

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061623\
 Data File : BN025884.D
 Acq On : 16 Jun 2023 15:35
 Operator : MA/JU
 Sample : 03225-02DL 10X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWOW-BR-05-75-87-061323DL

Quant Time: Jun 16 16:45:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN053123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 16 14:10:48 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/19/2023
 Supervised By :mohammad ahmed 06/20/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.005	152	4693	0.400	ng	0.00
7) Naphthalene-d8	10.824	136	11734	0.400	ng	0.01
13) Acenaphthene-d10	14.630	164	6805	0.400	ng	0.00
19) Phenanthrene-d10	17.381	188	14377	0.400	ng	0.00
29) Chrysene-d12	21.560	240	10061	0.400	ng	# 0.00
35) Perylene-d12	24.045	264	10391	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.571	112	147	0.011	ng	0.03
5) Phenol-d6	7.196	99	100	0.006	ng	0.04
8) Nitrobenzene-d5	9.223	82	258	0.024	ng	0.05
11) 2-Methylnaphthalene-d10	12.434	152	561	0.033	ng	0.04
14) 2,4,6-Tribromophenol	16.152	330	72	0.034	ng	0.02
15) 2-Fluorobiphenyl	13.283	172	873	0.030	ng	0.02
27) Fluoranthene-d10	19.416	212	1393	0.047	ng	0.00
31) Terphenyl-d14	20.001	244	1063	0.044	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.383	88	19034	3.457	ng	# 93
34) Bis(2-ethylhexyl)phtha...	21.453	149	1173	0.051	ng	# 99
36) Indeno(1,2,3-cd)pyrene	26.703	276	910m	0.020	ng	
37) Benzo(b)fluoranthene	23.294	252	1382	0.034	ng	# 1
38) Benzo(k)fluoranthene	23.347	252	956	0.023	ng	# 1
41) Benzo(g,h,i)perylene	27.463	276	1009m	0.025	ng	

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

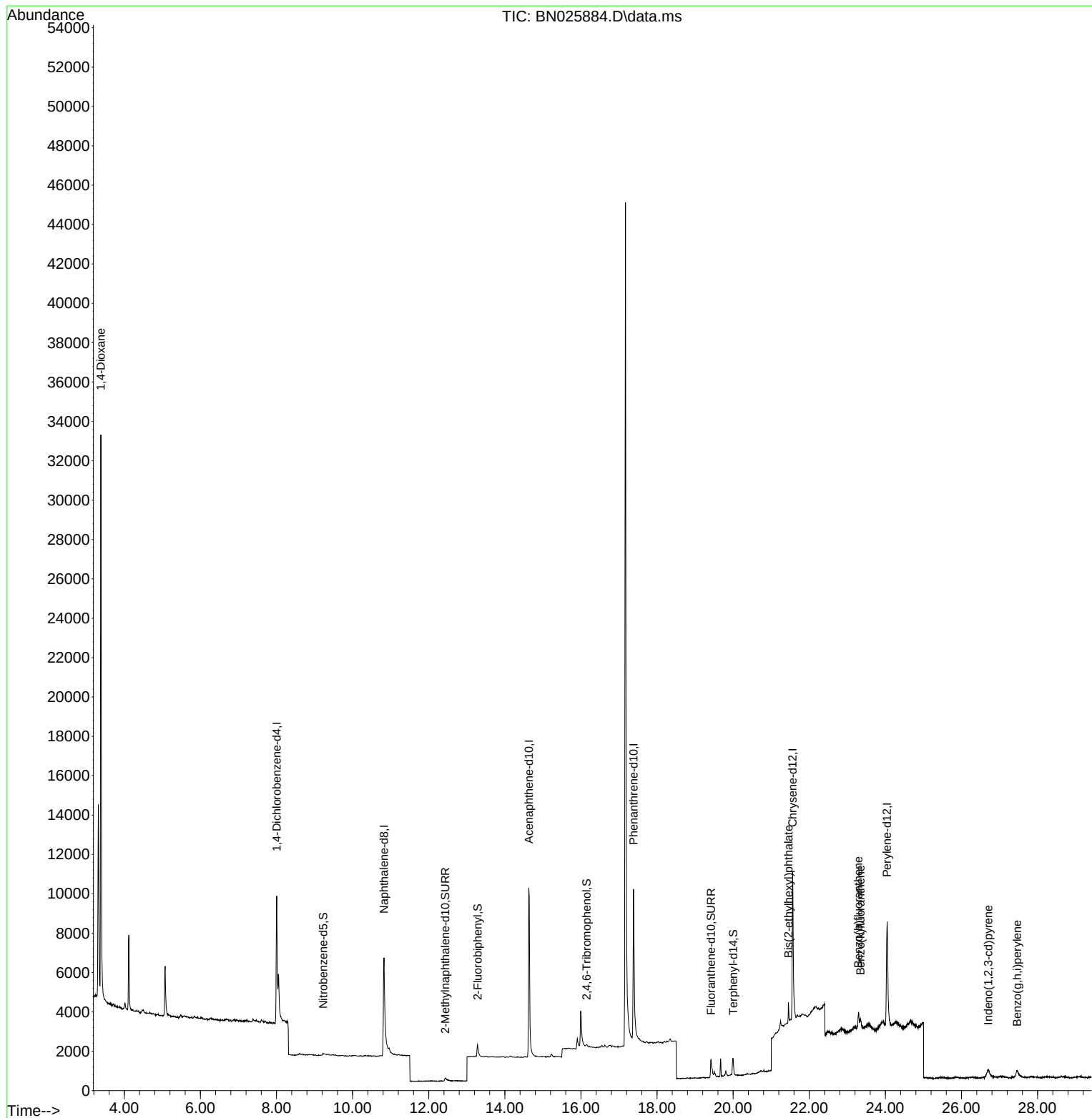
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061623\
Data File : BN025884.D
Acq On : 16 Jun 2023 15:35
Operator : MA/JU
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ALS Vial : 10 Sample Multiplier: 1

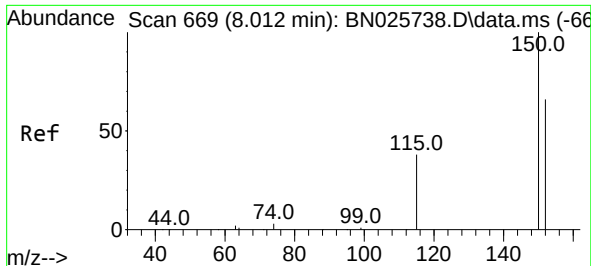
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-05-75-87-061323DL

Quant Time: Jun 16 16:45:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN053123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 16 14:10:48 2023
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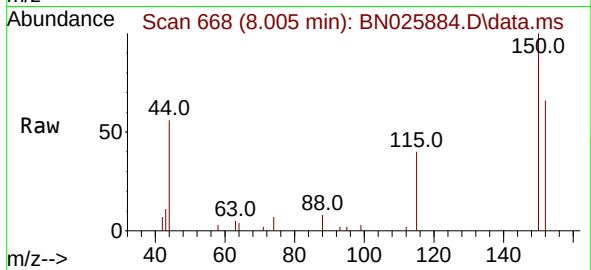
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.005 min Scan# 60
Delta R.T. 0.007 min
Lab File: BN025884.D
Acq: 16 Jun 2023 15:35

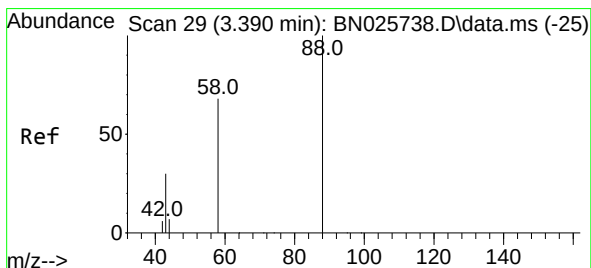
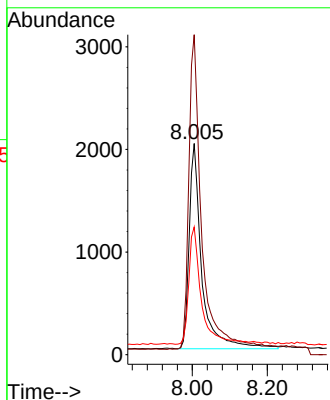
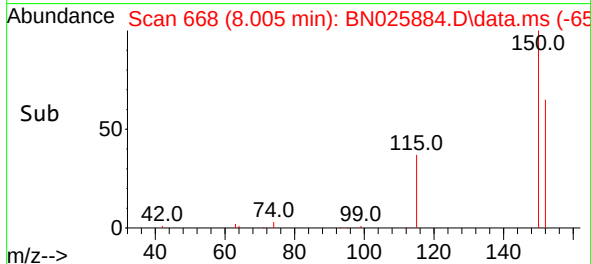
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-05-75-87-061323DL



Tgt Ion:152 Resp: 469
Ion Ratio Lower Upper
152 100
150 151.5 121.5 182.3
115 60.5 47.7 71.5

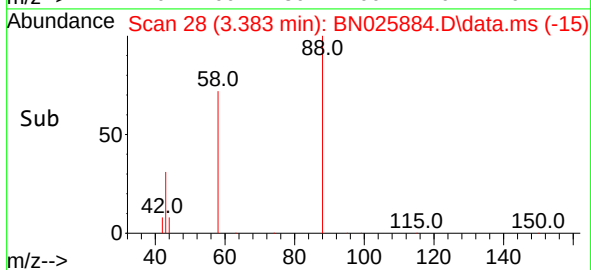
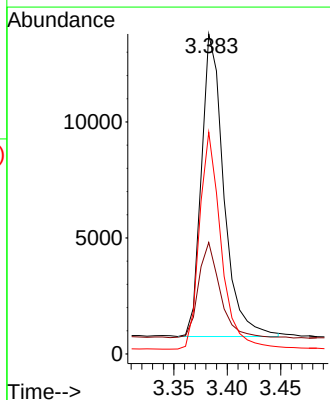
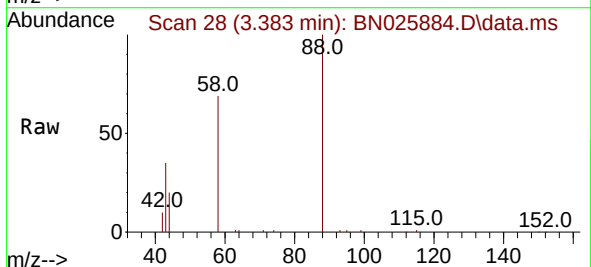
Manual Integrations
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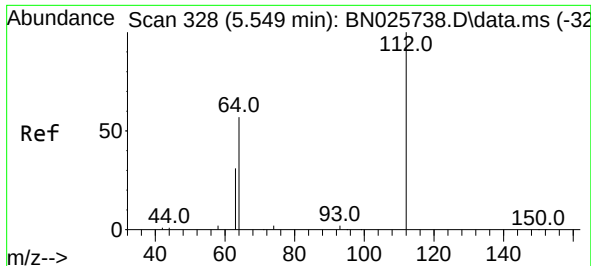
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#2
1,4-Dioxane
Concen: 3.457 ng
RT: 3.383 min Scan# 28
Delta R.T. -0.007 min
Lab File: BN025884.D
Acq: 16 Jun 2023 15:35

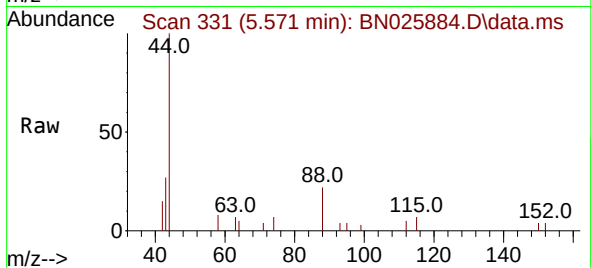
Tgt Ion: 88 Resp: 19034
Ion Ratio Lower Upper
88 100
43 30.3 31.0 46.4#
58 69.4 57.3 85.9





#4
2-Fluorophenol
Concen: 0.011 ng
RT: 5.571 min Scan# 311
Delta R.T. 0.029 min
Lab File: BN025884.D
Acq: 16 Jun 2023 15:35

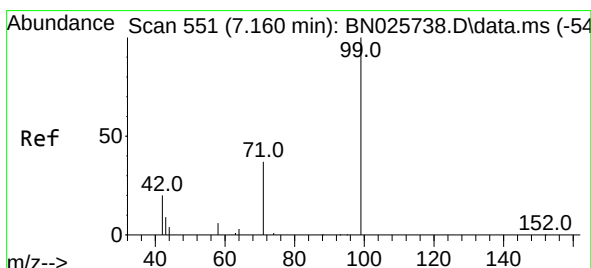
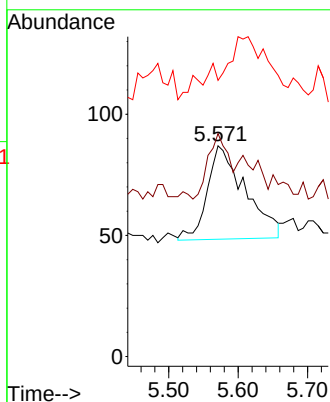
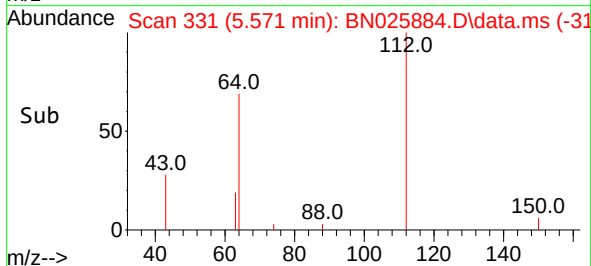
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-05-75-87-061323DL



Tgt Ion: 112 Resp: 147
Ion Ratio Lower Upper
112 100
64 37.4 47.5 71.3
63 11.6 26.2 39.4

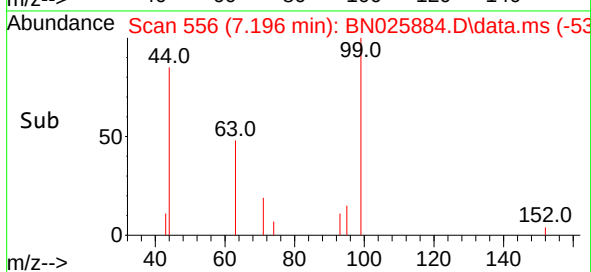
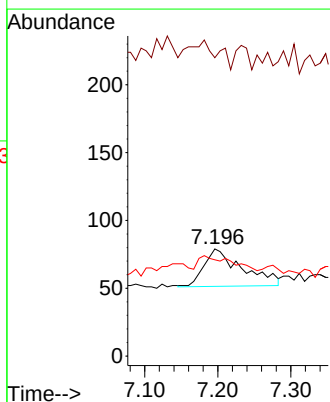
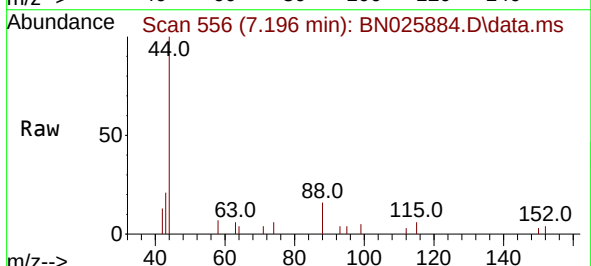
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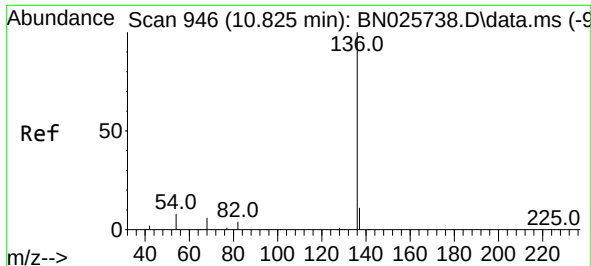
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#5
Phenol-d6
Concen: 0.006 ng
RT: 7.196 min Scan# 556
Delta R.T. 0.043 min
Lab File: BN025884.D
Acq: 16 Jun 2023 15:35

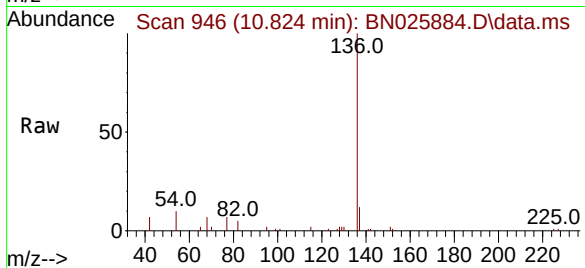
Tgt Ion: 99 Resp: 100
Ion Ratio Lower Upper
99 100
42 39.0 18.6 28.0
71 35.0 30.5 45.7





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.824 min Scan# 946
Delta R.T. 0.011 min
Lab File: BN025884.D
Acq: 16 Jun 2023 15:35

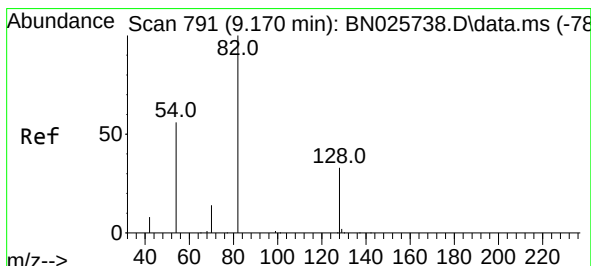
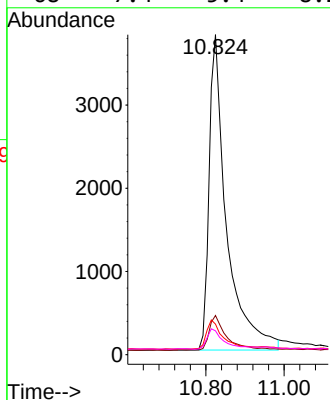
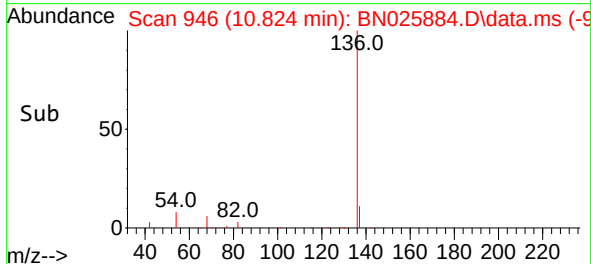
Instrument :
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ClientSampleId :
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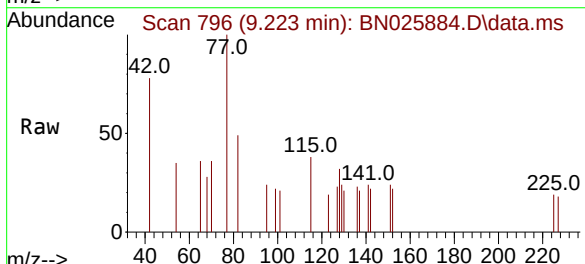
Tgt Ion: 136 Resp: 11734
Ion Ratio Lower Upper
136 100
137 12.3 9.3 13.9
54 9.5 7.2 10.8
68 7.4 5.4 8.2

Manual Integrations
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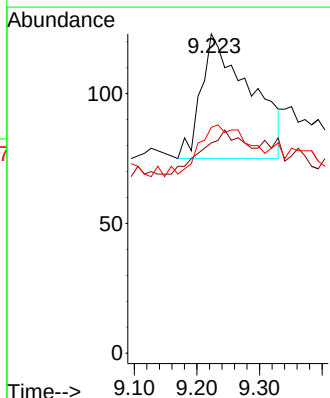
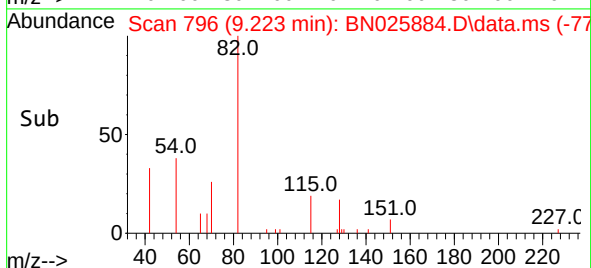
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

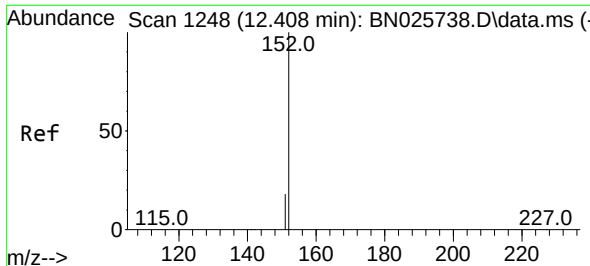


#8
Nitrobenzene-d5
Concen: 0.024 ng
RT: 9.223 min Scan# 796
Delta R.T. 0.053 min
Lab File: BN025884.D
Acq: 16 Jun 2023 15:35



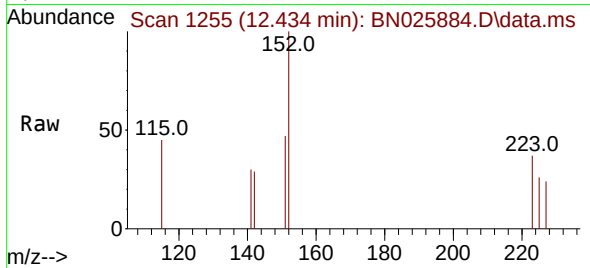
Tgt Ion: 82 Resp: 258
Ion Ratio Lower Upper
82 100
128 65.9 27.6 41.4#
54 70.7 45.7 68.5#





#11
2-Methylnaphthalene-d10
Concen: 0.033 ng
RT: 12.434 min Scan# 11
Delta R.T. 0.038 min
Lab File: BN025884.D
Acq: 16 Jun 2023 15:35

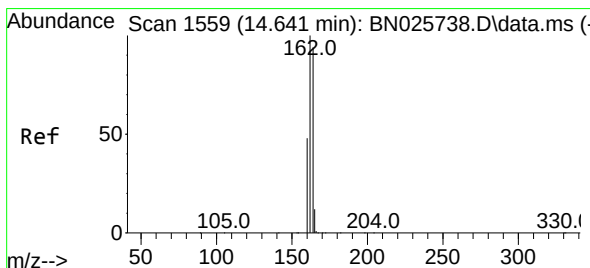
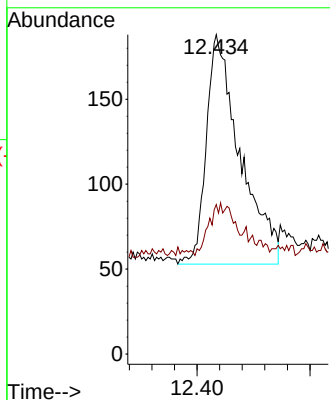
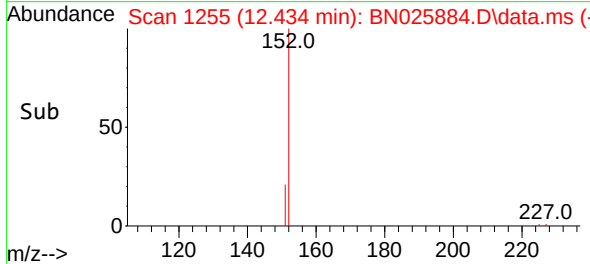
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ClientSampleId :
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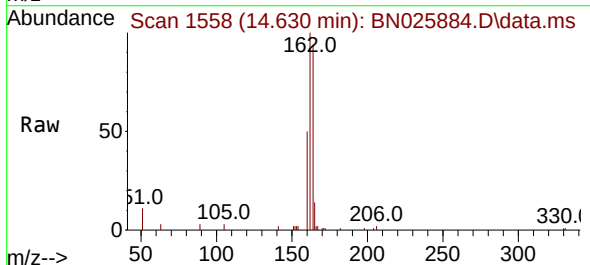
Tgt Ion:152 Resp: 56
Ion Ratio Lower Upper
152 100
151 7.1 16.4 24.6

Manual Integrations
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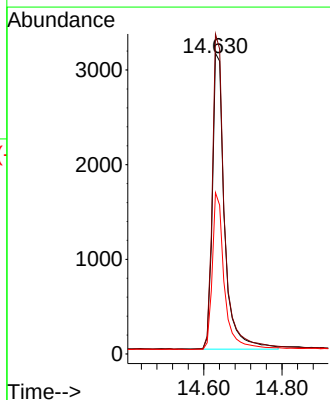
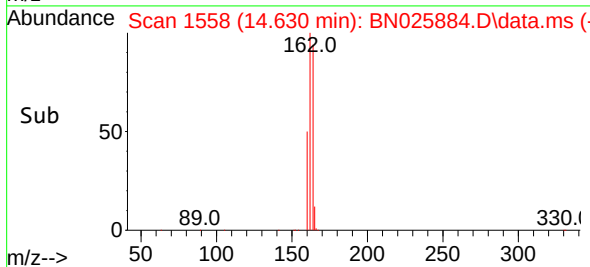
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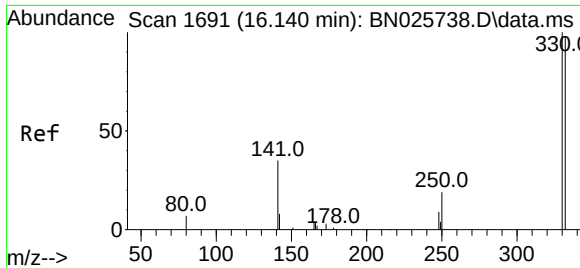


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.630 min Scan# 1558
Delta R.T. -0.000 min
Lab File: BN025884.D
Acq: 16 Jun 2023 15:35



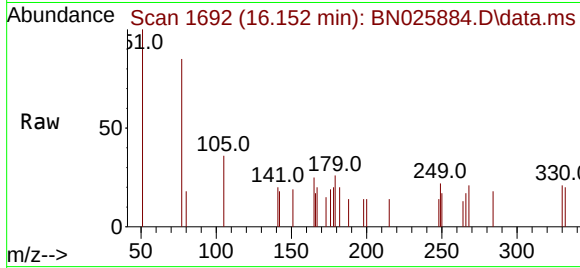
Tgt Ion:164 Resp: 6805
Ion Ratio Lower Upper
164 100
162 106.4 85.0 127.6
160 53.6 41.1 61.7





#14
2,4,6-Tribromophenol
Concen: 0.034 ng
RT: 16.152 min Scan# 1692
Delta R.T. 0.025 min
Lab File: BN025884.D
Acq: 16 Jun 2023 15:35

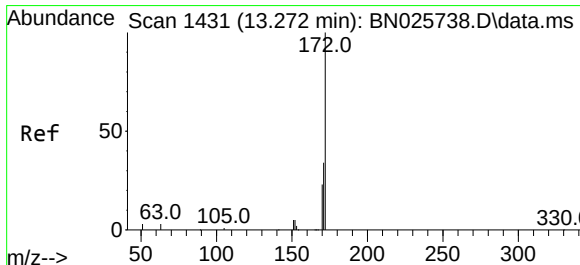
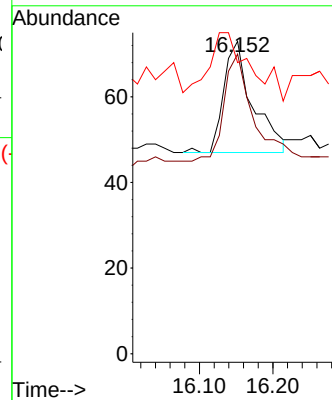
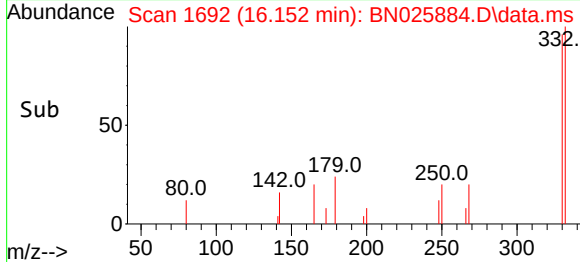
Instrument :
BNA_N
ClientSampleId :
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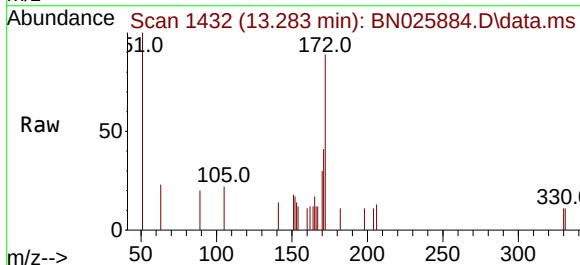
Tgt Ion: 330 Resp: 72
Ion Ratio Lower Upper
330 100
332 95.8 77.3 115.9
141 0.0 55.0 82.6

Manual Integrations
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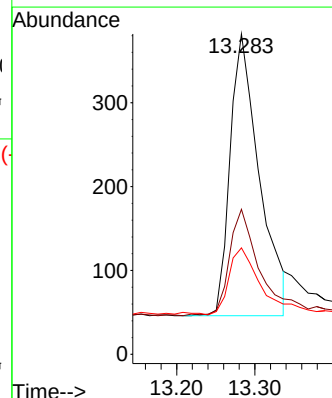
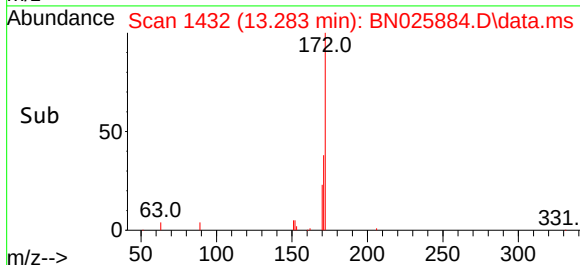
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

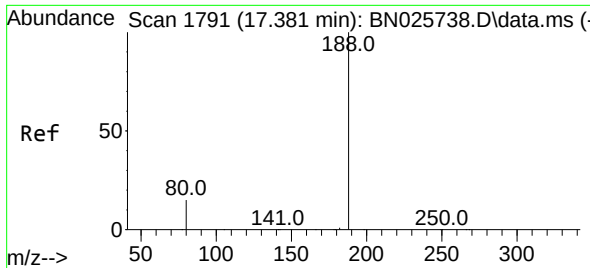


#15
2-Fluorobiphenyl
Concen: 0.030 ng
RT: 13.283 min Scan# 1432
Delta R.T. 0.021 min
Lab File: BN025884.D
Acq: 16 Jun 2023 15:35



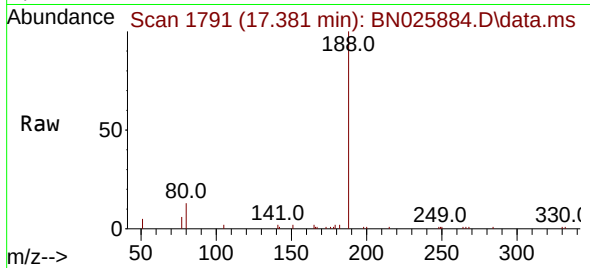
Tgt Ion: 172 Resp: 873
Ion Ratio Lower Upper
172 100
171 45.3 27.3 40.9#
170 33.2 18.6 28.0#





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.381 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN025884.D
Acq: 16 Jun 2023 15:35

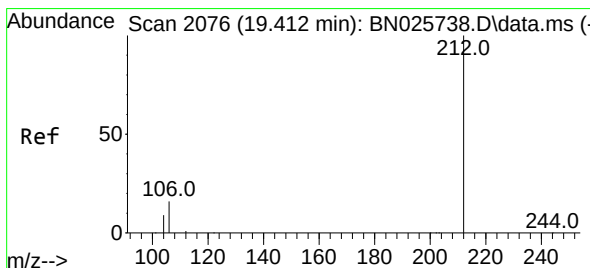
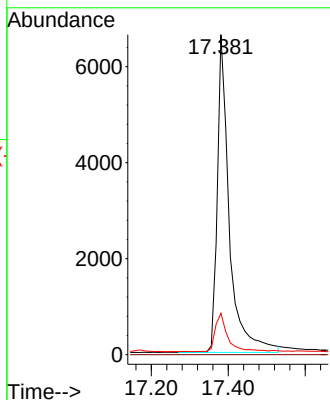
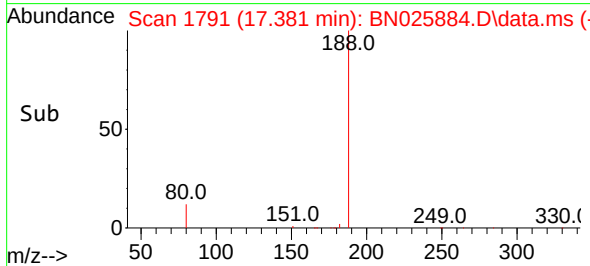
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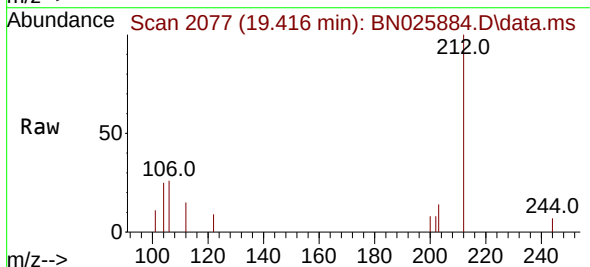
Tgt Ion:188 Resp: 1437
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.9 12.1 18.1

Manual Integrations
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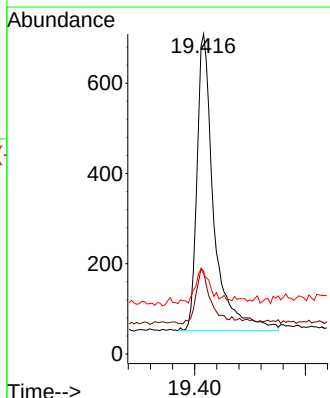
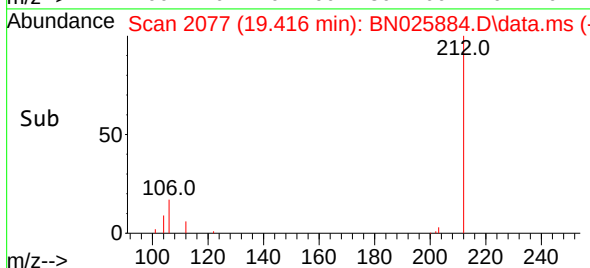
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

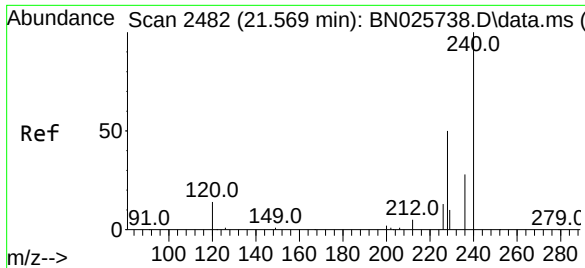


#27
Fluoranthene-d10
Concen: 0.047 ng
RT: 19.416 min Scan# 2077
Delta R.T. 0.009 min
Lab File: BN025884.D
Acq: 16 Jun 2023 15:35



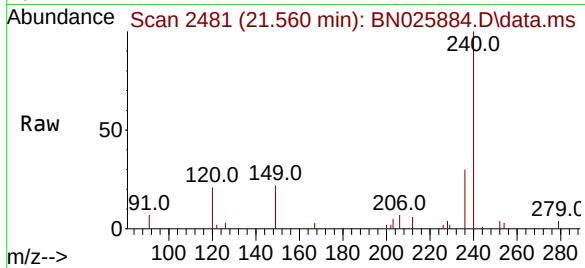
Tgt Ion:212 Resp: 1393
Ion Ratio Lower Upper
212 100
106 15.8 13.0 19.6
104 10.0 7.7 11.5





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.560 min Scan# 2481
Delta R.T. -0.000 min
Lab File: BN025884.D
Acq: 16 Jun 2023 15:35

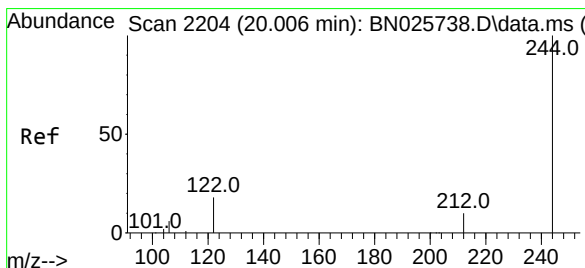
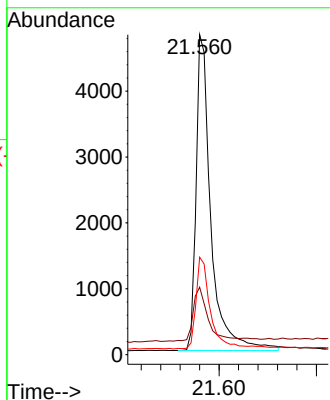
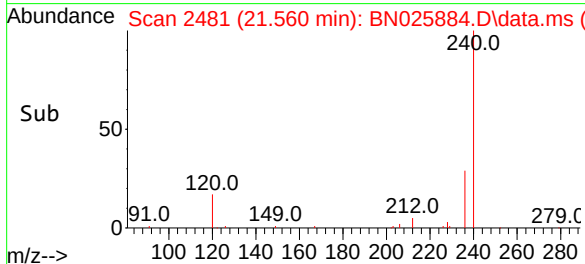
Instrument : BNA_N
ClientSampleId : GWOW-BR-05-75-87-061323DL



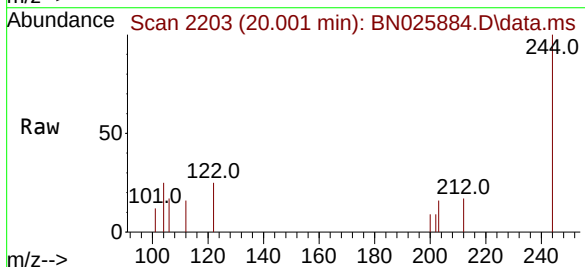
Tgt Ion:240 Resp: 10063
Ion Ratio Lower Upper
240 100
120 21.1 13.2 19.8#
236 30.4 23.1 34.7#

Manual Integrations
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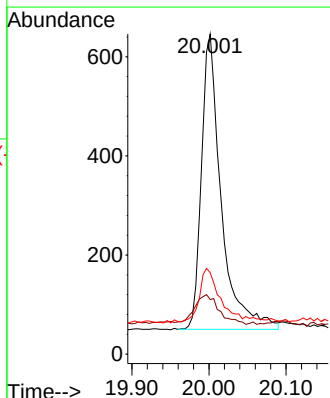
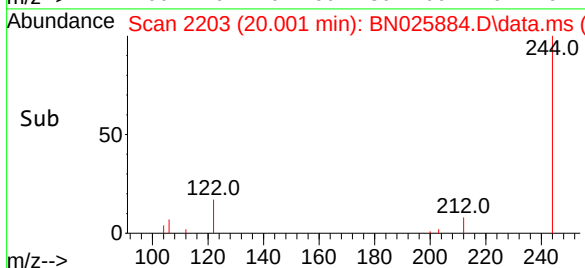
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Supervised By :mohammad ahmed 06/20/2023

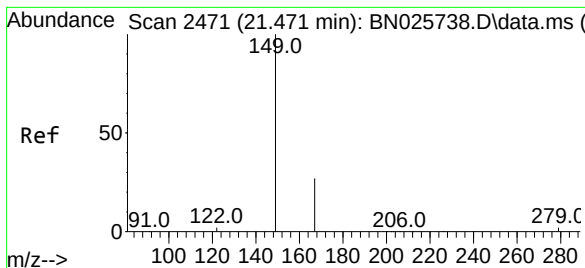


#31
Terphenyl-d14
Concen: 0.044 ng
RT: 20.001 min Scan# 2203
Delta R.T. 0.005 min
Lab File: BN025884.D
Acq: 16 Jun 2023 15:35



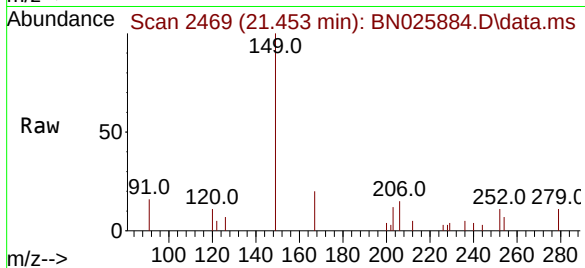
Tgt Ion:244 Resp: 1063
Ion Ratio Lower Upper
244 100
212 17.0 8.6 12.8#
122 25.4 15.2 22.8#





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.051 ng
RT: 21.453 min Scan# 2469
Delta R.T. -0.000 min
Lab File: BN025884.D
Acq: 16 Jun 2023 15:35

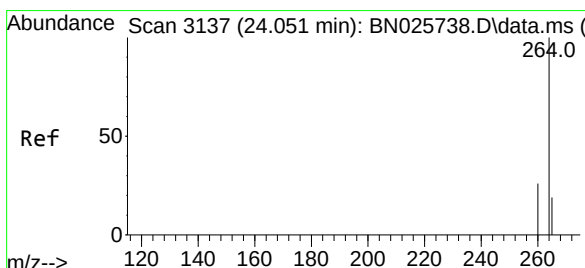
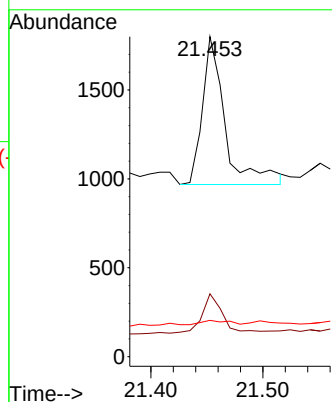
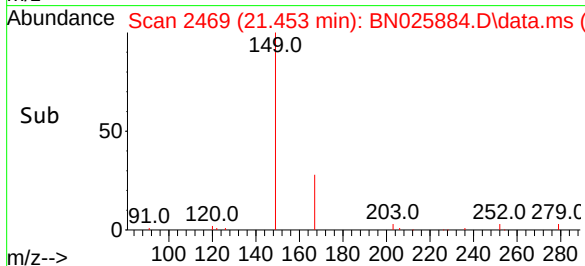
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-05-75-87-061323DL



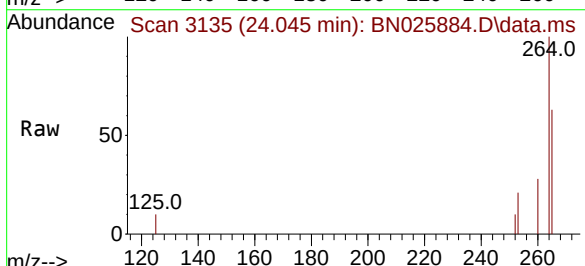
Tgt Ion:149 Resp: 117
Ion Ratio Lower Upper
149 100
167 25.7 21.0 31.6
279 3.5 2.2 3.4

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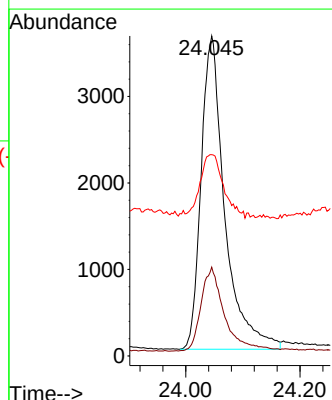
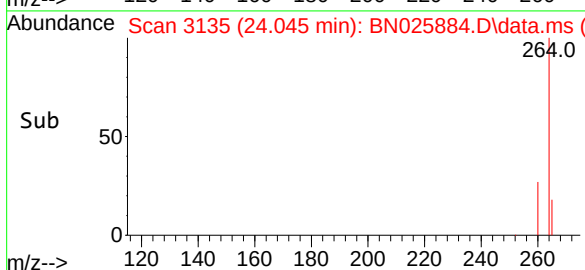
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

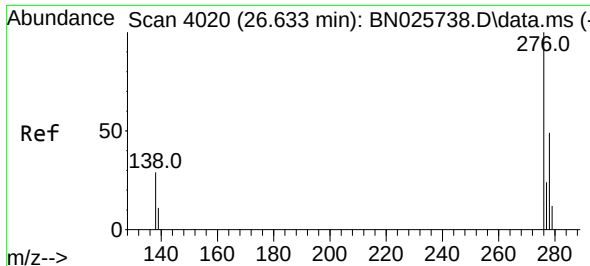


#35
Perylene-d12
Concen: 0.400 ng
RT: 24.045 min Scan# 3135
Delta R.T. 0.006 min
Lab File: BN025884.D
Acq: 16 Jun 2023 15:35



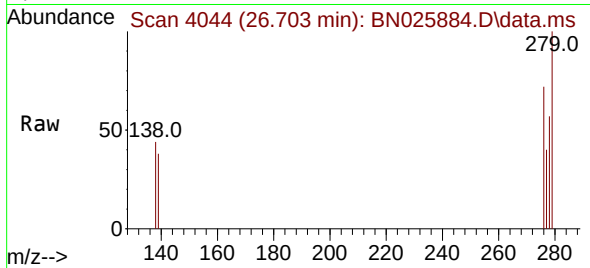
Tgt Ion:264 Resp: 10391
Ion Ratio Lower Upper
264 100
260 27.8 21.4 32.2
265 62.9 44.7 67.1





#36
Indeno(1,2,3-cd)pyrene
Concen: 0.020 ng m
RT: 26.703 min Scan# 4020
Delta R.T. 0.064 min
Lab File: BN025884.D
Acq: 16 Jun 2023 15:35

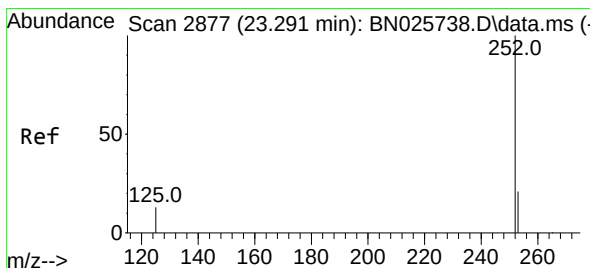
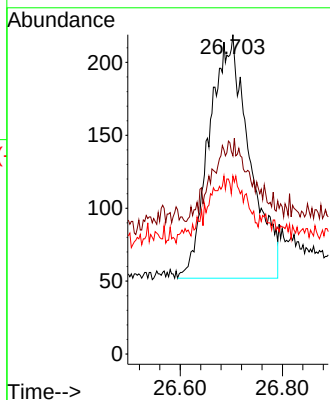
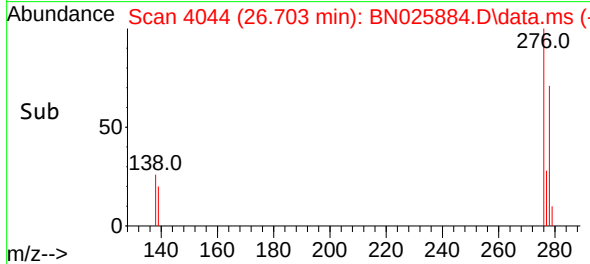
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-05-75-87-061323DL



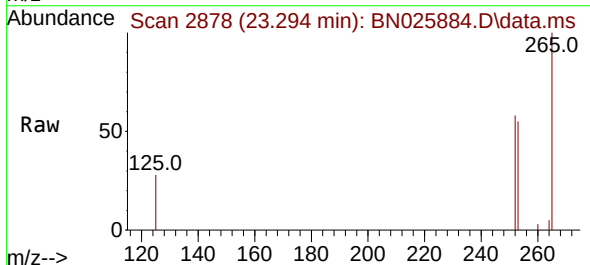
Tgt Ion:276 Resp: 910
Ion Ratio Lower Upper
276 100
138 1.4 26.1 39.1#
277 0.0 19.4 29.2#

Manual Integrations
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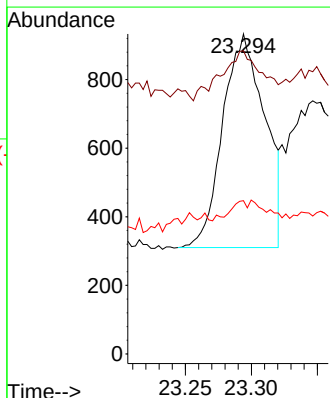
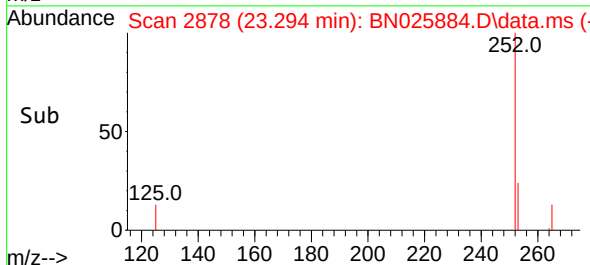
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

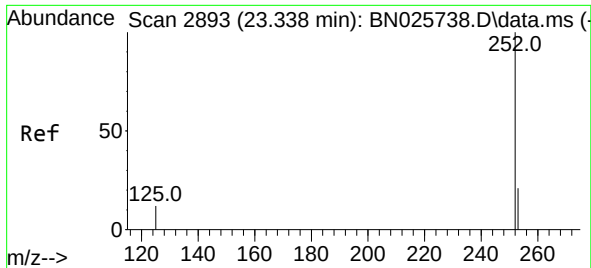


#37
Benzo(b)fluoranthene
Concen: 0.034 ng
RT: 23.294 min Scan# 2878
Delta R.T. 0.012 min
Lab File: BN025884.D
Acq: 16 Jun 2023 15:35



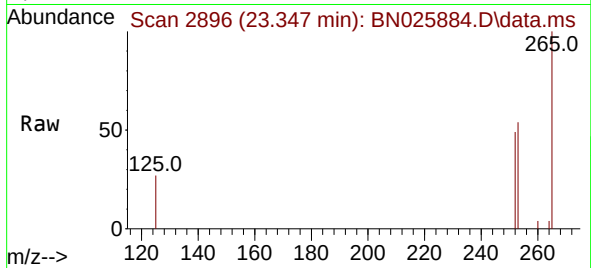
Tgt Ion:252 Resp: 1382
Ion Ratio Lower Upper
252 100
253 94.7 23.4 35.0#
125 47.9 12.3 18.5#





#38
Benzo(k)fluoranthene
Concen: 0.023 ng
RT: 23.347 min Scan# 21
Delta R.T. 0.017 min
Lab File: BN025884.D
Acq: 16 Jun 2023 15:35

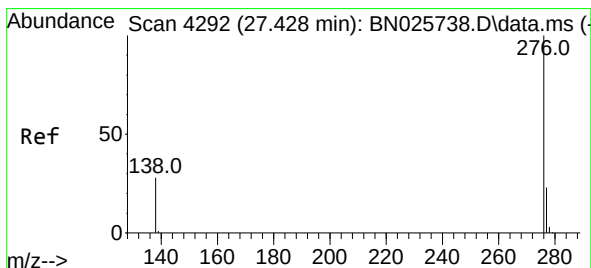
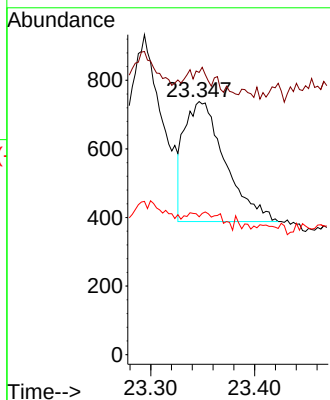
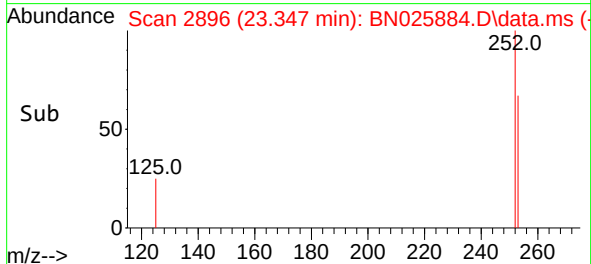
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-05-75-87-061323DL



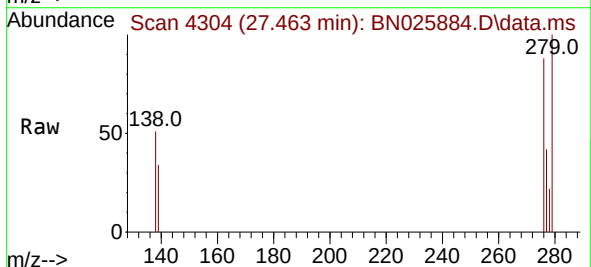
Tgt Ion:252 Resp: 950
Ion Ratio Lower Upper
252 100
253 111.5 24.2 36.4#
125 54.5 12.2 18.2#

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#41
Benzo(g,h,i)perylene
Concen: 0.025 ng m
RT: 27.463 min Scan# 4304
Delta R.T. 0.026 min
Lab File: BN025884.D
Acq: 16 Jun 2023 15:35



Tgt Ion:276 Resp: 1009
Ion Ratio Lower Upper
276 100
277 48.3 20.2 30.2#
138 57.7 24.2 36.4#

