

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062524\
 Data File : BN032261.D
 Acq On : 26 Jun 2024 04:43
 Operator : MA/JU
 Sample : P3054-04
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWBR-05-281-302-062424

Quant Time: Jun 26 05:50:32 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	7642	0.400	ng	-0.01
7) Naphthalene-d8	10.410	136	22146	0.400	ng	-0.01
13) Acenaphthene-d10	14.274	164	13064	0.400	ng	-0.01
19) Phenanthrene-d10	17.029	188	27225	0.400	ng	0.00
29) Chrysene-d12	21.229	240	23989	0.400	ng	# 0.00
35) Perylene-d12	23.452	264	26224	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.241	112	3888	0.179	ng	0.00
5) Phenol-d6	6.830	99	2105	0.074	ng	0.00
8) Nitrobenzene-d5	8.798	82	5030	0.273	ng	0.00
11) 2-Methylnaphthalene-d10	12.005	152	10029	0.284	ng	-0.02
14) 2,4,6-Tribromophenol	15.787	330	1889	0.302	ng	0.00
15) 2-Fluorobiphenyl	12.895	172	17580	0.355	ng	-0.01
27) Fluoranthene-d10	19.063	212	24198	0.327	ng	0.00
31) Terphenyl-d14	19.663	244	21133	0.360	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.197	88	1375	0.147	ng	# 79
32) Benzo(a)anthracene	21.211	228	2143	0.024	ng	# 84
33) Chrysene	21.265	228	2278	0.027	ng	# 87
34) Bis(2-ethylhexyl)phtha...	21.130	149	3730	0.060	ng	# 95
36) Indeno(1,2,3-cd)pyrene	25.703	276	3229	0.033	ng	98
37) Benzo(b)fluoranthene	22.785	252	3303	0.035	ng	# 4
38) Benzo(k)fluoranthene	22.829	252	3130m	0.035	ng	
39) Benzo(a)pyrene	23.356	252	1826	0.022	ng	# 1
40) Dibenzo(a,h)anthracene	25.715	278	2343	0.030	ng	# 13
41) Benzo(g,h,i)perylene	26.390	276	2286	0.028	ng	# 42

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

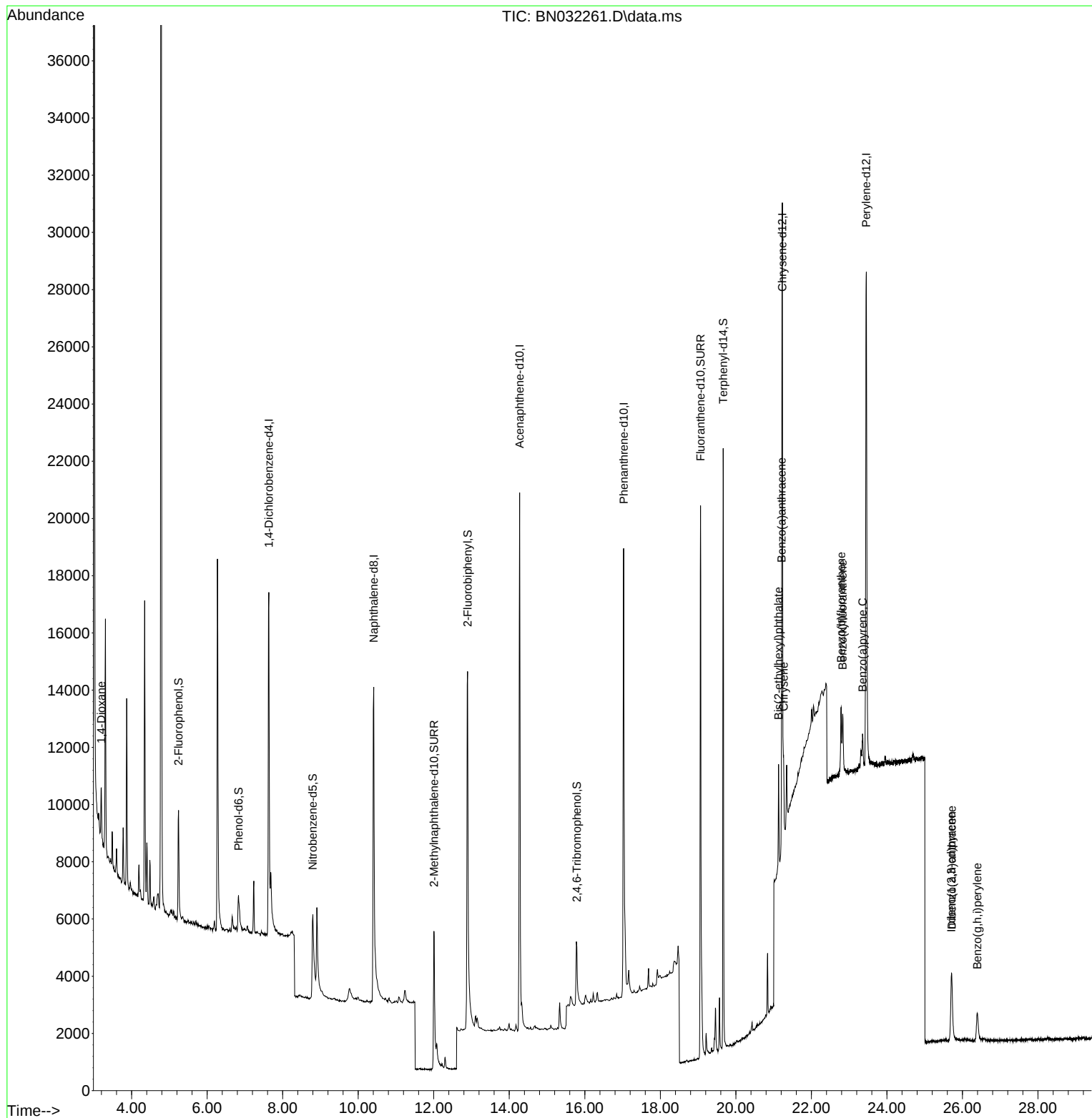
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062524\
Data File : BN032261.D
Acq On : 26 Jun 2024 04:43
Operator : MA/JU
Sample : P3054-04
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ALS Vial : 65 Sample Multiplier: 1

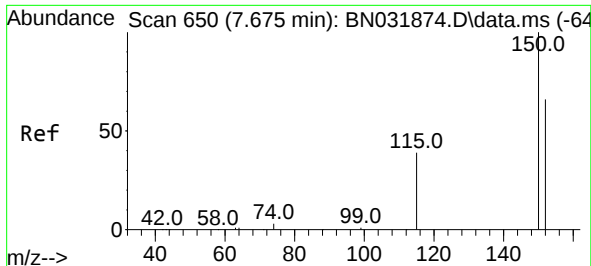
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BNA_N
ClientSampleId :
GWBR-05-281-302-062424

Quant Time: Jun 26 05:50:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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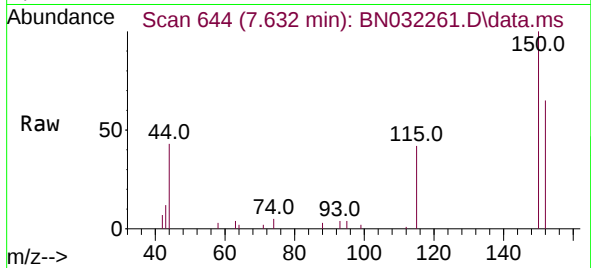
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.632 min Scan# 64
 Delta R.T. -0.014 min
 Lab File: BN032261.D
 Acq: 26 Jun 2024 04:43

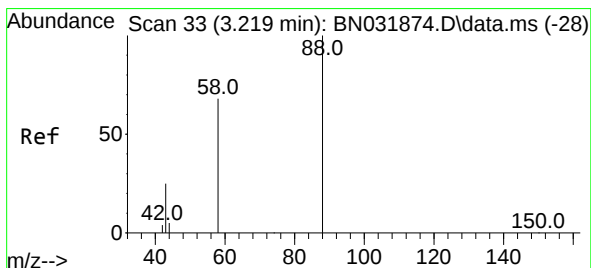
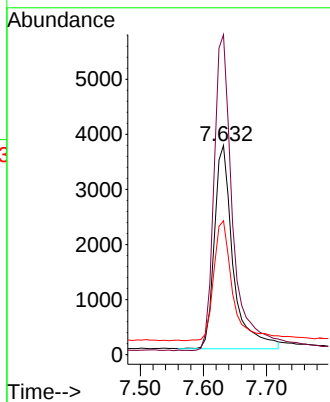
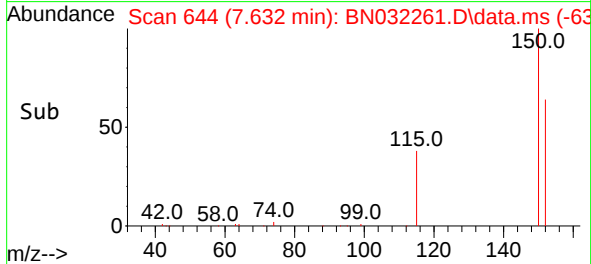
Instrument :
 BNA_N
 ClientSampleId :
 GWBR-05-281-302-062424



Tgt Ion: 152 Resp: 764
 Ion Ratio Lower Upper
 152 100
 150 152.9 121.0 181.4
 115 64.0 49.4 74.0

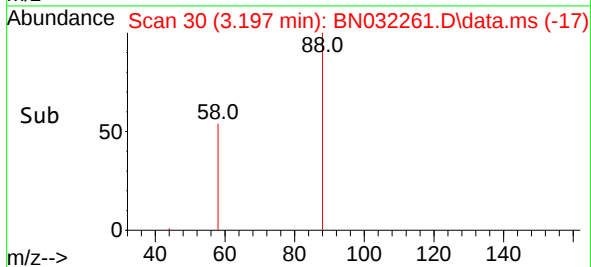
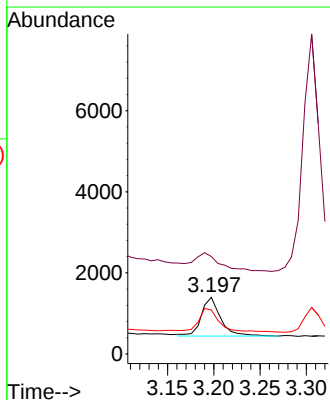
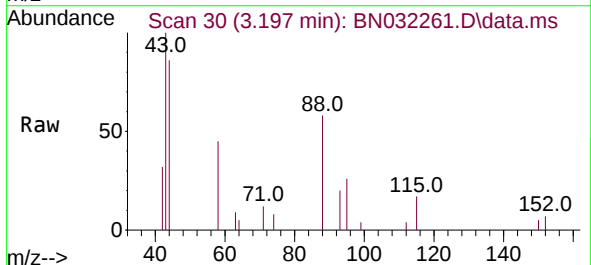
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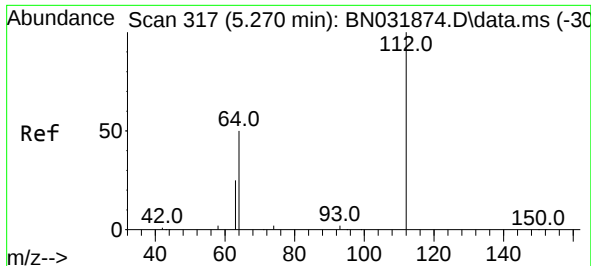
Reviewed By :Yogesh Patel 06/27/2024
 Supervised By :mohammad ahmed 06/27/2024



#2
 1,4-Dioxane
 Concen: 0.147 ng
 RT: 3.197 min Scan# 30
 Delta R.T. -0.007 min
 Lab File: BN032261.D
 Acq: 26 Jun 2024 04:43

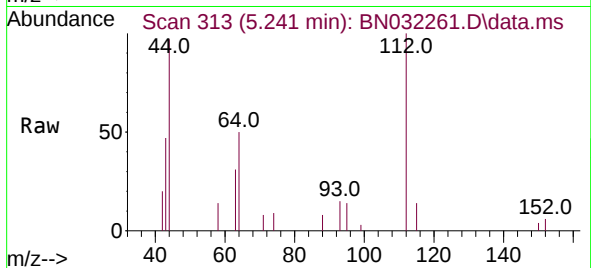
Tgt Ion: 88 Resp: 1375
 Ion Ratio Lower Upper
 88 100
 43 64.2 22.7 34.1#
 58 64.8 51.3 76.9





#4
2-Fluorophenol
Concen: 0.179 ng
RT: 5.241 min Scan# 317
Delta R.T. -0.007 min
Lab File: BN032261.D
Acq: 26 Jun 2024 04:43

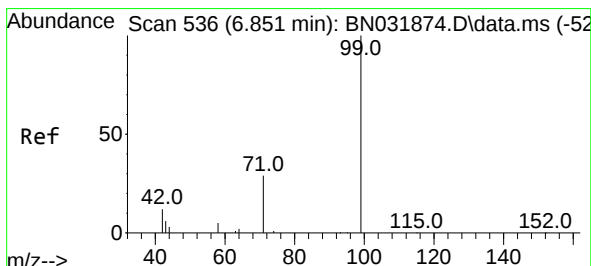
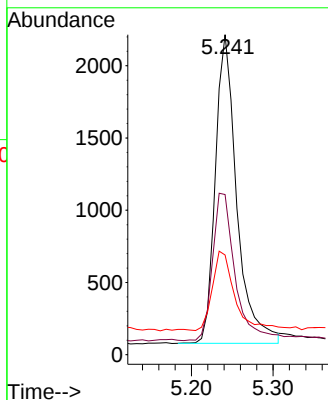
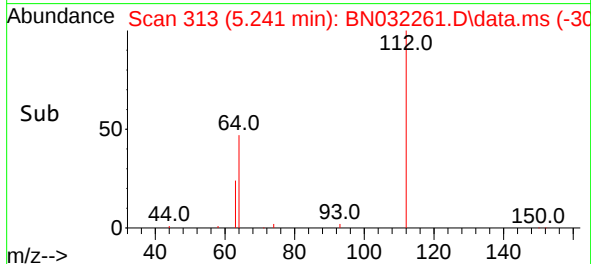
Instrument :
BNA_N
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GWBR-05-281-302-062424



Tgt Ion: 112 Resp: 388
Ion Ratio Lower Upper
112 100
64 50.3 42.4 63.6
63 26.7 22.1 33.1

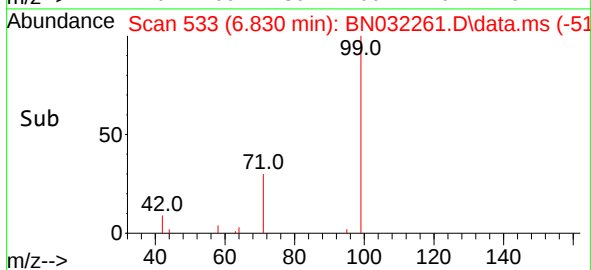
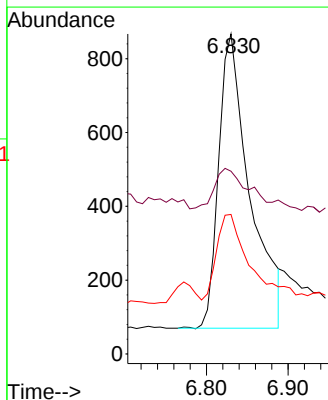
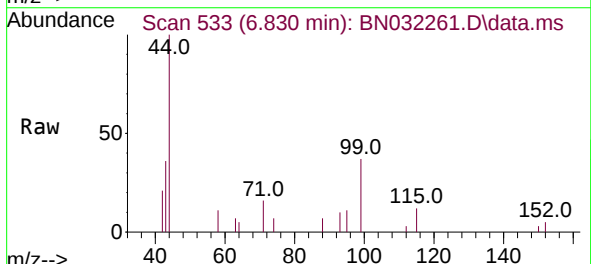
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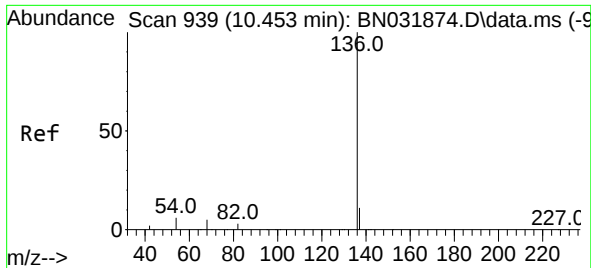
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#5
Phenol-d6
Concen: 0.074 ng
RT: 6.830 min Scan# 533
Delta R.T. 0.000 min
Lab File: BN032261.D
Acq: 26 Jun 2024 04:43

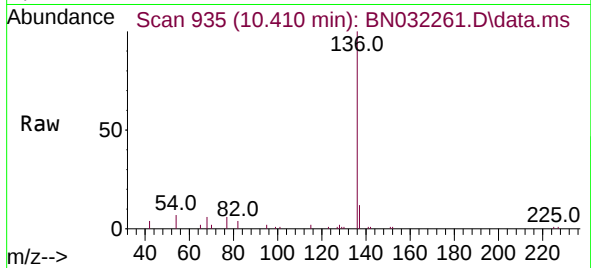
Tgt Ion: 99 Resp: 2105
Ion Ratio Lower Upper
99 100
42 13.7 12.8 19.2
71 28.9 25.4 38.2





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.410 min Scan# 911
Delta R.T. -0.011 min
Lab File: BN032261.D
Acq: 26 Jun 2024 04:43

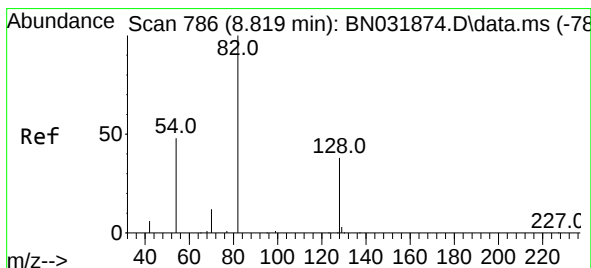
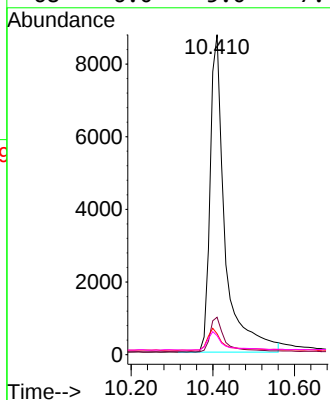
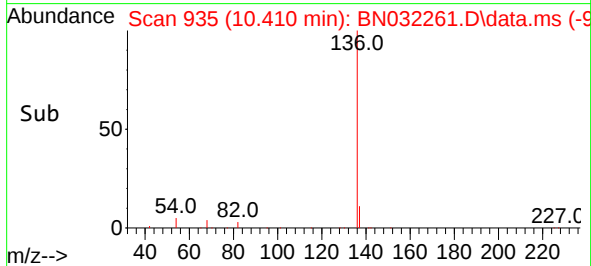
Instrument :
BNA_N
ClientSampleId :
GWBR-05-281-302-062424



Tgt Ion:136 Resp: 22140
Ion Ratio Lower Upper
136 100
137 11.7 8.9 13.3
54 6.5 5.6 8.4
68 6.0 5.0 7.4

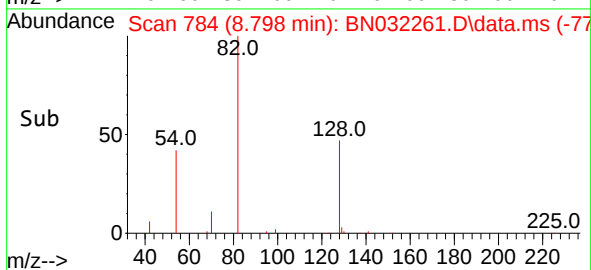
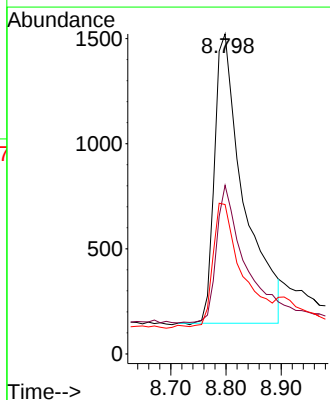
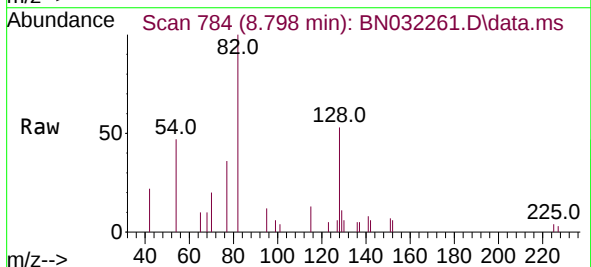
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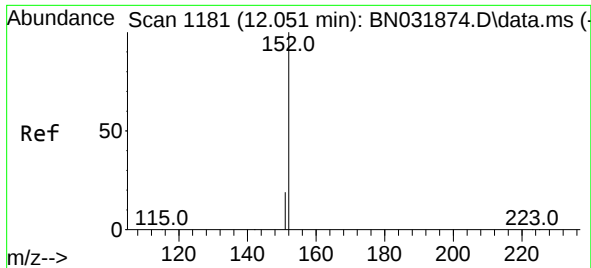
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#8
Nitrobenzene-d5
Concen: 0.273 ng
RT: 8.798 min Scan# 784
Delta R.T. 0.000 min
Lab File: BN032261.D
Acq: 26 Jun 2024 04:43

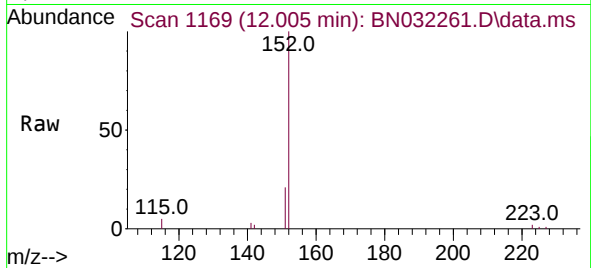
Tgt Ion: 82 Resp: 5030
Ion Ratio Lower Upper
82 100
128 52.7 32.1 48.1#
54 46.7 39.7 59.5





#11
2-Methylnaphthalene-d10
Concen: 0.284 ng
RT: 12.005 min Scan# 1181
Delta R.T. -0.015 min
Lab File: BN032261.D
Acq: 26 Jun 2024 04:43

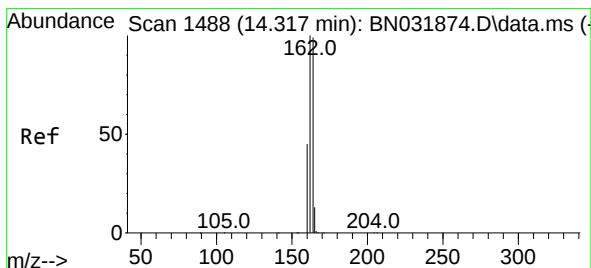
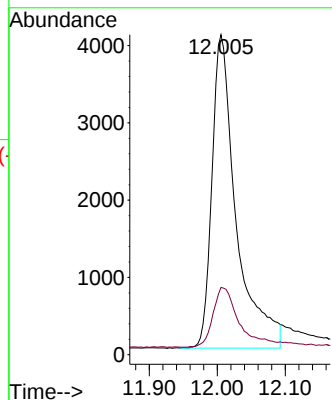
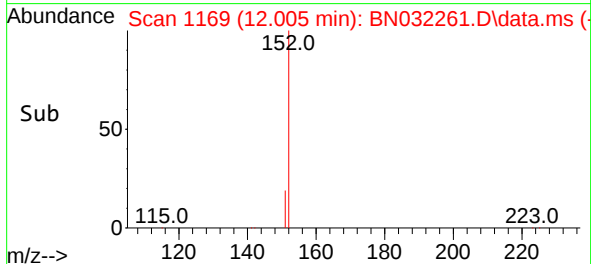
Instrument :
BNA_N
ClientSampleId :
GWBR-05-281-302-062424



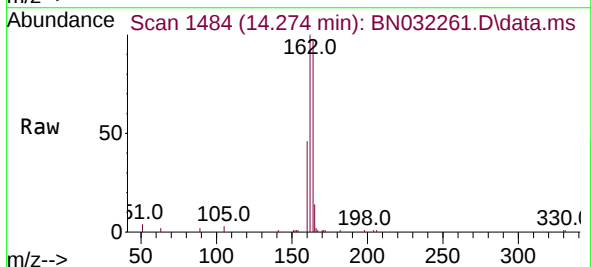
Tgt Ion:152 Resp: 10029
Ion Ratio Lower Upper
152 100
151 20.6 16.3 24.5

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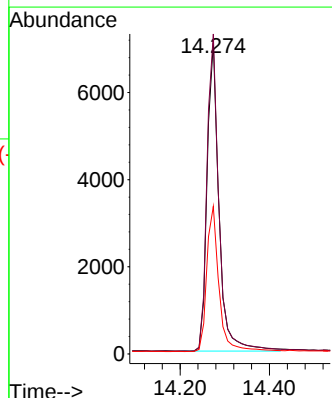
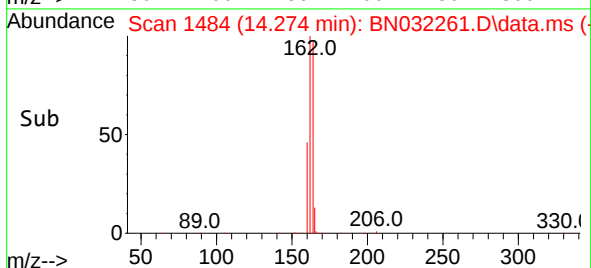
Reviewed By :Yogesh Patel 06/27/2024
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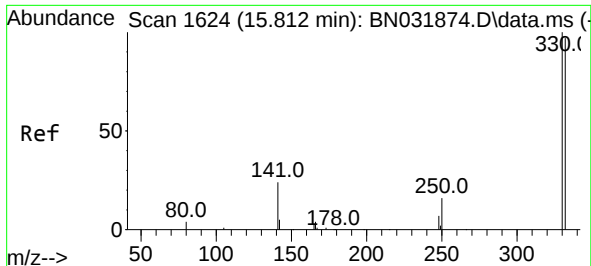


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.274 min Scan# 1484
Delta R.T. -0.011 min
Lab File: BN032261.D
Acq: 26 Jun 2024 04:43



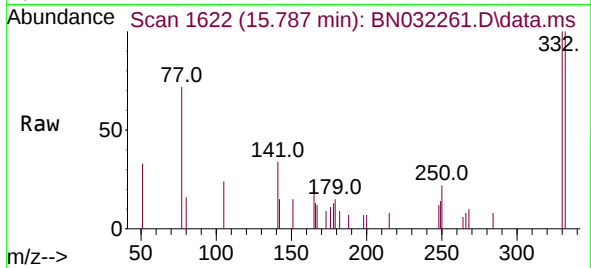
Tgt Ion:164 Resp: 13064
Ion Ratio Lower Upper
164 100
162 102.8 80.7 121.1
160 47.4 36.2 54.4





#14
2,4,6-Tribromophenol
Concen: 0.302 ng
RT: 15.787 min Scan# 1622
Delta R.T. 0.000 min
Lab File: BN032261.D
Acq: 26 Jun 2024 04:43

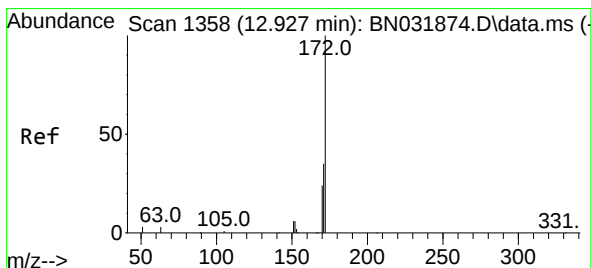
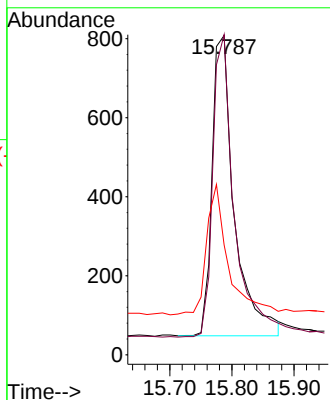
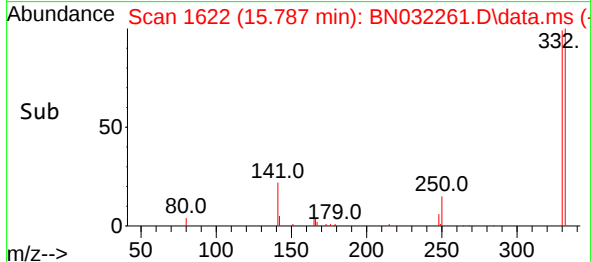
Instrument :
BNA_N
ClientSampleId :
GWBR-05-281-302-062424



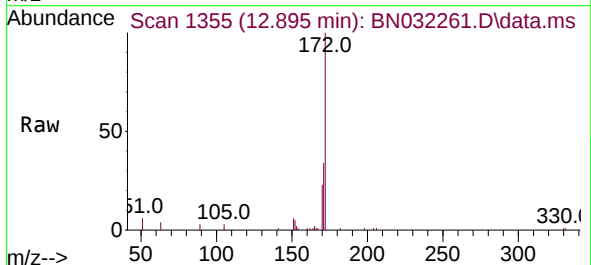
Tgt Ion: 330 Resp: 1889
Ion Ratio Lower Upper
330 100
332 98.0 77.5 116.3
141 42.5 34.7 52.1

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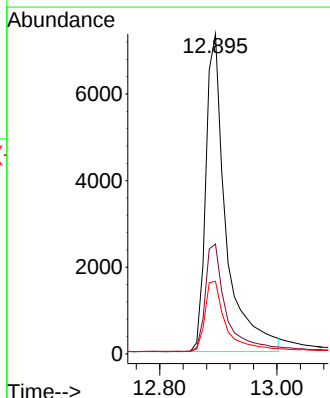
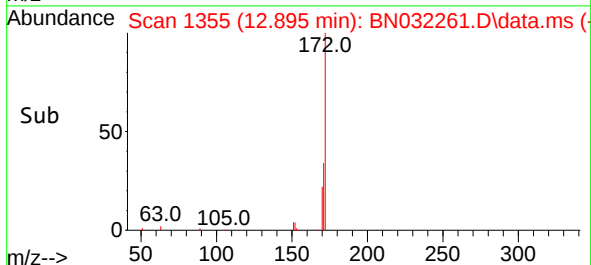
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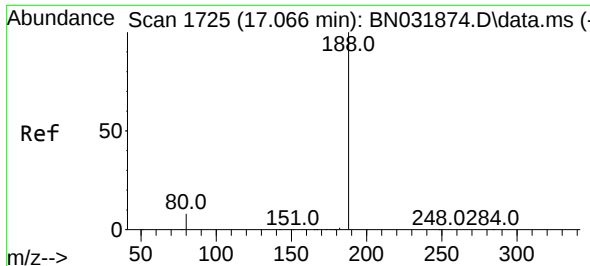


#15
2-Fluorobiphenyl
Concen: 0.355 ng
RT: 12.895 min Scan# 1355
Delta R.T. -0.011 min
Lab File: BN032261.D
Acq: 26 Jun 2024 04:43



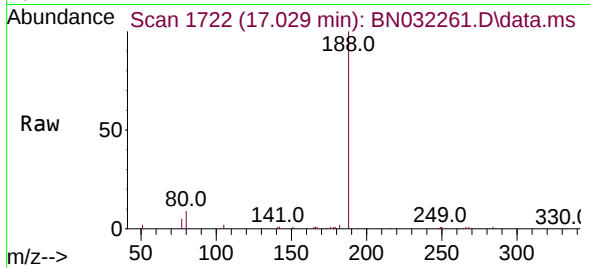
Tgt Ion: 172 Resp: 17580
Ion Ratio Lower Upper
172 100
171 34.4 28.6 42.8
170 22.7 19.2 28.8





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.029 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN032261.D
Acq: 26 Jun 2024 04:43

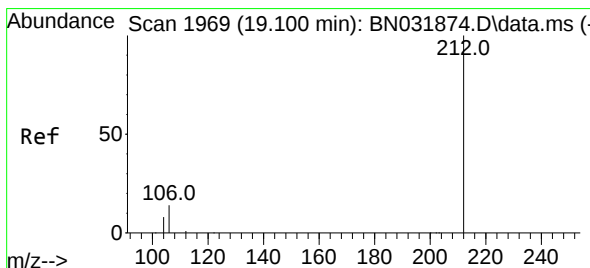
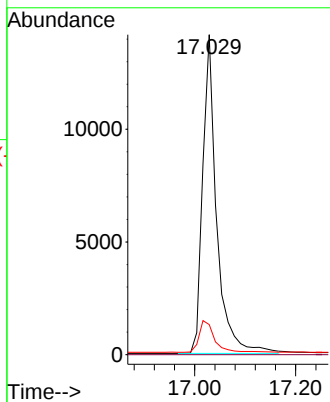
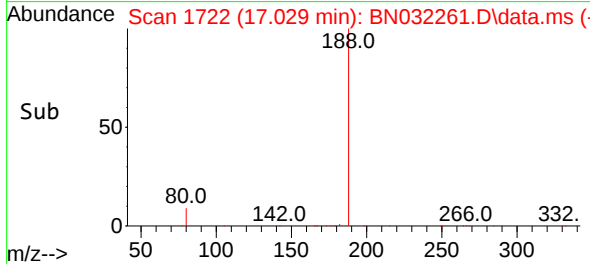
Instrument :
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ClientSampleId :
GWBR-05-281-302-062424



Tgt Ion:188 Resp: 27225
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.4 6.4 9.6

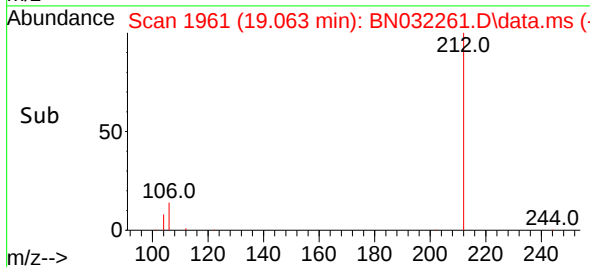
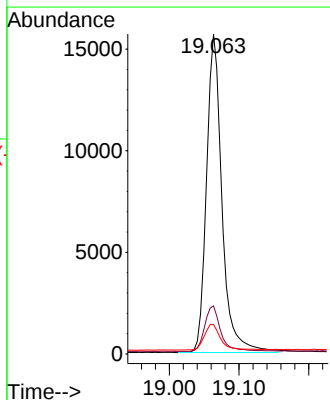
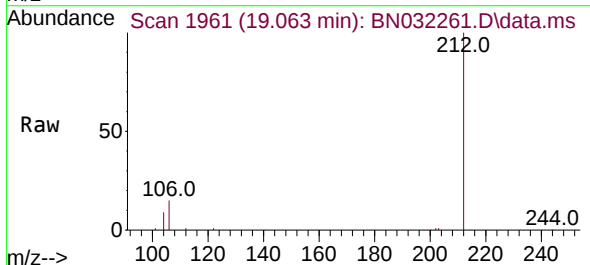
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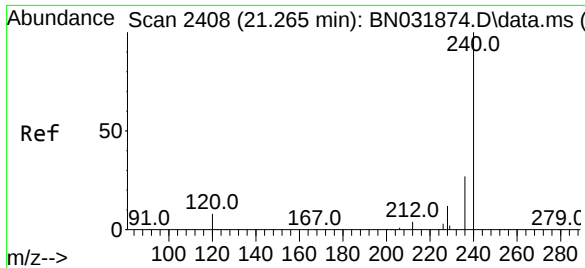
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#27
Fluoranthene-d10
Concen: 0.327 ng
RT: 19.063 min Scan# 1961
Delta R.T. -0.009 min
Lab File: BN032261.D
Acq: 26 Jun 2024 04:43

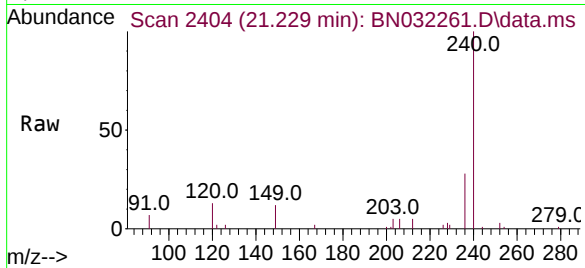
Tgt Ion:212 Resp: 24198
Ion Ratio Lower Upper
212 100
106 14.7 11.8 17.8
104 8.6 6.6 10.0





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.229 min Scan# 2404
Delta R.T. 0.000 min
Lab File: BN032261.D
Acq: 26 Jun 2024 04:43

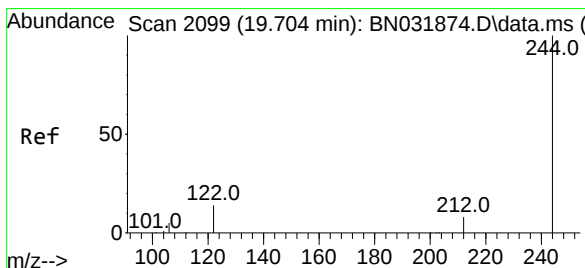
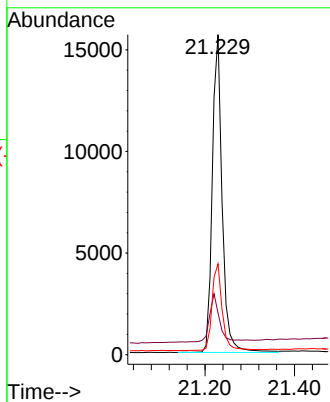
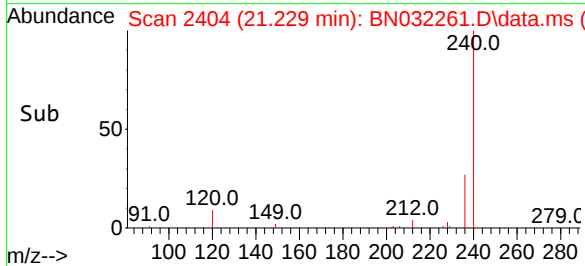
Instrument :
BNA_N
ClientSampleId :
GWBR-05-281-302-062424



Tgt Ion:240 Resp: 23989
Ion Ratio Lower Upper
240 100
120 13.0 8.2 12.4
236 28.4 21.8 32.8

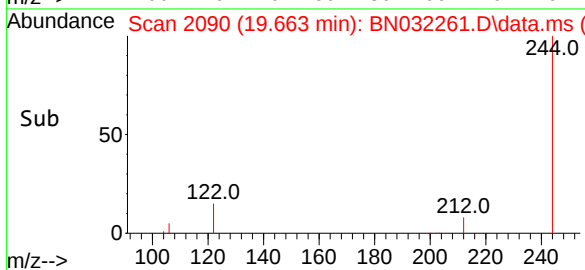
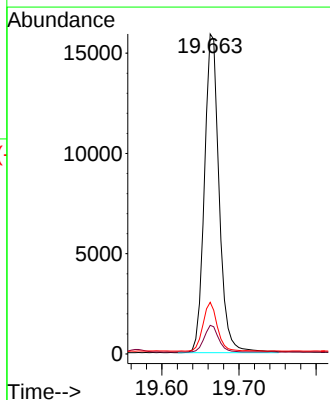
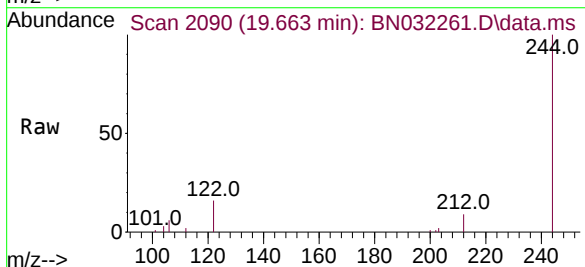
Manual Integrations
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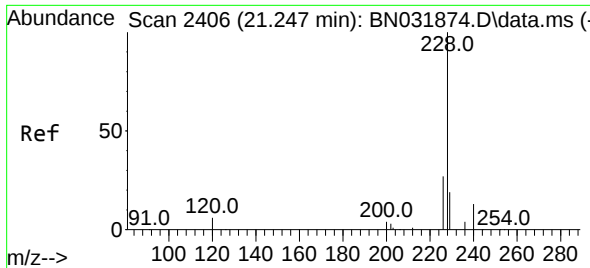
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#31
Terphenyl-d14
Concen: 0.360 ng
RT: 19.663 min Scan# 2090
Delta R.T. -0.009 min
Lab File: BN032261.D
Acq: 26 Jun 2024 04:43

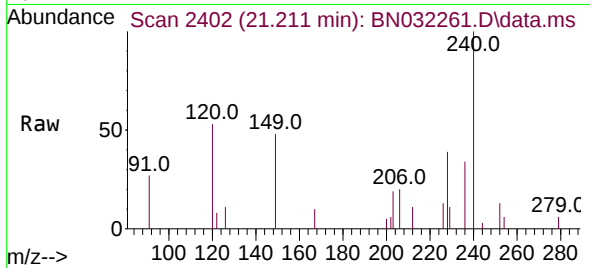
Tgt Ion:244 Resp: 21133
Ion Ratio Lower Upper
244 100
212 9.0 6.5 9.7
122 16.2 11.4 17.0





#32
Benzo(a)anthracene
Concen: 0.024 ng
RT: 21.211 min Scan# 2402
Delta R.T. 0.000 min
Lab File: BN032261.D
Acq: 26 Jun 2024 04:43

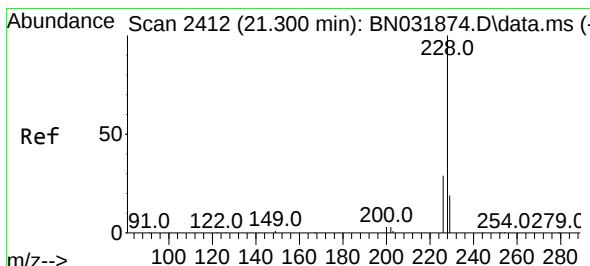
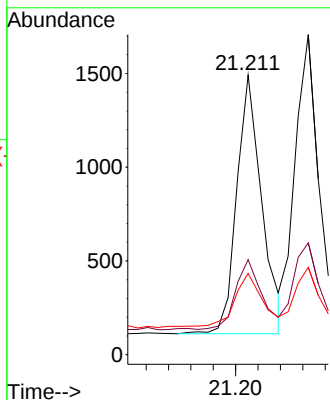
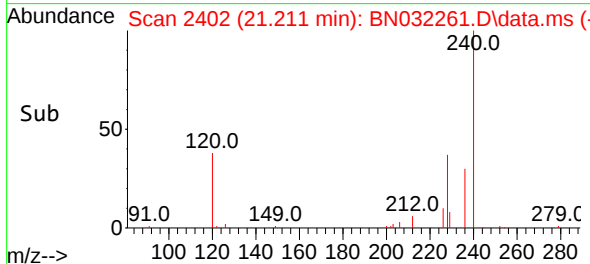
Instrument :
BNA_N
ClientSampleId :
GWBR-05-281-302-062424



Tgt Ion:228 Resp: 214
Ion Ratio Lower Upper
228 100
226 34.0 21.8 32.6
229 29.1 15.8 23.8

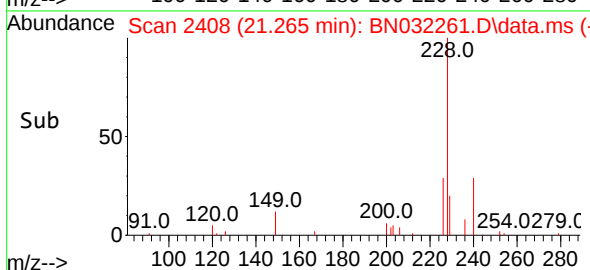
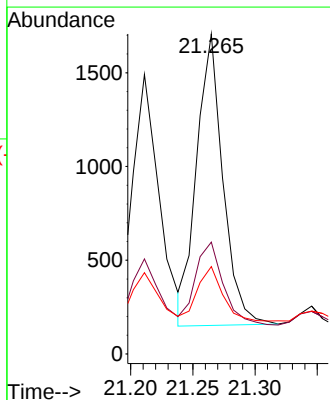
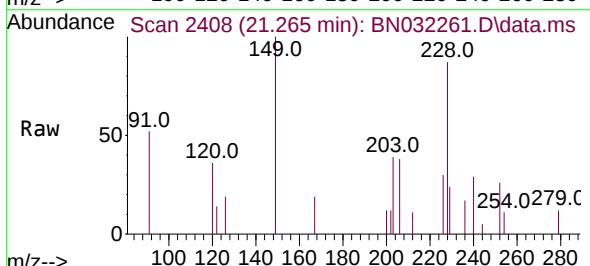
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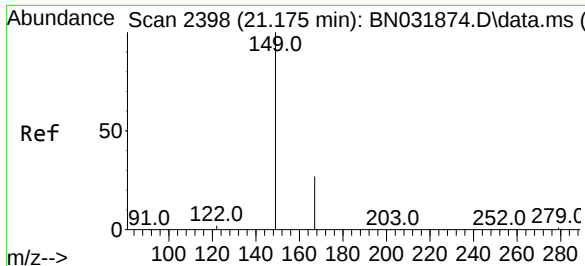
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#33
Chrysene
Concen: 0.027 ng
RT: 21.265 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BN032261.D
Acq: 26 Jun 2024 04:43

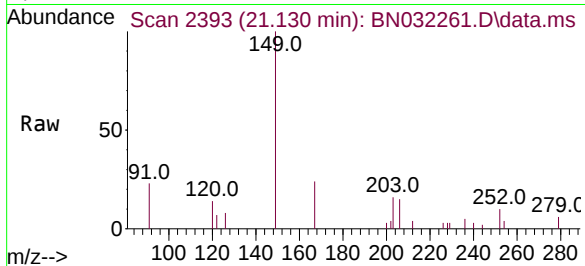
Tgt Ion:228 Resp: 2278
Ion Ratio Lower Upper
228 100
226 35.0 23.6 35.4
229 27.3 15.8 23.6





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.060 ng
RT: 21.130 min Scan# 21130
Delta R.T. -0.018 min
Lab File: BN032261.D
Acq: 26 Jun 2024 04:43

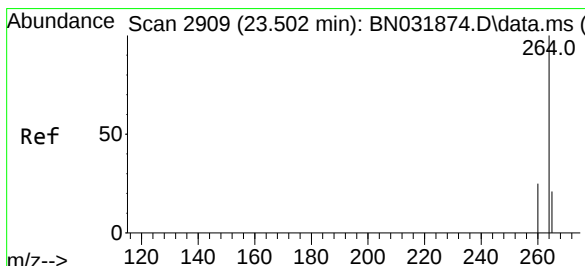
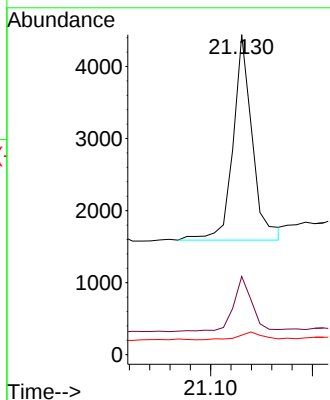
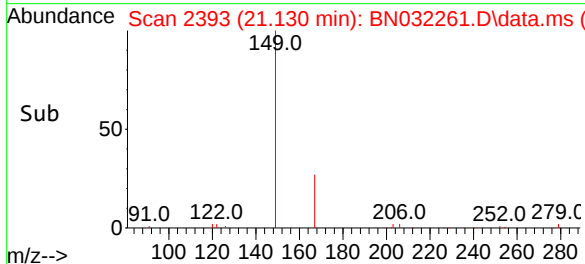
Instrument : BNA_N
ClientSampleId : GWBR-05-281-302-062424



Tgt Ion:149 Resp: 3730
Ion Ratio Lower Upper
149 100
167 25.3 22.5 33.7
279 5.2 2.9 4.3

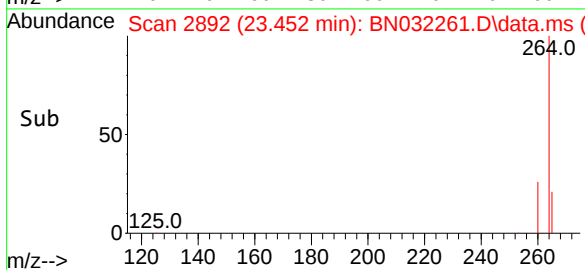
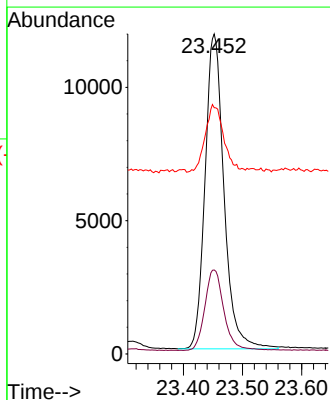
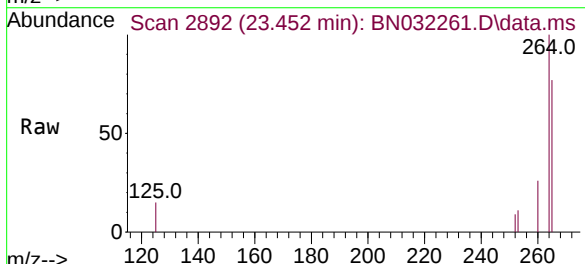
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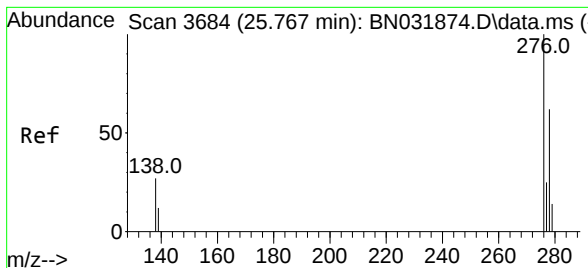
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.452 min Scan# 2892
Delta R.T. 0.000 min
Lab File: BN032261.D
Acq: 26 Jun 2024 04:43

Tgt Ion:264 Resp: 26224
Ion Ratio Lower Upper
264 100
260 26.2 20.5 30.7
265 77.0 39.6 59.4





#36

Indeno(1,2,3-cd)pyrene

Concen: 0.033 ng

RT: 25.703 min Scan# 30

Delta R.T. 0.009 min

Lab File: BN032261.D

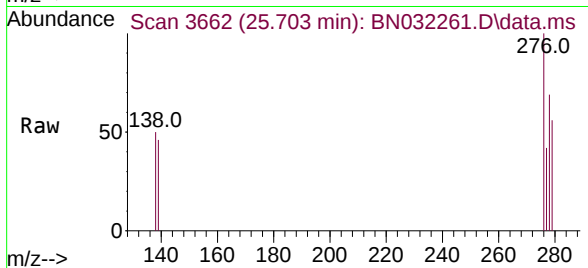
Acq: 26 Jun 2024 04:43

Instrument :

BNA_N

ClientSampleId :

GWBR-05-281-302-062424



Tgt Ion:276 Resp: 3229

Ion Ratio Lower Upper

276 100

138 25.9 21.5 32.3

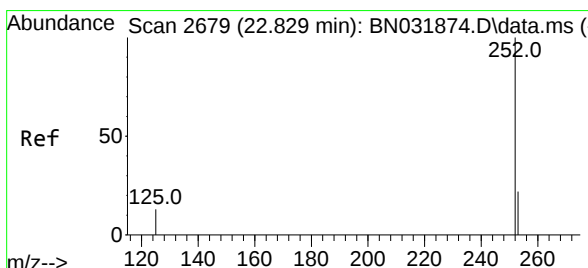
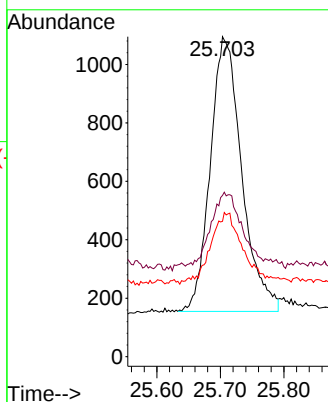
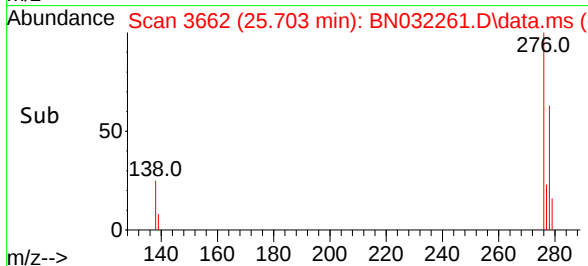
277 23.5 19.8 29.8

Manual Integrations

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Reviewed By :Yogesh Patel 06/27/2024

Supervised By :mohammad ahmed 06/27/2024



#37

Benzo(b)fluoranthene

Concen: 0.035 ng

RT: 22.785 min Scan# 2664

Delta R.T. 0.000 min

Lab File: BN032261.D

Acq: 26 Jun 2024 04:43

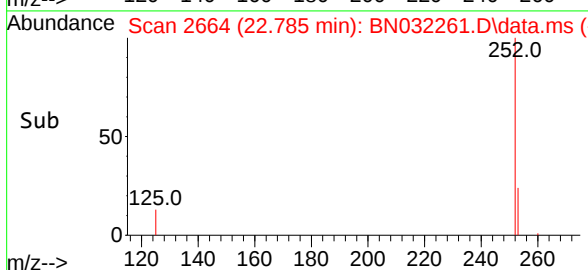
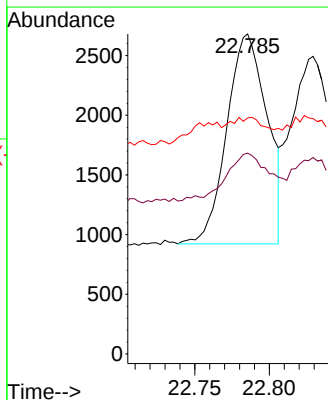
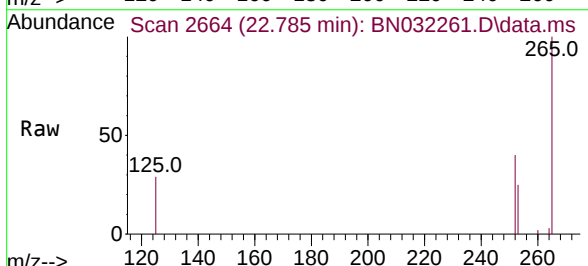
Tgt Ion:252 Resp: 3303

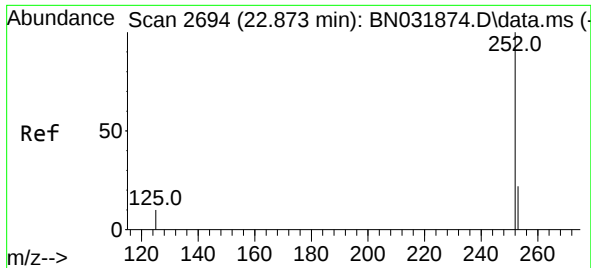
Ion Ratio Lower Upper

252 100

253 62.8 20.2 30.2#

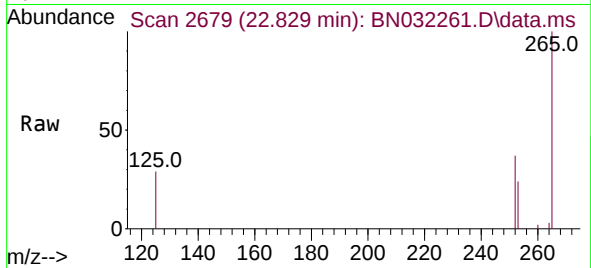
125 73.7 14.2 21.4#





#38
Benzo(k)fluoranthene
Concen: 0.035 ng m
RT: 22.829 min Scan# 20
Delta R.T. 0.000 min
Lab File: BN032261.D
Acq: 26 Jun 2024 04:43

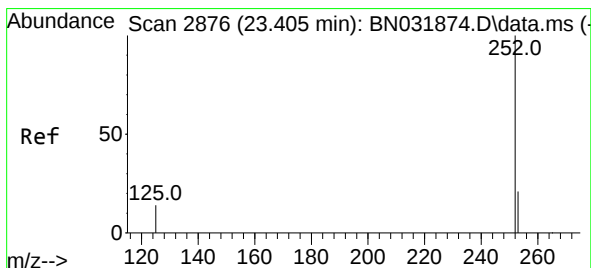
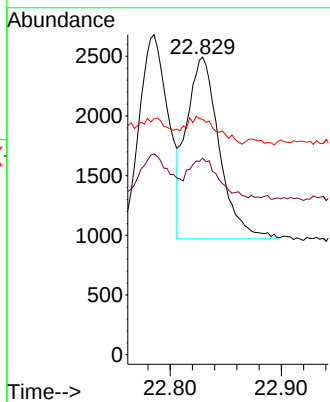
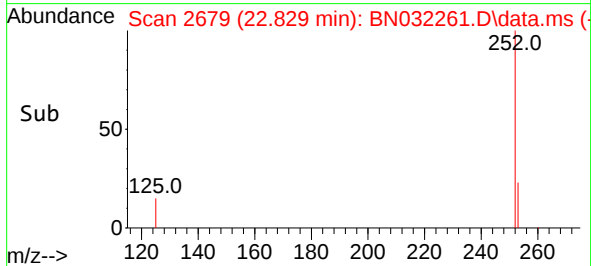
Instrument :
BNA_N
ClientSampleId :
GWBR-05-281-302-062424



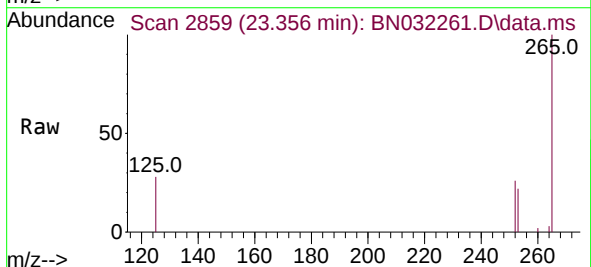
Tgt Ion:252 Resp: 3130
Ion Ratio Lower Upper
252 100
253 66.0 19.9 29.9#
125 79.1 13.0 19.4#

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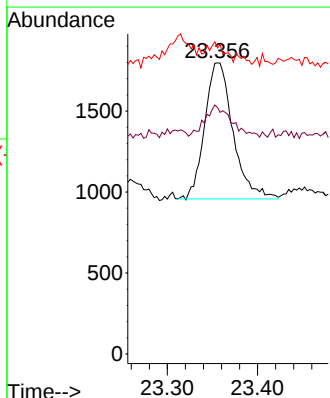
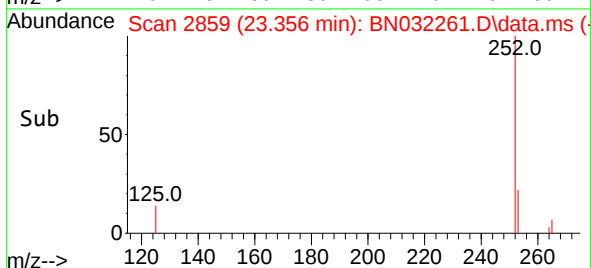
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024

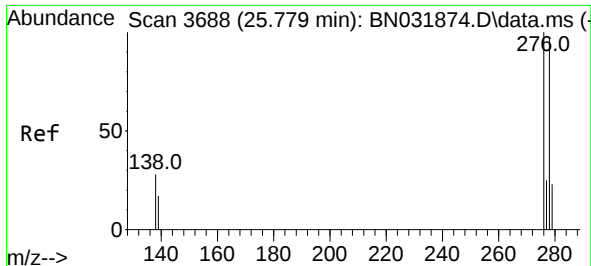


#39
Benzo(a)pyrene
Concen: 0.022 ng
RT: 23.356 min Scan# 2859
Delta R.T. -0.003 min
Lab File: BN032261.D
Acq: 26 Jun 2024 04:43



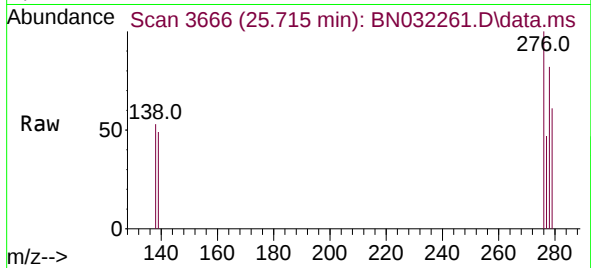
Tgt Ion:252 Resp: 1826
Ion Ratio Lower Upper
252 100
253 84.7 20.5 30.7#
125 105.2 16.4 24.6#





#40
Dibenzo(a,h)anthracene
Concen: 0.030 ng
RT: 25.715 min Scan# 30
Delta R.T. 0.009 min
Lab File: BN032261.D
Acq: 26 Jun 2024 04:43

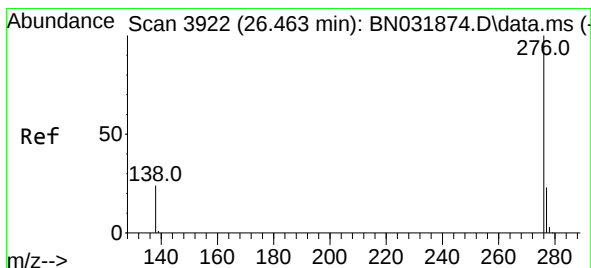
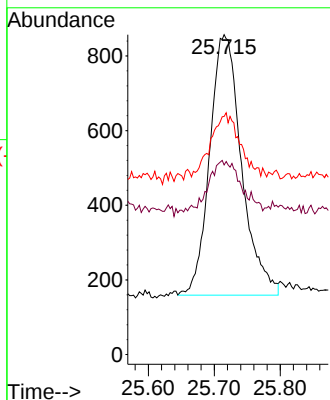
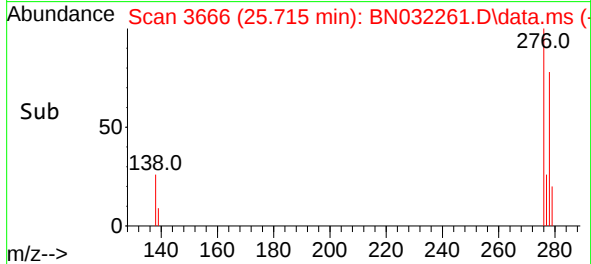
Instrument :
BNA_N
ClientSampleId :
GWBR-05-281-302-062424



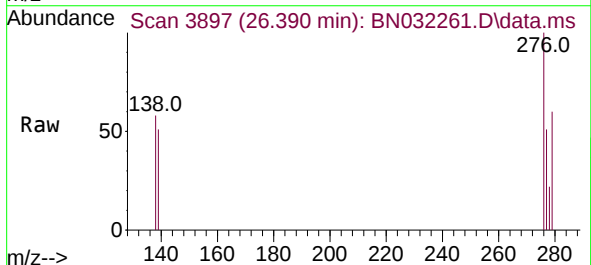
Tgt Ion:278 Resp: 234
Ion Ratio Lower Upper
278 100
139 59.3 17.0 25.4#
279 74.4 21.4 32.0#

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



#41
Benzo(g,h,i)perylene
Concen: 0.028 ng
RT: 26.390 min Scan# 3897
Delta R.T. 0.012 min
Lab File: BN032261.D
Acq: 26 Jun 2024 04:43



Tgt Ion:276 Resp: 2286
Ion Ratio Lower Upper
276 100
277 51.4 20.2 30.2#
138 57.9 20.6 31.0#

