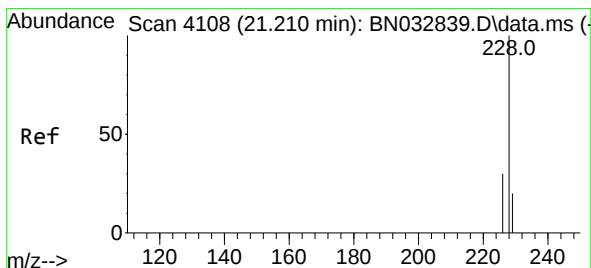
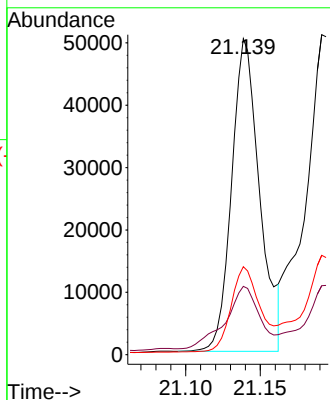
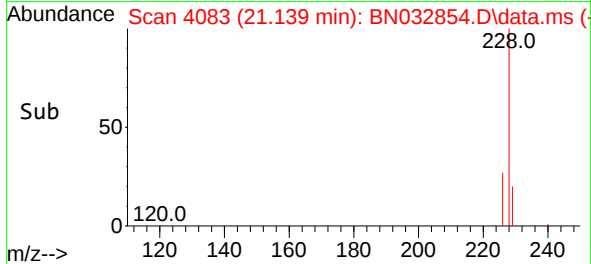
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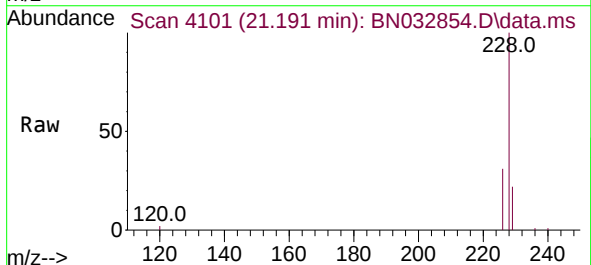
Tgt Ion:228 Resp: 65397
Ion Ratio Lower Upper
228 100
229 21.6 16.1 24.1
226 27.8 21.9 32.9

Manual Integrations
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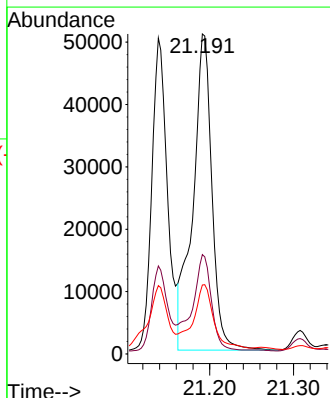
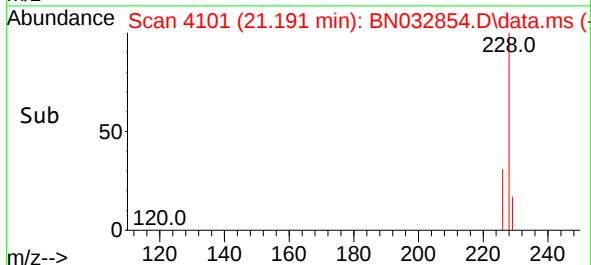
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024

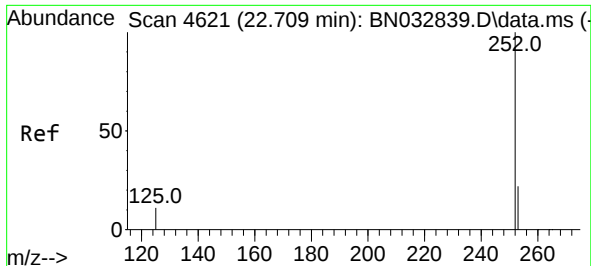


#22
Chrysene
Concen: 1.936 ng/u1
RT: 21.191 min Scan# 4101
Delta R.T. -0.020 min
Lab File: BN032854.D
Acq: 19 Jul 2024 23:02



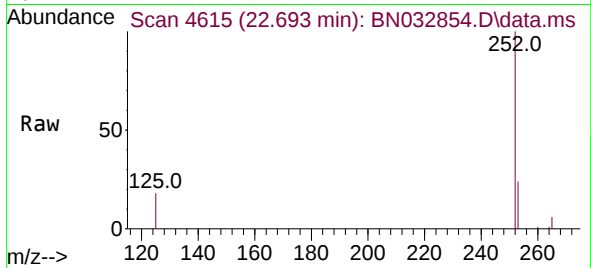
Tgt Ion:228 Resp: 80293
Ion Ratio Lower Upper
228 100
226 31.0 24.0 36.0
229 21.6 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 3.314 ng/ul m
RT: 22.693 min Scan# 4615
Delta R.T. -0.018 min
Lab File: BN032854.D
Acq: 19 Jul 2024 23:02

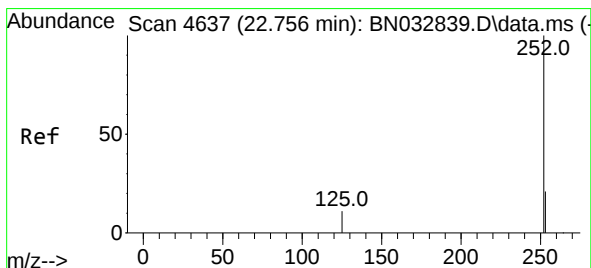
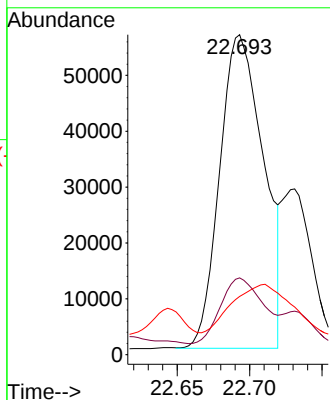
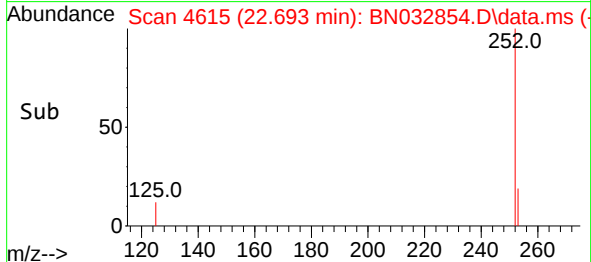
Instrument :
BNA_N
ClientSampleId :
A4BT8



Tgt Ion:252 Resp: 11818
Ion Ratio Lower Upper
252 100
253 24.0 0.0 54.0
125 18.2 0.0 36.0

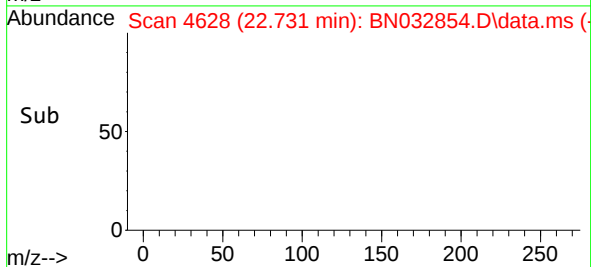
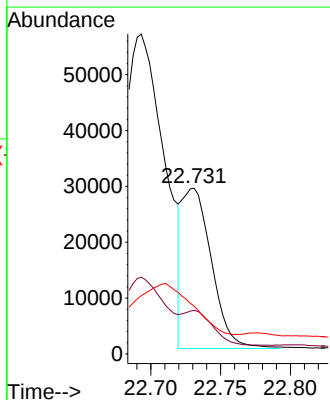
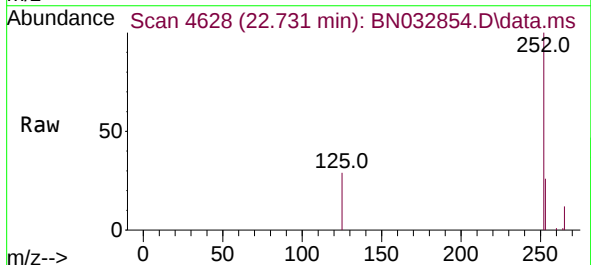
Manual Integrations
APPROVED

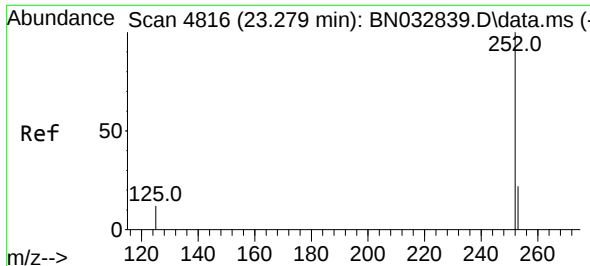
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#25
Benzo(k)fluoranthene
Concen: 0.977 ng/ul m
RT: 22.731 min Scan# 4628
Delta R.T. -0.023 min
Lab File: BN032854.D
Acq: 19 Jul 2024 23:02

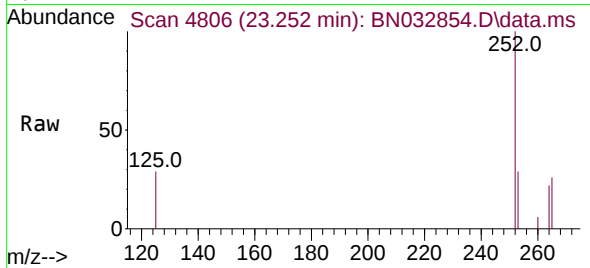
Tgt Ion:252 Resp: 42478
Ion Ratio Lower Upper
252 100
253 26.2 21.2 31.8
125 28.8 14.8 22.2#





#26
Benzo(a)pyrene
Concen: 1.008 ng/ul
RT: 23.252 min Scan# 4816
Delta R.T. -0.026 min
Lab File: BN032854.D
Acq: 19 Jul 2024 23:02

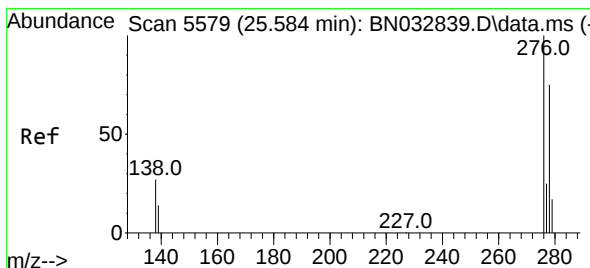
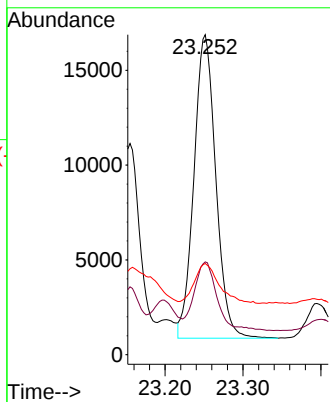
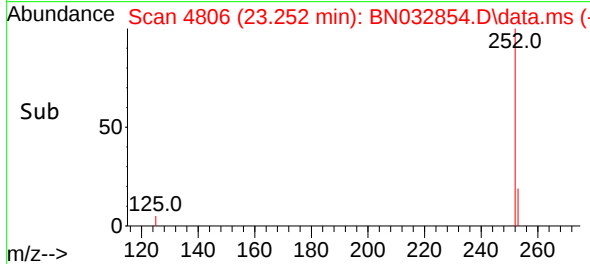
Instrument :
BNA_N
ClientSampleId :
A4BT8



Tgt Ion:252 Resp: 3112
Ion Ratio Lower Upper
252 100
253 29.0 25.4 38.0
125 28.5 20.6 30.8

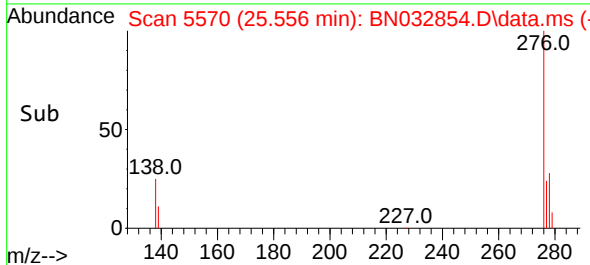
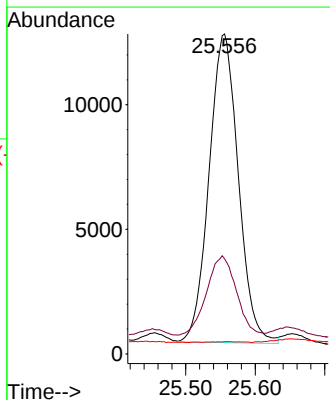
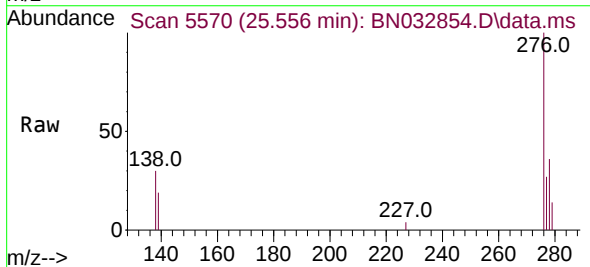
Manual Integrations
APPROVED

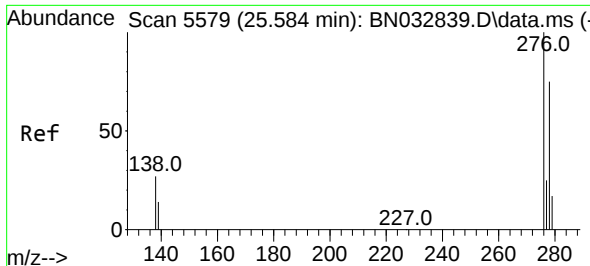
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.866 ng/ul
RT: 25.556 min Scan# 5570
Delta R.T. -0.027 min
Lab File: BN032854.D
Acq: 19 Jul 2024 23:02

Tgt Ion:276 Resp: 36173
Ion Ratio Lower Upper
276 100
138 27.0 21.6 32.4
227 0.3 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.452 ng/ul

RT: 25.546 min Scan# 51

Delta R.T. -0.044 min

Lab File: BN032854.D

Acq: 19 Jul 2024 23:02

Instrument :

BNA_N

ClientSampleId :

A4BT8

Tgt Ion:278 Resp: 1465

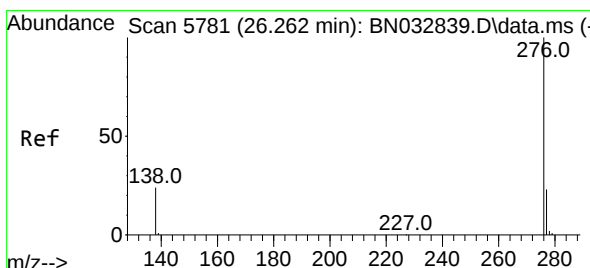
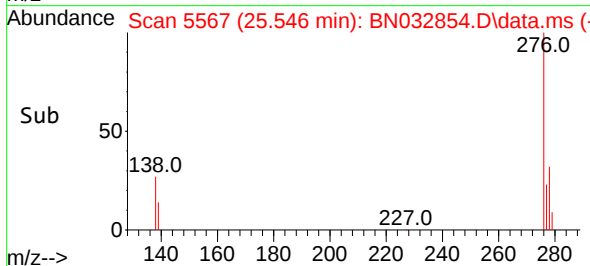
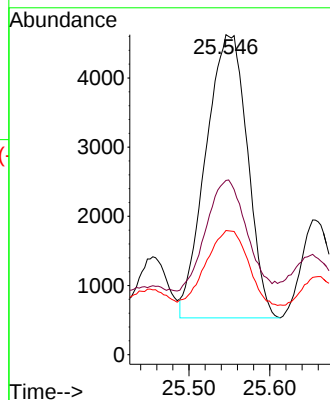
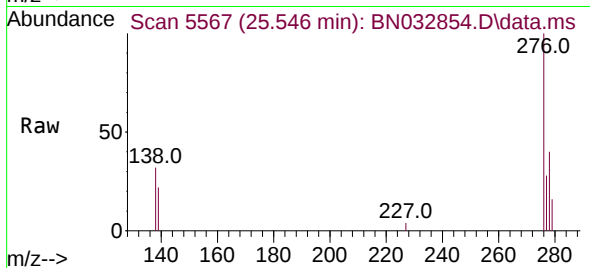
Ion	Ratio	Lower	Upper
278	100		
139	54.4	16.6	24.8
279	38.8	23.7	35.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/20/2024

Supervised By :mohammad ahmed 07/22/2024



#29

Benzo(g,h,i)perylene

Concen: 0.160 ng/ul

RT: 26.237 min Scan# 5773

Delta R.T. -0.023 min

Lab File: BN032854.D

Acq: 19 Jul 2024 23:02

Tgt Ion:276 Resp: 5591

Ion	Ratio	Lower	Upper
276	100		
138	66.5	21.0	31.4
277	43.5	20.6	31.0

