

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072724\
 Data File : BN033056.D
 Acq On : 28 Jul 2024 06:00
 Operator : MA/JU
 Sample : PB162236BL
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB162236BL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/29/2024
 Supervised By :mohammad ahmed 07/30/2024

Quant Time: Jul 29 01:12:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jul 21 23:33:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.589	152	2873m	0.400	ng	0.06
7) Naphthalene-d8	10.490	136	9361m	0.400	ng	0.19
13) Acenaphthene-d10	14.229	164	5708m	0.400	ng	0.05
19) Phenanthrene-d10	17.026	188	10377m	0.400	ng	0.07
29) Chrysene-d12	21.194	240	9562	0.400	ng	# 0.03
35) Perylene-d12	23.377	264	9511	0.400	ng	# 0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.228	112	2987m	0.411	ng	0.05
5) Phenol-d6	7.120	99	3670m	0.407	ng	0.34
8) Nitrobenzene-d5	9.059	82	2898m	0.411	ng	0.32
11) 2-Methylnaphthalene-d10	12.094	152	5012m	0.350	ng	0.18
14) 2,4,6-Tribromophenol	15.822	330	513m	0.210	ng	0.10
15) 2-Fluorobiphenyl	12.946	172	7434m	0.350	ng	0.14
27) Fluoranthene-d10	19.031	212	11518	0.429	ng	0.04
31) Terphenyl-d14	19.612	244	8508	0.434	ng	0.02

Target Compounds Qvalue

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

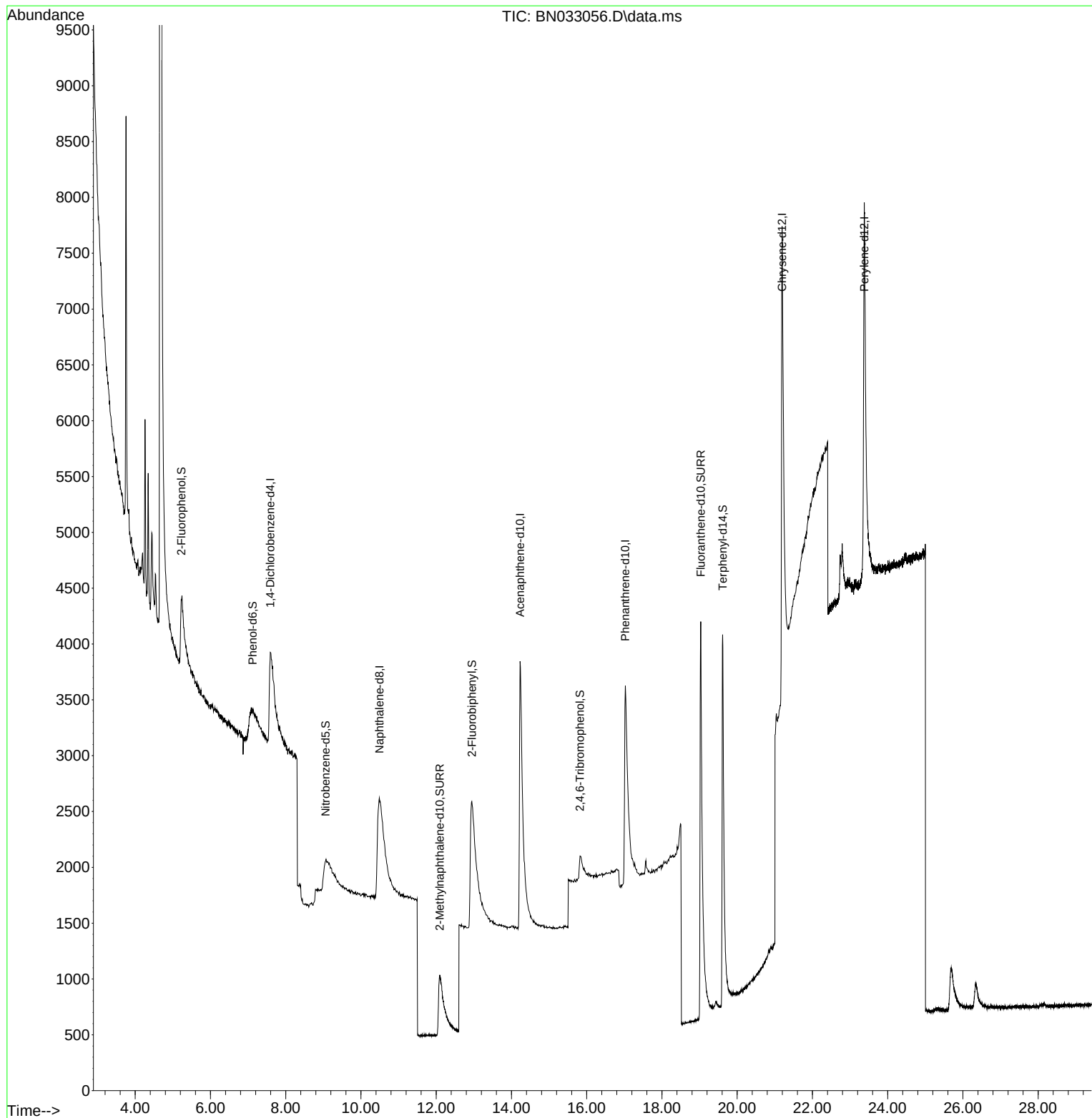
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072724\
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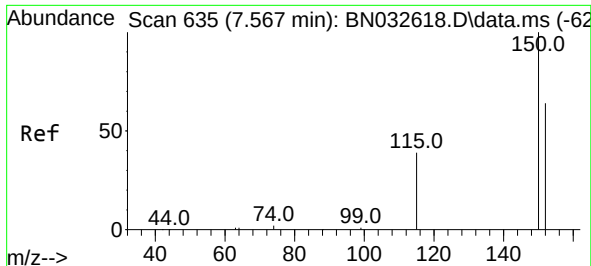
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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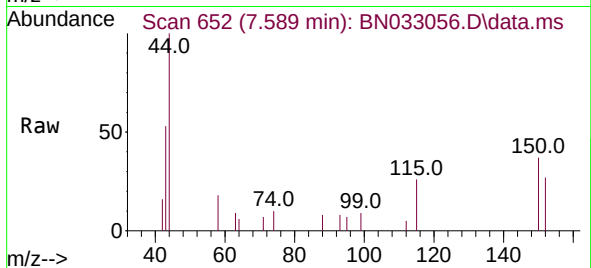
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng m
RT: 7.589 min Scan# 612
Delta R.T. 0.058 min
Lab File: BN033056.D
Acq: 28 Jul 2024 06:00

Instrument :

BNA_N

ClientSampleId :

PB162236BL

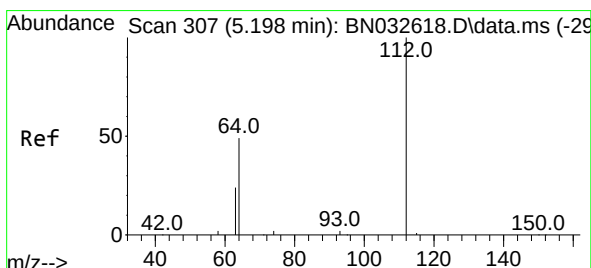
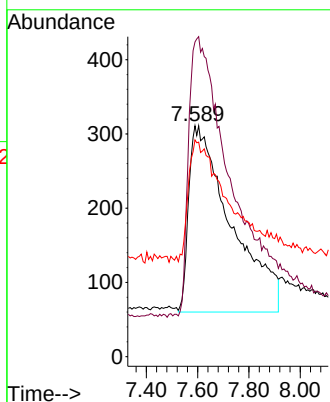
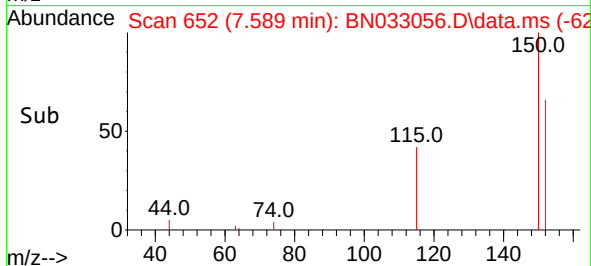


Tgt Ion:152 Resp: 287
Ion Ratio Lower Upper
152 100
150 136.3 123.8 185.6
115 93.9 52.8 79.2

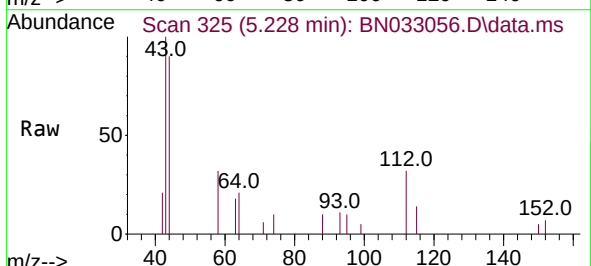
Manual Integrations

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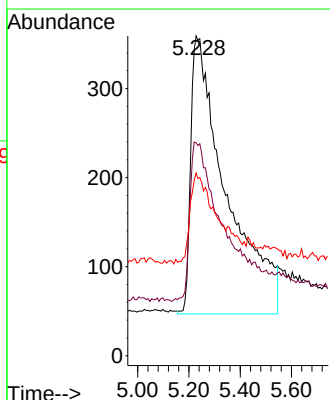
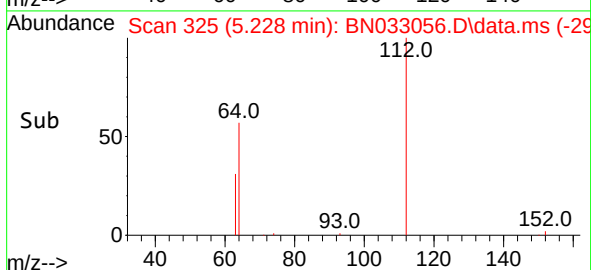
Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 07/30/2024

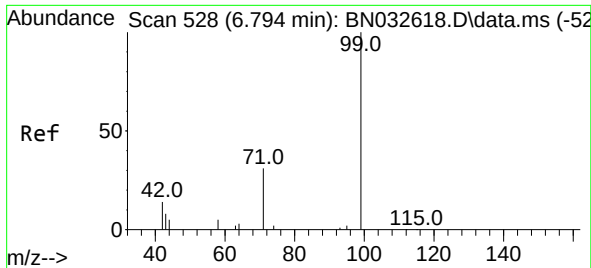


#4
2-Fluorophenol
Concen: 0.411 ng m
RT: 5.228 min Scan# 325
Delta R.T. 0.052 min
Lab File: BN033056.D
Acq: 28 Jul 2024 06:00



Tgt Ion:112 Resp: 2987
Ion Ratio Lower Upper
112 100
64 45.4 40.2 60.4
63 20.9 22.2 33.4





#5
Phenol-d6
Concen: 0.407 ng m
RT: 7.120 min Scan# 528
Delta R.T. 0.341 min
Lab File: BN033056.D
Acq: 28 Jul 2024 06:00

Instrument :

BNA_N

ClientSampleId :

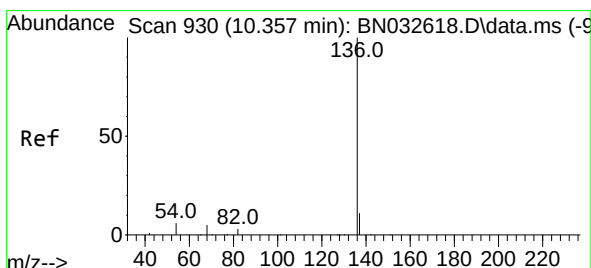
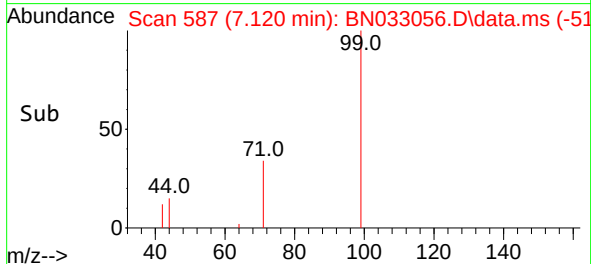
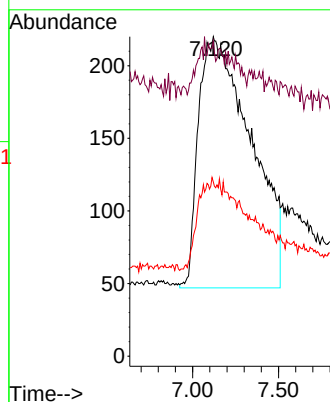
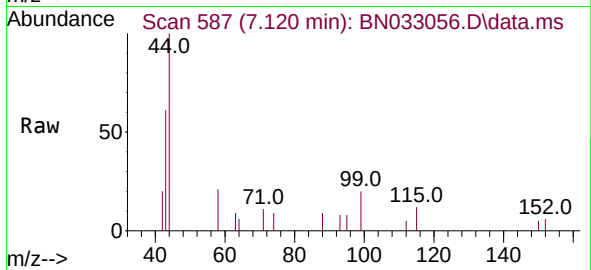
PB162236BL

Tgt Ion: 99 Resp: 3670
Ion Ratio Lower Upper
99 100
42 0.0 10.5 15.7#
71 0.0 22.3 33.5#

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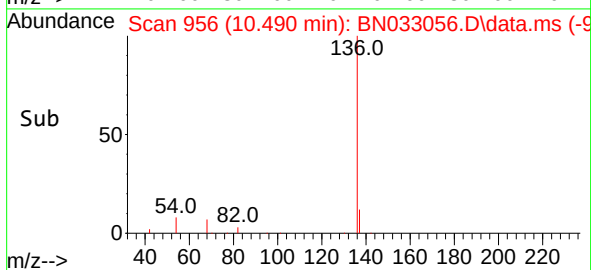
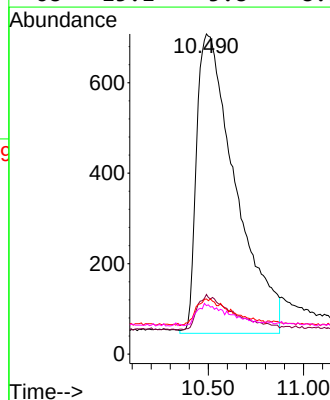
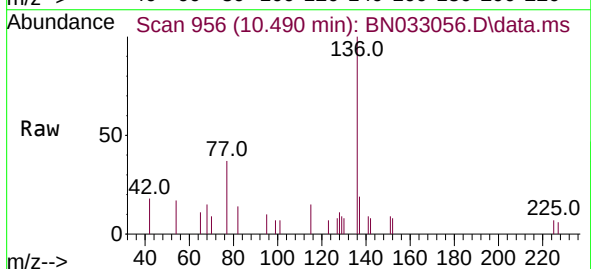
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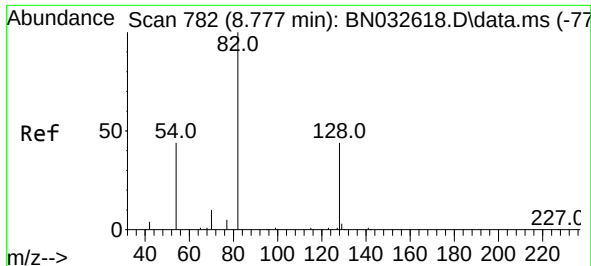
Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 07/30/2024



#7
Naphthalene-d8
Concen: 0.400 ng m
RT: 10.490 min Scan# 956
Delta R.T. 0.186 min
Lab File: BN033056.D
Acq: 28 Jul 2024 06:00

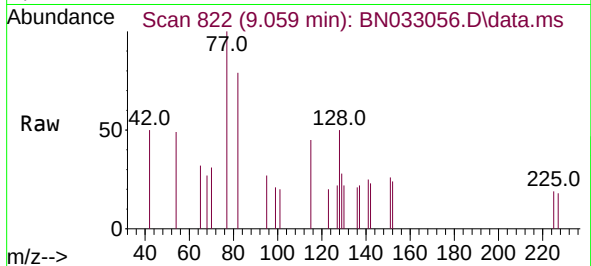
Tgt Ion:136 Resp: 9361
Ion Ratio Lower Upper
136 100
137 18.6 9.9 14.9#
54 17.2 6.5 9.7#
68 15.1 5.8 8.8#





#8
Nitrobenzene-d5
Concen: 0.411 ng m
RT: 9.059 min Scan# 81
Delta R.T. 0.325 min
Lab File: BN033056.D
Acq: 28 Jul 2024 06:00

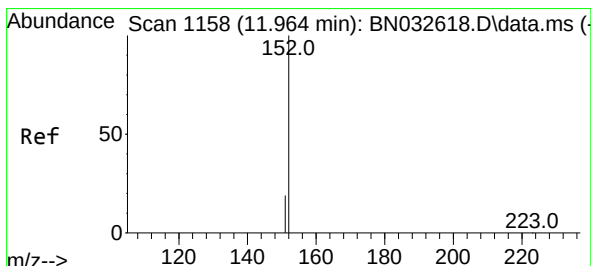
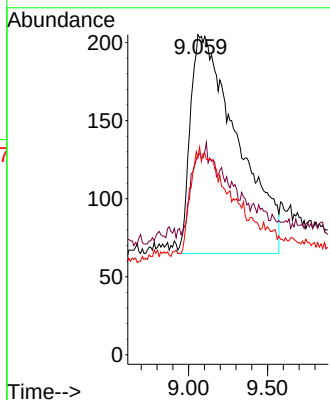
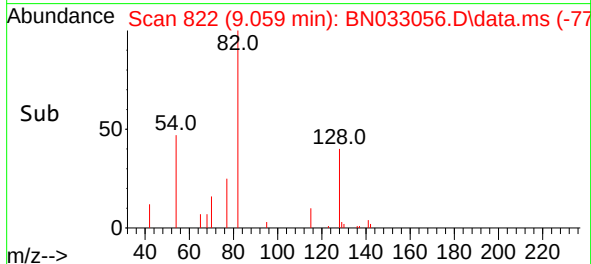
Instrument :
BNA_N
ClientSampleId :
PB162236BL



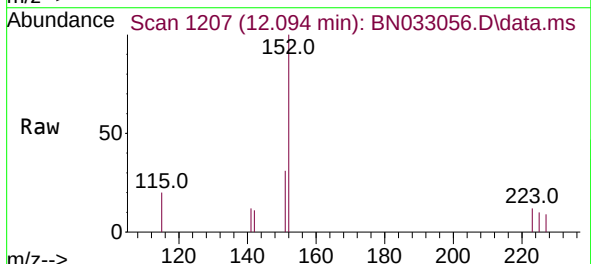
Tgt Ion: 82 Resp: 289
Ion Ratio Lower Upper
82 100
128 62.4 41.7 62.5
54 61.5 39.5 59.3

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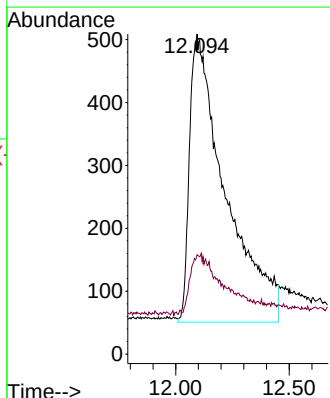
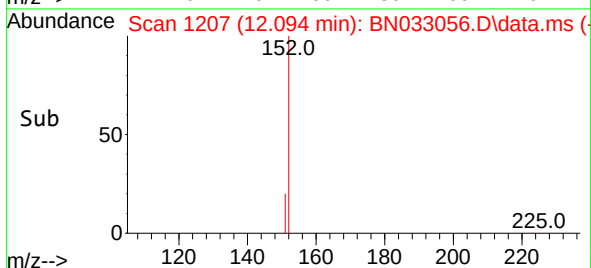
Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 07/30/2024

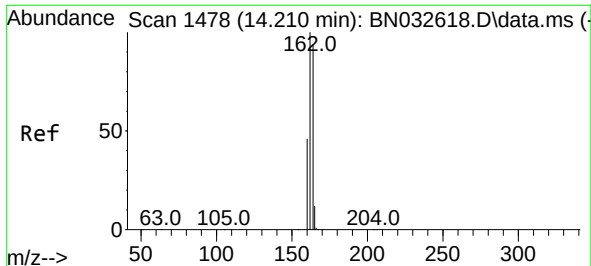


#11
2-Methylnaphthalene-d10
Concen: 0.350 ng m
RT: 12.094 min Scan# 1207
Delta R.T. 0.179 min
Lab File: BN033056.D
Acq: 28 Jul 2024 06:00



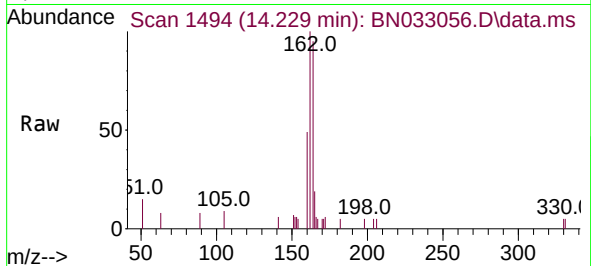
Tgt Ion:152 Resp: 5012
Ion Ratio Lower Upper
152 100
151 5.2 16.2 24.2#





#13
Acenaphthene-d10
Concen: 0.400 ng m
RT: 14.229 min Scan# 1478
Delta R.T. 0.051 min
Lab File: BN033056.D
Acq: 28 Jul 2024 06:00

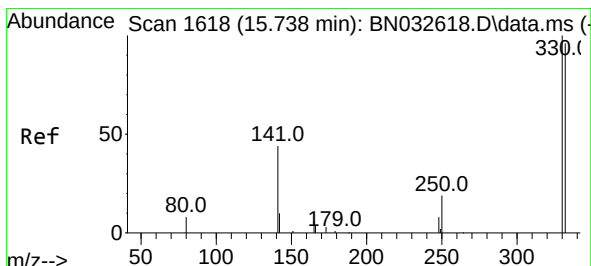
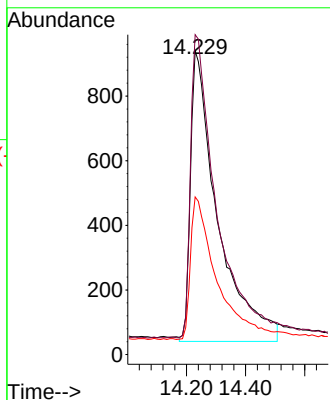
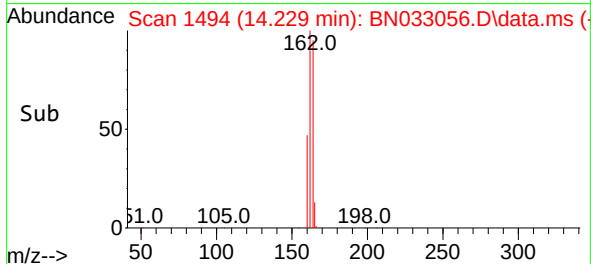
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BNA_N
ClientSampleId :
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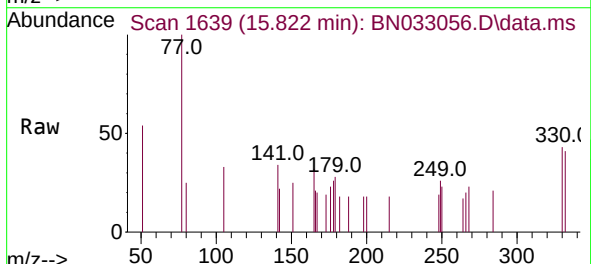
Tgt Ion:164 Resp: 5708
Ion Ratio Lower Upper
164 100
162 105.3 85.0 127.4
160 51.9 39.4 59.2

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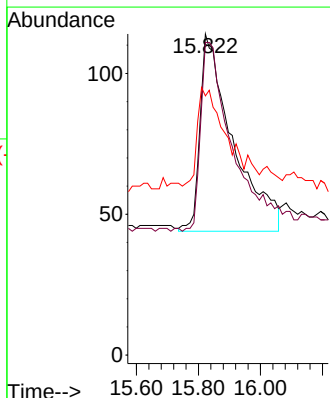
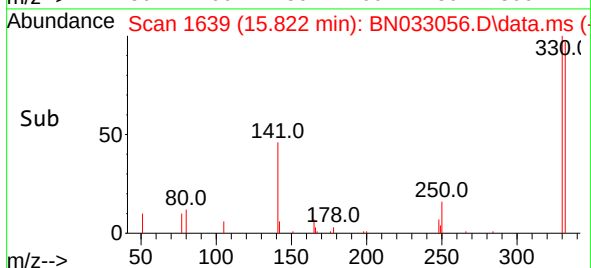
Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 07/30/2024

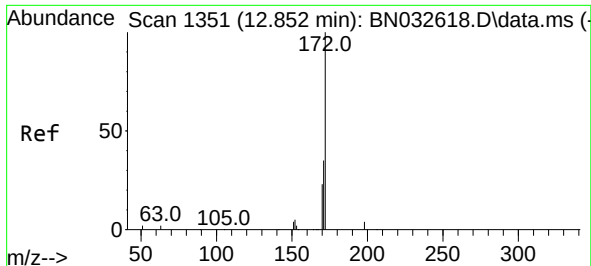


#14
2,4,6-Tribromophenol
Concen: 0.210 ng m
RT: 15.822 min Scan# 1639
Delta R.T. 0.097 min
Lab File: BN033056.D
Acq: 28 Jul 2024 06:00



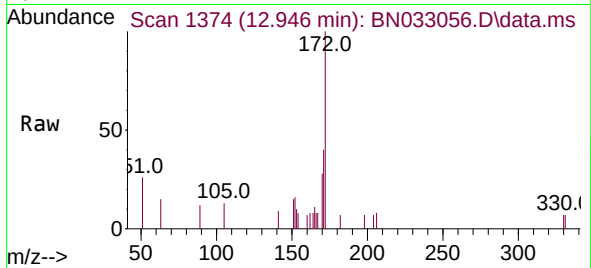
Tgt Ion:330 Resp: 513
Ion Ratio Lower Upper
330 100
332 53.2 77.8 116.8#
141 29.8 34.2 51.2#





#15
2-Fluorobiphenyl
Concen: 0.350 ng m
RT: 12.946 min Scan# 11
Delta R.T. 0.137 min
Lab File: BN033056.D
Acq: 28 Jul 2024 06:00

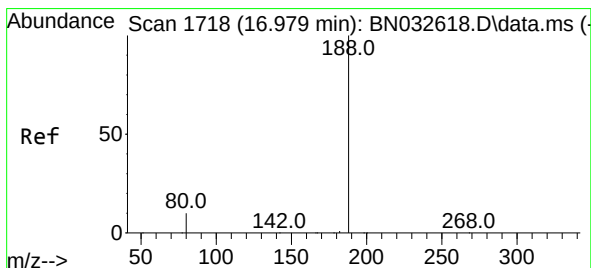
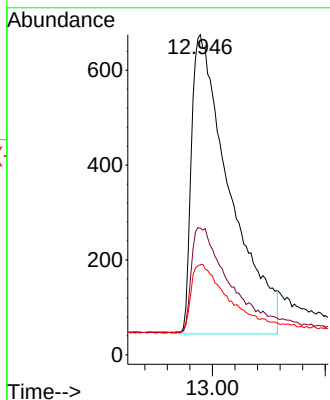
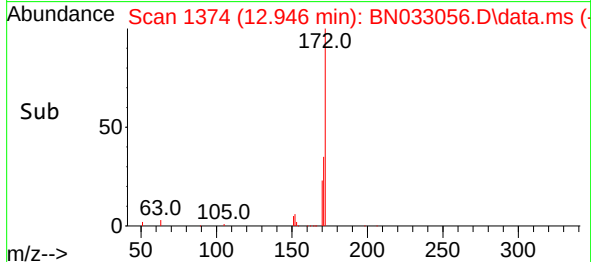
Instrument :
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ClientSampleId :
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Tgt Ion:172 Resp: 7434
Ion Ratio Lower Upper
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171 39.6 28.6 43.0
170 28.1 19.0 28.6

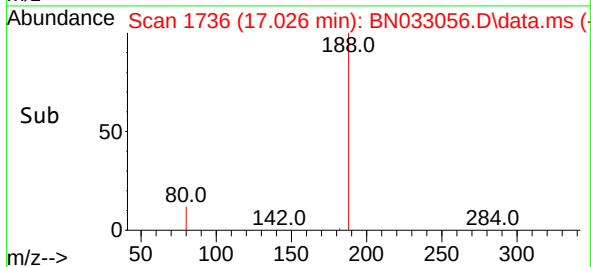
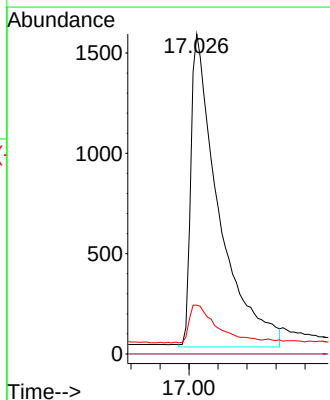
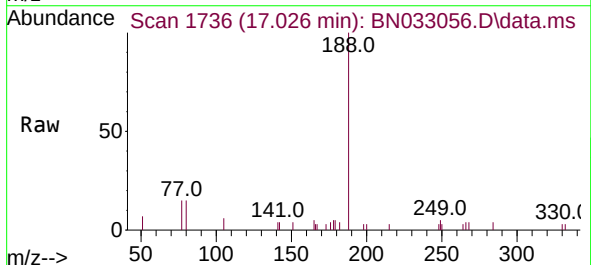
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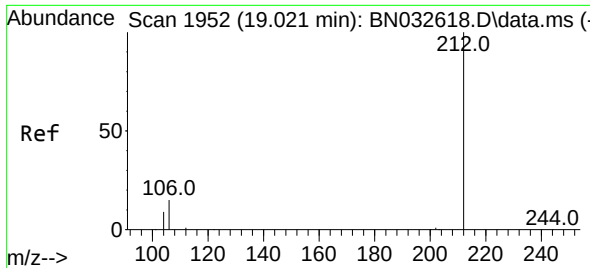
Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 07/30/2024



#19
Phenanthrene-d10
Concen: 0.400 ng m
RT: 17.026 min Scan# 1736
Delta R.T. 0.072 min
Lab File: BN033056.D
Acq: 28 Jul 2024 06:00

Tgt Ion:188 Resp: 10377
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.2 8.8 13.2#





#27
Fluoranthene-d10
Concen: 0.429 ng
RT: 19.031 min Scan# 1952
Delta R.T. 0.038 min
Lab File: BN033056.D
Acq: 28 Jul 2024 06:00

Instrument :

BNA_N

ClientSampleId :

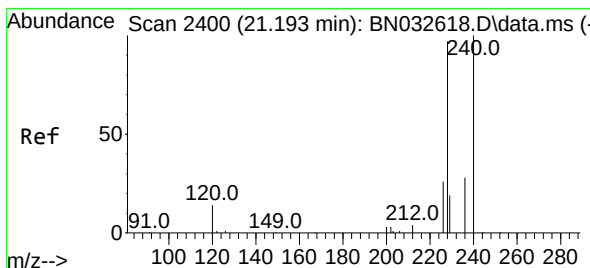
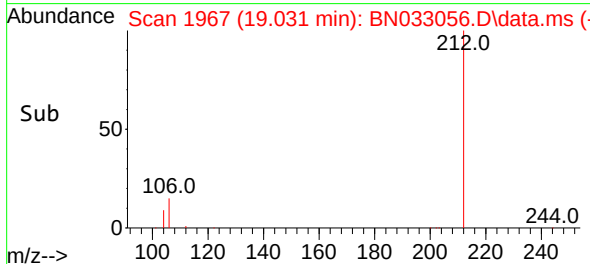
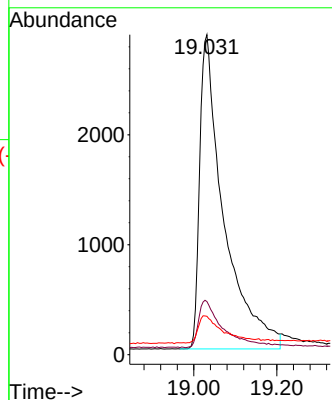
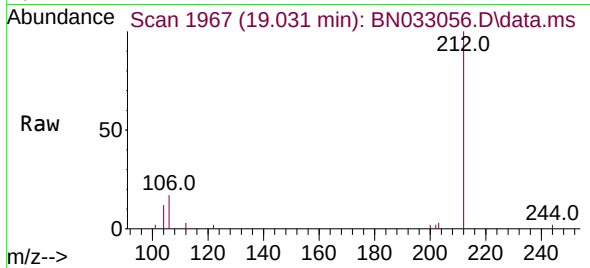
PB162236BL

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Ion Ratio Lower Upper
212 100
106 15.3 11.9 17.9
104 8.9 6.9 10.3

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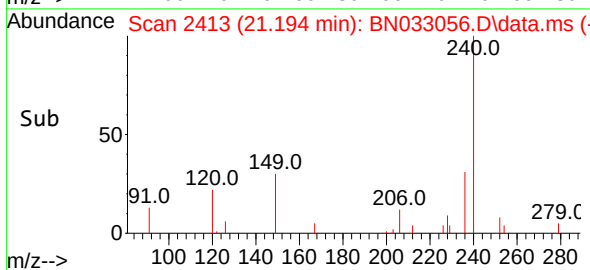
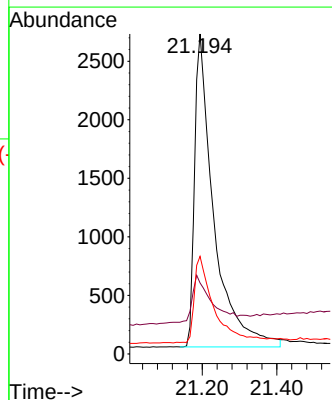
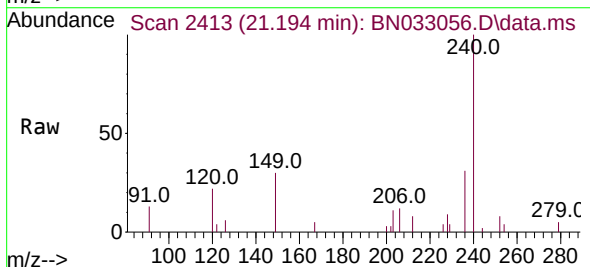
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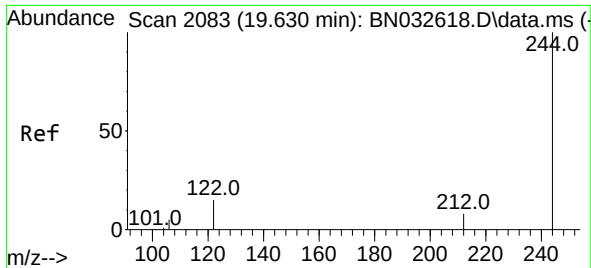
Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 07/30/2024



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.194 min Scan# 2413
Delta R.T. 0.028 min
Lab File: BN033056.D
Acq: 28 Jul 2024 06:00

Tgt Ion:240 Resp: 9562
Ion Ratio Lower Upper
240 100
120 22.2 14.8 22.2#
236 30.5 23.3 34.9





#31
 Terphenyl-d14
 Concen: 0.434 ng
 RT: 19.612 min Scan# 2083
 Delta R.T. 0.019 min
 Lab File: BN033056.D
 Acq: 28 Jul 2024 06:00

Instrument :

BNA_N

ClientSampleId :

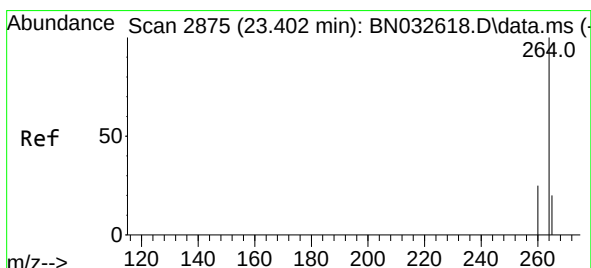
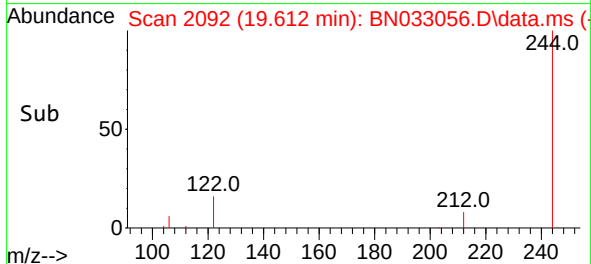
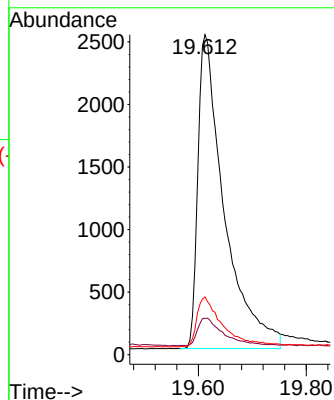
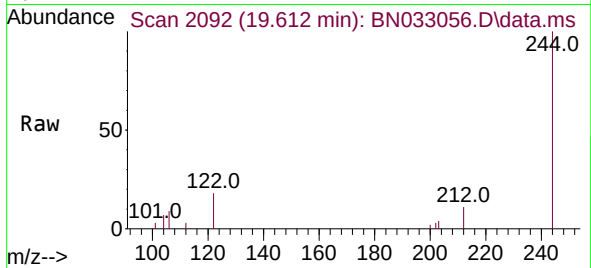
PB162236BL

Tgt Ion:244 Resp: 8508
 Ion Ratio Lower Upper
 244 100
 212 11.4 7.5 11.3
 122 18.0 12.6 19.0

Manual Integrations

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 Supervised By :mohammad ahmed 07/30/2024



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.377 min Scan# 2879
 Delta R.T. 0.018 min
 Lab File: BN033056.D
 Acq: 28 Jul 2024 06:00

Tgt Ion:264 Resp: 9511
 Ion Ratio Lower Upper
 264 100
 260 26.9 20.9 31.3
 265 138.2 85.4 128.2#

