

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112724\
 Data File : BN035359.D
 Acq On : 27 Nov 2024 21:32
 Operator : RC/JU
 Sample : PB165266BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB165266BL

Manual Integrations
 APPROVED

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

Quant Time: Nov 28 00:30:17 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	1548	0.400	ng	0.00
7) Naphthalene-d8	10.063	136	3639	0.400	ng	0.01
13) Acenaphthene-d10	13.967	164	2682	0.400	ng	0.00
19) Phenanthrene-d10	16.736	188	6957	0.400	ng	# 0.00
29) Chrysene-d12	20.974	240	6781	0.400	ng	0.00
35) Perylene-d12	23.067	264	7565	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.968	112	1258	0.325	ng	0.00
5) Phenol-d6	6.513	99	1316	0.282	ng	0.00
8) Nitrobenzene-d5	8.450	82	891m	0.401	ng	0.01
11) 2-Methylnaphthalene-d10	11.661	152	2353	0.413	ng	0.00
14) 2,4,6-Tribromophenol	15.485	330	314	0.165	ng	0.01
15) 2-Fluorobiphenyl	12.579	172	4042	0.399	ng	0.00
27) Fluoranthene-d10	18.785	212	8600	0.436	ng	0.00
31) Terphenyl-d14	19.412	244	6459	0.483	ng	0.00

Target Compounds Qvalue

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

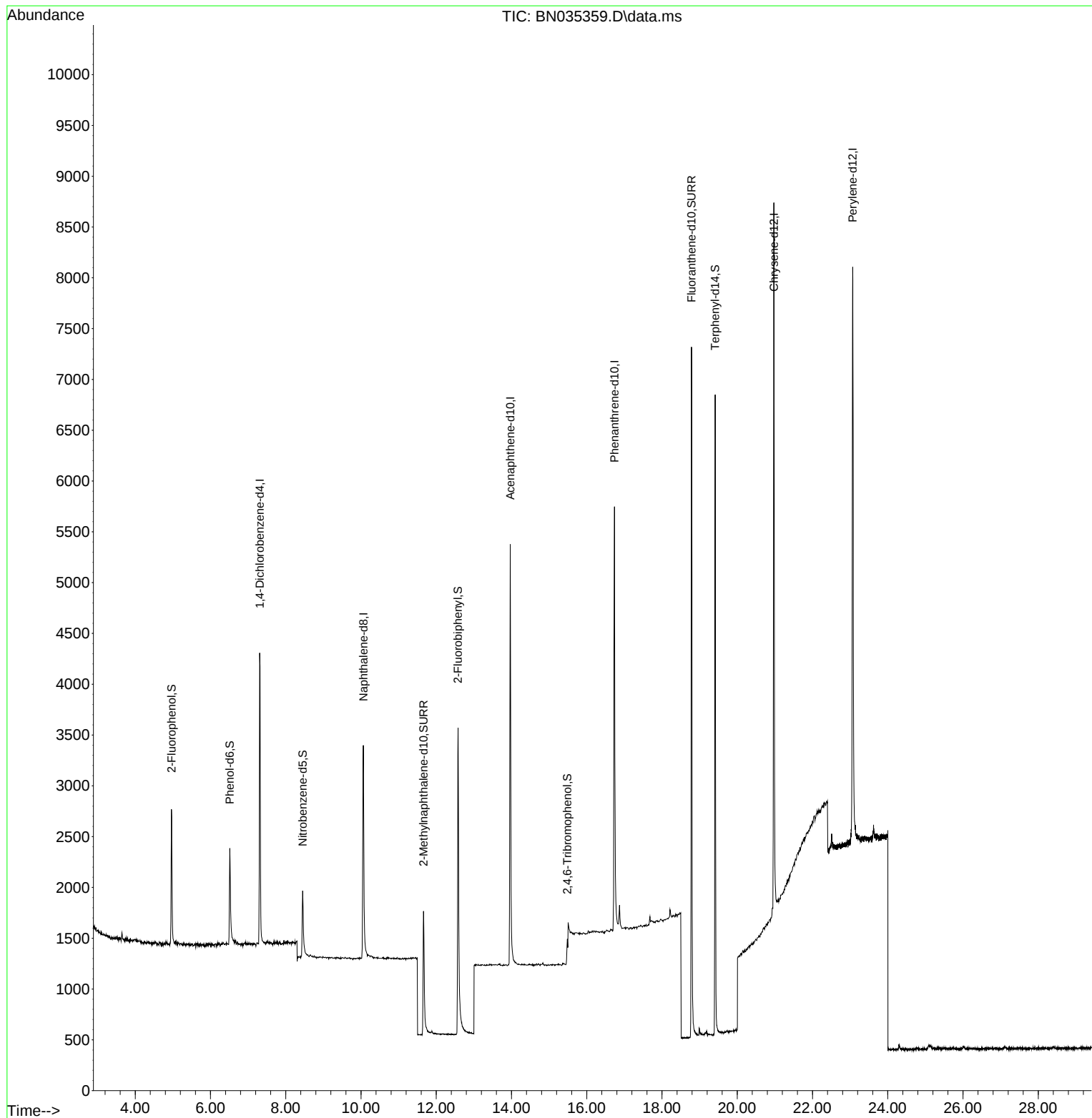
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112724\
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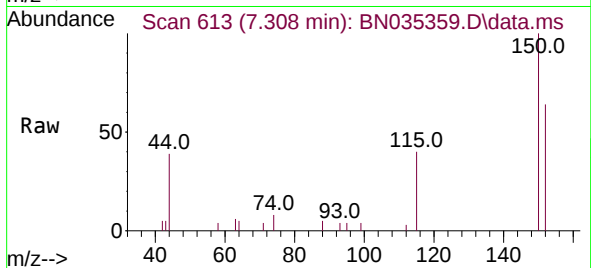
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.308 min Scan# 613
Delta R.T. -0.000 min
Lab File: BN035359.D
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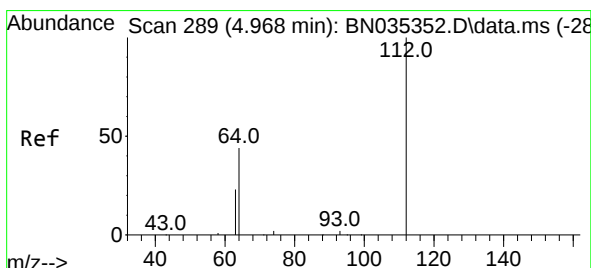
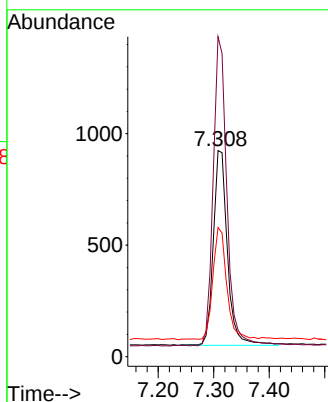
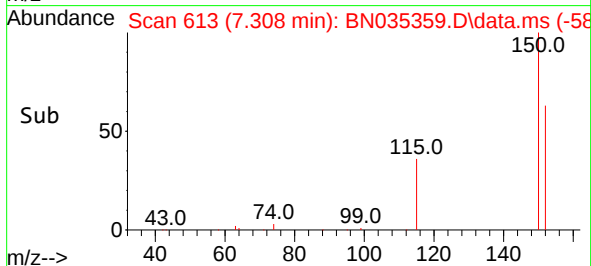
Tgt Ion:152 Resp: 1548
Ion Ratio Lower Upper
152 100
150 155.3 124.0 186.0
115 62.7 49.6 74.4

Manual Integrations

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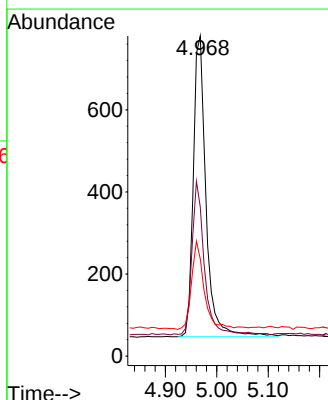
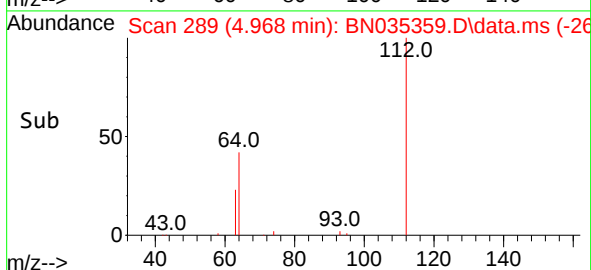
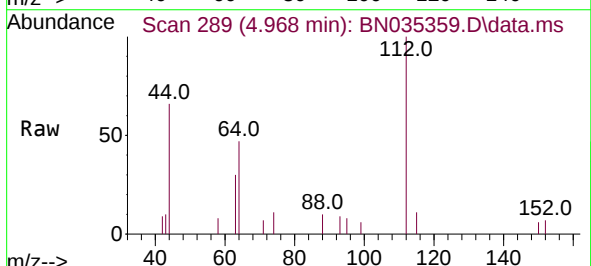
Reviewed By :Yogesh Patel 11/29/2024

Supervised By :mohammad ahmed 12/03/2024



#4
2-Fluorophenol
Concen: 0.325 ng
RT: 4.968 min Scan# 289
Delta R.T. -0.000 min
Lab File: BN035359.D
Acq: 27 Nov 2024 21:32

Tgt Ion:112 Resp: 1258
Ion Ratio Lower Upper
112 100
64 48.9 39.8 59.8
63 28.9 21.0 31.6





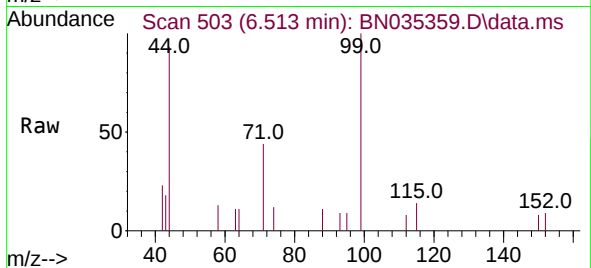
#5
Phenol-d6
Concen: 0.282 ng
RT: 6.513 min Scan# 503
Delta R.T. -0.000 min
Lab File: BN035359.D
Acq: 27 Nov 2024 21:32

Instrument :

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PB165266BL



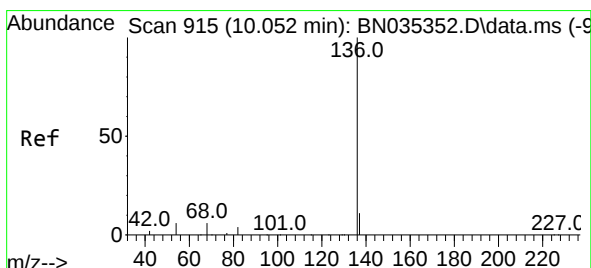
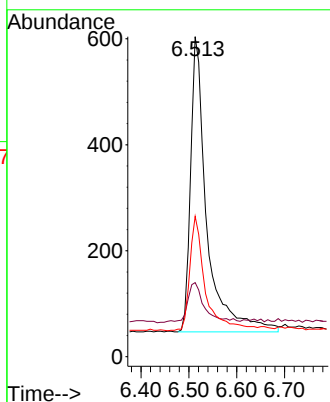
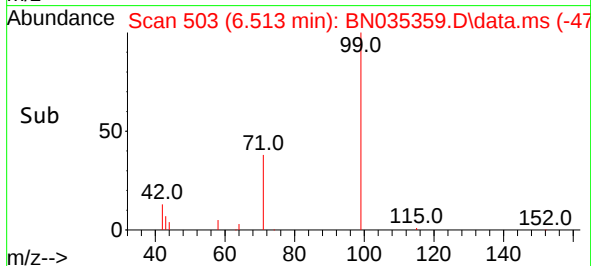
Tgt Ion: 99 Resp: 1310
Ion Ratio Lower Upper
99 100
42 14.5 11.4 17.2
71 37.2 29.3 43.9

Manual Integrations

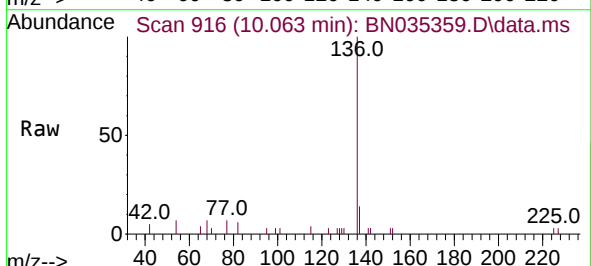
APPROVED

Reviewed By :Yogesh Patel 11/29/2024

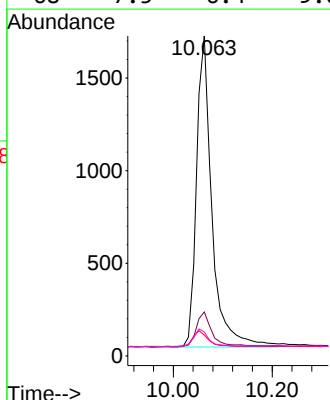
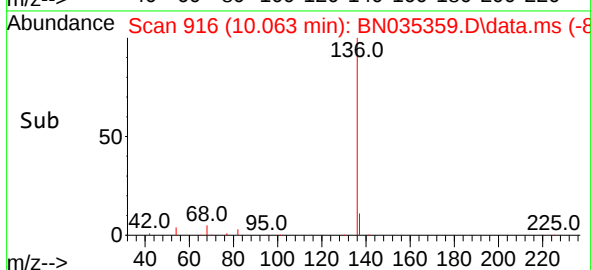
Supervised By :mohammad ahmed 12/03/2024



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.063 min Scan# 916
Delta R.T. 0.011 min
Lab File: BN035359.D
Acq: 27 Nov 2024 21:32



Tgt Ion:136 Resp: 3639
Ion Ratio Lower Upper
136 100
137 13.7 10.2 15.2
54 6.5 6.1 9.1
68 7.5 6.4 9.6





#8
Nitrobenzene-d5
Concen: 0.401 ng m
RT: 8.450 min Scan# 765
Delta R.T. 0.011 min
Lab File: BN035359.D
Acq: 27 Nov 2024 21:32

Instrument :

BNA_N

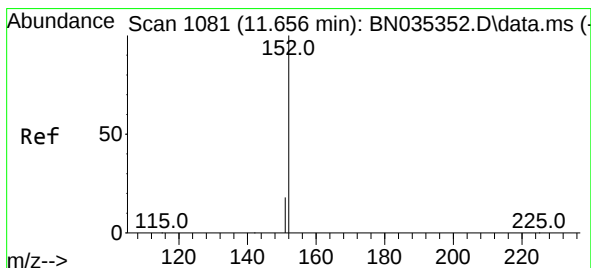
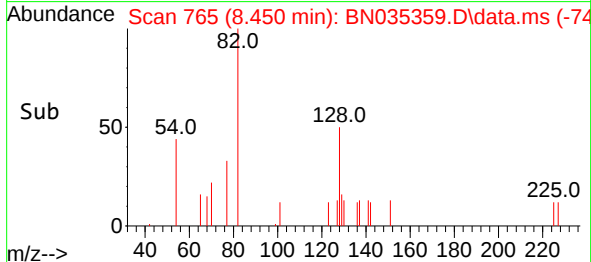
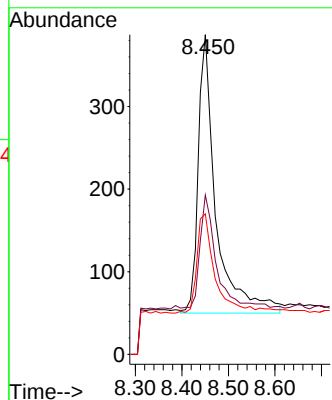
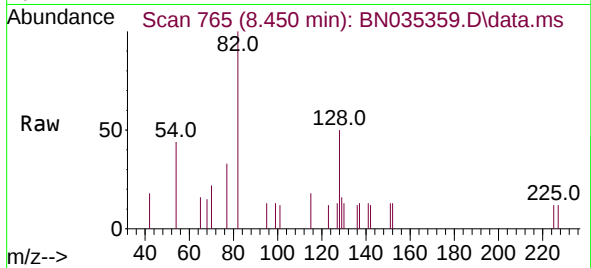
ClientSampleId :

PB165266BL

Tgt Ion: 82 Resp: 89
Ion Ratio Lower Upper
82 100
128 49.9 33.4 50.0
54 43.9 36.7 55.1

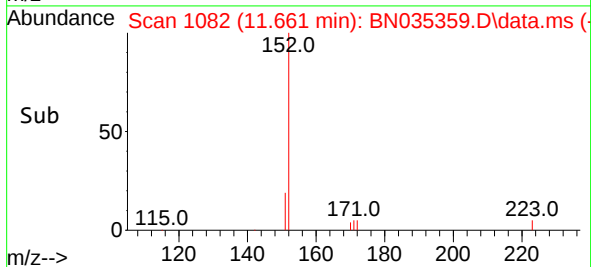
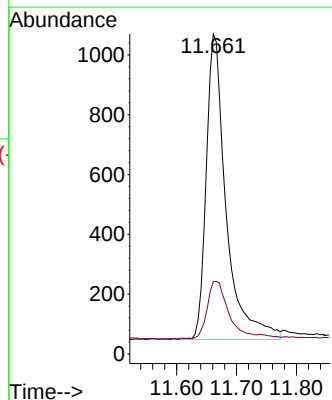
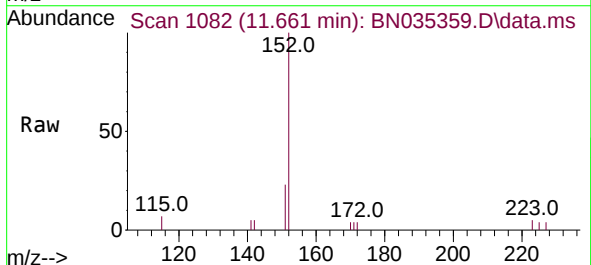
Manual Integrations
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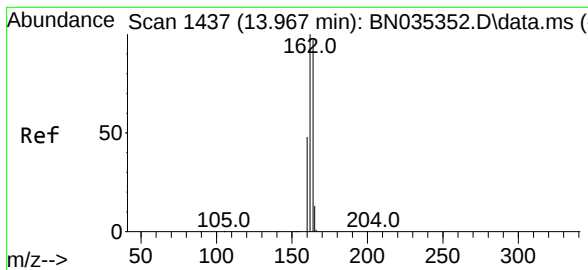
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 12/03/2024



#11
2-Methylnaphthalene-d10
Concen: 0.413 ng
RT: 11.661 min Scan# 1082
Delta R.T. 0.005 min
Lab File: BN035359.D
Acq: 27 Nov 2024 21:32

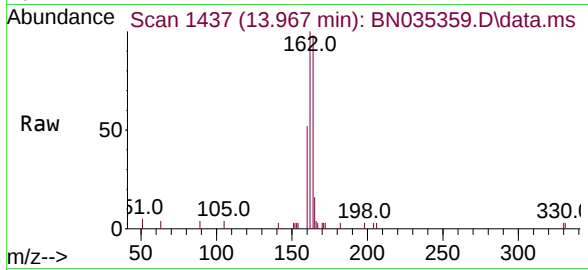
Tgt Ion:152 Resp: 2353
Ion Ratio Lower Upper
152 100
151 20.7 16.6 25.0





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.967 min Scan# 1437
Delta R.T. -0.000 min
Lab File: BN035359.D
Acq: 27 Nov 2024 21:32

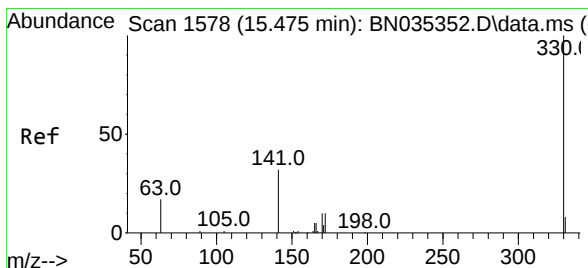
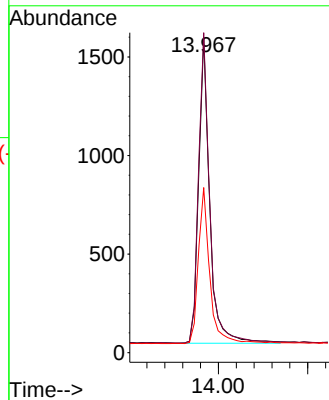
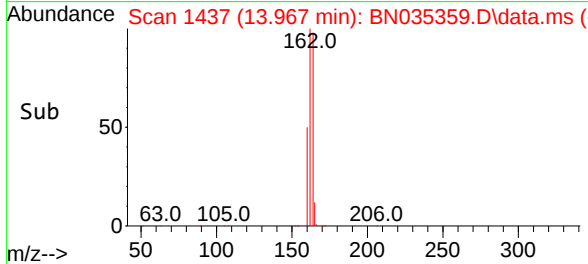
Instrument :
BNA_N
ClientSampleId :
PB165266BL



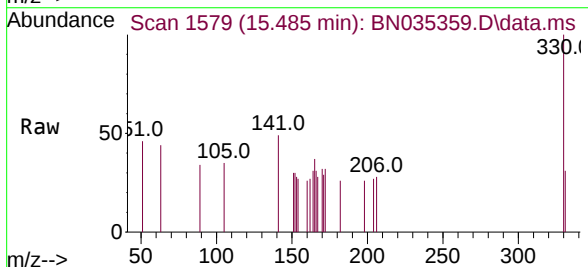
Tgt Ion:164 Resp: 268
Ion Ratio Lower Upper
164 100
162 101.6 82.2 123.2
160 52.4 40.1 60.1

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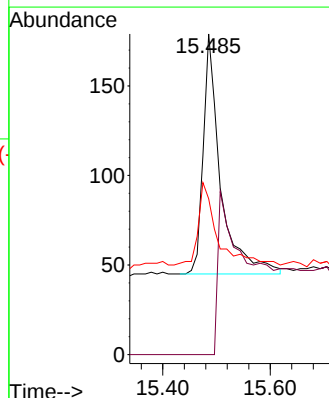
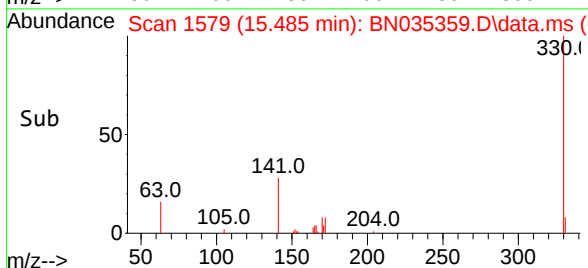
Reviewed By :Yogesh Patel 11/29/2024
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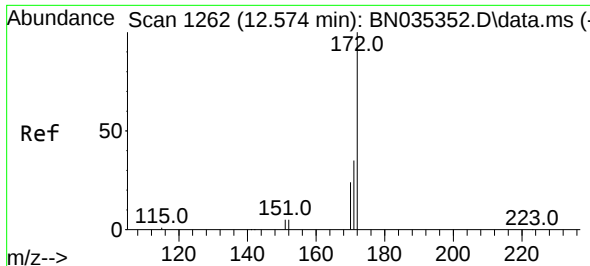


#14
2,4,6-Tribromophenol
Concen: 0.165 ng
RT: 15.485 min Scan# 1579
Delta R.T. 0.011 min
Lab File: BN035359.D
Acq: 27 Nov 2024 21:32



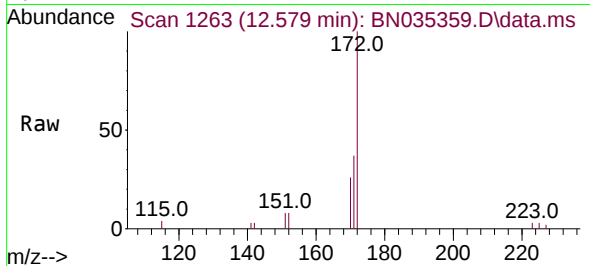
Tgt Ion:330 Resp: 314
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 38.9 26.6 40.0





#15
2-Fluorobiphenyl
Concen: 0.399 ng
RT: 12.579 min Scan# 11
Delta R.T. 0.005 min
Lab File: BN035359.D
Acq: 27 Nov 2024 21:32

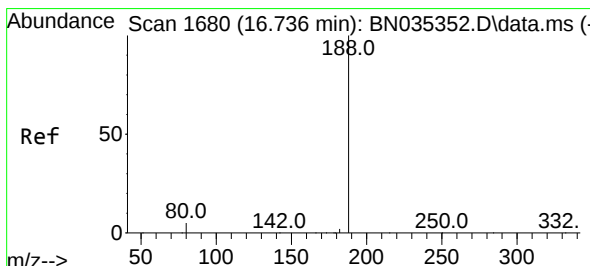
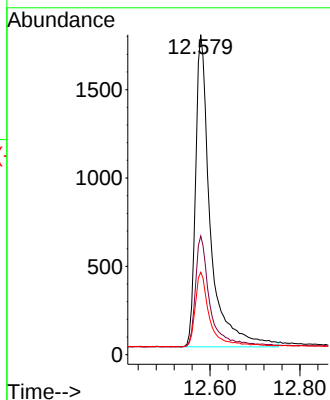
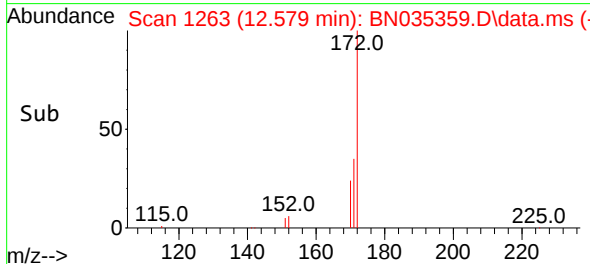
Instrument :
BNA_N
ClientSampleId :
PB165266BL



Tgt Ion:172 Resp: 404
Ion Ratio Lower Upper
172 100
171 37.1 29.0 43.4
170 25.8 19.8 29.8

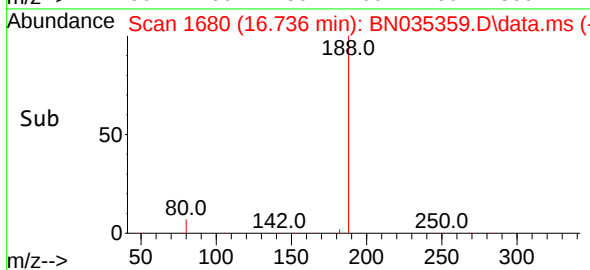
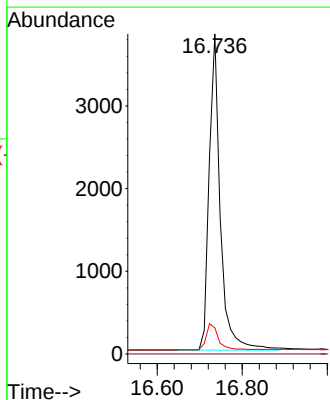
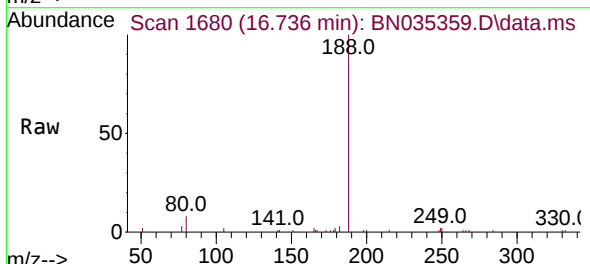
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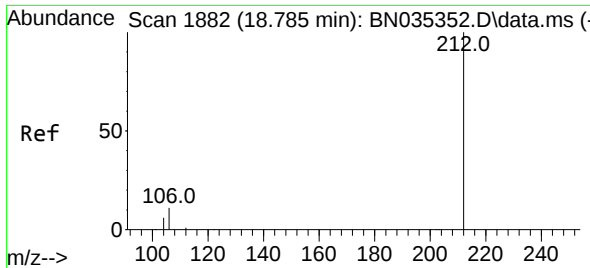
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 12/03/2024



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.736 min Scan# 1680
Delta R.T. 0.000 min
Lab File: BN035359.D
Acq: 27 Nov 2024 21:32

Tgt Ion:188 Resp: 6957
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.1 4.6 6.8





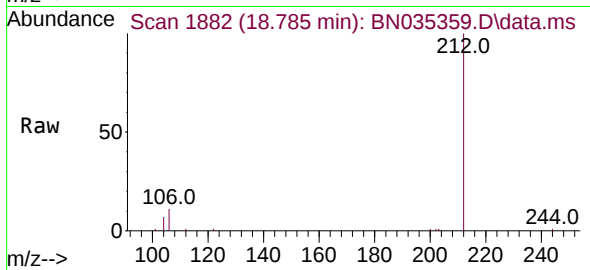
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Fluoranthene-d10
Concen: 0.436 ng
RT: 18.785 min Scan# 1882
Delta R.T. -0.000 min
Lab File: BN035359.D
Acq: 27 Nov 2024 21:32

Instrument :

BNA_N

ClientSampleId :

PB165266BL

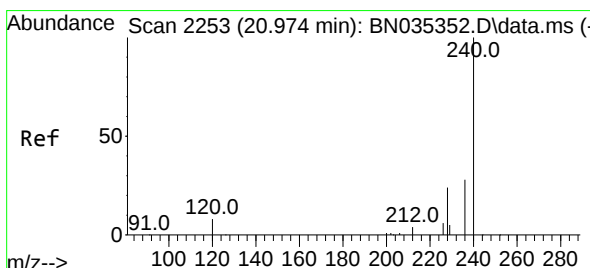
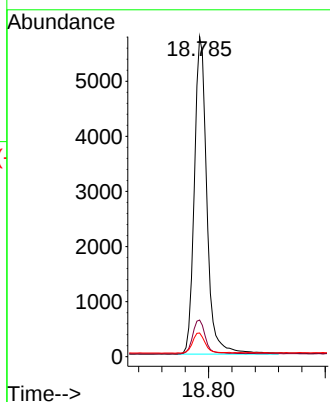
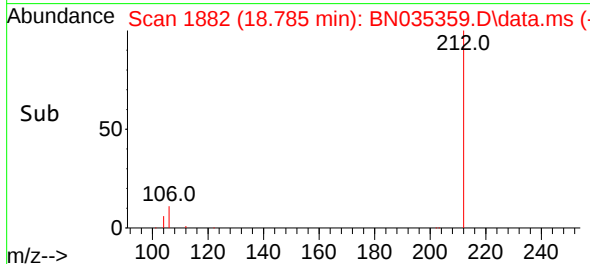


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Ion Ratio Lower Upper
212 100
106 10.8 9.2 13.8
104 6.4 5.3 7.9

Manual Integrations

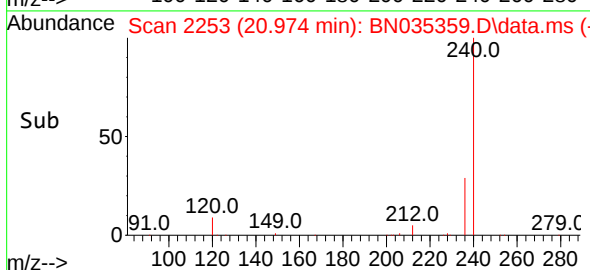
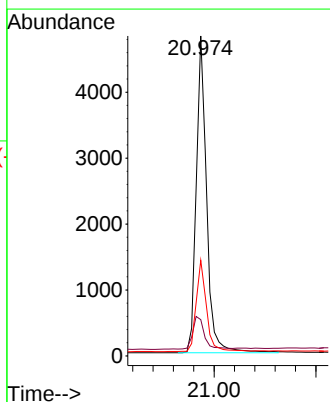
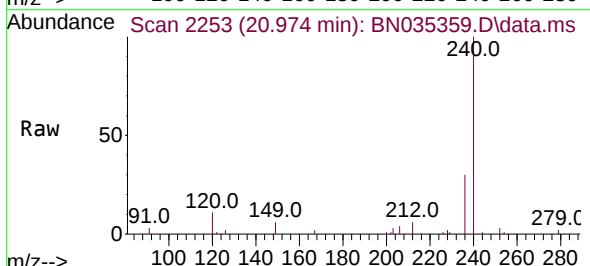
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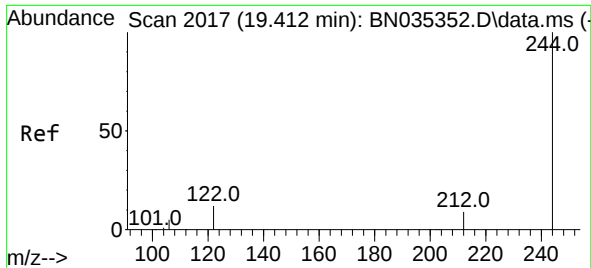
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 12/03/2024



#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.974 min Scan# 2253
Delta R.T. -0.000 min
Lab File: BN035359.D
Acq: 27 Nov 2024 21:32

Tgt Ion:240 Resp: 6781
Ion Ratio Lower Upper
240 100
120 11.3 7.9 11.9
236 29.9 22.9 34.3





#31
 Terphenyl-d14
 Concen: 0.483 ng
 RT: 19.412 min Scan# 2017
 Delta R.T. -0.000 min
 Lab File: BN035359.D
 Acq: 27 Nov 2024 21:32

Instrument :

BNA_N

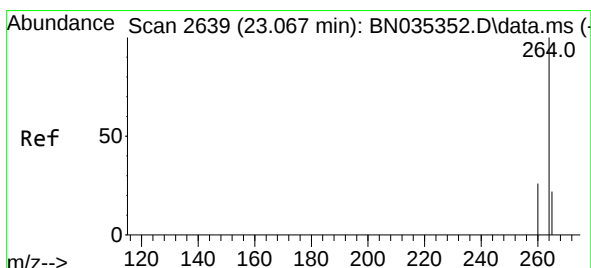
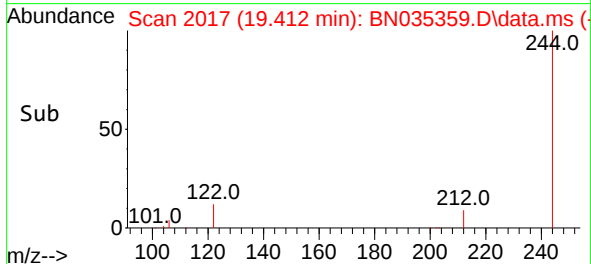
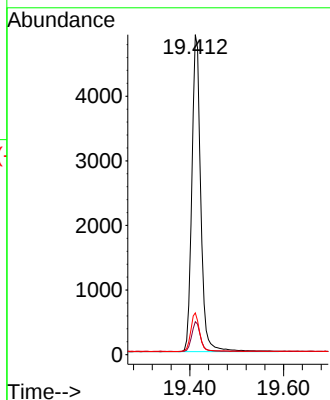
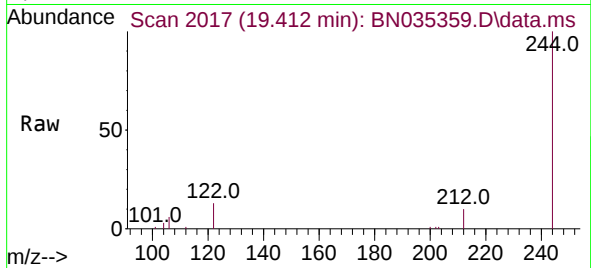
ClientSampleId :

PB165266BL

Tgt Ion:244 Resp: 6459
 Ion Ratio Lower Upper
 244 100
 212 10.3 8.1 12.1
 122 13.1 10.3 15.5

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



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.067 min Scan# 2639
 Delta R.T. -0.000 min
 Lab File: BN035359.D
 Acq: 27 Nov 2024 21:32

Tgt Ion:264 Resp: 7565
 Ion Ratio Lower Upper
 264 100
 260 27.6 21.4 32.2
 265 59.9 40.2 60.4

