

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032403.D
 Acq On : 02 Jul 2024 16:35
 Operator : MA/JU
 Sample : P2871-06
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4C54

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/03/2024
 Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 02 18:51:03 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:23:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.603	152	8004	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.382	136	25316	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.253	164	14514	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.008	188	26361m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.214	240	15904m	0.400	ng/ul	-0.01
23) Perylene-d12	23.430	264	19512m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.148	96	29471	3.313	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.977	152	9176	0.242	ng/ul	-0.02
18) Fluoranthene-d10	19.041	212	14456m	0.302	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.431	128	34219	0.511	ng/ul	100
7) 2-Methylnaphthalene	12.054	142	12028	0.271	ng/ul	99
8) 1-Methylnaphthalene	12.274	142	8967	0.195	ng/ul	99
10) Acenaphthylene	13.971	152	31286	0.518	ng/ul	98
11) Acenaphthene	14.313	153	33371	0.712	ng/ul	98
12) Fluorene	15.308	166	41147	0.737	ng/ul	99
14) Pentachlorophenol	16.674	266	220m	0.037	ng/ul	
15) Phenanthrene	17.050	178	697922m	9.657	ng/ul	
16) Anthracene	17.139	178	145605m	2.259	ng/ul	
19) Fluoranthene	19.073	202	1206567m	19.923	ng/ul	
20) Pyrene	19.440	202	858409m	13.563	ng/ul	
21) Benzo(a)anthracene	21.197	228	510574m	8.895	ng/ul	
22) Chrysene	21.250	228	567883m	9.014	ng/ul	
24) Benzo(b)fluoranthene	22.769	252	765403m	9.029	ng/ul	
25) Benzo(k)fluoranthene	22.804	252	301100m	3.656	ng/ul	
26) Benzo(a)pyrene	23.333	252	319867m	5.423	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.663	276	323582m	3.504	ng/ul	
28) Dibenzo(a,h)anthracene	25.666	278	101180m	1.475	ng/ul	
29) Benzo(g,h,i)perylene	26.351	276	47346m	0.644	ng/ul	

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

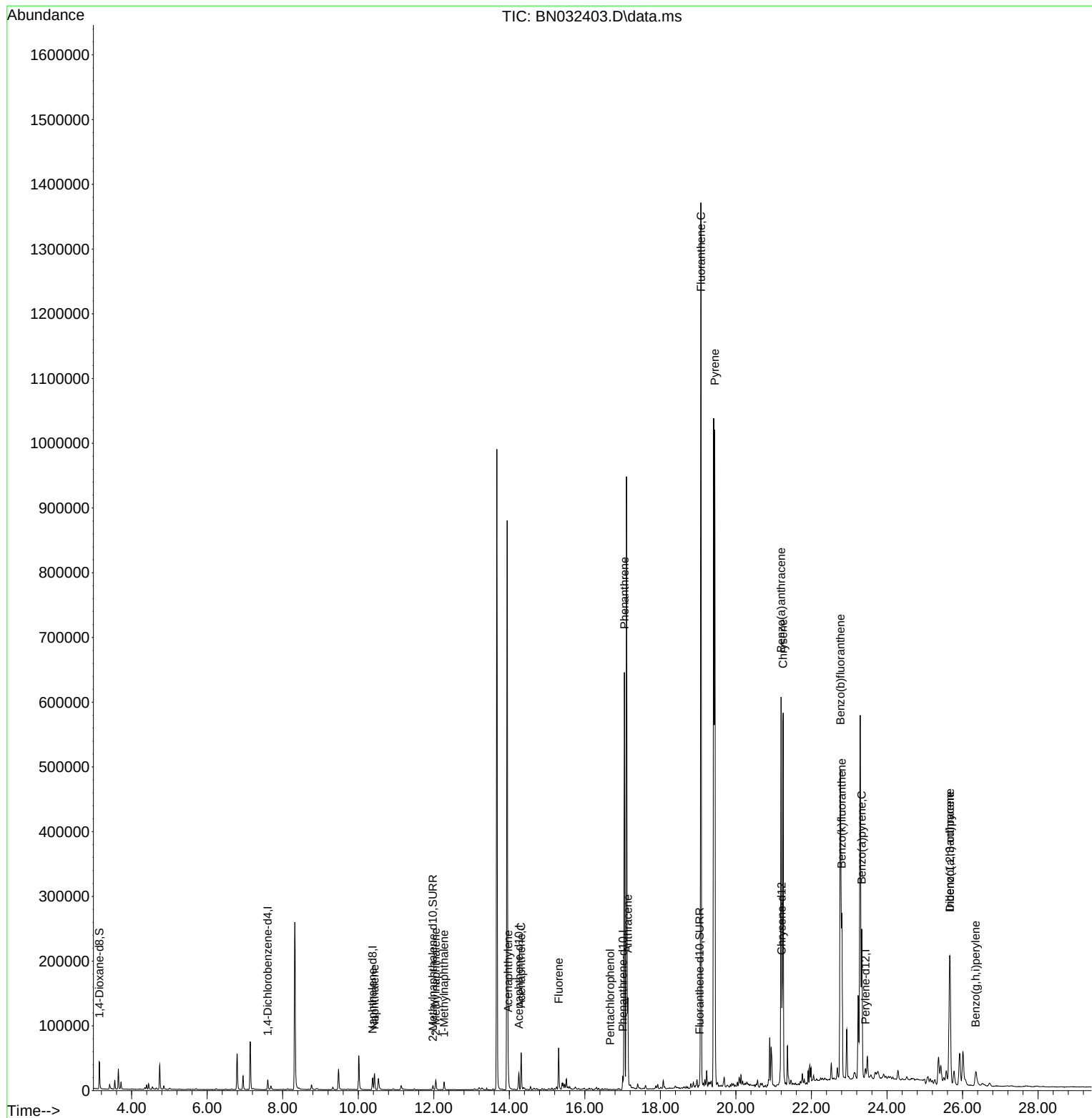
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032403.D
Acq On : 02 Jul 2024 16:35
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Sample : P2871-06
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ALS Vial : 50 Sample Multiplier: 1

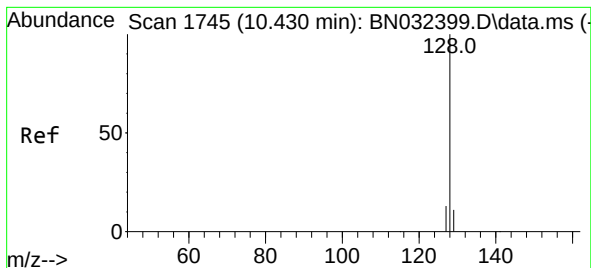
Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.511 ng/ul

RT: 10.431 min Scan# 1745

Delta R.T. -0.017 min

Lab File: BN032403.D

Acq: 02 Jul 2024 16:35

Instrument :

BNA_N

ClientSampleId :

A4C54

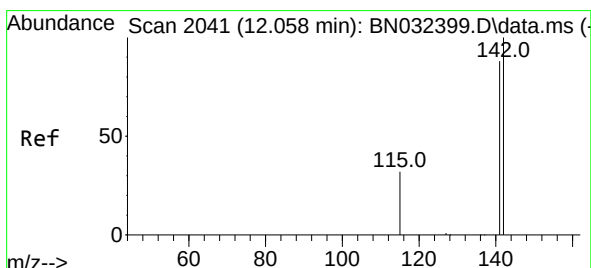
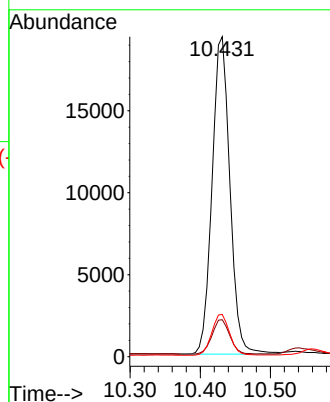
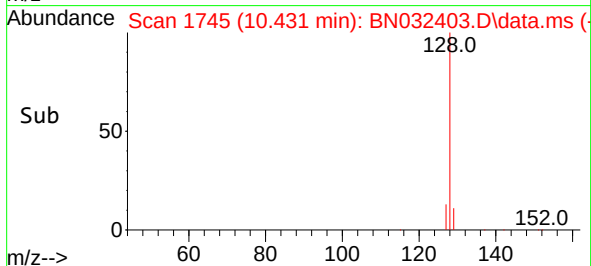
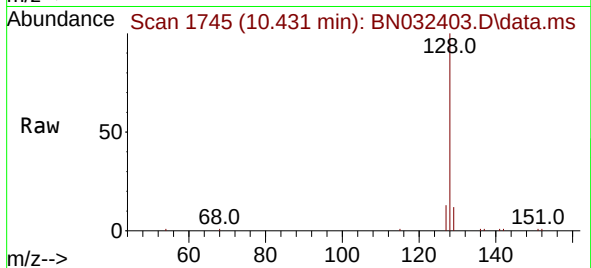
Tgt Ion:	128	Resp:	34219
Ion Ratio	Lower	Upper	
128	100		
129	11.5	9.2	13.8
127	13.2	10.8	16.2

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Supervised By :mohammad ahmed 07/04/2024



#7

2-Methylnaphthalene

Concen: 0.271 ng/ul

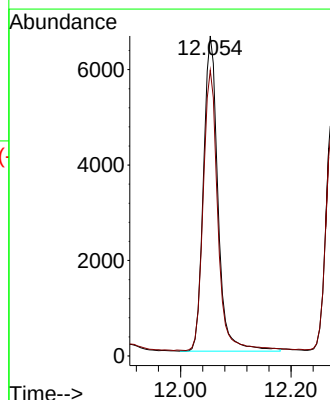
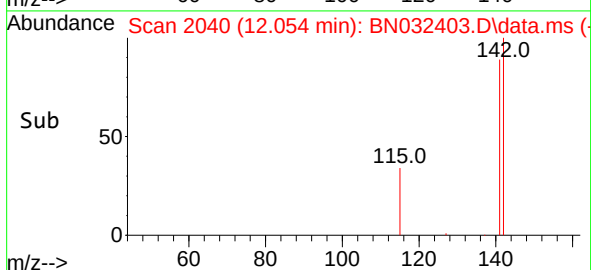
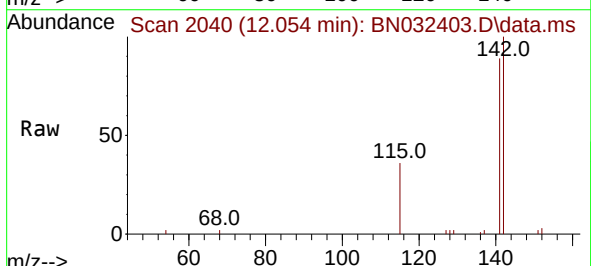
RT: 12.054 min Scan# 2040

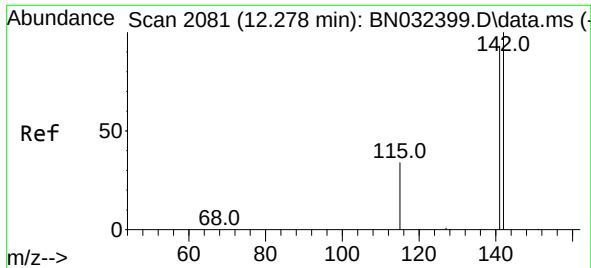
Delta R.T. -0.022 min

Lab File: BN032403.D

Acq: 02 Jul 2024 16:35

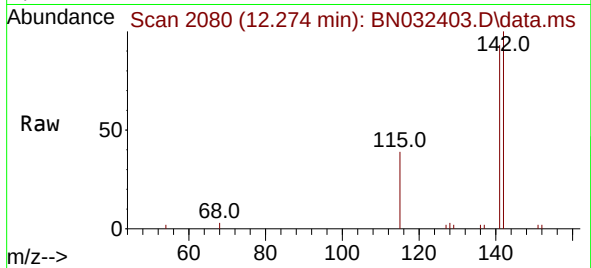
Tgt Ion:	142	Resp:	12028
Ion Ratio	Lower	Upper	
142	100		
141	89.4	72.2	108.2





#8
1-Methylnaphthalene
Concen: 0.195 ng/ul
RT: 12.274 min Scan# 2080
Delta R.T. -0.022 min
Lab File: BN032403.D
Acq: 02 Jul 2024 16:35

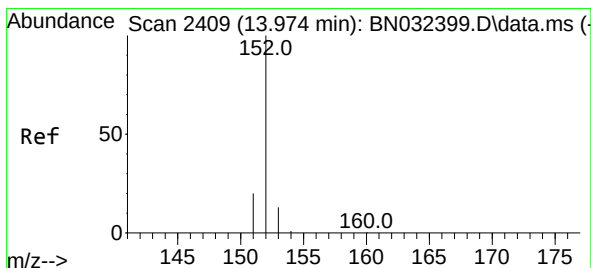
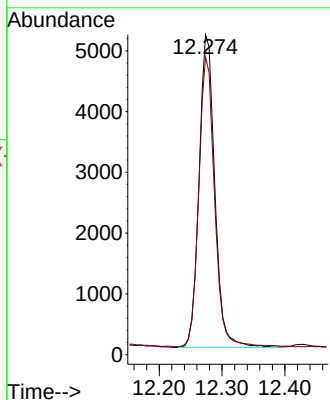
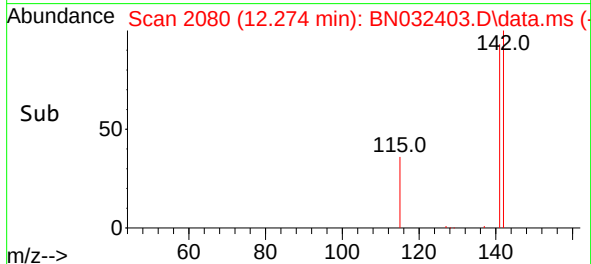
Instrument :
BNA_N
ClientSampleId :
A4C54



Tgt Ion:142 Resp: 896
Ion Ratio Lower Upper
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141 92.8 73.4 110.0

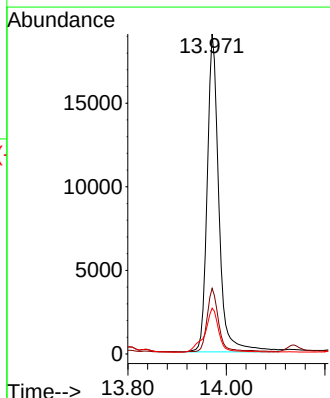
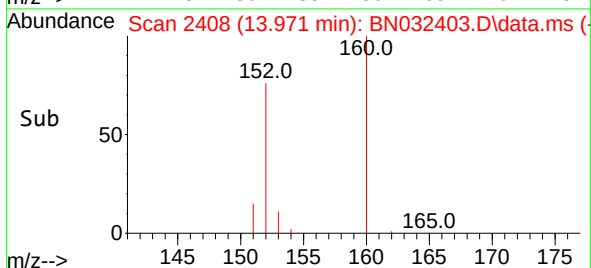
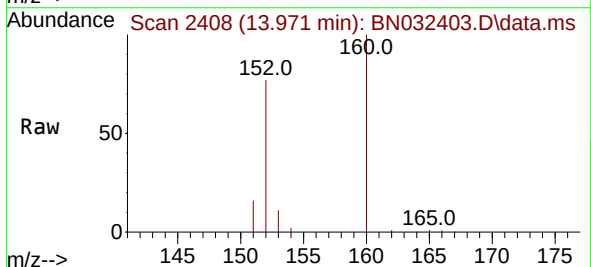
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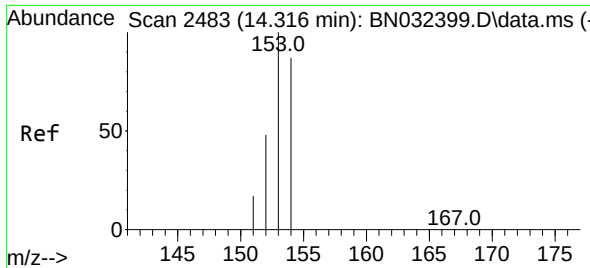
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#10
Acenaphthylene
Concen: 0.518 ng/ul
RT: 13.971 min Scan# 2408
Delta R.T. -0.019 min
Lab File: BN032403.D
Acq: 02 Jul 2024 16:35

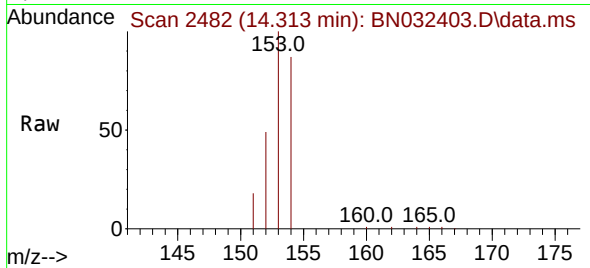
Tgt Ion:152 Resp: 31286
Ion Ratio Lower Upper
152 100
151 20.5 15.7 23.5
153 14.3 10.9 16.3





#11
Acenaphthene
Concen: 0.712 ng/ul
RT: 14.313 min Scan# 2482
Delta R.T. -0.019 min
Lab File: BN032403.D
Acq: 02 Jul 2024 16:35

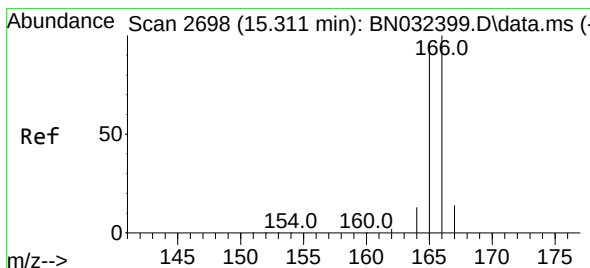
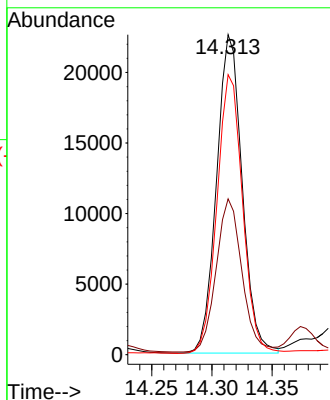
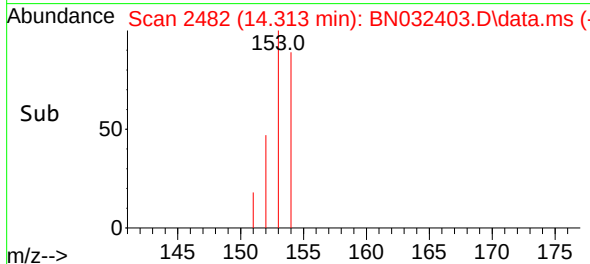
Instrument :
BNA_N
ClientSampleId :
A4C54



Tgt Ion:153 Resp: 3337
Ion Ratio Lower Upper
153 100
152 48.7 39.5 59.3
154 87.5 71.7 107.5

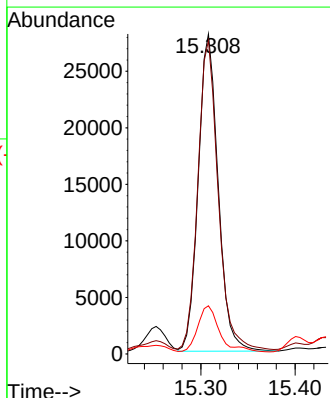
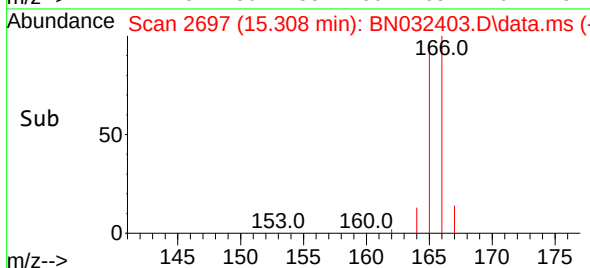
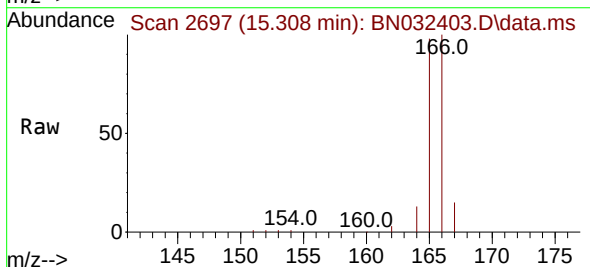
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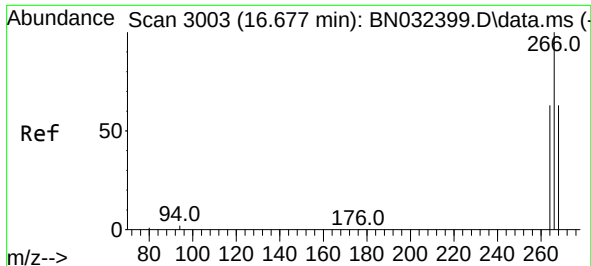
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#12
Fluorene
Concen: 0.737 ng/ul
RT: 15.308 min Scan# 2697
Delta R.T. -0.018 min
Lab File: BN032403.D
Acq: 02 Jul 2024 16:35

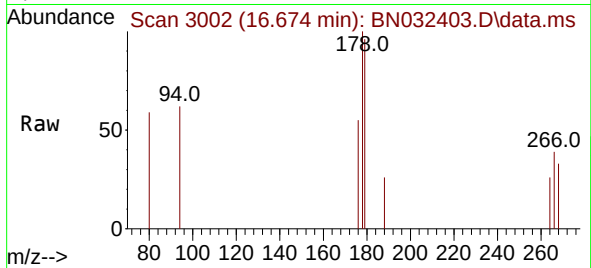
Tgt Ion:166 Resp: 41147
Ion Ratio Lower Upper
166 100
165 98.0 79.0 118.6
167 15.1 11.0 16.6





#14
 Pentachlorophenol
 Concen: 0.037 ng/ul m
 RT: 16.674 min Scan# 3002
 Delta R.T. -0.025 min
 Lab File: BN032403.D
 Acq: 02 Jul 2024 16:35

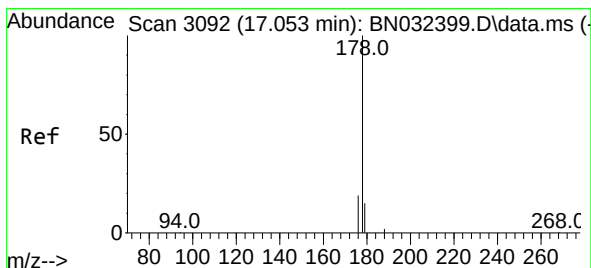
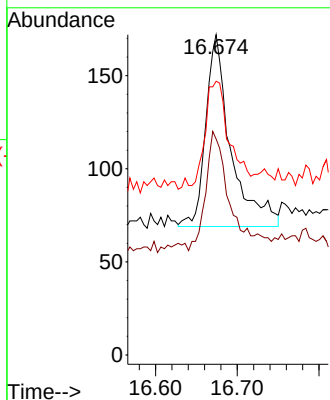
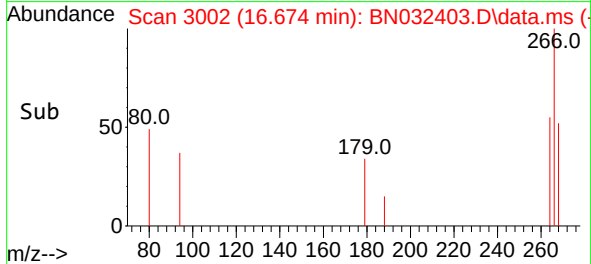
Instrument :
 BNA_N
 ClientSampleId :
 A4C54



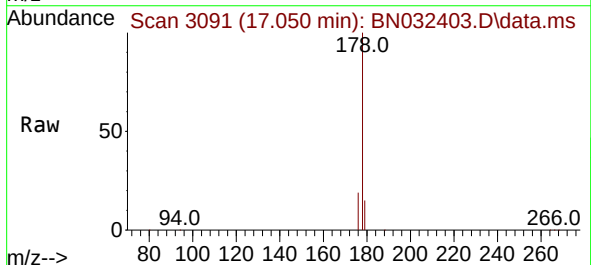
Tgt Ion:266 Resp: 220
 Ion Ratio Lower Upper
 266 100
 264 1.8 49.9 74.9
 268 1.4 52.4 78.6

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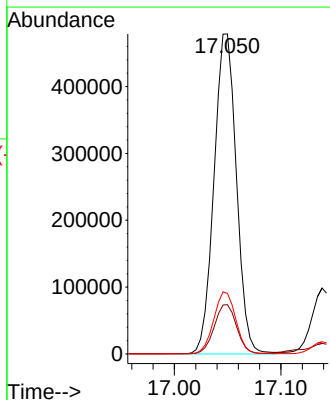
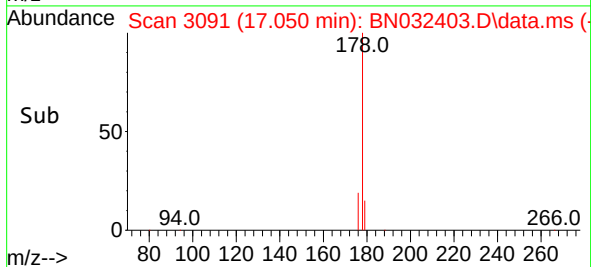
Reviewed By :Yogesh Patel 07/03/2024
 Supervised By :mohammad ahmed 07/04/2024

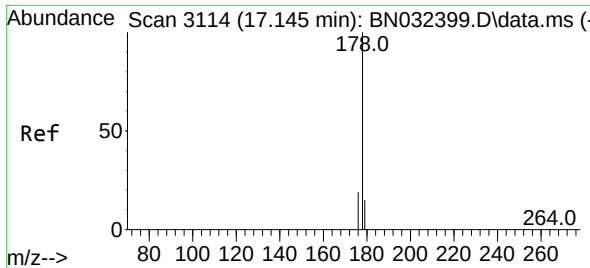


#15
 Phenanthrene
 Concen: 9.657 ng/ul m
 RT: 17.050 min Scan# 3091
 Delta R.T. -0.017 min
 Lab File: BN032403.D
 Acq: 02 Jul 2024 16:35



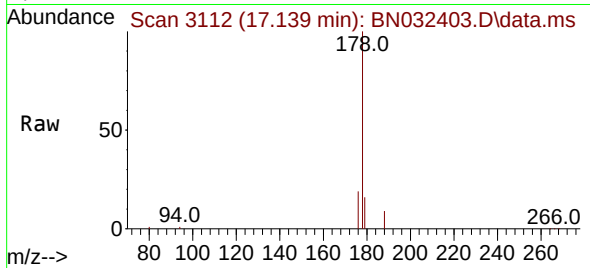
Tgt Ion:178 Resp: 697922
 Ion Ratio Lower Upper
 178 100
 179 15.4 12.6 18.8
 176 19.0 15.6 23.4





#16
 Anthracene
 Concen: 2.259 ng/ul m
 RT: 17.139 min Scan# 3112
 Delta R.T. -0.021 min
 Lab File: BN032403.D
 Acq: 02 Jul 2024 16:35

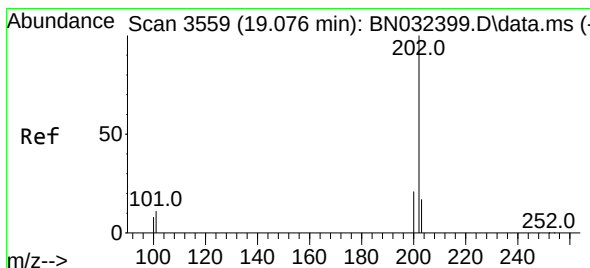
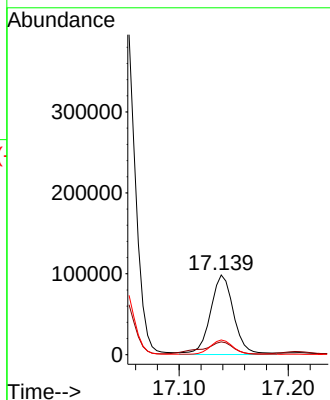
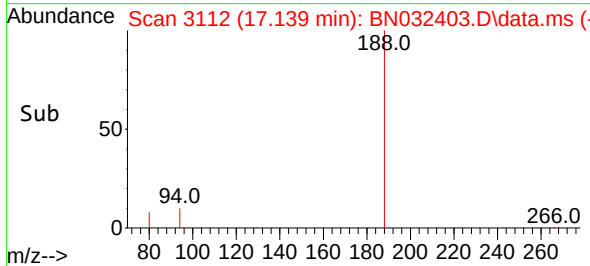
Instrument :
 BNA_N
 ClientSampleId :
 A4C54



Tgt Ion:178 Resp: 145609
 Ion Ratio Lower Upper
 178 100
 179 16.0 12.5 18.7
 176 18.5 15.0 22.6

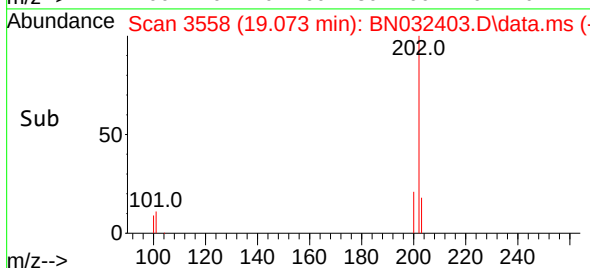
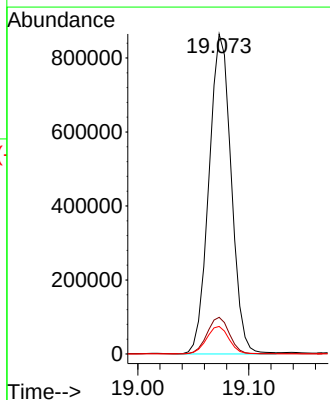
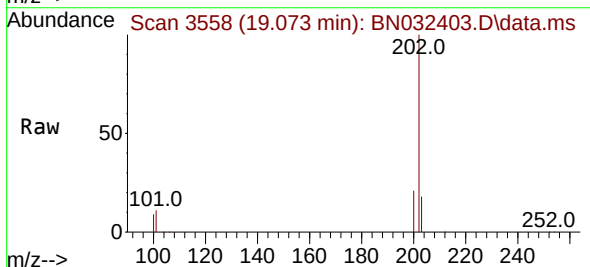
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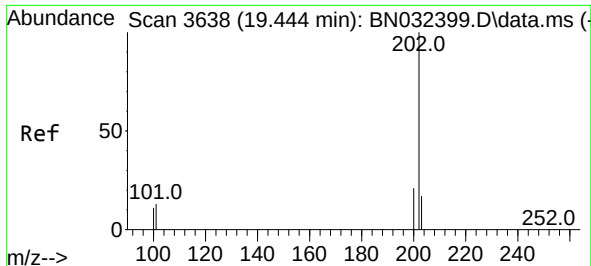
Reviewed By :Yogesh Patel 07/03/2024
 Supervised By :mohammad ahmed 07/04/2024



#19
 Fluoranthene
 Concen: 19.923 ng/ul m
 RT: 19.073 min Scan# 3558
 Delta R.T. -0.019 min
 Lab File: BN032403.D
 Acq: 02 Jul 2024 16:35

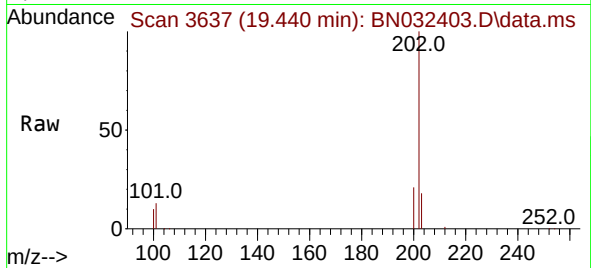
Tgt Ion:202 Resp: 1206567
 Ion Ratio Lower Upper
 202 100
 101 11.5 8.8 13.2
 100 8.6 6.4 9.6





#20
Pyrene
Concen: 13.563 ng/ul m
RT: 19.440 min Scan# 3638
Delta R.T. -0.014 min
Lab File: BN032403.D
Acq: 02 Jul 2024 16:35

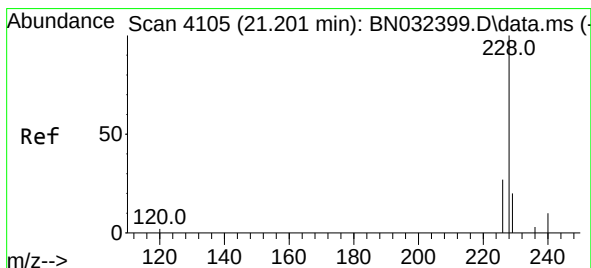
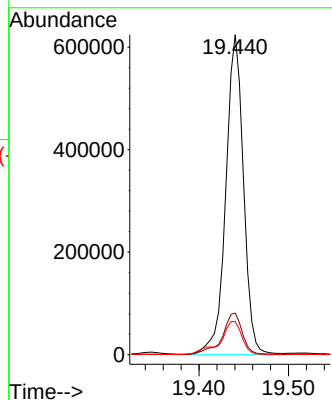
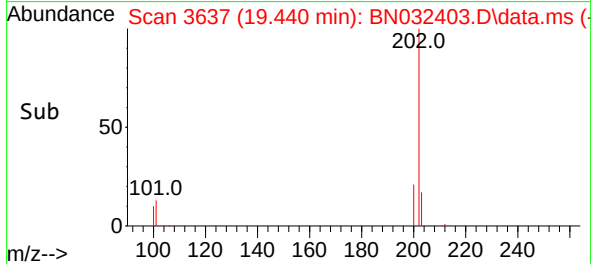
Instrument :
BNA_N
ClientSampleId :
A4C54



Tgt Ion:202 Resp: 858409
Ion Ratio Lower Upper
202 100
101 13.0 11.0 16.4
100 10.3 8.7 13.1

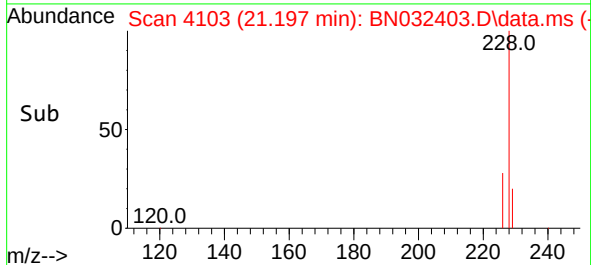
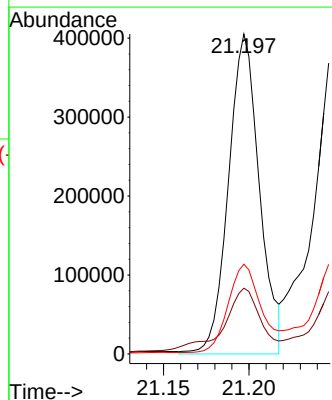
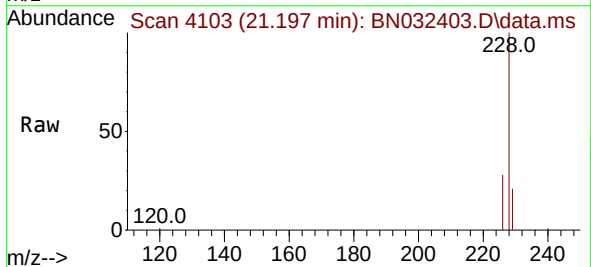
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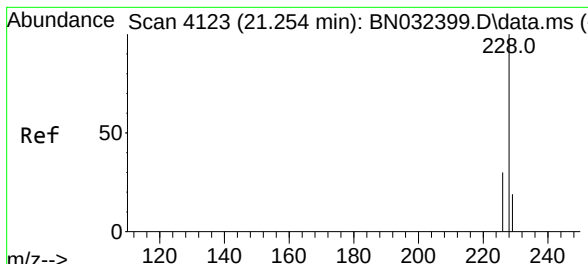
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#21
Benzo(a)anthracene
Concen: 8.895 ng/ul m
RT: 21.197 min Scan# 4103
Delta R.T. -0.018 min
Lab File: BN032403.D
Acq: 02 Jul 2024 16:35

Tgt Ion:228 Resp: 510574
Ion Ratio Lower Upper
228 100
229 20.6 15.7 23.5
226 28.0 21.8 32.8





#22

Chrysene

Concen: 9.014 ng/ul m

RT: 21.250 min Scan# 4121

Delta R.T. -0.018 min

Lab File: BN032403.D

Acq: 02 Jul 2024 16:35

Instrument :

BNA_N

ClientSampleId :

A4C54

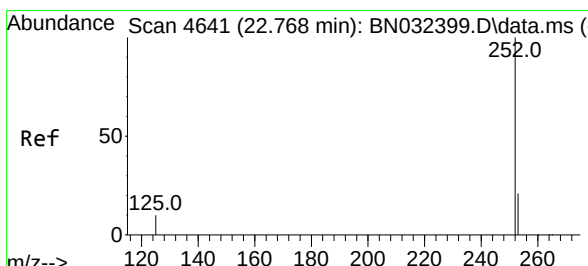
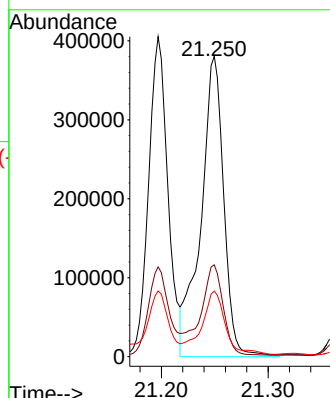
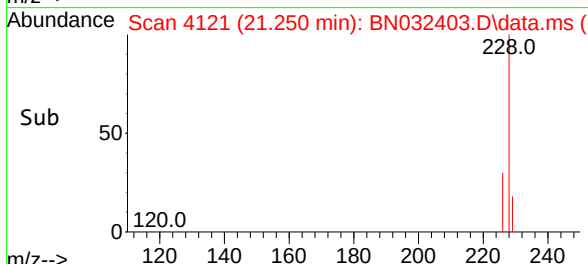
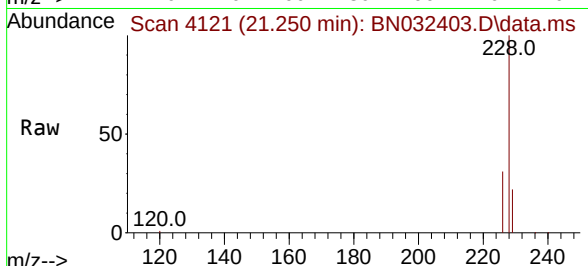
Tgt Ion:228	Resp: 56788
Ion Ratio	Lower Upper
228 100	
226 30.6	23.6 35.4
229 21.9	15.7 23.5

Manual Integrations

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Supervised By :mohammad ahmed 07/04/2024



#24

Benzo(b)fluoranthene

Concen: 9.029 ng/ul m

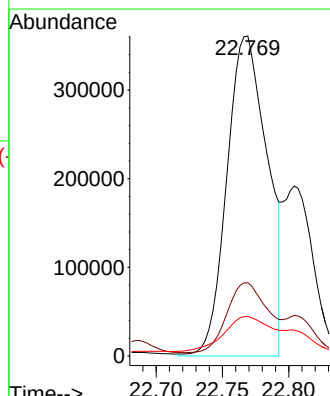
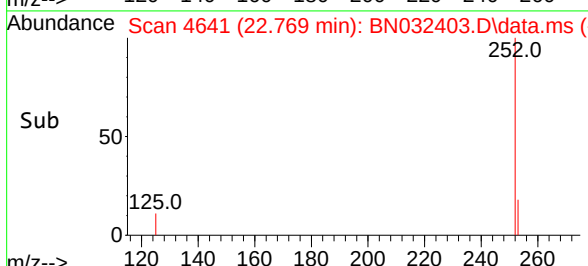
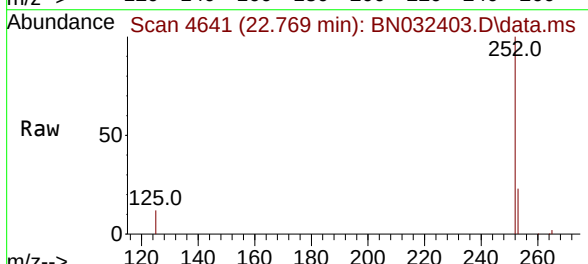
RT: 22.769 min Scan# 4641

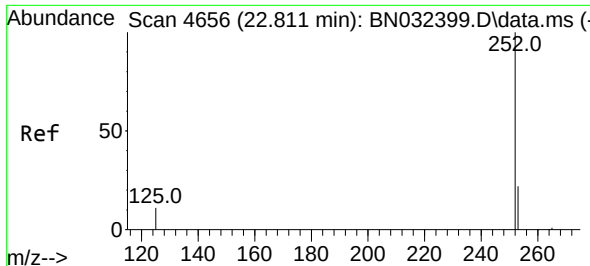
Delta R.T. -0.015 min

Lab File: BN032403.D

Acq: 02 Jul 2024 16:35

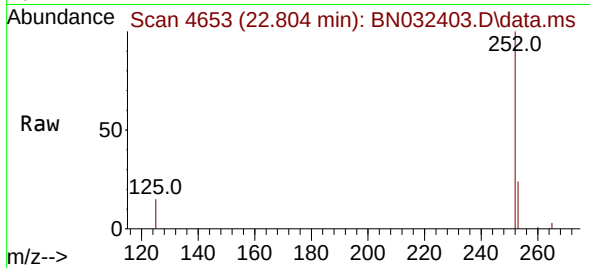
Tgt Ion:252	Resp: 765403
Ion Ratio	Lower Upper
252 100	
253 22.9	0.0 50.2
125 12.4	0.0 32.0





#25
Benzo(k)fluoranthene
Concen: 3.656 ng/ul m
RT: 22.804 min Scan# 4653
Delta R.T. -0.023 min
Lab File: BN032403.D
Acq: 02 Jul 2024 16:35

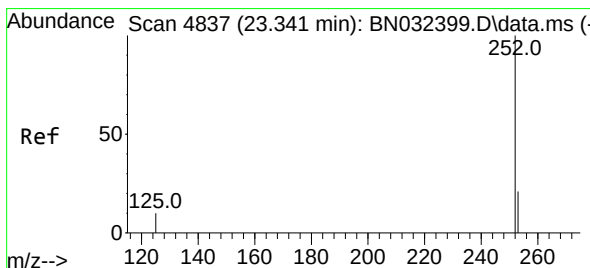
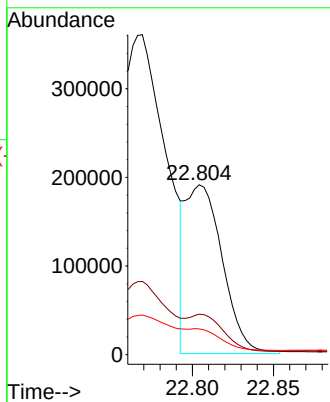
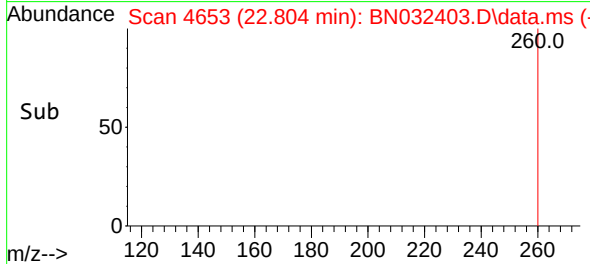
Instrument :
BNA_N
ClientSampleId :
A4C54



Tgt Ion:252 Resp: 301100
Ion Ratio Lower Upper
252 100
253 23.8 20.3 30.5
125 15.2 12.8 19.2

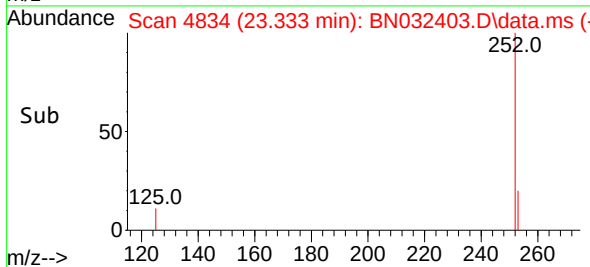
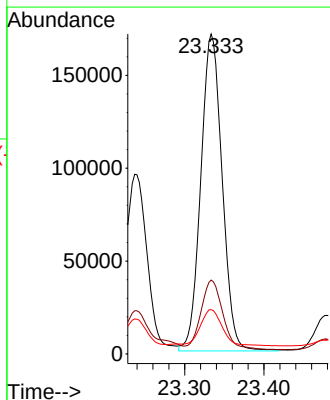
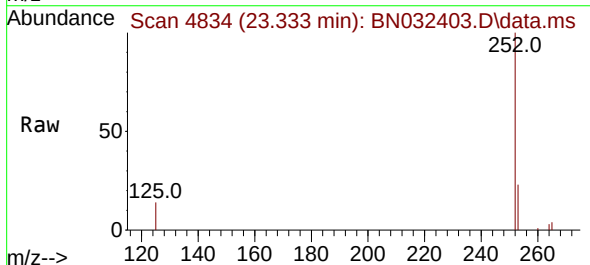
Manual Integrations
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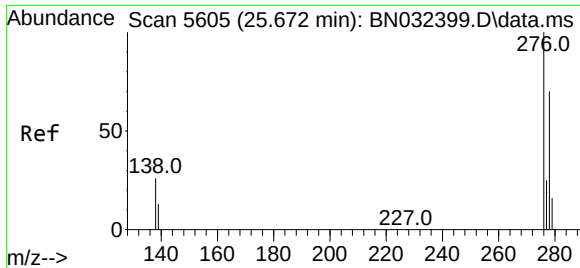
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#26
Benzo(a)pyrene
Concen: 5.423 ng/ul m
RT: 23.333 min Scan# 4834
Delta R.T. -0.026 min
Lab File: BN032403.D
Acq: 02 Jul 2024 16:35

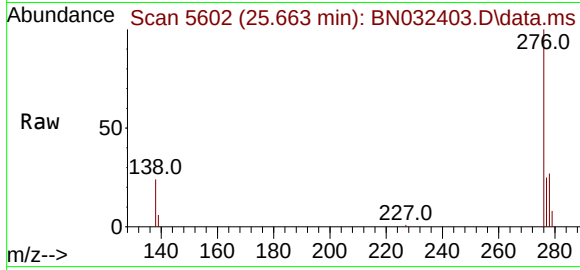
Tgt Ion:252 Resp: 319867
Ion Ratio Lower Upper
252 100
253 23.1 22.2 33.2
125 13.8 16.4 24.6#





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 3.504 ng/ul m
 RT: 25.663 min Scan# 5602
 Delta R.T. -0.037 min
 Lab File: BN032403.D
 Acq: 02 Jul 2024 16:35

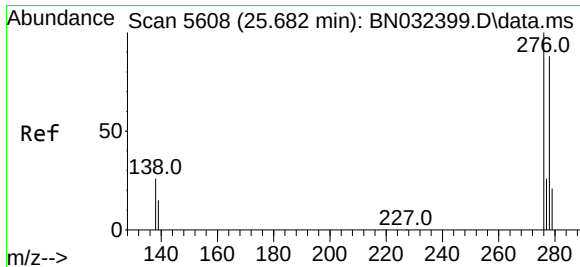
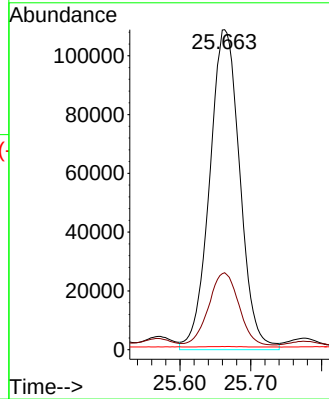
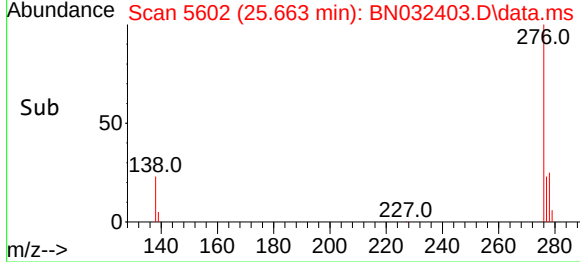
Instrument :
 BNA_N
 ClientSampleId :
 A4C54



Tgt Ion:276 Resp: 32358
 Ion Ratio Lower Upper
 276 100
 138 3.3 21.3 31.9
 227 0.0 0.1 0.1

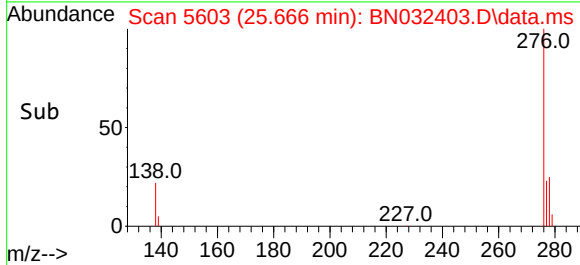
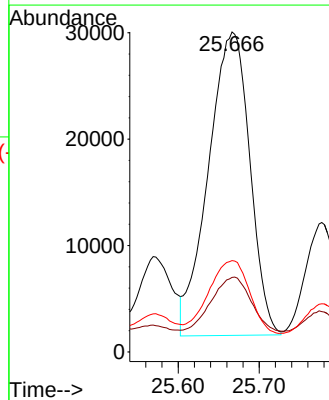
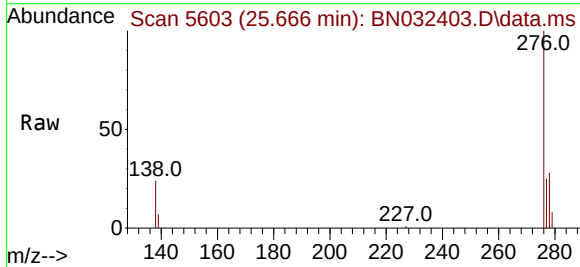
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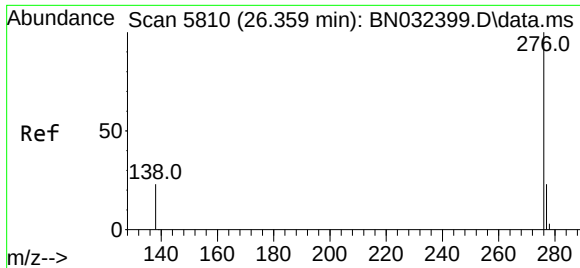
Reviewed By :Yogesh Patel 07/03/2024
 Supervised By :mohammad ahmed 07/04/2024



#28
 Dibenzo(a,h)anthracene
 Concen: 1.475 ng/ul m
 RT: 25.666 min Scan# 5603
 Delta R.T. -0.044 min
 Lab File: BN032403.D
 Acq: 02 Jul 2024 16:35

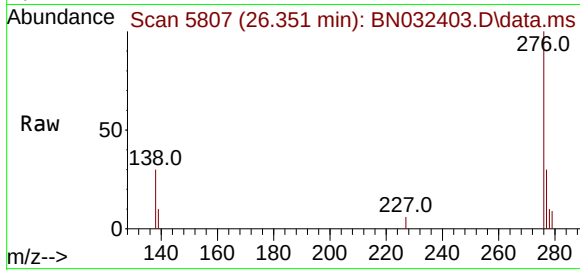
Tgt Ion:278 Resp: 101180
 Ion Ratio Lower Upper
 278 100
 139 23.3 15.9 23.9
 279 28.5 21.1 31.7





#29
 Benzo(g,h,i)perylene
 Concen: 0.644 ng/ul m
 RT: 26.351 min Scan# 5810
 Delta R.T. -0.030 min
 Lab File: BN032403.D
 Acq: 02 Jul 2024 16:35

Instrument :
 BNA_N
 ClientSampleId :
 A4C54



Tgt Ion:276 Resp: 47340
 Ion Ratio Lower Upper
 276 100
 138 29.8 19.8 29.6
 277 30.2 19.8 29.6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/03/2024
 Supervised By :mohammad ahmed 07/04/2024

