

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092624\
 Data File : BN034253.D
 Acq On : 26 Sep 2024 20:22
 Operator : RC/JU
 Sample : P4164-12
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE139D1-20240920

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/28/2024
 Supervised By :mohammad ahmed 09/28/2024

Quant Time: Sep 27 01:02:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 26 14:44:02 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.401	152	5113	0.400	ng	0.00
7) Naphthalene-d8	10.159	136	12848	0.400	ng	# 0.01
13) Acenaphthene-d10	14.051	164	6584	0.400	ng	0.00
19) Phenanthrene-d10	16.808	188	11837	0.400	ng	# 0.00
29) Chrysene-d12	21.026	240	8341	0.400	ng	0.01
35) Perylene-d12	23.136	264	7635	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.040	112	2328	0.160	ng	0.00
5) Phenol-d6	6.600	99	951	0.056	ng	0.00
8) Nitrobenzene-d5	8.557	82	2582	0.263	ng	0.02
11) 2-Methylnaphthalene-d10	11.761	152	5983	0.315	ng	0.00
14) 2,4,6-Tribromophenol	15.567	330	123	0.041	ng	0.02
15) 2-Fluorobiphenyl	12.661	172	8576	0.320	ng	0.00
27) Fluoranthene-d10	18.848	212	11504	0.385	ng	0.00
31) Terphenyl-d14	19.470	244	7181	0.431	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.039	88	11718	1.833	ng	# 81
25) Phenanthrene	16.845	178	833m	0.025	ng	
28) Fluoranthene	18.876	202	907	0.023	ng	# 91
30) Pyrene	19.243	202	850	0.024	ng	98

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

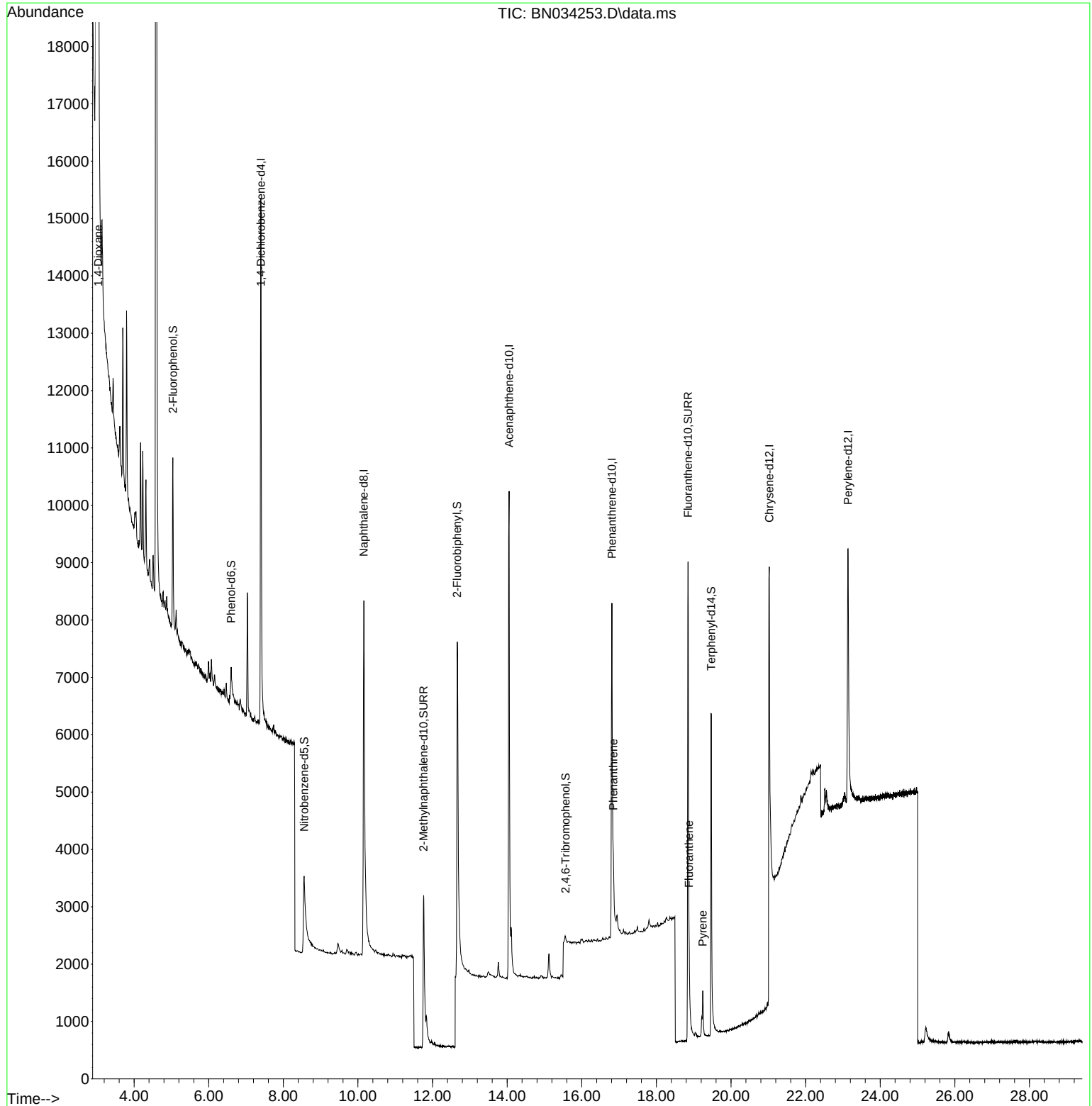
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092624\
Data File : BN034253.D
Acq On : 26 Sep 2024 20:22
Operator : RC/JU
Sample : P4164-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

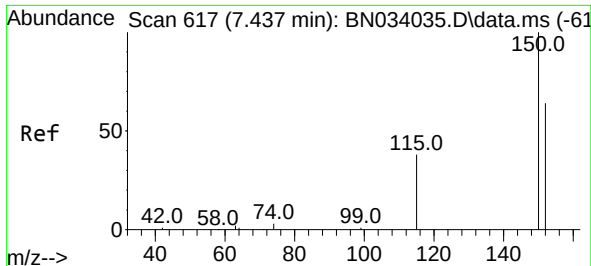
Instrument :
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RE139D1-20240920

Quant Time: Sep 27 01:02:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 26 14:44:02 2024
Response via : Initial Calibration

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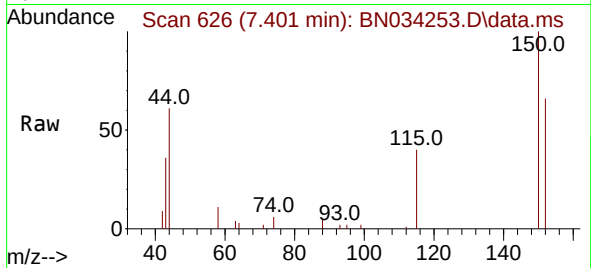
Reviewed By :Yogesh Patel 09/28/2024
Supervised By :mohammad ahmed 09/28/2024





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.401 min Scan# 61
 Delta R.T. 0.007 min
 Lab File: BN034253.D
 Acq: 26 Sep 2024 20:22

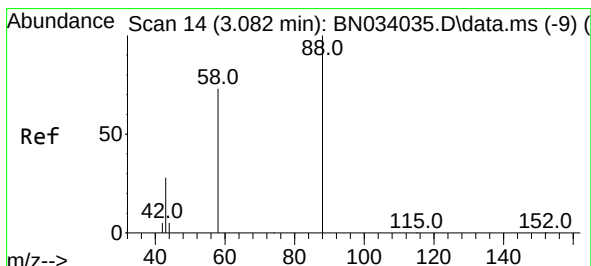
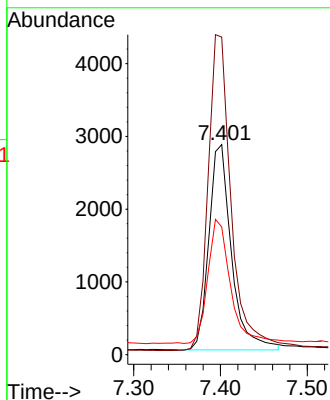
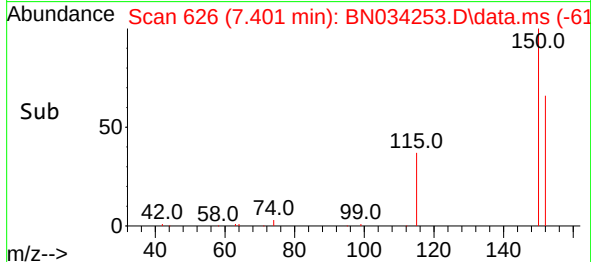
Instrument :
 BNA_N
 ClientSampleId :
 RE139D1-20240920



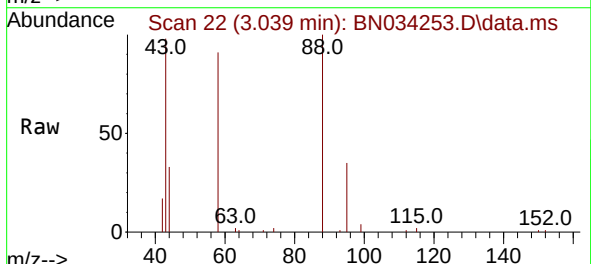
Tgt Ion:152 Resp: 511
 Ion Ratio Lower Upper
 152 100
 150 151.2 124.6 187.0
 115 60.8 50.0 75.0

Manual Integrations
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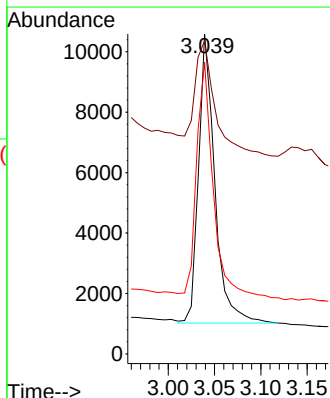
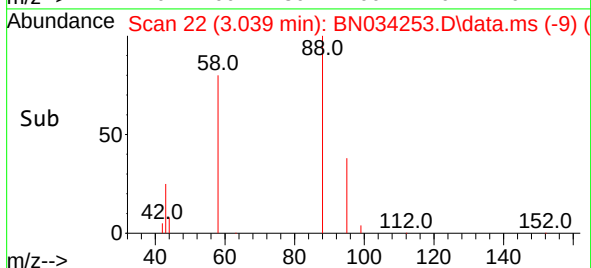
Reviewed By :Yogesh Patel 09/28/2024
 Supervised By :mohammad ahmed 09/28/2024

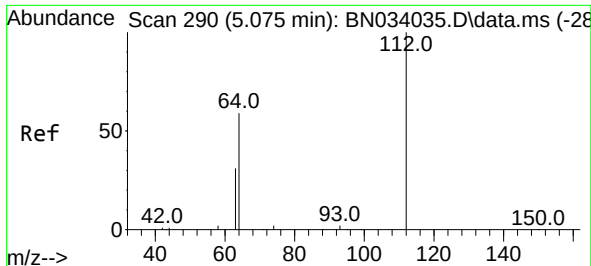


#2
 1,4-Dioxane
 Concen: 1.833 ng
 RT: 3.039 min Scan# 22
 Delta R.T. -0.007 min
 Lab File: BN034253.D
 Acq: 26 Sep 2024 20:22



Tgt Ion: 88 Resp: 11718
 Ion Ratio Lower Upper
 88 100
 43 50.4 25.8 38.8#
 58 84.0 58.8 88.2





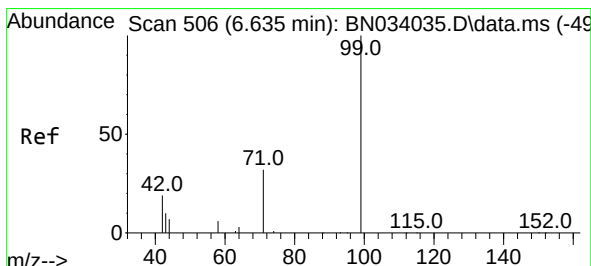
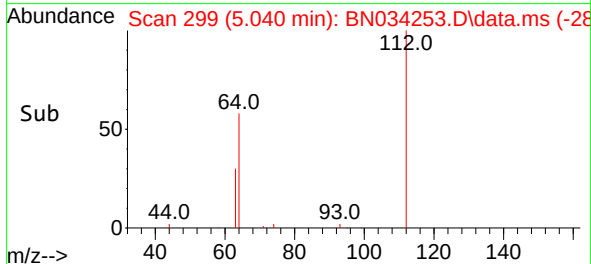
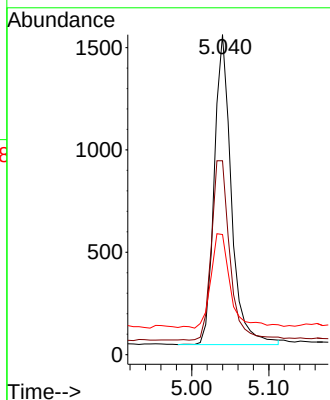
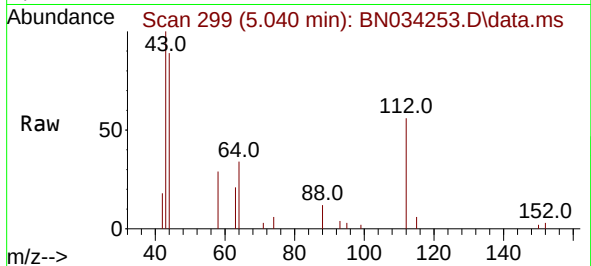
#4
2-Fluorophenol
Concen: 0.160 ng
RT: 5.040 min Scan# 290
Delta R.T. 0.007 min
Lab File: BN034253.D
Acq: 26 Sep 2024 20:22

Instrument :
BNA_N
ClientSampleId :
RE139D1-20240920

Tgt Ion:112 Resp: 2328
Ion Ratio Lower Upper
112 100
64 62.3 48.6 72.8
63 32.6 25.6 38.4

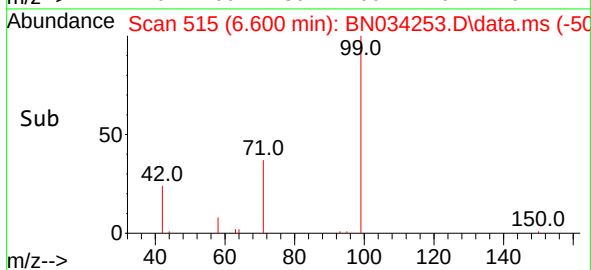
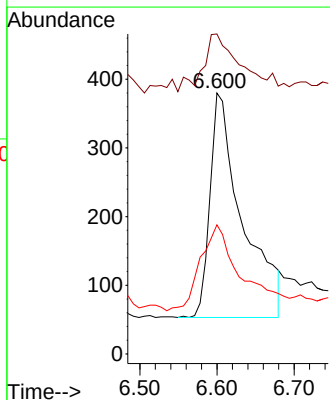
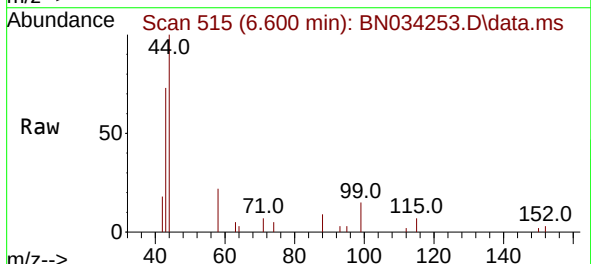
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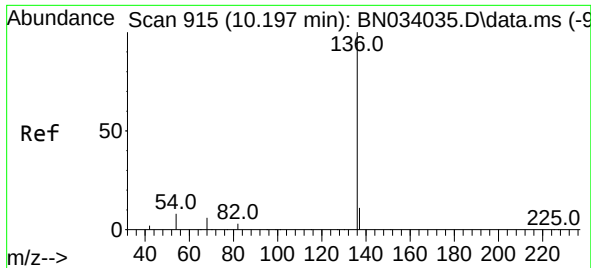
Reviewed By :Yogesh Patel 09/28/2024
Supervised By :mohammad ahmed 09/28/2024



#5
Phenol-d6
Concen: 0.056 ng
RT: 6.600 min Scan# 515
Delta R.T. 0.000 min
Lab File: BN034253.D
Acq: 26 Sep 2024 20:22

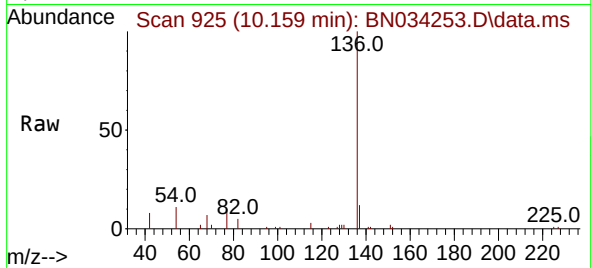
Tgt Ion: 99 Resp: 951
Ion Ratio Lower Upper
99 100
42 30.1 17.8 26.8#
71 46.9 26.2 39.2#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.159 min Scan# 915
Delta R.T. 0.011 min
Lab File: BN034253.D
Acq: 26 Sep 2024 20:22

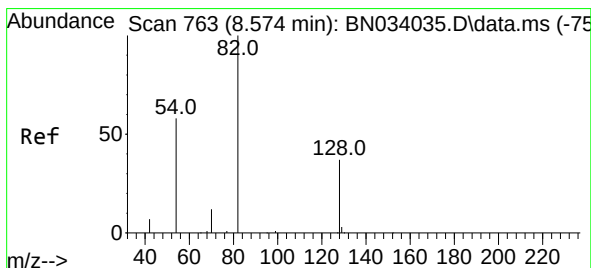
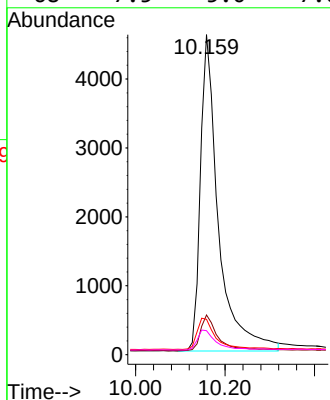
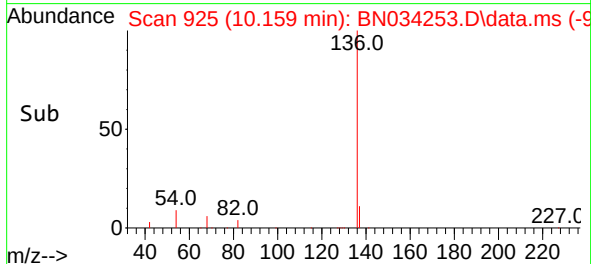
Instrument :
BNA_N
ClientSampleId :
RE139D1-20240920



Tgt Ion:136 Resp: 1284
Ion Ratio Lower Upper
136 100
137 12.4 9.0 13.6
54 11.1 6.8 10.2
68 7.5 5.0 7.6

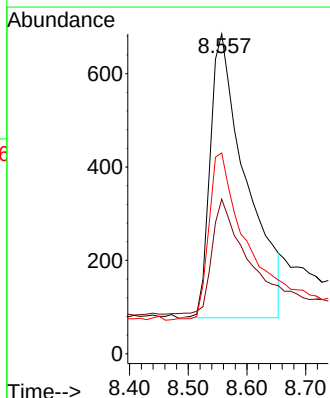
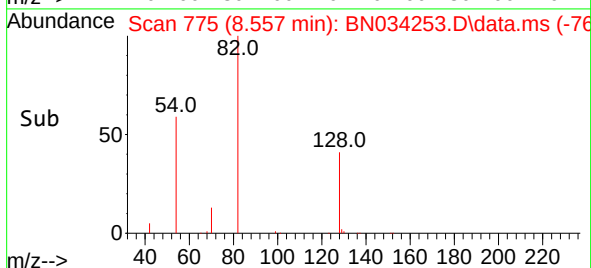
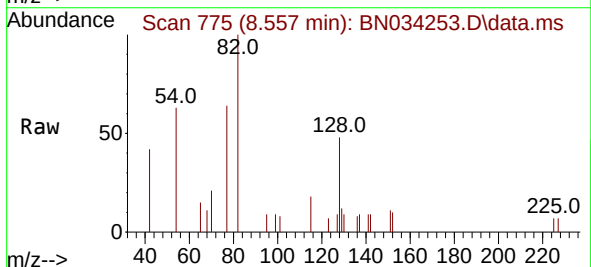
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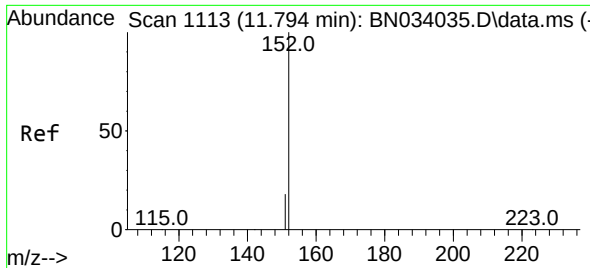
Reviewed By :Yogesh Patel 09/28/2024
Supervised By :mohammad ahmed 09/28/2024



#8
Nitrobenzene-d5
Concen: 0.263 ng
RT: 8.557 min Scan# 775
Delta R.T. 0.021 min
Lab File: BN034253.D
Acq: 26 Sep 2024 20:22

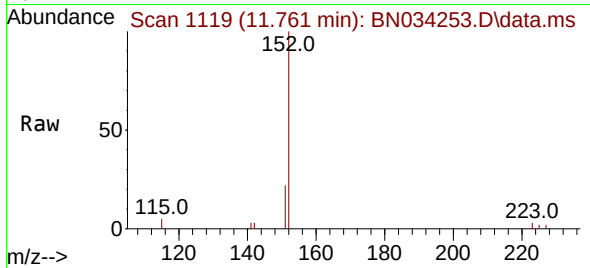
Tgt Ion: 82 Resp: 2582
Ion Ratio Lower Upper
82 100
128 48.3 31.4 47.2#
54 62.8 47.4 71.0





#11
2-Methylnaphthalene-d10
Concen: 0.315 ng
RT: 11.761 min Scan# 1113
Delta R.T. 0.008 min
Lab File: BN034253.D
Acq: 26 Sep 2024 20:22

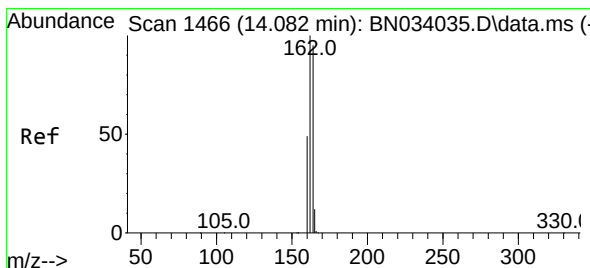
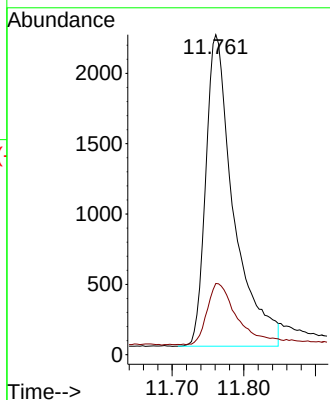
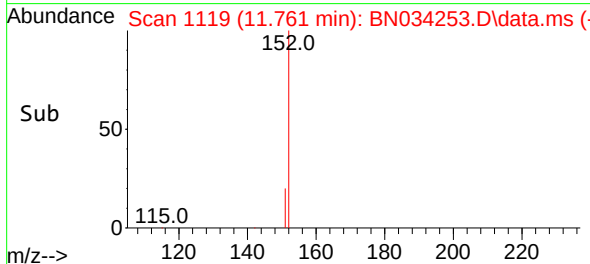
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ClientSampleId :
RE139D1-20240920



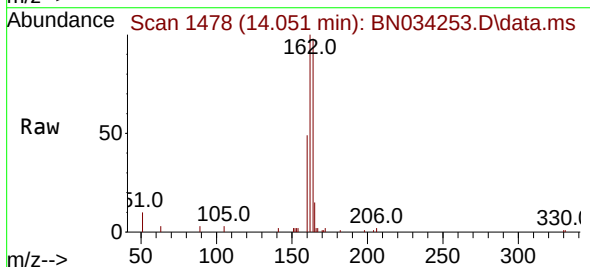
Tgt Ion:152 Resp: 598
Ion Ratio Lower Upper
152 100
151 21.2 16.8 25.2

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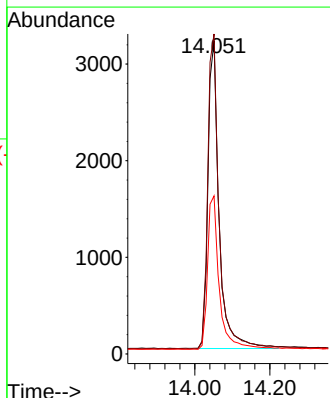
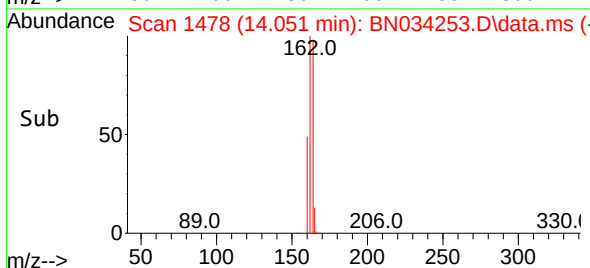
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Supervised By :mohammad ahmed 09/28/2024

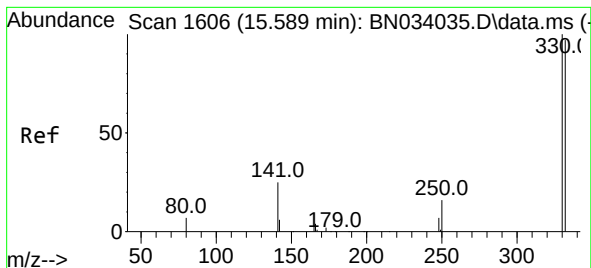


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.051 min Scan# 1478
Delta R.T. 0.004 min
Lab File: BN034253.D
Acq: 26 Sep 2024 20:22



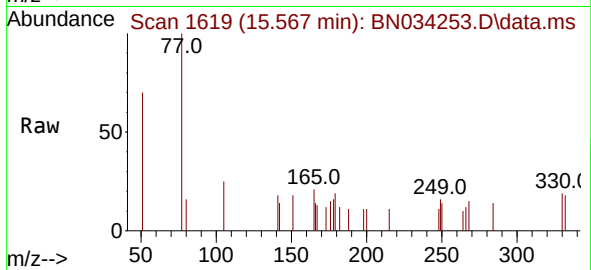
Tgt Ion:164 Resp: 6584
Ion Ratio Lower Upper
164 100
162 102.3 84.2 126.2
160 50.5 41.7 62.5





#14
2,4,6-Tribromophenol
Concen: 0.041 ng
RT: 15.567 min Scan# 1619
Delta R.T. 0.018 min
Lab File: BN034253.D
Acq: 26 Sep 2024 20:22

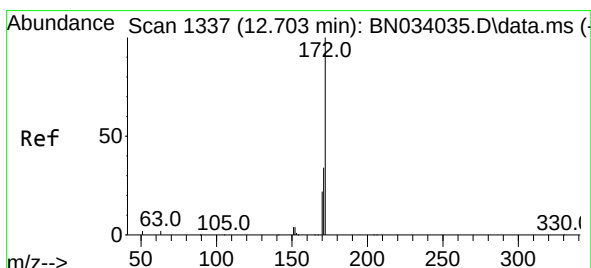
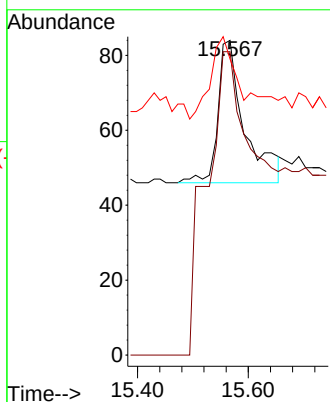
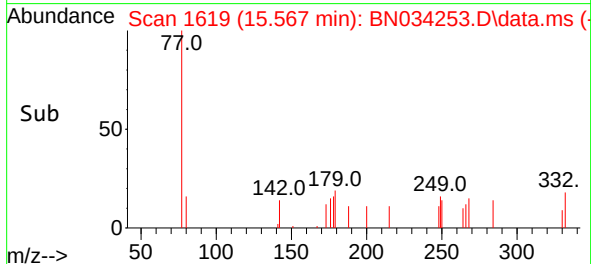
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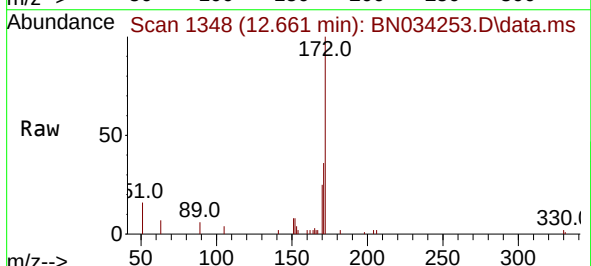
Tgt Ion:330 Resp: 123
Ion Ratio Lower Upper
330 100
332 436.6 77.4 116.0
141 71.5 35.9 53.9

Manual Integrations
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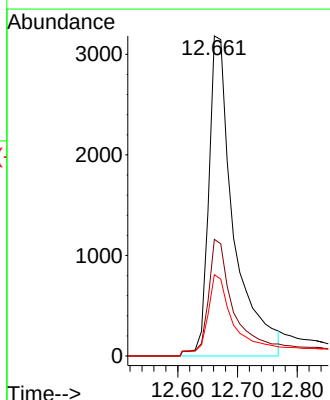
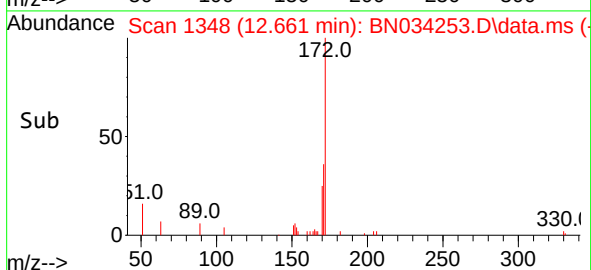
Reviewed By :Yogesh Patel 09/28/2024
Supervised By :mohammad ahmed 09/28/2024

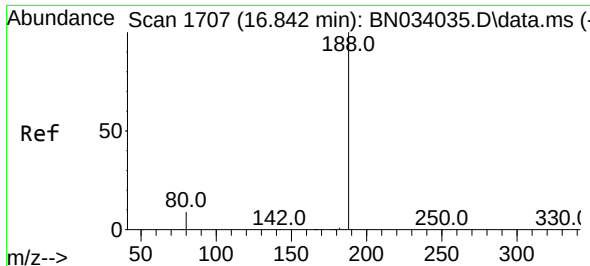


#15
2-Fluorobiphenyl
Concen: 0.320 ng
RT: 12.661 min Scan# 1348
Delta R.T. 0.004 min
Lab File: BN034253.D
Acq: 26 Sep 2024 20:22



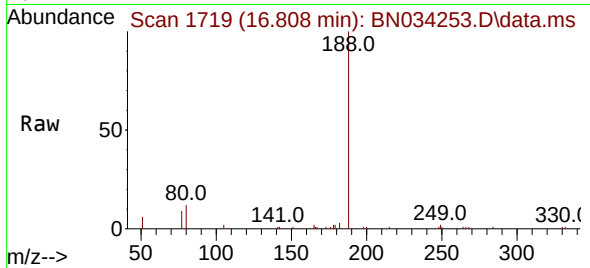
Tgt Ion:172 Resp: 8576
Ion Ratio Lower Upper
172 100
171 36.5 27.3 40.9
170 25.4 18.1 27.1





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.808 min Scan# 11
Delta R.T. 0.006 min
Lab File: BN034253.D
Acq: 26 Sep 2024 20:22

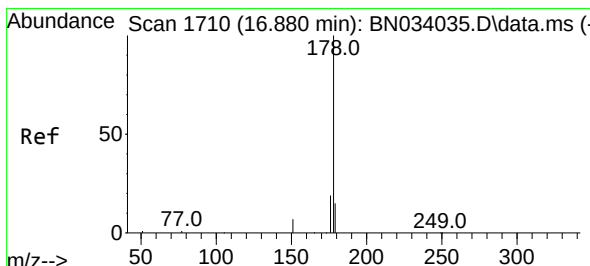
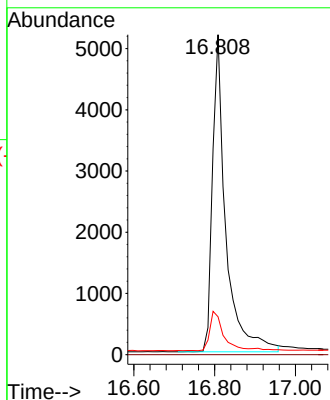
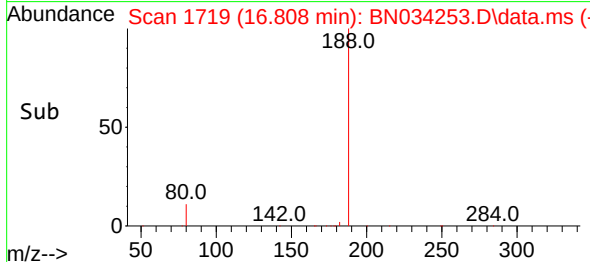
Instrument :
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Tgt Ion:188 Resp: 1183
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.9 7.4 11.0

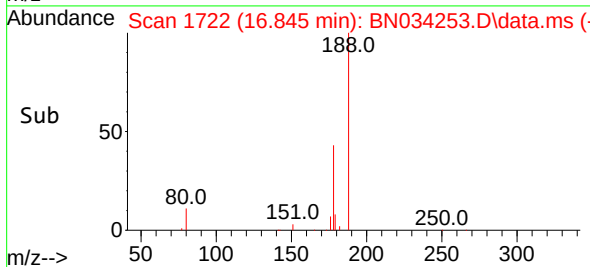
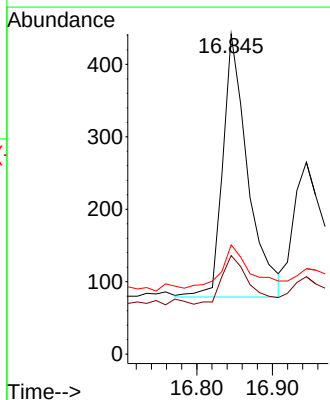
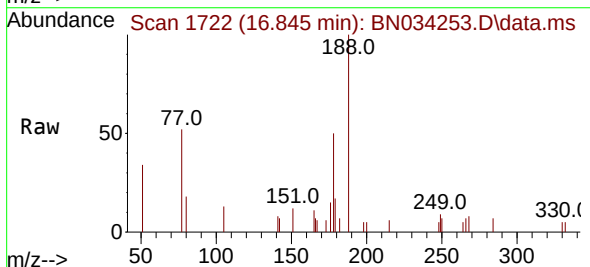
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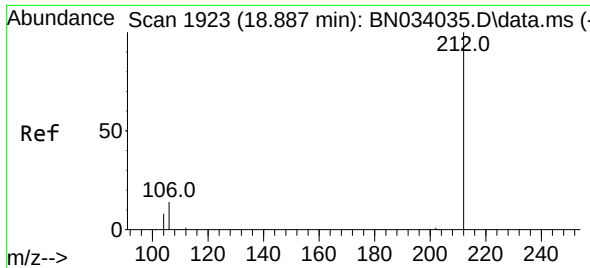
Reviewed By :Yogesh Patel 09/28/2024
Supervised By :mohammad ahmed 09/28/2024



#25
Phenanthrene
Concen: 0.025 ng m
RT: 16.845 min Scan# 1722
Delta R.T. 0.005 min
Lab File: BN034253.D
Acq: 26 Sep 2024 20:22

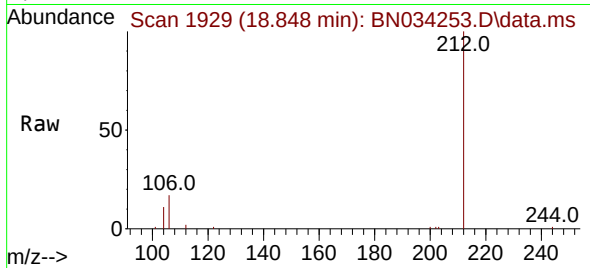
Tgt Ion:178 Resp: 833
Ion Ratio Lower Upper
178 100
176 19.4 15.3 22.9
179 16.1 12.1 18.1





#27
Fluoranthene-d10
Concen: 0.385 ng
RT: 18.848 min Scan# 1929
Delta R.T. 0.002 min
Lab File: BN034253.D
Acq: 26 Sep 2024 20:22

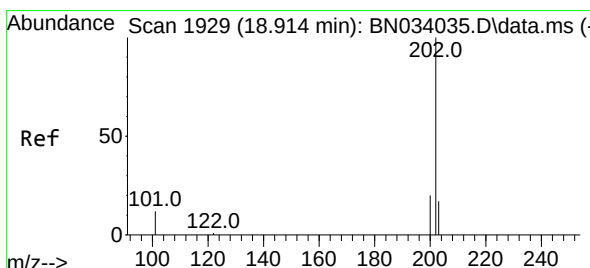
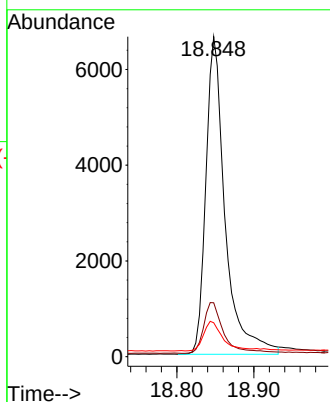
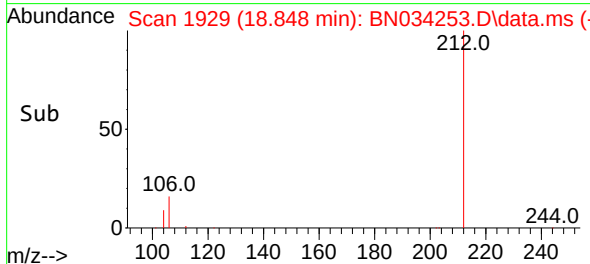
Instrument :
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RE139D1-20240920



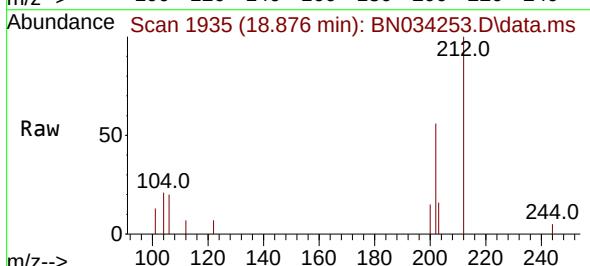
Tgt Ion:212 Resp: 11504
Ion Ratio Lower Upper
212 100
106 16.6 13.4 20.2
104 9.4 7.8 11.6

Manual Integrations
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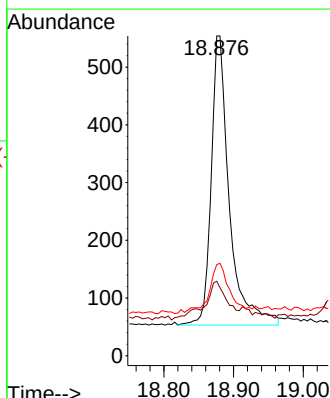
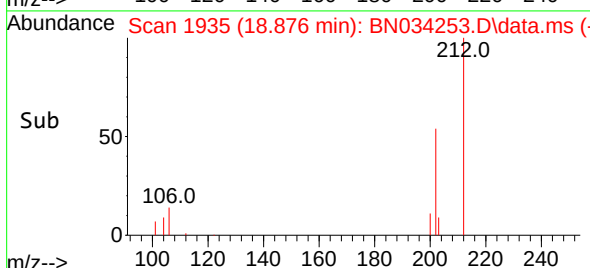
Reviewed By :Yogesh Patel 09/28/2024
Supervised By :mohammad ahmed 09/28/2024

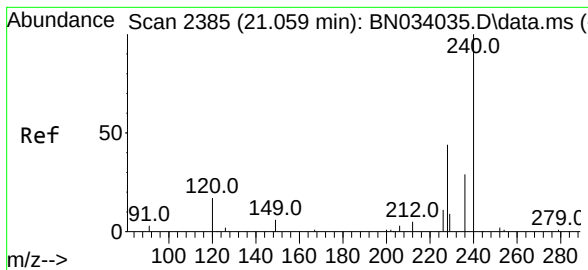


#28
Fluoranthene
Concen: 0.023 ng
RT: 18.876 min Scan# 1935
Delta R.T. -0.002 min
Lab File: BN034253.D
Acq: 26 Sep 2024 20:22



Tgt Ion:202 Resp: 907
Ion Ratio Lower Upper
202 100
101 16.9 10.1 15.1#
203 20.1 13.6 20.4





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.026 min Scan# 2101

Delta R.T. 0.011 min

Lab File: BN034253.D

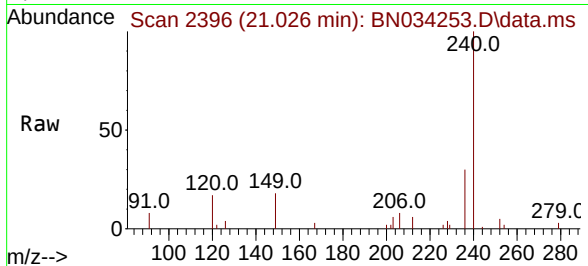
Acq: 26 Sep 2024 20:22

Instrument :

BNA_N

ClientSampleId :

RE139D1-20240920



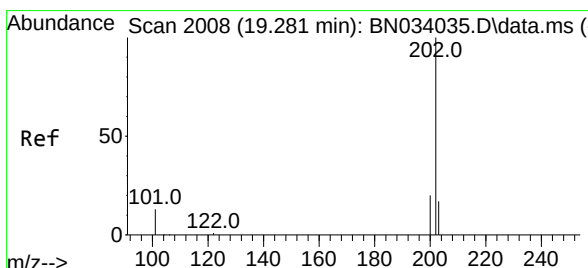
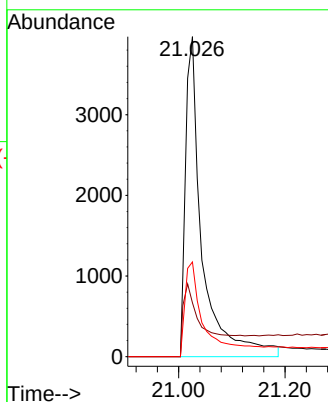
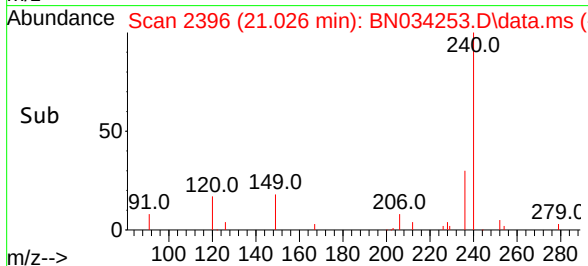
Tgt Ion:	240	Resp:	834
Ion Ratio	Lower	Upper	
240	100		
120	16.9	13.5	20.3
236	29.6	23.4	35.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/28/2024

Supervised By :mohammad ahmed 09/28/2024



#30

Pyrene

Concen: 0.024 ng

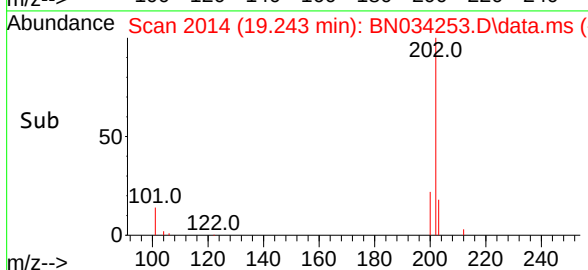
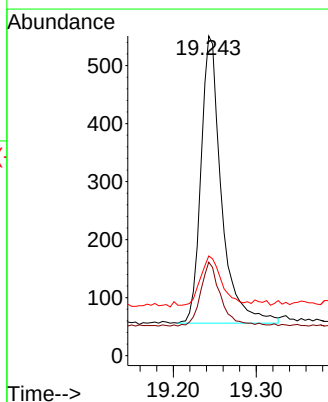
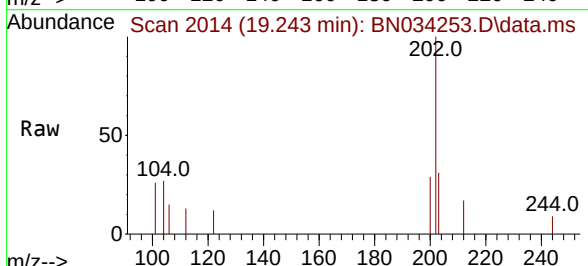
RT: 19.243 min Scan# 2014

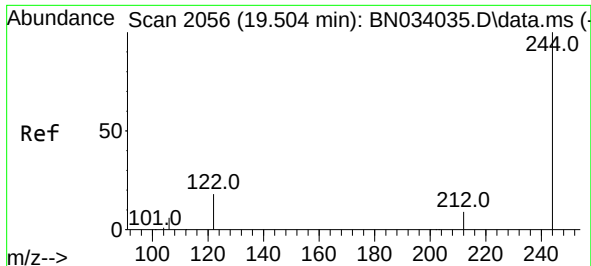
Delta R.T. 0.002 min

Lab File: BN034253.D

Acq: 26 Sep 2024 20:22

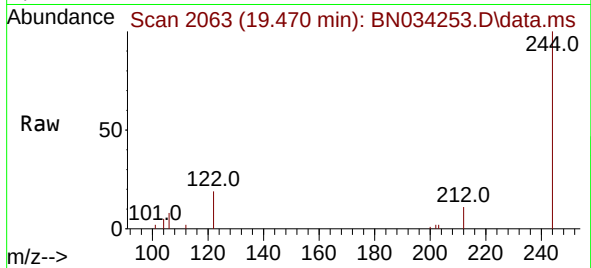
Tgt Ion:	202	Resp:	850
Ion Ratio	Lower	Upper	
202	100		
200	22.0	16.6	25.0
203	17.2	14.3	21.5





#31
 Terphenyl-d14
 Concen: 0.431 ng
 RT: 19.470 min Scan# 2056
 Delta R.T. 0.002 min
 Lab File: BN034253.D
 Acq: 26 Sep 2024 20:22

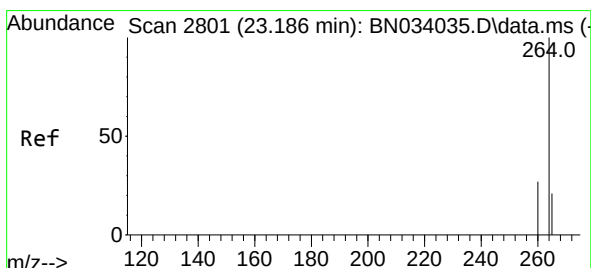
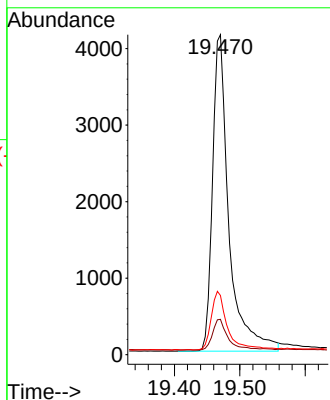
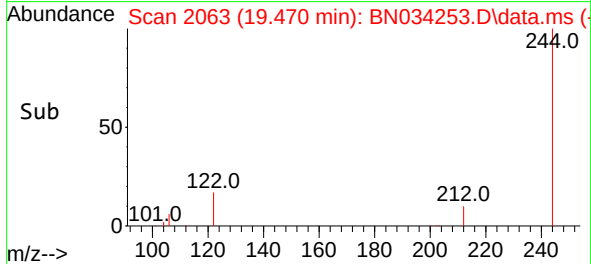
Instrument :
 BNA_N
 ClientSampleId :
 RE139D1-20240920



Tgt Ion:244 Resp: 718
 Ion Ratio Lower Upper
 244 100
 212 11.0 7.8 11.6
 122 18.5 14.8 22.2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/28/2024
 Supervised By :mohammad ahmed 09/28/2024



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.136 min Scan# 2800
 Delta R.T. 0.008 min
 Lab File: BN034253.D
 Acq: 26 Sep 2024 20:22

Tgt Ion:264 Resp: 7635
 Ion Ratio Lower Upper
 264 100
 260 27.1 21.7 32.5
 265 113.8 52.1 78.1#

