

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062524\
 Data File : BN032260.D
 Acq On : 26 Jun 2024 04:07
 Operator : MA/JU
 Sample : P3054-02
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWBR-05-257-278-062424-FD

Quant Time: Jun 26 05:50:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 19 11:30:34 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/27/2024
 Supervised By :mohammad ahmed 06/27/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.632	152	10036	0.400	ng	-0.01
7) Naphthalene-d8	10.410	136	28701	0.400	ng	-0.01
13) Acenaphthene-d10	14.274	164	16590	0.400	ng	-0.01
19) Phenanthrene-d10	17.029	188	34854	0.400	ng	0.00
29) Chrysene-d12	21.229	240	30046	0.400	ng	0.00
35) Perylene-d12	23.449	264	33018	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.241	112	5067	0.178	ng	0.00
5) Phenol-d6	6.823	99	3291	0.088	ng	0.00
8) Nitrobenzene-d5	8.787	82	6518	0.273	ng	-0.01
11) 2-Methylnaphthalene-d10	12.001	152	12229	0.268	ng	-0.02
14) 2,4,6-Tribromophenol	15.775	330	2447	0.308	ng	-0.01
15) 2-Fluorobiphenyl	12.895	172	21638	0.344	ng	-0.01
27) Fluoranthene-d10	19.063	212	29467	0.311	ng	0.00
31) Terphenyl-d14	19.662	244	25447	0.346	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.197	88	3060	0.249	ng	# 91
25) Phenanthrene	17.066	178	1970	0.020	ng	# 94
28) Fluoranthene	19.096	202	2608	0.022	ng	# 91
30) Pyrene	19.458	202	2529	0.021	ng	99
32) Benzo(a)anthracene	21.211	228	3285	0.029	ng	# 88
33) Chrysene	21.265	228	3518	0.033	ng	# 89
34) Bis(2-ethylhexyl)phtha...	21.130	149	5588	0.072	ng	99
36) Indeno(1,2,3-cd)pyrene	25.703	276	5413	0.044	ng	99
37) Benzo(b)fluoranthene	22.782	252	5227	0.043	ng	# 31
38) Benzo(k)fluoranthene	22.823	252	4703m	0.041	ng	
39) Benzo(a)pyrene	23.355	252	2740	0.026	ng	# 1
40) Dibenzo(a,h)anthracene	25.712	278	4026	0.041	ng	# 46
41) Benzo(g,h,i)perylene	26.390	276	3916	0.038	ng	# 64

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

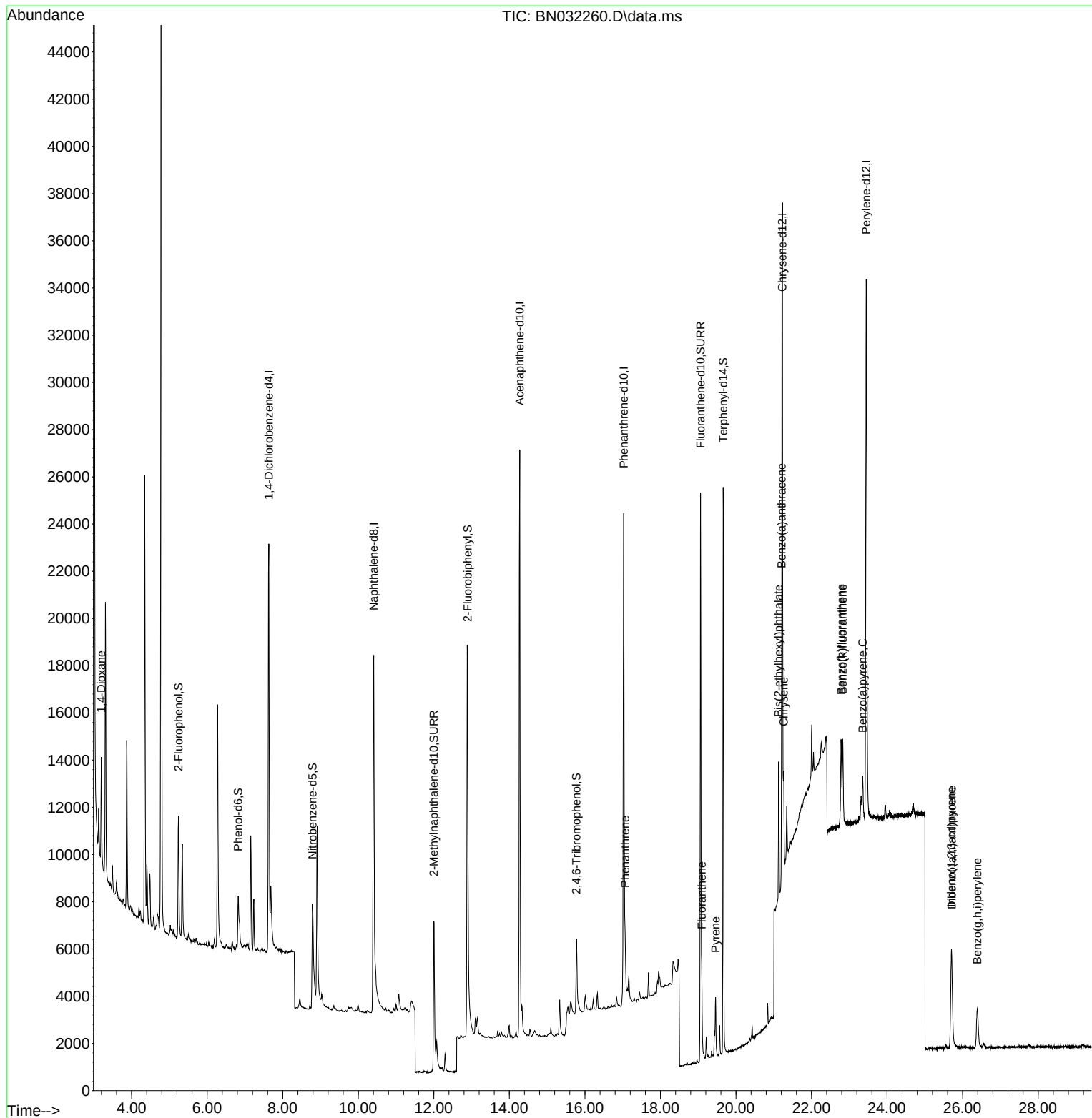
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062524\
Data File : BN032260.D
Acq On : 26 Jun 2024 04:07
Operator : MA/JU
Sample : P3054-02
Misc :
ALS Vial : 64 Sample Multiplier: 1

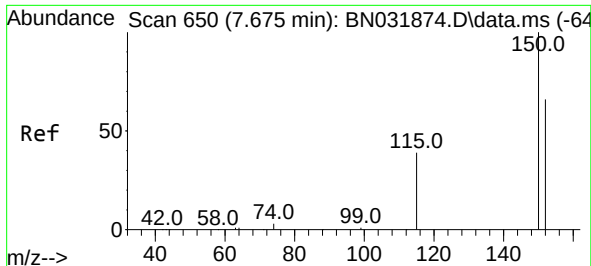
Instrument :
BNA_N
ClientSampleId :
GWBR-05-257-278-062424-FD

Quant Time: Jun 26 05:50:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 19 11:30:34 2024
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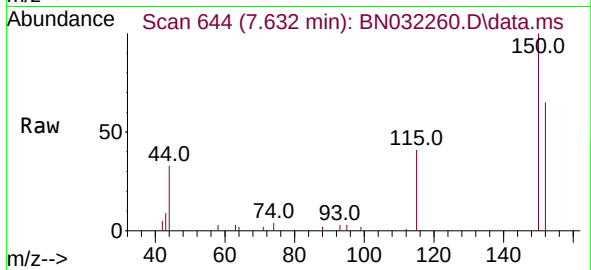
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.632 min Scan# 64
Delta R.T. -0.014 min
Lab File: BN032260.D
Acq: 26 Jun 2024 04:07

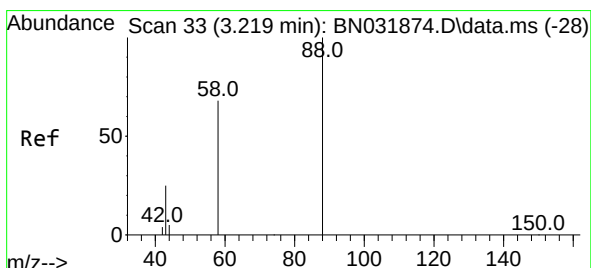
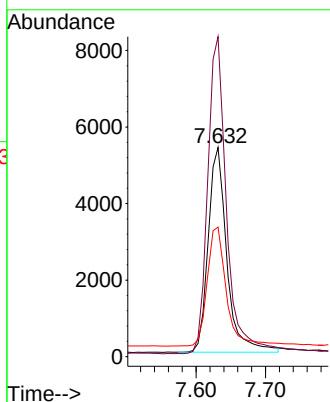
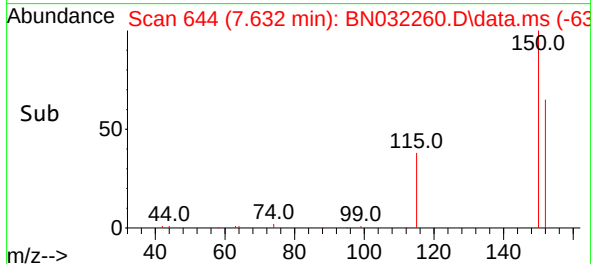
Instrument : BNA_N
ClientSampleId : GWBR-05-257-278-062424-FD



Tgt Ion:152 Resp: 10030
Ion Ratio Lower Upper
152 100
150 152.9 121.0 181.4
115 61.9 49.4 74.0

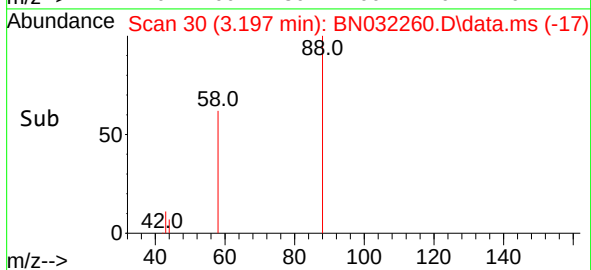
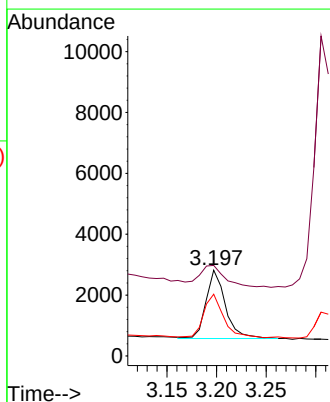
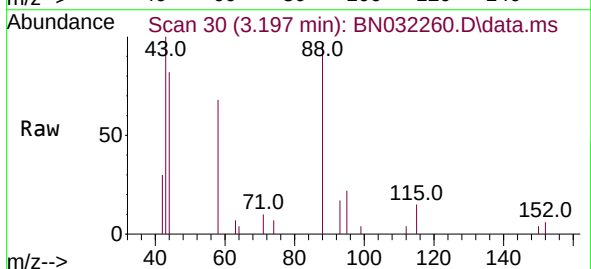
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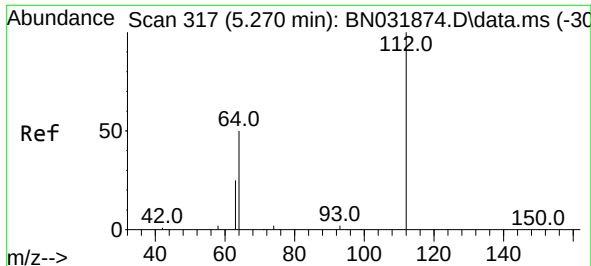
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#2
1,4-Dioxane
Concen: 0.249 ng
RT: 3.197 min Scan# 30
Delta R.T. -0.007 min
Lab File: BN032260.D
Acq: 26 Jun 2024 04:07

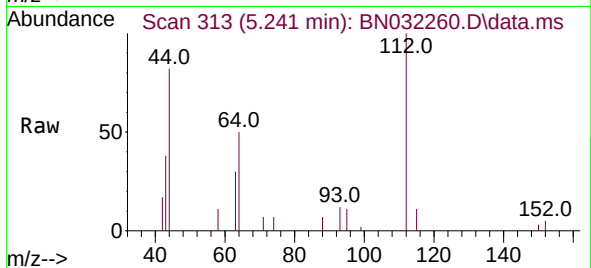
Tgt Ion: 88 Resp: 3060
Ion Ratio Lower Upper
88 100
43 42.2 22.7 34.1#
58 65.8 51.3 76.9





#4
2-Fluorophenol
Concen: 0.178 ng
RT: 5.241 min Scan# 317
Delta R.T. -0.007 min
Lab File: BN032260.D
Acq: 26 Jun 2024 04:07

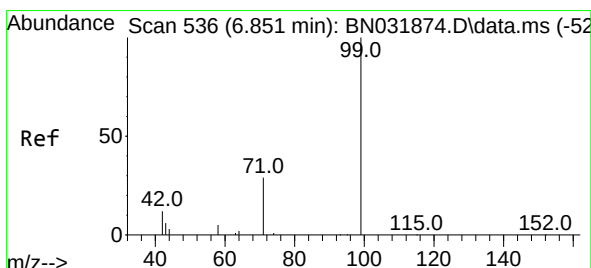
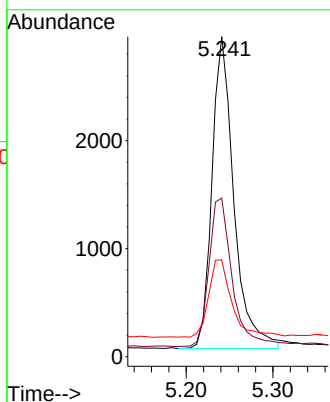
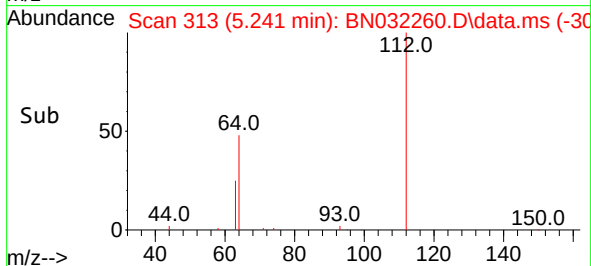
Instrument :
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Tgt Ion: 112 Resp: 506
Ion Ratio Lower Upper
112 100
64 50.2 42.4 63.6
63 26.3 22.1 33.1

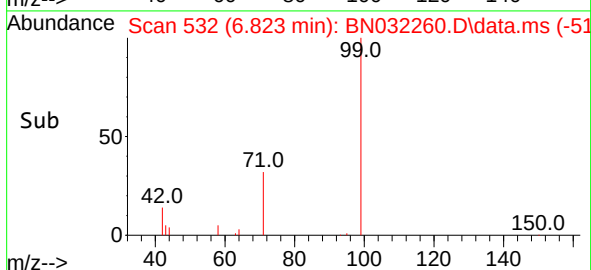
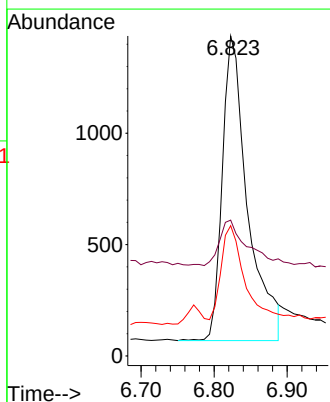
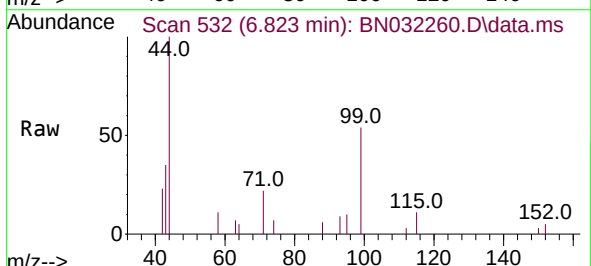
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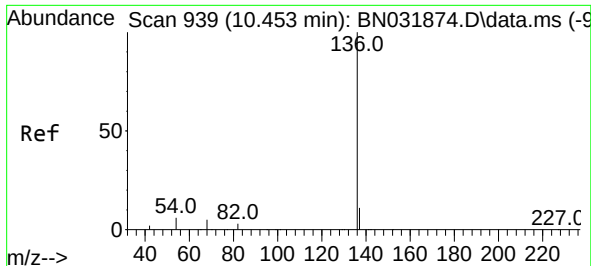
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#5
Phenol-d6
Concen: 0.088 ng
RT: 6.823 min Scan# 532
Delta R.T. -0.007 min
Lab File: BN032260.D
Acq: 26 Jun 2024 04:07

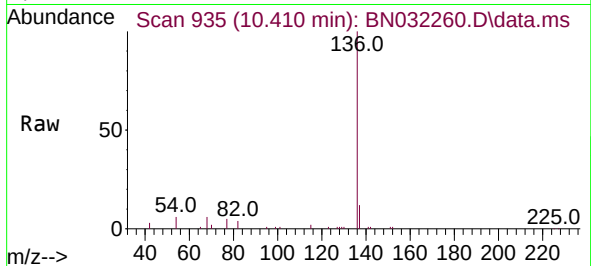
Tgt Ion: 99 Resp: 3291
Ion Ratio Lower Upper
99 100
42 15.3 12.8 19.2
71 27.8 25.4 38.2





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.410 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN032260.D
Acq: 26 Jun 2024 04:07

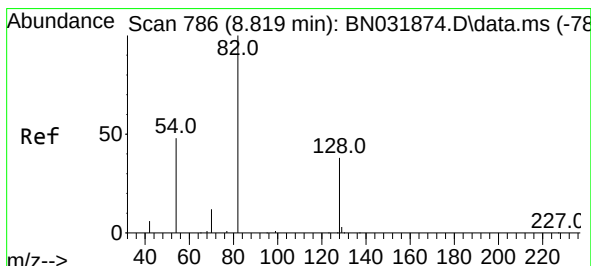
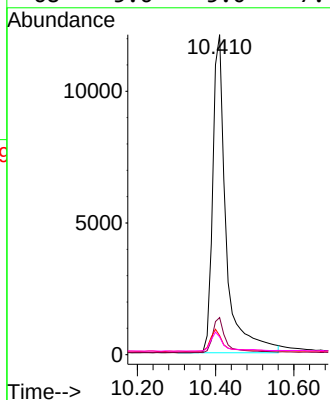
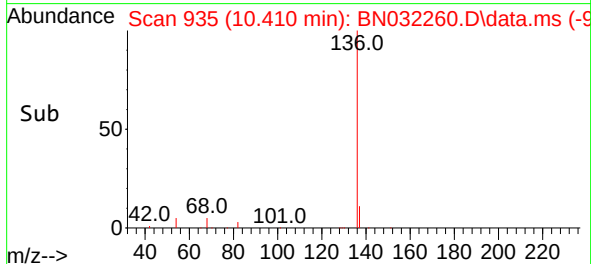
Instrument :
BNA_N
ClientSampleId :
GWBR-05-257-278-062424-FD



Tgt Ion:136 Resp: 2870
Ion Ratio Lower Upper
136 100
137 11.6 8.9 13.3
54 6.0 5.6 8.4
68 5.6 5.0 7.4

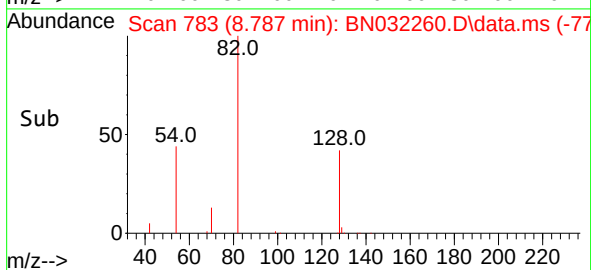
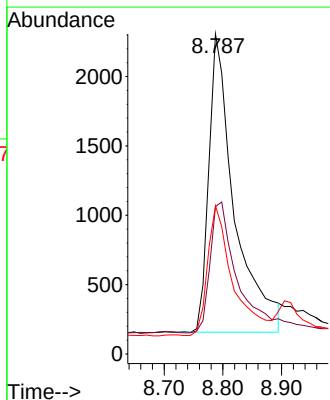
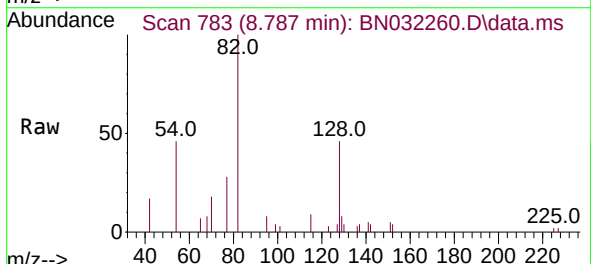
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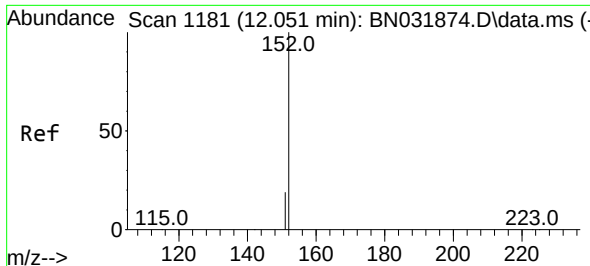
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#8
Nitrobenzene-d5
Concen: 0.273 ng
RT: 8.787 min Scan# 783
Delta R.T. -0.011 min
Lab File: BN032260.D
Acq: 26 Jun 2024 04:07

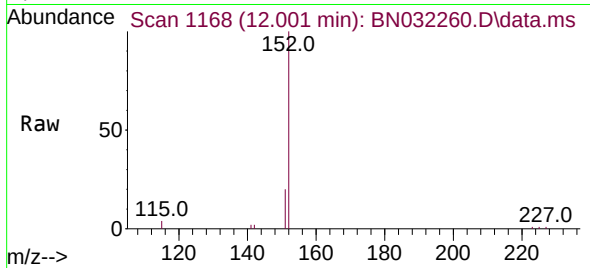
Tgt Ion: 82 Resp: 6518
Ion Ratio Lower Upper
82 100
128 46.1 32.1 48.1
54 46.4 39.7 59.5





#11
2-Methylnaphthalene-d10
Concen: 0.268 ng
RT: 12.001 min Scan# 1181
Delta R.T. -0.019 min
Lab File: BN032260.D
Acq: 26 Jun 2024 04:07

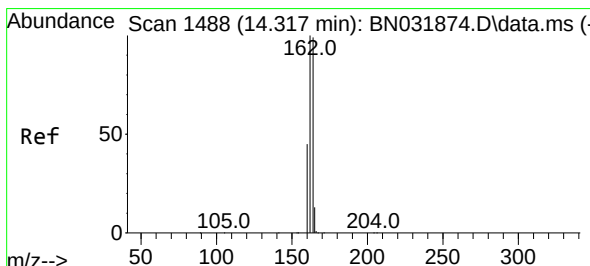
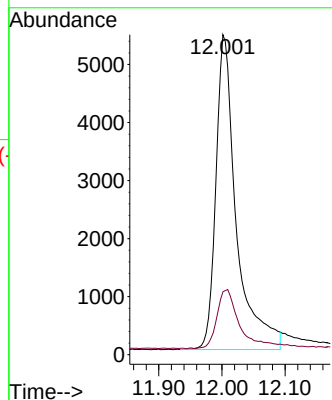
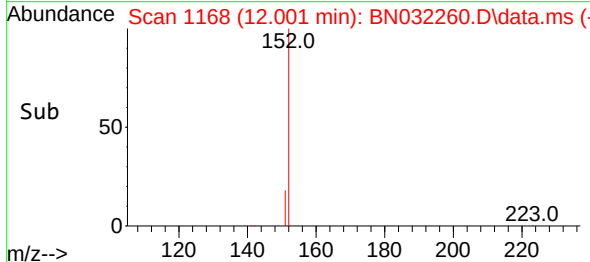
Instrument :
BNA_N
ClientSampleId :
GWBR-05-257-278-062424-FD



Tgt Ion:152 Resp: 12229
Ion Ratio Lower Upper
152 100
151 20.8 16.3 24.5

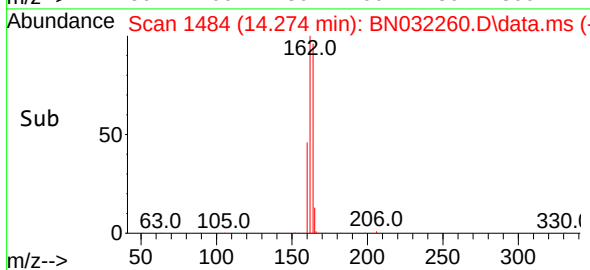
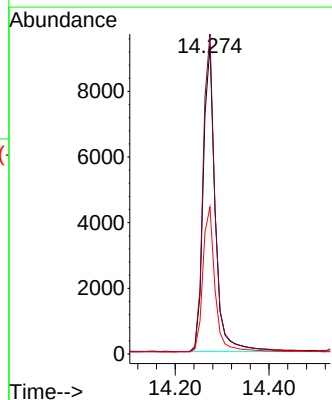
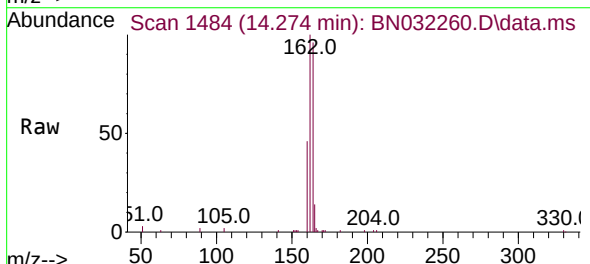
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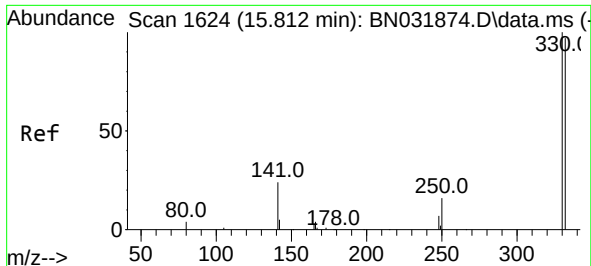
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.274 min Scan# 1484
Delta R.T. -0.011 min
Lab File: BN032260.D
Acq: 26 Jun 2024 04:07

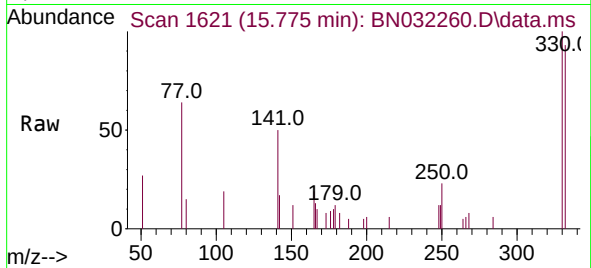
Tgt Ion:164 Resp: 16590
Ion Ratio Lower Upper
164 100
162 103.8 80.7 121.1
160 47.6 36.2 54.4





#14
2,4,6-Tribromophenol
Concen: 0.308 ng
RT: 15.775 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN032260.D
Acq: 26 Jun 2024 04:07

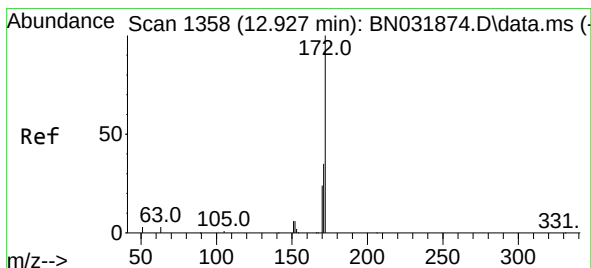
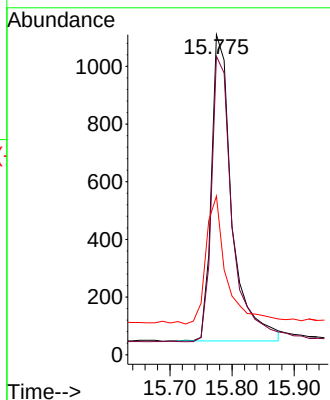
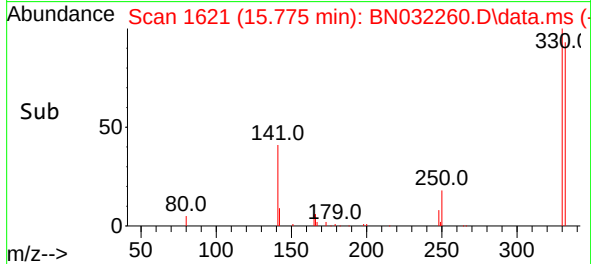
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GWBR-05-257-278-062424-FD



Tgt Ion:330 Resp: 244
Ion Ratio Lower Upper
330 100
332 94.9 77.5 116.3
141 41.8 34.7 52.1

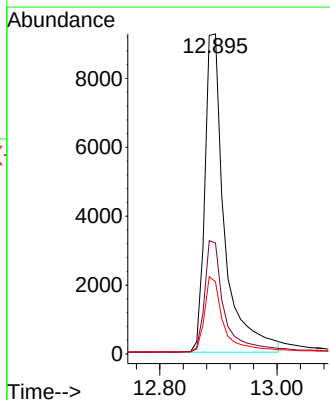
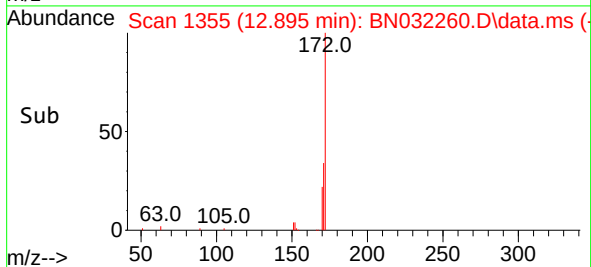
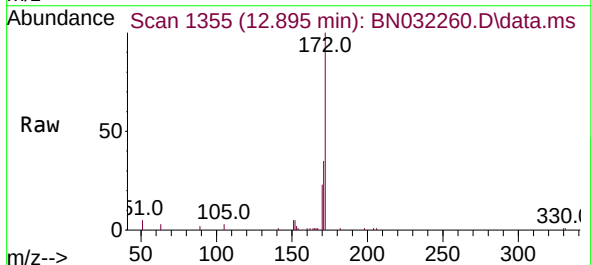
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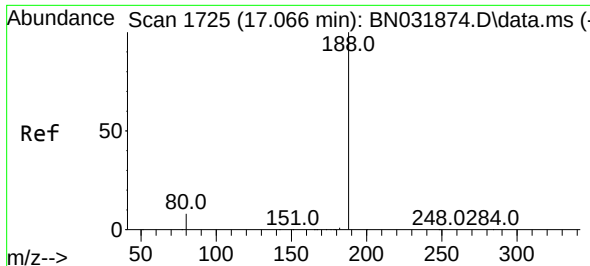
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#15
2-Fluorobiphenyl
Concen: 0.344 ng
RT: 12.895 min Scan# 1355
Delta R.T. -0.011 min
Lab File: BN032260.D
Acq: 26 Jun 2024 04:07

Tgt Ion:172 Resp: 21638
Ion Ratio Lower Upper
172 100
171 34.7 28.6 42.8
170 22.6 19.2 28.8





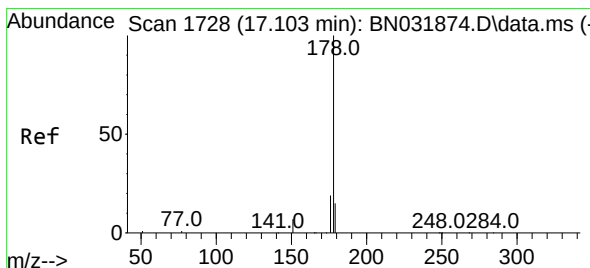
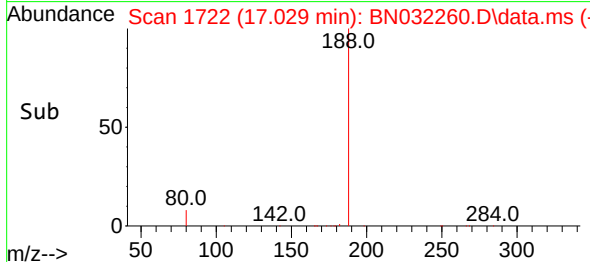
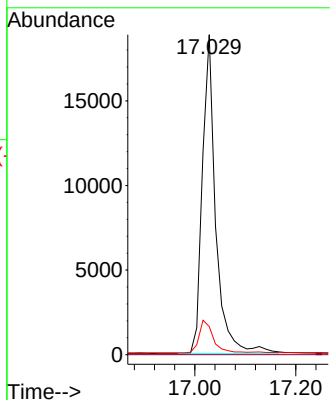
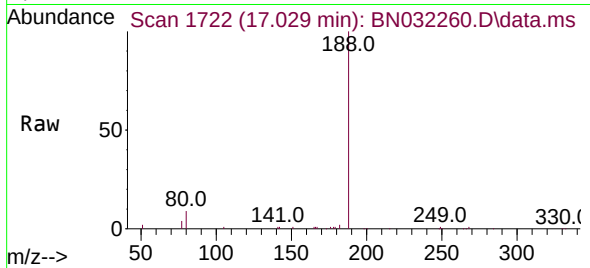
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Phenanthrene-d10
Concen: 0.400 ng
RT: 17.029 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN032260.D
Acq: 26 Jun 2024 04:07

Instrument :
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GWBR-05-257-278-062424-FD

Tgt Ion:188 Resp: 34854
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.8 6.4 9.6

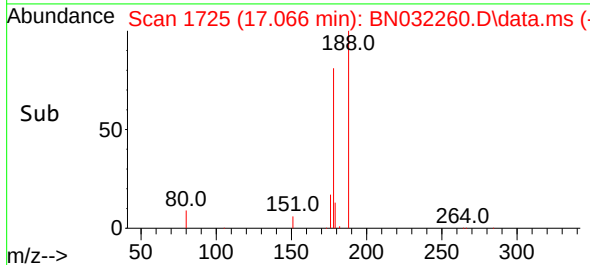
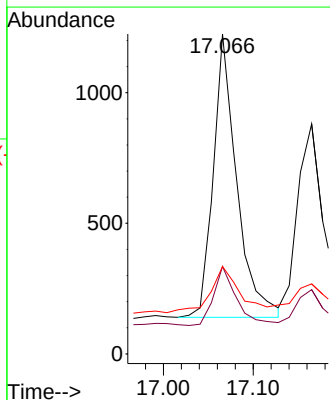
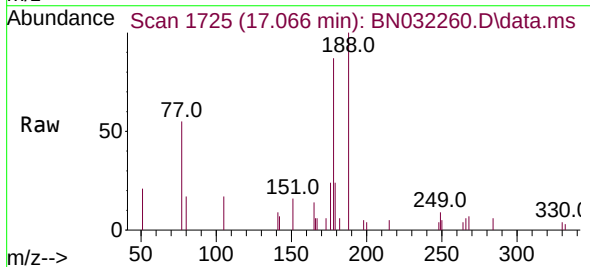
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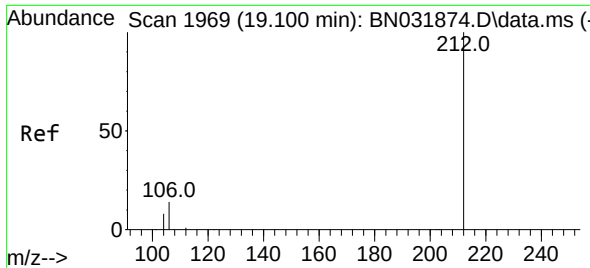
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#25
Phenanthrene
Concen: 0.020 ng
RT: 17.066 min Scan# 1725
Delta R.T. -0.013 min
Lab File: BN032260.D
Acq: 26 Jun 2024 04:07

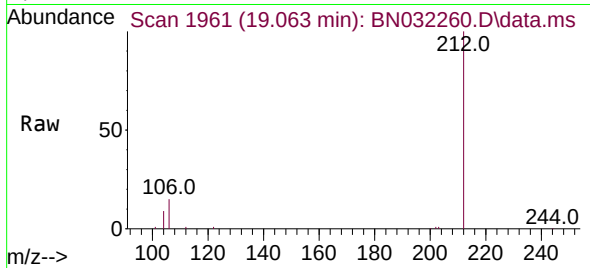
Tgt Ion:178 Resp: 1970
Ion Ratio Lower Upper
178 100
176 20.4 15.4 23.0
179 19.8 12.2 18.2#





#27
Fluoranthene-d10
Concen: 0.311 ng
RT: 19.063 min Scan# 1961
Delta R.T. -0.009 min
Lab File: BN032260.D
Acq: 26 Jun 2024 04:07

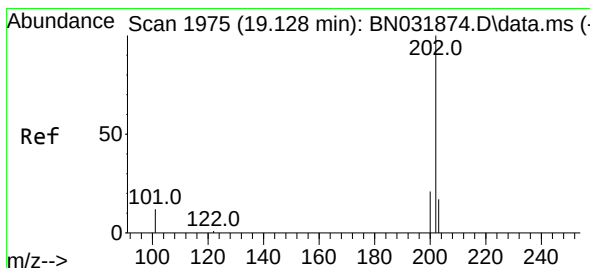
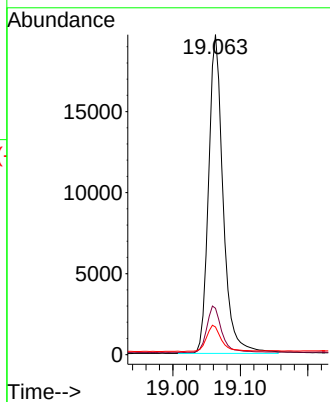
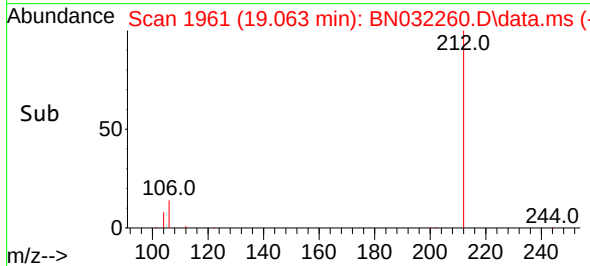
Instrument :
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GWBR-05-257-278-062424-FD



Tgt Ion:212 Resp: 2946
Ion Ratio Lower Upper
212 100
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104 8.4 6.6 10.0

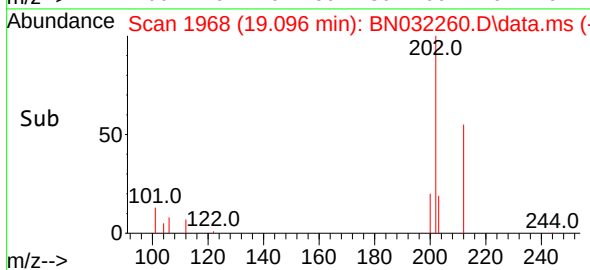
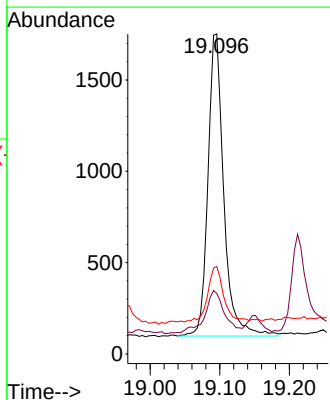
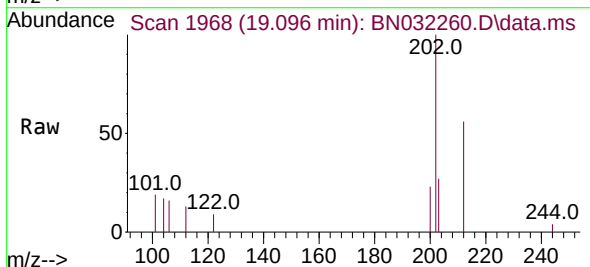
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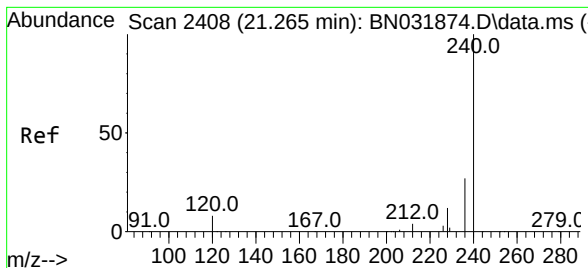
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#28
Fluoranthene
Concen: 0.022 ng
RT: 19.096 min Scan# 1968
Delta R.T. -0.005 min
Lab File: BN032260.D
Acq: 26 Jun 2024 04:07

Tgt Ion:202 Resp: 2608
Ion Ratio Lower Upper
202 100
101 17.8 9.8 14.6#
203 19.3 13.7 20.5





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.229 min Scan# 2404

Delta R.T. -0.000 min

Lab File: BN032260.D

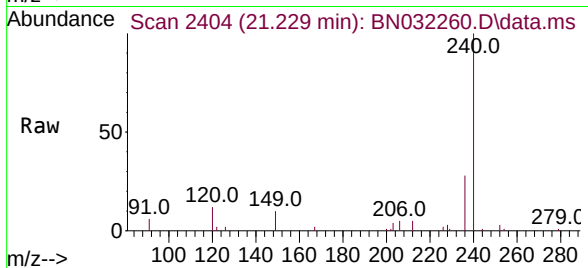
Acq: 26 Jun 2024 04:07

Instrument :

BNA_N

ClientSampleId :

GWBR-05-257-278-062424-FD



Tgt Ion:240 Resp: 30040

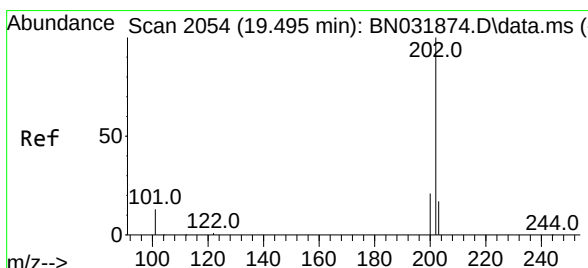
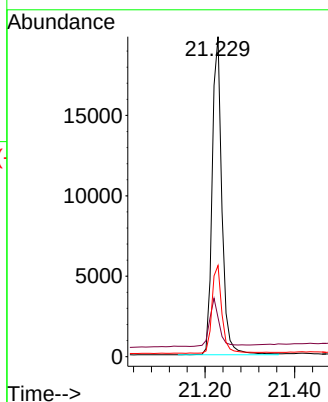
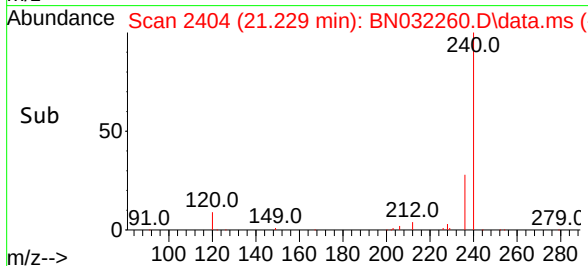
Ion	Ratio	Lower	Upper
240	100		
120	12.2	8.2	12.4
236	28.5	21.8	32.8

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Reviewed By :Yogesh Patel 06/27/2024

Supervised By :mohammad ahmed 06/27/2024



#30

Pyrene

Concen: 0.021 ng

RT: 19.458 min Scan# 2046

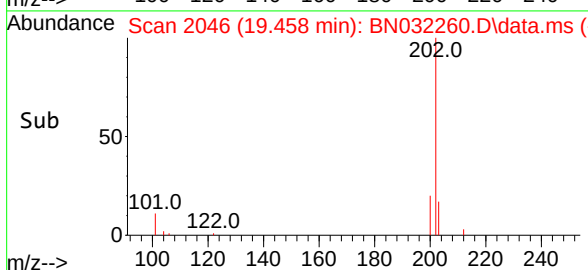
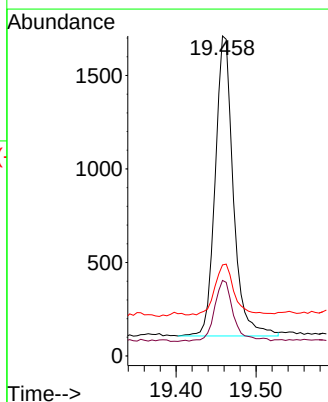
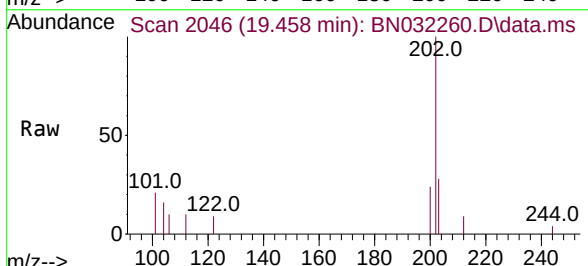
Delta R.T. -0.009 min

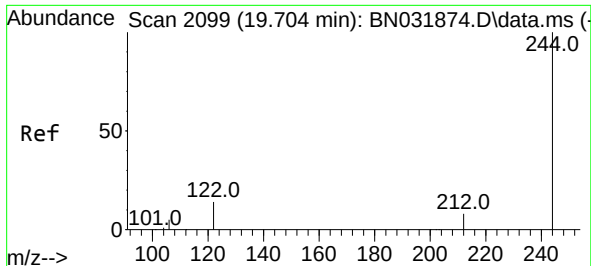
Lab File: BN032260.D

Acq: 26 Jun 2024 04:07

Tgt Ion:202 Resp: 2529

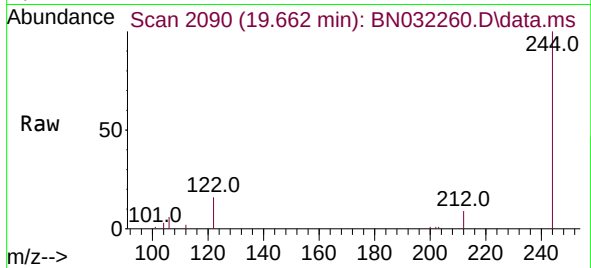
Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.7	25.1
203	18.5	14.3	21.5





#31
 Terphenyl-d14
 Concen: 0.346 ng
 RT: 19.662 min Scan# 2099
 Delta R.T. -0.009 min
 Lab File: BN032260.D
 Acq: 26 Jun 2024 04:07

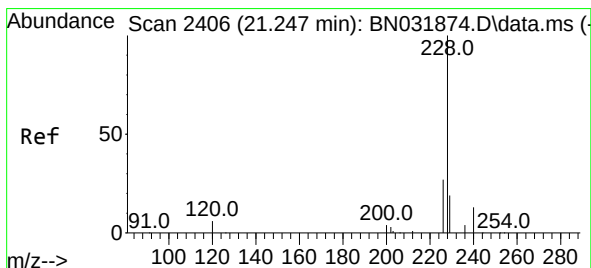
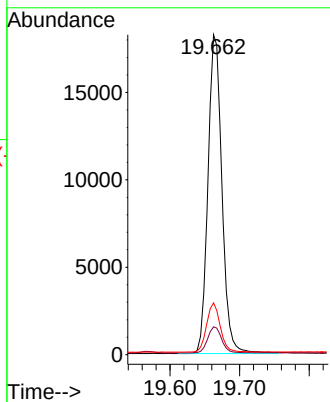
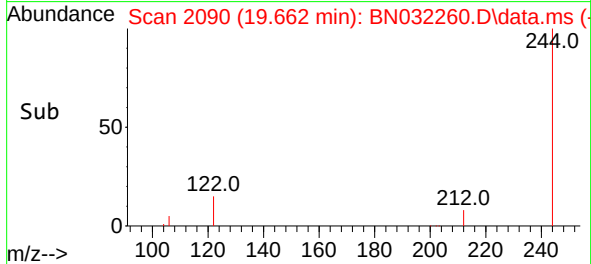
Instrument :
 BNA_N
 ClientSampleId :
 GWBR-05-257-278-062424-FD



Tgt Ion:244 Resp: 2544
 Ion Ratio Lower Upper
 244 100
 212 8.7 6.5 9.7
 122 16.2 11.4 17.0

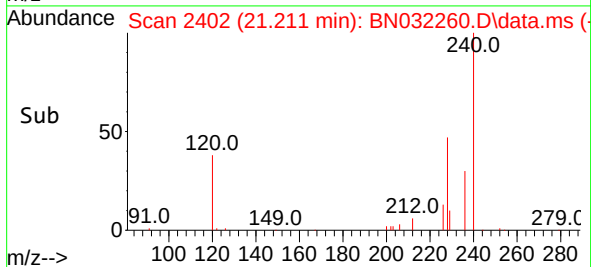
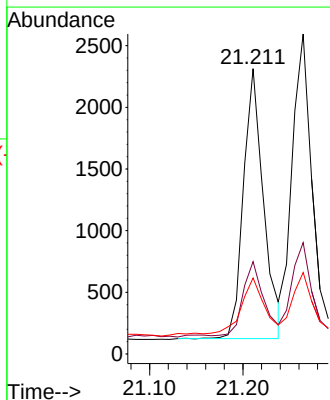
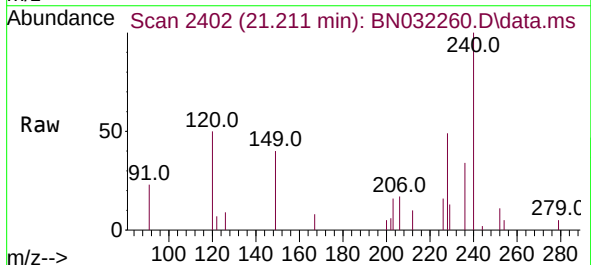
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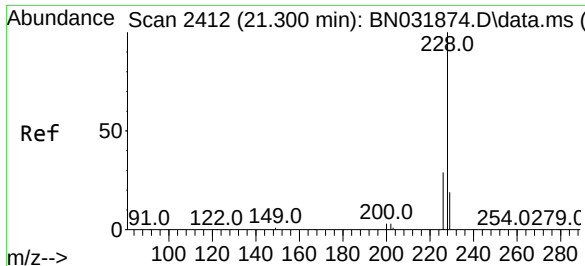
Reviewed By :Yogesh Patel 06/27/2024
 Supervised By :mohammad ahmed 06/27/2024



#32
 Benzo(a)anthracene
 Concen: 0.029 ng
 RT: 21.211 min Scan# 2402
 Delta R.T. -0.000 min
 Lab File: BN032260.D
 Acq: 26 Jun 2024 04:07

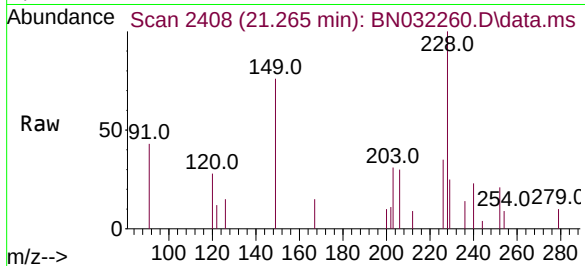
Tgt Ion:228 Resp: 3285
 Ion Ratio Lower Upper
 228 100
 226 32.4 21.8 32.6
 229 26.6 15.8 23.8#





#33
Chrysene
Concen: 0.033 ng
RT: 21.265 min Scan# 2412
Delta R.T. -0.000 min
Lab File: BN032260.D
Acq: 26 Jun 2024 04:07

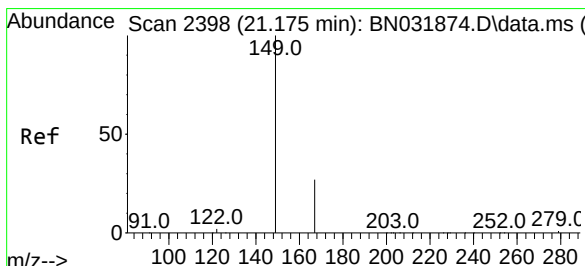
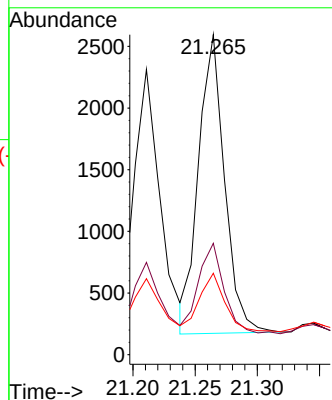
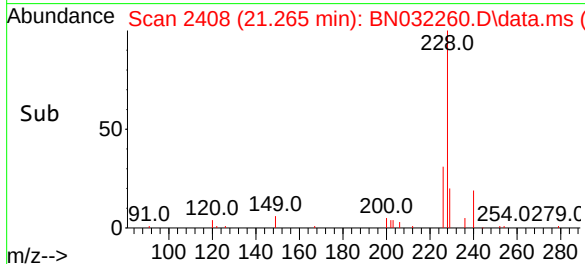
Instrument : BNA_N
ClientSampleId : GWBR-05-257-278-062424-FD



Tgt Ion: 228 Resp: 3518
Ion Ratio Lower Upper
228 100
226 34.8 23.6 35.4
229 25.5 15.8 23.6

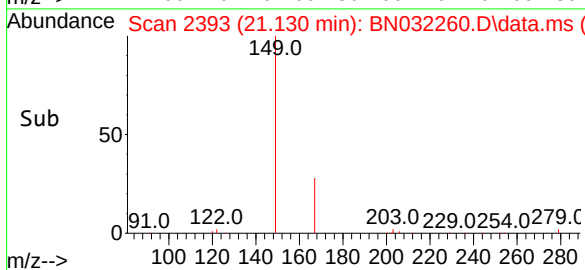
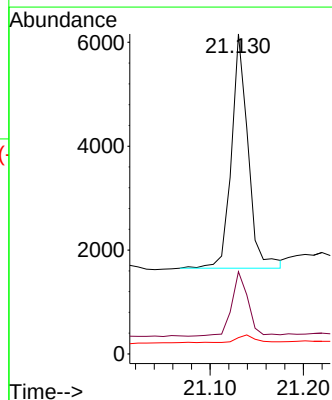
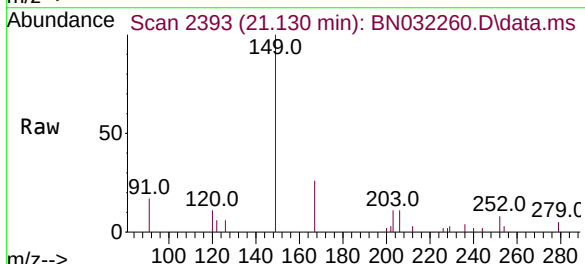
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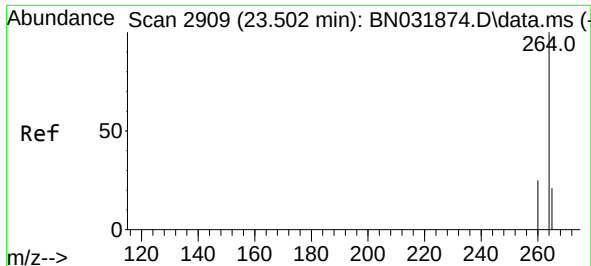
Reviewed By : Yogesh Patel 06/27/2024
Supervised By : mohammad ahmed 06/27/2024



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.072 ng
RT: 21.130 min Scan# 2393
Delta R.T. -0.018 min
Lab File: BN032260.D
Acq: 26 Jun 2024 04:07

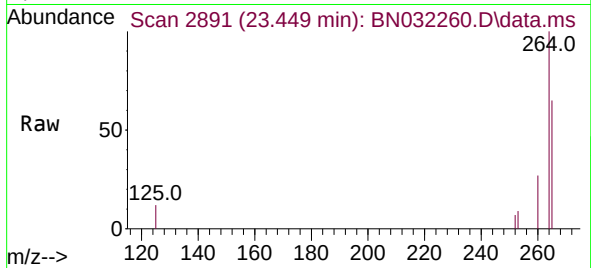
Tgt Ion: 149 Resp: 5588
Ion Ratio Lower Upper
149 100
167 27.4 22.5 33.7
279 3.3 2.9 4.3





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.449 min Scan# 21
Delta R.T. -0.003 min
Lab File: BN032260.D
Acq: 26 Jun 2024 04:07

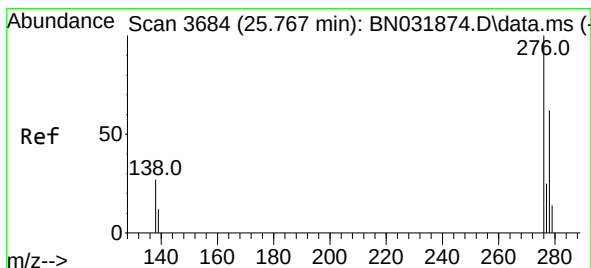
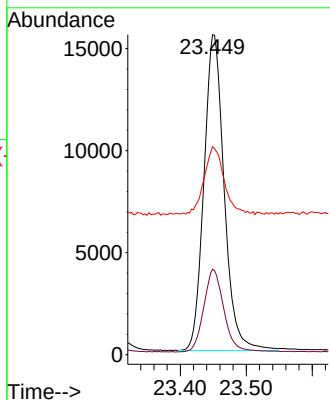
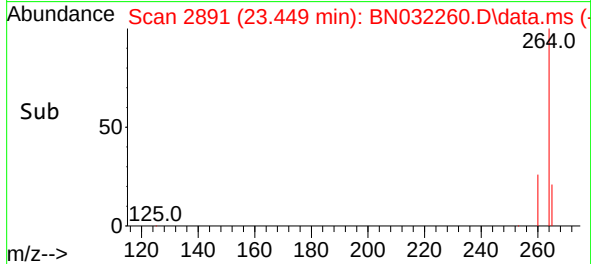
Instrument :
BNA_N
ClientSampleId :
GWBR-05-257-278-062424-FD



Tgt Ion:264 Resp: 33018
Ion Ratio Lower Upper
264 100
260 26.7 20.5 30.7
265 65.0 39.6 59.4

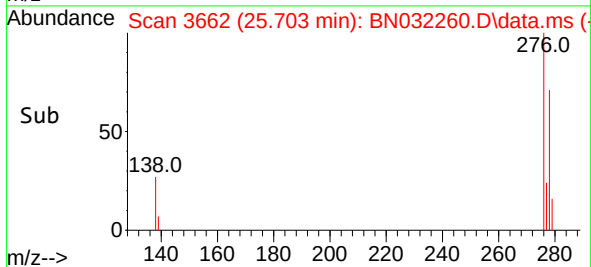
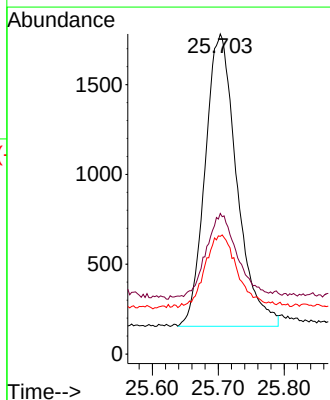
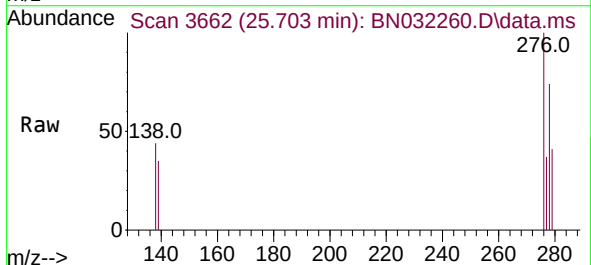
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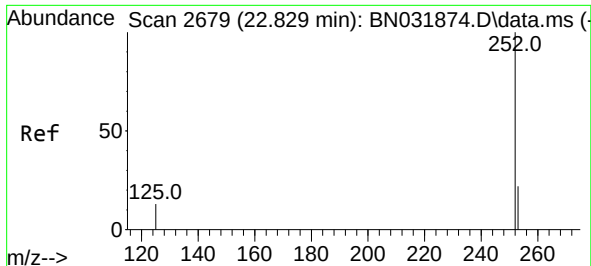
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.044 ng
RT: 25.703 min Scan# 3662
Delta R.T. 0.009 min
Lab File: BN032260.D
Acq: 26 Jun 2024 04:07

Tgt Ion:276 Resp: 5413
Ion Ratio Lower Upper
276 100
138 27.8 21.5 32.3
277 25.3 19.8 29.8





#37

Benzo(b)fluoranthene

Concen: 0.043 ng

RT: 22.782 min Scan# 2663

Delta R.T. -0.003 min

Lab File: BN032260.D

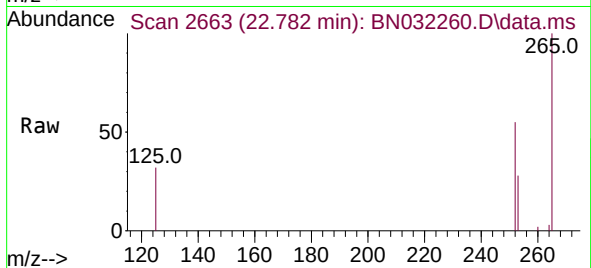
Acq: 26 Jun 2024 04:07

Instrument :

BNA_N

ClientSampleId :

GWBR-05-257-278-062424-FD



Tgt Ion:252 Resp: 522

Ion Ratio Lower Upper

252 100

253 51.7 20.2 30.2

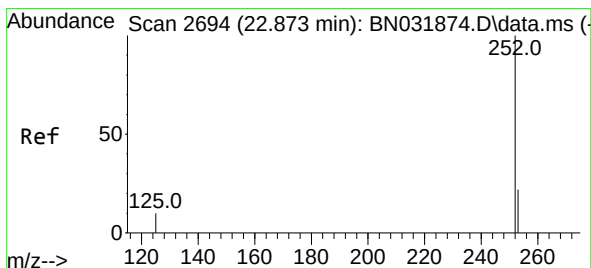
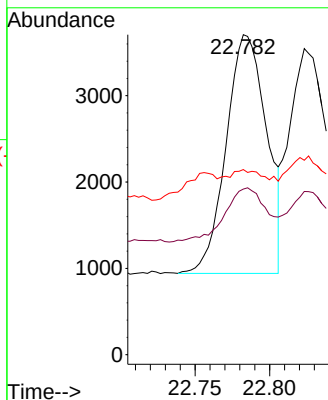
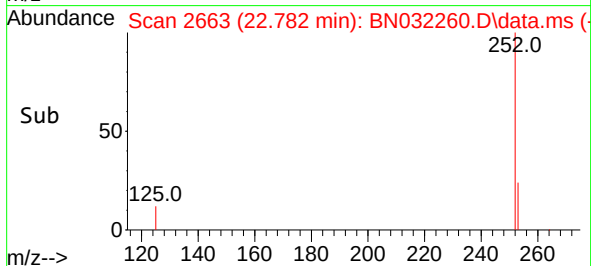
125 57.9 14.2 21.4

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Reviewed By :Yogesh Patel 06/27/2024

Supervised By :mohammad ahmed 06/27/2024



#38

Benzo(k)fluoranthene

Concen: 0.041 ng m

RT: 22.823 min Scan# 2677

Delta R.T. -0.006 min

Lab File: BN032260.D

Acq: 26 Jun 2024 04:07

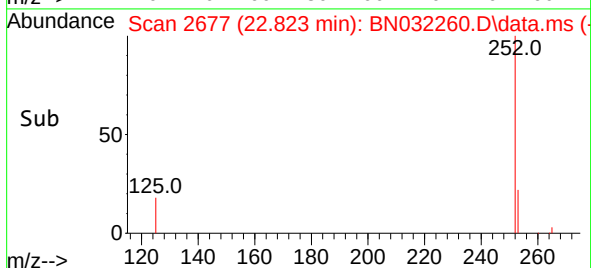
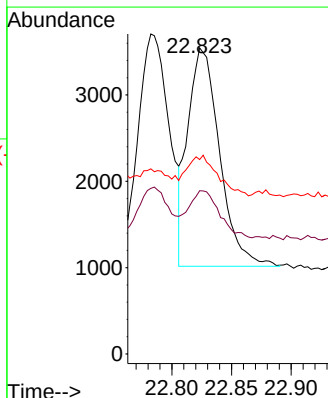
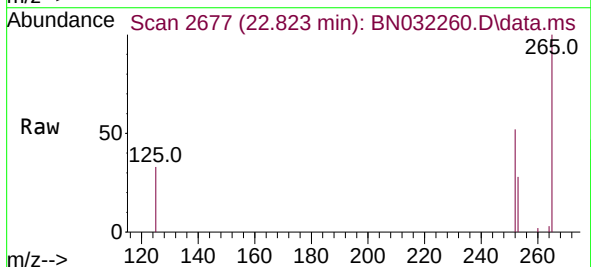
Tgt Ion:252 Resp: 4703

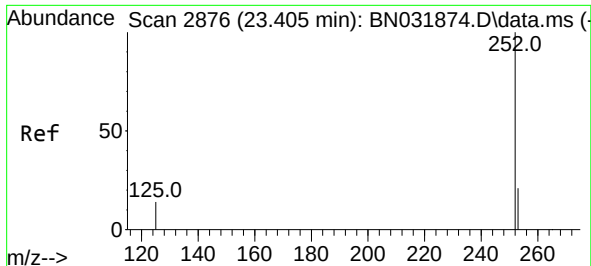
Ion Ratio Lower Upper

252 100

253 53.3 19.9 29.9#

125 63.6 13.0 19.4#





#39

Benzo(a)pyrene

Concen: 0.026 ng

RT: 23.355 min Scan# 21

Delta R.T. -0.003 min

Lab File: BN032260.D

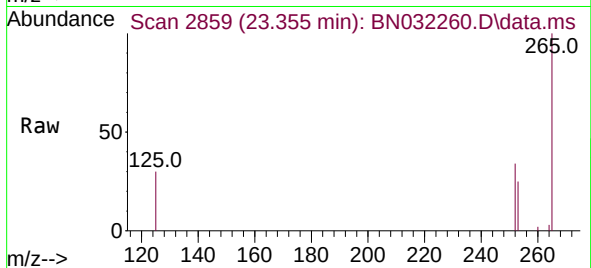
Acq: 26 Jun 2024 04:07

Instrument :

BNA_N

ClientSampleId :

GWBR-05-257-278-062424-FD



Tgt Ion:252 Resp: 2740

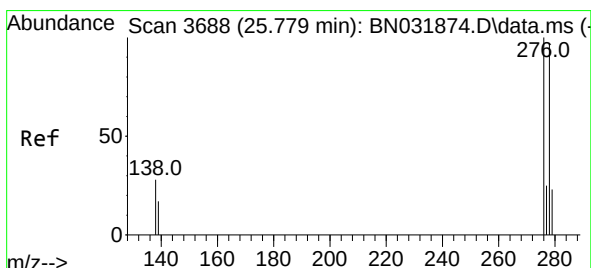
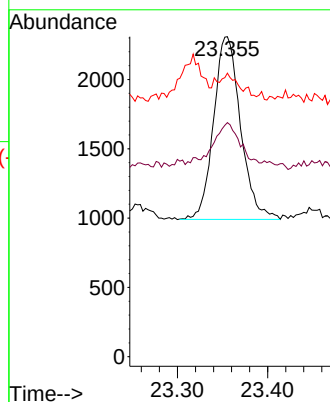
Ion	Ratio	Lower	Upper
252	100		
253	73.1	20.5	30.7
125	88.6	16.4	24.6

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Reviewed By :Yogesh Patel 06/27/2024

Supervised By :mohammad ahmed 06/27/2024



#40

Dibenzo(a,h)anthracene

Concen: 0.041 ng

RT: 25.712 min Scan# 3665

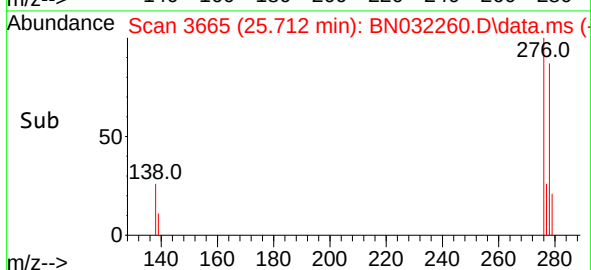
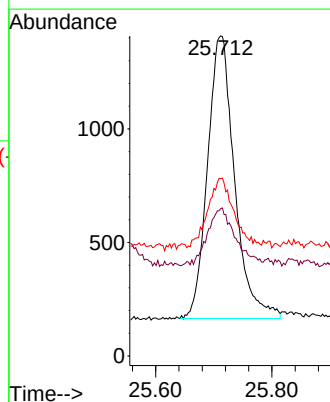
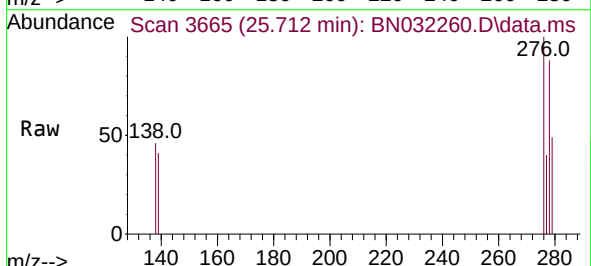
Delta R.T. 0.006 min

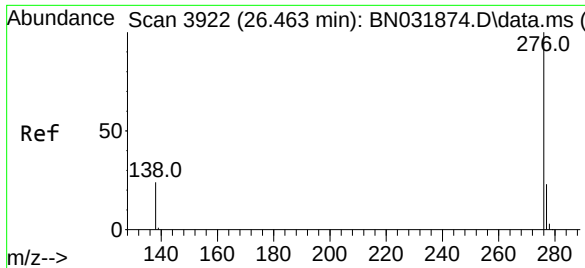
Lab File: BN032260.D

Acq: 26 Jun 2024 04:07

Tgt Ion:278 Resp: 4026

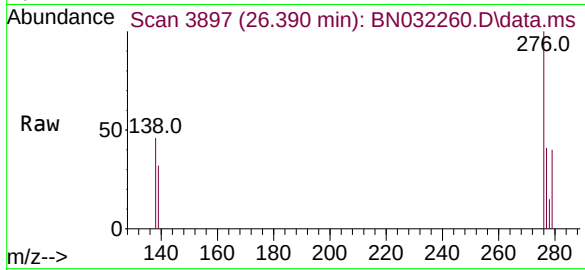
Ion	Ratio	Lower	Upper
278	100		
139	46.1	17.0	25.4
279	55.4	21.4	32.0





#41
Benzo(g,h,i)perylene
Concen: 0.038 ng
RT: 26.390 min Scan# 3897
Delta R.T. 0.012 min
Lab File: BN032260.D
Acq: 26 Jun 2024 04:07

Instrument :
BNA_N
ClientSampleId :
GWBR-05-257-278-062424-FD



Tgt Ion:276 Resp: 3910
Ion Ratio Lower Upper
276 100
277 41.0 20.2 30.2
138 46.5 20.6 31.0

Manual Integrations
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Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024

