

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112724\
 Data File : BN035363.D
 Acq On : 27 Nov 2024 23:56
 Operator : RC/JU
 Sample : P4969-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TOWER-2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/29/2024
 Supervised By :mohammad ahmed 12/03/2024

Quant Time: Nov 28 00:54:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 27 23:03:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.308	152	2260	0.400	ng	0.00
7) Naphthalene-d8	10.052	136	6676	0.400	ng	0.00
13) Acenaphthene-d10	13.957	164	5269	0.400	ng	-0.01
19) Phenanthrene-d10	16.723	188	11996	0.400	ng	#-0.01
29) Chrysene-d12	20.974	240	11487	0.400	ng	0.00
35) Perylene-d12	23.064	264	11858	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.968	112	727	0.129	ng	0.00
5) Phenol-d6	6.513	99	656	0.096	ng	0.00
8) Nitrobenzene-d5	8.440	82	1409m	0.346	ng	0.00
11) 2-Methylnaphthalene-d10	11.656	152	3559	0.341	ng	0.00
14) 2,4,6-Tribromophenol	15.475	330	1375	0.368	ng	0.00
15) 2-Fluorobiphenyl	12.574	172	5834	0.293	ng	0.00
27) Fluoranthene-d10	18.785	212	13972	0.411	ng	0.00
31) Terphenyl-d14	19.412	244	10905	0.481	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.003	88	107	0.050	ng	# 80
9) Naphthalene	10.105	128	627	0.036	ng	# 72
34) Bis(2-ethylhexyl)phtha...	20.929	149	3604	0.227	ng	# 54

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

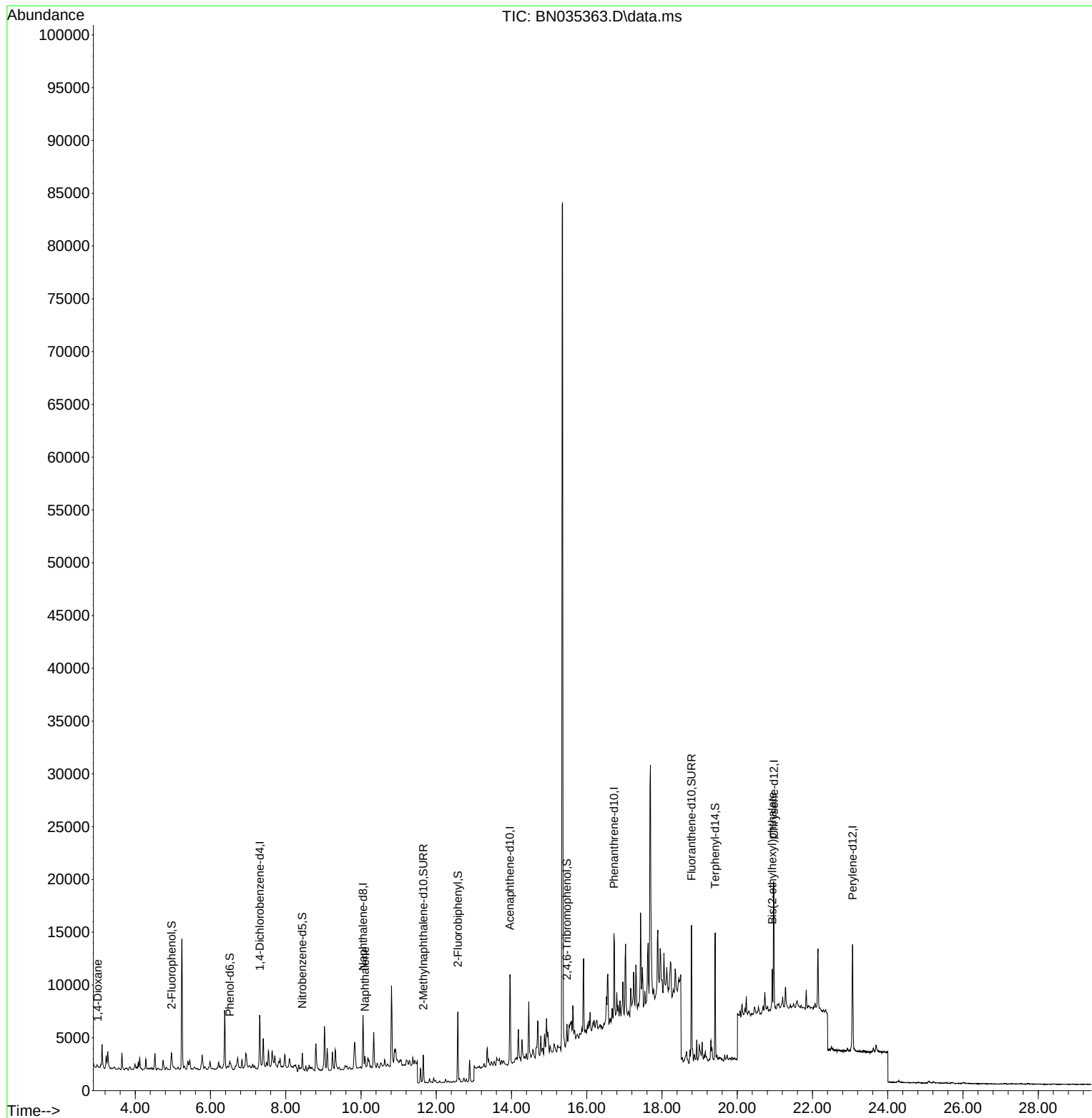
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112724\
Data File : BN035363.D
Acq On : 27 Nov 2024 23:56
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Sample : P4969-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

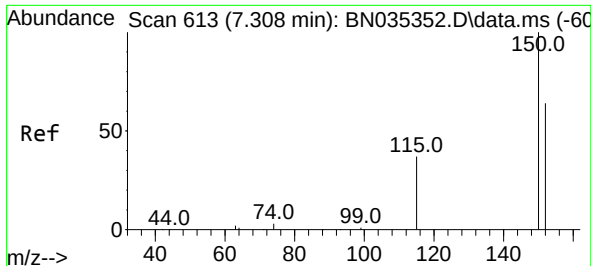
Instrument :
BNA_N
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TOWER-2

Quant Time: Nov 28 00:54:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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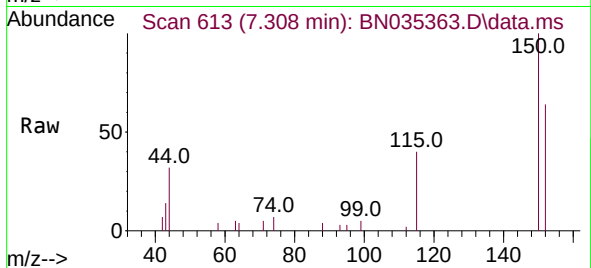
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.308 min Scan# 613
Delta R.T. -0.000 min
Lab File: BN035363.D
Acq: 27 Nov 2024 23:56

Instrument :

BNA_N

ClientSampleId :

TOWER-2



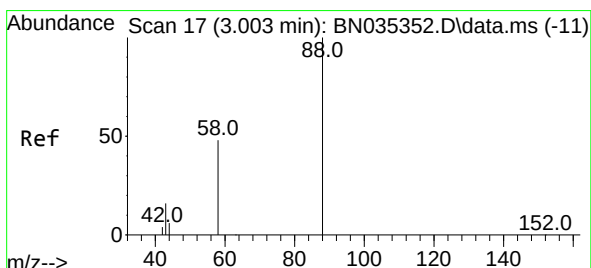
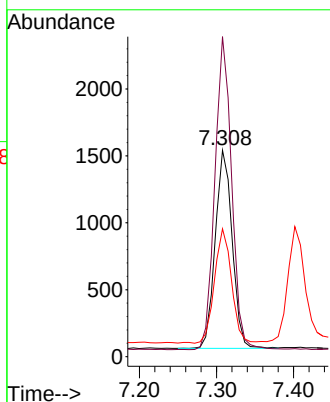
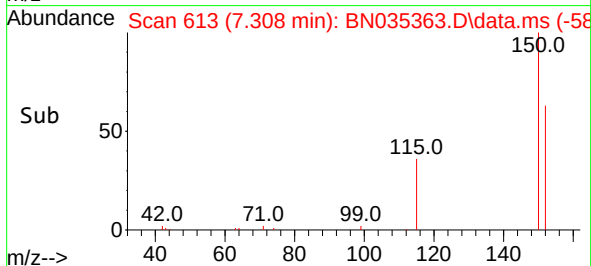
Tgt Ion: 152 Resp: 2260
Ion Ratio Lower Upper
152 100
150 155.1 124.0 186.0
115 61.9 49.6 74.4

Manual Integrations

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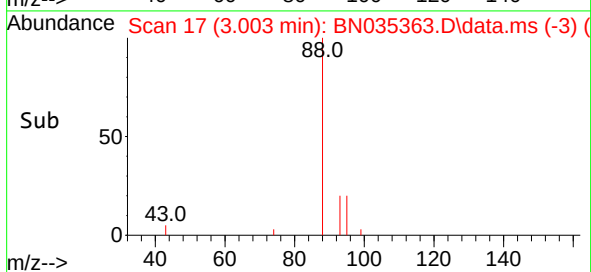
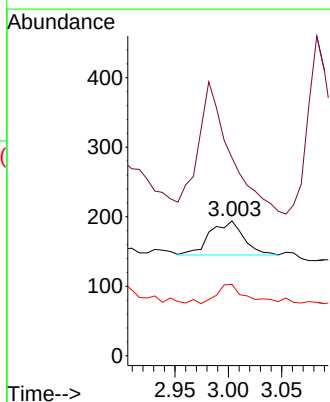
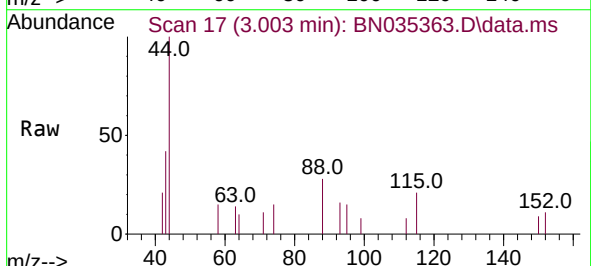
Reviewed By :Yogesh Patel 11/29/2024

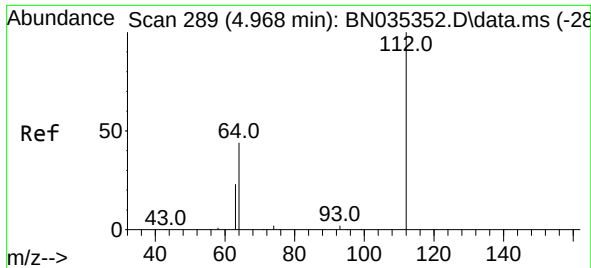
Supervised By :mohammad ahmed 12/03/2024



#2
1,4-Dioxane
Concen: 0.050 ng
RT: 3.003 min Scan# 17
Delta R.T. 0.000 min
Lab File: BN035363.D
Acq: 27 Nov 2024 23:56

Tgt Ion: 88 Resp: 107
Ion Ratio Lower Upper
88 100
43 0.0 17.2 25.8#
58 48.6 44.5 66.7





#4
2-Fluorophenol
Concen: 0.129 ng
RT: 4.968 min Scan# 289
Delta R.T. 0.000 min
Lab File: BN035363.D
Acq: 27 Nov 2024 23:56

Instrument :

BNA_N

ClientSampleId :

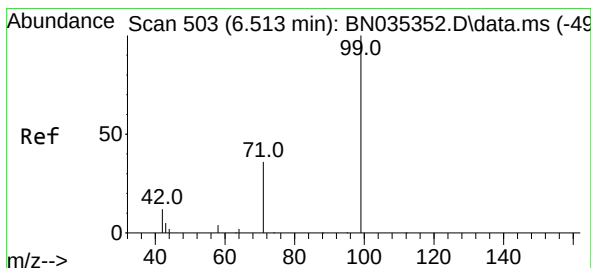
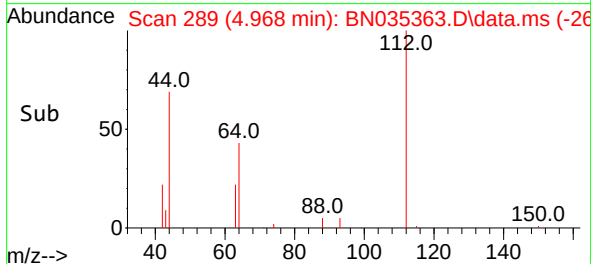
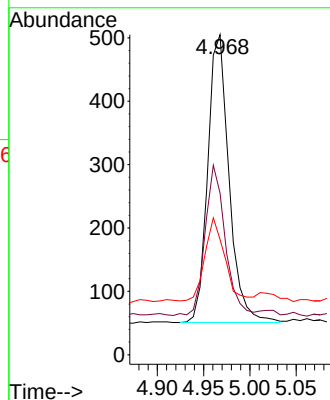
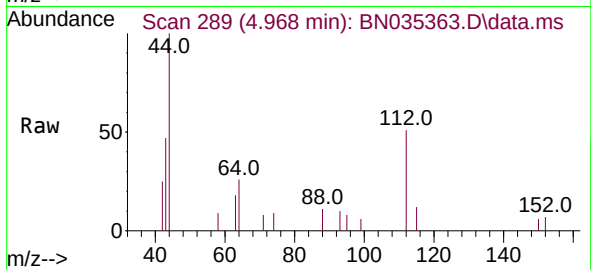
TOWER-2

Tgt Ion:112 Resp: 72
Ion Ratio Lower Upper
112 100
64 49.1 39.8 59.8
63 27.5 21.0 31.6

Manual Integrations

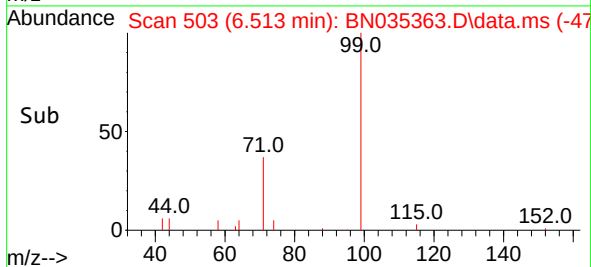
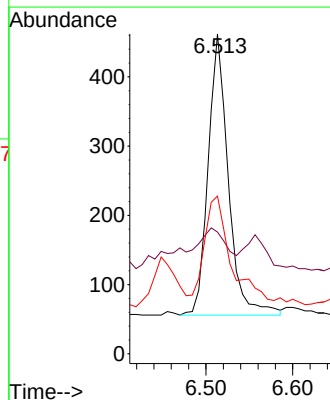
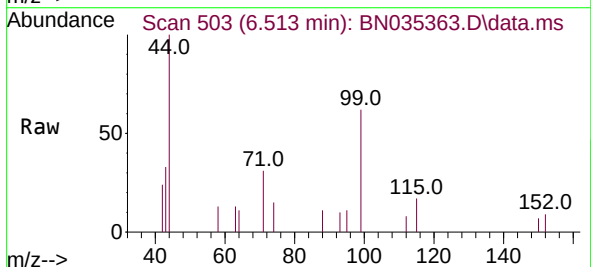
APPROVED

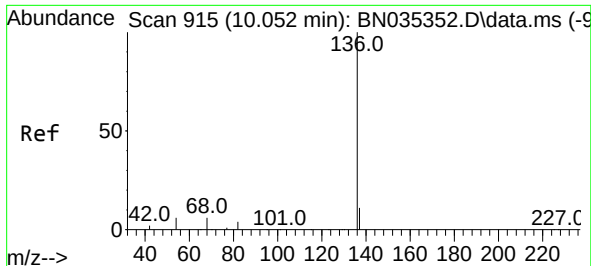
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 12/03/2024



#5
Phenol-d6
Concen: 0.096 ng
RT: 6.513 min Scan# 503
Delta R.T. 0.000 min
Lab File: BN035363.D
Acq: 27 Nov 2024 23:56

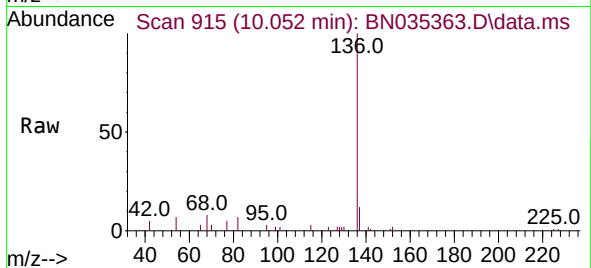
Tgt Ion: 99 Resp: 656
Ion Ratio Lower Upper
99 100
42 32.2 11.4 17.2#
71 46.8 29.3 43.9#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.052 min Scan# 915
Delta R.T. 0.000 min
Lab File: BN035363.D
Acq: 27 Nov 2024 23:56

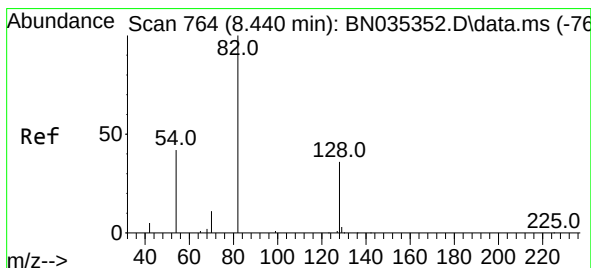
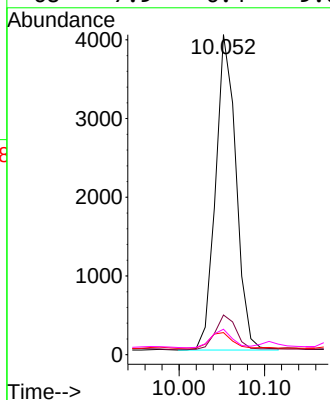
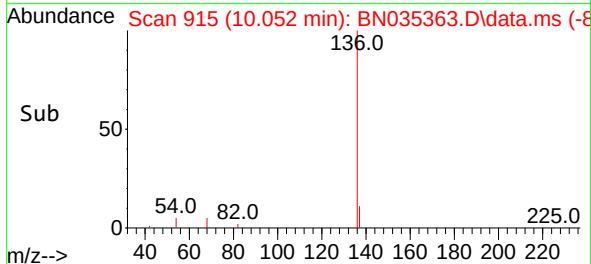
Instrument :
BNA_N
ClientSampleId :
TOWER-2



Tgt Ion:	136	Resp:	6670
Ion	Ratio	Lower	Upper
136	100		
137	12.4	10.2	15.2
54	6.9	6.1	9.1
68	7.9	6.4	9.6

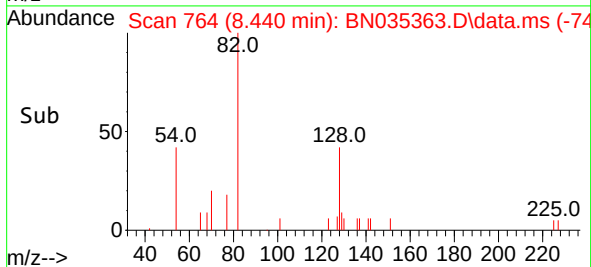
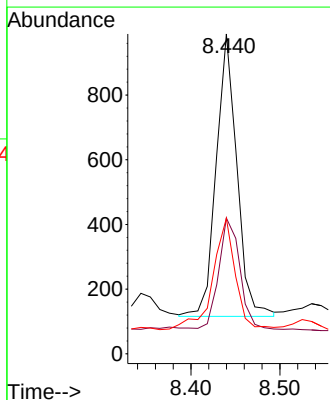
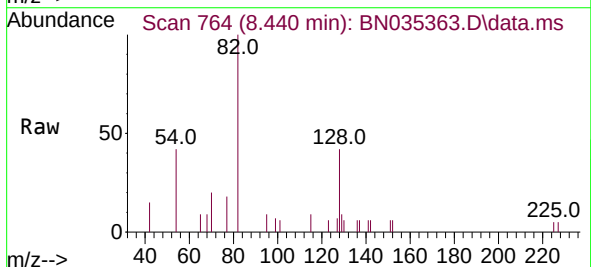
Manual Integrations
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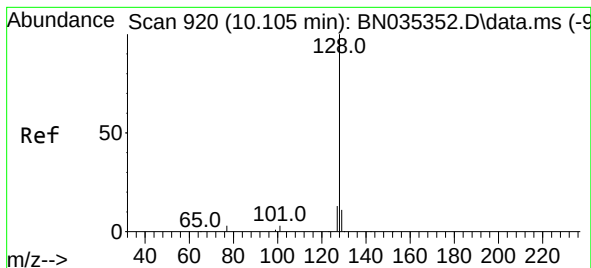
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 12/03/2024



#8
Nitrobenzene-d5
Concen: 0.346 ng m
RT: 8.440 min Scan# 764
Delta R.T. 0.000 min
Lab File: BN035363.D
Acq: 27 Nov 2024 23:56

Tgt Ion:	82	Resp:	1409
Ion	Ratio	Lower	Upper
82	100		
128	42.5	33.4	50.0
54	42.4	36.7	55.1





#9

Naphthalene

Concen: 0.036 ng

RT: 10.105 min Scan# 920

Delta R.T. 0.000 min

Lab File: BN035363.D

Acq: 27 Nov 2024 23:56

Instrument :

BN035363.D

ClientSampleId :

TOWER-2

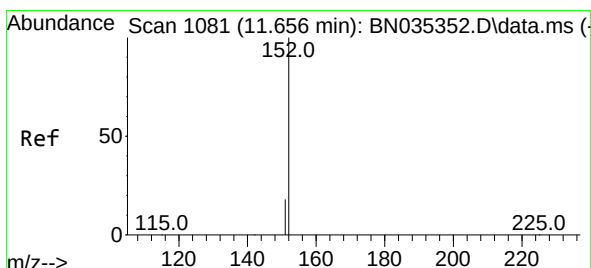
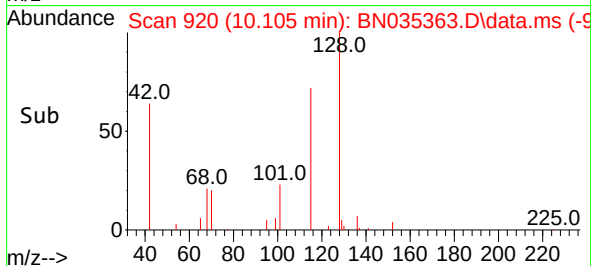
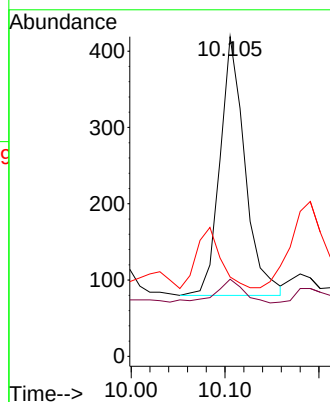
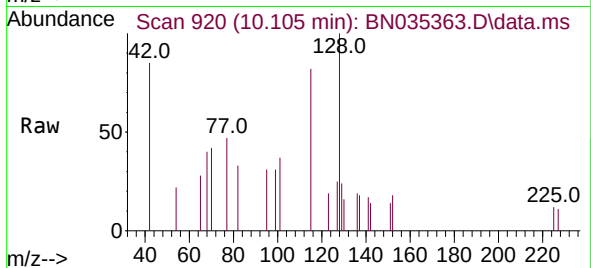
Tgt Ion:128	Resp:	62
Ion Ratio	Lower	Upper
128	100	
129	24.1	9.8 14.6
127	24.8	11.4 17.2

Manual Integrations

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Reviewed By :Yogesh Patel 11/29/2024

Supervised By :mohammad ahmed 12/03/2024



#11

2-Methylnaphthalene-d10

Concen: 0.341 ng

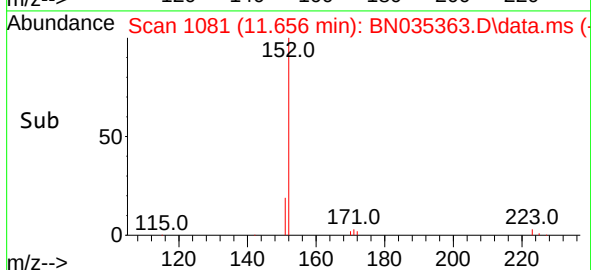
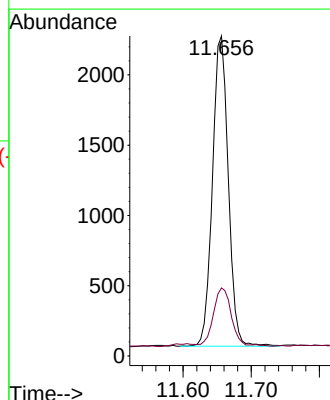
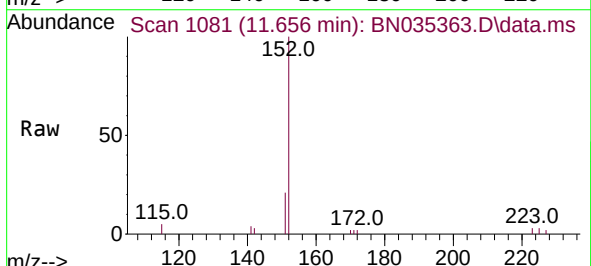
RT: 11.656 min Scan# 1081

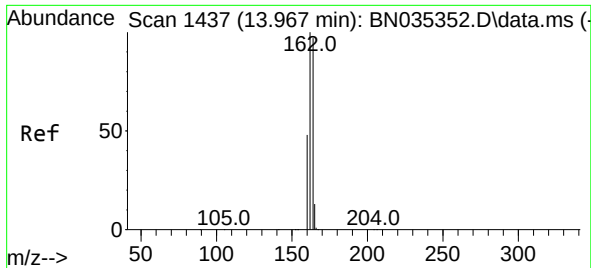
Delta R.T. 0.000 min

Lab File: BN035363.D

Acq: 27 Nov 2024 23:56

Tgt Ion:152	Resp:	3559
Ion Ratio	Lower	Upper
152	100	
151	20.3	16.6 25.0





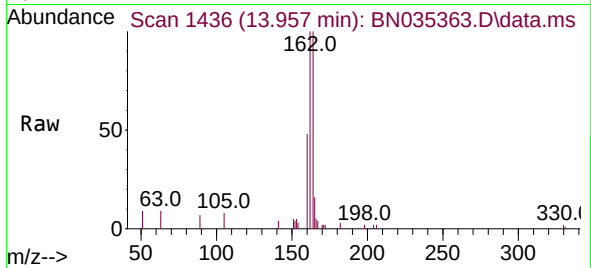
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.957 min Scan# 1436
Delta R.T. -0.011 min
Lab File: BN035363.D
Acq: 27 Nov 2024 23:56

Instrument :

BNA_N

ClientSampleId :

TOWER-2



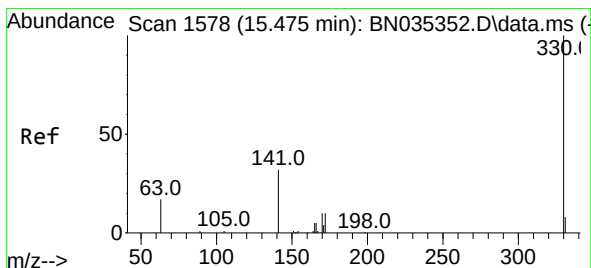
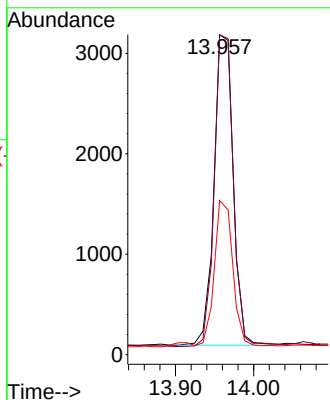
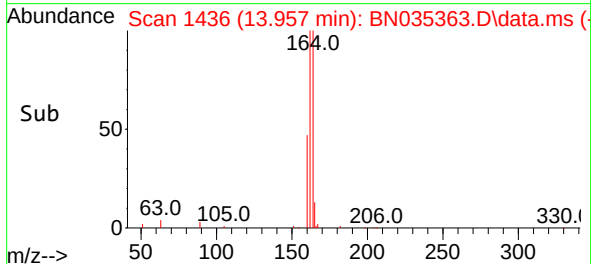
Tgt Ion:164 Resp: 5269
Ion Ratio Lower Upper
164 100
162 100.0 82.2 123.2
160 48.2 40.1 60.1

Manual Integrations

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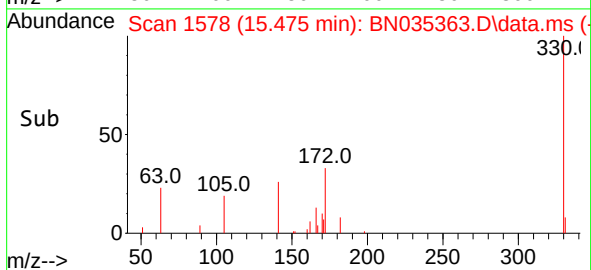
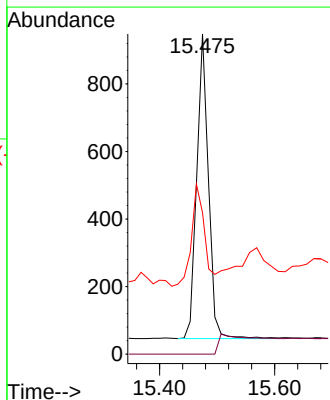
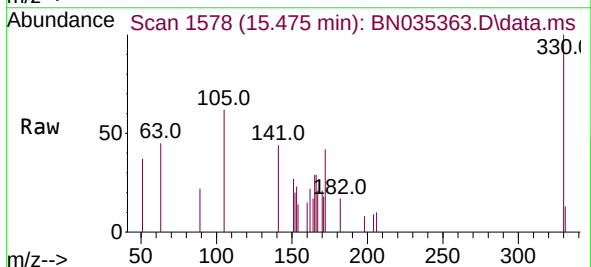
Reviewed By :Yogesh Patel 11/29/2024

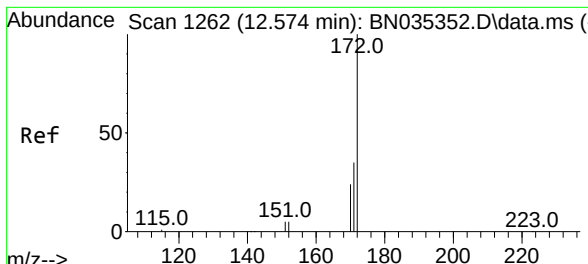
Supervised By :mohammad ahmed 12/03/2024



#14
2,4,6-Tribromophenol
Concen: 0.368 ng
RT: 15.475 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BN035363.D
Acq: 27 Nov 2024 23:56

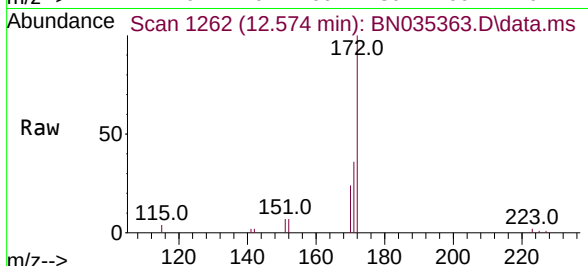
Tgt Ion:330 Resp: 1375
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 34.6 26.6 40.0





#15
2-Fluorobiphenyl
Concen: 0.293 ng
RT: 12.574 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN035363.D
Acq: 27 Nov 2024 23:56

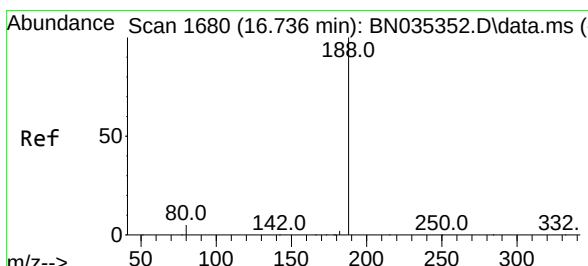
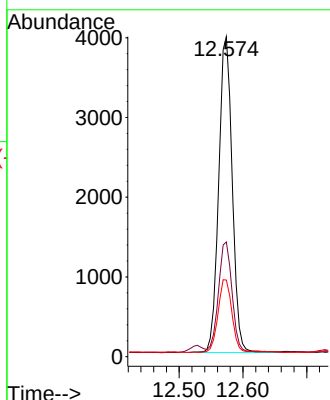
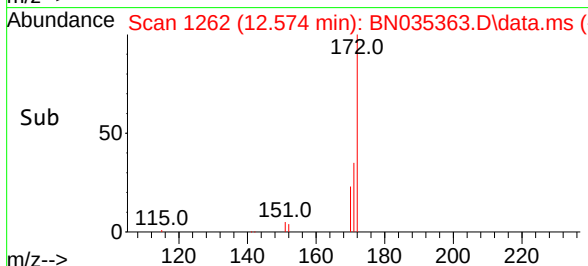
Instrument :
BNA_N
ClientSampleId :
TOWER-2



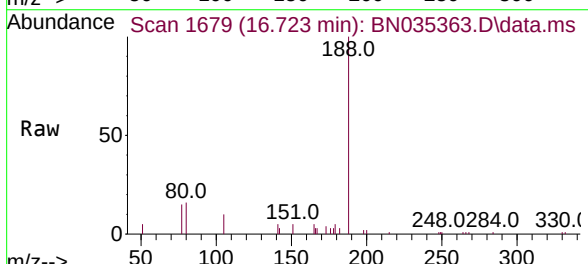
Tgt Ion:172 Resp: 5834
Ion Ratio Lower Upper
172 100
171 35.9 29.0 43.4
170 24.0 19.8 29.8

Manual Integrations
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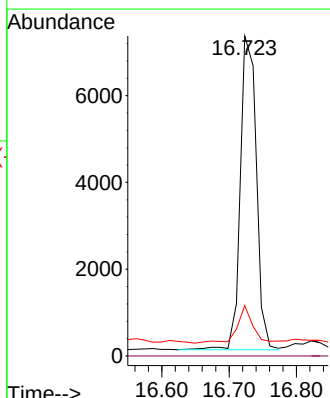
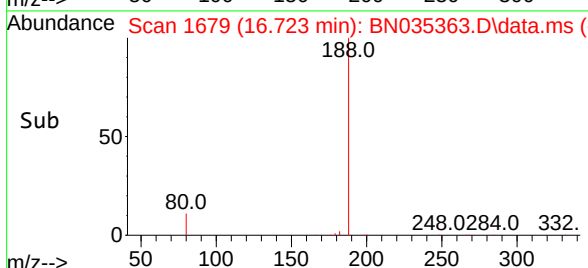
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 12/03/2024

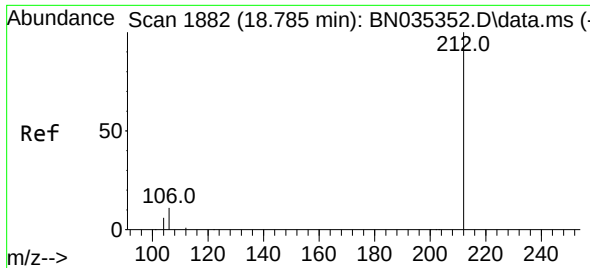


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.723 min Scan# 1679
Delta R.T. -0.012 min
Lab File: BN035363.D
Acq: 27 Nov 2024 23:56



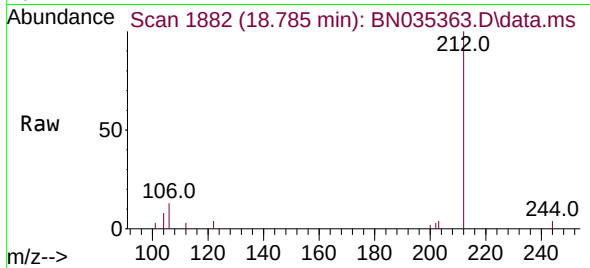
Tgt Ion:188 Resp: 11996
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.8 4.6 6.8





#27
Fluoranthene-d10
Concen: 0.411 ng
RT: 18.785 min Scan# 1882
Delta R.T. 0.000 min
Lab File: BN035363.D
Acq: 27 Nov 2024 23:56

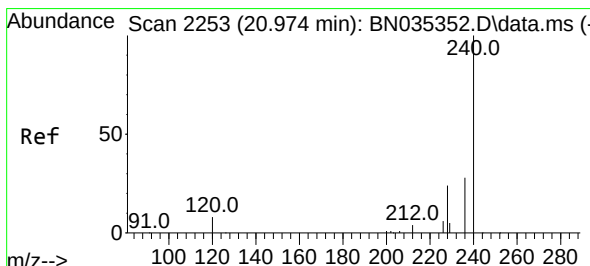
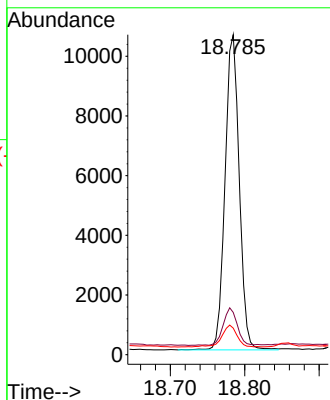
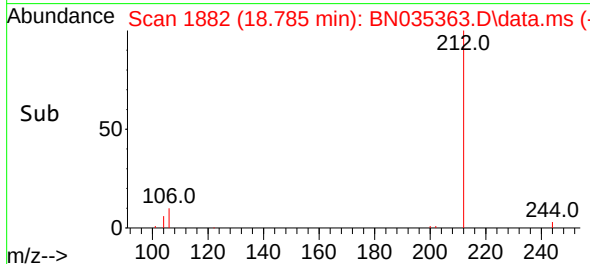
Instrument :
BNA_N
ClientSampleId :
TOWER-2



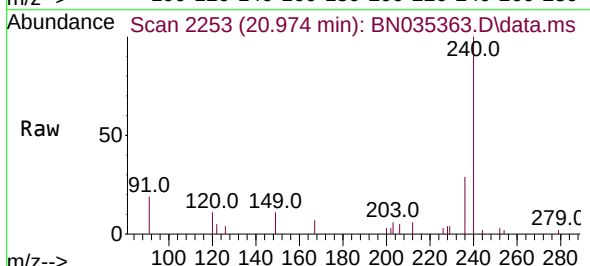
Tgt Ion:212 Resp: 13972
Ion Ratio Lower Upper
212 100
106 11.5 9.2 13.8
104 7.5 5.3 7.9

Manual Integrations
APPROVED

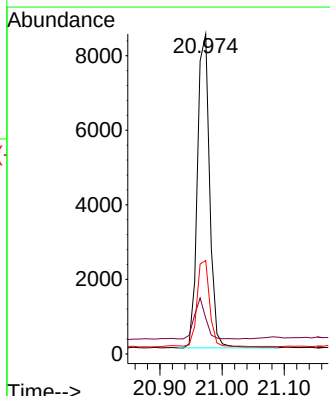
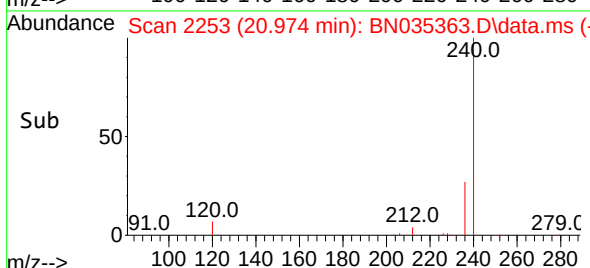
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 12/03/2024

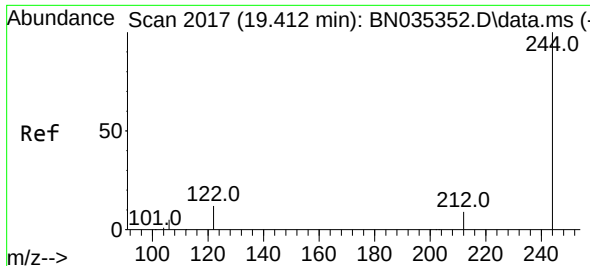


#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.974 min Scan# 2253
Delta R.T. 0.000 min
Lab File: BN035363.D
Acq: 27 Nov 2024 23:56



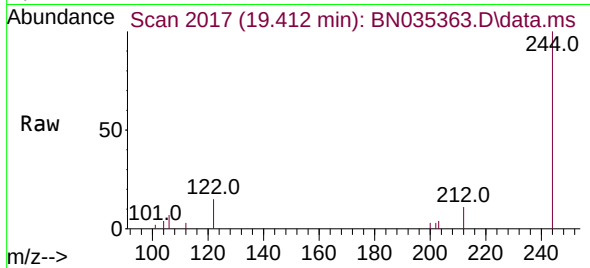
Tgt Ion:240 Resp: 11487
Ion Ratio Lower Upper
240 100
120 11.2 7.9 11.9
236 29.2 22.9 34.3





#31
 Terphenyl-d14
 Concen: 0.481 ng
 RT: 19.412 min Scan# 2017
 Delta R.T. 0.000 min
 Lab File: BN035363.D
 Acq: 27 Nov 2024 23:56

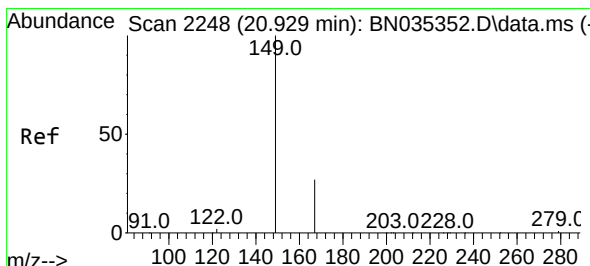
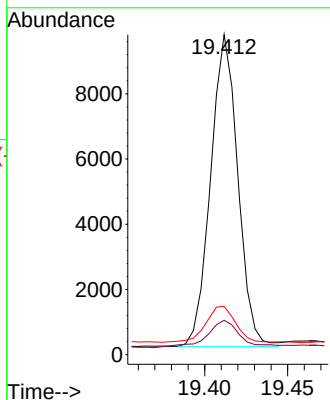
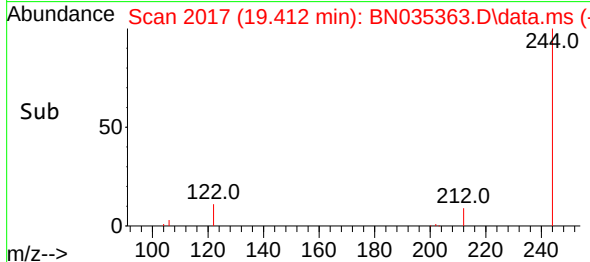
Instrument :
 BNA_N
 ClientSampleId :
 TOWER-2



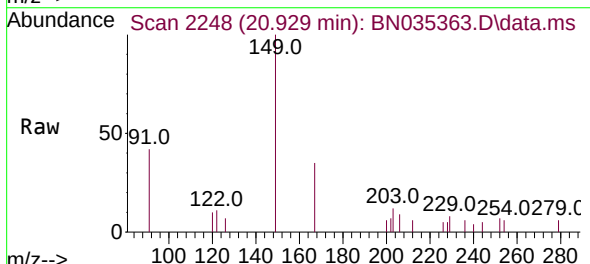
Tgt Ion:244 Resp: 1090
 Ion Ratio Lower Upper
 244 100
 212 10.7 8.1 12.1
 122 15.1 10.3 15.5

Manual Integrations
 APPROVED

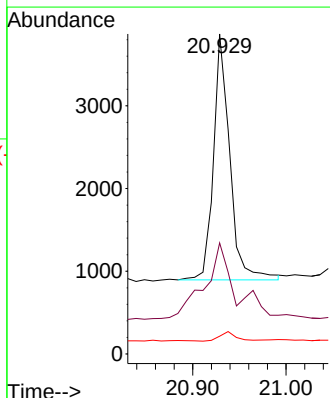
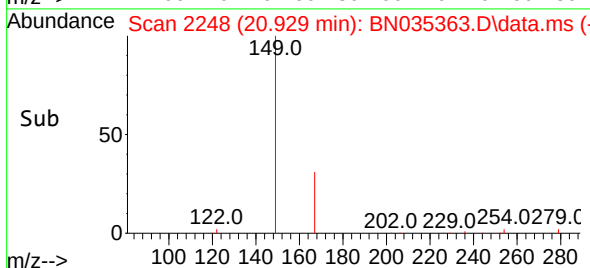
Reviewed By :Yogesh Patel 11/29/2024
 Supervised By :mohammad ahmed 12/03/2024

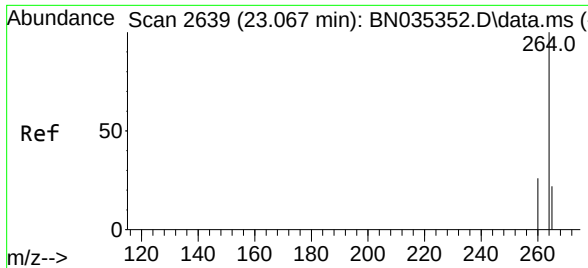


#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.227 ng
 RT: 20.929 min Scan# 2248
 Delta R.T. 0.000 min
 Lab File: BN035363.D
 Acq: 27 Nov 2024 23:56



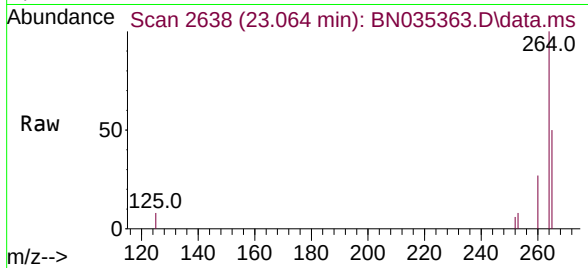
Tgt Ion:149 Resp: 3604
 Ion Ratio Lower Upper
 149 100
 167 54.6 22.2 33.4#
 279 3.9 2.7 4.1





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.064 min Scan# 20
Delta R.T. -0.003 min
Lab File: BN035363.D
Acq: 27 Nov 2024 23:56

Instrument :
BNA_N
ClientSampleId :
TOWER-2



Tgt Ion:264 Resp: 11858
Ion Ratio Lower Upper
264 100
260 27.0 21.4 32.2
265 49.8 40.2 60.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 12/03/2024

