

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072924\
 Data File : BN033063.D
 Acq On : 29 Jul 2024 10:51
 Operator : MA/JU
 Sample : PB162236BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB162236BL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/30/2024
 Supervised By :mohammad ahmed 07/30/2024

Quant Time: Jul 29 11:35:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 29 10:37:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	2248m	0.400	ng	0.09
7) Naphthalene-d8	10.522	136	7922m	0.400	ng	0.19
13) Acenaphthene-d10	14.244	164	4941m	0.400	ng	0.07
19) Phenanthrene-d10	17.032	188	11397m	0.400	ng	0.07
29) Chrysene-d12	21.196	240	9263	0.400	ng	# 0.04
35) Perylene-d12	23.382	264	9302	0.400	ng	# 0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.242	112	2088	0.367	ng	0.00
5) Phenol-d6	7.120	99	2901m	0.411	ng	0.22
8) Nitrobenzene-d5	9.123	82	2053m	0.344	ng	0.27
11) 2-Methylnaphthalene-d10	12.120	152	4010m	0.331	ng	0.17
14) 2,4,6-Tribromophenol	15.840	330	387m	0.183	ng	0.10
15) 2-Fluorobiphenyl	12.961	172	6031m	0.328	ng	0.14
27) Fluoranthene-d10	19.034	212	11535m	0.391	ng	0.04
31) Terphenyl-d14	19.619	244	7142	0.376	ng	0.02

Target Compounds Qvalue

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

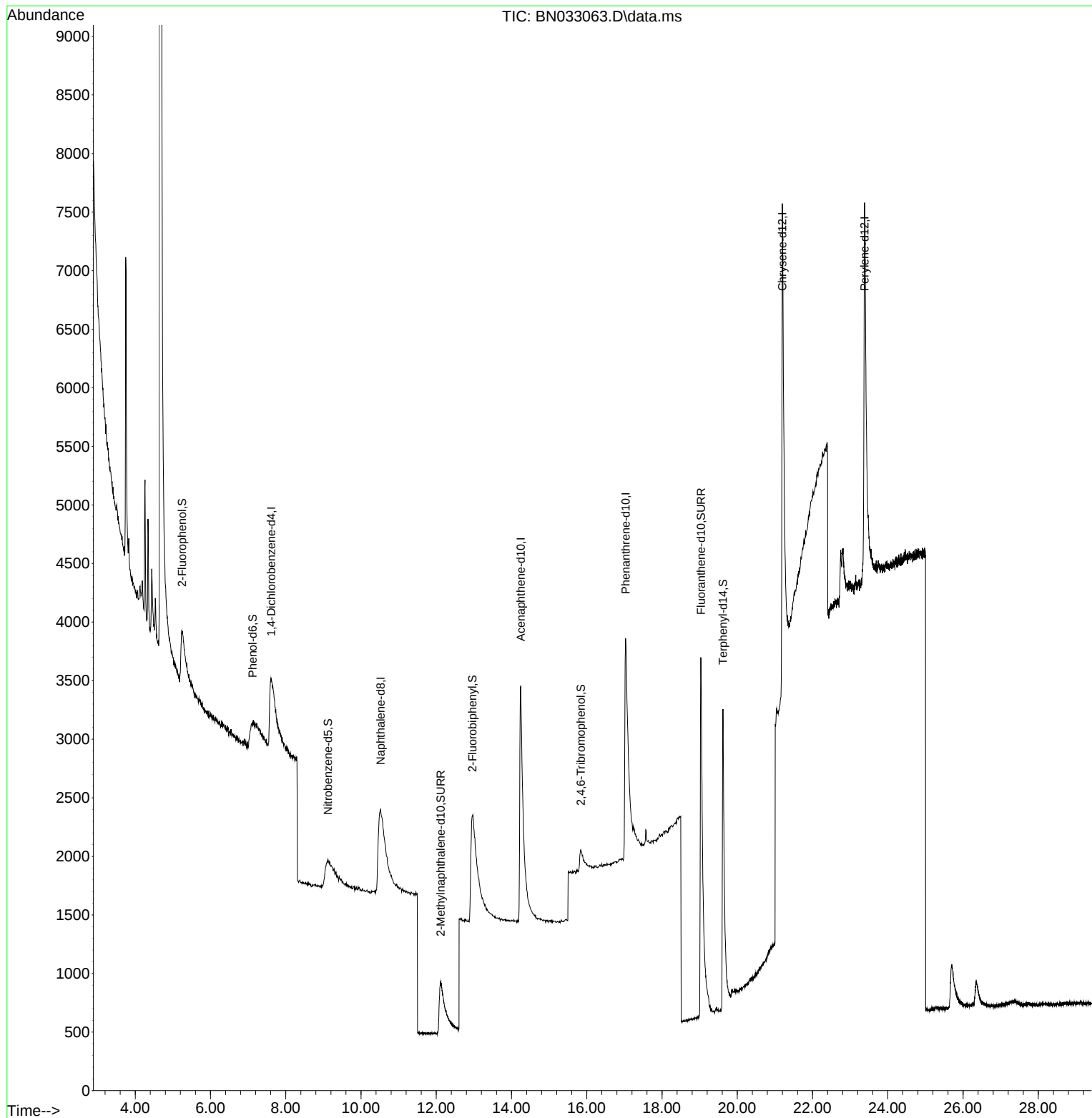
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072924\
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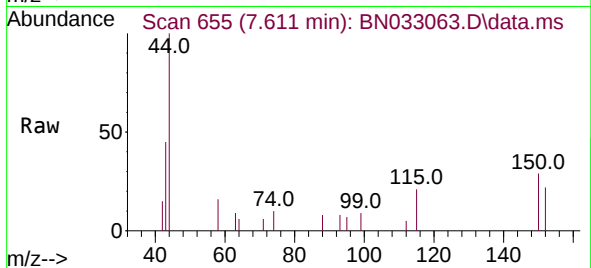
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng m
RT: 7.611 min Scan# 611
Delta R.T. 0.087 min
Lab File: BN033063.D
Acq: 29 Jul 2024 10:51

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BNA_N

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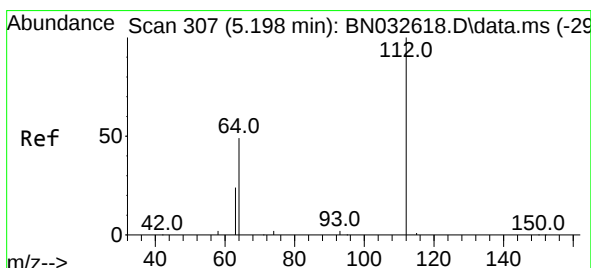
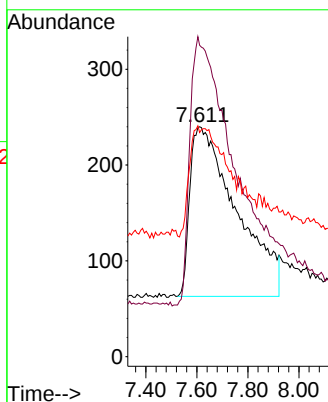
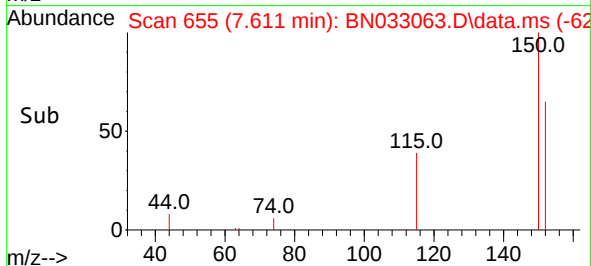
Tgt Ion:152 Resp: 2248
Ion Ratio Lower Upper
152 100
150 135.4 123.8 185.6
115 97.5 52.8 79.2

Manual Integrations

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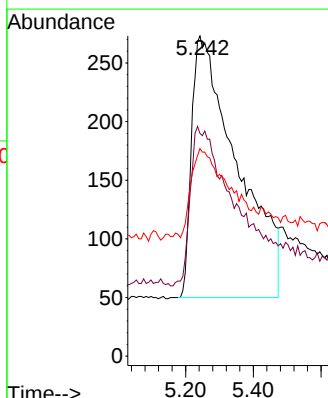
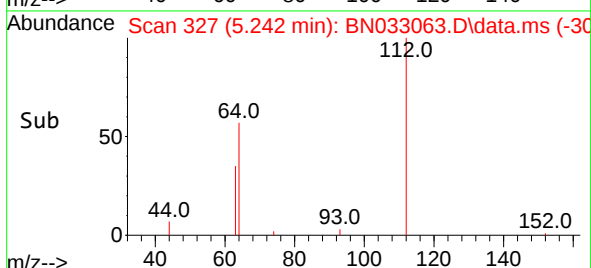
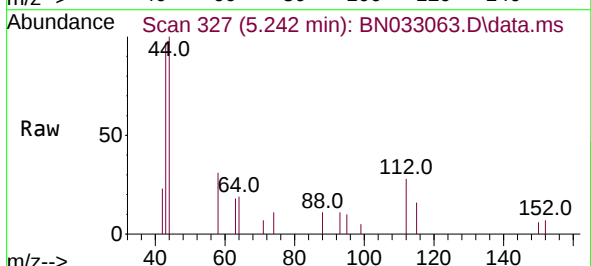
Reviewed By :Yogesh Patel 07/30/2024

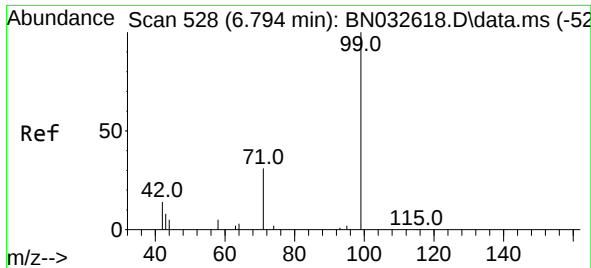
Supervised By :mohammad ahmed 07/30/2024



#4
2-Fluorophenol
Concen: 0.367 ng
RT: 5.242 min Scan# 327
Delta R.T. 0.000 min
Lab File: BN033063.D
Acq: 29 Jul 2024 10:51

Tgt Ion:112 Resp: 2088
Ion Ratio Lower Upper
112 100
64 61.1 40.2 60.4#
63 29.4 22.2 33.4





#5
Phenol-d6
Concen: 0.411 ng m
RT: 7.120 min Scan# 528
Delta R.T. 0.217 min
Lab File: BN033063.D
Acq: 29 Jul 2024 10:51

Instrument :

BNA_N

ClientSampleId :

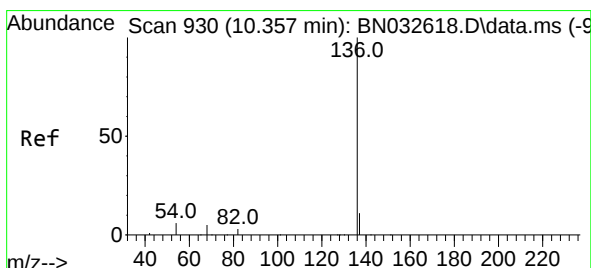
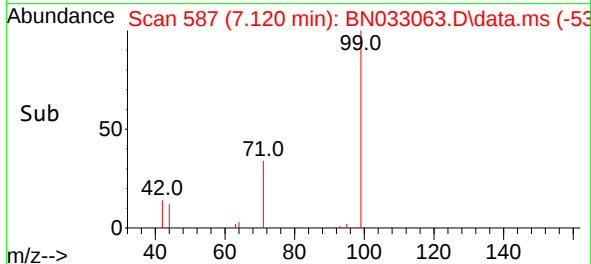
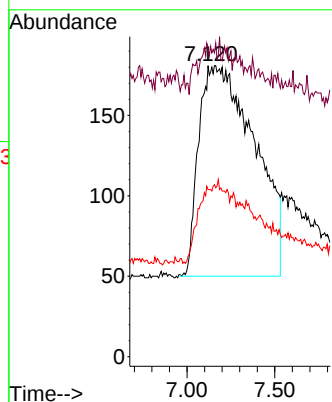
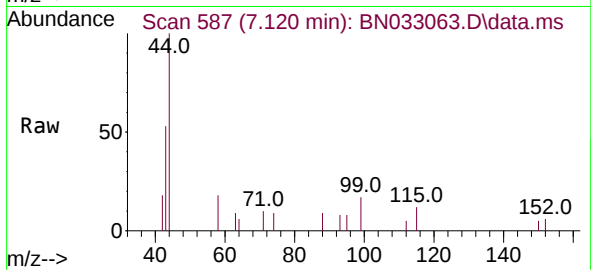
PB162236BL

Tgt Ion: 99 Resp: 290
Ion Ratio Lower Upper
99 100
42 1.6 10.5 15.7
71 7.9 22.3 33.5

Manual Integrations

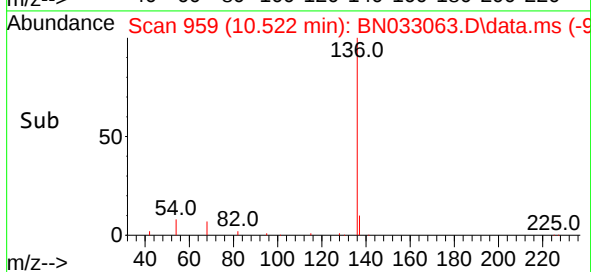
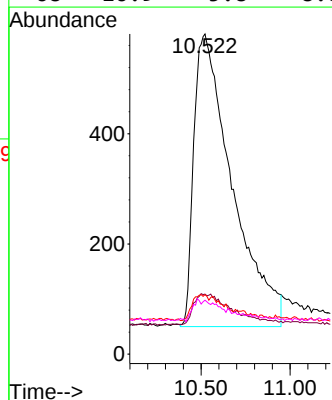
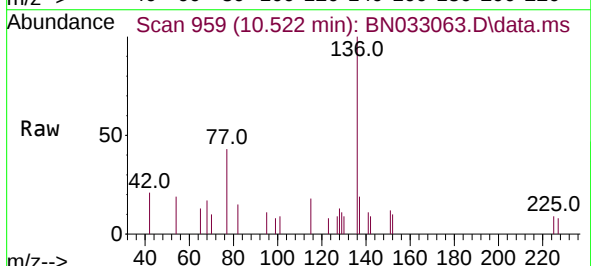
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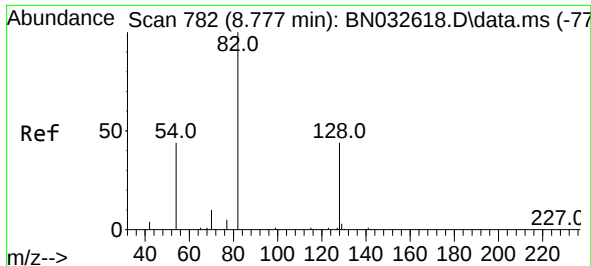
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/30/2024



#7
Naphthalene-d8
Concen: 0.400 ng m
RT: 10.522 min Scan# 959
Delta R.T. 0.192 min
Lab File: BN033063.D
Acq: 29 Jul 2024 10:51

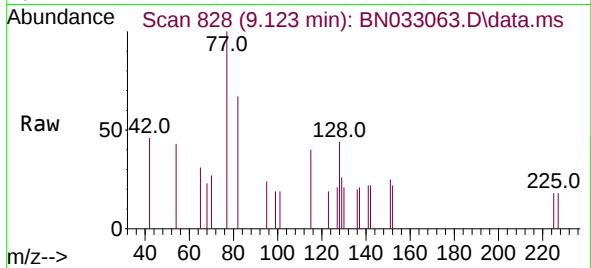
Tgt Ion:136 Resp: 7922
Ion Ratio Lower Upper
136 100
137 18.8 9.9 14.9#
54 18.6 6.5 9.7#
68 16.9 5.8 8.8#





#8
Nitrobenzene-d5
Concen: 0.344 ng m
RT: 9.123 min Scan# 81
Delta R.T. 0.267 min
Lab File: BN033063.D
Acq: 29 Jul 2024 10:51

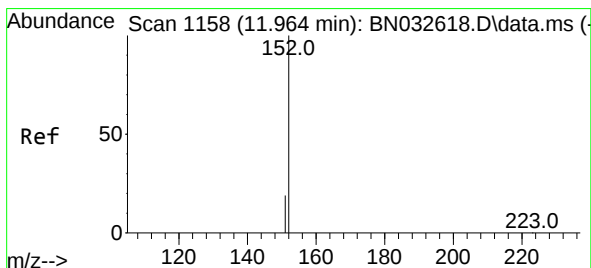
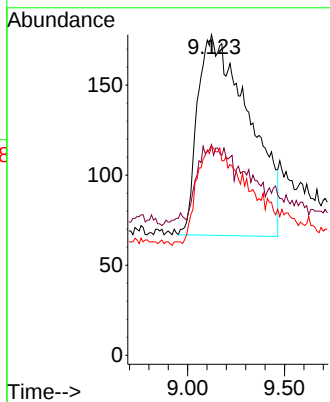
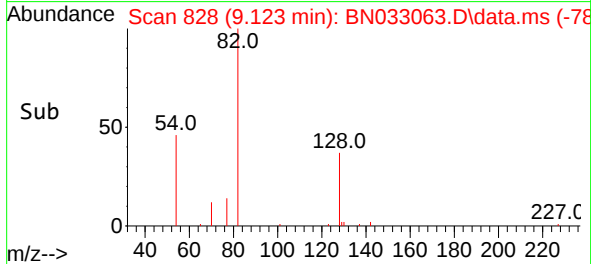
Instrument :
BNA_N
ClientSampleId :
PB162236BL



Tgt Ion: 82 Resp: 205
Ion Ratio Lower Upper
82 100
128 65.7 41.7 62.5
54 65.2 39.5 59.3

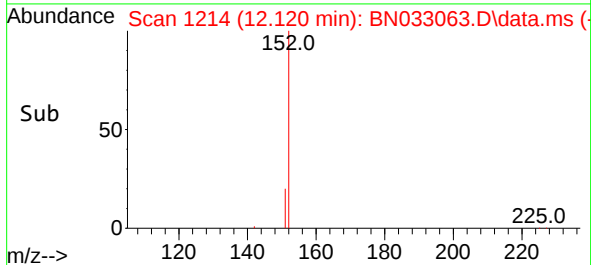
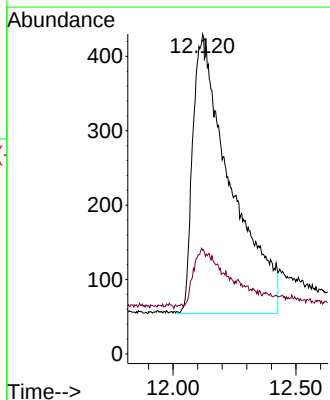
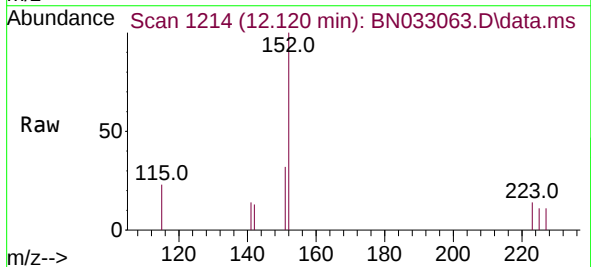
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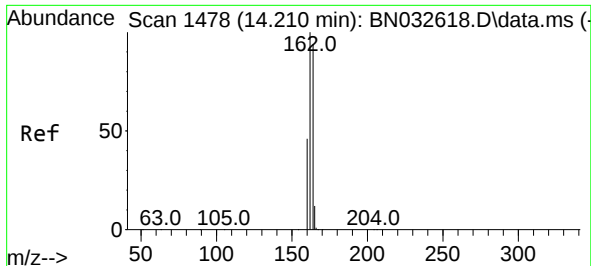
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/30/2024



#11
2-Methylnaphthalene-d10
Concen: 0.331 ng m
RT: 12.120 min Scan# 1214
Delta R.T. 0.174 min
Lab File: BN033063.D
Acq: 29 Jul 2024 10:51

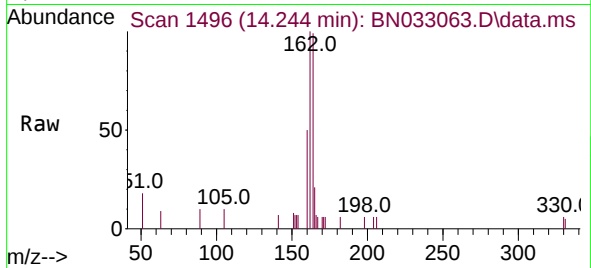
Tgt Ion:152 Resp: 4010
Ion Ratio Lower Upper
152 100
151 6.4 16.2 24.2





#13
Acenaphthene-d10
Concen: 0.400 ng m
RT: 14.244 min Scan# 1478
Delta R.T. 0.075 min
Lab File: BN033063.D
Acq: 29 Jul 2024 10:51

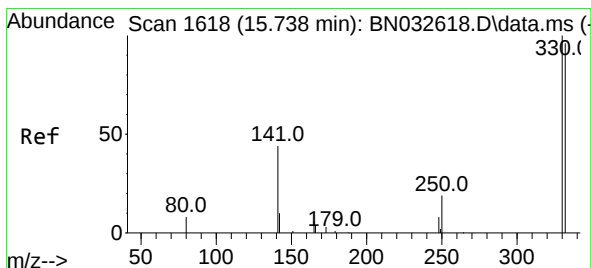
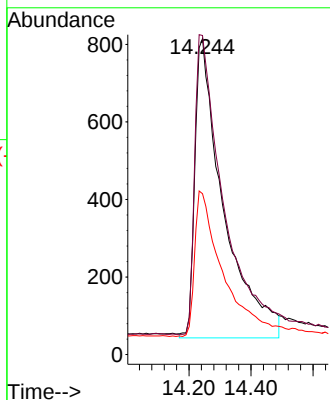
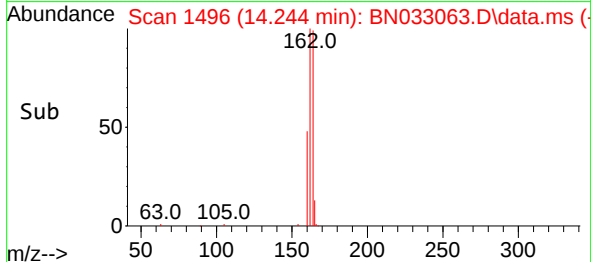
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ClientSampleId :
PB162236BL



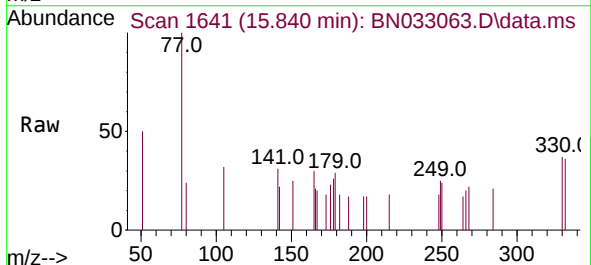
Tgt Ion:164 Resp: 494
Ion Ratio Lower Upper
164 100
162 101.0 85.0 127.4
160 50.9 39.4 59.2

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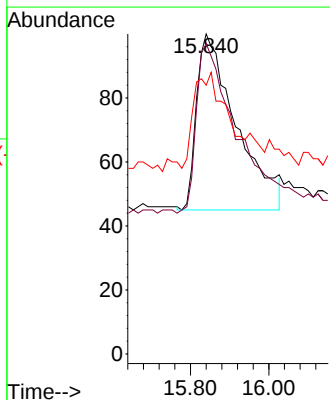
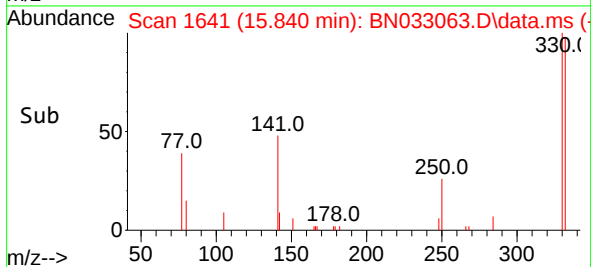
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/30/2024

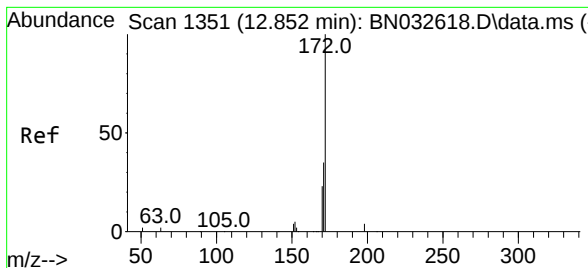


#14
2,4,6-Tribromophenol
Concen: 0.183 ng m
RT: 15.840 min Scan# 1641
Delta R.T. 0.099 min
Lab File: BN033063.D
Acq: 29 Jul 2024 10:51



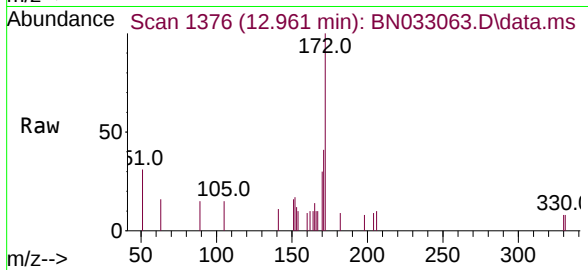
Tgt Ion:330 Resp: 387
Ion Ratio Lower Upper
330 100
332 60.7 77.8 116.8#
141 37.0 34.2 51.2





#15
2-Fluorobiphenyl
Concen: 0.328 ng m
RT: 12.961 min Scan# 11
Delta R.T. 0.139 min
Lab File: BN033063.D
Acq: 29 Jul 2024 10:51

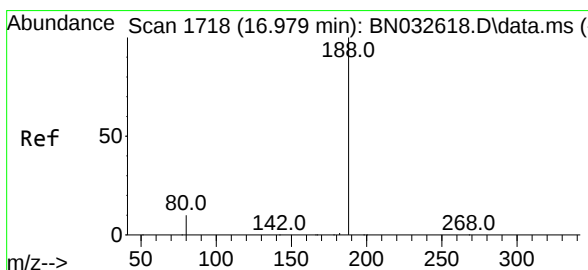
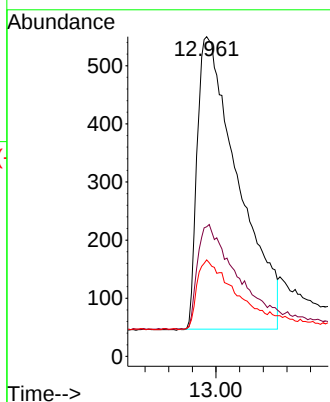
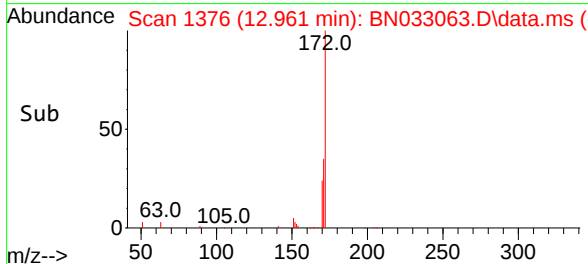
Instrument :
BNA_N
ClientSampleId :
PB162236BL



Tgt Ion:172 Resp: 603
Ion Ratio Lower Upper
172 100
171 40.5 28.6 43.0
170 30.2 19.0 28.6

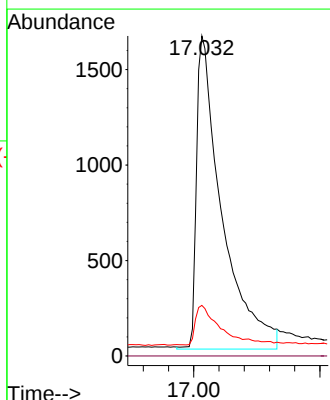
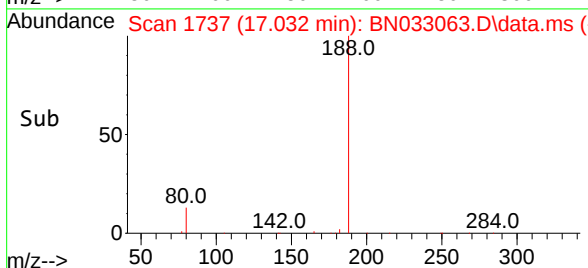
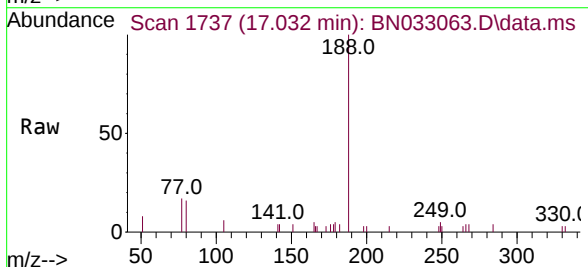
Manual Integrations
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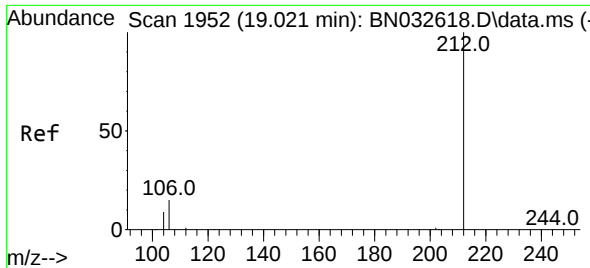
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/30/2024



#19
Phenanthrene-d10
Concen: 0.400 ng m
RT: 17.032 min Scan# 1737
Delta R.T. 0.075 min
Lab File: BN033063.D
Acq: 29 Jul 2024 10:51

Tgt Ion:188 Resp: 11397
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.8 8.8 13.2





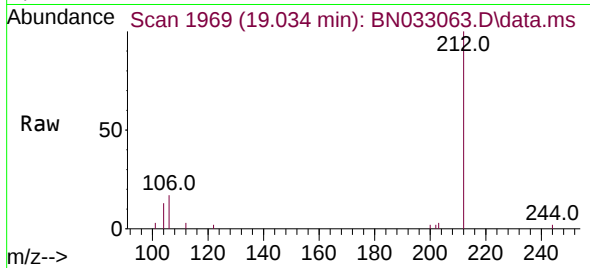
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Fluoranthene-d10
Concen: 0.391 ng m
RT: 19.034 min Scan# 1952
Delta R.T. 0.042 min
Lab File: BN033063.D
Acq: 29 Jul 2024 10:51

Instrument :

BNA_N

ClientSampleId :

PB162236BL



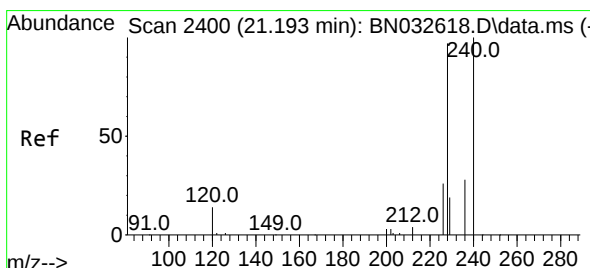
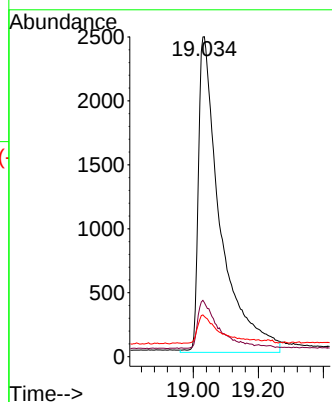
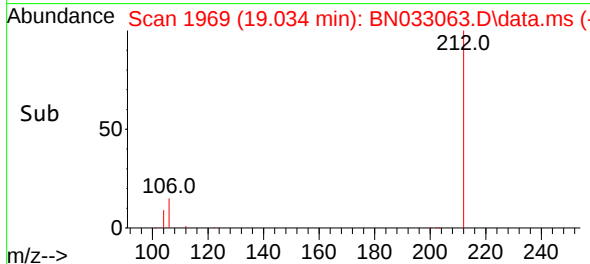
Tgt Ion:212 Resp: 1153
Ion Ratio Lower Upper
212 100
106 13.2 11.9 17.9
104 8.8 6.9 10.3

Manual Integrations

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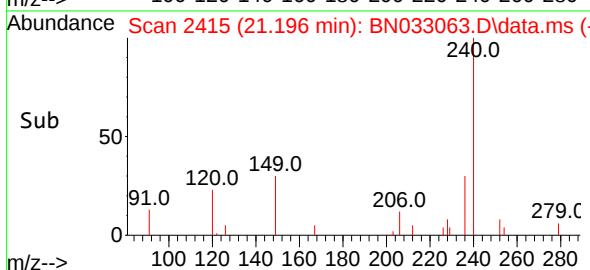
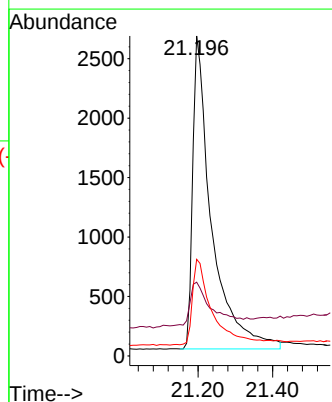
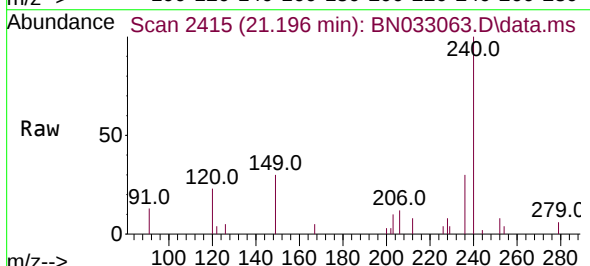
Reviewed By :Yogesh Patel 07/30/2024

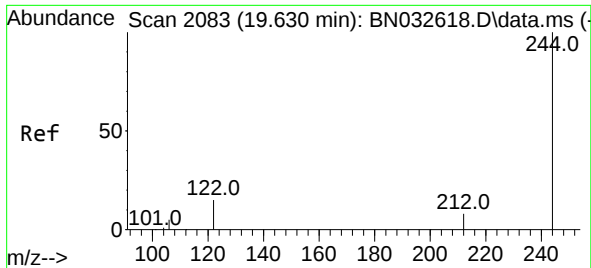
Supervised By :mohammad ahmed 07/30/2024



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.196 min Scan# 2415
Delta R.T. 0.036 min
Lab File: BN033063.D
Acq: 29 Jul 2024 10:51

Tgt Ion:240 Resp: 9263
Ion Ratio Lower Upper
240 100
120 23.0 14.8 22.2#
236 30.2 23.3 34.9





#31
 Terphenyl-d14
 Concen: 0.376 ng
 RT: 19.619 min Scan# 2083
 Delta R.T. 0.023 min
 Lab File: BN033063.D
 Acq: 29 Jul 2024 10:51

Instrument :

BNA_N

ClientSampleId :

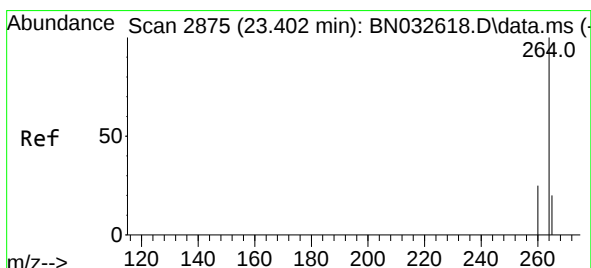
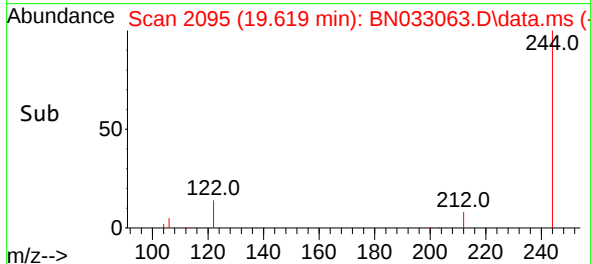
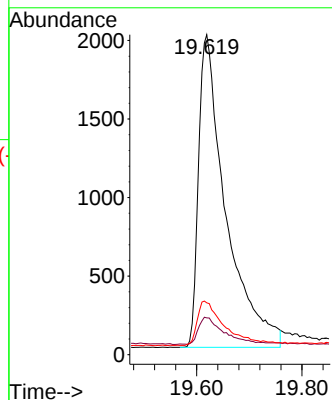
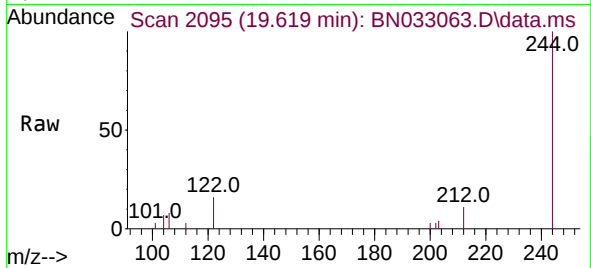
PB162236BL

Tgt Ion:244 Resp: 714
 Ion Ratio Lower Upper
 244 100
 212 11.5 7.5 11.3
 122 16.2 12.6 19.0

Manual Integrations

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Reviewed By :Yogesh Patel 07/30/2024
 Supervised By :mohammad ahmed 07/30/2024



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.382 min Scan# 2884
 Delta R.T. 0.029 min
 Lab File: BN033063.D
 Acq: 29 Jul 2024 10:51

Tgt Ion:264 Resp: 9302
 Ion Ratio Lower Upper
 264 100
 260 27.8 20.9 31.3
 265 136.3 85.4 128.2

