

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
 Data File : BN032327.D
 Acq On : 28 Jun 2024 23:40
 Operator : MA/JU
 Sample : P2934-20
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B56

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/29/2024
 Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jun 29 00:27:43 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	7.612	152	9047	0.400	ng/ul	0.00
4) Naphthalene-d8	10.386	136	29020	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.256	164	16593	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.010	188	30925m	0.400	ng/ul	-0.01
17) Chrysene-d12	21.213	240	19687m	0.400	ng/ul	-0.01
23) Perylene-d12	23.428	264	19881m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.147	96	26510	2.636	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.986	152	8327	0.191	ng/ul	-0.01
18) Fluoranthene-d10	19.049	212	14237	0.240	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.435	128	2602	0.034	ng/ul#	89
10) Acenaphthylene	13.979	152	5301	0.077	ng/ul#	94
11) Acenaphthene	14.321	153	2735	0.051	ng/ul	96
12) Fluorene	15.316	166	4367	0.068	ng/ul#	98
15) Phenanthrene	17.053	178	81879m	0.966	ng/ul	
16) Anthracene	17.145	178	17481m	0.231	ng/ul	
19) Fluoranthene	19.076	202	123507	1.647	ng/ul	98
20) Pyrene	19.439	202	110464	1.410	ng/ul	99
21) Benzo(a)anthracene	21.198	228	53209	0.749	ng/ul	97
22) Chrysene	21.248	228	48246	0.619	ng/ul	97
24) Benzo(b)fluoranthene	22.765	252	67969m	0.787	ng/ul	
25) Benzo(k)fluoranthene	22.803	252	23965m	0.286	ng/ul	
26) Benzo(a)pyrene	23.329	252	48389	0.805	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.658	276	34259	0.364	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.665	278	8117	0.116	ng/ul#	73
29) Benzo(g,h,i)perylene	26.349	276	33486	0.447	ng/ul	98

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

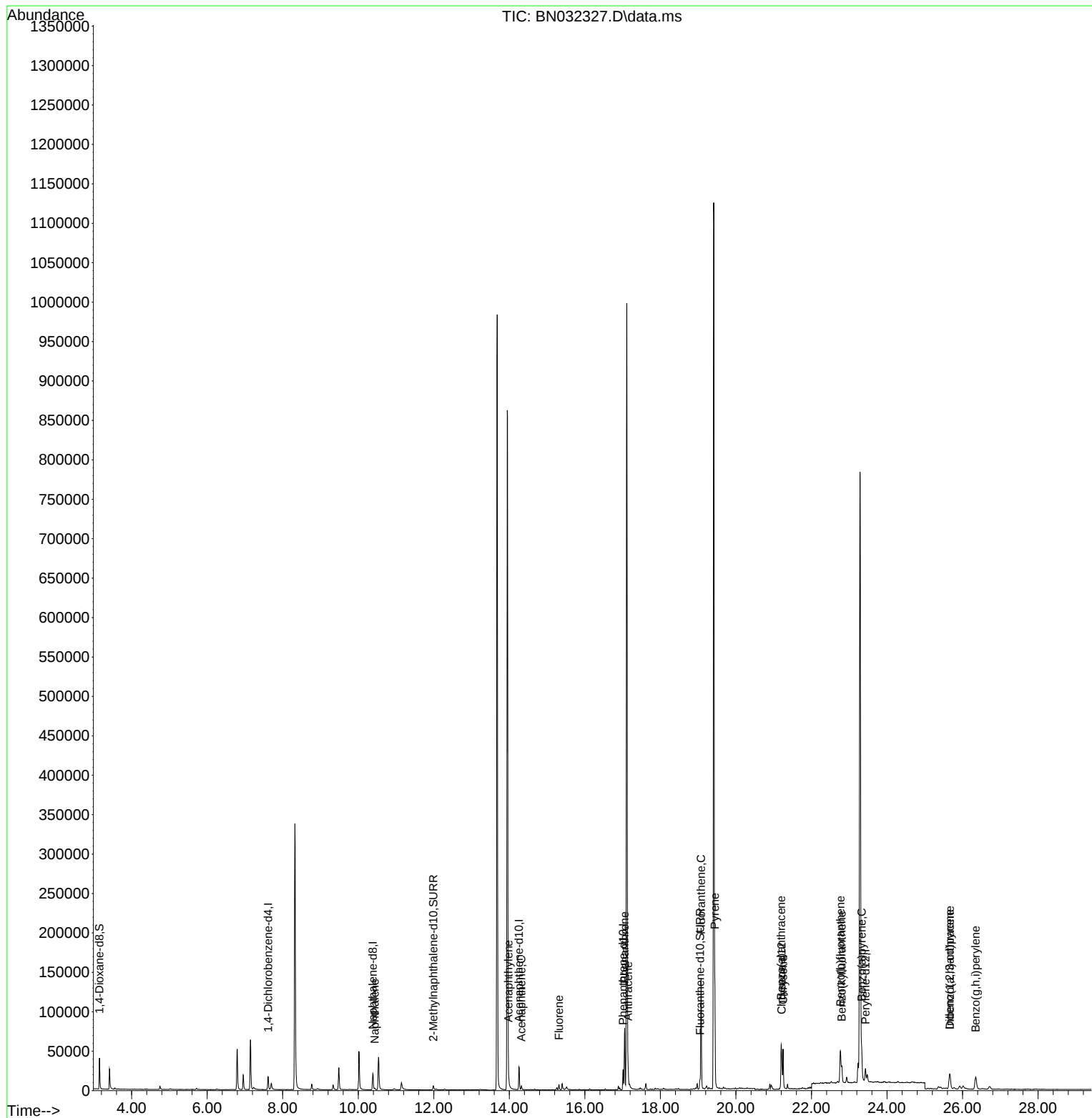
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032327.D
Acq On : 28 Jun 2024 23:40
Operator : MA/JU
Sample : P2934-20
Misc :
ALS Vial : 24 Sample Multiplier: 1

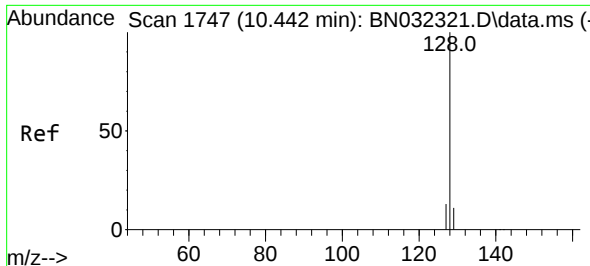
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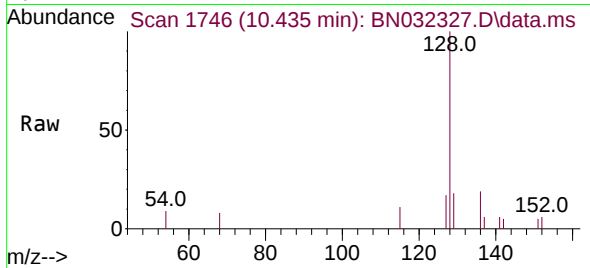
Quant Time: Jun 29 00:27:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.034 ng/ul
RT: 10.435 min Scan# 1746
Delta R.T. -0.013 min
Lab File: BN032327.D
Acq: 28 Jun 2024 23:40

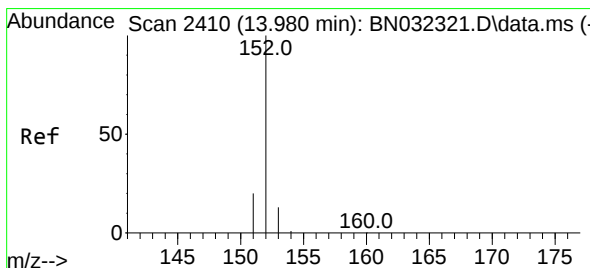
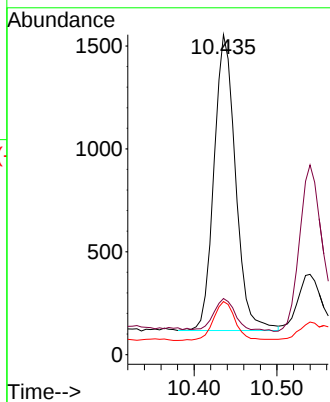
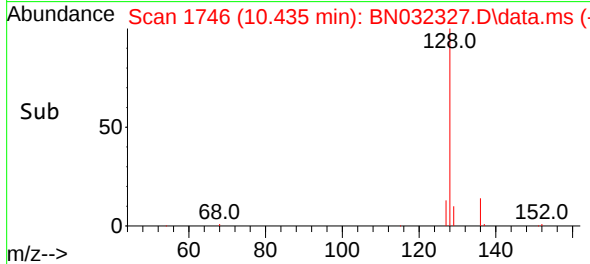
Instrument :
BNA_N
ClientSampleId :
A4B56



Tgt Ion:128 Resp: 2602
Ion Ratio Lower Upper
128 100
129 17.6 9.2 13.8
127 16.6 10.8 16.2

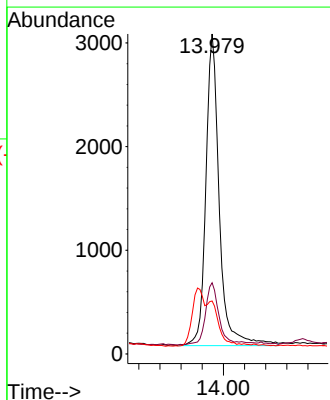
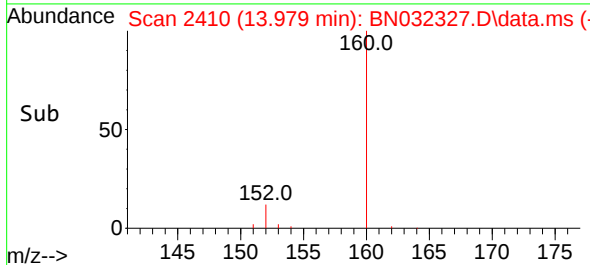
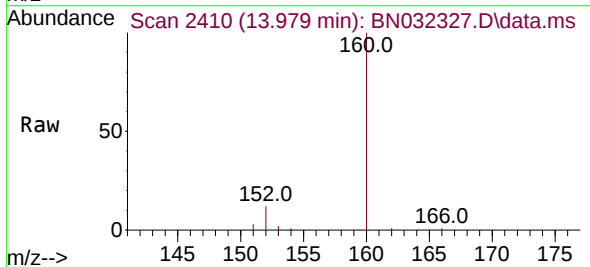
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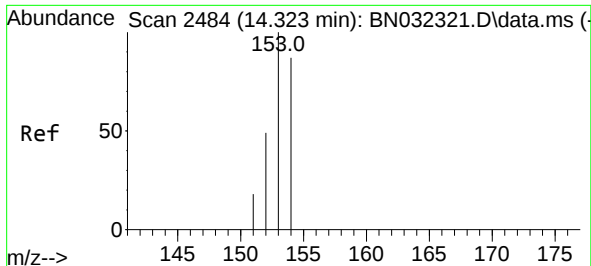
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 07/04/2024



#10
Acenaphthylene
Concen: 0.077 ng/ul
RT: 13.979 min Scan# 2410
Delta R.T. -0.011 min
Lab File: BN032327.D
Acq: 28 Jun 2024 23:40

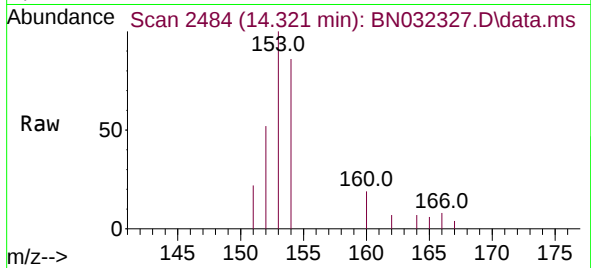
Tgt Ion:152 Resp: 5301
Ion Ratio Lower Upper
152 100
151 22.2 15.7 23.5
153 16.5 10.9 16.3





#11
Acenaphthene
Concen: 0.051 ng/ul
RT: 14.321 min Scan# 2484
Delta R.T. -0.011 min
Lab File: BN032327.D
Acq: 28 Jun 2024 23:40

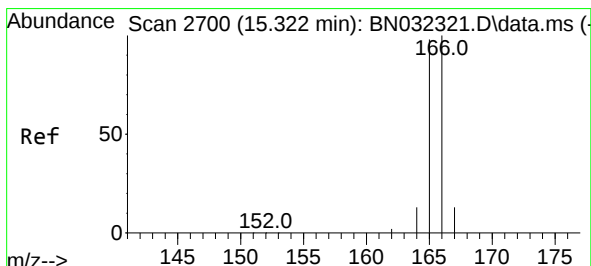
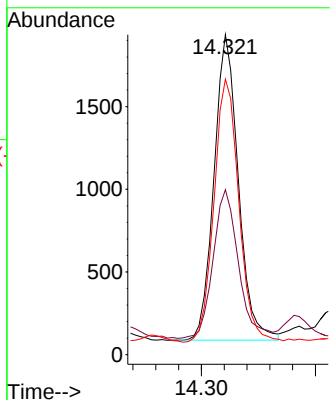
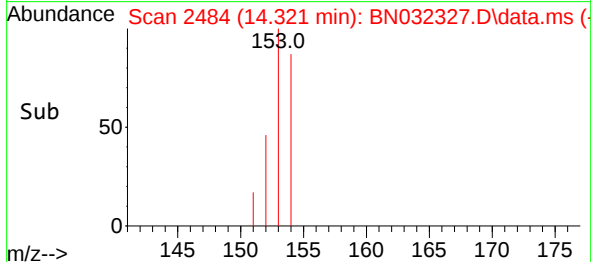
Instrument :
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A4B56



Tgt Ion:153 Resp: 2735
Ion Ratio Lower Upper
153 100
152 51.6 39.5 59.3
154 86.1 71.7 107.5

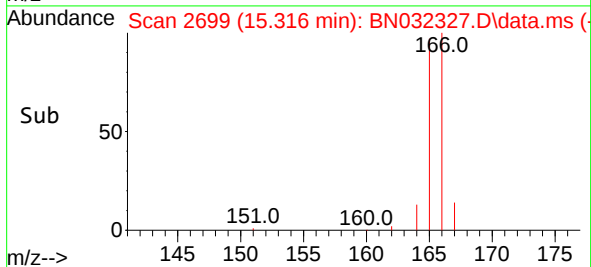
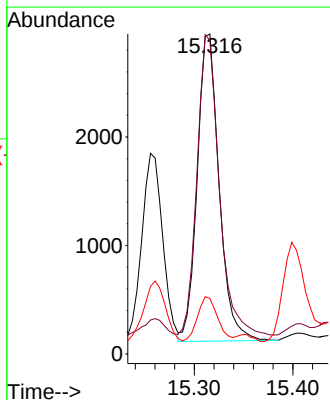
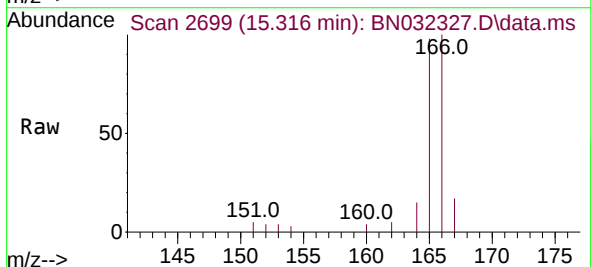
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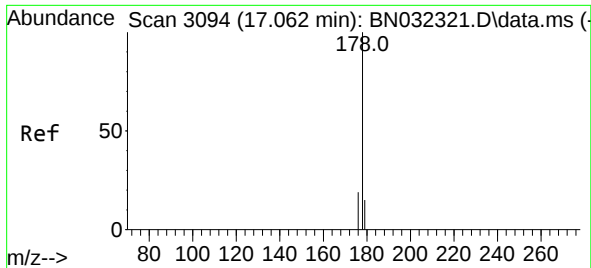
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 07/04/2024



#12
Fluorene
Concen: 0.068 ng/ul
RT: 15.316 min Scan# 2699
Delta R.T. -0.011 min
Lab File: BN032327.D
Acq: 28 Jun 2024 23:40

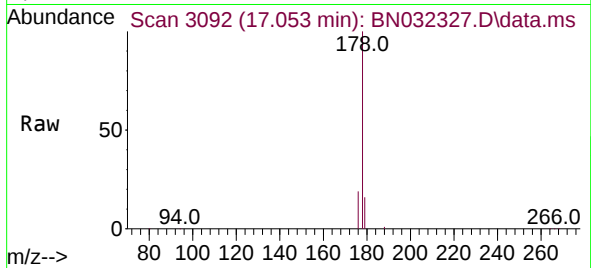
Tgt Ion:166 Resp: 4367
Ion Ratio Lower Upper
166 100
165 98.0 79.0 118.6
167 17.3 11.0 16.6#





#15
Phenanthrene
Concen: 0.966 ng/ul m
RT: 17.053 min Scan# 3092
Delta R.T. -0.014 min
Lab File: BN032327.D
Acq: 28 Jun 2024 23:40

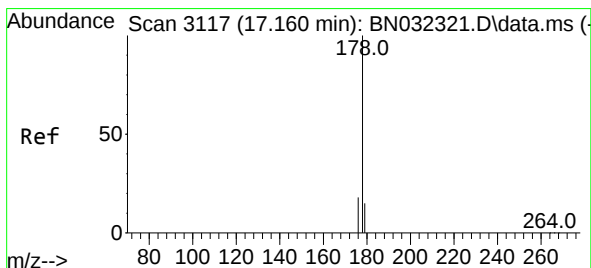
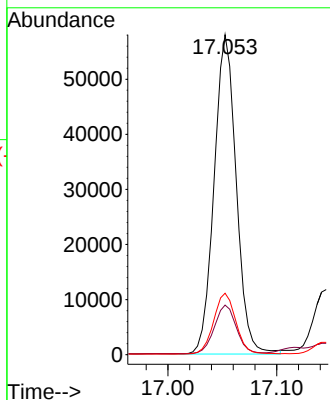
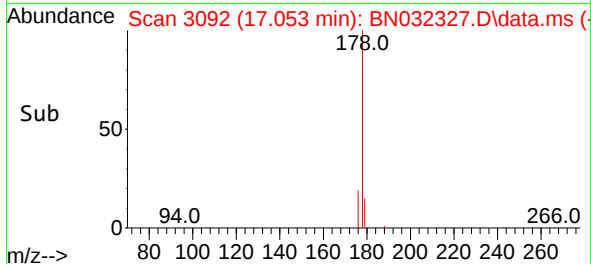
Instrument :
BNA_N
ClientSampleId :
A4B56



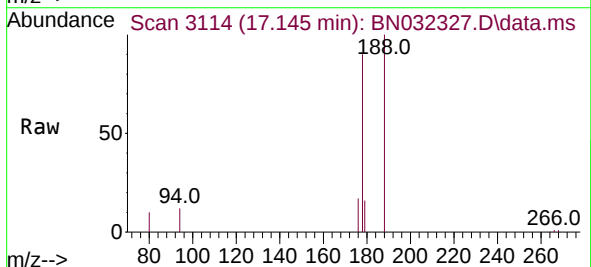
Tgt Ion:178 Resp: 81879
Ion Ratio Lower Upper
178 100
179 15.5 12.6 18.8
176 19.2 15.6 23.4

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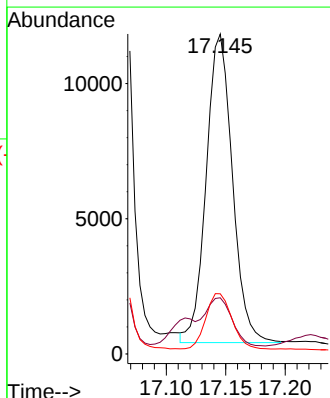
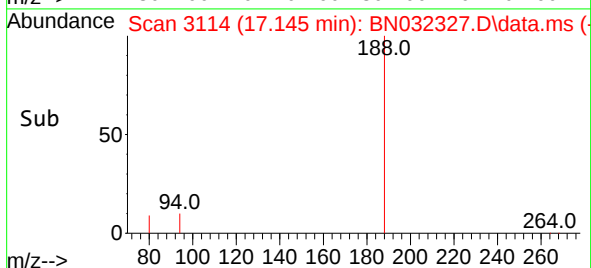
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 07/04/2024

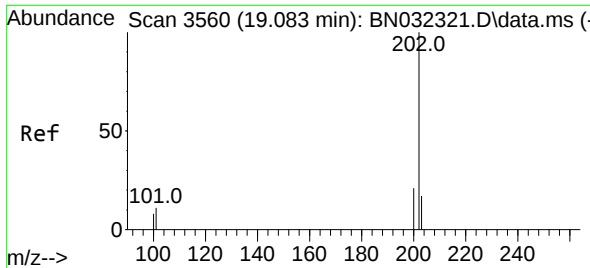


#16
Anthracene
Concen: 0.231 ng/ul m
RT: 17.145 min Scan# 3114
Delta R.T. -0.014 min
Lab File: BN032327.D
Acq: 28 Jun 2024 23:40



Tgt Ion:178 Resp: 17481
Ion Ratio Lower Upper
178 100
179 17.5 12.5 18.7
176 18.8 15.0 22.6





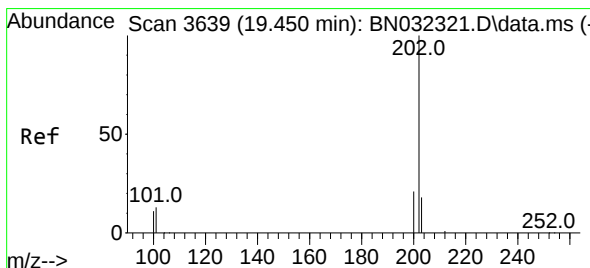
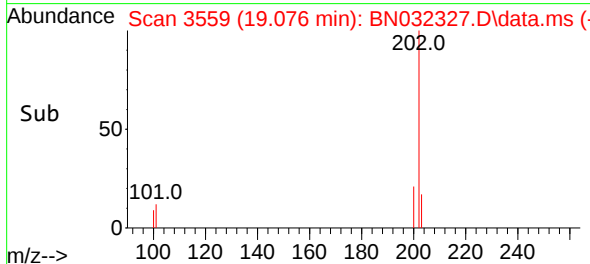
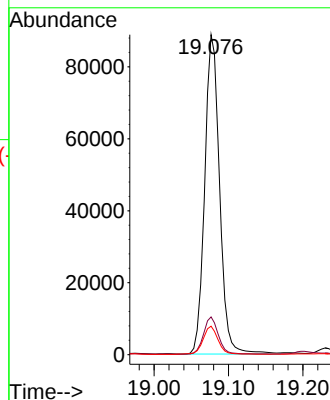
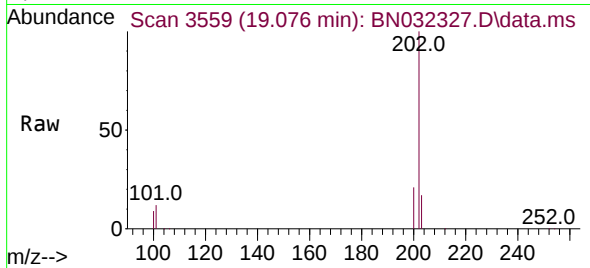
#19
Fluoranthene
Concen: 1.647 ng/ul
RT: 19.076 min Scan# 3559
Delta R.T. -0.015 min
Lab File: BN032327.D
Acq: 28 Jun 2024 23:40

Instrument :
BNA_N
ClientSampleId :
A4B56

Tgt Ion:202 Resp: 12350
Ion Ratio Lower Upper
202 100
101 11.8 8.8 13.2
100 8.9 6.4 9.6

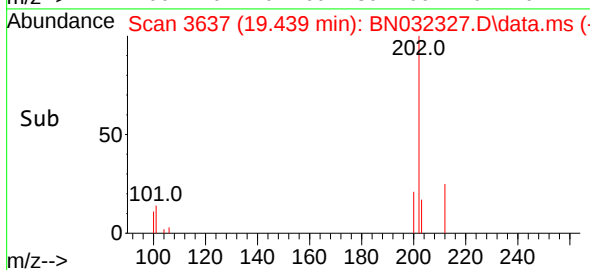
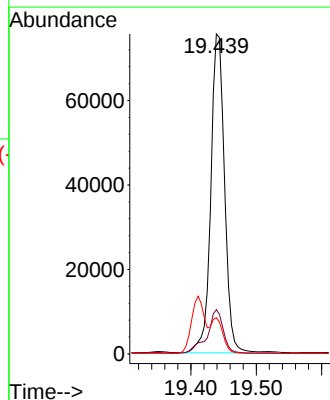
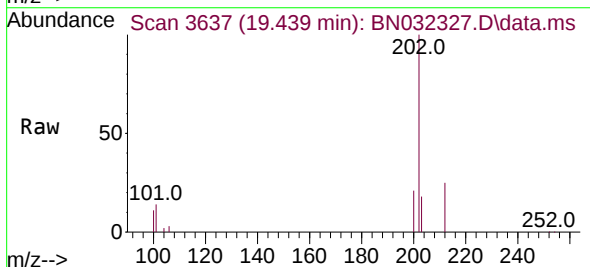
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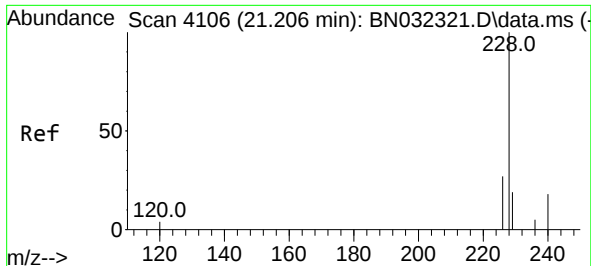
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 07/04/2024



#20
Pyrene
Concen: 1.410 ng/ul
RT: 19.439 min Scan# 3637
Delta R.T. -0.015 min
Lab File: BN032327.D
Acq: 28 Jun 2024 23:40

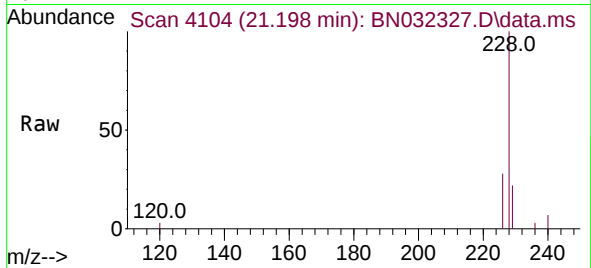
Tgt Ion:202 Resp: 110464
Ion Ratio Lower Upper
202 100
101 13.9 11.0 16.4
100 11.4 8.7 13.1





#21
Benzo(a)anthracene
Concen: 0.749 ng/u1
RT: 21.198 min Scan# 4106
Delta R.T. -0.016 min
Lab File: BN032327.D
Acq: 28 Jun 2024 23:40

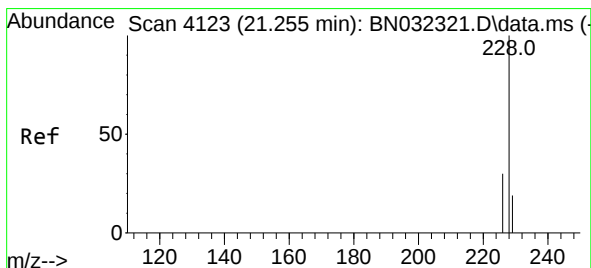
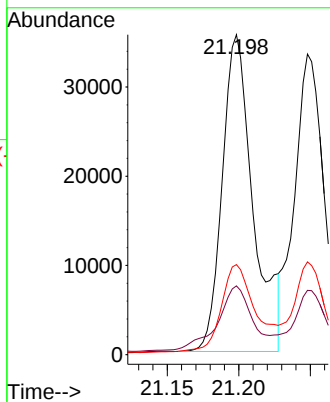
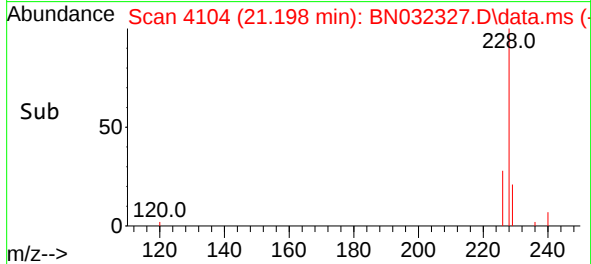
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:228 Resp: 53209
Ion Ratio Lower Upper
228 100
229 21.5 15.7 23.5
226 28.2 21.8 32.8

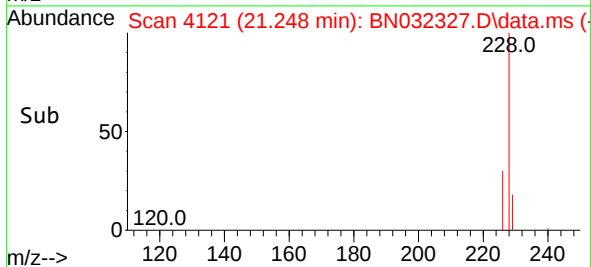
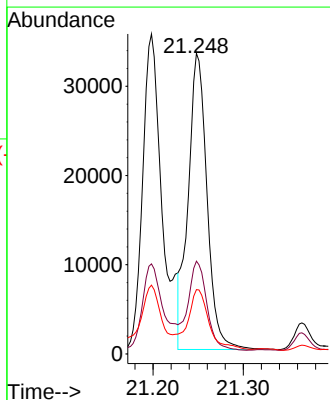
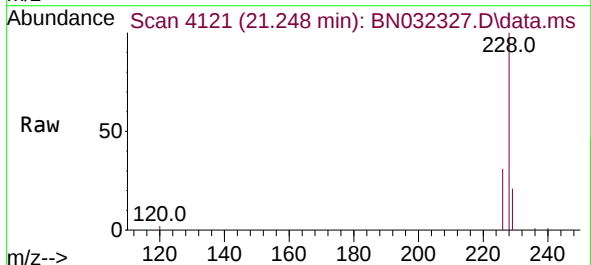
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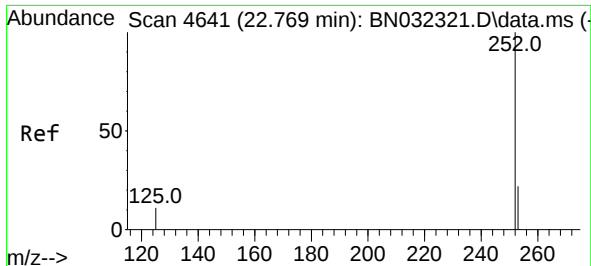
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 07/04/2024



#22
Chrysene
Concen: 0.619 ng/u1
RT: 21.248 min Scan# 4121
Delta R.T. -0.019 min
Lab File: BN032327.D
Acq: 28 Jun 2024 23:40

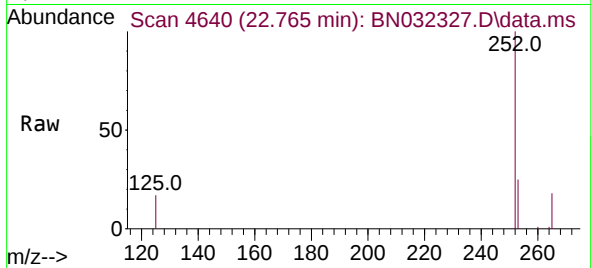
Tgt Ion:228 Resp: 48246
Ion Ratio Lower Upper
228 100
226 30.9 23.6 35.4
229 21.4 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 0.787 ng/ul m
RT: 22.765 min Scan# 4640
Delta R.T. -0.019 min
Lab File: BN032327.D
Acq: 28 Jun 2024 23:40

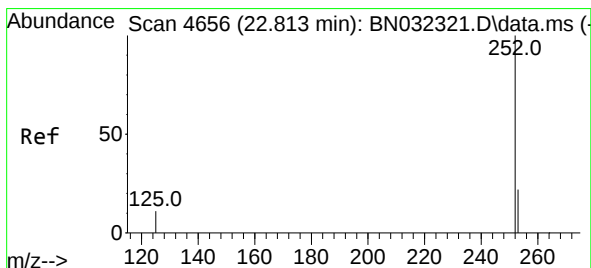
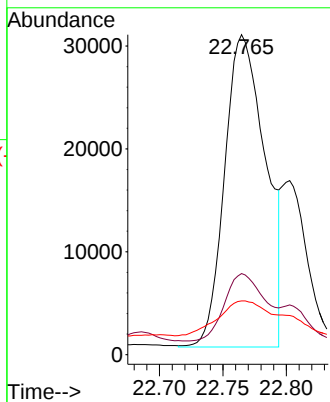
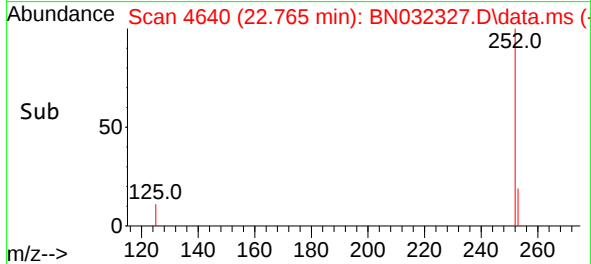
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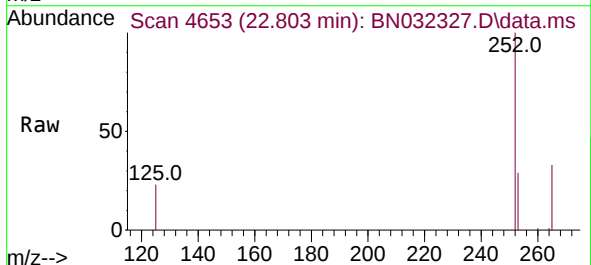
Tgt Ion:252 Resp: 67965
Ion Ratio Lower Upper
252 100
253 25.3 0.0 50.2
125 16.8 0.0 32.0

Manual Integrations
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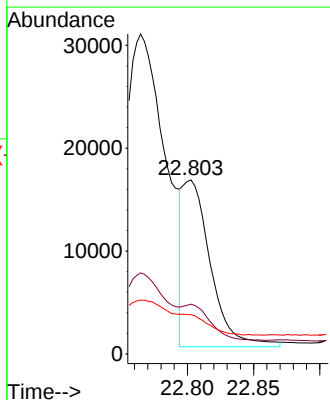
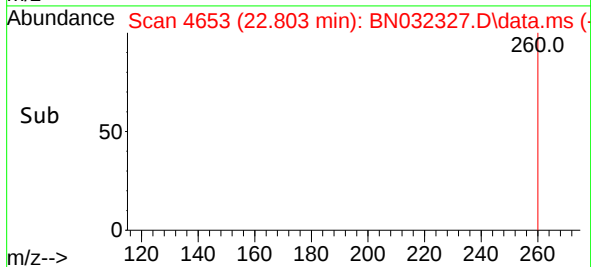
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 07/04/2024

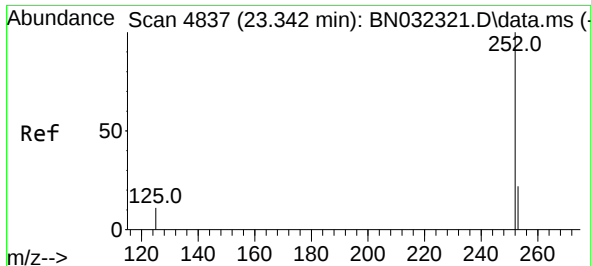


#25
Benzo(k)fluoranthene
Concen: 0.286 ng/ul m
RT: 22.803 min Scan# 4653
Delta R.T. -0.025 min
Lab File: BN032327.D
Acq: 28 Jun 2024 23:40



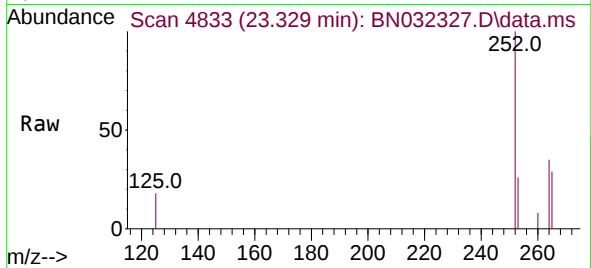
Tgt Ion:252 Resp: 23965
Ion Ratio Lower Upper
252 100
253 28.6 20.3 30.5
125 22.5 12.8 19.2#





#26
Benzo(a)pyrene
Concen: 0.805 ng/ul
RT: 23.329 min Scan# 4838
Delta R.T. -0.031 min
Lab File: BN032327.D
Acq: 28 Jun 2024 23:40

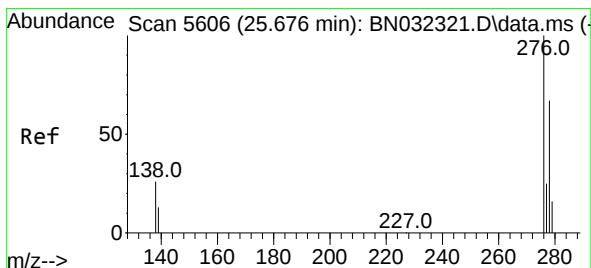
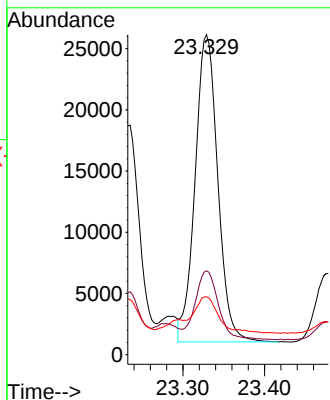
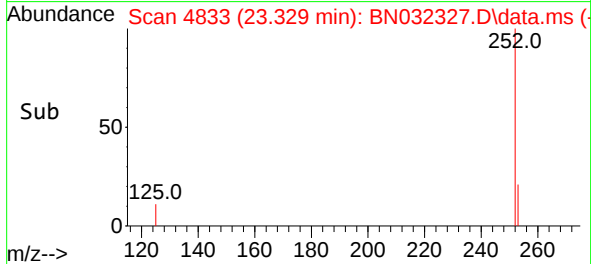
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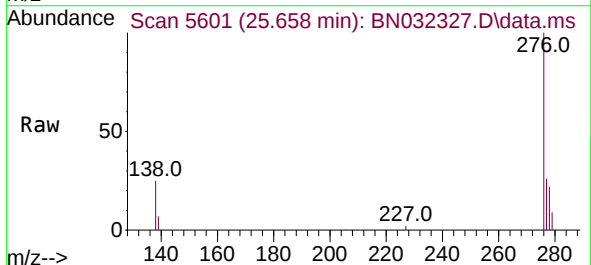
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125 18.1 16.4 24.6

Manual Integrations
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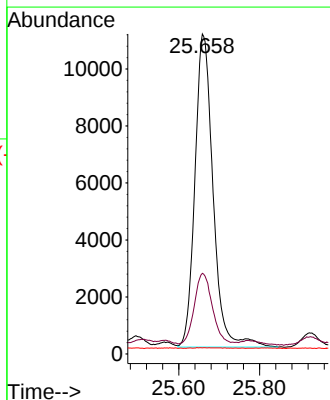
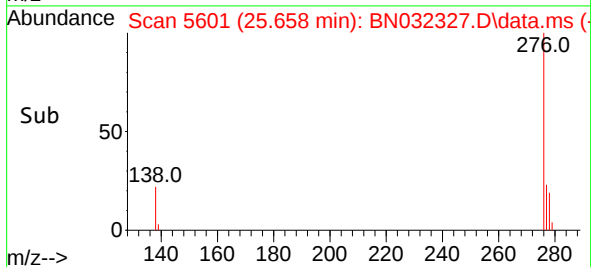
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 07/04/2024

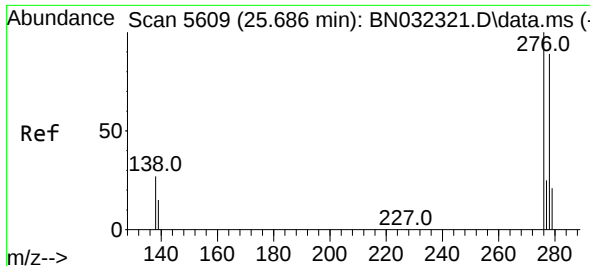


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.364 ng/ul
RT: 25.658 min Scan# 5601
Delta R.T. -0.042 min
Lab File: BN032327.D
Acq: 28 Jun 2024 23:40



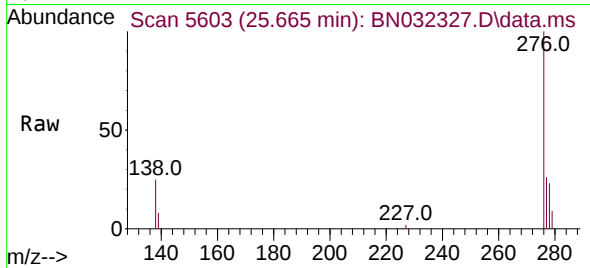
Tgt Ion:276 Resp: 34259
Ion Ratio Lower Upper
276 100
138 22.9 21.3 31.9
227 0.3 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.116 ng/ul
RT: 25.665 min Scan# 5603
Delta R.T. -0.045 min
Lab File: BN032327.D
Acq: 28 Jun 2024 23:40

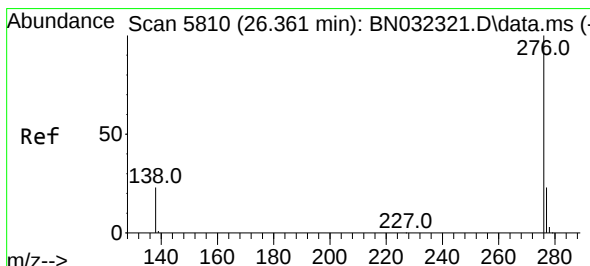
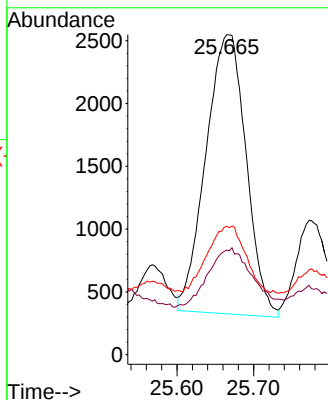
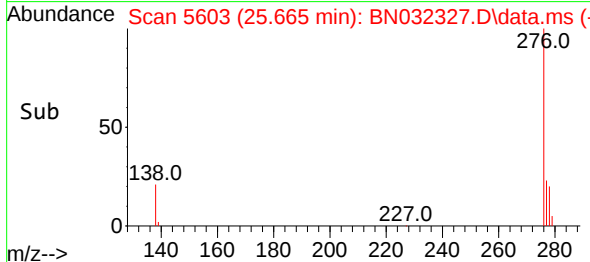
Instrument :
BNA_N
ClientSampleId :
A4B56



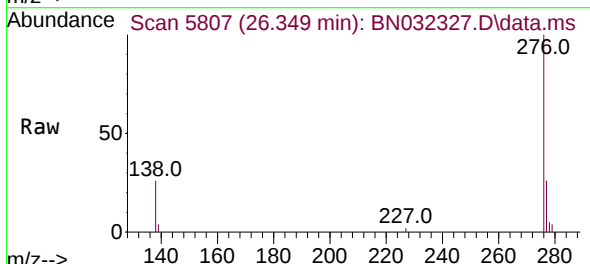
Tgt Ion: 278 Resp: 811
Ion Ratio Lower Upper
278 100
139 32.7 15.9 23.9
279 40.1 21.1 31.7

Manual Integrations
APPROVED

Reviewed By : Yogesh Patel 06/29/2024
Supervised By : mohammad ahmed 07/04/2024



#29
Benzo(g,h,i)perylene
Concen: 0.447 ng/ul
RT: 26.349 min Scan# 5807
Delta R.T. -0.032 min
Lab File: BN032327.D
Acq: 28 Jun 2024 23:40



Tgt Ion: 276 Resp: 33486
Ion Ratio Lower Upper
276 100
138 25.7 19.8 29.6
277 26.1 19.8 29.6

