

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
 Data File : BN032859.D
 Acq On : 20 Jul 2024 02:38
 Operator : MA/JU
 Sample : P3178-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BX9

Manual Integrations
 APPROVED

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

Quant Time: Jul 20 03:04:20 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	7.527	152	4304	0.400	ng/ul	0.00
4) Naphthalene-d8	10.294	136	13578	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.179	164	8105	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.940	188	13311m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.153	240	9830m	0.400	ng/ul	-0.01
23) Perylene-d12	23.345	264	12109m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.084	96	15260	2.953	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.900	152	4991	0.243	ng/ul	-0.03
18) Fluoranthene-d10	18.980	212	8102m	0.253	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.343	128	37313	1.023	ng/ul	97
7) 2-Methylnaphthalene	11.971	142	15420	0.678	ng/ul	97
8) 1-Methylnaphthalene	12.197	142	12567	0.534	ng/ul	99
10) Acenaphthylene	13.897	152	30237	0.923	ng/ul	99
11) Acenaphthene	14.239	153	44995	1.662	ng/ul	98
12) Fluorene	15.238	166	47471	1.534	ng/ul	99
15) Phenanthrene	16.978	178	614932m	16.963	ng/ul	
16) Anthracene	17.075	178	127046m	4.290	ng/ul	
19) Fluoranthene	19.013	202	826430m	20.678	ng/ul	
20) Pyrene	19.380	202	462491m	11.180	ng/ul	
21) Benzo(a)anthracene	21.135	228	366204m	11.703	ng/ul	
22) Chrysene	21.191	228	391084m	8.640	ng/ul	
24) Benzo(b)fluoranthene	22.690	252	505024m	11.820	ng/ul	
25) Benzo(k)fluoranthene	22.728	252	194346m	3.733	ng/ul	
26) Benzo(a)pyrene	23.248	252	131493m	3.556	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.549	276	135830m	2.713	ng/ul	
28) Dibenzo(a,h)anthracene	25.542	278	64785m	1.669	ng/ul	
29) Benzo(g,h,i)perylene	26.233	276	18359m	0.439	ng/ul	

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

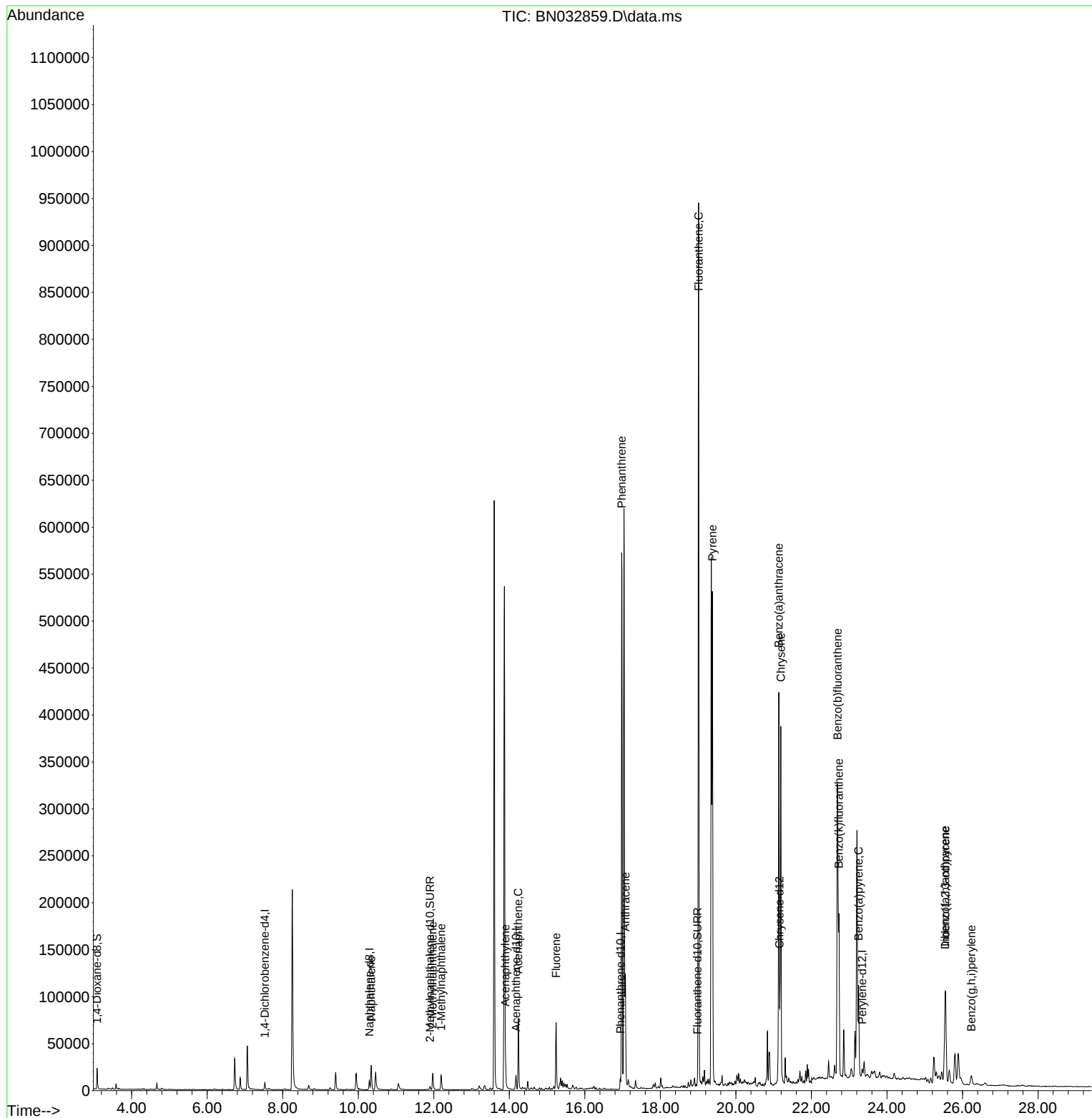
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032859.D
Acq On : 20 Jul 2024 02:38
Operator : MA/JU
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ALS Vial : 23 Sample Multiplier: 1

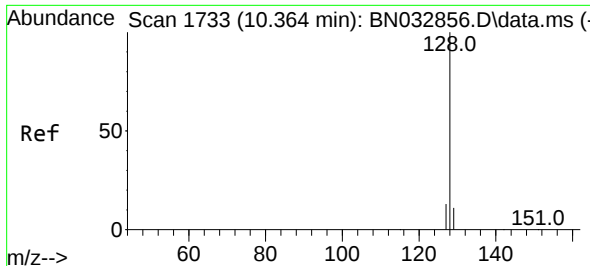
Instrument :
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ClientSampleId :
A4BX9

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Supervised By :mohammad ahmed 07/22/2024

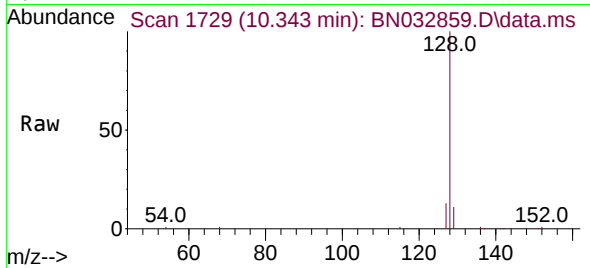
Quant Time: Jul 20 03:04:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 1.023 ng/ul
RT: 10.343 min Scan# 1729
Delta R.T. -0.021 min
Lab File: BN032859.D
Acq: 20 Jul 2024 02:38

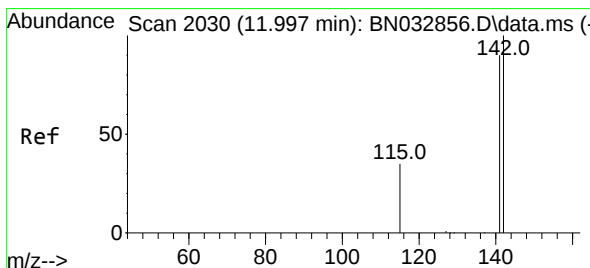
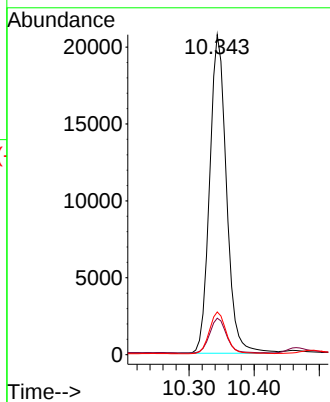
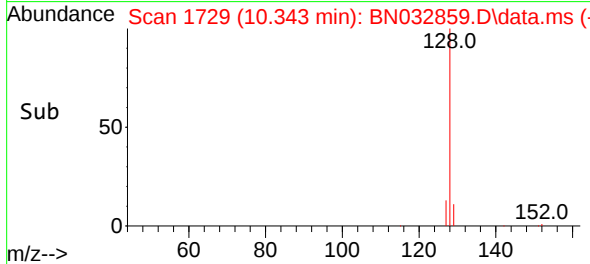
Instrument :
BNA_N
ClientSampleId :
A4BX9



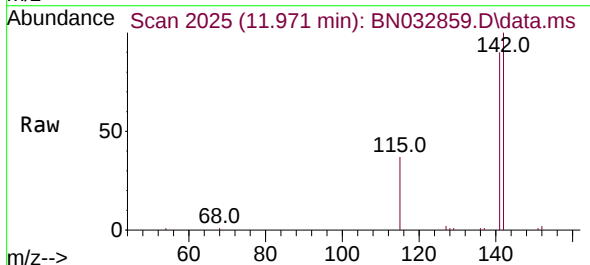
Tgt Ion:128 Resp: 3731
Ion Ratio Lower Upper
128 100
129 11.4 10.0 15.0
127 13.4 11.6 17.4

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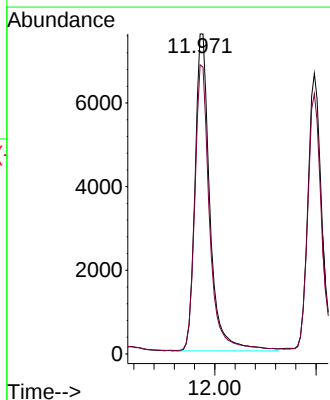
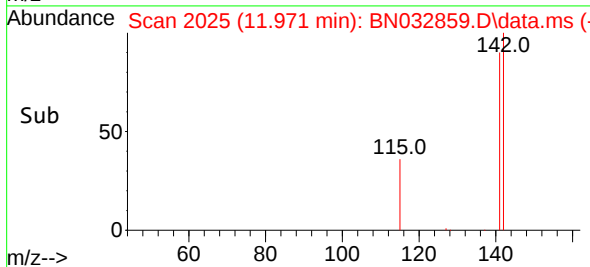
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024

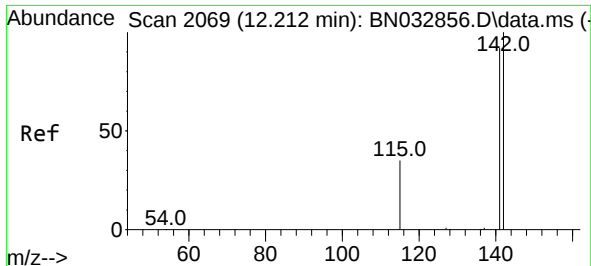


#7
2-Methylnaphthalene
Concen: 0.678 ng/ul
RT: 11.971 min Scan# 2025
Delta R.T. -0.026 min
Lab File: BN032859.D
Acq: 20 Jul 2024 02:38



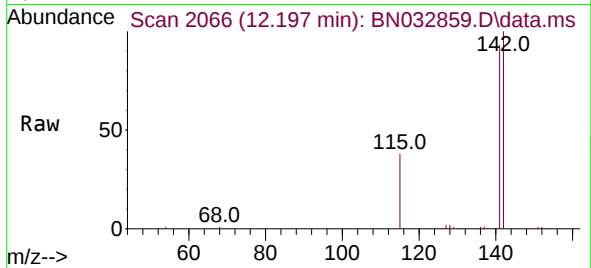
Tgt Ion:142 Resp: 15420
Ion Ratio Lower Upper
142 100
141 89.6 74.0 111.0





#8
1-Methylnaphthalene
Concen: 0.534 ng/ul
RT: 12.197 min Scan# 2066
Delta R.T. -0.015 min
Lab File: BN032859.D
Acq: 20 Jul 2024 02:38

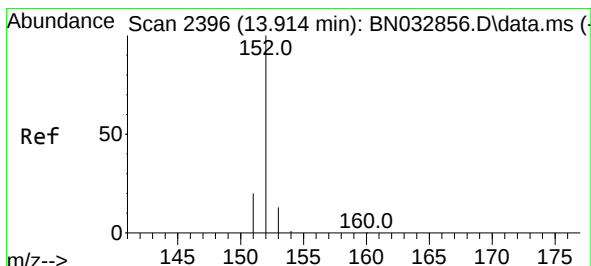
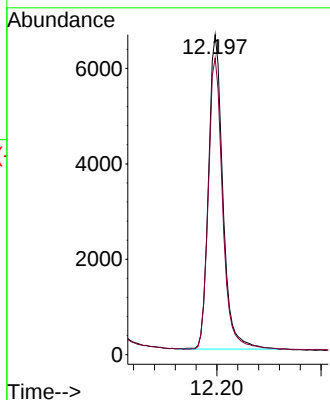
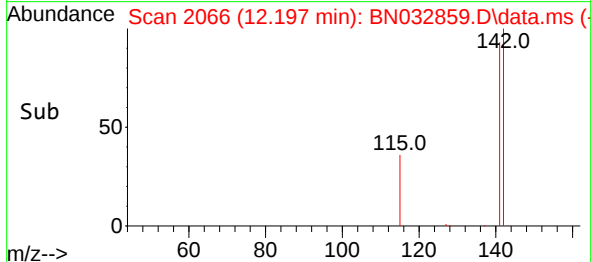
Instrument :
BNA_N
ClientSampleId :
A4BX9



Tgt Ion:142 Resp: 1256
Ion Ratio Lower Upper
142 100
141 92.4 75.0 112.4

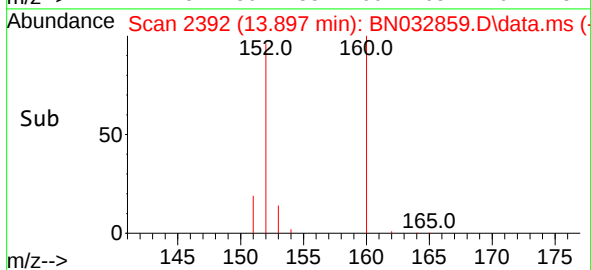
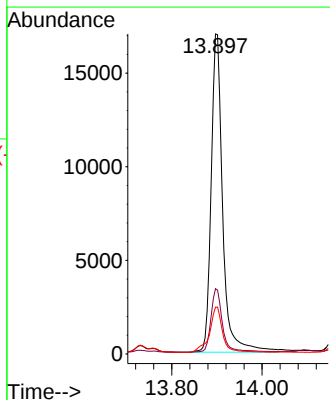
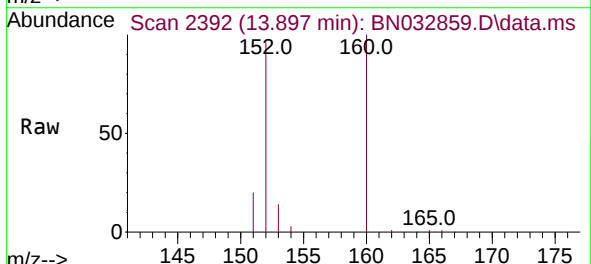
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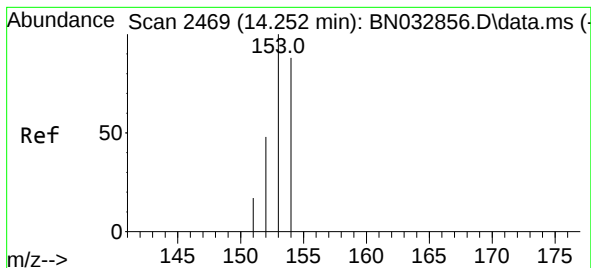
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#10
Acenaphthylene
Concen: 0.923 ng/ul
RT: 13.897 min Scan# 2392
Delta R.T. -0.017 min
Lab File: BN032859.D
Acq: 20 Jul 2024 02:38

Tgt Ion:152 Resp: 30237
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5
153 14.6 11.3 16.9





#11

Acenaphthene

Concen: 1.662 ng/ul

RT: 14.239 min Scan# 2466

Delta R.T. -0.012 min

Lab File: BN032859.D

Acq: 20 Jul 2024 02:38

Instrument :

BNA_N

ClientSampleId :

A4BX9

Tgt Ion:153 Resp: 44995

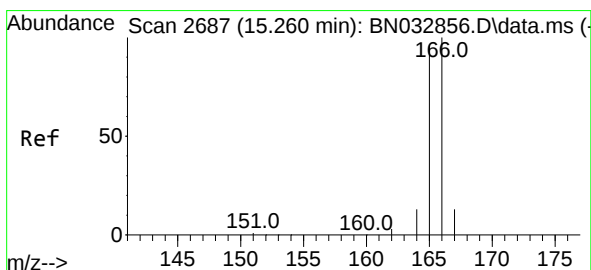
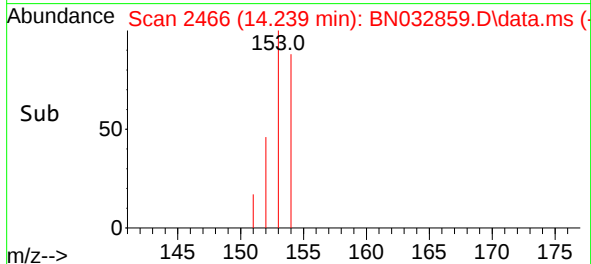
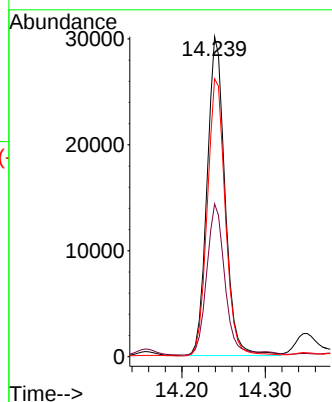
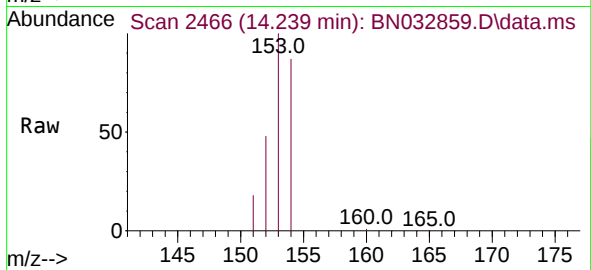
Ion	Ratio	Lower	Upper
153	100		
152	47.7	40.0	60.0
154	86.8	70.2	105.4

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Reviewed By :Yogesh Patel 07/20/2024

Supervised By :mohammad ahmed 07/22/2024



#12

Fluorene

Concen: 1.534 ng/ul

RT: 15.238 min Scan# 2682

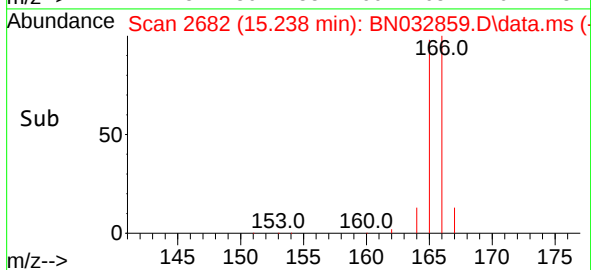
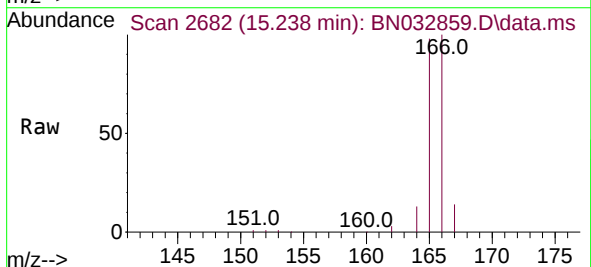
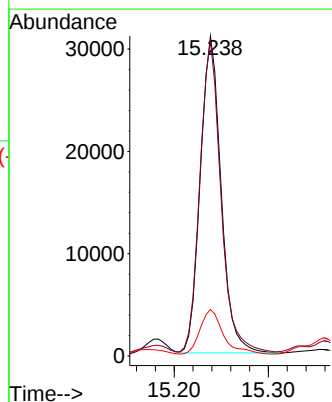
Delta R.T. -0.022 min

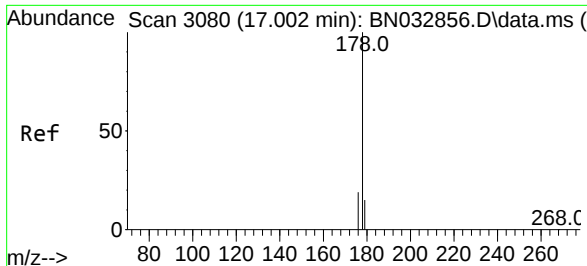
Lab File: BN032859.D

Acq: 20 Jul 2024 02:38

Tgt Ion:166 Resp: 47471

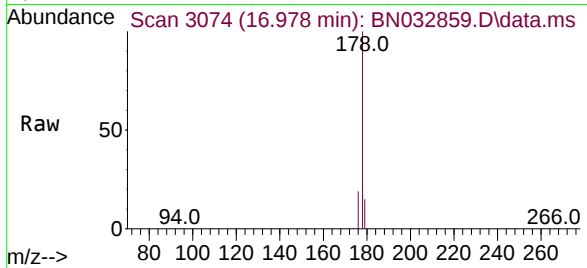
Ion	Ratio	Lower	Upper
166	100		
165	98.4	79.7	119.5
167	14.5	11.4	17.2





#15
Phenanthrene
Concen: 16.963 ng/ul m
RT: 16.978 min Scan# 3074
Delta R.T. -0.024 min
Lab File: BN032859.D
Acq: 20 Jul 2024 02:38

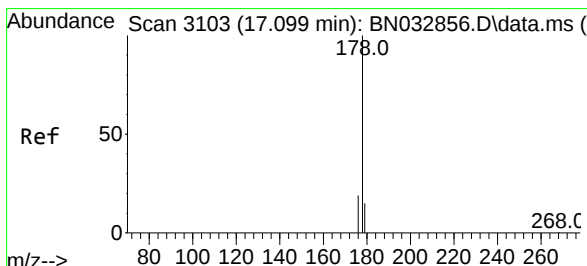
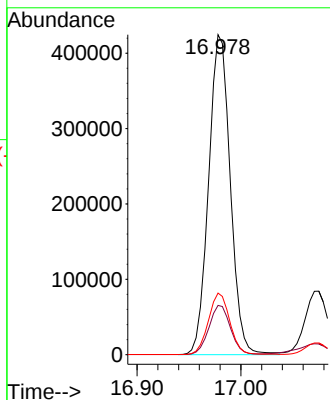
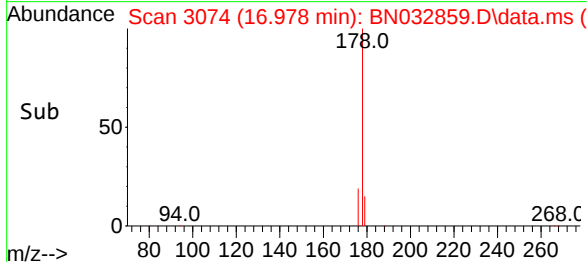
Instrument :
BNA_N
ClientSampleId :
A4BX9



Tgt Ion:178 Resp: 614932
Ion Ratio Lower Upper
178 100
179 15.4 13.0 19.4
176 19.3 15.6 23.4

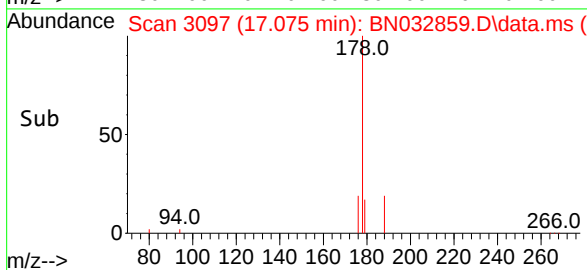
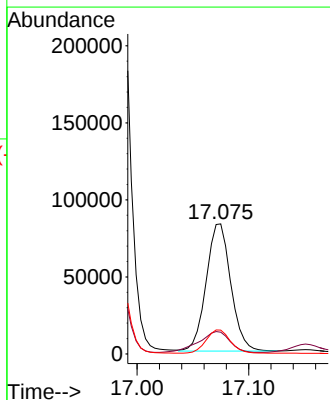
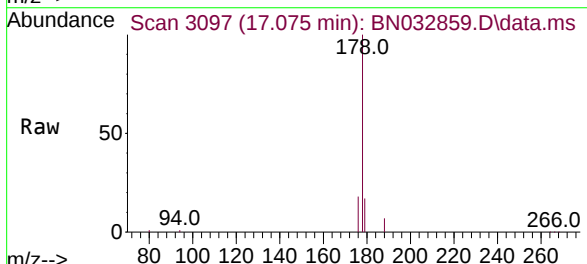
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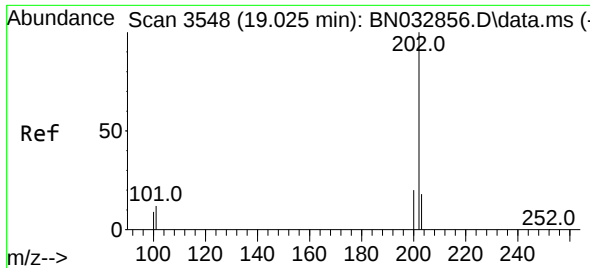
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#16
Anthracene
Concen: 4.290 ng/ul m
RT: 17.075 min Scan# 3097
Delta R.T. -0.024 min
Lab File: BN032859.D
Acq: 20 Jul 2024 02:38

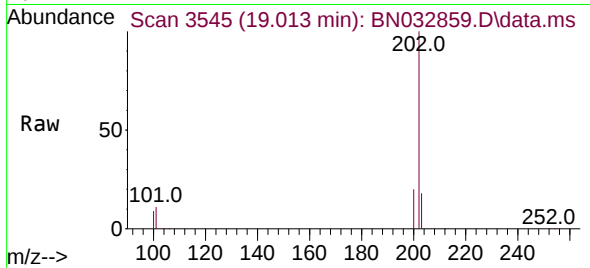
Tgt Ion:178 Resp: 127046
Ion Ratio Lower Upper
178 100
179 16.8 13.4 20.2
176 18.4 15.4 23.0





#19
Fluoranthene
Concen: 20.678 ng/ul m
RT: 19.013 min Scan# 3545
Delta R.T. -0.012 min
Lab File: BN032859.D
Acq: 20 Jul 2024 02:38

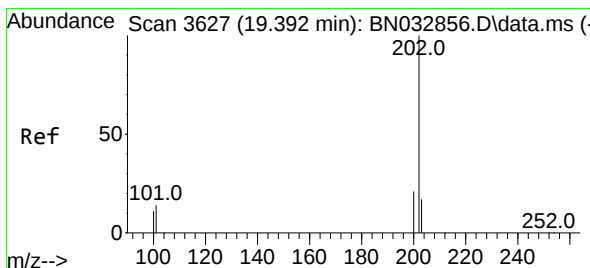
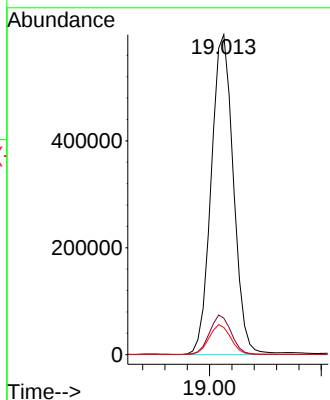
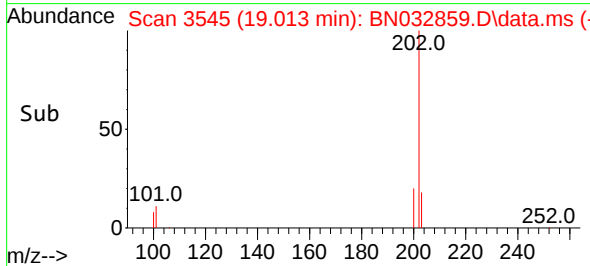
Instrument :
BNA_N
ClientSampleId :
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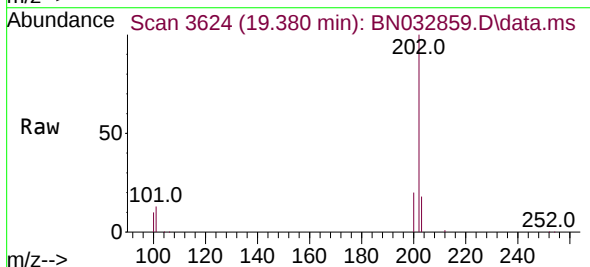
Tgt Ion:202 Resp: 826430
Ion Ratio Lower Upper
202 100
101 11.4 9.8 14.8
100 8.5 7.9 11.9

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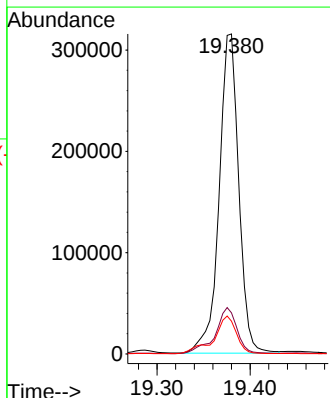
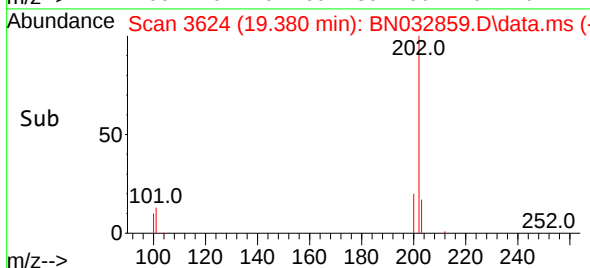
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024

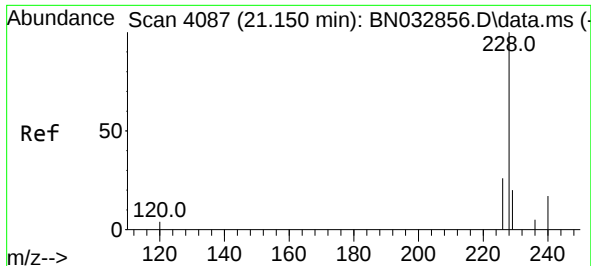


#20
Pyrene
Concen: 11.180 ng/ul m
RT: 19.380 min Scan# 3624
Delta R.T. -0.012 min
Lab File: BN032859.D
Acq: 20 Jul 2024 02:38



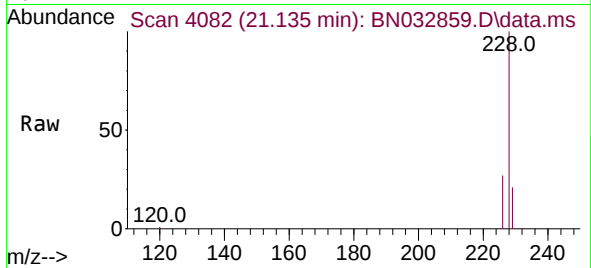
Tgt Ion:202 Resp: 462491
Ion Ratio Lower Upper
202 100
101 12.9 11.8 17.6
100 10.3 9.6 14.4





#21
Benzo(a)anthracene
Concen: 11.703 ng/ul m
RT: 21.135 min Scan# 4087
Delta R.T. -0.015 min
Lab File: BN032859.D
Acq: 20 Jul 2024 02:38

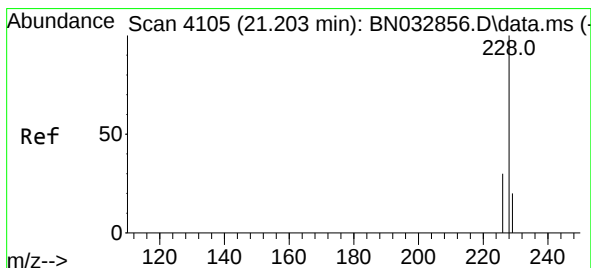
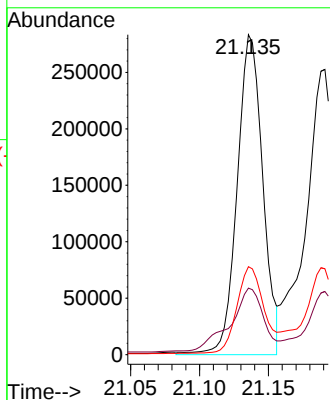
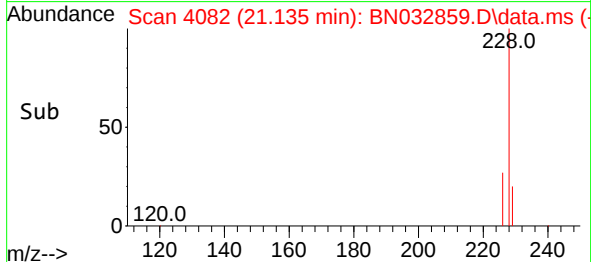
Instrument :
BNA_N
ClientSampleId :
A4BX9



Tgt Ion:228 Resp: 366204
Ion Ratio Lower Upper
228 100
229 20.8 16.1 24.1
226 27.5 21.9 32.9

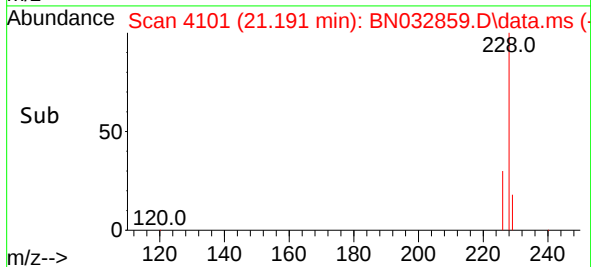
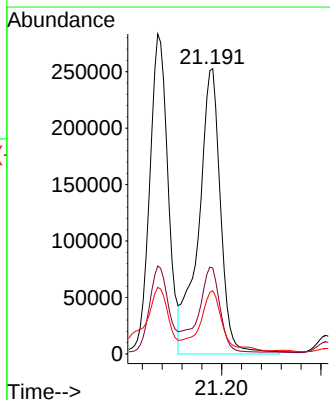
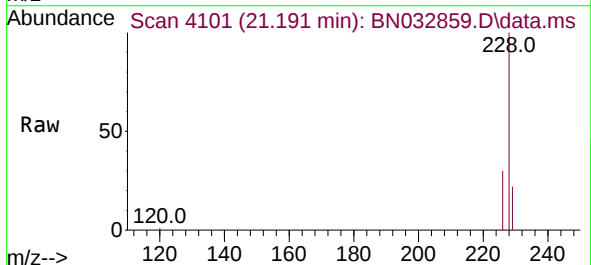
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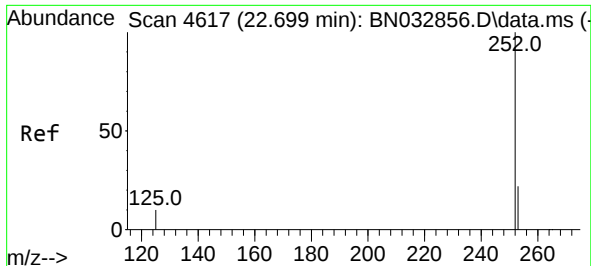
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#22
Chrysene
Concen: 8.640 ng/ul m
RT: 21.191 min Scan# 4101
Delta R.T. -0.012 min
Lab File: BN032859.D
Acq: 20 Jul 2024 02:38

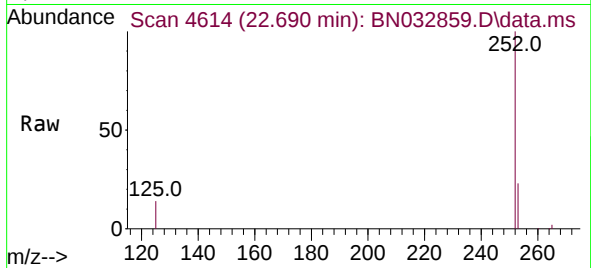
Tgt Ion:228 Resp: 391084
Ion Ratio Lower Upper
228 100
226 30.1 24.0 36.0
229 22.1 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 11.820 ng/ul m
RT: 22.690 min Scan# 4617
Delta R.T. -0.009 min
Lab File: BN032859.D
Acq: 20 Jul 2024 02:38

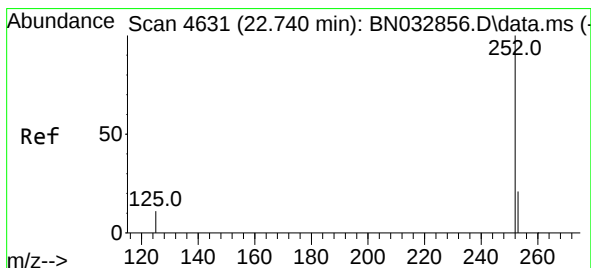
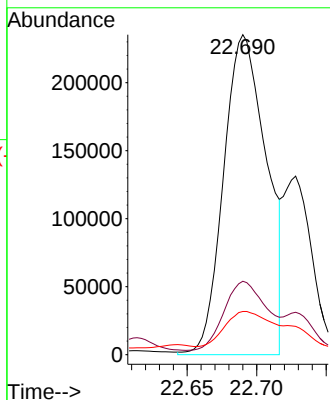
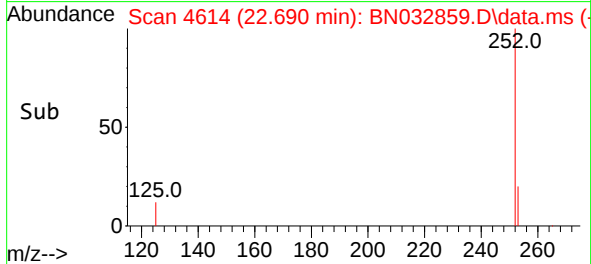
Instrument :
BNA_N
ClientSampleId :
A4BX9



Tgt Ion:252 Resp: 505024
Ion Ratio Lower Upper
252 100
253 23.0 0.0 54.0
125 13.5 0.0 36.0

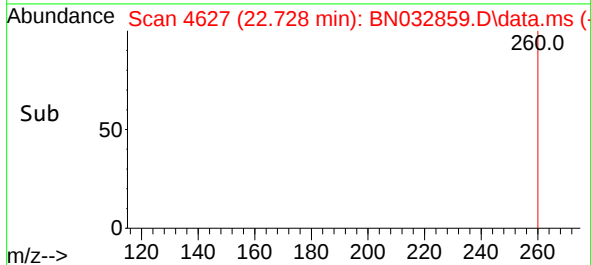
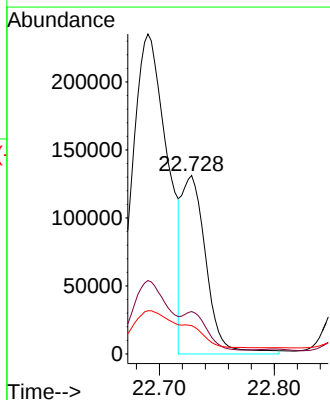
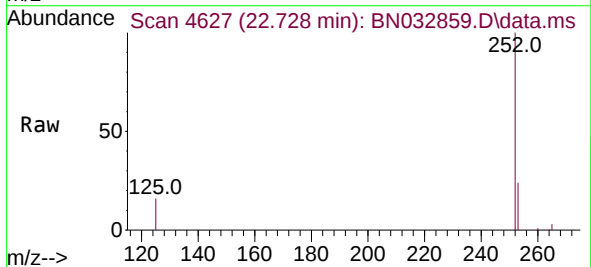
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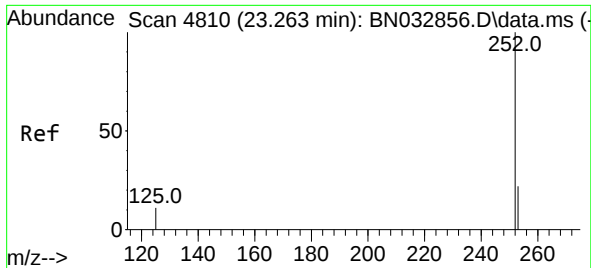
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#25
Benzo(k)fluoranthene
Concen: 3.733 ng/ul m
RT: 22.728 min Scan# 4627
Delta R.T. -0.012 min
Lab File: BN032859.D
Acq: 20 Jul 2024 02:38

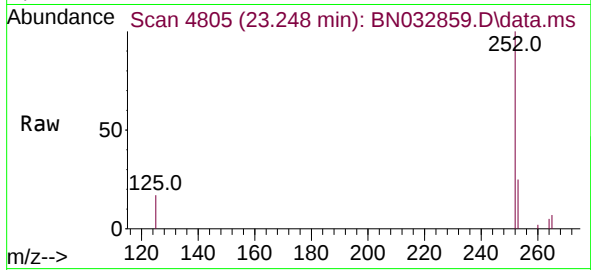
Tgt Ion:252 Resp: 194346
Ion Ratio Lower Upper
252 100
253 23.8 21.2 31.8
125 15.9 14.8 22.2





#26
Benzo(a)pyrene
Concen: 3.556 ng/ul m
RT: 23.248 min Scan# 4810
Delta R.T. -0.015 min
Lab File: BN032859.D
Acq: 20 Jul 2024 02:38

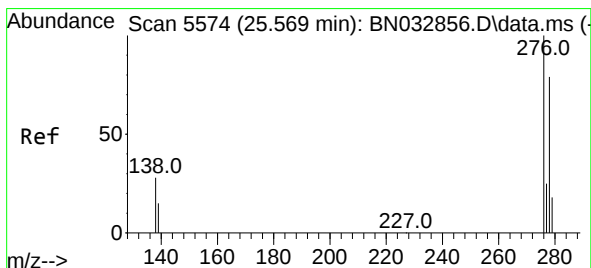
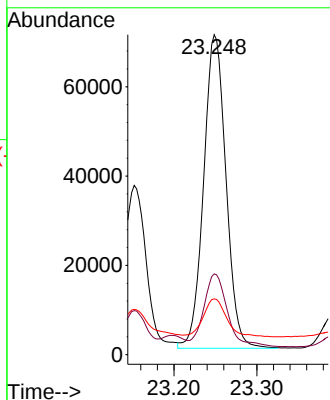
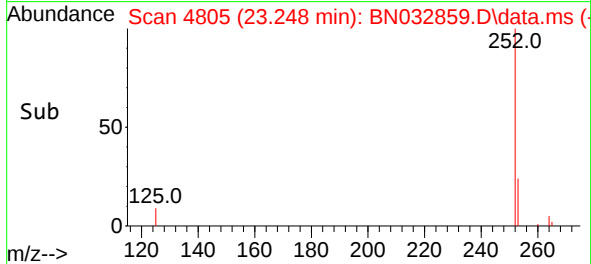
Instrument :
BNA_N
ClientSampleId :
A4BX9



Tgt Ion:252 Resp: 13149
Ion Ratio Lower Upper
252 100
253 25.2 25.4 38.0
125 17.5 20.6 30.8

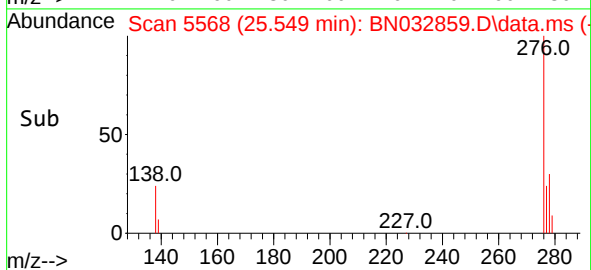
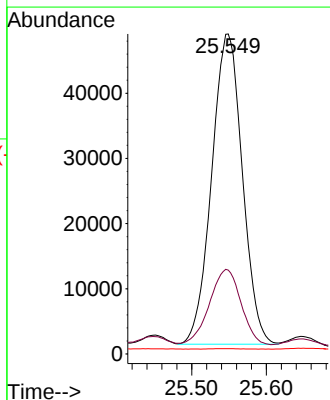
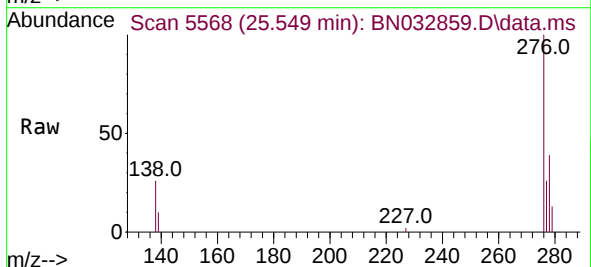
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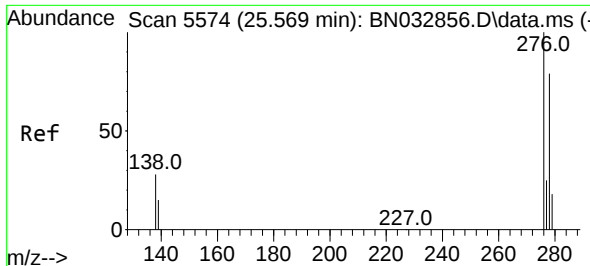
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.713 ng/ul m
RT: 25.549 min Scan# 5568
Delta R.T. -0.020 min
Lab File: BN032859.D
Acq: 20 Jul 2024 02:38

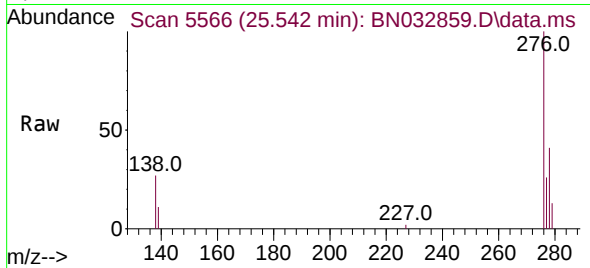
Tgt Ion:276 Resp: 135830
Ion Ratio Lower Upper
276 100
138 5.4 21.6 32.4#
227 0.0 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 1.669 ng/ul m
RT: 25.542 min Scan# 5566
Delta R.T. -0.027 min
Lab File: BN032859.D
Acq: 20 Jul 2024 02:38

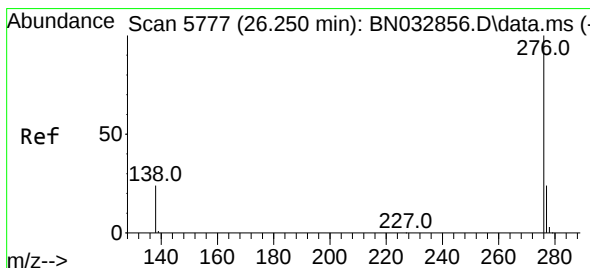
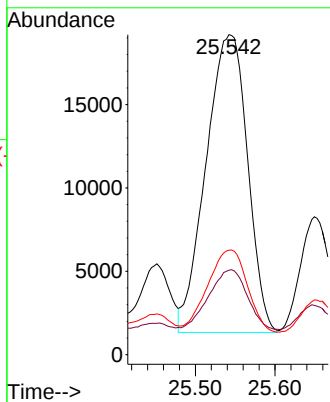
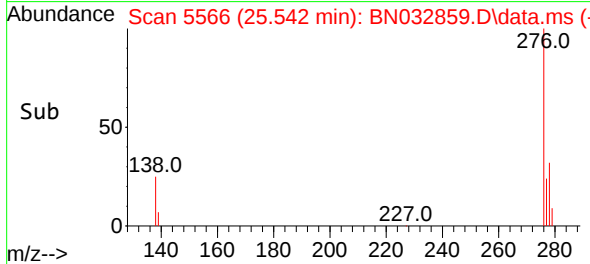
Instrument :
BNA_N
ClientSampleId :
A4BX9



Tgt Ion:278 Resp: 6478
Ion Ratio Lower Upper
278 100
139 26.4 16.6 24.8
279 32.6 23.7 35.5

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



#29
Benzo(g,h,i)perylene
Concen: 0.439 ng/ul m
RT: 26.233 min Scan# 5772
Delta R.T. -0.017 min
Lab File: BN032859.D
Acq: 20 Jul 2024 02:38

Tgt Ion:276 Resp: 18359
Ion Ratio Lower Upper
276 100
138 38.5 21.0 31.4#
277 36.2 20.6 31.0#

