

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
 Data File : BN032331.D
 Acq On : 29 Jun 2024 02:04
 Operator : MA/JU
 Sample : P2934-12
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CP8

Manual Integrations
 APPROVED

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

Quant Time: Jun 29 02:59:04 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	7.616	152	8486	0.400	ng/ul	0.00
4) Naphthalene-d8	10.387	136	25819	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.258	164	13927	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.012	188	25340m	0.400	ng/ul	-0.01
17) Chrysene-d12	21.211	240	19456m	0.400	ng/ul	-0.01
23) Perylene-d12	23.424	264	20891m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.148	96	34223	3.628	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.988	152	9045	0.234	ng/ul	-0.01
18) Fluoranthene-d10	19.045	212	15789m	0.270	ng/ul	-0.01
Target Compounds						Qvalue
5) Naphthalene	10.437	128	6735	0.099	ng/ul#	95
7) 2-Methylnaphthalene	12.065	142	2866	0.063	ng/ul	99
8) 1-Methylnaphthalene	12.285	142	3148	0.067	ng/ul	100
10) Acenaphthylene	13.980	152	9904	0.171	ng/ul	96
11) Acenaphthene	14.322	153	15545	0.346	ng/ul	99
12) Fluorene	15.312	166	20097	0.375	ng/ul	99
15) Phenanthrene	17.050	178	377063m	5.428	ng/ul	
16) Anthracene	17.143	178	90451m	1.460	ng/ul	
19) Fluoranthene	19.078	202	633918m	8.556	ng/ul	
20) Pyrene	19.440	202	418020m	5.399	ng/ul	
21) Benzo(a)anthracene	21.194	228	278300m	3.963	ng/ul	
22) Chrysene	21.246	228	277748m	3.604	ng/ul	
24) Benzo(b)fluoranthene	22.760	252	337595m	3.720	ng/ul	
25) Benzo(k)fluoranthene	22.798	252	122602m	1.390	ng/ul	
26) Benzo(a)pyrene	23.327	252	124978m	1.979	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.656	276	103327m	1.045	ng/ul	
28) Dibenzo(a,h)anthracene	25.656	278	38676m	0.526	ng/ul	
29) Benzo(g,h,i)perylene	26.344	276	16054m	0.204	ng/ul	

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

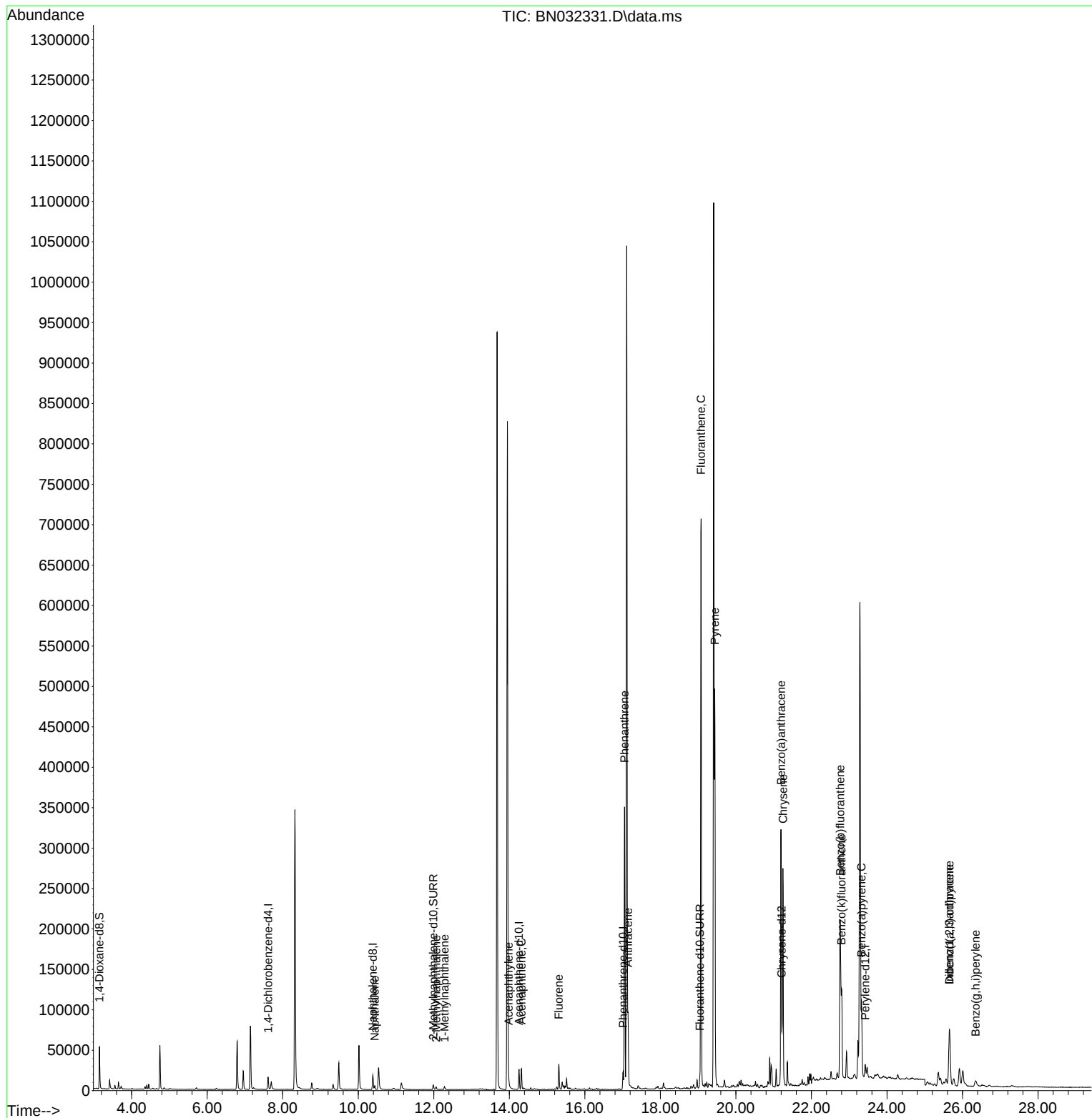
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032331.D
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Operator : MA/JU
Sample : P2934-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

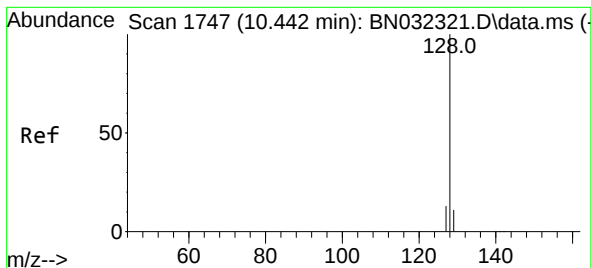
Instrument :
BNA_N
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A4CP8

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Quant Time: Jun 29 02:59:04 2024
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#5

Naphthalene

Concen: 0.099 ng/ul

RT: 10.437 min Scan# 1746

Delta R.T. -0.011 min

Lab File: BN032331.D

Acq: 29 Jun 2024 02:04

Instrument :

BNA_N

ClientSampleId :

A4CP8

Tgt Ion:128 Resp: 6735

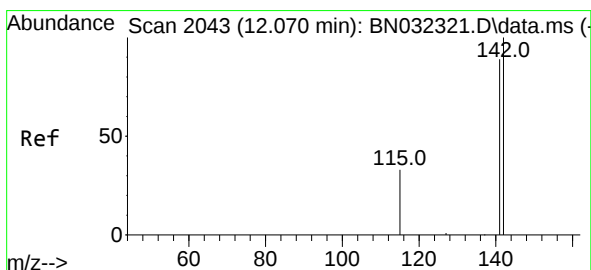
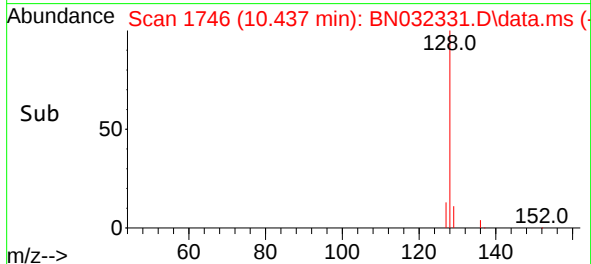
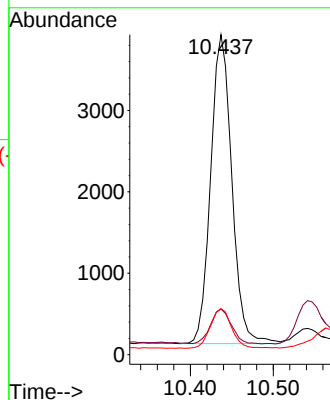
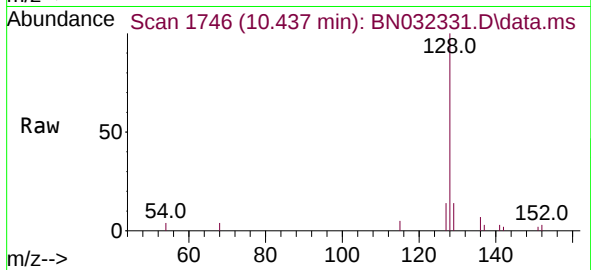
Ion	Ratio	Lower	Upper
128	100		
129	14.2	9.2	13.8
127	14.4	10.8	16.2

Manual Integrations

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Supervised By :mohammad ahmed 07/04/2024



#7

2-Methylnaphthalene

Concen: 0.063 ng/ul

RT: 12.065 min Scan# 2042

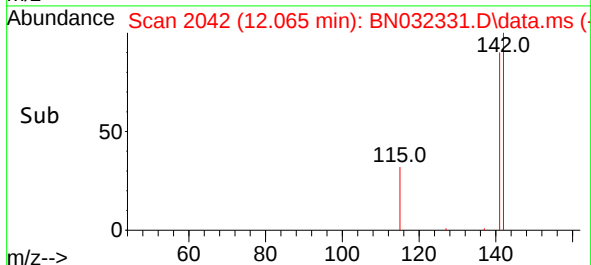
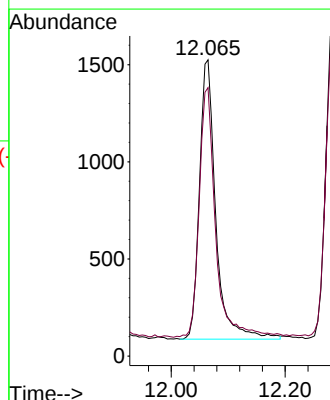
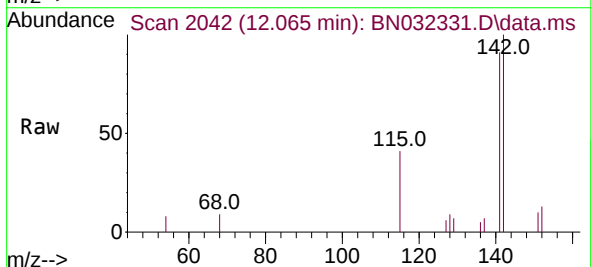
Delta R.T. -0.011 min

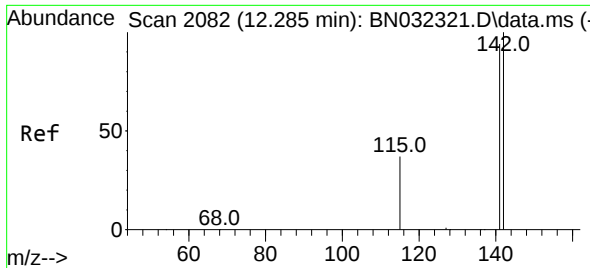
Lab File: BN032331.D

Acq: 29 Jun 2024 02:04

Tgt Ion:142 Resp: 2866

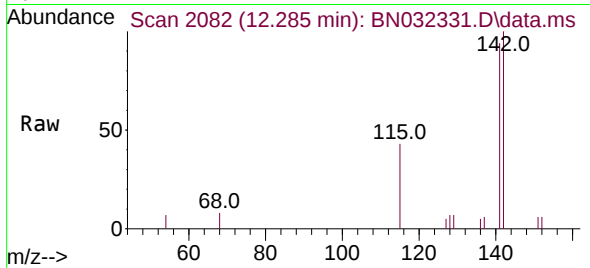
Ion	Ratio	Lower	Upper
142	100		
141	89.7	72.2	108.2





#8
1-Methylnaphthalene
Concen: 0.067 ng/ul
RT: 12.285 min Scan# 2082
Delta R.T. -0.011 min
Lab File: BN032331.D
Acq: 29 Jun 2024 02:04

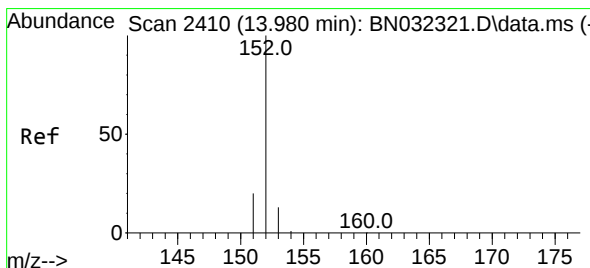
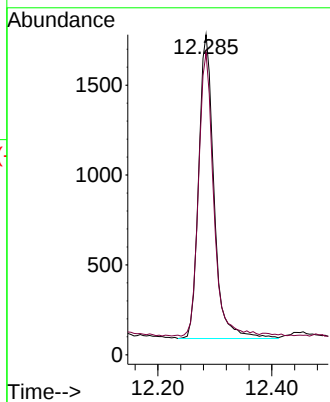
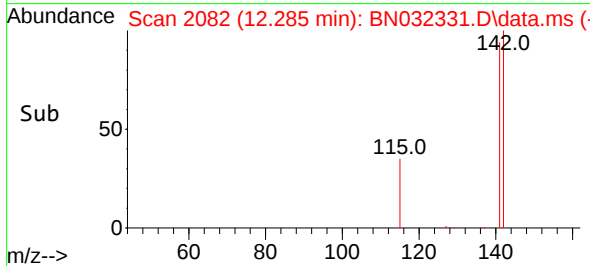
Instrument :
BNA_N
ClientSampleId :
A4CP8



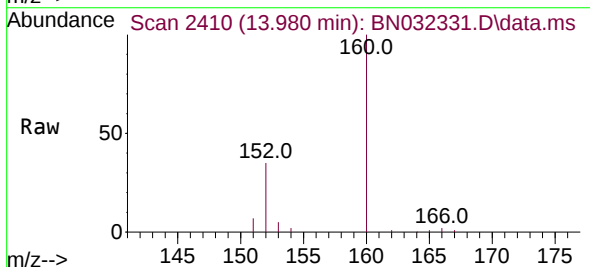
Tgt Ion:142 Resp: 3148
Ion Ratio Lower Upper
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141 91.3 73.4 110.0

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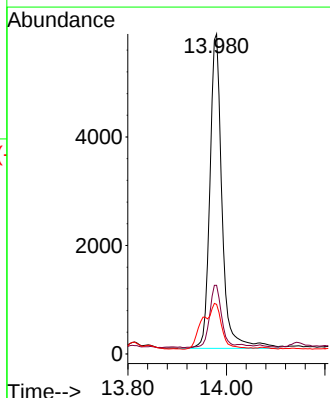
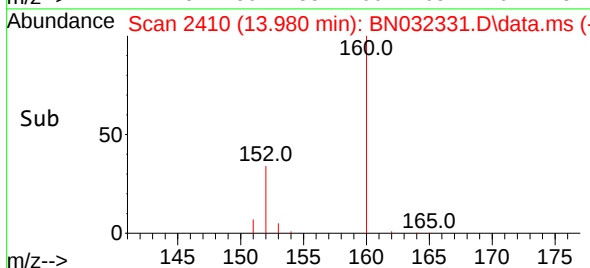
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 07/04/2024

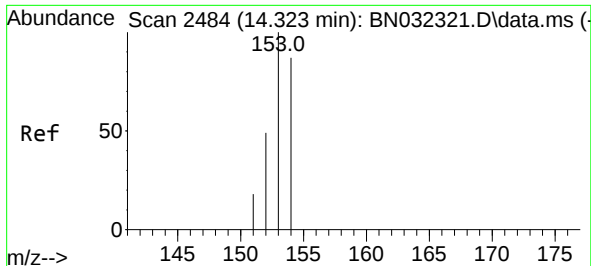


#10
Acenaphthylene
Concen: 0.171 ng/ul
RT: 13.980 min Scan# 2410
Delta R.T. -0.009 min
Lab File: BN032331.D
Acq: 29 Jun 2024 02:04



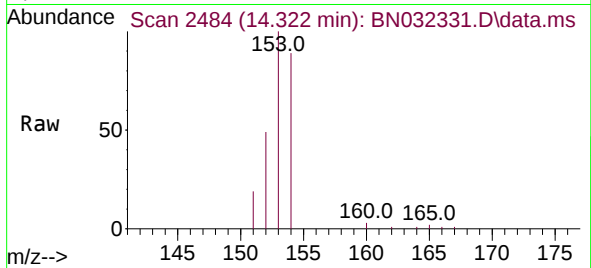
Tgt Ion:152 Resp: 9904
Ion Ratio Lower Upper
152 100
151 21.5 15.7 23.5
153 15.5 10.9 16.3





#11
Acenaphthene
Concen: 0.346 ng/ul
RT: 14.322 min Scan# 2484
Delta R.T. -0.009 min
Lab File: BN032331.D
Acq: 29 Jun 2024 02:04

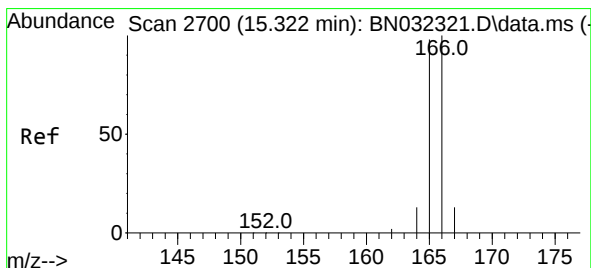
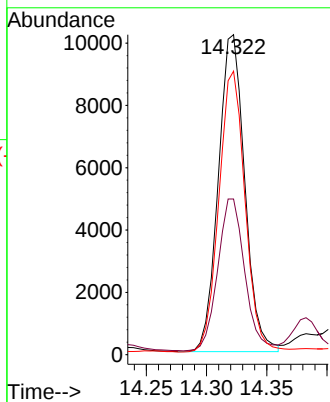
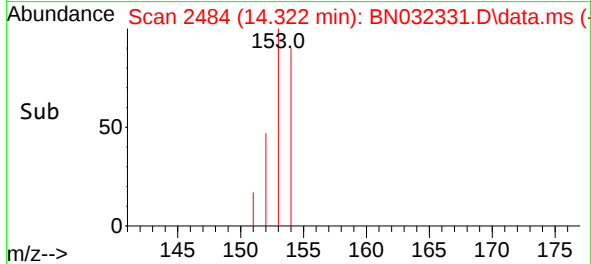
Instrument :
BNA_N
ClientSampleId :
A4CP8



Tgt Ion:153 Resp: 15549
Ion Ratio Lower Upper
153 100
152 48.7 39.5 59.3
154 88.6 71.7 107.5

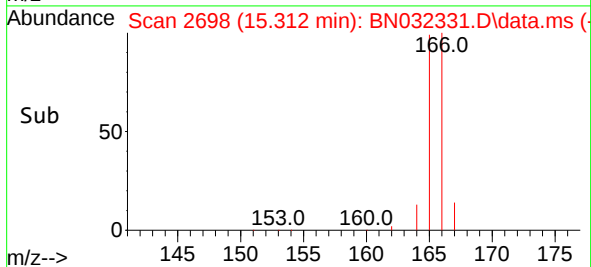
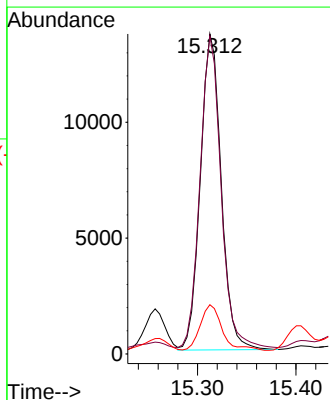
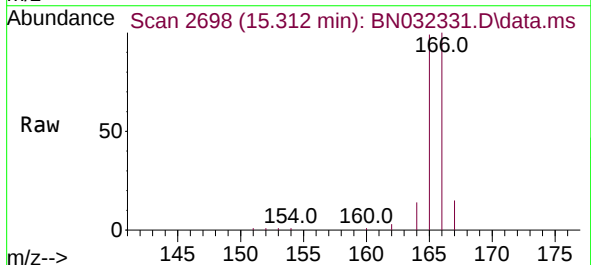
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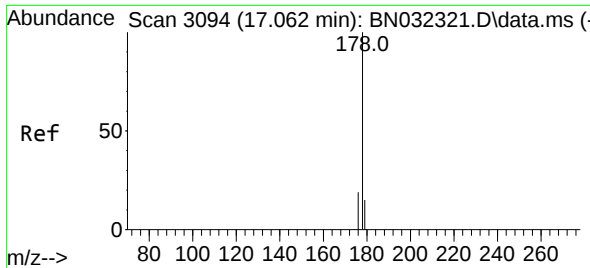
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 07/04/2024



#12
Fluorene
Concen: 0.375 ng/ul
RT: 15.312 min Scan# 2698
Delta R.T. -0.014 min
Lab File: BN032331.D
Acq: 29 Jun 2024 02:04

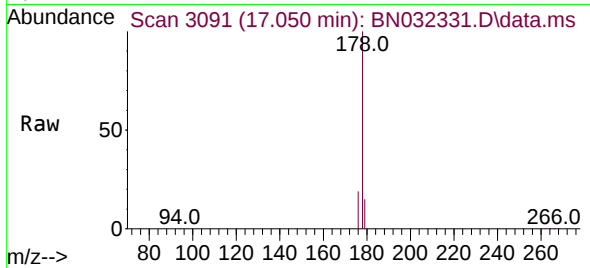
Tgt Ion:166 Resp: 20097
Ion Ratio Lower Upper
166 100
165 99.3 79.0 118.6
167 15.4 11.0 16.6





#15
Phenanthrene
Concen: 5.428 ng/ul m
RT: 17.050 min Scan# 3091
Delta R.T. -0.017 min
Lab File: BN032331.D
Acq: 29 Jun 2024 02:04

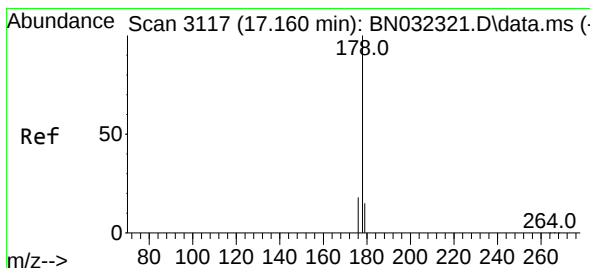
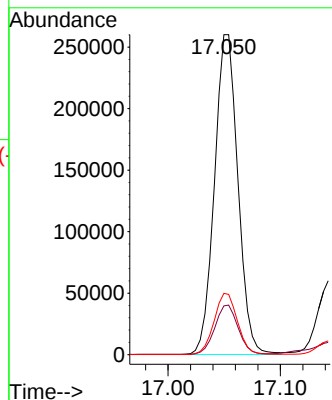
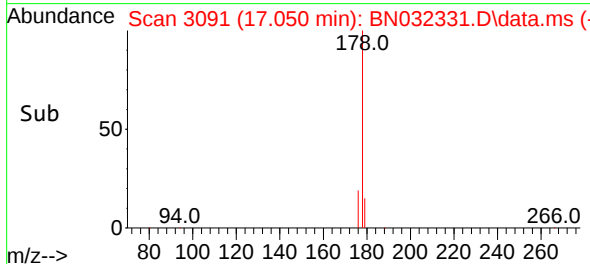
Instrument :
BNA_N
ClientSampleId :
A4CP8



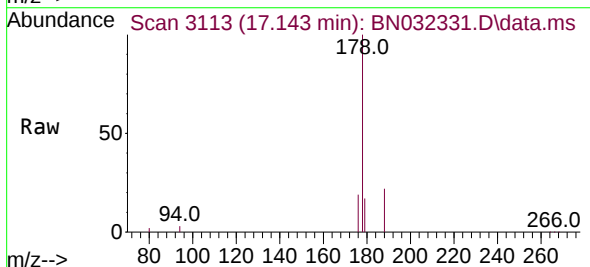
Tgt Ion:178 Resp: 377063
Ion Ratio Lower Upper
178 100
179 15.2 12.6 18.8
176 19.2 15.6 23.4

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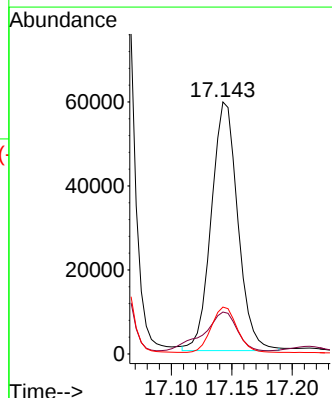
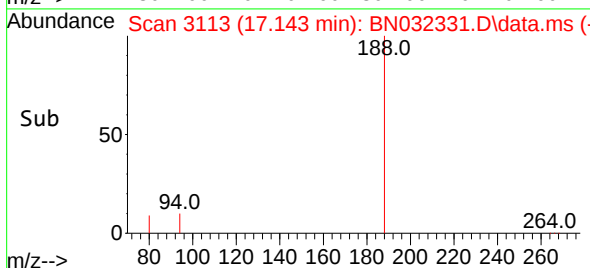
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 07/04/2024

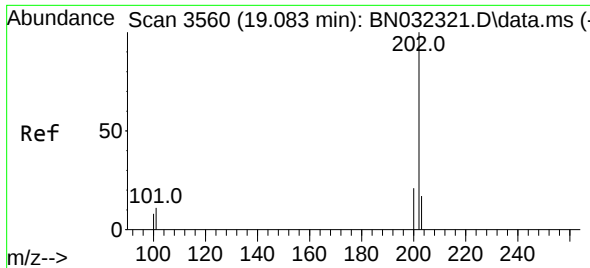


#16
Anthracene
Concen: 1.460 ng/ul m
RT: 17.143 min Scan# 3113
Delta R.T. -0.017 min
Lab File: BN032331.D
Acq: 29 Jun 2024 02:04



Tgt Ion:178 Resp: 90451
Ion Ratio Lower Upper
178 100
179 16.6 12.5 18.7
176 18.6 15.0 22.6





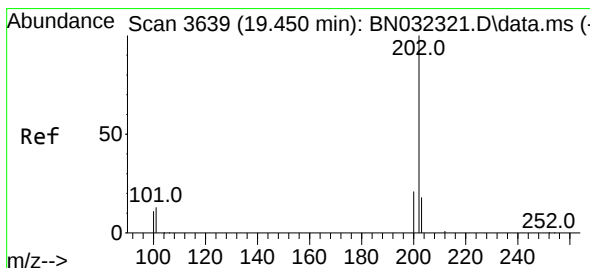
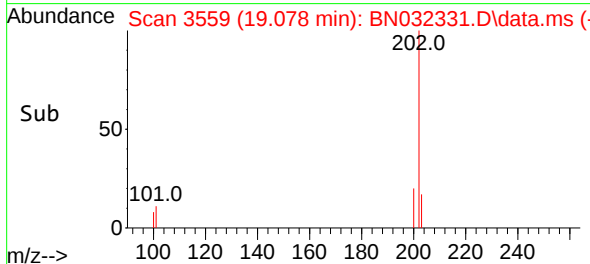
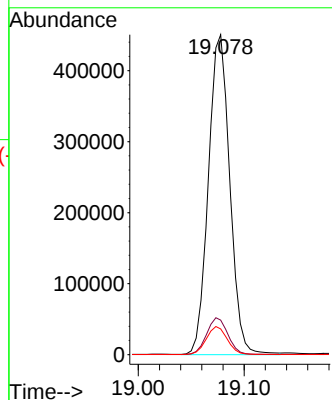
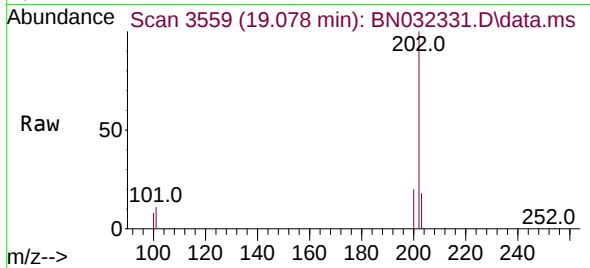
#19
Fluoranthene
Concen: 8.556 ng/ul m
RT: 19.078 min Scan# 3559
Delta R.T. -0.014 min
Lab File: BN032331.D
Acq: 29 Jun 2024 02:04

Instrument :
BNA_N
ClientSampleId :
A4CP8

Tgt Ion:202 Resp: 633918
Ion Ratio Lower Upper
202 100
101 10.8 8.8 13.2
100 8.0 6.4 9.6

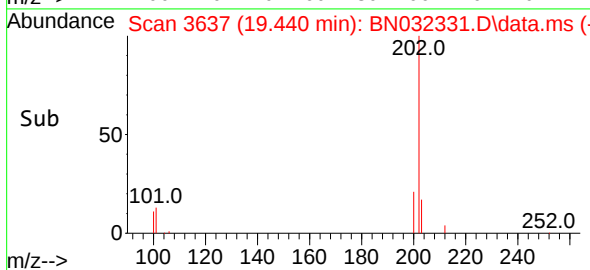
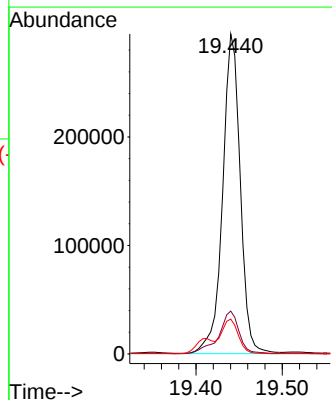
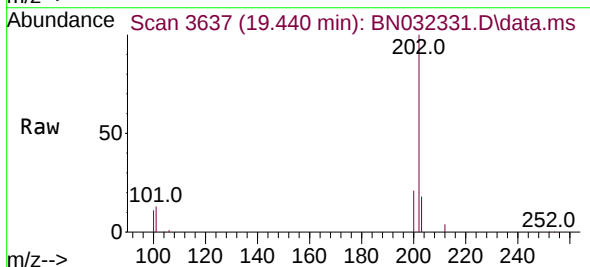
Manual Integrations
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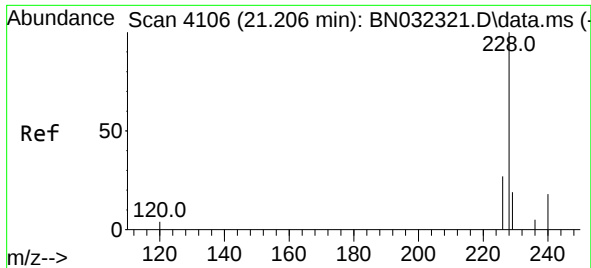
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 07/04/2024



#20
Pyrene
Concen: 5.399 ng/ul m
RT: 19.440 min Scan# 3637
Delta R.T. -0.014 min
Lab File: BN032331.D
Acq: 29 Jun 2024 02:04

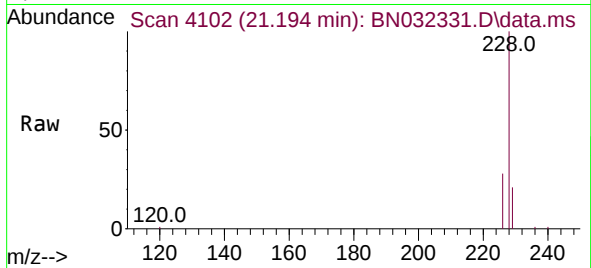
Tgt Ion:202 Resp: 418020
Ion Ratio Lower Upper
202 100
101 13.4 11.0 16.4
100 10.9 8.7 13.1





#21
Benzo(a)anthracene
Concen: 3.963 ng/ul m
RT: 21.194 min Scan# 4106
Delta R.T. -0.021 min
Lab File: BN032331.D
Acq: 29 Jun 2024 02:04

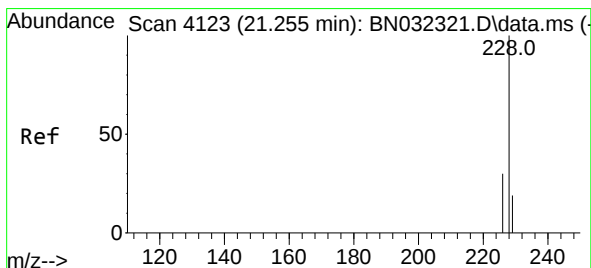
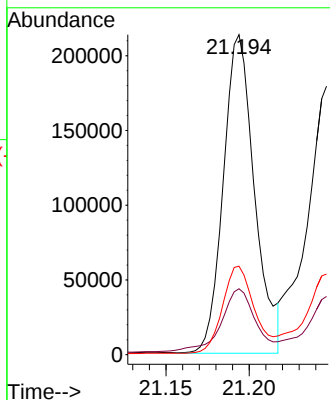
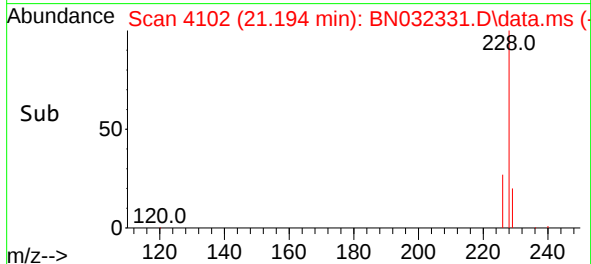
Instrument :
BNA_N
ClientSampleId :
A4CP8



Tgt Ion:228 Resp: 278300
Ion Ratio Lower Upper
228 100
229 20.6 15.7 23.5
226 27.6 21.8 32.8

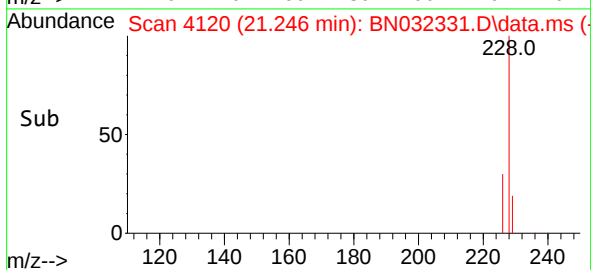
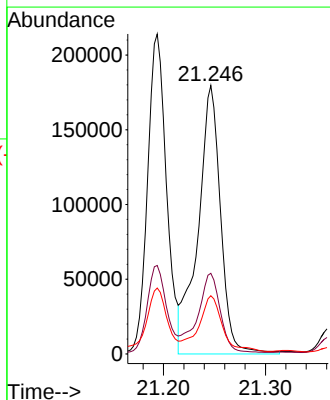
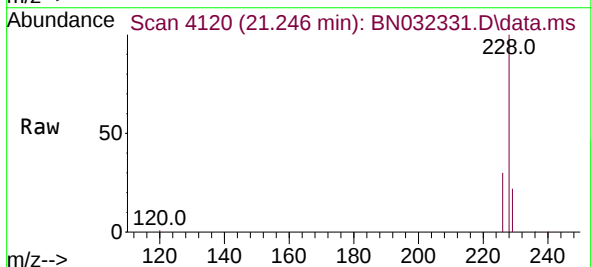
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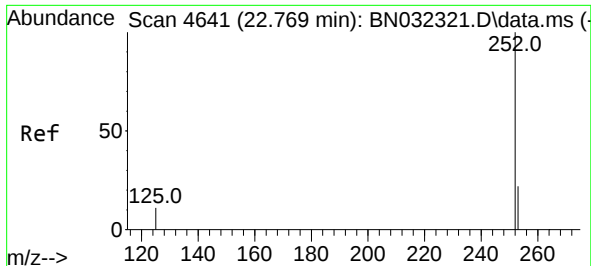
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 07/04/2024



#22
Chrysene
Concen: 3.604 ng/ul m
RT: 21.246 min Scan# 4120
Delta R.T. -0.021 min
Lab File: BN032331.D
Acq: 29 Jun 2024 02:04

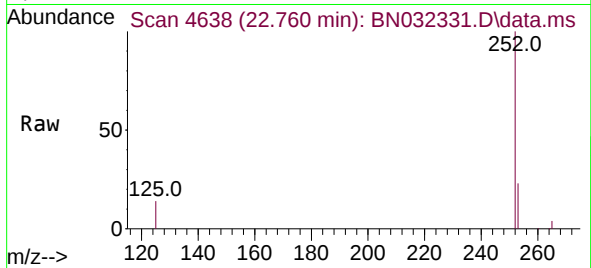
Tgt Ion:228 Resp: 277748
Ion Ratio Lower Upper
228 100
226 30.0 23.6 35.4
229 21.7 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 3.720 ng/ul m
RT: 22.760 min Scan# 4638
Delta R.T. -0.024 min
Lab File: BN032331.D
Acq: 29 Jun 2024 02:04

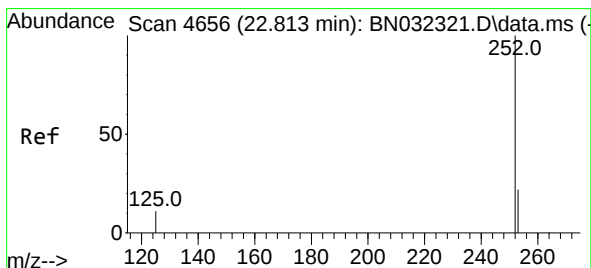
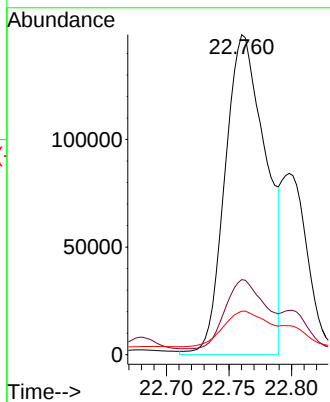
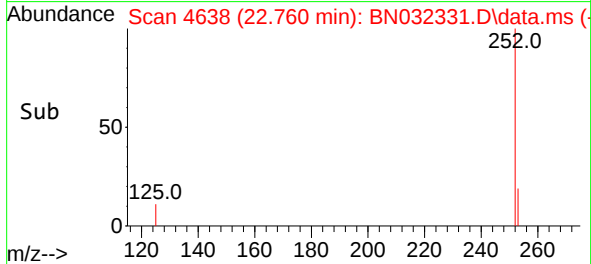
Instrument :
BNA_N
ClientSampleId :
A4CP8



Tgt Ion:252 Resp: 33759
Ion Ratio Lower Upper
252 100
253 23.5 0.0 50.2
125 13.6 0.0 32.0

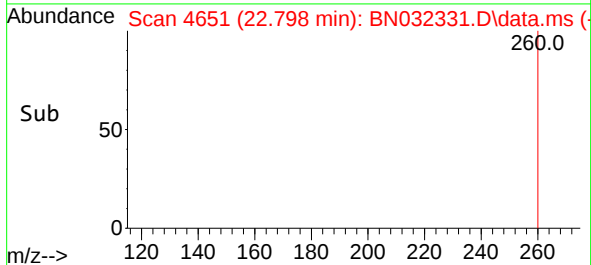
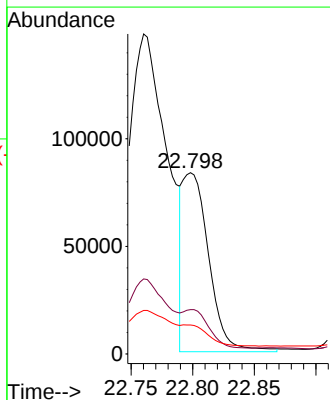
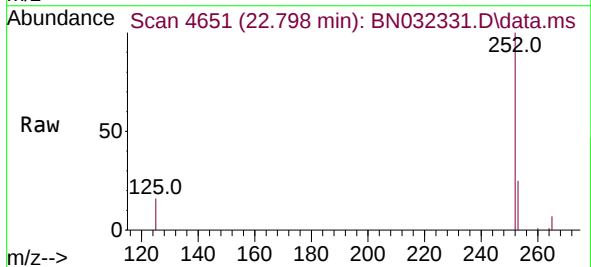
Manual Integrations
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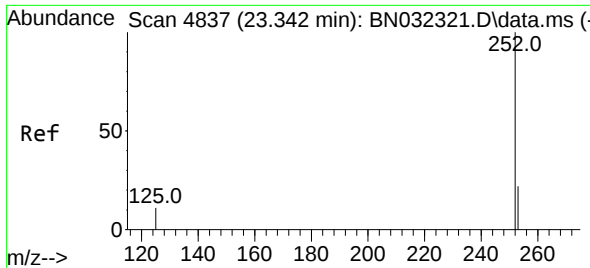
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 07/04/2024



#25
Benzo(k)fluoranthene
Concen: 1.390 ng/ul m
RT: 22.798 min Scan# 4651
Delta R.T. -0.029 min
Lab File: BN032331.D
Acq: 29 Jun 2024 02:04

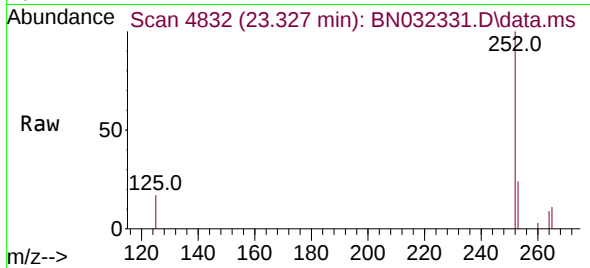
Tgt Ion:252 Resp: 122602
Ion Ratio Lower Upper
252 100
253 24.5 20.3 30.5
125 16.0 12.8 19.2





#26
Benzo(a)pyrene
Concen: 1.979 ng/ul m
RT: 23.327 min Scan# 4832
Delta R.T. -0.032 min
Lab File: BN032331.D
Acq: 29 Jun 2024 02:04

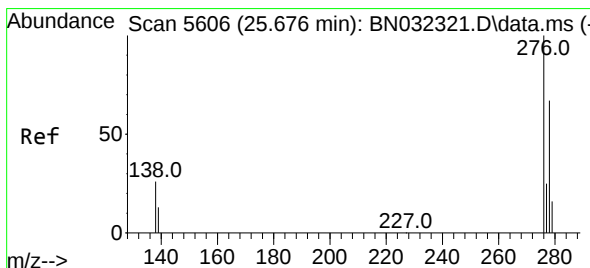
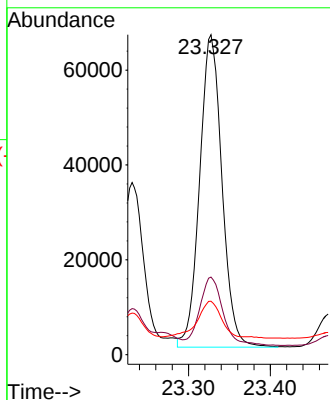
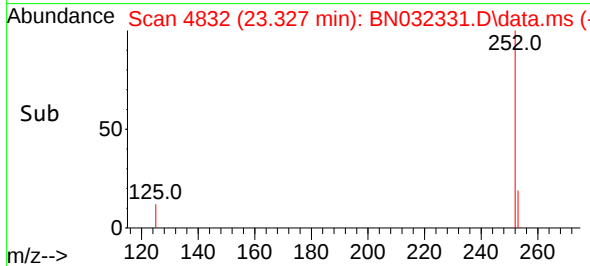
Instrument :
BNA_N
ClientSampleId :
A4CP8



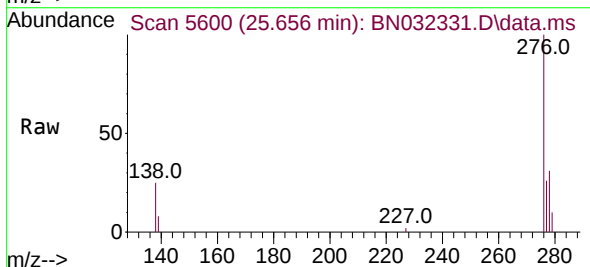
Tgt Ion:252 Resp: 124978
Ion Ratio Lower Upper
252 100
253 24.3 22.2 33.2
125 16.7 16.4 24.6

Manual Integrations
APPROVED

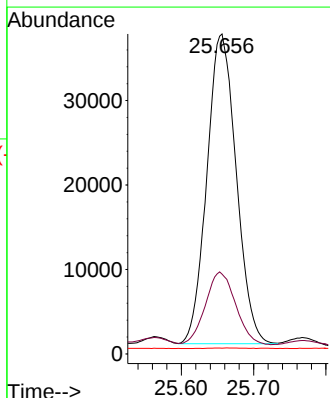
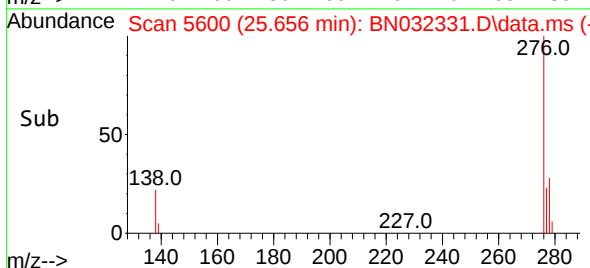
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 07/04/2024

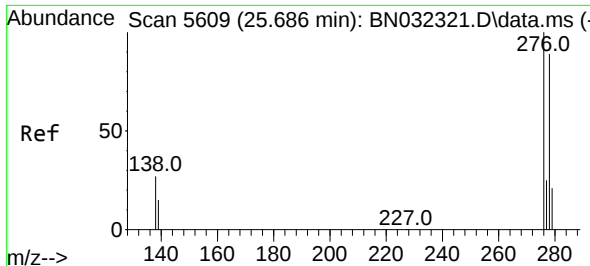


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.045 ng/ul m
RT: 25.656 min Scan# 5600
Delta R.T. -0.044 min
Lab File: BN032331.D
Acq: 29 Jun 2024 02:04



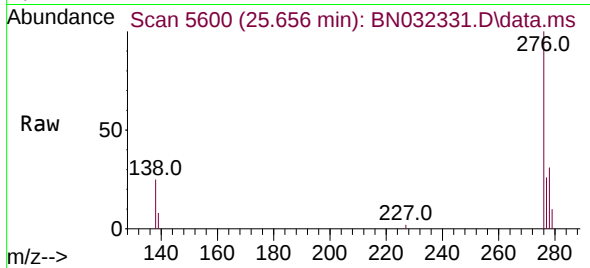
Tgt Ion:276 Resp: 103327
Ion Ratio Lower Upper
276 100
138 5.0 21.3 31.9#
227 0.1 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.526 ng/ul m
RT: 25.656 min Scan# 50
Delta R.T. -0.054 min
Lab File: BN032331.D
Acq: 29 Jun 2024 02:04

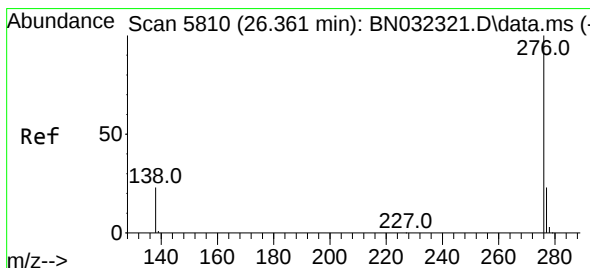
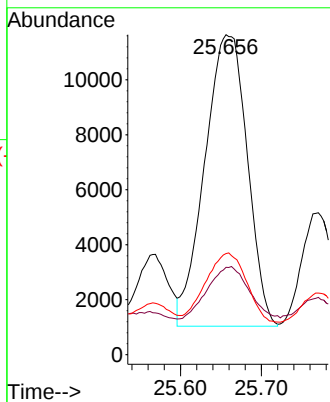
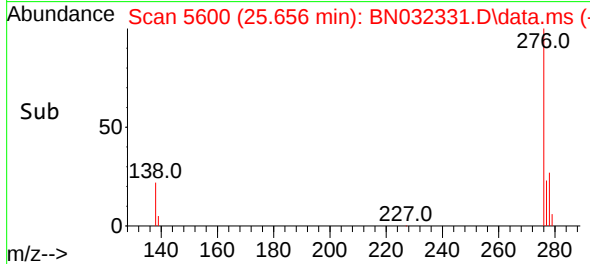
Instrument :
BNA_N
ClientSampleId :
A4CP8



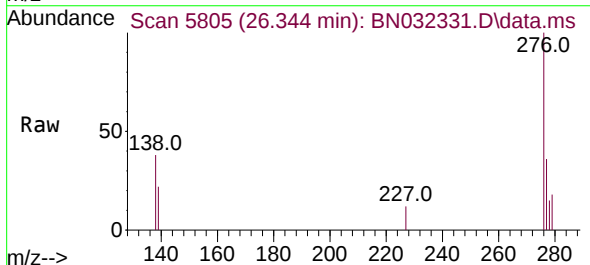
Tgt Ion:278 Resp: 38670
Ion Ratio Lower Upper
278 100
139 27.3 15.9 23.9#
279 31.6 21.1 31.7

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.204 ng/ul m
RT: 26.344 min Scan# 5805
Delta R.T. -0.037 min
Lab File: BN032331.D
Acq: 29 Jun 2024 02:04



Tgt Ion:276 Resp: 16054
Ion Ratio Lower Upper
276 100
138 37.8 19.8 29.6#
277 35.9 19.8 29.6#

