

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
 Data File : BN032529.D
 Acq On : 06 Jul 2024 03:58
 Operator : MA/JU
 Sample : P3065-07DL 5X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CD3DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/08/2024

Quant Time: Jul 06 04:23:04 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 : Wed Jul 03 03:26:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.591	152	5805	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.371	136	16501	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.239	164	9228	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.999	188	18005	0.400	ng/ul	0.00
17) Chrysene-d12	21.203	240	17622	0.400	ng/ul	0.00
23) Perylene-d12	23.418	264	20886	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	3977	0.616	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.977	152	973	0.039	ng/ul	0.00
18) Fluoranthene-d10	19.031	212	2190	0.041	ng/ul	-0.01
Target Compounds					Qvalue	
5) Naphthalene	10.420	128	2832	0.065	ng/ul#	87
7) 2-Methylnaphthalene	12.054	142	1198	0.041	ng/ul	96
8) 1-Methylnaphthalene	12.268	142	973	0.032	ng/ul	100
10) Acenaphthylene	13.962	152	7528	0.196	ng/ul	96
11) Acenaphthene	14.304	153	3095	0.104	ng/ul	98
12) Fluorene	15.299	166	3637	0.102	ng/ul#	96
15) Phenanthrene	17.037	178	74017	1.499	ng/ul	99
16) Anthracene	17.130	178	17145	0.389	ng/ul	98
19) Fluoranthene	19.064	202	151178	2.253	ng/ul	98
20) Pyrene	19.427	202	111998	1.597	ng/ul	99
21) Benzo(a)anthracene	21.185	228	69439	1.092	ng/ul	98
22) Chrysene	21.238	228	77621	1.112	ng/ul	97
24) Benzo(b)fluoranthene	22.754	252	113242m	1.248	ng/ul	
25) Benzo(k)fluoranthene	22.790	252	40174m	0.456	ng/ul	
26) Benzo(a)pyrene	23.319	252	40261	0.638	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.646	276	40343	0.408	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.650	278	13566	0.185	ng/ul#	68
29) Benzo(g,h,i)perylene	26.340	276	6128	0.078	ng/ul#	68

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

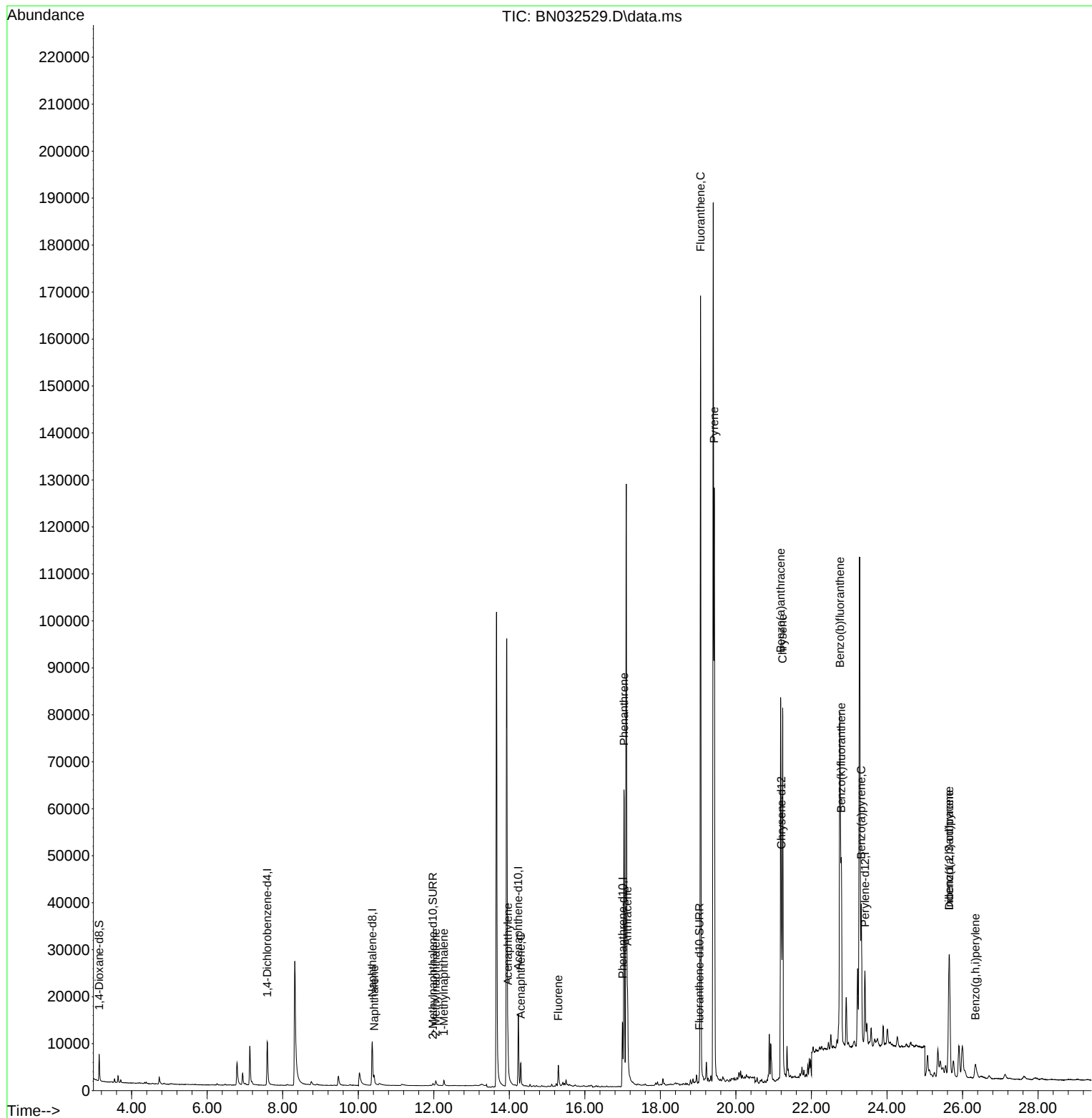
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
Data File : BN032529.D
Acq On : 06 Jul 2024 03:58
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Sample : P3065-07DL 5X
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ALS Vial : 29 Sample Multiplier: 1

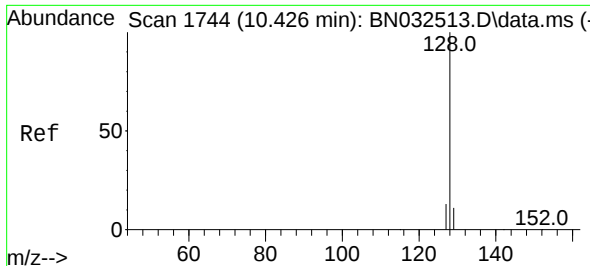
Instrument :
BNA_N
ClientSampleId :
A4CD3DL

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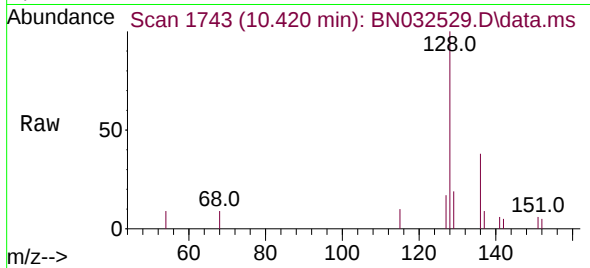
Quant Time: Jul 06 04:23:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.065 ng/ul
RT: 10.420 min Scan# 1743
Delta R.T. -0.011 min
Lab File: BN032529.D
Acq: 06 Jul 2024 03:58

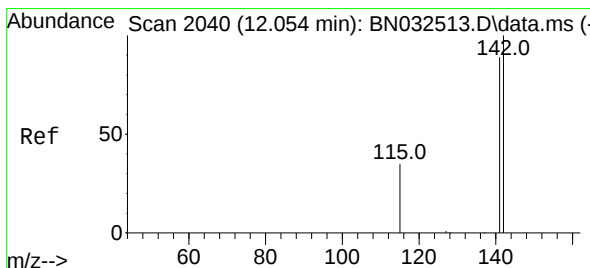
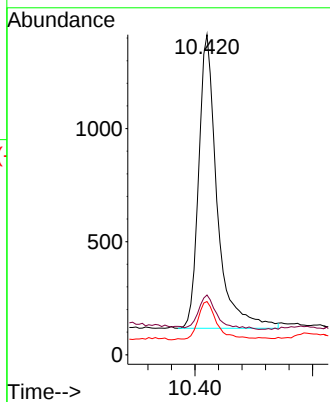
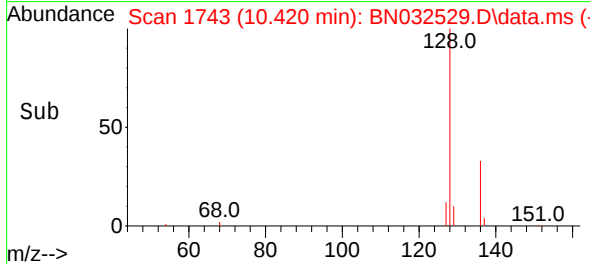
Instrument :
BNA_N
ClientSampleId :
A4CD3DL



Tgt Ion:128 Resp: 283
Ion Ratio Lower Upper
128 100
129 18.7 9.2 13.8
127 16.6 10.8 16.2

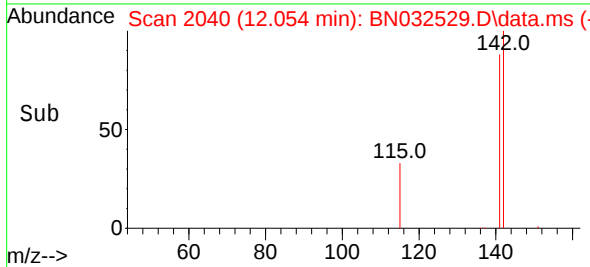
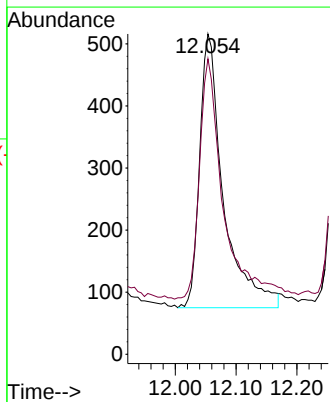
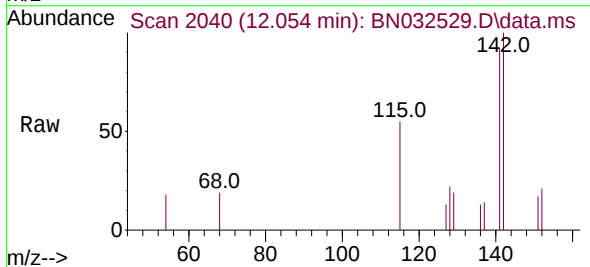
Manual Integrations
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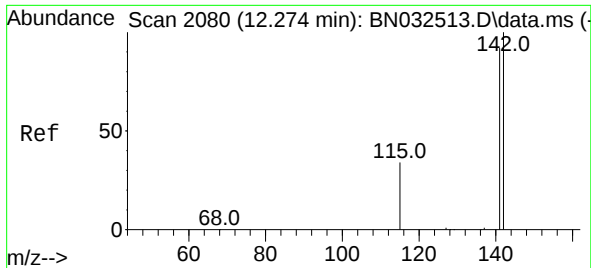
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#7
2-Methylnaphthalene
Concen: 0.041 ng/ul
RT: 12.054 min Scan# 2040
Delta R.T. 0.000 min
Lab File: BN032529.D
Acq: 06 Jul 2024 03:58

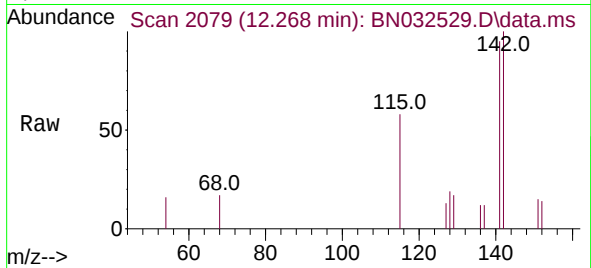
Tgt Ion:142 Resp: 1198
Ion Ratio Lower Upper
142 100
141 86.7 72.2 108.2





#8
1-Methylnaphthalene
Concen: 0.032 ng/ul
RT: 12.268 min Scan# 2080
Delta R.T. -0.005 min
Lab File: BN032529.D
Acq: 06 Jul 2024 03:58

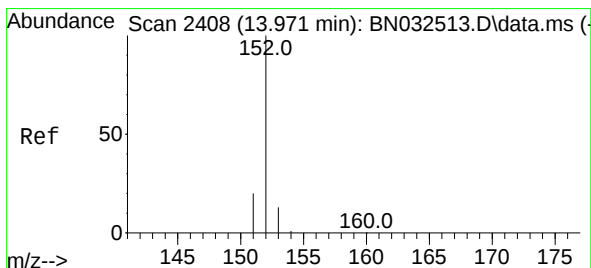
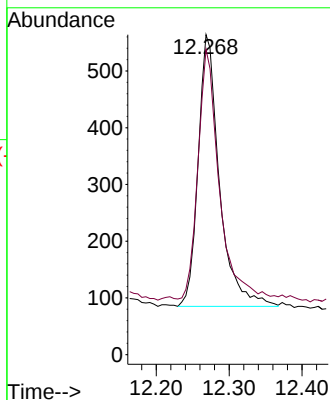
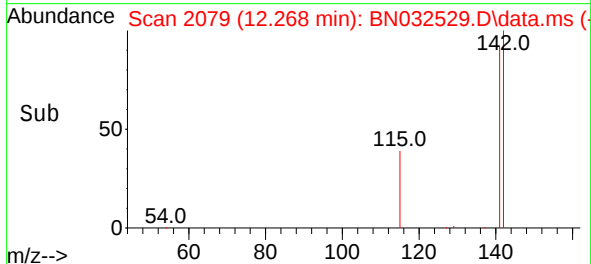
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 973
Ion Ratio Lower Upper
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141 92.0 73.4 110.0

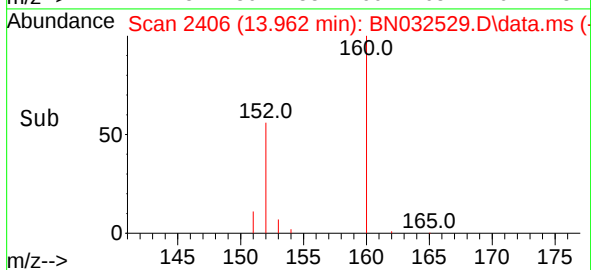
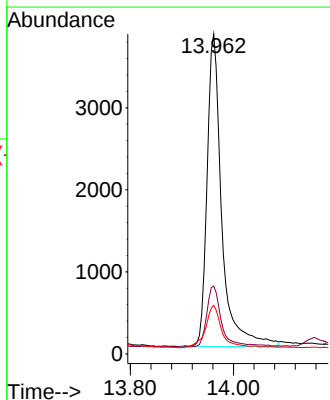
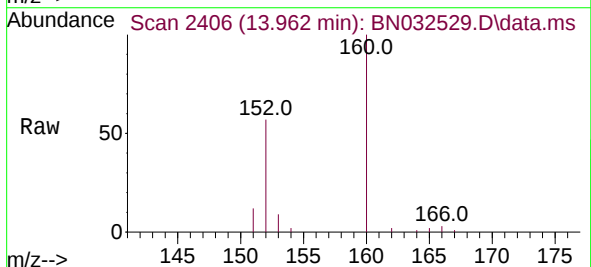
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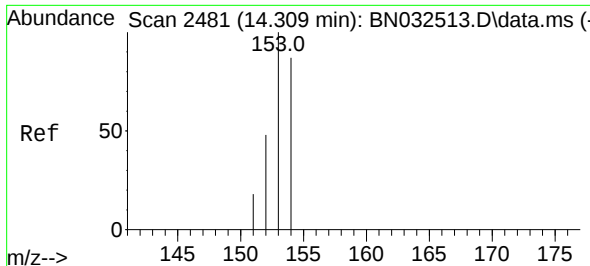
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#10
Acenaphthylene
Concen: 0.196 ng/ul
RT: 13.962 min Scan# 2406
Delta R.T. -0.009 min
Lab File: BN032529.D
Acq: 06 Jul 2024 03:58

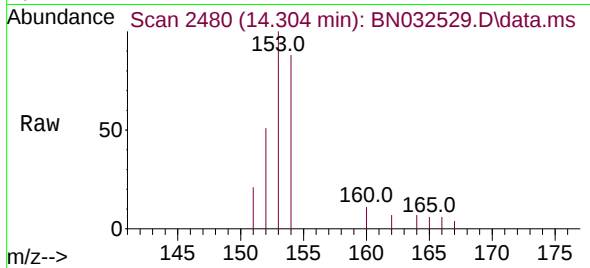
Tgt Ion:152 Resp: 7528
Ion Ratio Lower Upper
152 100
151 21.2 15.7 23.5
153 15.2 10.9 16.3





#11
Acenaphthene
Concen: 0.104 ng/ul
RT: 14.304 min Scan# 2481
Delta R.T. -0.009 min
Lab File: BN032529.D
Acq: 06 Jul 2024 03:58

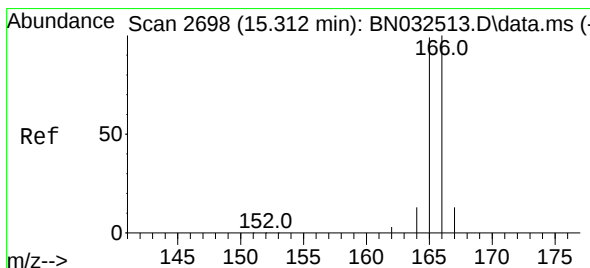
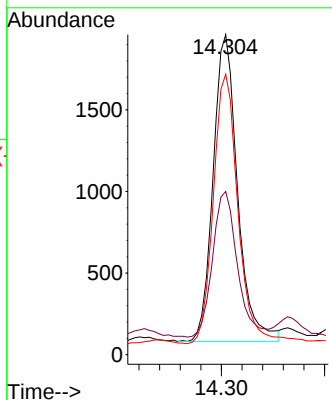
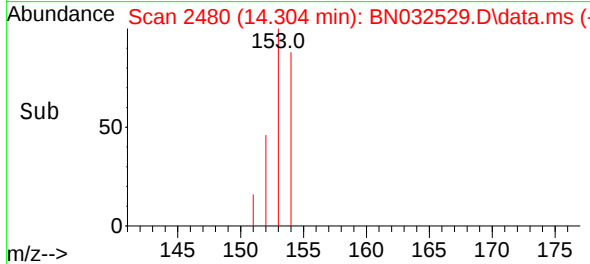
Instrument :
BNA_N
ClientSampleId :
A4CD3DL



Tgt Ion:153 Resp: 3094
Ion Ratio Lower Upper
153 100
152 51.0 39.5 59.3
154 87.7 71.7 107.5

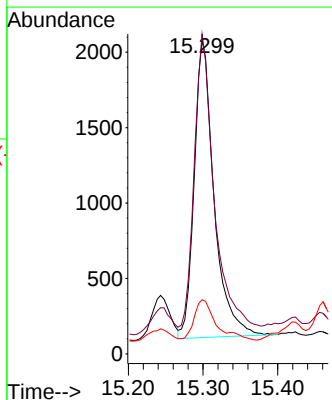
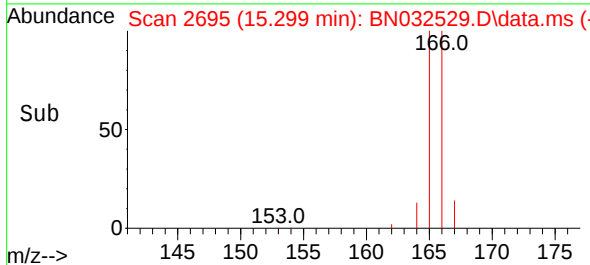
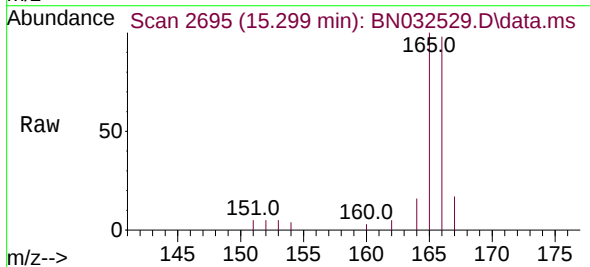
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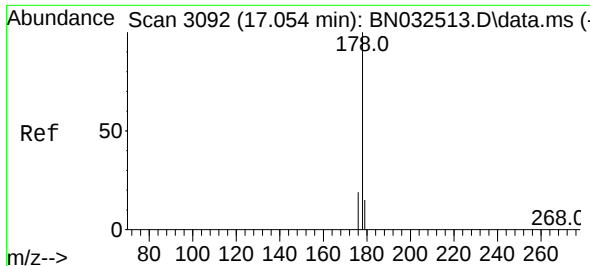
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#12
Fluorene
Concen: 0.102 ng/ul
RT: 15.299 min Scan# 2695
Delta R.T. -0.014 min
Lab File: BN032529.D
Acq: 06 Jul 2024 03:58

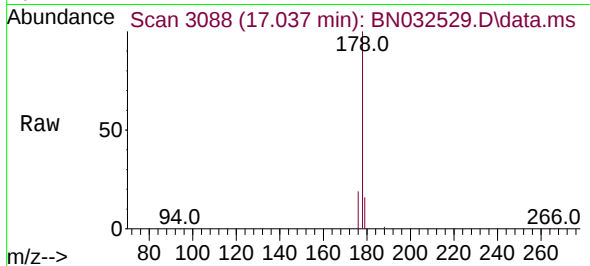
Tgt Ion:166 Resp: 3637
Ion Ratio Lower Upper
166 100
165 102.1 79.0 118.6
167 17.3 11.0 16.6#





#15
Phenanthrene
Concen: 1.499 ng/ul
RT: 17.037 min Scan# 3092
Delta R.T. -0.013 min
Lab File: BN032529.D
Acq: 06 Jul 2024 03:58

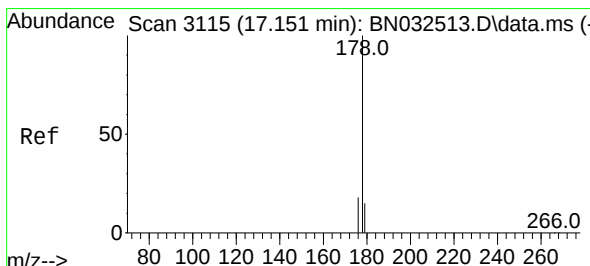
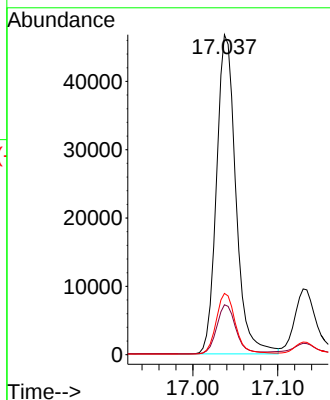
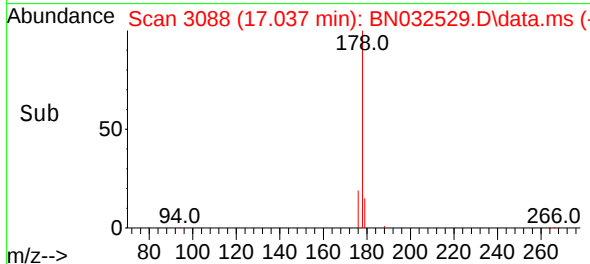
Instrument :
BNA_N
ClientSampleId :
A4CD3DL



Tgt Ion:178 Resp: 7401
Ion Ratio Lower Upper
178 100
179 15.6 12.6 18.8
176 19.1 15.6 23.4

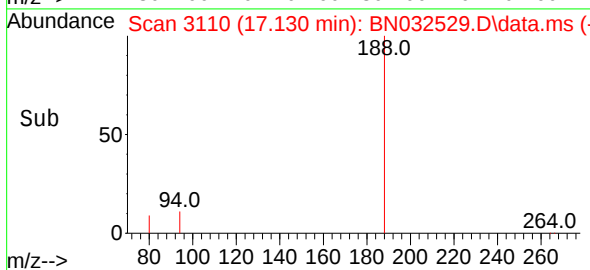
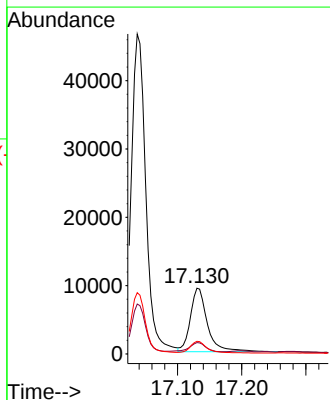
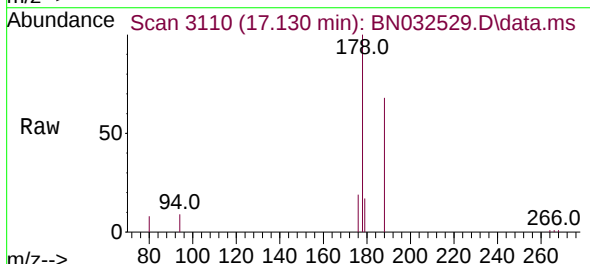
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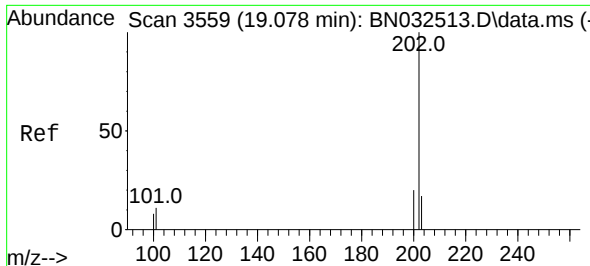
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#16
Anthracene
Concen: 0.389 ng/ul
RT: 17.130 min Scan# 3110
Delta R.T. -0.013 min
Lab File: BN032529.D
Acq: 06 Jul 2024 03:58

Tgt Ion:178 Resp: 17145
Ion Ratio Lower Upper
178 100
179 17.3 12.5 18.7
176 19.1 15.0 22.6





#19

Fluoranthene

Concen: 2.253 ng/ul

RT: 19.064 min Scan# 3559

Delta R.T. -0.009 min

Lab File: BN032529.D

Acq: 06 Jul 2024 03:58

Instrument :

BNA_N

ClientSampleId :

A4CD3DL

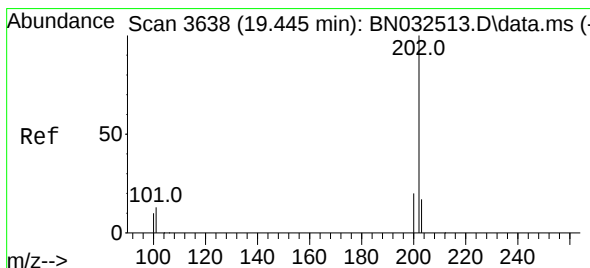
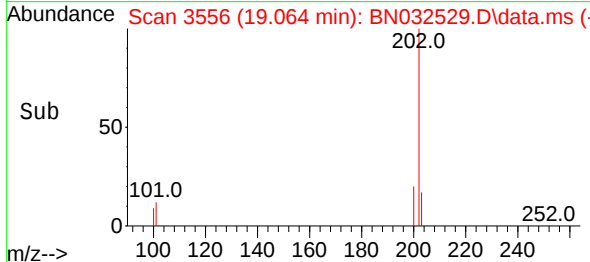
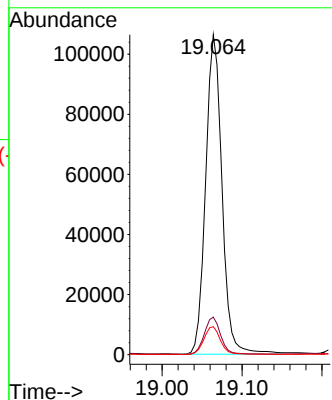
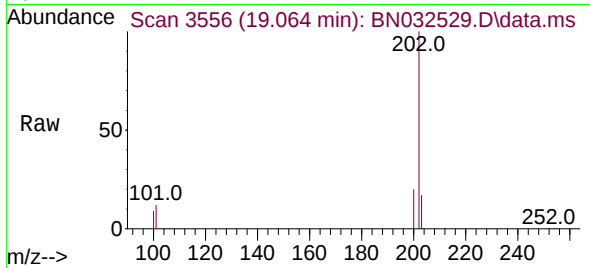
Tgt Ion:202 Resp: 151178
Ion Ratio Lower Upper
202 100
101 11.8 8.8 13.2
100 8.7 6.4 9.6

Manual Integrations

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Supervised By :mohammad ahmed 07/08/2024



#20

Pyrene

Concen: 1.597 ng/ul

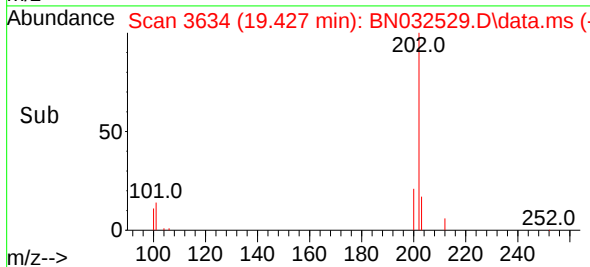
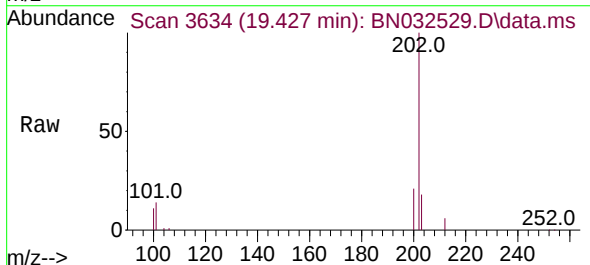
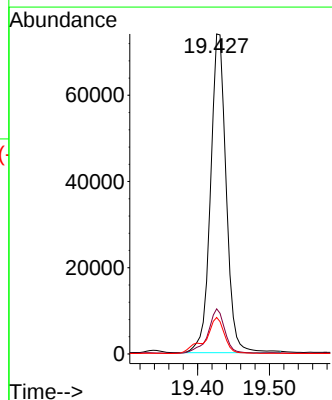
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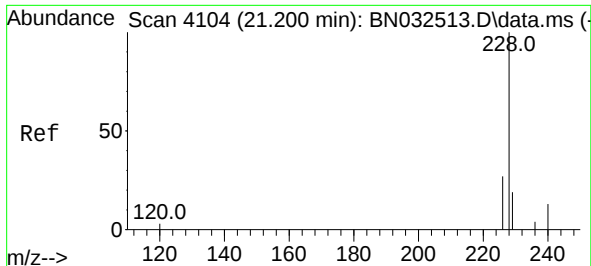
Delta R.T. -0.014 min

Lab File: BN032529.D

Acq: 06 Jul 2024 03:58

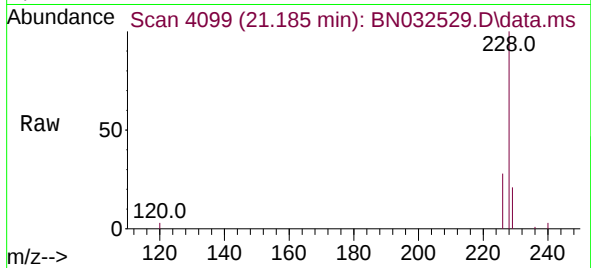
Tgt Ion:202 Resp: 111998
Ion Ratio Lower Upper
202 100
101 14.1 11.0 16.4
100 11.4 8.7 13.1





#21
Benzo(a)anthracene
Concen: 1.092 ng/ul
RT: 21.185 min Scan# 4104
Delta R.T. -0.006 min
Lab File: BN032529.D
Acq: 06 Jul 2024 03:58

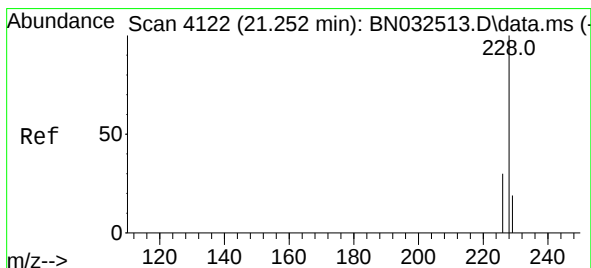
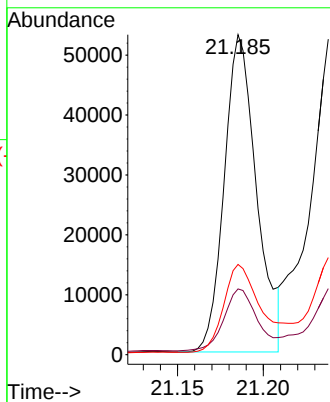
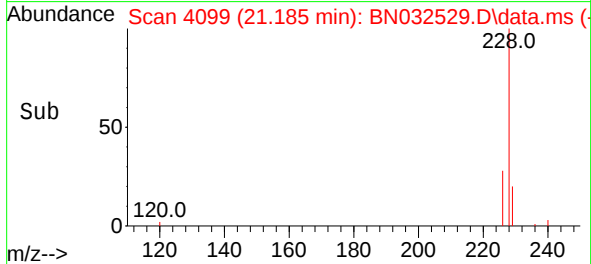
Instrument :
BNA_N
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A4CD3DL



Tgt Ion:228 Resp: 69439
Ion Ratio Lower Upper
228 100
229 20.6 15.7 23.5
226 28.2 21.8 32.8

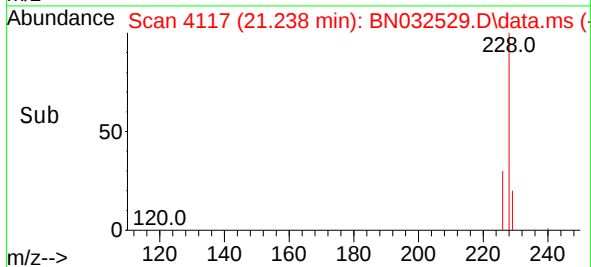
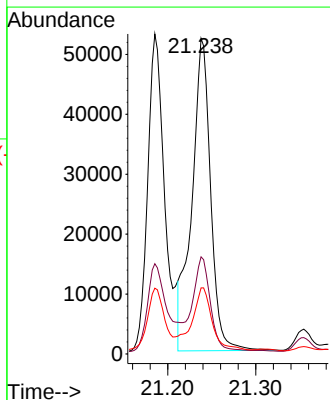
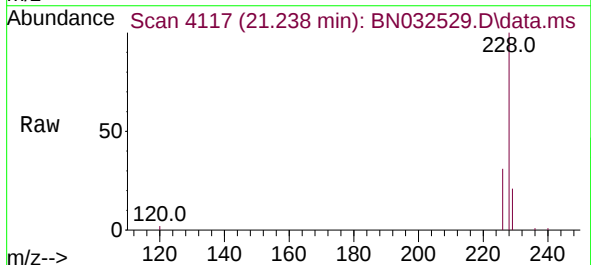
Manual Integrations
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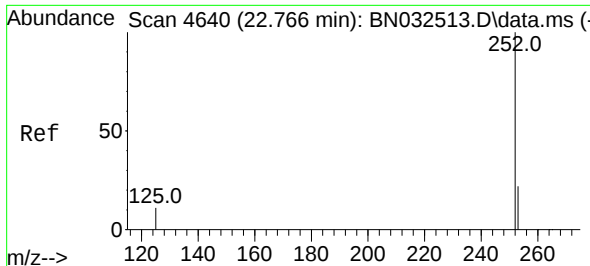
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#22
Chrysene
Concen: 1.112 ng/ul
RT: 21.238 min Scan# 4117
Delta R.T. -0.006 min
Lab File: BN032529.D
Acq: 06 Jul 2024 03:58

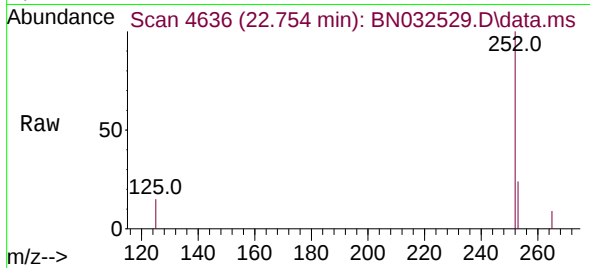
Tgt Ion:228 Resp: 77621
Ion Ratio Lower Upper
228 100
226 30.8 23.6 35.4
229 20.9 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 1.248 ng/ul m
RT: 22.754 min Scan# 4636
Delta R.T. -0.003 min
Lab File: BN032529.D
Acq: 06 Jul 2024 03:58

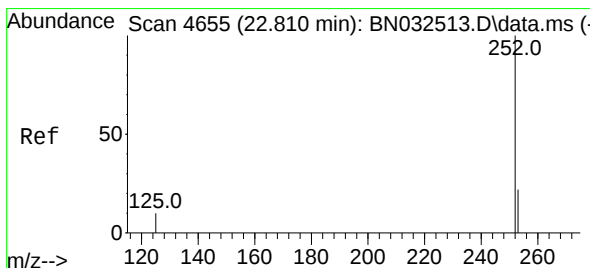
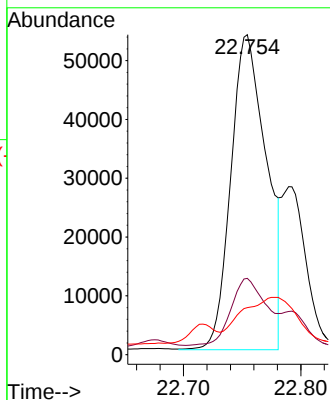
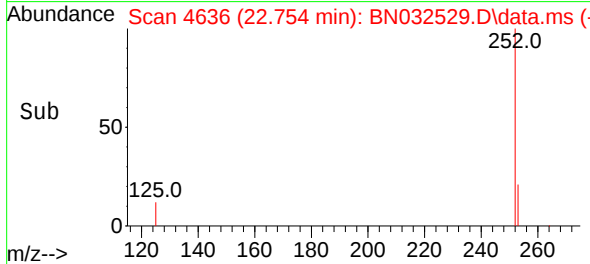
Instrument :
BNA_N
ClientSampleId :
A4CD3DL



Tgt Ion:252 Resp: 11324
Ion Ratio Lower Upper
252 100
253 23.9 0.0 50.2
125 14.7 0.0 32.0

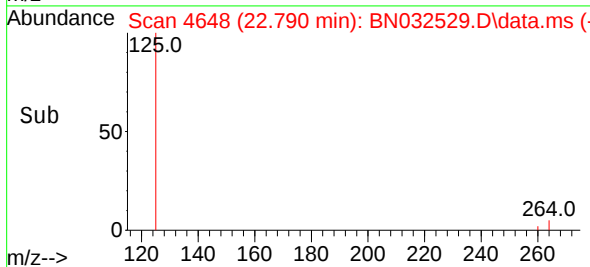
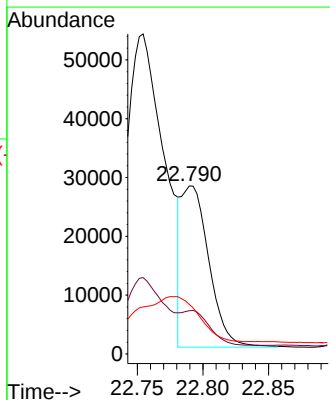
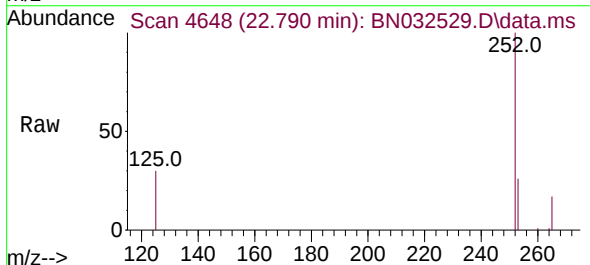
Manual Integrations
APPROVED

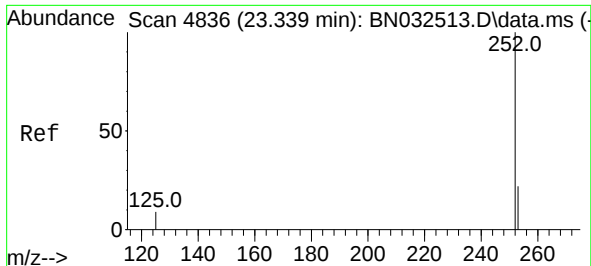
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#25
Benzo(k)fluoranthene
Concen: 0.456 ng/ul m
RT: 22.790 min Scan# 4648
Delta R.T. -0.012 min
Lab File: BN032529.D
Acq: 06 Jul 2024 03:58

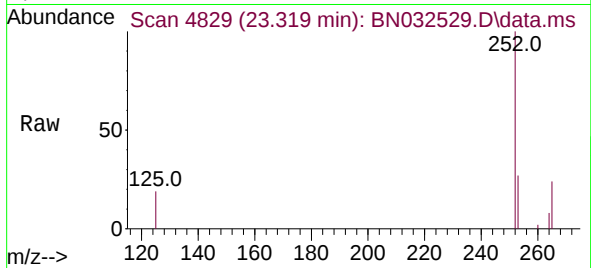
Tgt Ion:252 Resp: 40174
Ion Ratio Lower Upper
252 100
253 25.7 20.3 30.5
125 29.5 12.8 19.2#





#26
Benzo(a)pyrene
Concen: 0.638 ng/ul
RT: 23.319 min Scan# 4829
Delta R.T. -0.009 min
Lab File: BN032529.D
Acq: 06 Jul 2024 03:58

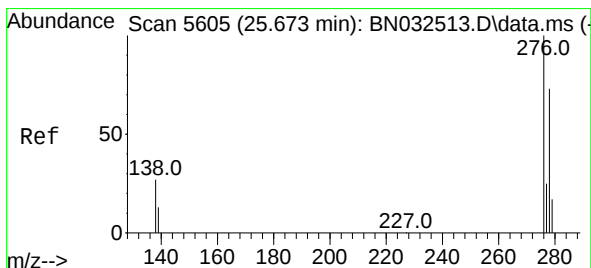
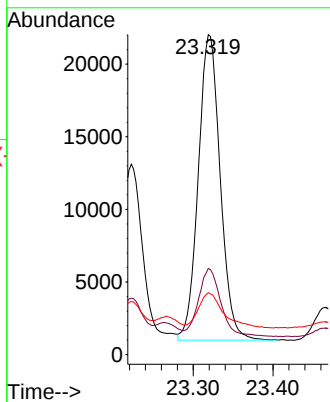
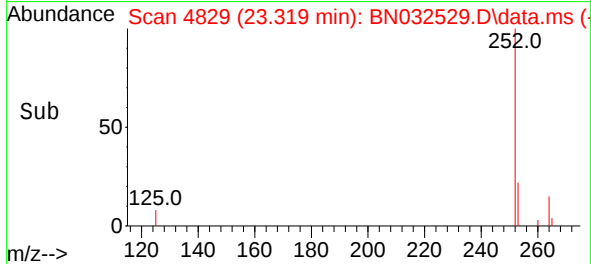
Instrument :
BNA_N
ClientSampleId :
A4CD3DL



Tgt Ion:252 Resp: 4026
Ion Ratio Lower Upper
252 100
253 26.9 22.2 33.2
125 19.3 16.4 24.6

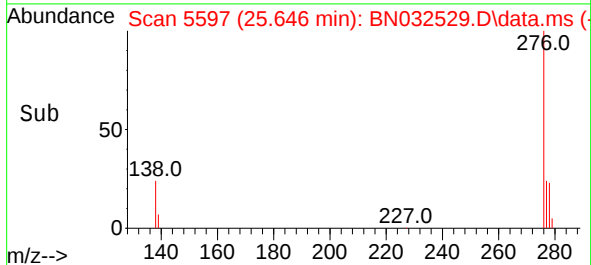
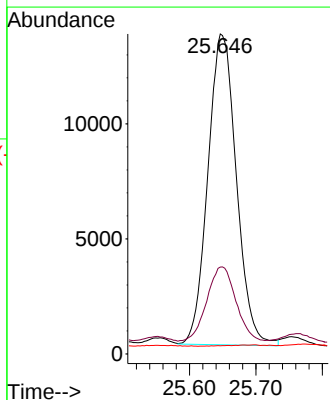
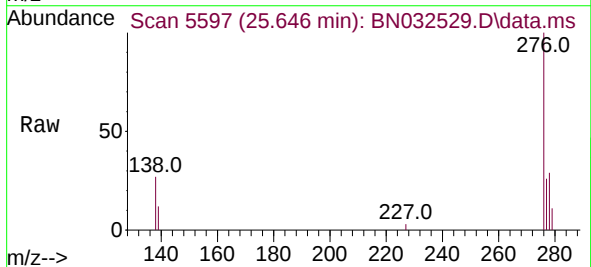
Manual Integrations
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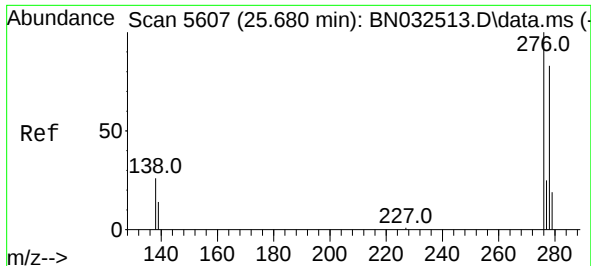
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.408 ng/ul
RT: 25.646 min Scan# 5597
Delta R.T. -0.013 min
Lab File: BN032529.D
Acq: 06 Jul 2024 03:58

Tgt Ion:276 Resp: 40343
Ion Ratio Lower Upper
276 100
138 24.8 21.3 31.9
227 0.1 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.185 ng/ul

RT: 25.650 min Scan# 5598

Delta R.T. -0.017 min

Lab File: BN032529.D

Acq: 06 Jul 2024 03:58

Instrument :

BNA_N

ClientSampleId :

A4CD3DL

Tgt Ion:278 Resp: 1356

Ion Ratio Lower Upper

278 100

139 43.3 15.9 23.9

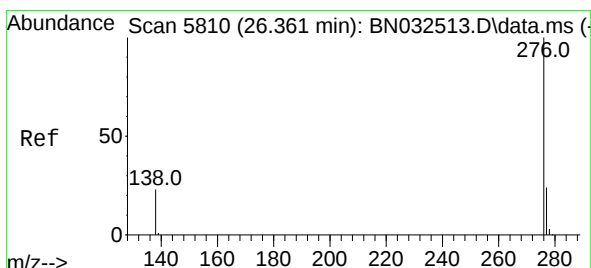
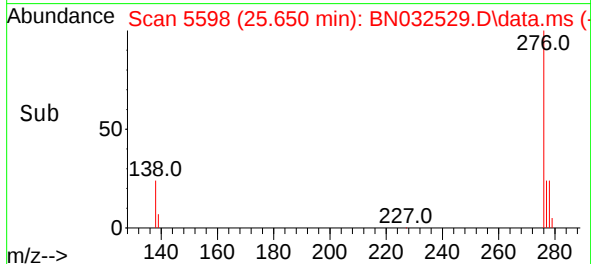
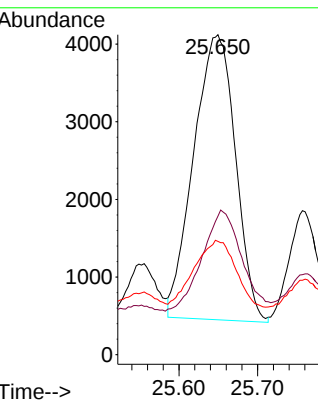
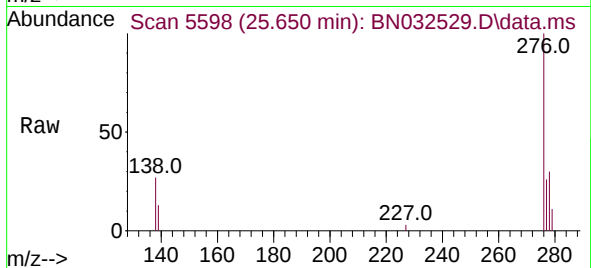
279 35.4 21.1 31.7

Manual Integrations

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Reviewed By :Yogesh Patel 07/08/2024

Supervised By :mohammad ahmed 07/08/2024



#29

Benzo(g,h,i)perylene

Concen: 0.078 ng/ul

RT: 26.340 min Scan# 5804

Delta R.T. -0.003 min

Lab File: BN032529.D

Acq: 06 Jul 2024 03:58

Tgt Ion:276 Resp: 6128

Ion Ratio Lower Upper

276 100

138 41.4 19.8 29.6

277 39.7 19.8 29.6

