

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032462.D
 Acq On : 04 Jul 2024 07:22
 Operator : MA/JU
 Sample : P2963-17DL 5X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CS8DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024

Quant Time: Jul 04 07:46:59 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	7.599	152	7367	0.400	ng/ul	0.00
4) Naphthalene-d8	10.375	136	22223	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.247	164	12253	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.002	188	21871	0.400	ng/ul	0.00
17) Chrysene-d12	21.207	240	17266	0.400	ng/ul	0.00
23) Perylene-d12	23.420	264	21039	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	7022	0.858	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.975	152	1800	0.054	ng/ul	0.00
18) Fluoranthene-d10	19.039	212	3122	0.060	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.425	128	6449	0.110	ng/ul#	95
7) 2-Methylnaphthalene	12.052	142	2554	0.066	ng/ul	99
8) 1-Methylnaphthalene	12.272	142	1483	0.037	ng/ul	97
10) Acenaphthylene	13.965	152	12287	0.241	ng/ul	98
11) Acenaphthene	14.307	153	1748	0.044	ng/ul	95
12) Fluorene	15.302	166	2443	0.052	ng/ul#	96
15) Phenanthrene	17.044	178	55124	0.919	ng/ul	99
16) Anthracene	17.137	178	16338	0.305	ng/ul	98
19) Fluoranthene	19.072	202	107359	1.633	ng/ul	100
20) Pyrene	19.434	202	85225	1.240	ng/ul	99
21) Benzo(a)anthracene	21.190	228	54315	0.872	ng/ul	95
22) Chrysene	21.242	228	68388	1.000	ng/ul	96
24) Benzo(b)fluoranthene	22.756	252	96229m	1.053	ng/ul	
25) Benzo(k)fluoranthene	22.797	252	32653m	0.368	ng/ul	
26) Benzo(a)pyrene	23.323	252	33476	0.526	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.652	276	37662	0.378	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.652	278	13341	0.180	ng/ul#	67
29) Benzo(g,h,i)perylene	26.339	276	5470	0.069	ng/ul#	61

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

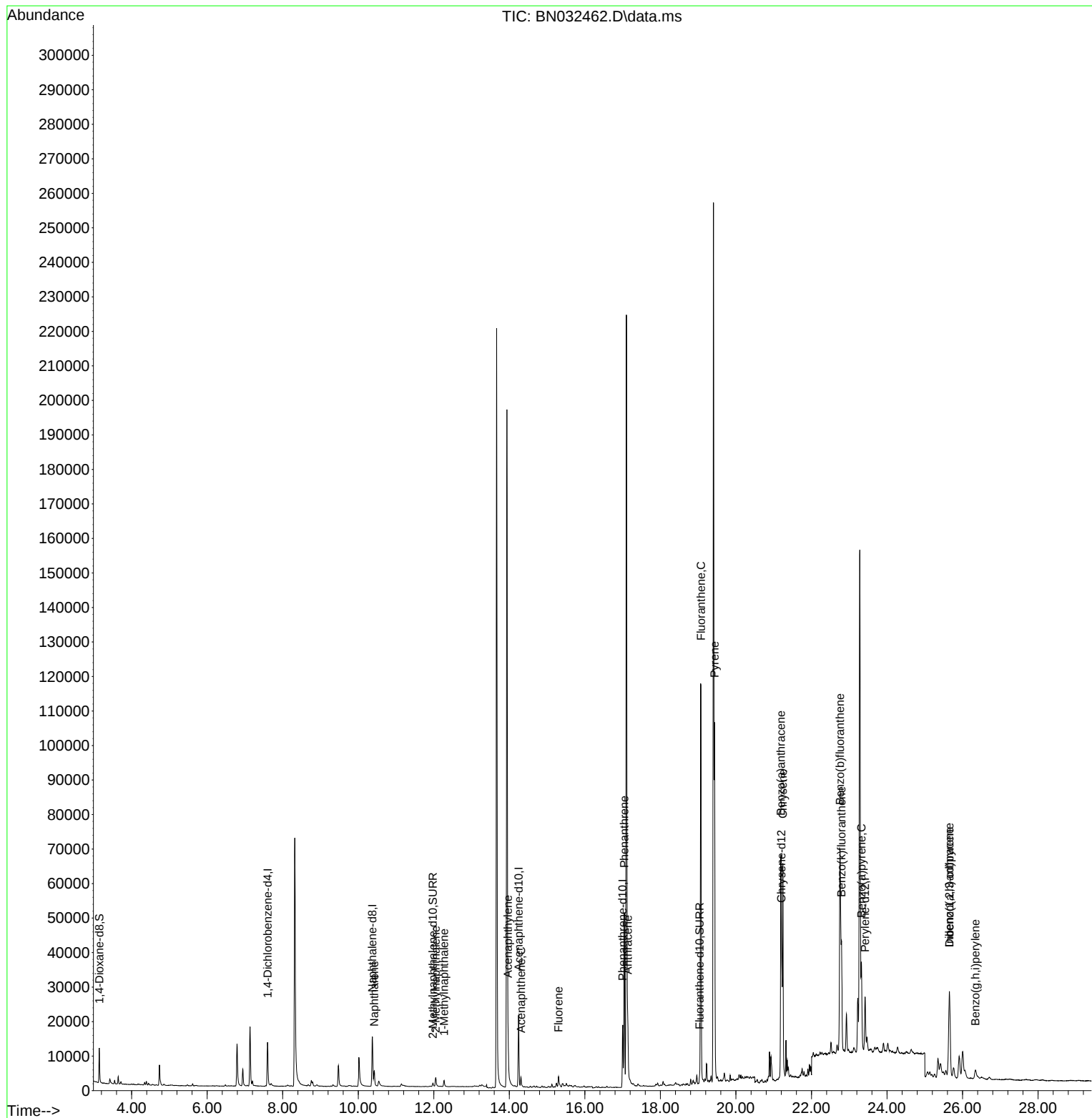
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032462.D
Acq On : 04 Jul 2024 07:22
Operator : MA/JU
Sample : P2963-17DL 5X
Misc :
ALS Vial : 34 Sample Multiplier: 1

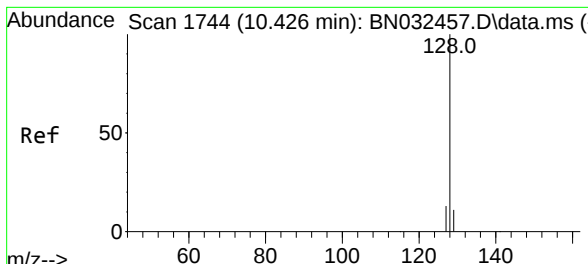
Instrument :
BNA_N
ClientSampleId :
A4CS8DL

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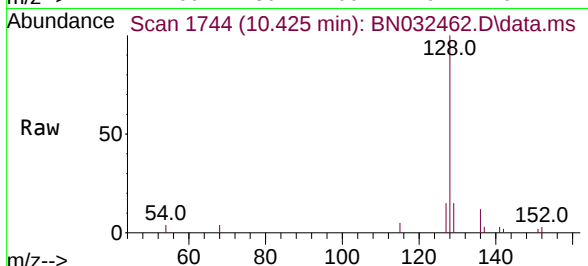
Quant Time: Jul 04 07:46:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.110 ng/ul
RT: 10.425 min Scan# 1744
Delta R.T. -0.007 min
Lab File: BN032462.D
Acq: 04 Jul 2024 07:22

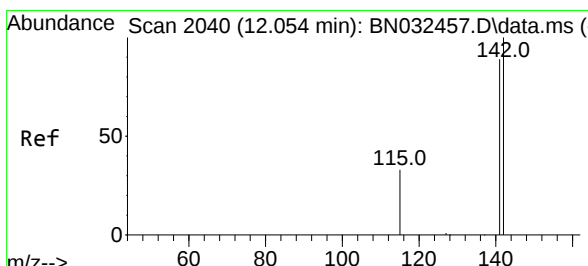
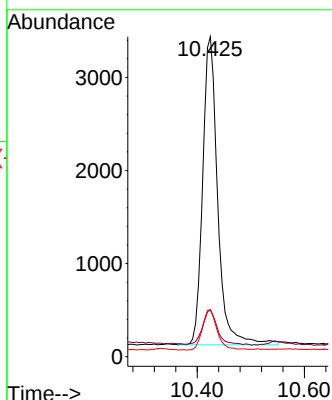
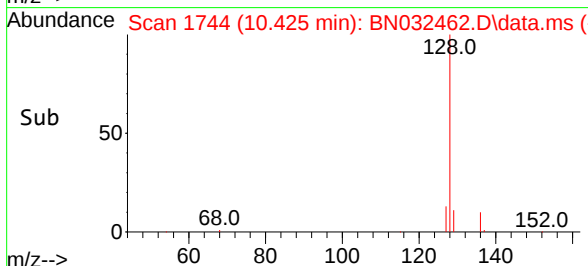
Instrument :
BNA_N
ClientSampleId :
A4CS8DL



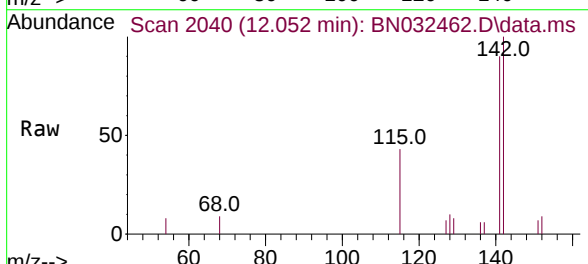
Tgt Ion:128 Resp: 6449
Ion Ratio Lower Upper
128 100
129 14.8 9.2 13.8
127 14.6 10.8 16.2

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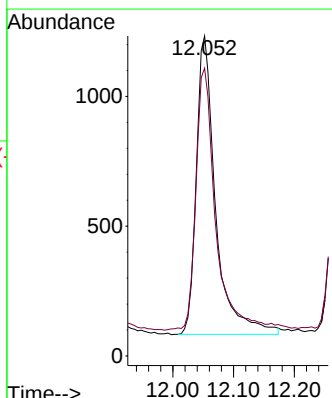
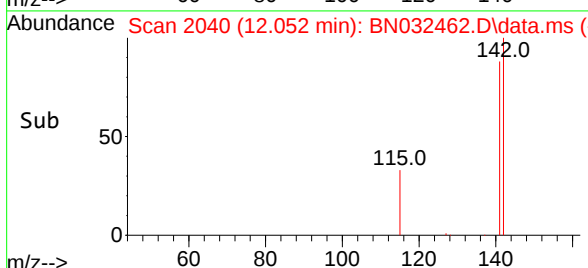
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

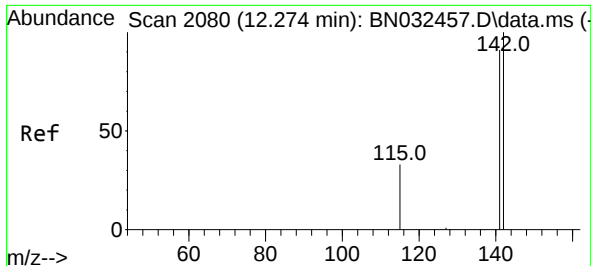


#7
2-Methylnaphthalene
Concen: 0.066 ng/ul
RT: 12.052 min Scan# 2040
Delta R.T. -0.001 min
Lab File: BN032462.D
Acq: 04 Jul 2024 07:22



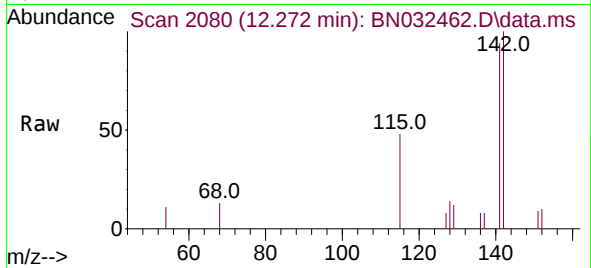
Tgt Ion:142 Resp: 2554
Ion Ratio Lower Upper
142 100
141 88.8 72.2 108.2





#8
1-Methylnaphthalene
Concen: 0.037 ng/ul
RT: 12.272 min Scan# 2080
Delta R.T. -0.001 min
Lab File: BN032462.D
Acq: 04 Jul 2024 07:22

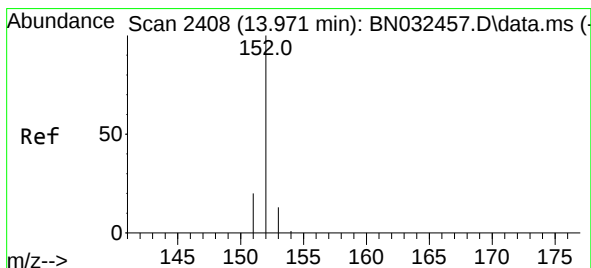
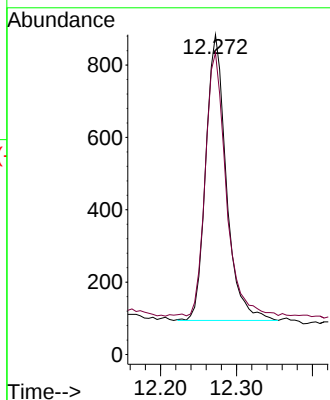
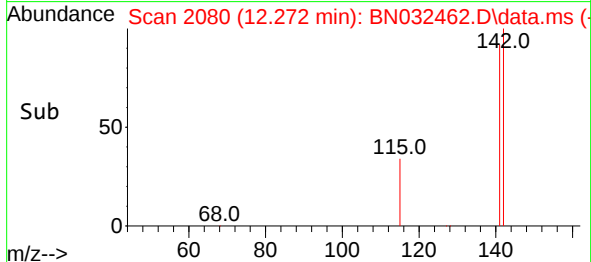
Instrument :
BNA_N
ClientSampleId :
A4CS8DL



Tgt Ion:142 Resp: 148
Ion Ratio Lower Upper
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141 94.3 73.4 110.0

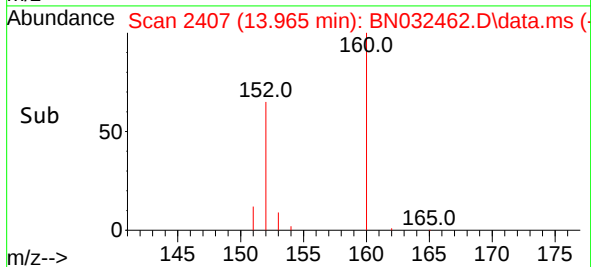
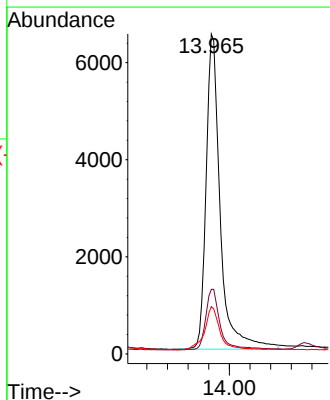
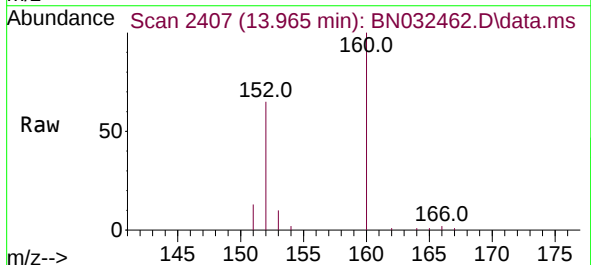
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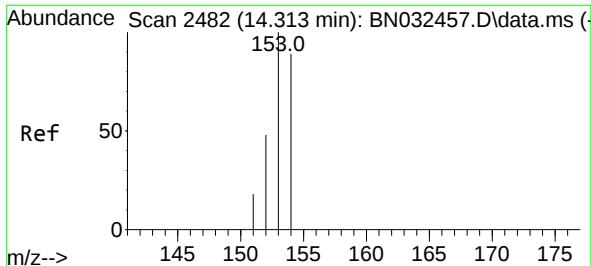
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#10
Acenaphthylene
Concen: 0.241 ng/ul
RT: 13.965 min Scan# 2407
Delta R.T. -0.006 min
Lab File: BN032462.D
Acq: 04 Jul 2024 07:22

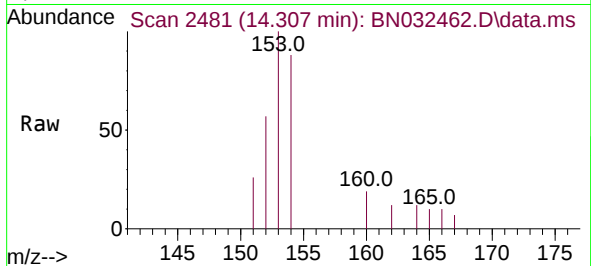
Tgt Ion:152 Resp: 12287
Ion Ratio Lower Upper
152 100
151 20.2 15.7 23.5
153 14.8 10.9 16.3





#11
Acenaphthene
Concen: 0.044 ng/ul
RT: 14.307 min Scan# 2481
Delta R.T. -0.006 min
Lab File: BN032462.D
Acq: 04 Jul 2024 07:22

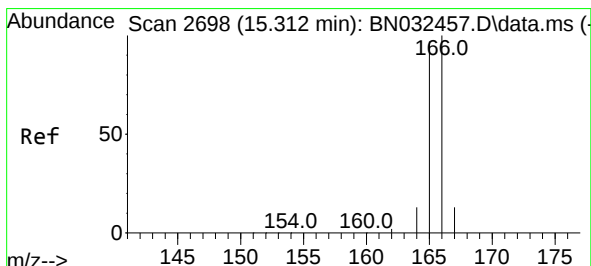
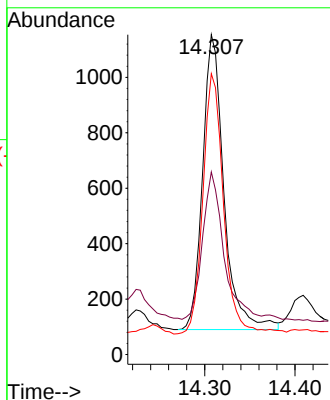
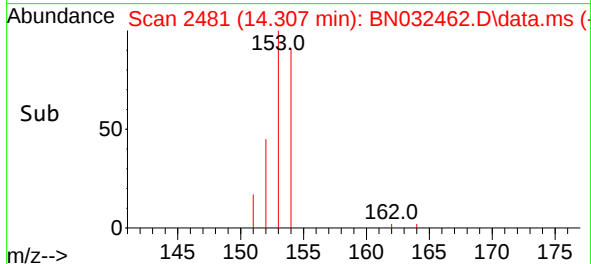
Instrument :
BNA_N
ClientSampleId :
A4CS8DL



Tgt Ion:153 Resp: 1748
Ion Ratio Lower Upper
153 100
152 57.1 39.5 59.3
154 87.8 71.7 107.5

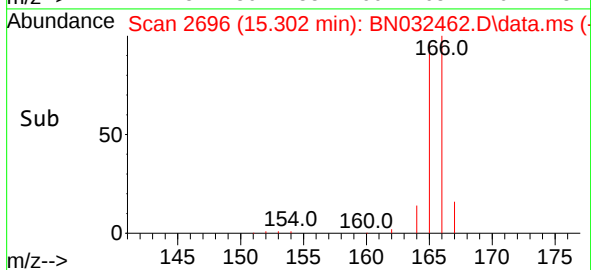
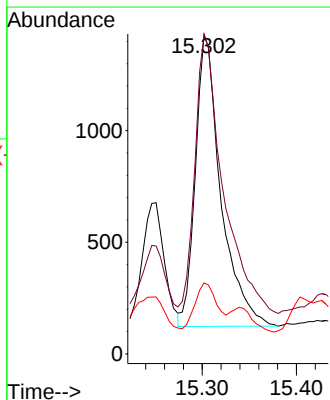
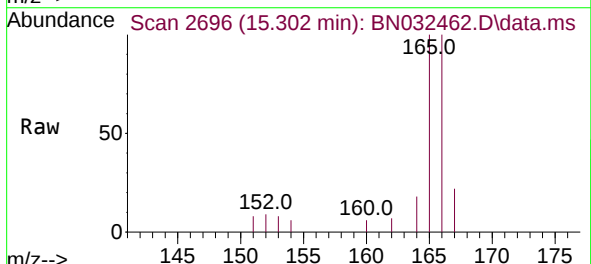
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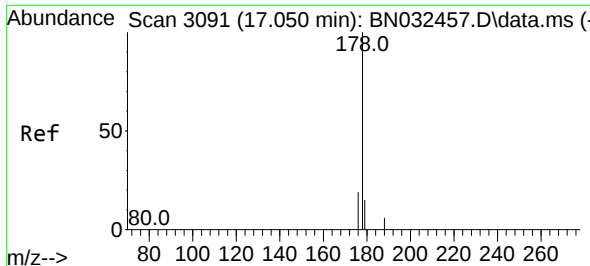
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#12
Fluorene
Concen: 0.052 ng/ul
RT: 15.302 min Scan# 2696
Delta R.T. -0.011 min
Lab File: BN032462.D
Acq: 04 Jul 2024 07:22

Tgt Ion:166 Resp: 2443
Ion Ratio Lower Upper
166 100
165 100.4 79.0 118.6
167 22.3 11.0 16.6#





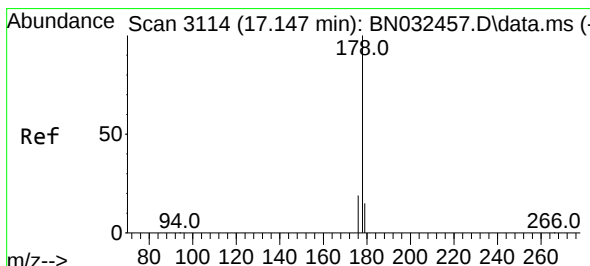
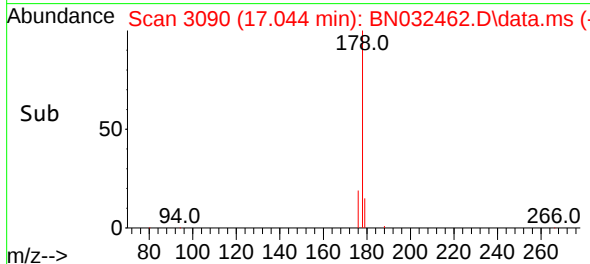
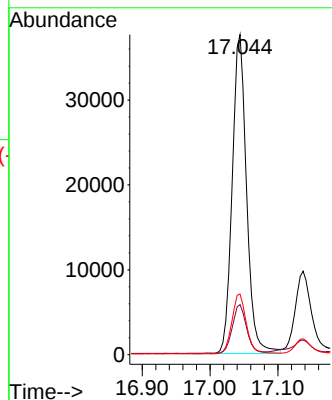
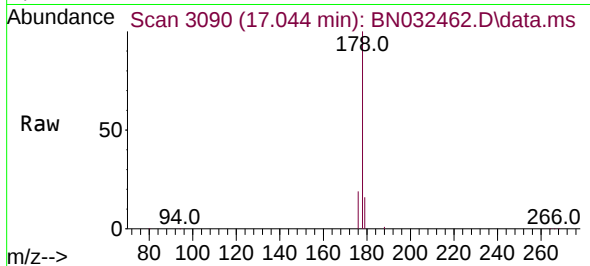
#15
Phenanthrene
Concen: 0.919 ng/ul
RT: 17.044 min Scan# 3090
Delta R.T. -0.006 min
Lab File: BN032462.D
Acq: 04 Jul 2024 07:22

Instrument :
BNA_N
ClientSampleId :
A4CS8DL

Tgt Ion:178 Resp: 55124
Ion Ratio Lower Upper
178 100
179 15.7 12.6 18.8
176 18.9 15.6 23.4

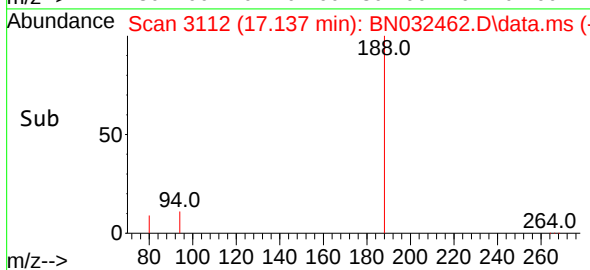
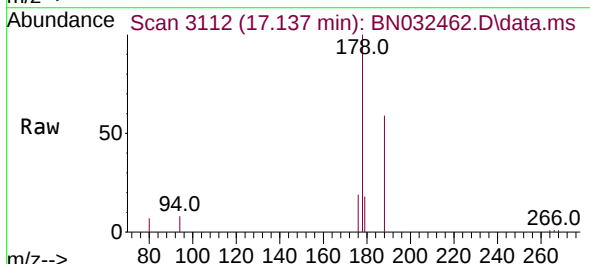
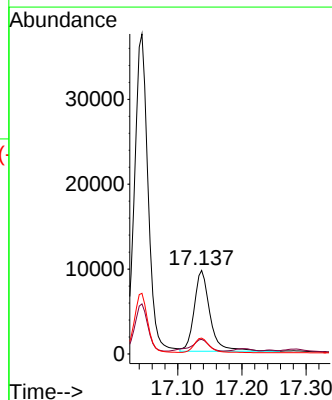
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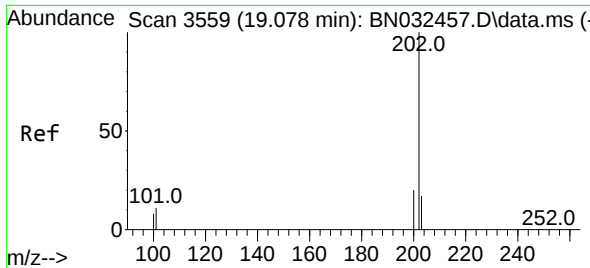
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#16
Anthracene
Concen: 0.305 ng/ul
RT: 17.137 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BN032462.D
Acq: 04 Jul 2024 07:22

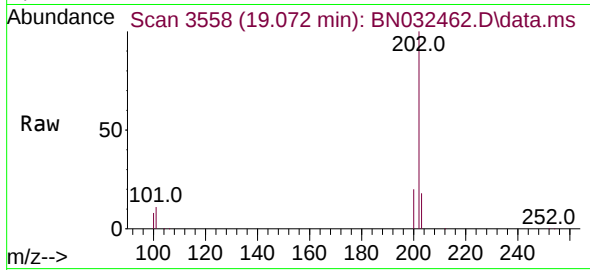
Tgt Ion:178 Resp: 16338
Ion Ratio Lower Upper
178 100
179 17.5 12.5 18.7
176 19.0 15.0 22.6





#19
Fluoranthene
Concen: 1.633 ng/ul
RT: 19.072 min Scan# 3559
Delta R.T. -0.001 min
Lab File: BN032462.D
Acq: 04 Jul 2024 07:22

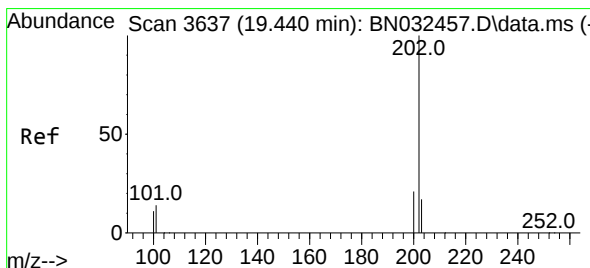
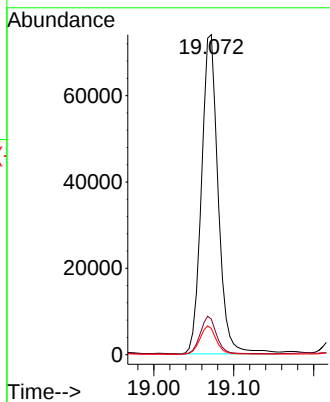
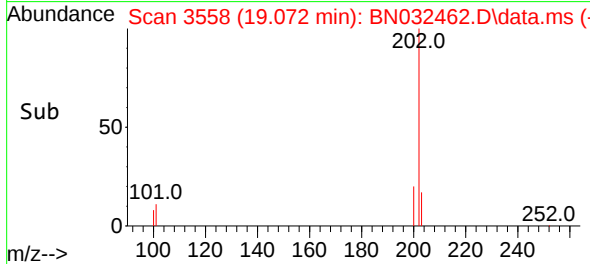
Instrument :
BNA_N
ClientSampleId :
A4CS8DL



Tgt Ion:202 Resp: 107359
Ion Ratio Lower Upper
202 100
101 11.1 8.8 13.2
100 8.2 6.4 9.6

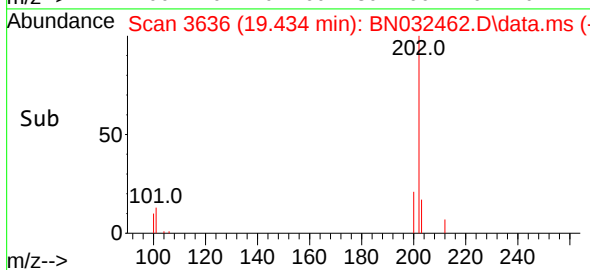
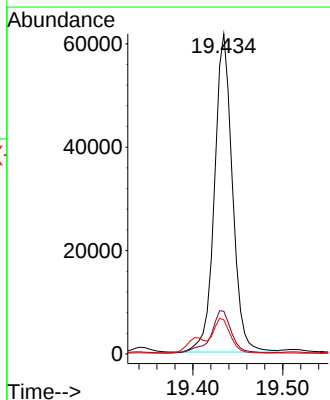
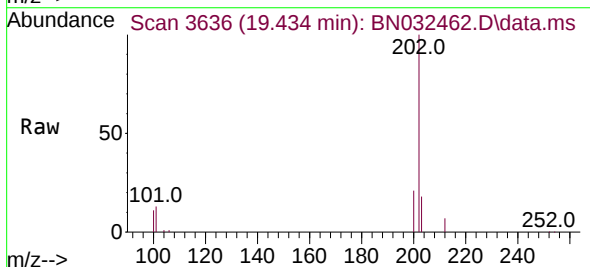
Manual Integrations
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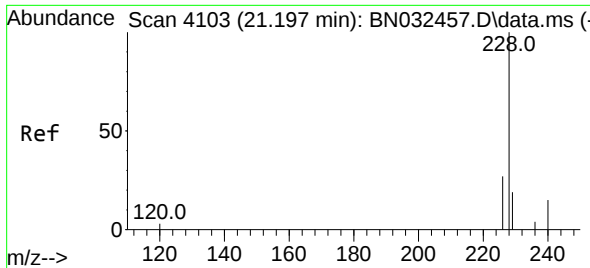
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#20
Pyrene
Concen: 1.240 ng/ul
RT: 19.434 min Scan# 3636
Delta R.T. -0.006 min
Lab File: BN032462.D
Acq: 04 Jul 2024 07:22

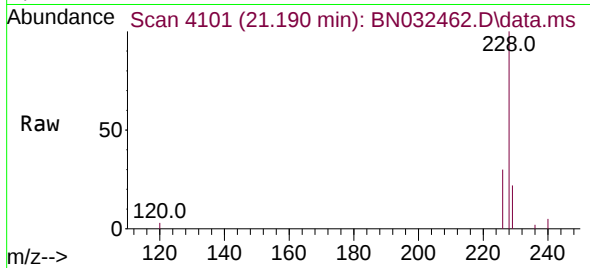
Tgt Ion:202 Resp: 85225
Ion Ratio Lower Upper
202 100
101 13.3 11.0 16.4
100 10.6 8.7 13.1





#21
Benzo(a)anthracene
Concen: 0.872 ng/ul
RT: 21.190 min Scan# 4119
Delta R.T. -0.001 min
Lab File: BN032462.D
Acq: 04 Jul 2024 07:22

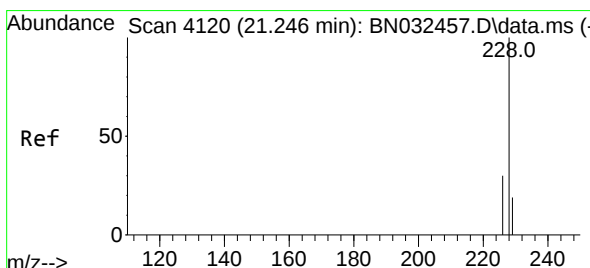
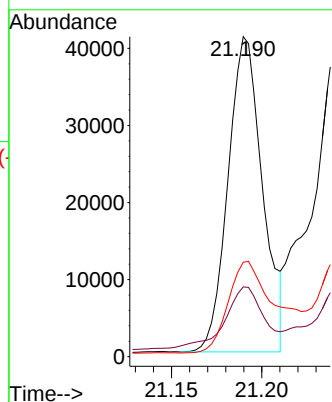
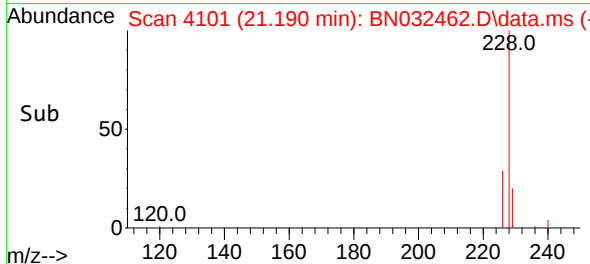
Instrument :
BNA_N
ClientSampleId :
A4CS8DL



Tgt Ion:228 Resp: 54315
Ion Ratio Lower Upper
228 100
229 21.8 15.7 23.5
226 29.5 21.8 32.8

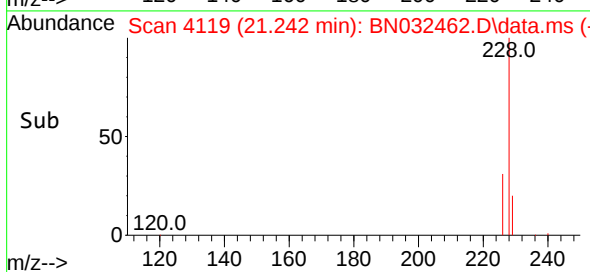
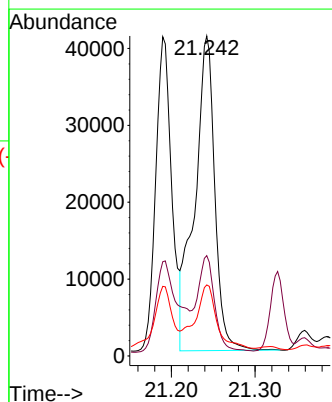
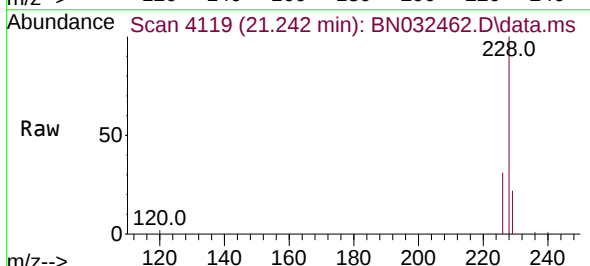
Manual Integrations
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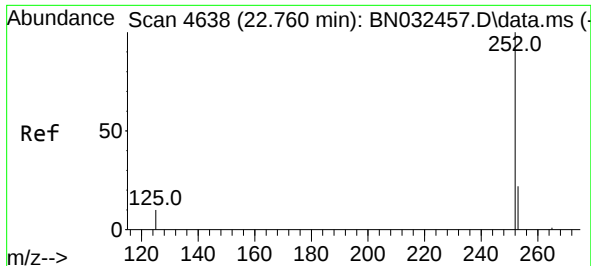
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#22
Chrysene
Concen: 1.000 ng/ul
RT: 21.242 min Scan# 4119
Delta R.T. -0.001 min
Lab File: BN032462.D
Acq: 04 Jul 2024 07:22

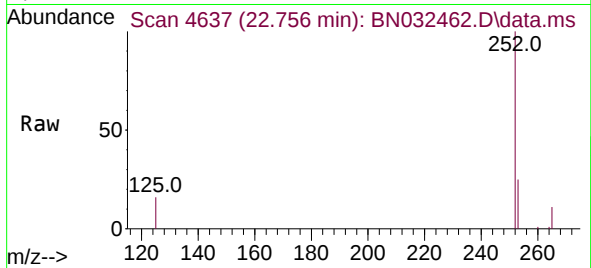
Tgt Ion:228 Resp: 68388
Ion Ratio Lower Upper
228 100
226 31.4 23.6 35.4
229 22.2 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 1.053 ng/ul m
RT: 22.756 min Scan# 4638
Delta R.T. -0.001 min
Lab File: BN032462.D
Acq: 04 Jul 2024 07:22

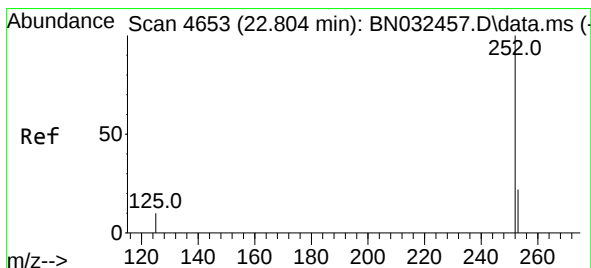
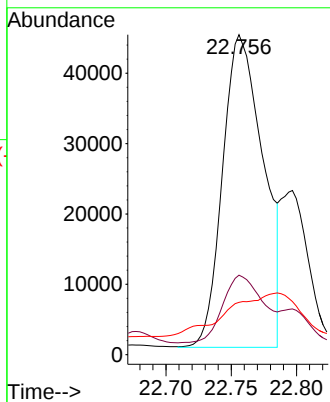
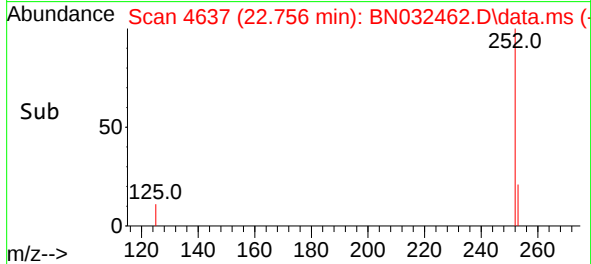
Instrument :
BNA_N
ClientSampleId :
A4CS8DL



Tgt Ion:252 Resp: 96229
Ion Ratio Lower Upper
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253 24.9 0.0 50.2
125 16.3 0.0 32.0

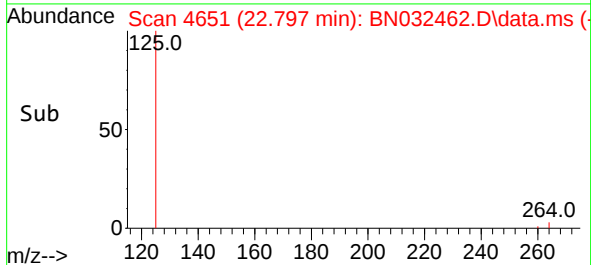
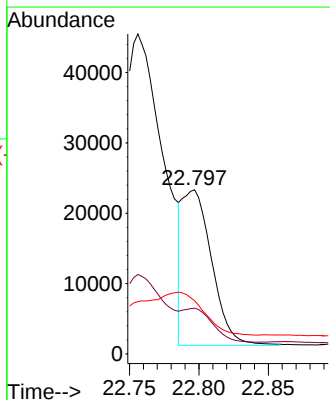
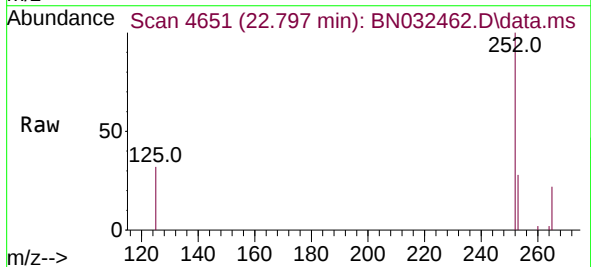
Manual Integrations
APPROVED

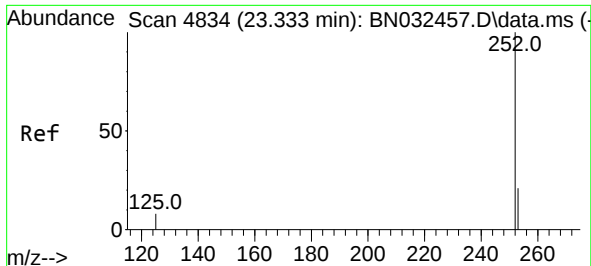
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#25
Benzo(k)fluoranthene
Concen: 0.368 ng/ul m
RT: 22.797 min Scan# 4651
Delta R.T. -0.004 min
Lab File: BN032462.D
Acq: 04 Jul 2024 07:22

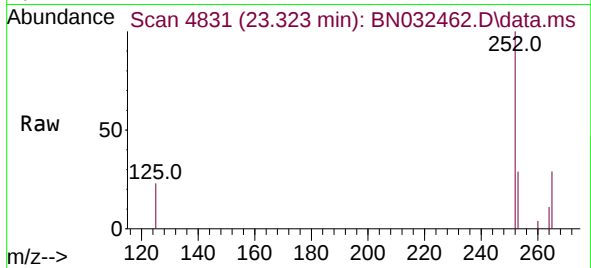
Tgt Ion:252 Resp: 32653
Ion Ratio Lower Upper
252 100
253 27.9 20.3 30.5
125 32.4 12.8 19.2#





#26
Benzo(a)pyrene
Concen: 0.526 ng/u1
RT: 23.323 min Scan# 41
Delta R.T. -0.004 min
Lab File: BN032462.D
Acq: 04 Jul 2024 07:22

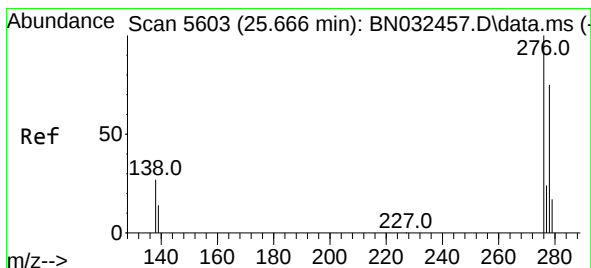
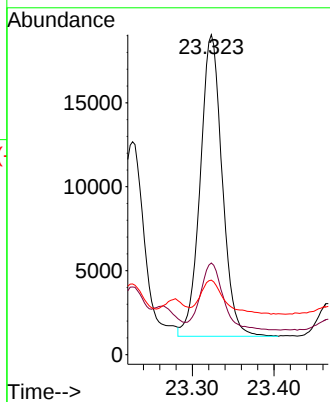
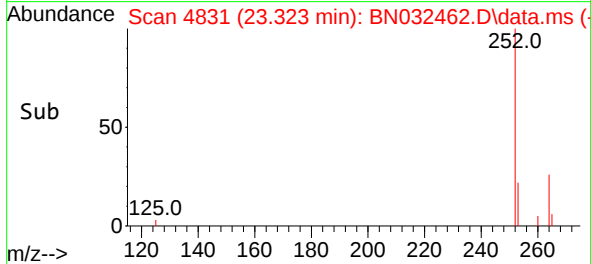
Instrument :
BNA_N
ClientSampleId :
A4CS8DL



Tgt Ion:252 Resp: 33470
Ion Ratio Lower Upper
252 100
253 28.6 22.2 33.2
125 23.3 16.4 24.6

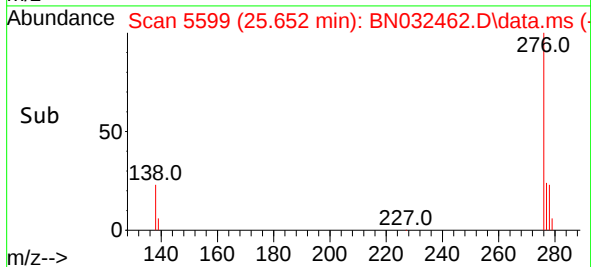
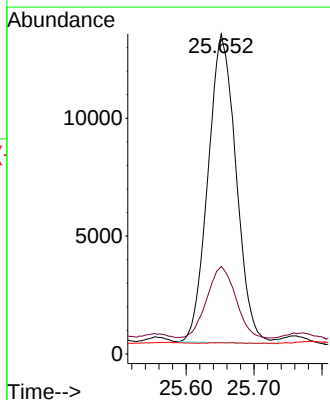
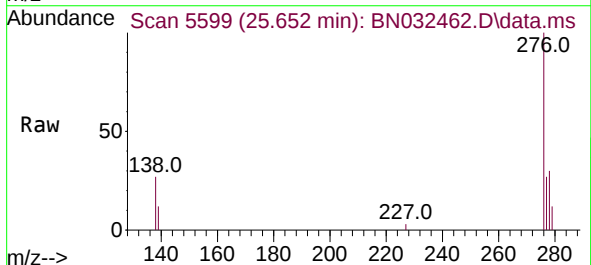
Manual Integrations
APPROVED

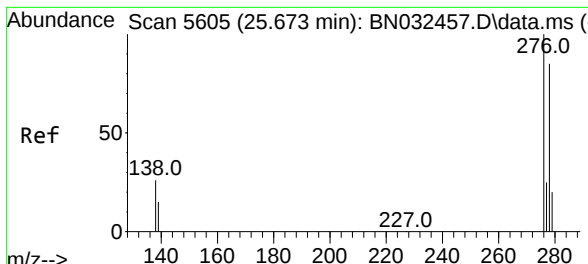
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.378 ng/u1
RT: 25.652 min Scan# 5599
Delta R.T. -0.008 min
Lab File: BN032462.D
Acq: 04 Jul 2024 07:22

Tgt Ion:276 Resp: 37662
Ion Ratio Lower Upper
276 100
138 24.3 21.3 31.9
227 0.0 0.1 0.1#





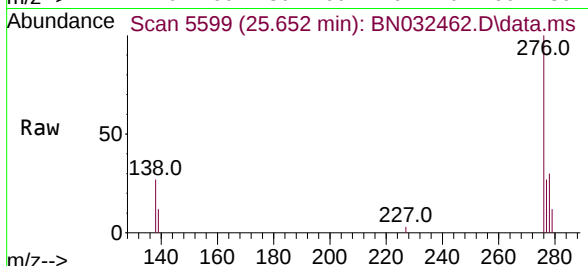
#28
 Dibenzo(a,h)anthracene
 Concen: 0.180 ng/ul
 RT: 25.652 min Scan# 5599
 Delta R.T. -0.015 min
 Lab File: BN032462.D
 Acq: 04 Jul 2024 07:22

Instrument :

BNA_N

ClientSampleId :

A4CS8DL



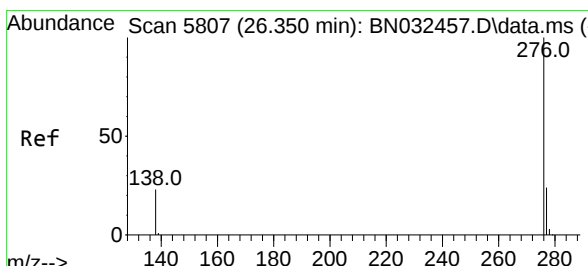
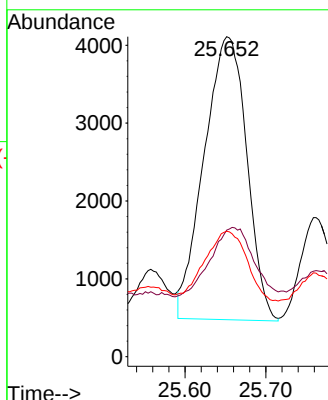
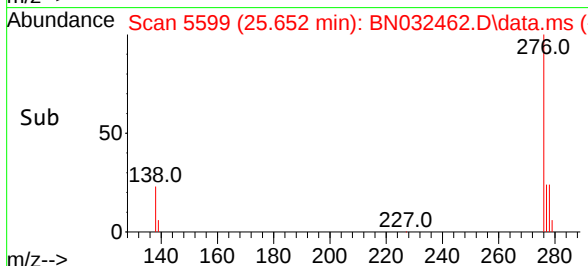
Tgt Ion:278 Resp: 1334
 Ion Ratio Lower Upper
 278 100
 139 39.5 15.9 23.9#
 279 39.2 21.1 31.7#

Manual Integrations

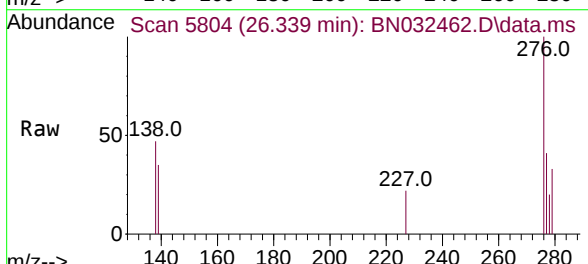
APPROVED

Reviewed By :Yogesh Patel 07/05/2024

Supervised By :mohammad ahmed 07/05/2024



#29
 Benzo(g,h,i)perylene
 Concen: 0.069 ng/ul
 RT: 26.339 min Scan# 5804
 Delta R.T. -0.005 min
 Lab File: BN032462.D
 Acq: 04 Jul 2024 07:22



Tgt Ion:276 Resp: 5470
 Ion Ratio Lower Upper
 276 100
 138 46.9 19.8 29.6#
 277 41.5 19.8 29.6#

