

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120924\
 Data File : BN035518.D
 Acq On : 09 Dec 2024 21:55
 Operator : RC/JU
 Sample : P5166-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP201-20241206

Quant Time: Dec 10 01:28:21 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

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.301	152	1759	0.400	ng	0.00
7) Naphthalene-d8	10.041	136	4808	0.400	ng	-0.01
13) Acenaphthene-d10	13.957	164	3560	0.400	ng	-0.01
19) Phenanthrene-d10	16.723	188	8364	0.400	ng	#-0.01
29) Chrysene-d12	20.965	240	7094	0.400	ng	0.00
35) Perylene-d12	23.059	264	6747	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.953	112	550	0.125	ng	-0.01
5) Phenol-d6	6.506	99	364	0.069	ng	0.00
8) Nitrobenzene-d5	8.429	82	1151m	0.392	ng	-0.01
11) 2-Methylnaphthalene-d10	11.646	152	2817	0.374	ng	-0.01
14) 2,4,6-Tribromophenol	15.475	330	645	0.255	ng	0.00
15) 2-Fluorobiphenyl	12.564	172	4894	0.364	ng	-0.01
27) Fluoranthene-d10	18.775	212	10435	0.440	ng	0.00
31) Terphenyl-d14	19.403	244	9233	0.660	ng	0.00
Target Compounds						Qvalue
33) Chrysene	21.001	228	547	0.021	ng	# 84
34) Bis(2-ethylhexyl)phtha...	20.920	149	676	0.069	ng	# 96
37) Benzo(b)fluoranthene	22.448	252	603	0.024	ng	# 10
38) Benzo(k)fluoranthene	22.489	252	532	0.022	ng	# 6

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

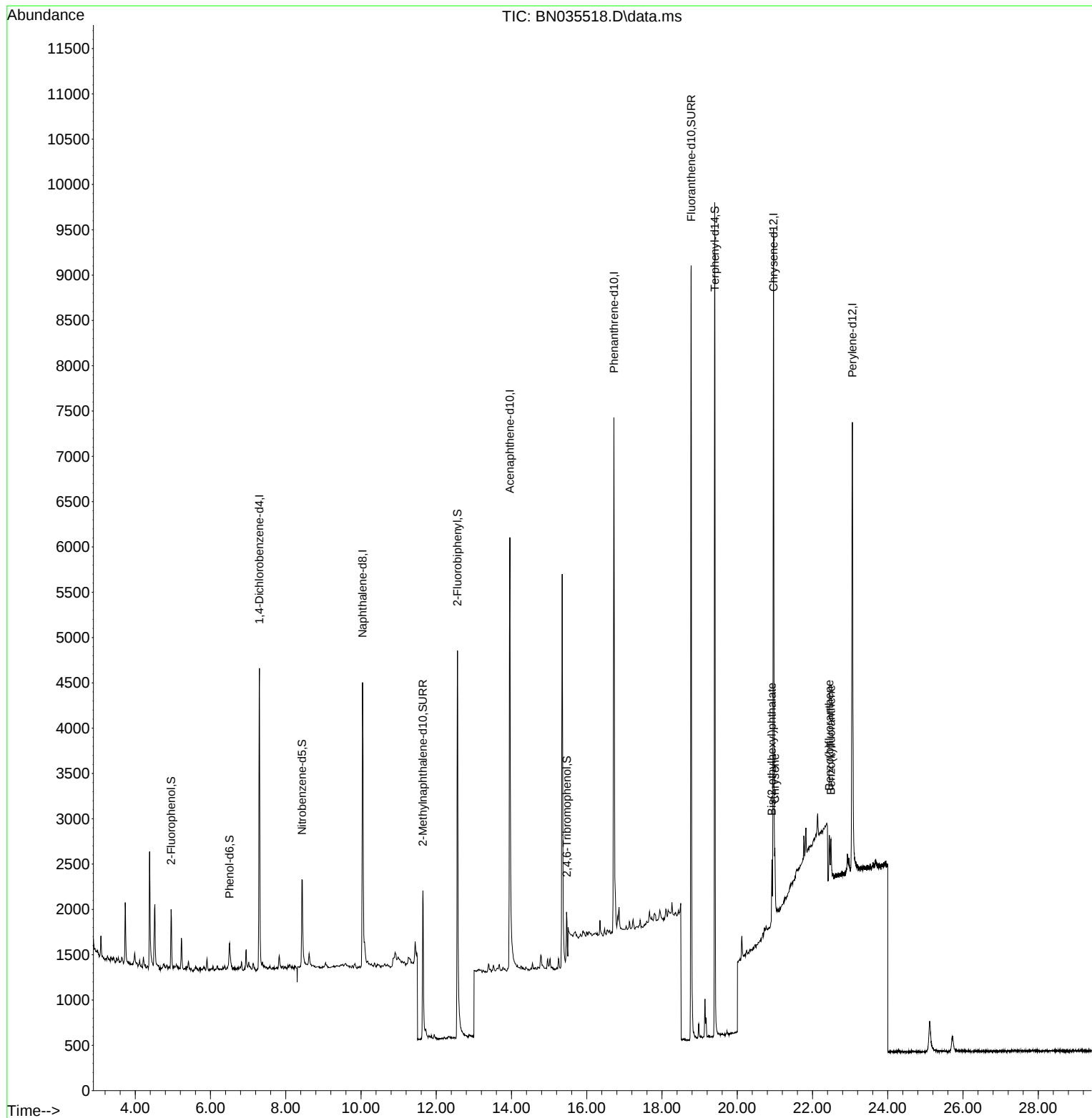
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120924\
Data File : BN035518.D
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ALS Vial : 18 Sample Multiplier: 1

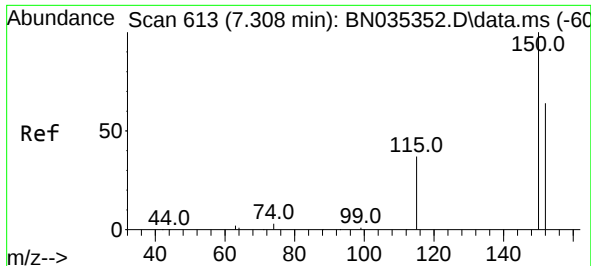
Instrument :
BNA_N
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RW5-SP201-20241206

Quant Time: Dec 10 01:28:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
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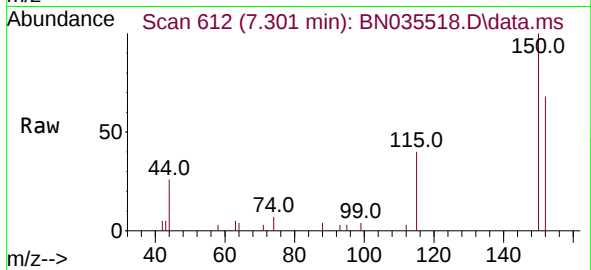
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/11/2024





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.301 min Scan# 613
Delta R.T. -0.007 min
Lab File: BN035518.D
Acq: 09 Dec 2024 21:55

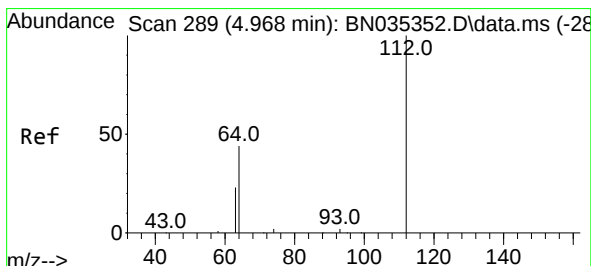
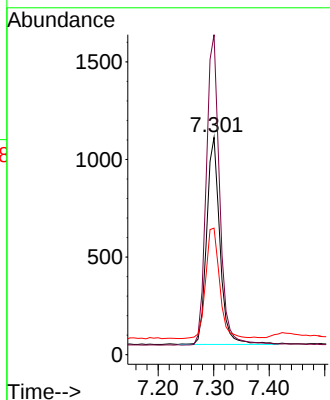
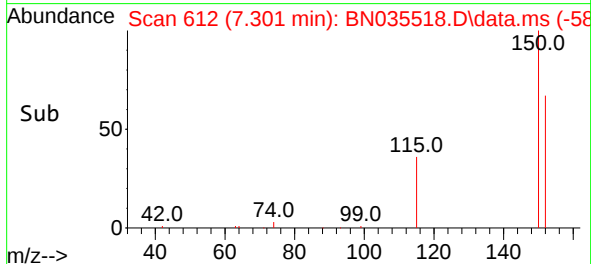
Instrument :
BNA_N
ClientSampleId :
RW5-SP201-20241206



Tgt Ion:152 Resp: 1759
Ion Ratio Lower Upper
152 100
150 147.3 124.0 186.0
115 58.2 49.6 74.4

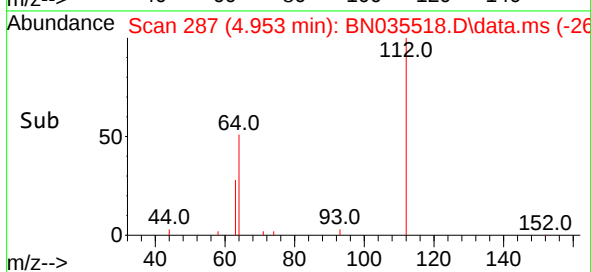
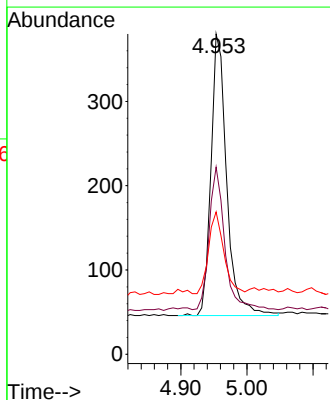
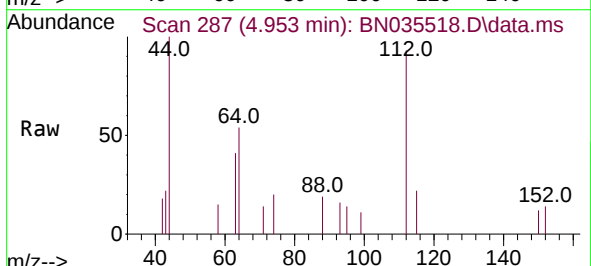
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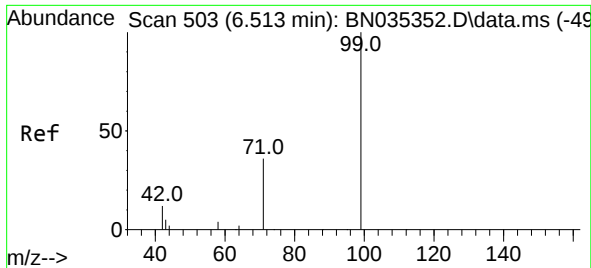
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Supervised By :mohammad ahmed 12/11/2024



#4
2-Fluorophenol
Concen: 0.125 ng
RT: 4.953 min Scan# 287
Delta R.T. -0.014 min
Lab File: BN035518.D
Acq: 09 Dec 2024 21:55

Tgt Ion:112 Resp: 550
Ion Ratio Lower Upper
112 100
64 50.7 39.8 59.8
63 29.3 21.0 31.6





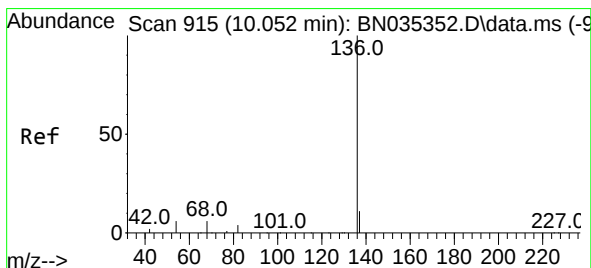
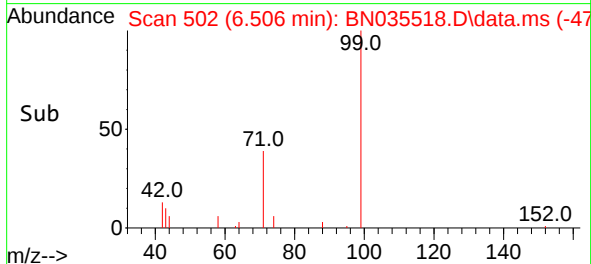
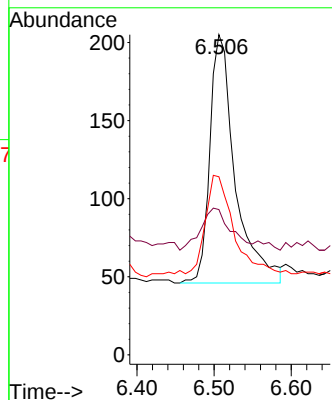
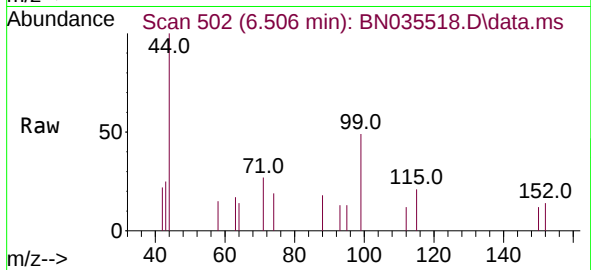
#5
Phenol-d6
Concen: 0.069 ng
RT: 6.506 min Scan# 503
Delta R.T. -0.007 min
Lab File: BN035518.D
Acq: 09 Dec 2024 21:55

Instrument :
BNA_N
ClientSampleId :
RW5-SP201-20241206

Tgt Ion: 99 Resp: 364
Ion Ratio Lower Upper
99 100
42 19.8 11.4 17.2
71 49.7 29.3 43.9

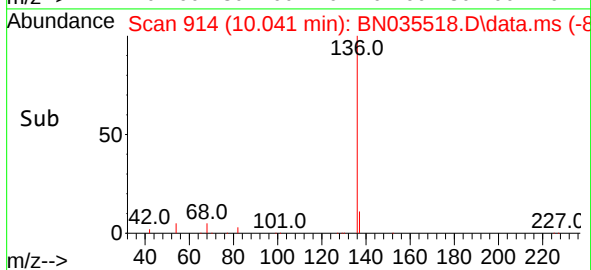
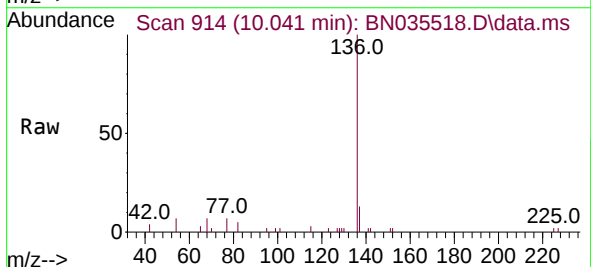
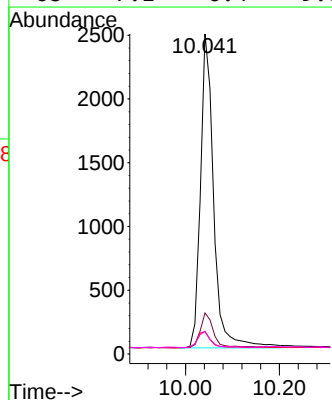
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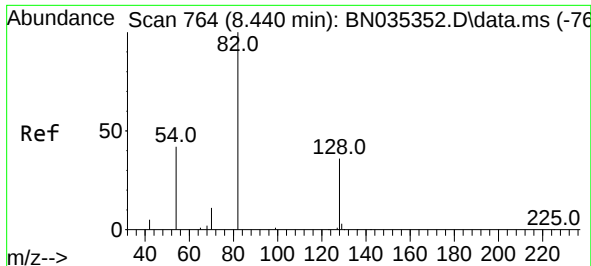
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/11/2024



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.041 min Scan# 914
Delta R.T. -0.011 min
Lab File: BN035518.D
Acq: 09 Dec 2024 21:55

Tgt Ion:136 Resp: 4808
Ion Ratio Lower Upper
136 100
137 12.8 10.2 15.2
54 7.0 6.1 9.1
68 7.1 6.4 9.6





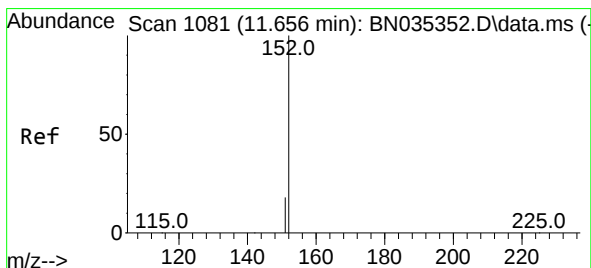
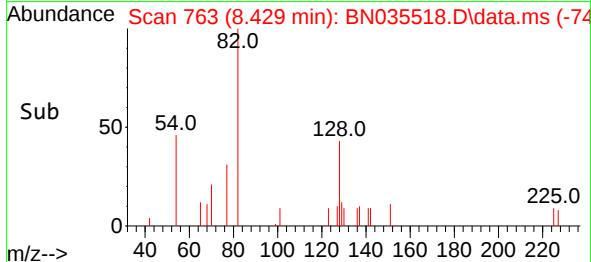
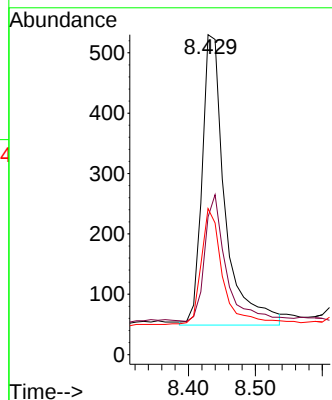
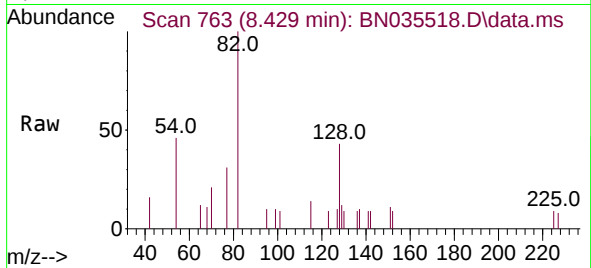
#8
Nitrobenzene-d5
Concen: 0.392 ng m
RT: 8.429 min Scan# 70
Delta R.T. -0.011 min
Lab File: BN035518.D
Acq: 09 Dec 2024 21:55

Instrument :
BNA_N
ClientSampleId :
RW5-SP201-20241206

Tgt Ion: 82 Resp: 115
Ion Ratio Lower Upper
82 100
128 43.0 33.4 50.0
54 45.7 36.7 55.1

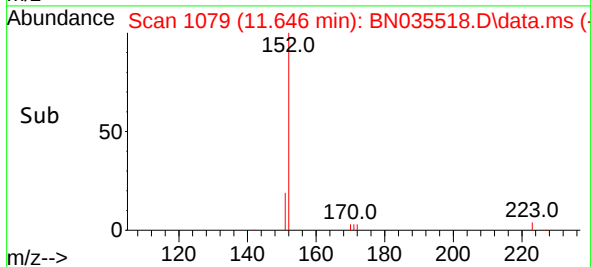
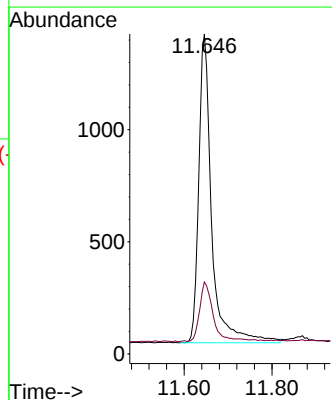
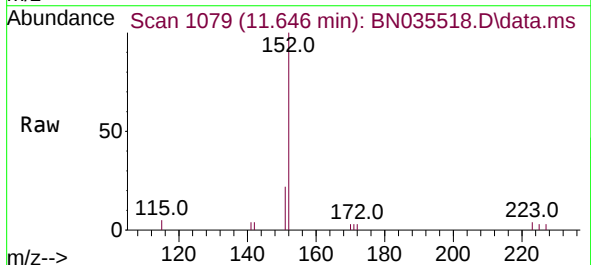
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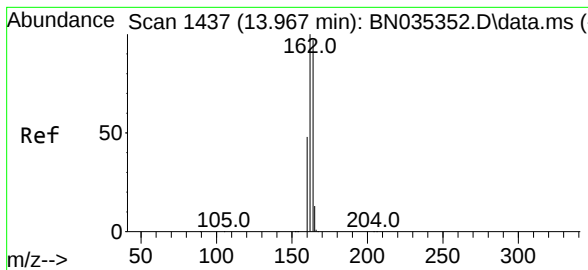
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/11/2024



#11
2-Methylnaphthalene-d10
Concen: 0.374 ng
RT: 11.646 min Scan# 1079
Delta R.T. -0.010 min
Lab File: BN035518.D
Acq: 09 Dec 2024 21:55

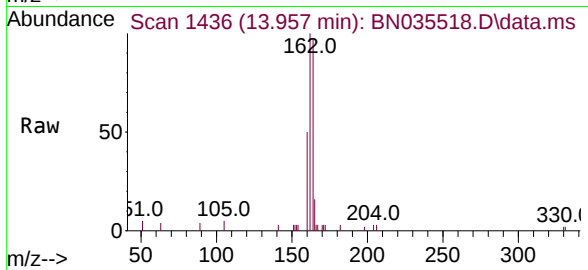
Tgt Ion:152 Resp: 2817
Ion Ratio Lower Upper
152 100
151 19.9 16.6 25.0





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.957 min Scan# 1436
Delta R.T. -0.011 min
Lab File: BN035518.D
Acq: 09 Dec 2024 21:55

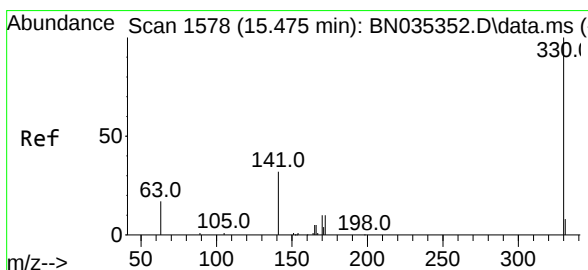
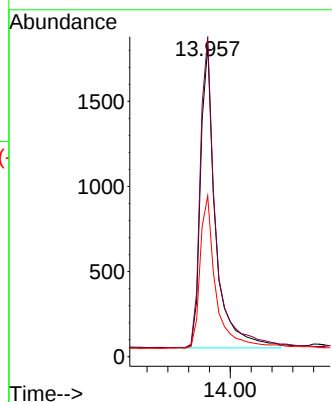
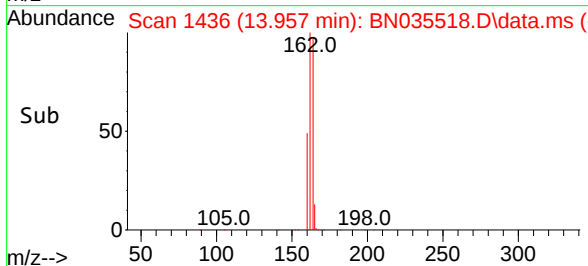
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ClientSampleId :
RW5-SP201-20241206



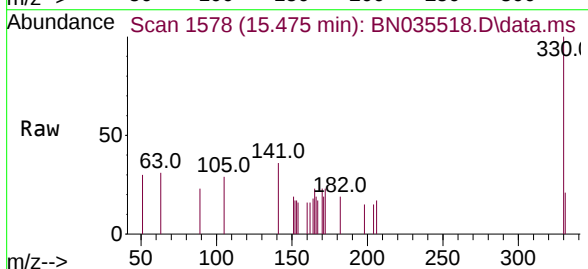
Tgt Ion:164 Resp: 3560
Ion Ratio Lower Upper
164 100
162 102.9 82.2 123.2
160 51.7 40.1 60.1

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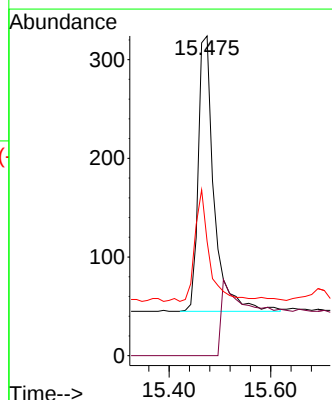
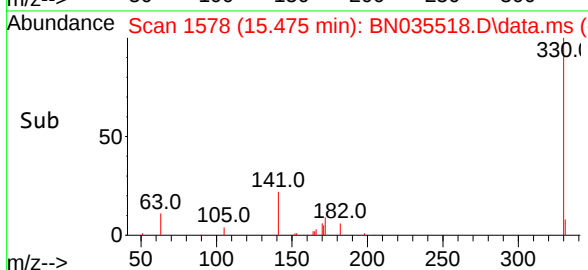
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/11/2024

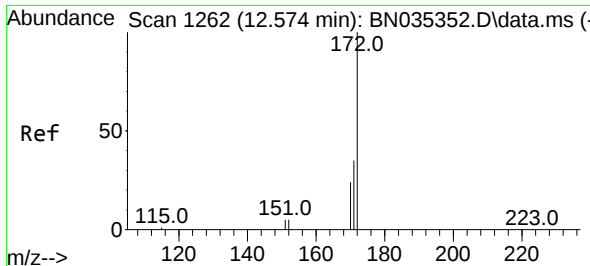


#14
2,4,6-Tribromophenol
Concen: 0.255 ng
RT: 15.475 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BN035518.D
Acq: 09 Dec 2024 21:55



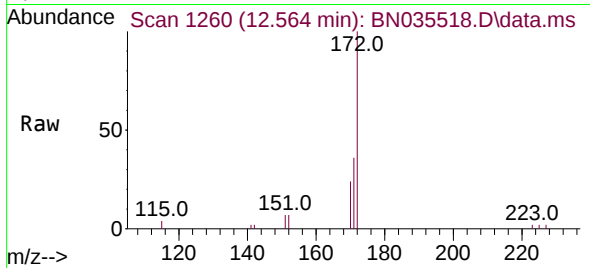
Tgt Ion:330 Resp: 645
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 36.0 26.6 40.0





#15
2-Fluorobiphenyl
Concen: 0.364 ng
RT: 12.564 min Scan# 11
Delta R.T. -0.010 min
Lab File: BN035518.D
Acq: 09 Dec 2024 21:55

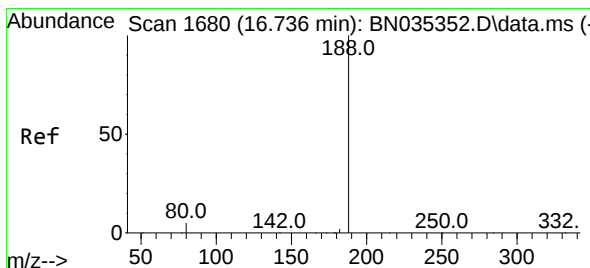
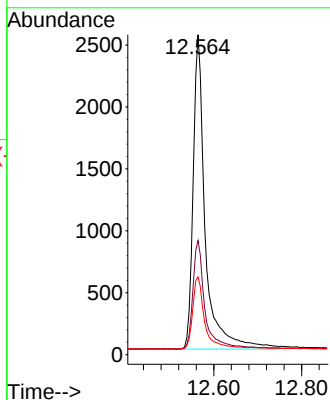
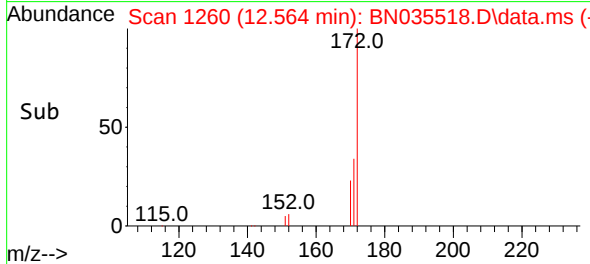
Instrument :
BNA_N
ClientSampleId :
RW5-SP201-20241206



Tgt Ion:172 Resp: 4894
Ion Ratio Lower Upper
172 100
171 35.6 29.0 43.4
170 24.3 19.8 29.8

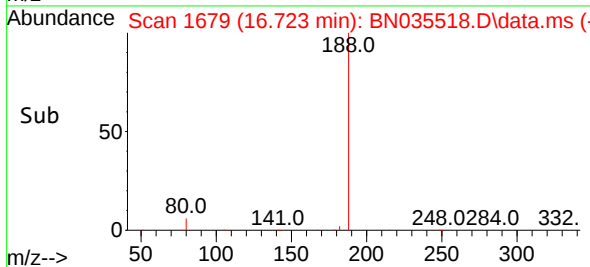
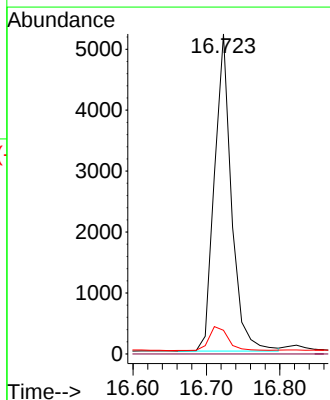
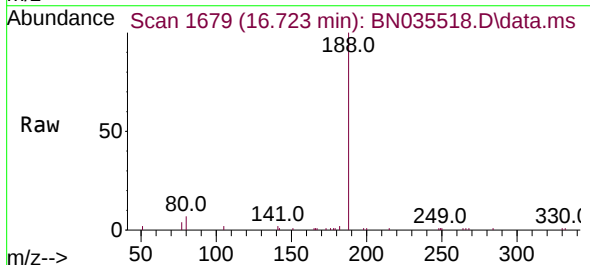
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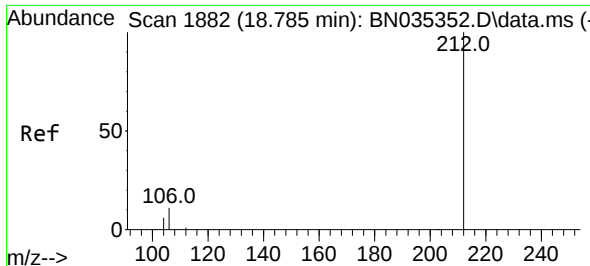
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/11/2024



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.723 min Scan# 1679
Delta R.T. -0.012 min
Lab File: BN035518.D
Acq: 09 Dec 2024 21:55

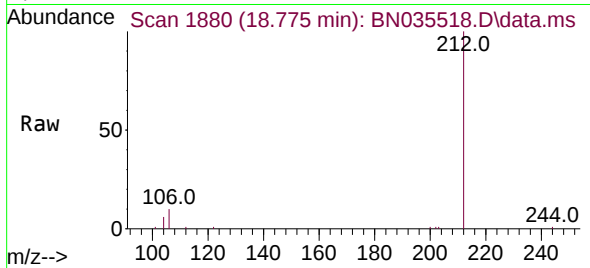
Tgt Ion:188 Resp: 8364
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.4 4.6 6.8#





#27
Fluoranthene-d10
Concen: 0.440 ng
RT: 18.775 min Scan# 1882
Delta R.T. -0.009 min
Lab File: BN035518.D
Acq: 09 Dec 2024 21:55

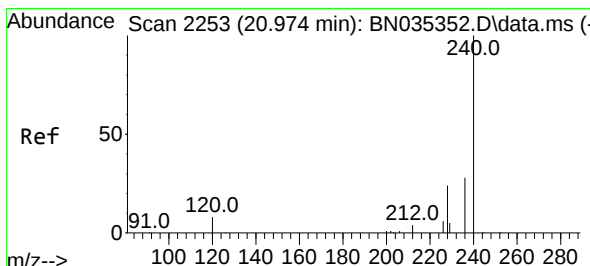
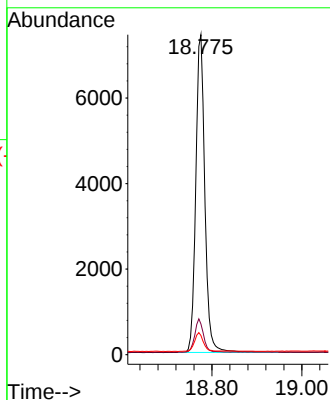
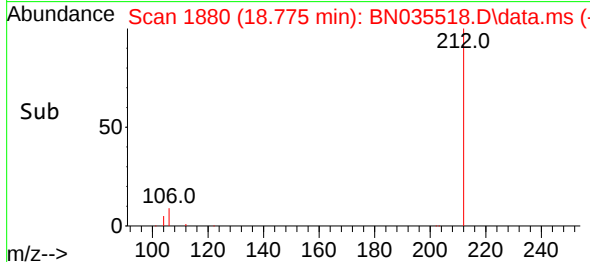
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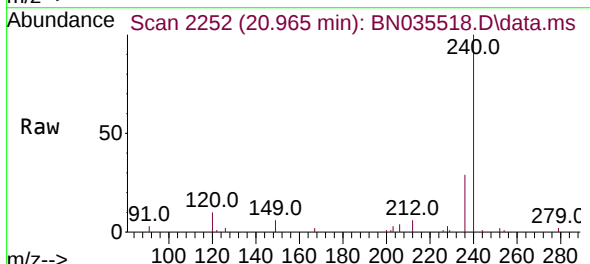
Tgt Ion:212 Resp: 10435
Ion Ratio Lower Upper
212 100
106 10.1 9.2 13.8
104 5.8 5.3 7.9

Manual Integrations
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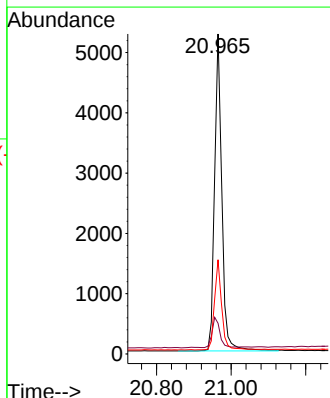
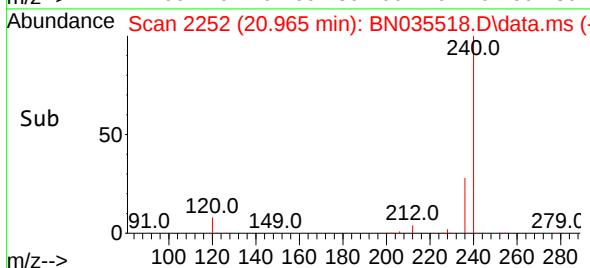
Reviewed By :Yogesh Patel 12/11/2024
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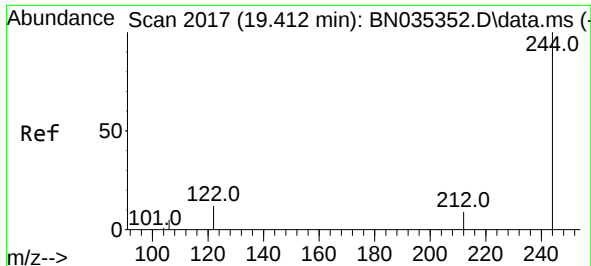


#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.965 min Scan# 2252
Delta R.T. -0.009 min
Lab File: BN035518.D
Acq: 09 Dec 2024 21:55



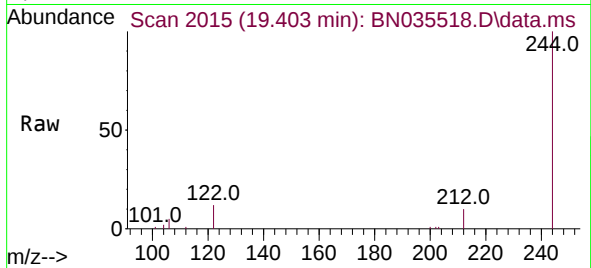
Tgt Ion:240 Resp: 7094
Ion Ratio Lower Upper
240 100
120 9.6 7.9 11.9
236 29.5 22.9 34.3





#31
 Terphenyl-d14
 Concen: 0.660 ng
 RT: 19.403 min Scan# 2017
 Delta R.T. -0.009 min
 Lab File: BN035518.D
 Acq: 09 Dec 2024 21:55

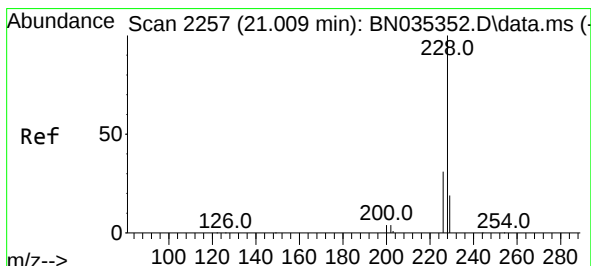
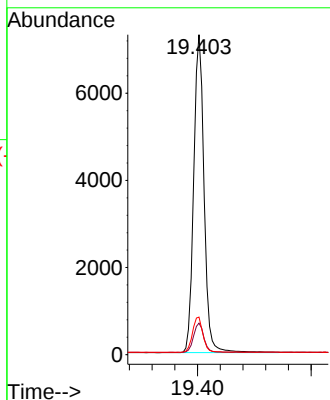
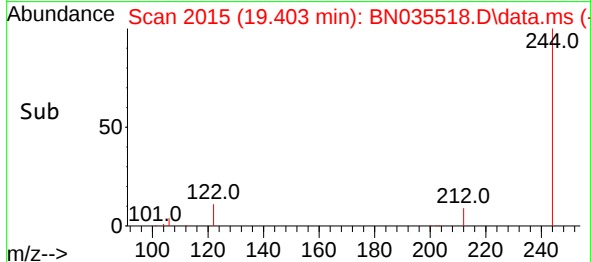
Instrument :
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 RW5-SP201-20241206



Tgt Ion:244 Resp: 923
 Ion Ratio Lower Upper
 244 100
 212 9.8 8.1 12.1
 122 11.8 10.3 15.5

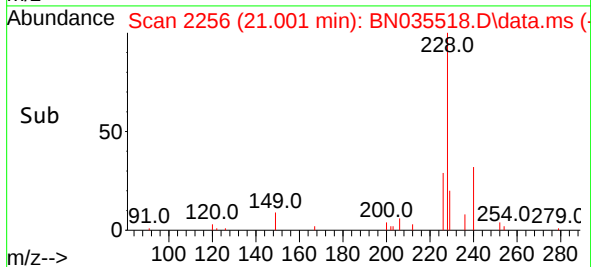
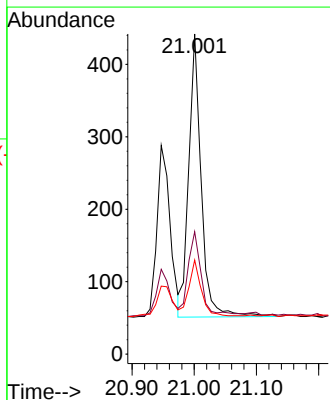
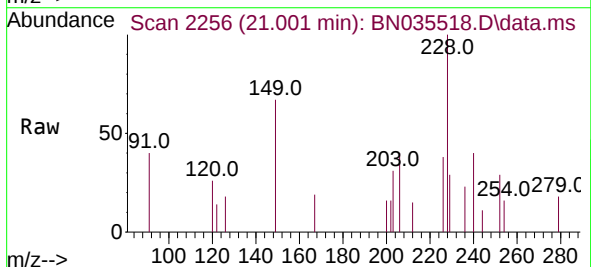
Manual Integrations
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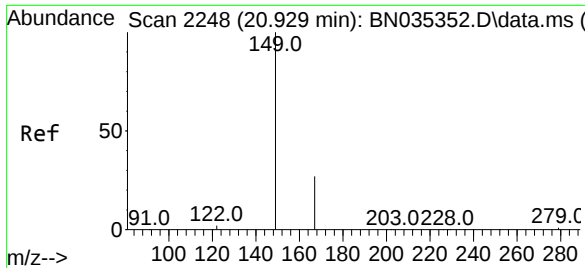
Reviewed By :Yogesh Patel 12/11/2024
 Supervised By :mohammad ahmed 12/11/2024



#33
 Chrysene
 Concen: 0.021 ng
 RT: 21.001 min Scan# 2256
 Delta R.T. -0.009 min
 Lab File: BN035518.D
 Acq: 09 Dec 2024 21:55

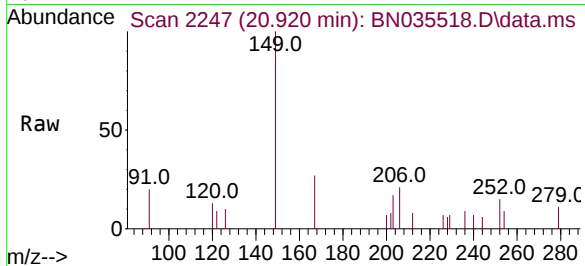
Tgt Ion:228 Resp: 547
 Ion Ratio Lower Upper
 228 100
 226 38.2 24.6 37.0#
 229 29.4 15.9 23.9#





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.069 ng
RT: 20.920 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN035518.D
Acq: 09 Dec 2024 21:55

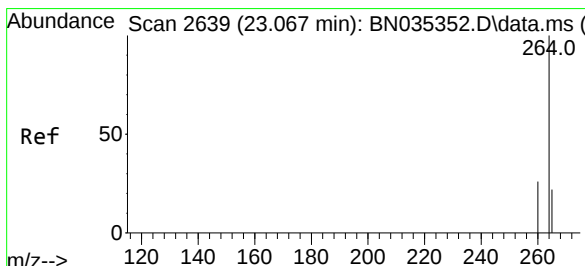
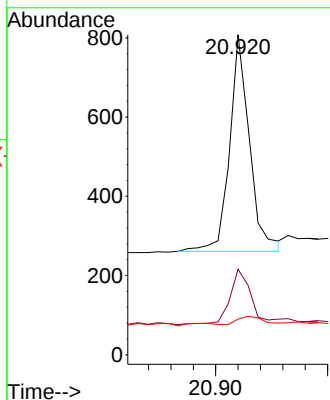
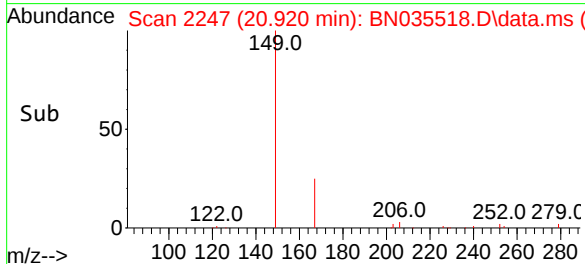
Instrument :
BNA_N
ClientSampleId :
RW5-SP201-20241206



Tgt Ion:149 Resp: 670
Ion Ratio Lower Upper
149 100
167 29.9 22.2 33.4
279 4.9 2.7 4.1

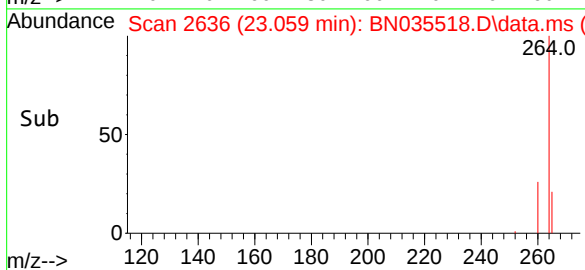
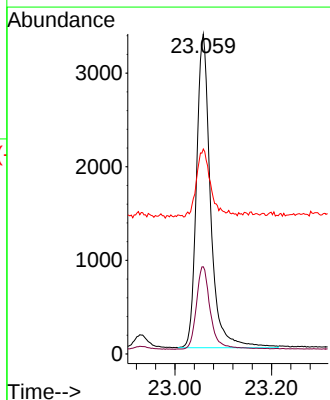
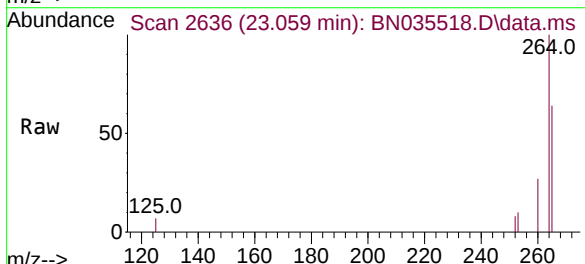
Manual Integrations
APPROVED

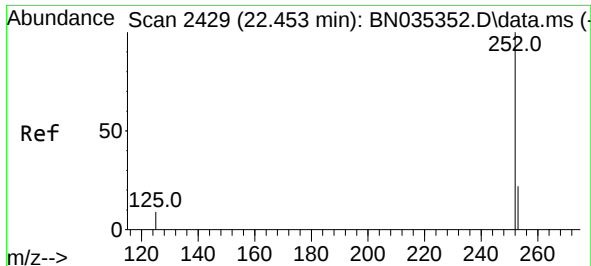
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/11/2024



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.059 min Scan# 2636
Delta R.T. -0.009 min
Lab File: BN035518.D
Acq: 09 Dec 2024 21:55

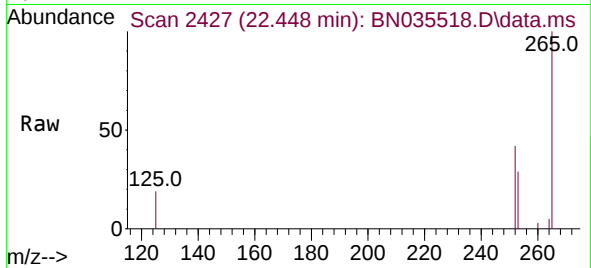
Tgt Ion:264 Resp: 6747
Ion Ratio Lower Upper
264 100
260 27.3 21.4 32.2
265 64.0 40.2 60.4





#37
Benzo(b)fluoranthene
Concen: 0.024 ng
RT: 22.448 min Scan# 2427
Delta R.T. -0.006 min
Lab File: BN035518.D
Acq: 09 Dec 2024 21:55

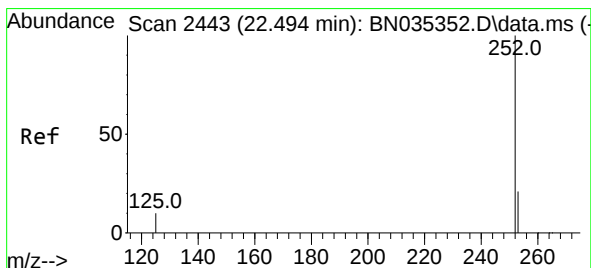
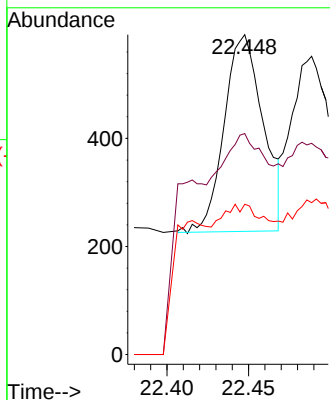
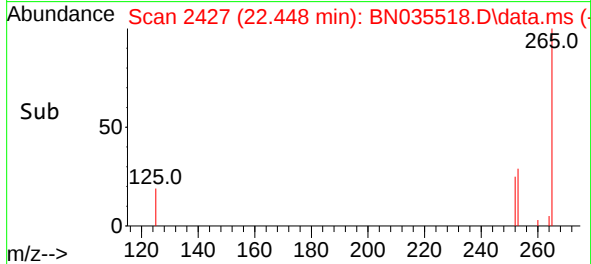
Instrument :
BNA_N
ClientSampleId :
RW5-SP201-20241206



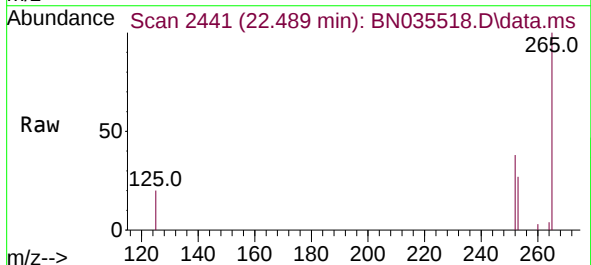
Tgt Ion:252 Resp: 600
Ion Ratio Lower Upper
252 100
253 69.1 19.6 29.4#
125 47.0 9.6 14.4#

Manual Integrations
APPROVED

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



#38
Benzo(k)fluoranthene
Concen: 0.022 ng
RT: 22.489 min Scan# 2441
Delta R.T. -0.006 min
Lab File: BN035518.D
Acq: 09 Dec 2024 21:55



Tgt Ion:252 Resp: 532
Ion Ratio Lower Upper
252 100
253 70.8 19.5 29.3#
125 50.9 10.2 15.4#

