

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102323\
 Data File : BN028352.D
 Acq On : 23 Oct 2023 19:36
 Operator : MA/JU
 Sample : PB156555BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB156555BL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/24/2023
 Supervised By :mohammad ahmed 10/25/2023

Quant Time: Oct 24 03:19:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN101223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 23 15:14:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	3111	0.400	ng	0.01
7) Naphthalene-d8	10.725	136	9248	0.400	ng	# 0.02
13) Acenaphthene-d10	14.544	164	5396	0.400	ng	0.01
19) Phenanthrene-d10	17.306	188	12555	0.400	ng	0.01
29) Chrysene-d12	21.497	240	10075	0.400	ng	0.00
35) Perylene-d12	23.952	264	2695	0.400	ng	# 0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.430	112	3494	0.362	ng	0.00
5) Phenol-d6	7.105	99	4018m	0.338	ng	0.05
8) Nitrobenzene-d5	9.134	82	2803	0.342	ng	0.03
11) 2-Methylnaphthalene-d10	12.313	152	5850	0.421	ng	0.02
14) 2,4,6-Tribromophenol	16.065	330	815	0.310	ng	0.00
15) 2-Fluorobiphenyl	13.176	172	7810	0.411	ng	0.01
27) Fluoranthene-d10	19.328	212	13265	0.395	ng	0.00
31) Terphenyl-d14	19.913	244	11337	0.530	ng	0.00

Target Compounds Qvalue

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

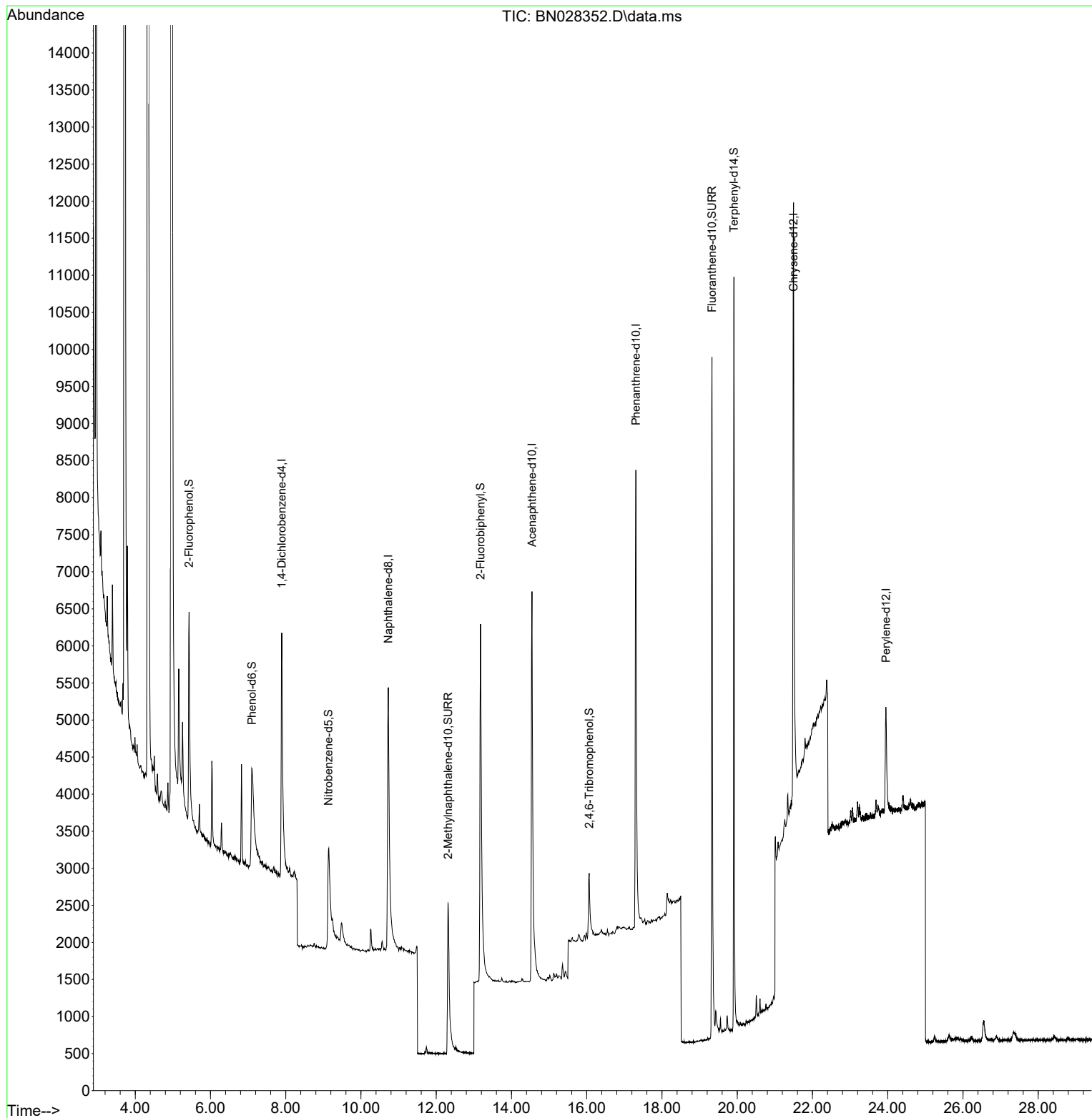
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102323\
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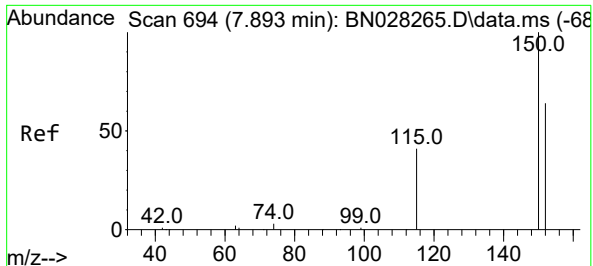
Instrument :
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Quant Time: Oct 24 03:19:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN101223.M
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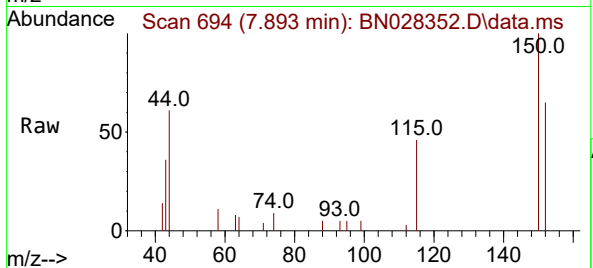
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.893 min Scan# 694
Delta R.T. 0.015 min
Lab File: BN028352.D
Acq: 23 Oct 2023 19:36

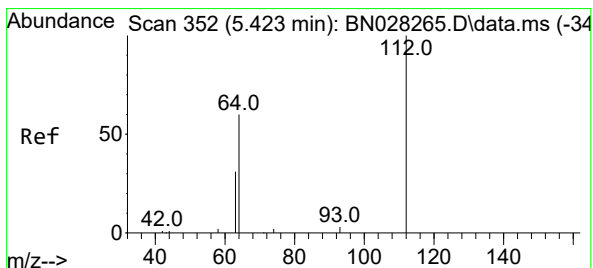
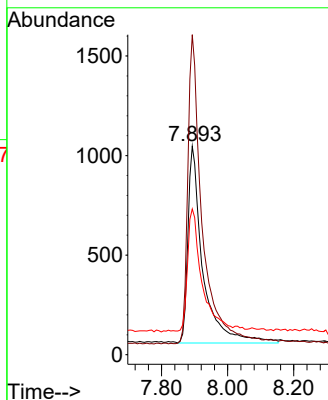
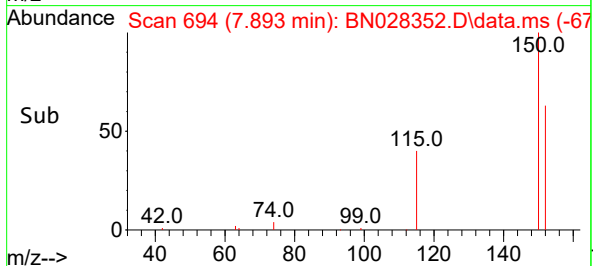
Instrument :
BNA_N
ClientSampleId :
PB156555BL



Tgt Ion:152 Resp: 311
Ion Ratio Lower Upper
152 100
150 153.5 121.6 182.4
115 69.9 54.3 81.5

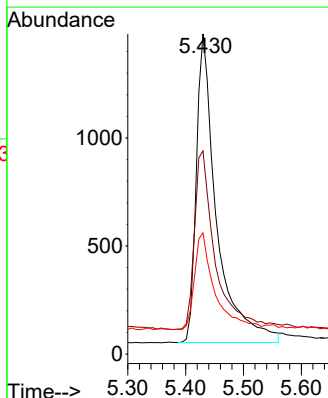
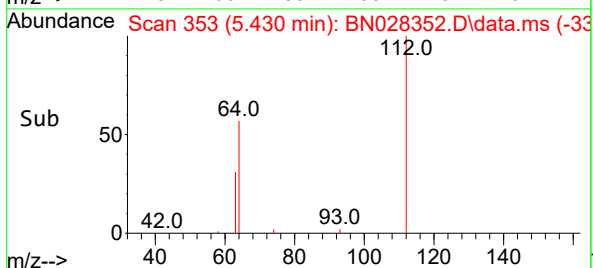
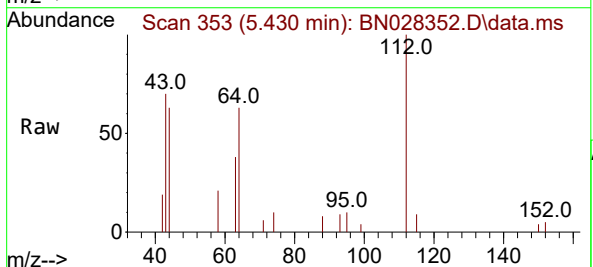
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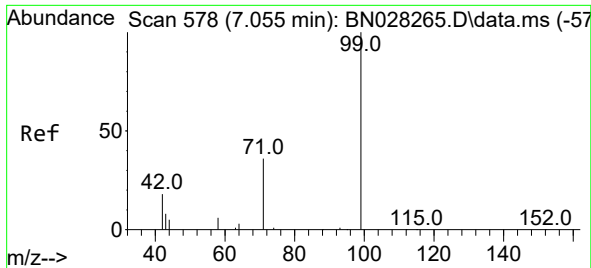
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023



#4
2-Fluorophenol
Concen: 0.362 ng
RT: 5.430 min Scan# 353
Delta R.T. 0.000 min
Lab File: BN028352.D
Acq: 23 Oct 2023 19:36

Tgt Ion:112 Resp: 3494
Ion Ratio Lower Upper
112 100
64 59.5 46.9 70.3
63 31.0 25.0 37.4





#5
Phenol-d6
Concen: 0.338 ng m
RT: 7.105 min Scan# 578
Delta R.T. 0.051 min
Lab File: BN028352.D
Acq: 23 Oct 2023 19:36

Instrument :

BNA_N

ClientSampleId :

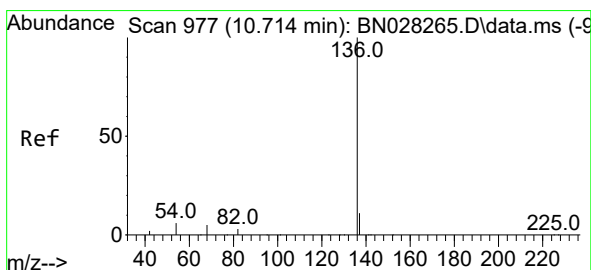
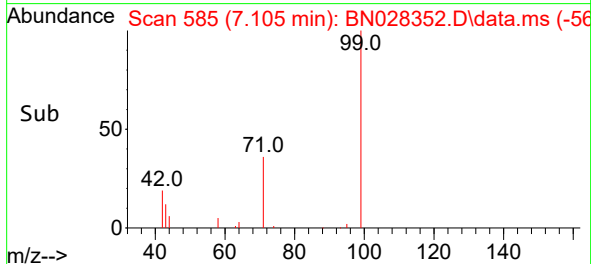
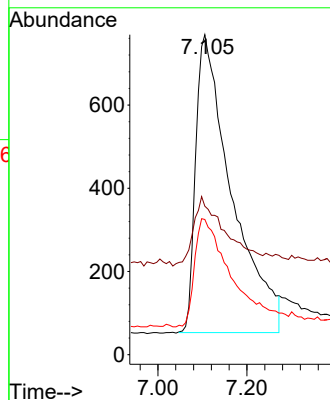
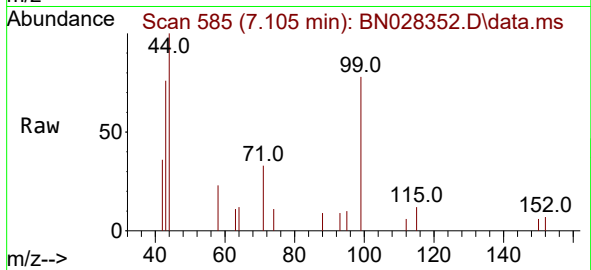
PB156555BL

Tgt Ion: 99 Resp: 4018
Ion Ratio Lower Upper
99 100
42 19.0 15.9 23.9
71 31.3 28.6 42.8

Manual Integrations

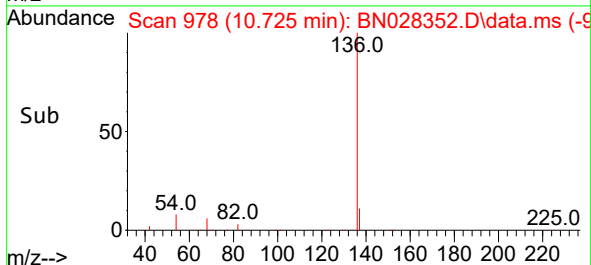
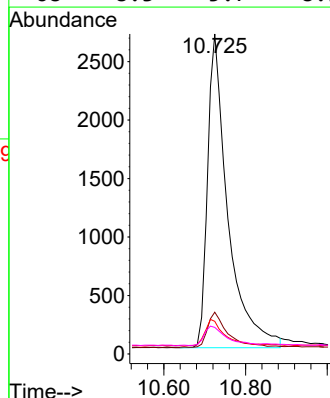
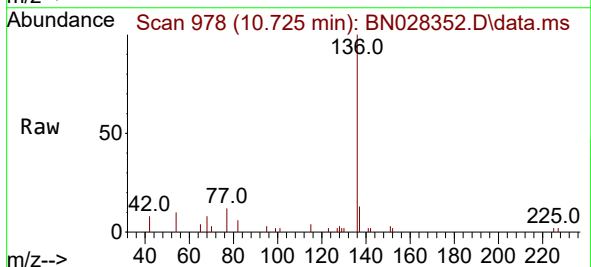
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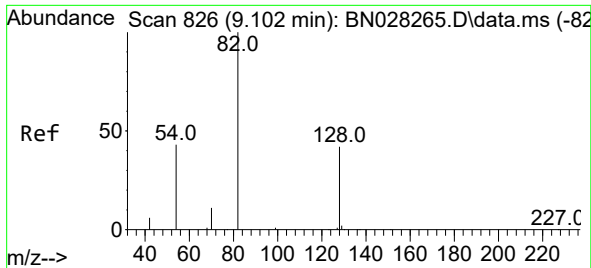
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.725 min Scan# 978
Delta R.T. 0.021 min
Lab File: BN028352.D
Acq: 23 Oct 2023 19:36

Tgt Ion:136 Resp: 9248
Ion Ratio Lower Upper
136 100
137 13.0 9.8 14.8
54 10.2 6.2 9.4#
68 8.3 5.7 8.5





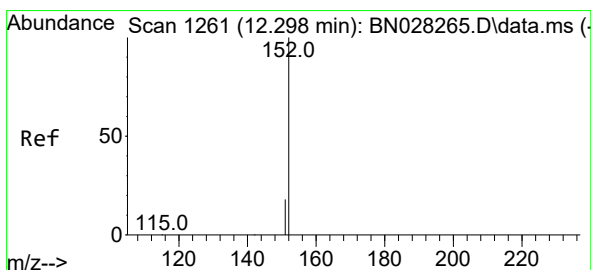
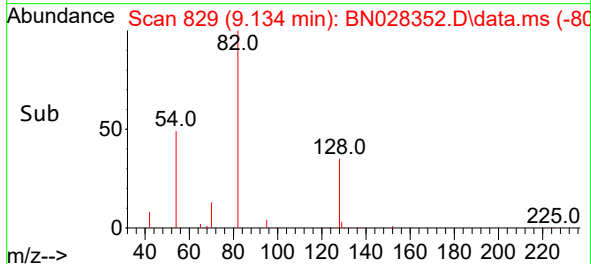
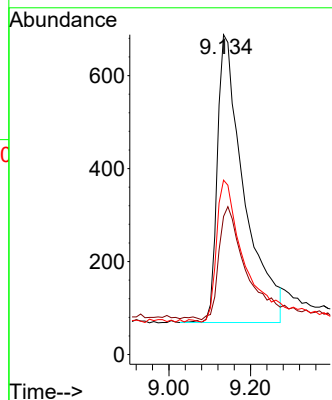
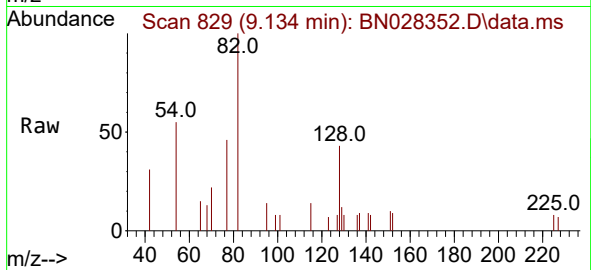
#8
Nitrobenzene-d5
Concen: 0.342 ng
RT: 9.134 min Scan# 81
Delta R.T. 0.032 min
Lab File: BN028352.D
Acq: 23 Oct 2023 19:36

Instrument :
BNA_N
ClientSampleId :
PB156555BL

Tgt Ion: 82 Resp: 280
Ion Ratio Lower Upper
82 100
128 43.2 36.8 55.2
54 54.5 37.4 56.2

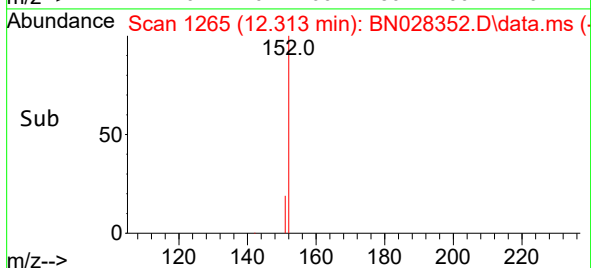
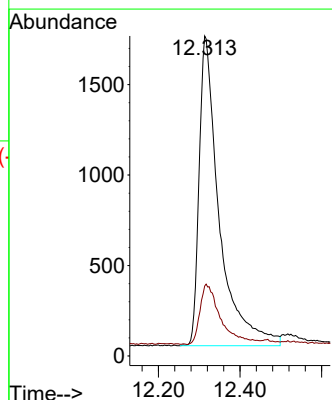
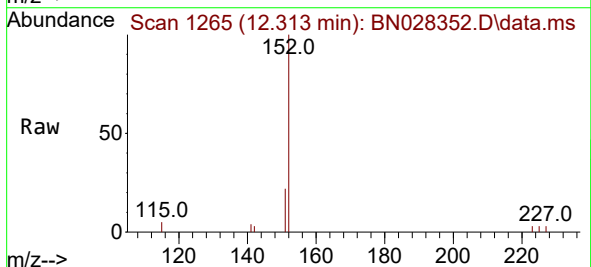
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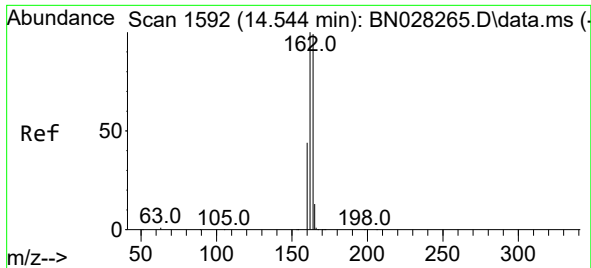
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023



#11
2-Methylnaphthalene-d10
Concen: 0.421 ng
RT: 12.313 min Scan# 1265
Delta R.T. 0.019 min
Lab File: BN028352.D
Acq: 23 Oct 2023 19:36

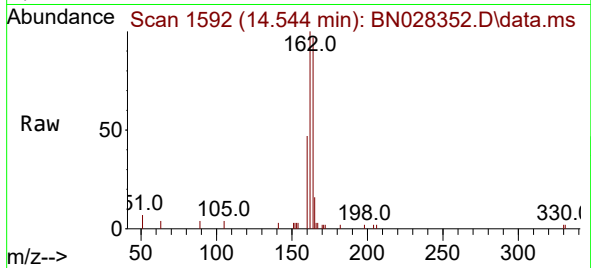
Tgt Ion:152 Resp: 5850
Ion Ratio Lower Upper
152 100
151 19.8 16.1 24.1





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.544 min Scan# 1592
Delta R.T. 0.011 min
Lab File: BN028352.D
Acq: 23 Oct 2023 19:36

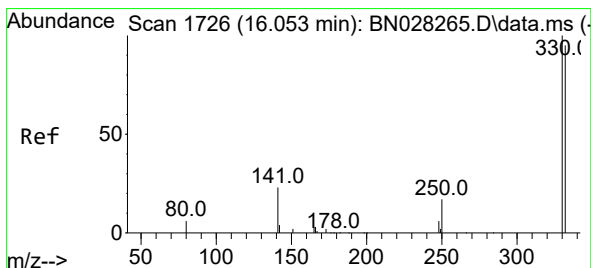
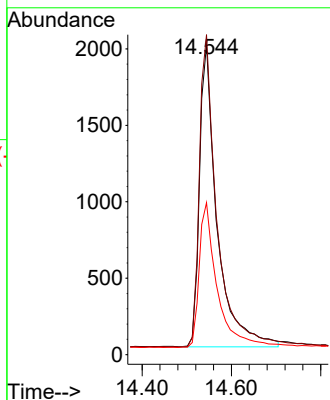
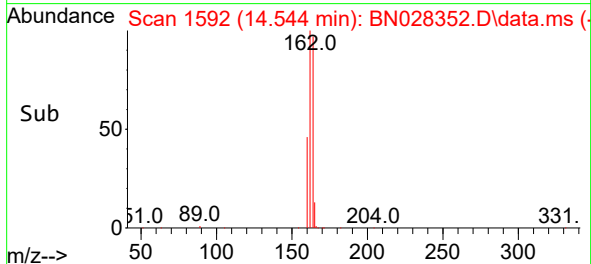
Instrument :
BNA_N
ClientSampleId :
PB156555BL



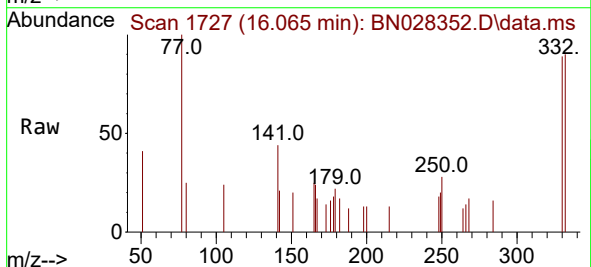
Tgt Ion:164 Resp: 5390
Ion Ratio Lower Upper
164 100
162 103.3 81.1 121.7
160 49.0 36.6 54.8

Manual Integrations
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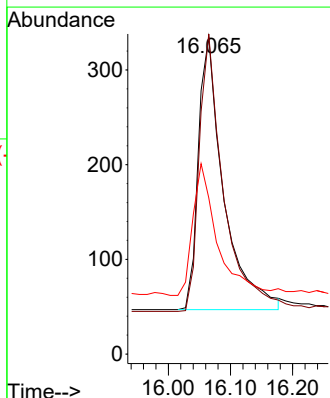
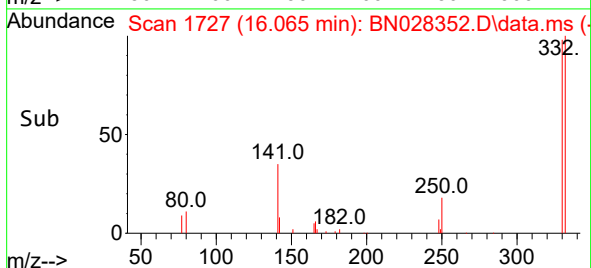
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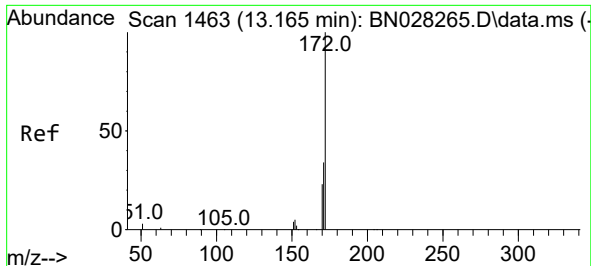


#14
2,4,6-Tribromophenol
Concen: 0.310 ng
RT: 16.065 min Scan# 1727
Delta R.T. 0.000 min
Lab File: BN028352.D
Acq: 23 Oct 2023 19:36



Tgt Ion:330 Resp: 815
Ion Ratio Lower Upper
330 100
332 98.7 74.1 111.1
141 46.7 32.1 48.1





#15
2-Fluorobiphenyl
Concen: 0.411 ng
RT: 13.176 min Scan# 1463
Delta R.T. 0.011 min
Lab File: BN028352.D
Acq: 23 Oct 2023 19:36

Instrument :

BNA_N

ClientSampleId :

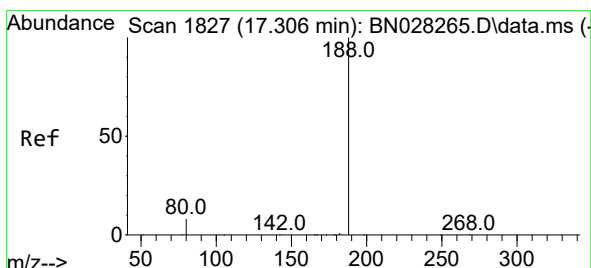
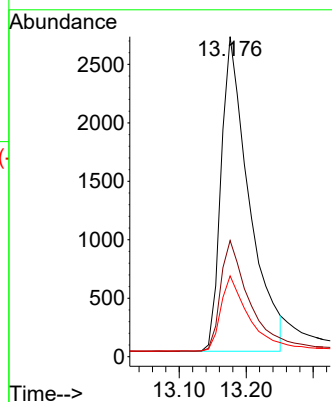
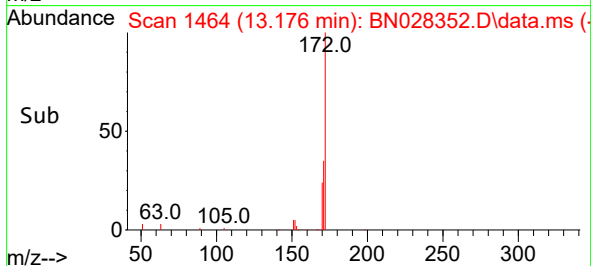
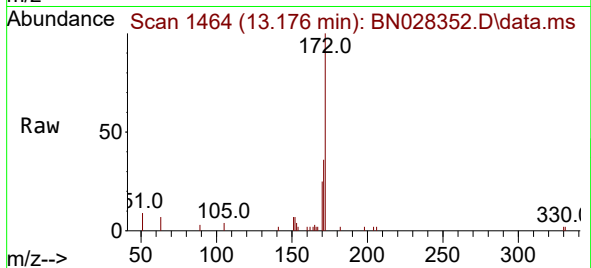
PB156555BL

Tgt Ion:172 Resp: 7810
Ion Ratio Lower Upper
172 100
171 36.3 28.3 42.5
170 25.2 18.7 28.1

Manual Integrations

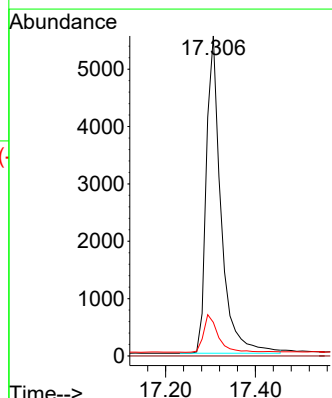
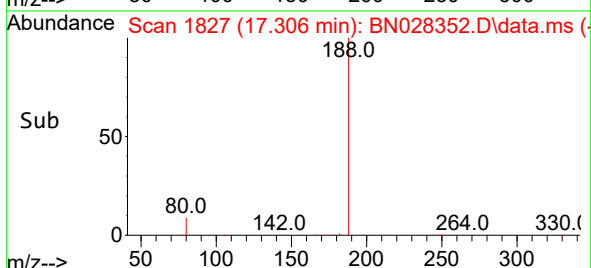
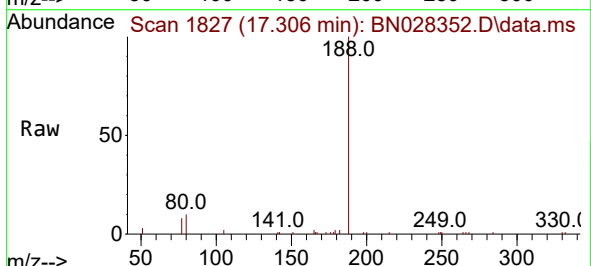
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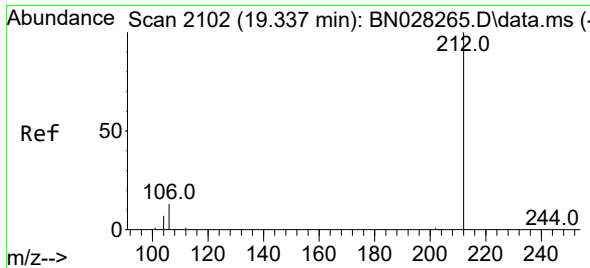
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.306 min Scan# 1827
Delta R.T. 0.012 min
Lab File: BN028352.D
Acq: 23 Oct 2023 19:36

Tgt Ion:188 Resp: 12555
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.5 7.1 10.7





#27
Fluoranthene-d10
Concen: 0.395 ng
RT: 19.328 min Scan# 2100
Delta R.T. 0.000 min
Lab File: BN028352.D
Acq: 23 Oct 2023 19:36

Instrument :

BNA_N

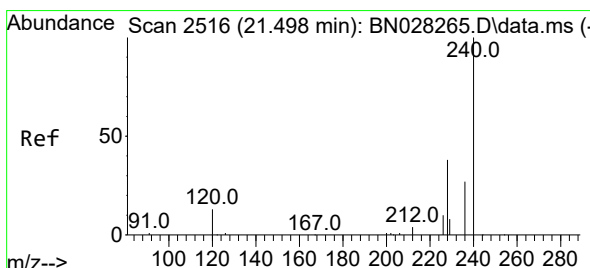
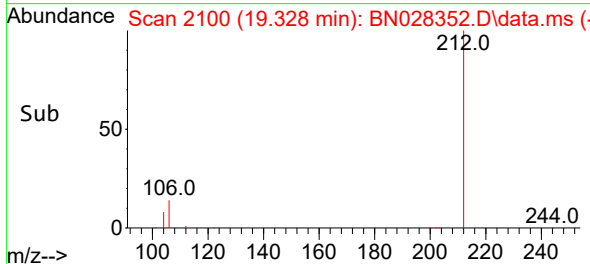
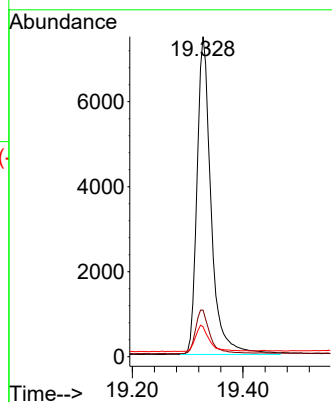
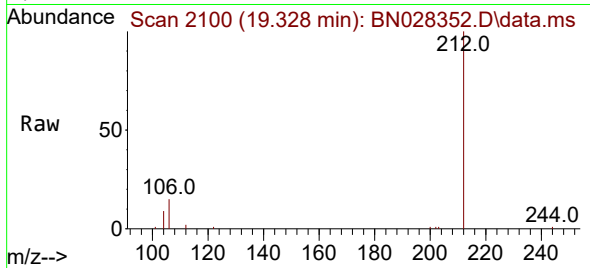
ClientSampleId :

PB156555BL

Tgt Ion:212 Resp: 1326
Ion Ratio Lower Upper
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106 13.9 11.5 17.3
104 8.1 6.7 10.1

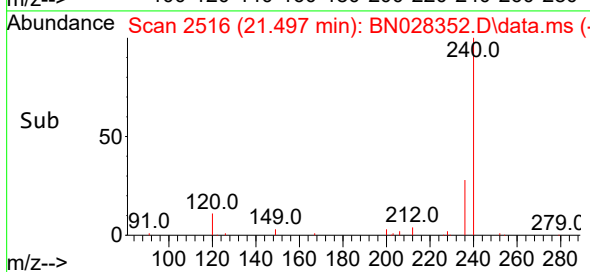
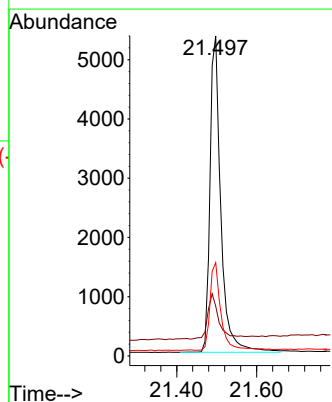
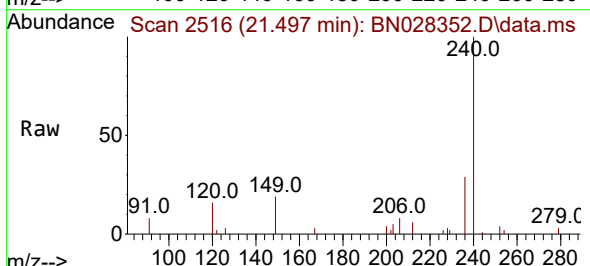
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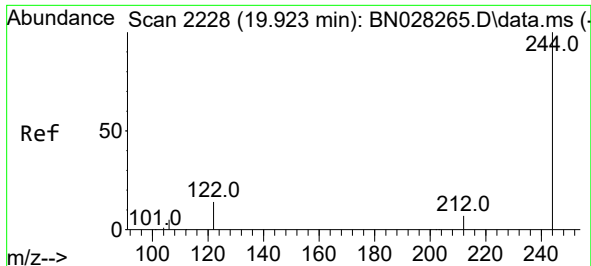
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.497 min Scan# 2516
Delta R.T. 0.009 min
Lab File: BN028352.D
Acq: 23 Oct 2023 19:36

Tgt Ion:240 Resp: 10075
Ion Ratio Lower Upper
240 100
120 15.6 13.4 20.0
236 29.2 22.7 34.1





#31
Terphenyl-d14
Concen: 0.530 ng
RT: 19.913 min Scan# 2113
Delta R.T. -0.005 min
Lab File: BN028352.D
Acq: 23 Oct 2023 19:36

Instrument :

BNA_N

ClientSampleId :

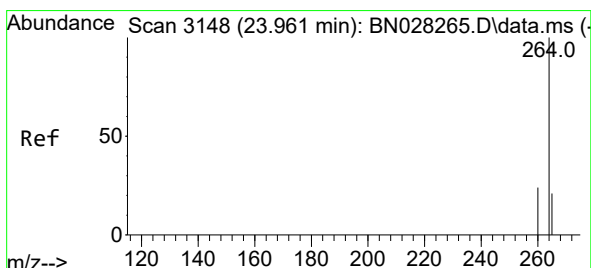
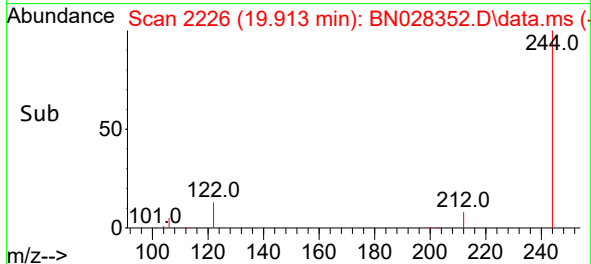
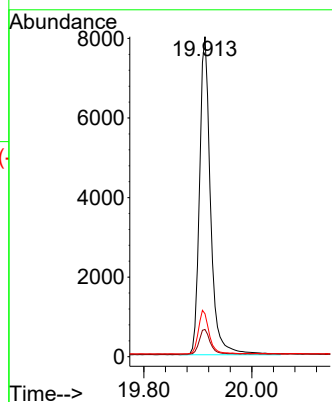
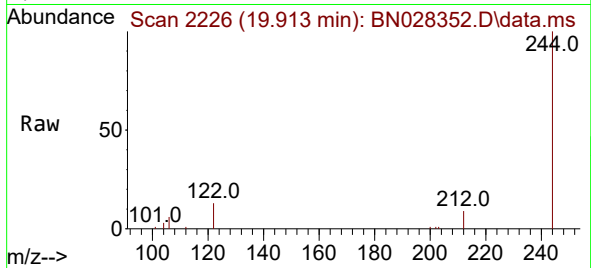
PB156555BL

Tgt Ion:244 Resp: 1133
Ion Ratio Lower Upper
244 100
212 8.5 6.6 10.0
122 13.4 11.7 17.5

Manual Integrations

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Supervised By :mohammad ahmed 10/25/2023



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.952 min Scan# 3145
Delta R.T. 0.015 min
Lab File: BN028352.D
Acq: 23 Oct 2023 19:36

Tgt Ion:264 Resp: 2695
Ion Ratio Lower Upper
264 100
260 31.3 20.7 31.1#
265 231.6 38.3 57.5#

