

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082923\
 Data File : BN027241.D
 Acq On : 29 Aug 2023 14:53
 Operator : MA/JU
 Sample : 04126-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW201D-20230819

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/30/2023
 Supervised By :mohammad ahmed 08/30/2023

Quant Time: Aug 30 00:04:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 29 05:37:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.073	152	3583	0.400	ng	0.00
7) Naphthalene-d8	10.895	136	9836	0.400	ng	0.00
13) Acenaphthene-d10	14.705	164	6198	0.400	ng	0.01
19) Phenanthrene-d10	17.443	188	14213	0.400	ng	0.00
29) Chrysene-d12	21.623	240	11846	0.400	ng	0.00
35) Perylene-d12	24.156	264	11148	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.589	112	1948	0.209	ng	0.00
5) Phenol-d6	7.207	99	1310	0.115	ng	0.00
8) Nitrobenzene-d5	9.262	82	3131	0.437	ng	0.00
11) 2-Methylnaphthalene-d10	12.472	152	6646	0.460	ng	0.00
14) 2,4,6-Tribromophenol	16.189	330	1133	0.494	ng	0.00
15) 2-Fluorobiphenyl	13.326	172	10139	0.430	ng	0.00
27) Fluoranthene-d10	19.467	212	19725	0.558	ng	0.00
31) Terphenyl-d14	20.053	244	14539	0.611	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.458	88	38896	8.892	ng	96
28) Fluoranthene	19.500	202	1082	0.022	ng	97
30) Pyrene	19.862	202	1178	0.025	ng	98
34) Bis(2-ethylhexyl)phtha...	21.480	149	3376	0.172	ng	97

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

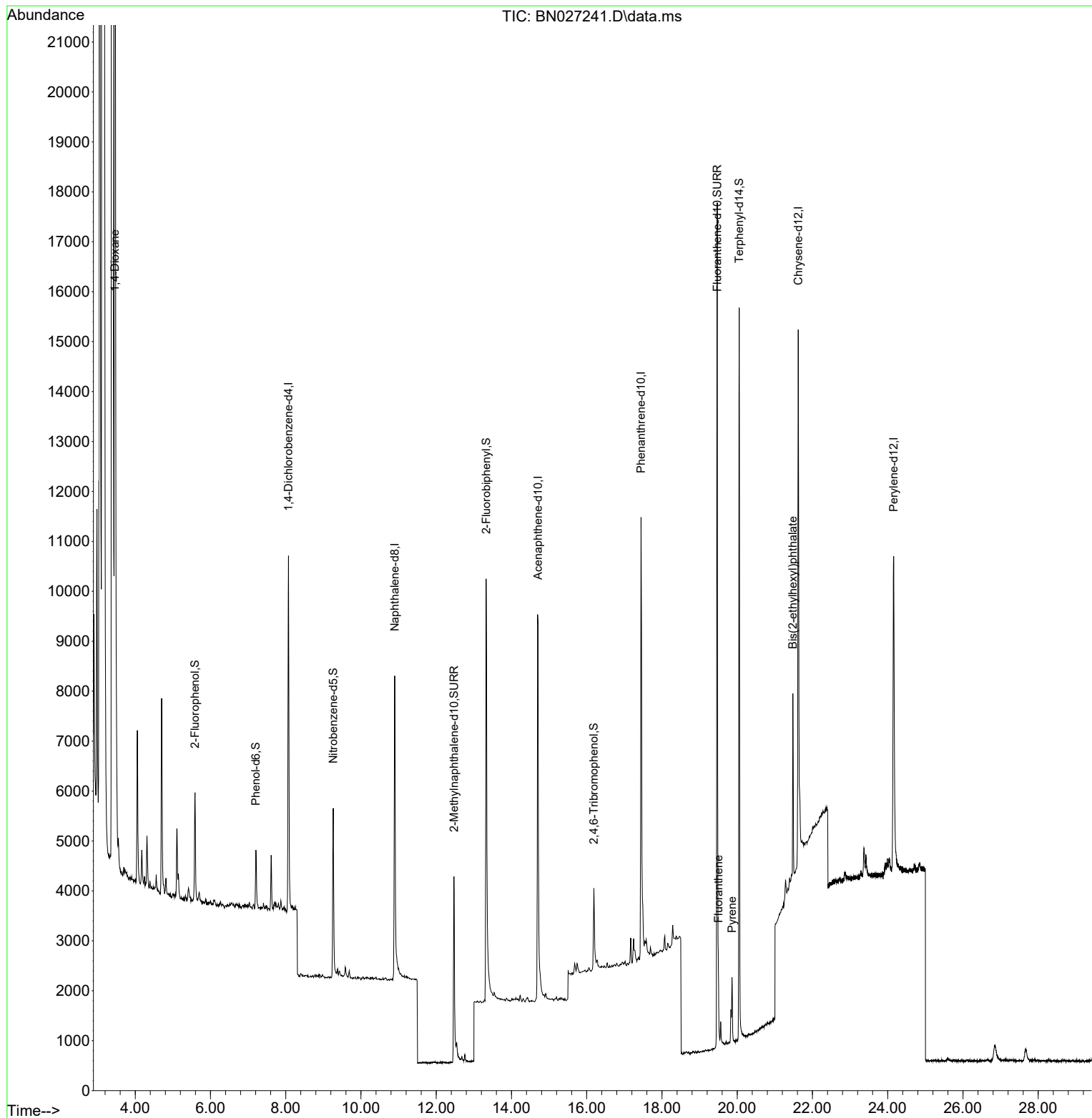
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082923\
Data File : BN027241.D
Acq On : 29 Aug 2023 14:53
Operator : MA/JU
Sample : 04126-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

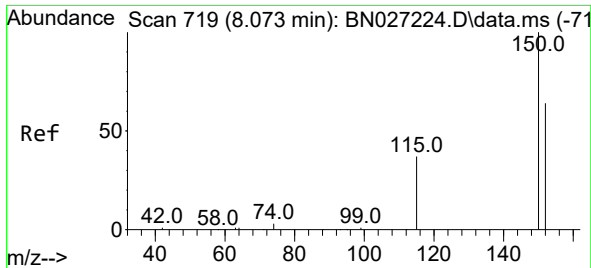
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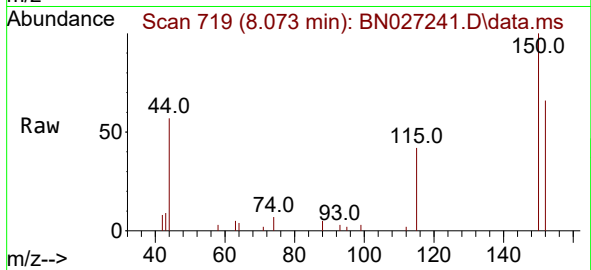
Quant Time: Aug 30 00:04:40 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 29 05:37:30 2023
Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.073 min Scan# 719
 Delta R.T. 0.000 min
 Lab File: BN027241.D
 Acq: 29 Aug 2023 14:53

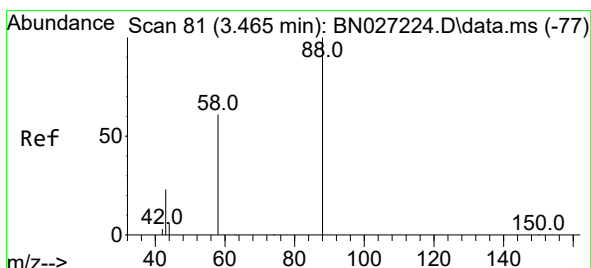
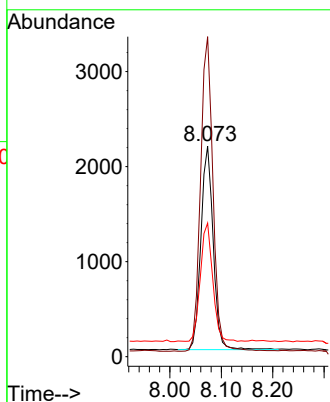
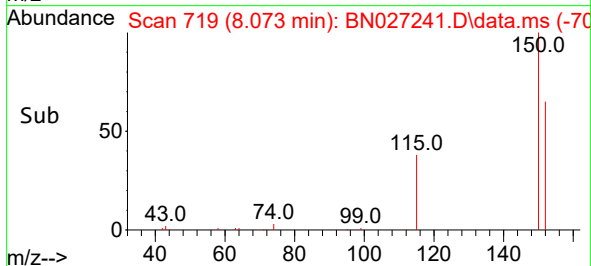
Instrument :
 BNA_N
 ClientSampleId :
 MW201D-20230819



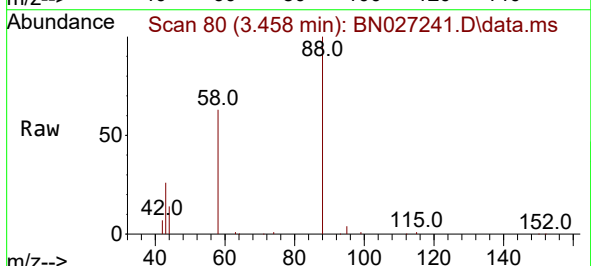
Tgt Ion: 152 Resp: 358
 Ion Ratio Lower Upper
 152 100
 150 152.0 122.7 184.1
 115 63.4 48.6 73.0

Manual Integrations
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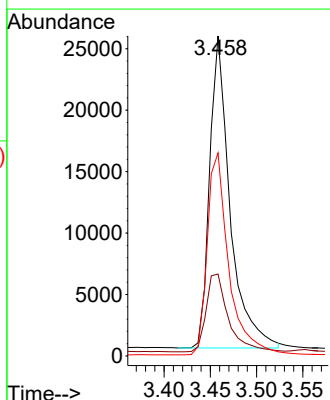
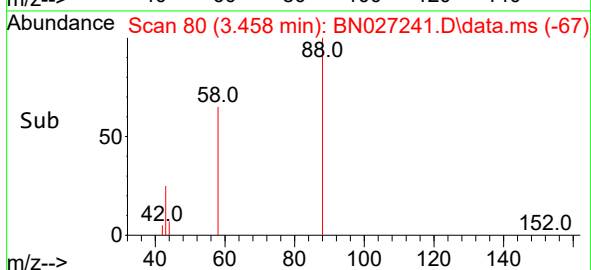
Reviewed By :Yogesh Patel 08/30/2023
 Supervised By :mohammad ahmed 08/30/2023

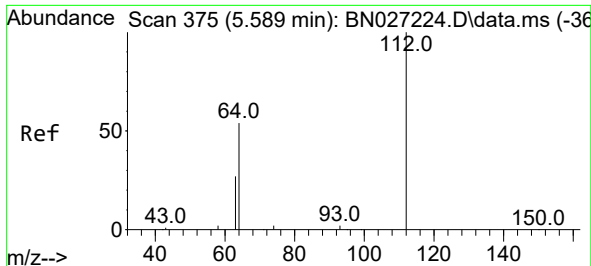


#2
 1,4-Dioxane
 Concen: 8.892 ng
 RT: 3.458 min Scan# 80
 Delta R.T. -0.007 min
 Lab File: BN027241.D
 Acq: 29 Aug 2023 14:53



Tgt Ion: 88 Resp: 38896
 Ion Ratio Lower Upper
 88 100
 43 27.2 19.1 28.7
 58 68.0 52.2 78.2





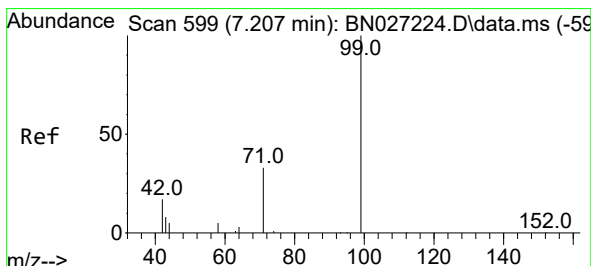
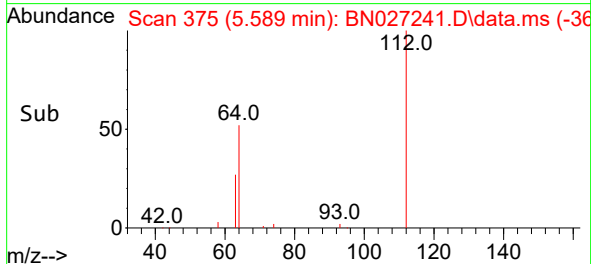
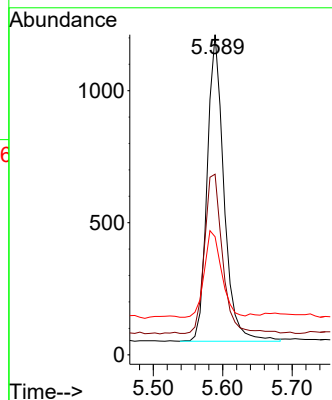
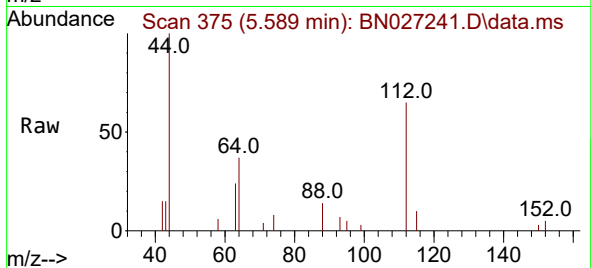
#4
2-Fluorophenol
Concen: 0.209 ng
RT: 5.589 min Scan# 375
Delta R.T. 0.000 min
Lab File: BN027241.D
Acq: 29 Aug 2023 14:53

Instrument :
BNA_N
ClientSampleId :
MW201D-20230819

Tgt Ion: 112 Resp: 1948
Ion Ratio Lower Upper
112 100
64 56.0 44.4 66.6
63 29.0 23.1 34.7

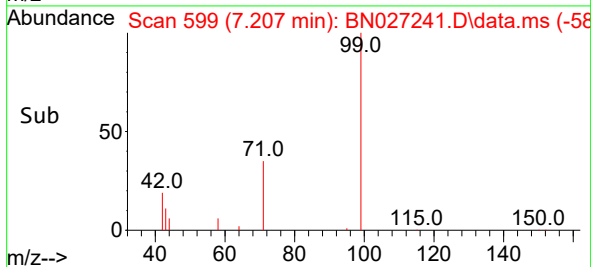
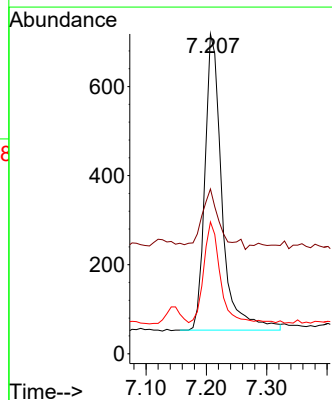
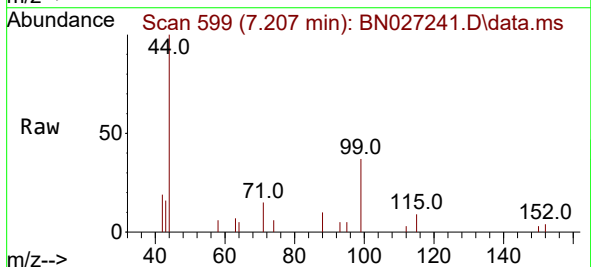
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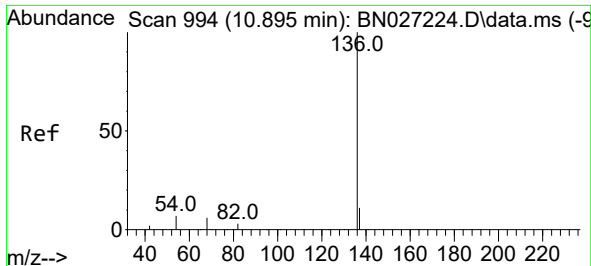
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023



#5
Phenol-d6
Concen: 0.115 ng
RT: 7.207 min Scan# 599
Delta R.T. 0.000 min
Lab File: BN027241.D
Acq: 29 Aug 2023 14:53

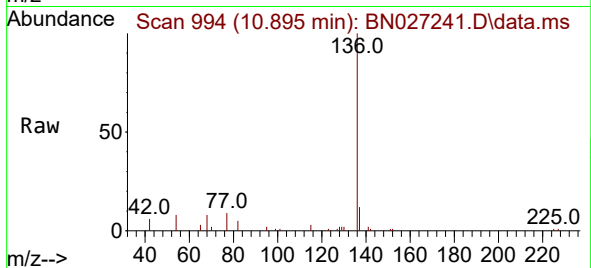
Tgt Ion: 99 Resp: 1310
Ion Ratio Lower Upper
99 100
42 21.5 14.5 21.7
71 33.6 25.8 38.6





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.895 min Scan# 994
Delta R.T. 0.000 min
Lab File: BN027241.D
Acq: 29 Aug 2023 14:53

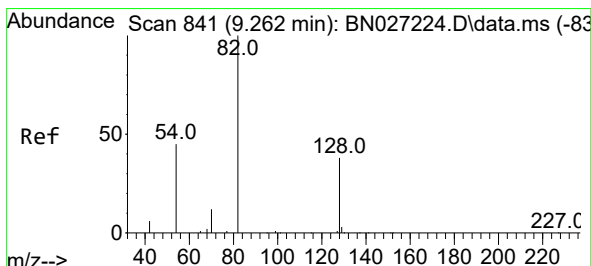
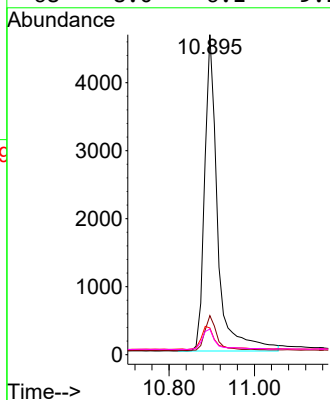
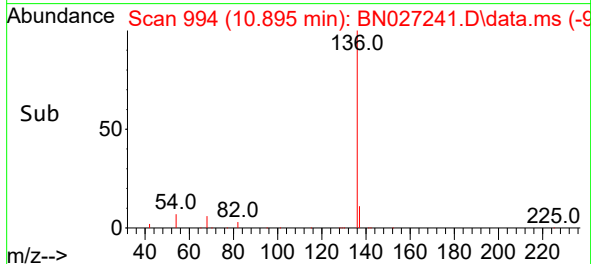
Instrument :
BNA_N
ClientSampleId :
MW201D-20230819



Tgt Ion:	136	Resp:	983
Ion Ratio	Lower	Upper	
136	100		
137	12.2	9.3	13.9
54	8.4	6.7	10.1
68	8.0	6.1	9.1

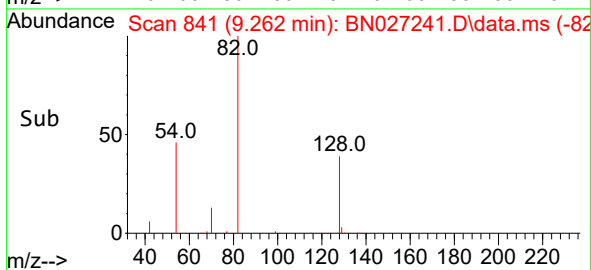
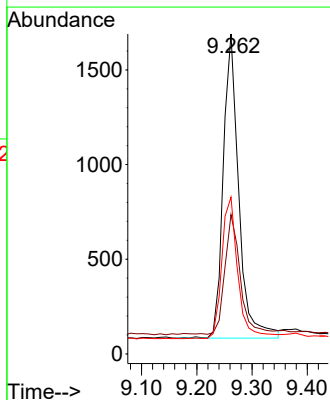
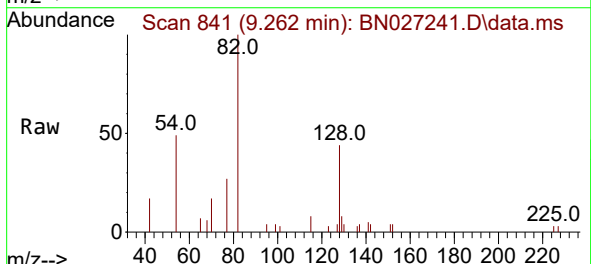
Manual Integrations
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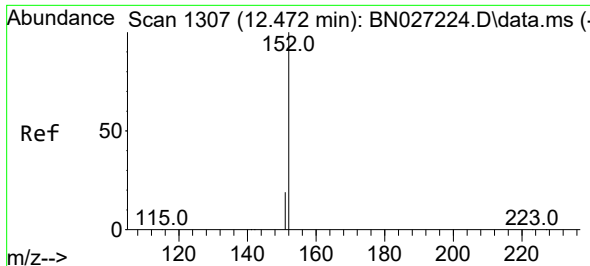
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023



#8
Nitrobenzene-d5
Concen: 0.437 ng
RT: 9.262 min Scan# 841
Delta R.T. 0.000 min
Lab File: BN027241.D
Acq: 29 Aug 2023 14:53

Tgt Ion:	82	Resp:	3131
Ion Ratio	Lower	Upper	
82	100		
128	43.6	33.4	50.0
54	49.0	37.7	56.5





#11

2-Methylnaphthalene-d10

Concen: 0.460 ng

RT: 12.472 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN027241.D

Acq: 29 Aug 2023 14:53

Instrument :

BNA_N

ClientSampleId :

MW201D-20230819

Tgt Ion:152 Resp: 6640

Ion Ratio Lower Upper

152 100

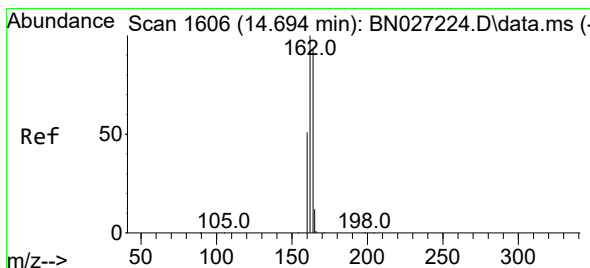
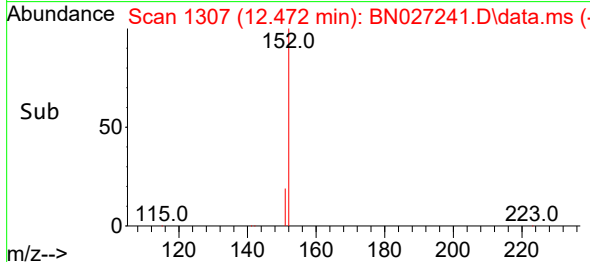
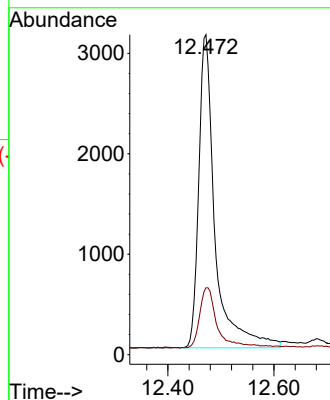
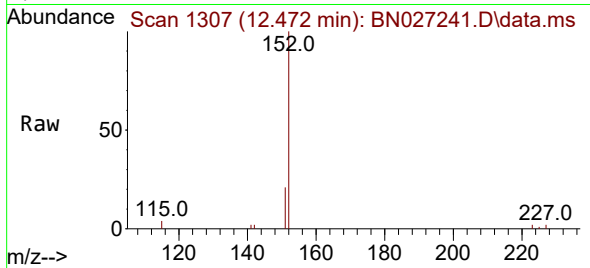
151 20.6 16.6 25.0

Manual Integrations

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Reviewed By :Yogesh Patel 08/30/2023

Supervised By :mohammad ahmed 08/30/2023



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.705 min Scan# 1607

Delta R.T. 0.011 min

Lab File: BN027241.D

Acq: 29 Aug 2023 14:53

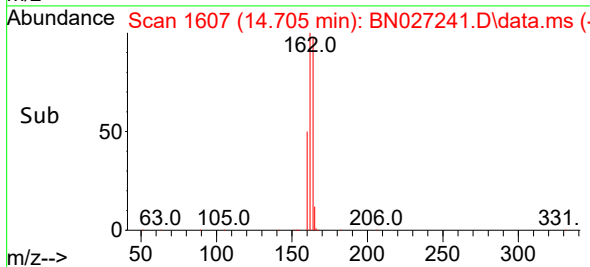
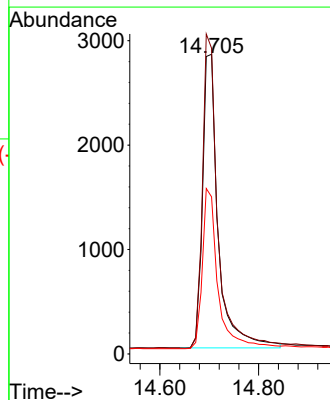
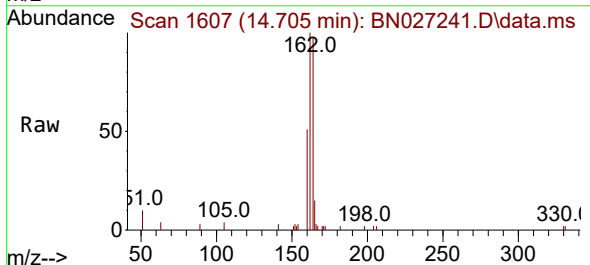
Tgt Ion:164 Resp: 6198

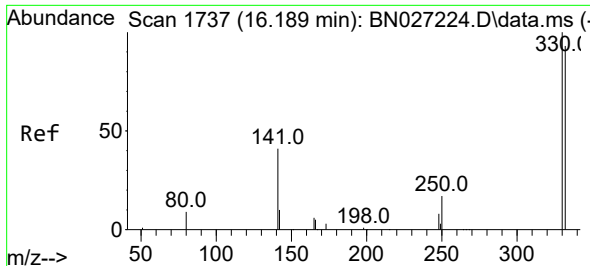
Ion Ratio Lower Upper

164 100

162 102.0 85.8 128.8

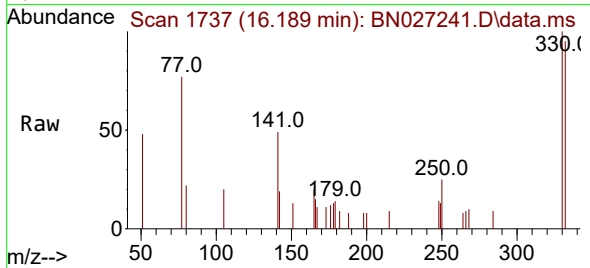
160 52.4 44.2 66.2





#14
2,4,6-Tribromophenol
Concen: 0.494 ng
RT: 16.189 min Scan# 1133
Delta R.T. 0.000 min
Lab File: BN027241.D
Acq: 29 Aug 2023 14:53

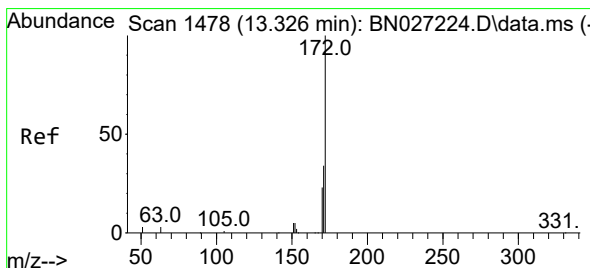
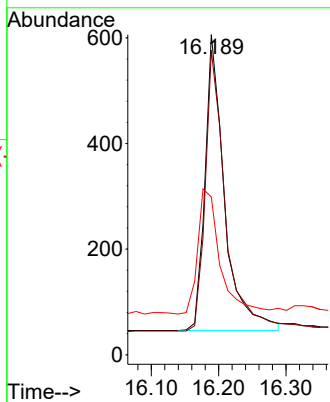
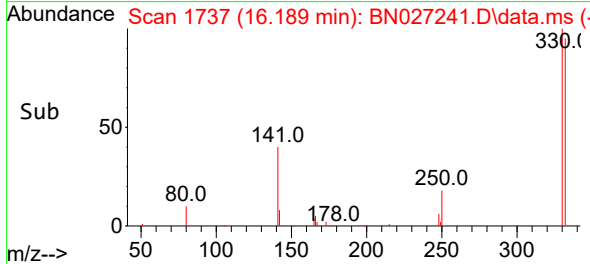
Instrument :
BNA_N
ClientSampleId :
MW201D-20230819



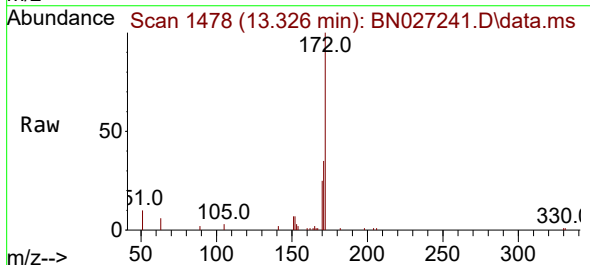
Tgt Ion:330 Resp: 1133
Ion Ratio Lower Upper
330 100
332 98.2 75.2 112.8
141 48.5 36.2 54.4

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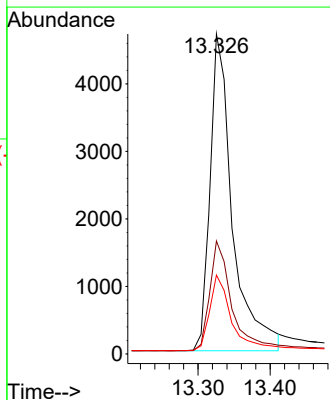
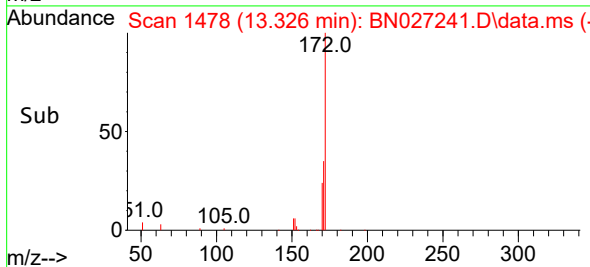
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023

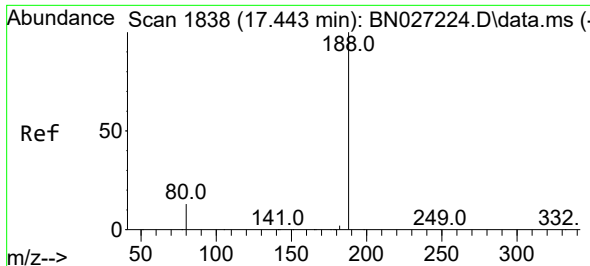


#15
2-Fluorobiphenyl
Concen: 0.430 ng
RT: 13.326 min Scan# 1478
Delta R.T. 0.000 min
Lab File: BN027241.D
Acq: 29 Aug 2023 14:53



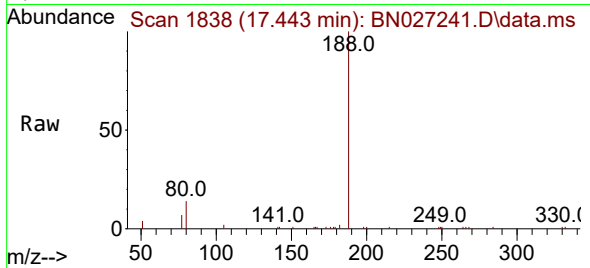
Tgt Ion:172 Resp: 10139
Ion Ratio Lower Upper
172 100
171 35.3 27.8 41.8
170 24.6 19.3 28.9





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.443 min Scan# 1838
Delta R.T. 0.000 min
Lab File: BN027241.D
Acq: 29 Aug 2023 14:53

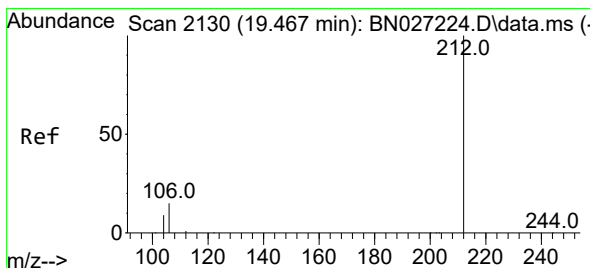
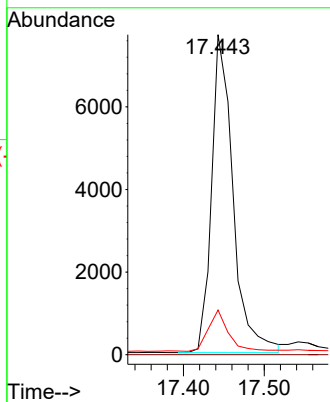
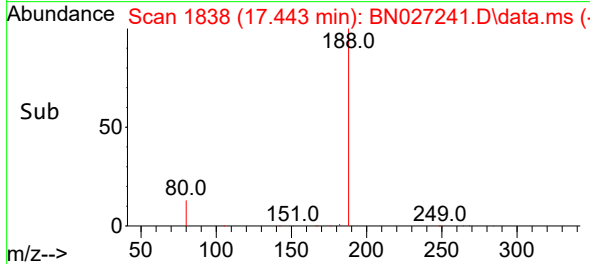
Instrument :
BNA_N
ClientSampleId :
MW201D-20230819



Tgt Ion:188 Resp: 1421
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.9 11.0 16.6

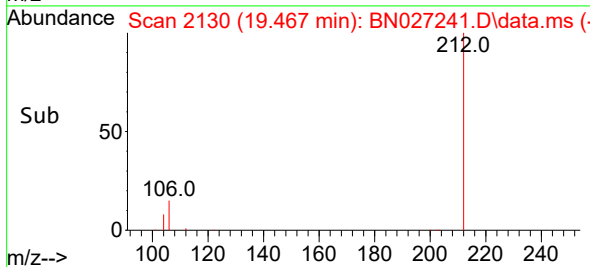
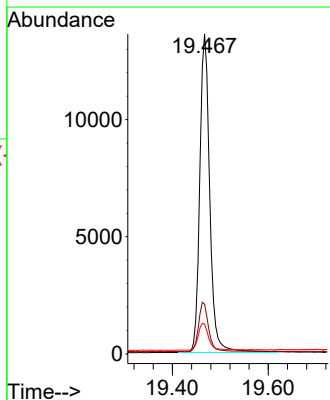
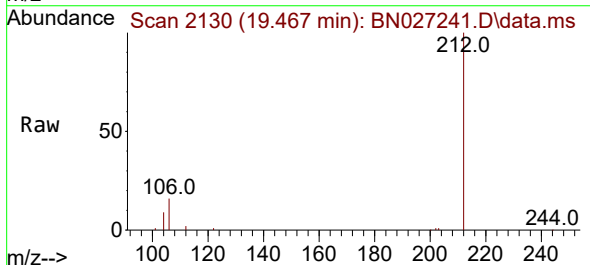
Manual Integrations
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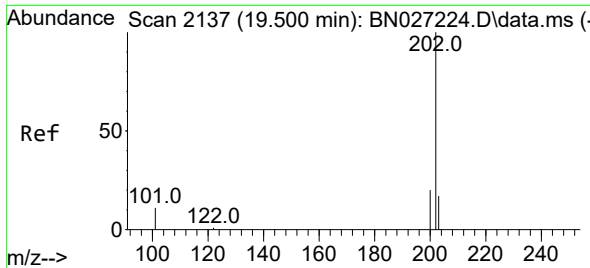
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023



#27
Fluoranthene-d10
Concen: 0.558 ng
RT: 19.467 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BN027241.D
Acq: 29 Aug 2023 14:53

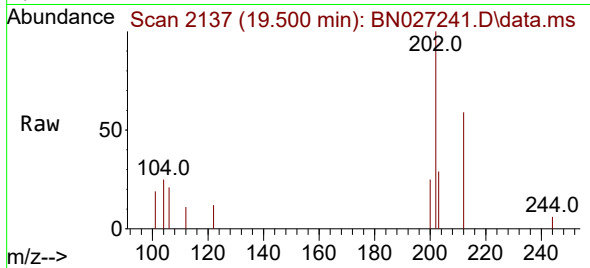
Tgt Ion:212 Resp: 19725
Ion Ratio Lower Upper
212 100
106 15.6 12.1 18.1
104 8.7 6.9 10.3





#28
Fluoranthene
Concen: 0.022 ng
RT: 19.500 min Scan# 2137
Delta R.T. 0.000 min
Lab File: BN027241.D
Acq: 29 Aug 2023 14:53

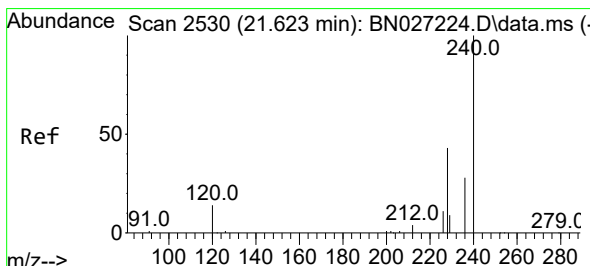
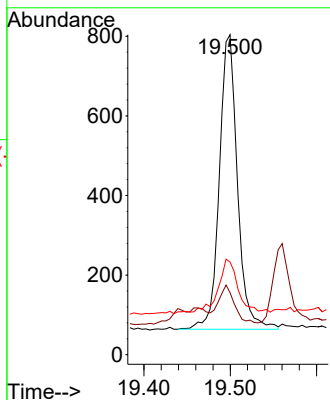
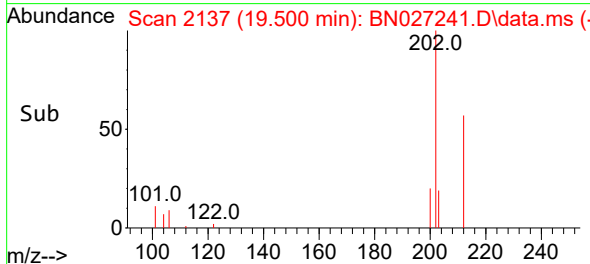
Instrument :
BNA_N
ClientSampleId :
MW201D-20230819



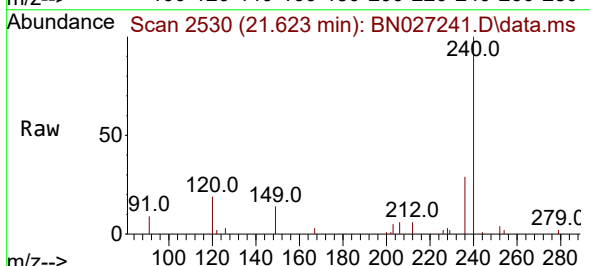
Tgt Ion:202 Resp: 1082
Ion Ratio Lower Upper
202 100
101 11.1 9.6 14.4
203 18.8 13.6 20.4

Manual Integrations
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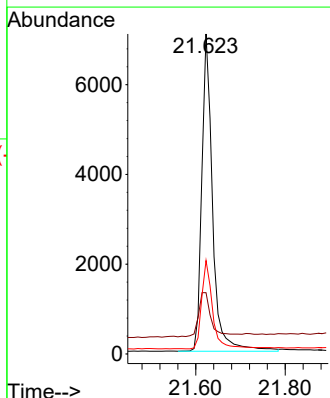
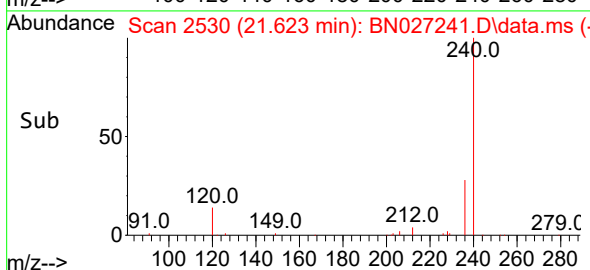
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023

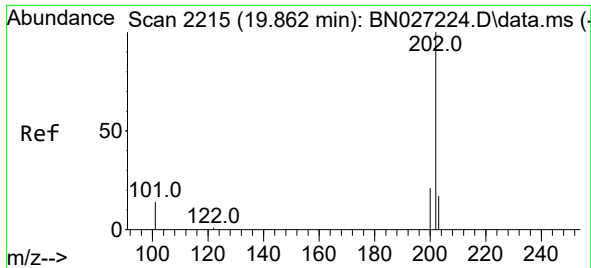


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.623 min Scan# 2530
Delta R.T. 0.000 min
Lab File: BN027241.D
Acq: 29 Aug 2023 14:53



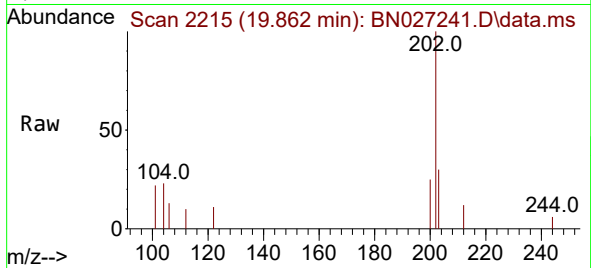
Tgt Ion:240 Resp: 11846
Ion Ratio Lower Upper
240 100
120 19.1 14.2 21.4
236 29.2 22.9 34.3





#30
Pyrene
Concen: 0.025 ng
RT: 19.862 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BN027241.D
Acq: 29 Aug 2023 14:53

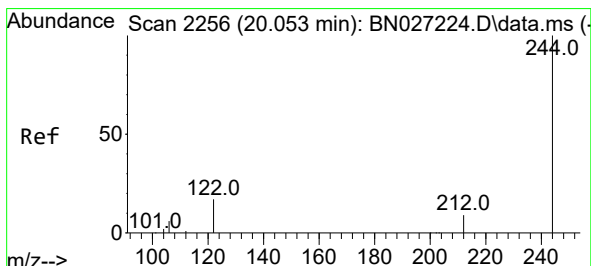
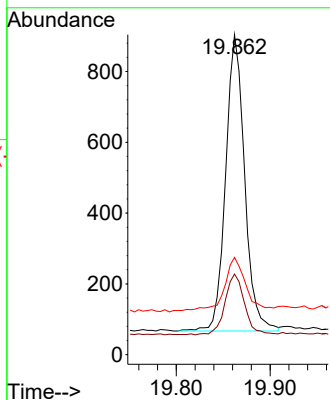
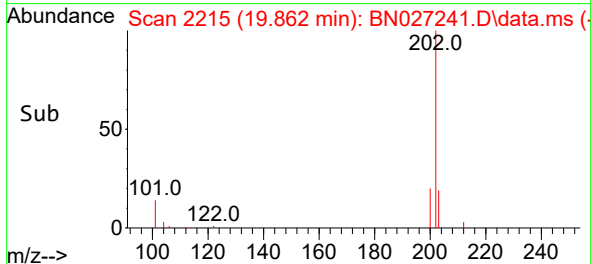
Instrument :
BNA_N
ClientSampleId :
MW201D-20230819



Tgt Ion:202 Resp: 1178
Ion Ratio Lower Upper
202 100
200 21.1 16.6 25.0
203 19.6 14.2 21.4

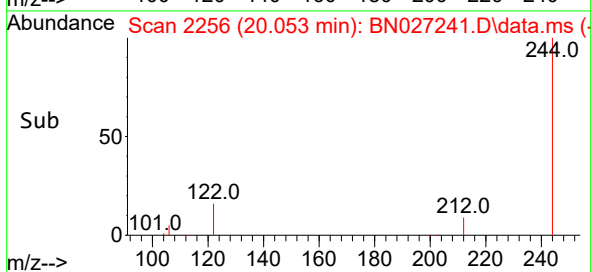
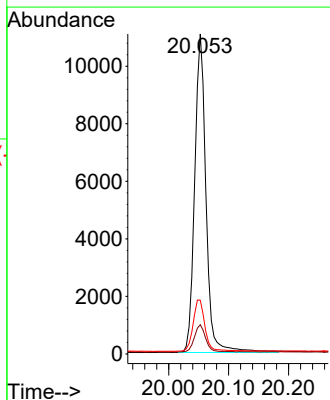
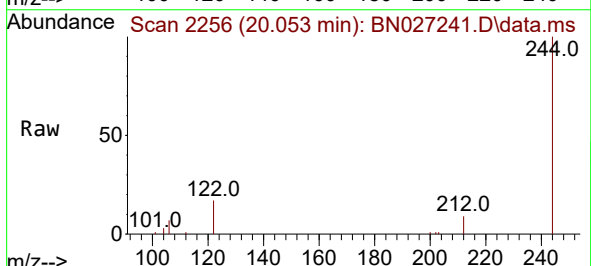
Manual Integrations
APPROVED

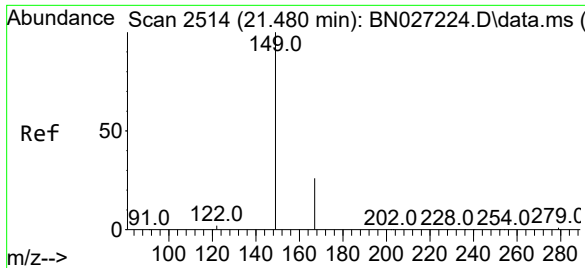
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023



#31
Terphenyl-d14
Concen: 0.611 ng
RT: 20.053 min Scan# 2256
Delta R.T. 0.000 min
Lab File: BN027241.D
Acq: 29 Aug 2023 14:53

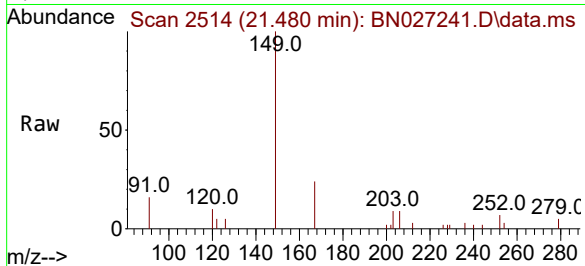
Tgt Ion:244 Resp: 14539
Ion Ratio Lower Upper
244 100
212 9.2 7.5 11.3
122 16.8 14.0 21.0





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.172 ng
RT: 21.480 min Scan# 2514
Delta R.T. 0.000 min
Lab File: BN027241.D
Acq: 29 Aug 2023 14:53

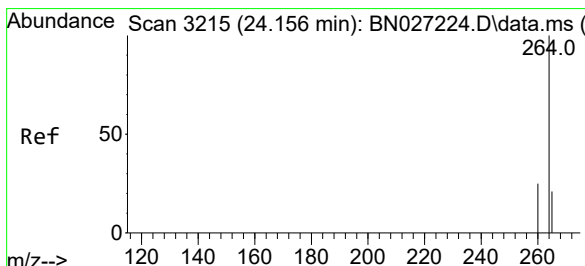
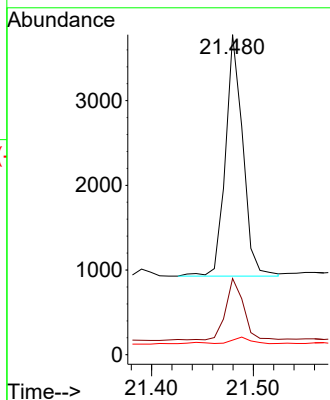
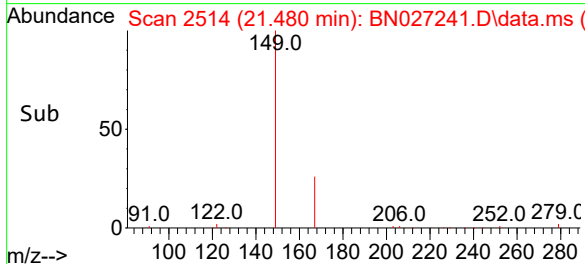
Instrument :
BNA_N
ClientSampleId :
MW201D-20230819



Tgt Ion:149 Resp: 3370
Ion Ratio Lower Upper
149 100
167 25.8 22.1 33.1
279 2.9 2.7 4.1

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023



#35
Perylene-d12
Concen: 0.400 ng
RT: 24.156 min Scan# 3215
Delta R.T. 0.000 min
Lab File: BN027241.D
Acq: 29 Aug 2023 14:53

Tgt Ion:264 Resp: 11148
Ion Ratio Lower Upper
264 100
260 26.8 20.7 31.1
265 80.9 53.3 79.9

