

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092524\
 Data File : BN034242.D
 Acq On : 26 Sep 2024 01:36
 Operator : RC/JU
 Sample : P4164-16
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP06-20240919

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/26/2024
 Supervised By :mohammad ahmed 09/26/2024

Quant Time: Sep 26 04:32:43 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 03:57:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	3792	0.400	ng	-0.01
7) Naphthalene-d8	10.735	136	9998	0.400	ng	#-0.01
13) Acenaphthene-d10	14.528	164	5327	0.400	ng	-0.01
19) Phenanthrene-d10	17.262	188	9803	0.400	ng	#-0.02
29) Chrysene-d12	21.427	240	5855	0.400	ng	#-0.01
35) Perylene-d12	23.751	264	5049	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.560	112	1014	0.094	ng	-0.01
5) Phenol-d6	7.134	99	387	0.031	ng	-0.01
8) Nitrobenzene-d5	9.123	82	1981	0.259	ng	0.00
11) 2-Methylnaphthalene-d10	12.313	152	4242	0.287	ng	-0.01
14) 2,4,6-Tribromophenol	16.021	330	132	0.055	ng	0.00
15) 2-Fluorobiphenyl	13.171	172	6399	0.295	ng	-0.01
27) Fluoranthene-d10	19.282	212	8980	0.363	ng	-0.01
31) Terphenyl-d14	19.872	244	5567	0.476	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.494	88	7470	1.576	ng	# 74
25) Phenanthrene	17.299	178	747m	0.027	ng	
28) Fluoranthene	19.315	202	734	0.023	ng	# 91
30) Pyrene	19.672	202	758	0.031	ng	95
32) Benzo(a)anthracene	21.418	228	419	0.023	ng	# 56
34) Bis(2-ethylhexyl)phtha...	21.328	149	879	0.114	ng	96

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

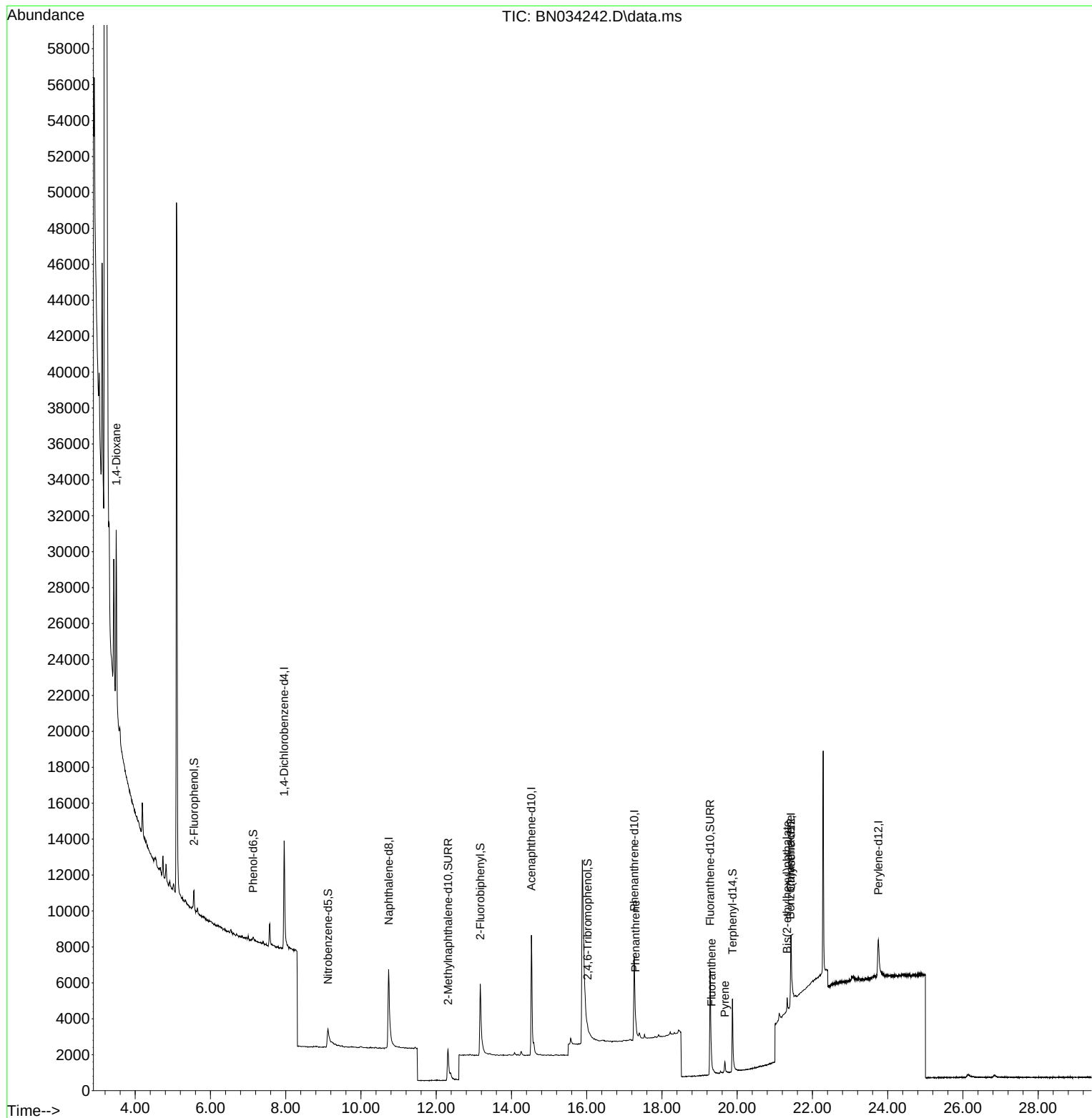
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092524\
Data File : BN034242.D
Acq On : 26 Sep 2024 01:36
Operator : RC/JU
Sample : P4164-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

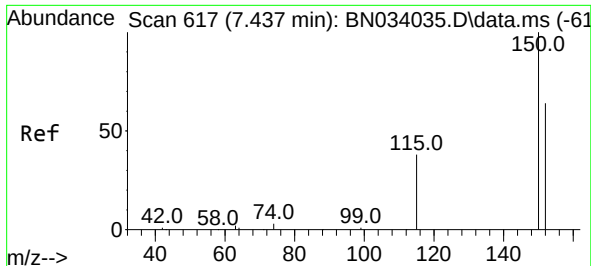
Instrument :
BNA_N
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DUP06-20240919

Quant Time: Sep 26 04:32:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
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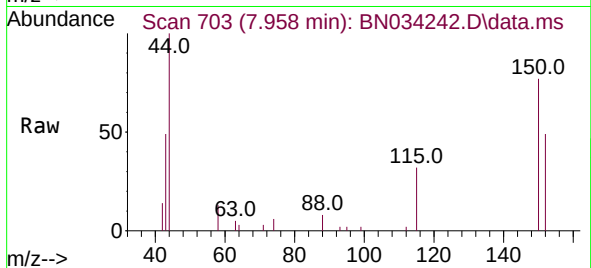
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.958 min Scan# 703
Delta R.T. -0.014 min
Lab File: BN034242.D
Acq: 26 Sep 2024 01:36

Instrument :

BNA_N

ClientSampleId :

DUP06-20240919



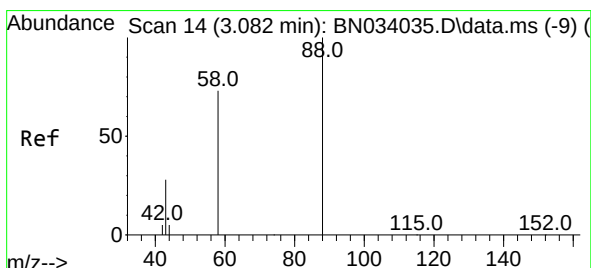
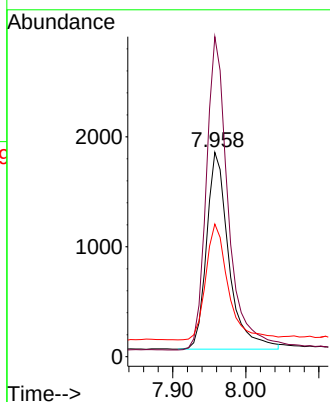
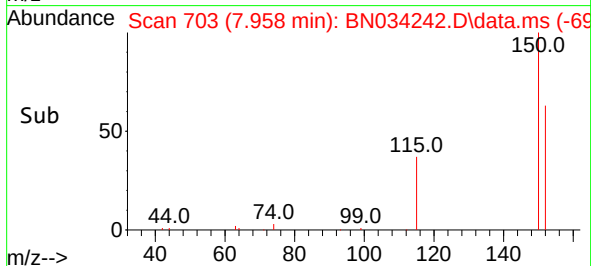
Tgt Ion:152 Resp: 3792
Ion Ratio Lower Upper
152 100
150 156.6 124.6 187.0
115 64.9 50.0 75.0

Manual Integrations

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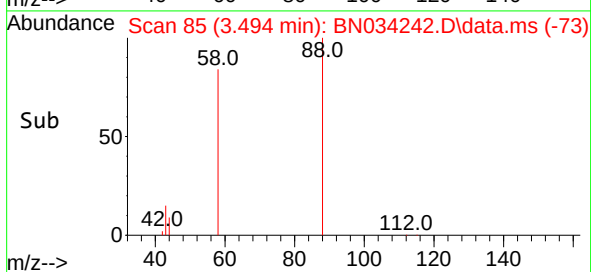
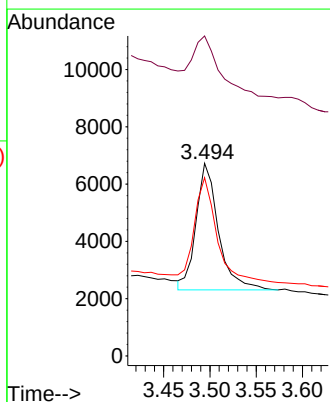
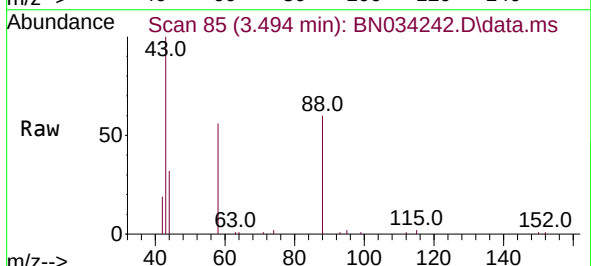
Reviewed By :Yogesh Patel 09/26/2024

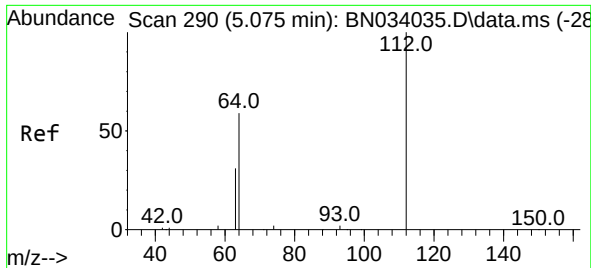
Supervised By :mohammad ahmed 09/26/2024



#2
1,4-Dioxane
Concen: 1.576 ng
RT: 3.494 min Scan# 85
Delta R.T. -0.015 min
Lab File: BN034242.D
Acq: 26 Sep 2024 01:36

Tgt Ion: 88 Resp: 7470
Ion Ratio Lower Upper
88 100
43 64.7 25.8 38.8
58 84.2 58.8 88.2





#4
2-Fluorophenol
Concen: 0.094 ng
RT: 5.560 min Scan# 31
Delta R.T. -0.015 min
Lab File: BN034242.D
Acq: 26 Sep 2024 01:36

Instrument :

BNA_N

ClientSampleId :

DUP06-20240919

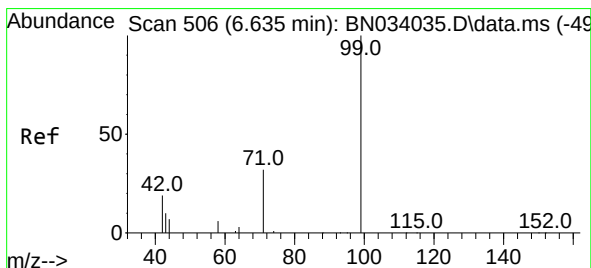
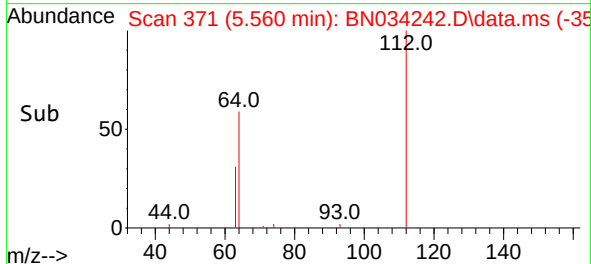
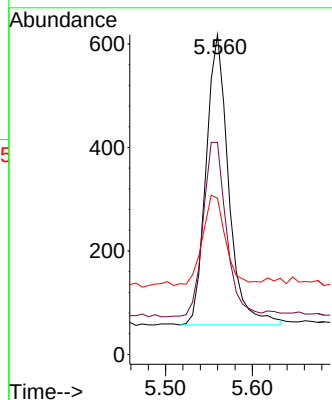
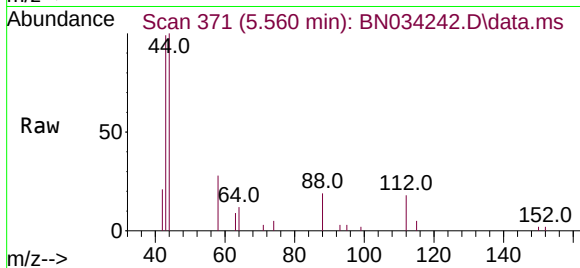
Tgt Ion: 112 Resp: 1014
Ion Ratio Lower Upper
112 100
64 62.2 48.6 72.8
63 32.2 25.6 38.4

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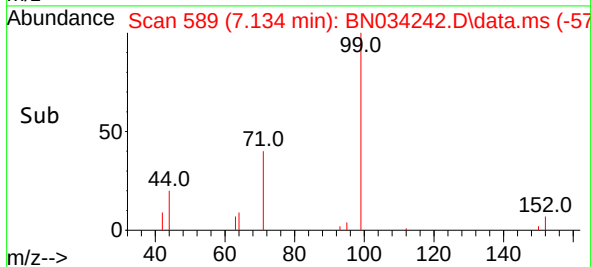
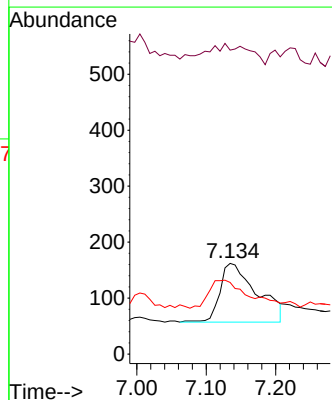
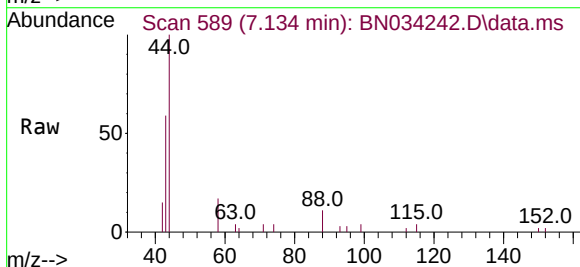
Reviewed By :Yogesh Patel 09/26/2024

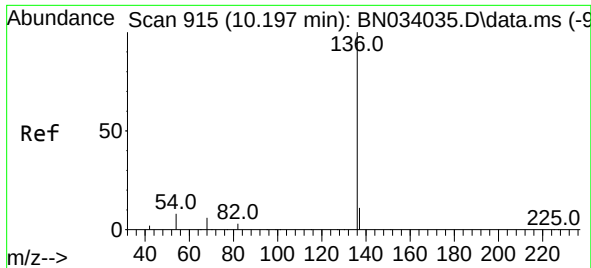
Supervised By :mohammad ahmed 09/26/2024



#5
Phenol-d6
Concen: 0.031 ng
RT: 7.134 min Scan# 589
Delta R.T. -0.015 min
Lab File: BN034242.D
Acq: 26 Sep 2024 01:36

Tgt Ion: 99 Resp: 387
Ion Ratio Lower Upper
99 100
42 17.6 17.8 26.8#
71 50.9 26.2 39.2#





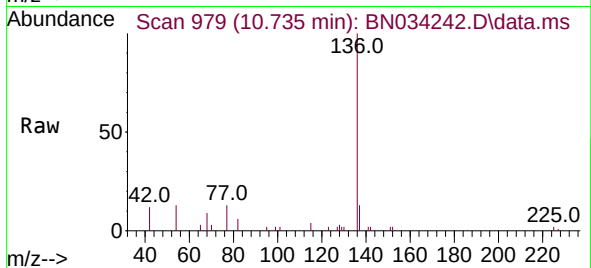
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.735 min Scan# 915
Delta R.T. -0.011 min
Lab File: BN034242.D
Acq: 26 Sep 2024 01:36

Instrument :

BNA_N

ClientSampleId :

DUP06-20240919

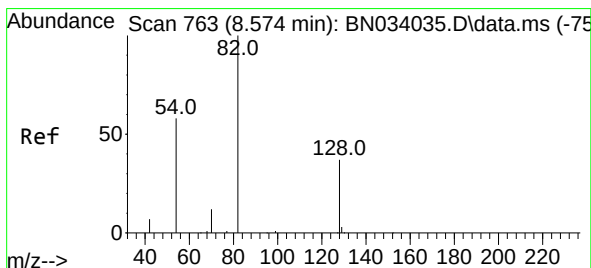
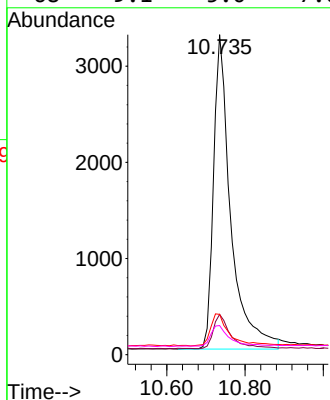
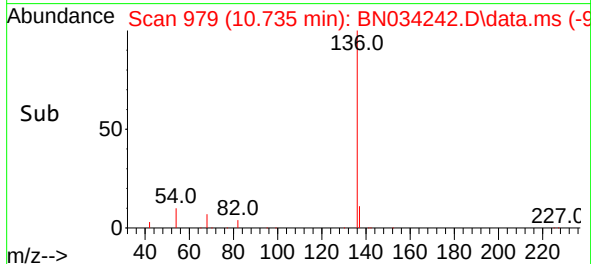


Tgt Ion:136 Resp: 9998
Ion Ratio Lower Upper
136 100
137 12.6 9.0 13.6
54 12.6 6.8 10.2
68 9.1 5.0 7.6#

Manual Integrations

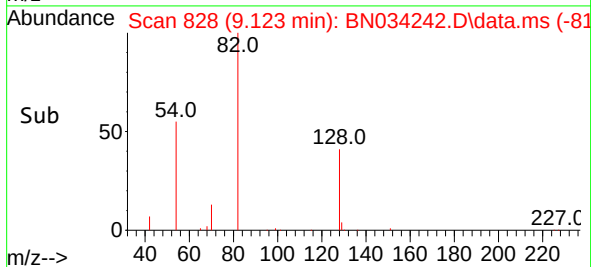
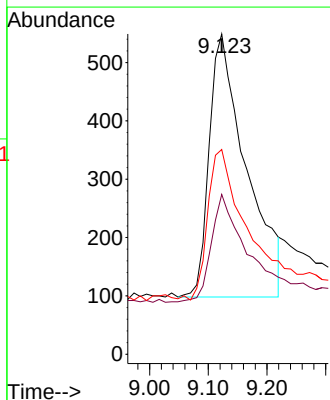
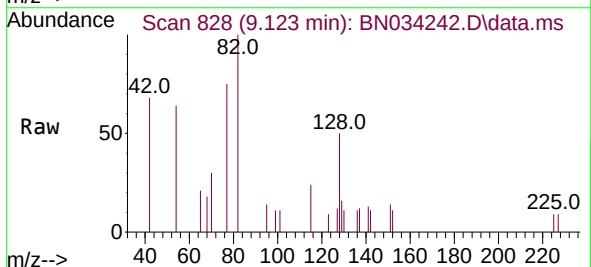
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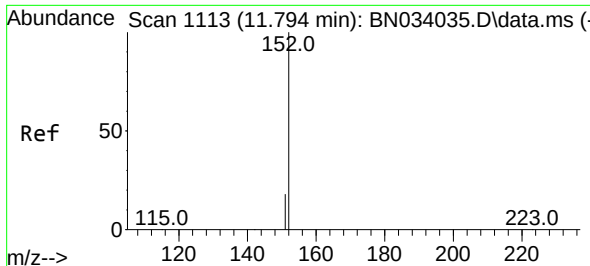
Reviewed By :Yogesh Patel 09/26/2024
Supervised By :mohammad ahmed 09/26/2024



#8
Nitrobenzene-d5
Concen: 0.259 ng
RT: 9.123 min Scan# 828
Delta R.T. -0.000 min
Lab File: BN034242.D
Acq: 26 Sep 2024 01:36

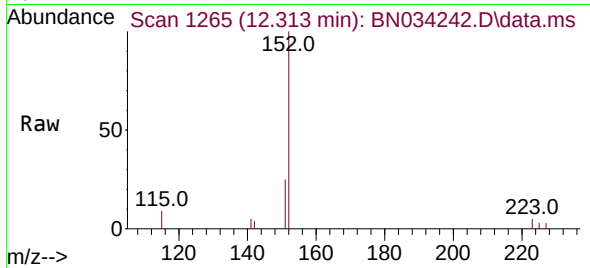
Tgt Ion: 82 Resp: 1981
Ion Ratio Lower Upper
82 100
128 49.9 31.4 47.2#
54 63.9 47.4 71.0





#11
2-Methylnaphthalene-d10
Concen: 0.287 ng
RT: 12.313 min Scan# 1113
Delta R.T. -0.011 min
Lab File: BN034242.D
Acq: 26 Sep 2024 01:36

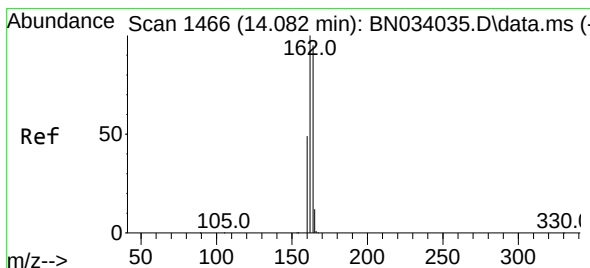
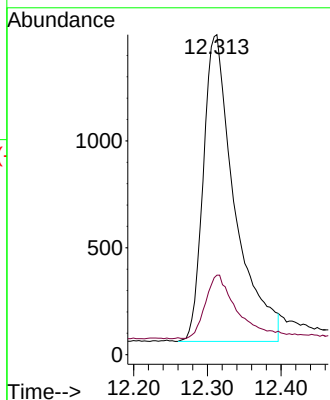
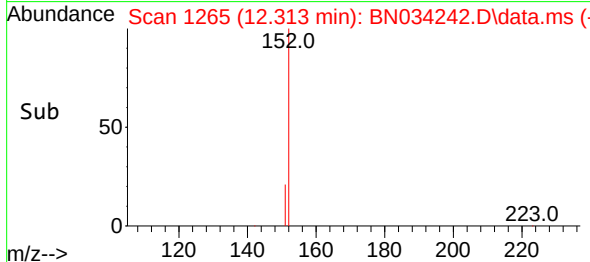
Instrument :
BNA_N
ClientSampleId :
DUP06-20240919



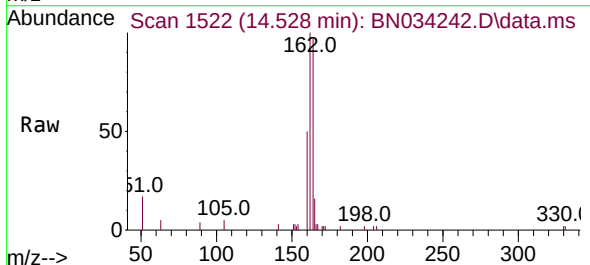
Tgt Ion:152 Resp: 424
Ion Ratio Lower Upper
152 100
151 20.6 16.8 25.2

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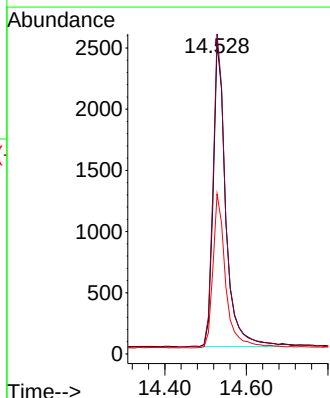
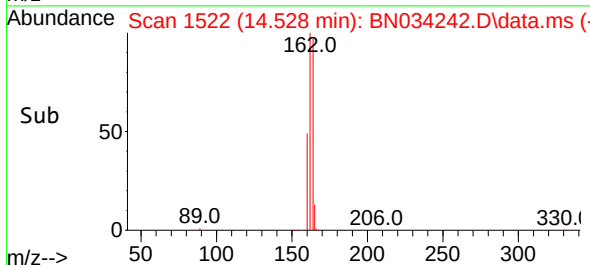
Reviewed By :Yogesh Patel 09/26/2024
Supervised By :mohammad ahmed 09/26/2024

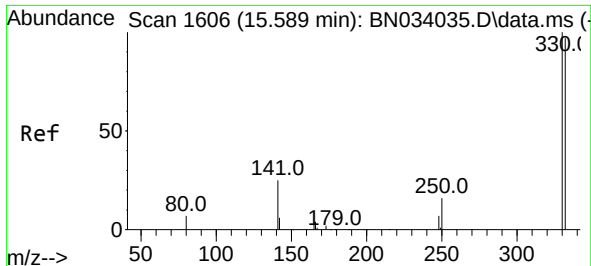


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.528 min Scan# 1522
Delta R.T. -0.015 min
Lab File: BN034242.D
Acq: 26 Sep 2024 01:36



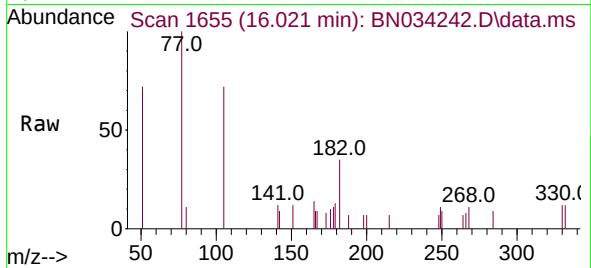
Tgt Ion:164 Resp: 5327
Ion Ratio Lower Upper
164 100
162 102.9 84.2 126.2
160 51.5 41.7 62.5





#14
2,4,6-Tribromophenol
Concen: 0.055 ng
RT: 16.021 min Scan# 1395
Delta R.T. -0.006 min
Lab File: BN034242.D
Acq: 26 Sep 2024 01:36

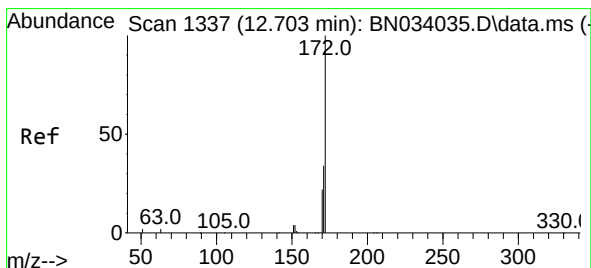
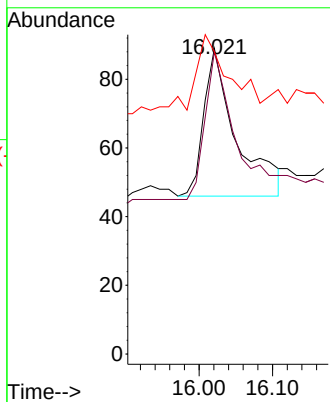
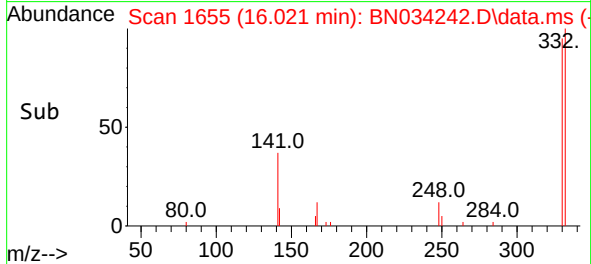
Instrument :
BNA_N
ClientSampleId :
DUP06-20240919



Tgt Ion:330 Resp: 132
Ion Ratio Lower Upper
330 100
332 91.7 77.4 116.0
141 53.8 35.9 53.9

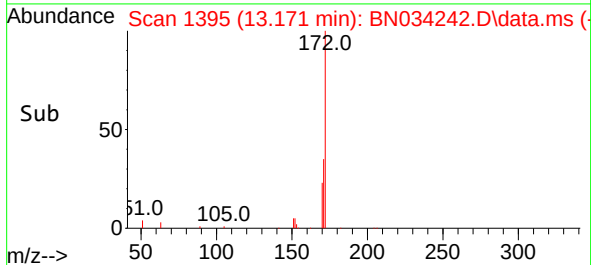
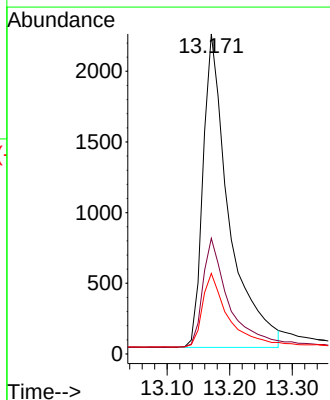
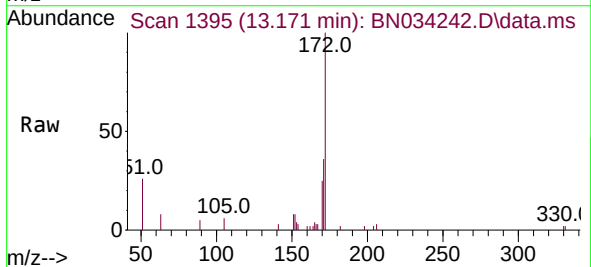
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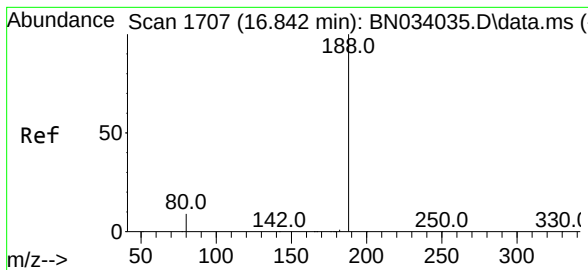
Reviewed By :Yogesh Patel 09/26/2024
Supervised By :mohammad ahmed 09/26/2024



#15
2-Fluorobiphenyl
Concen: 0.295 ng
RT: 13.171 min Scan# 1395
Delta R.T. -0.015 min
Lab File: BN034242.D
Acq: 26 Sep 2024 01:36

Tgt Ion:172 Resp: 6399
Ion Ratio Lower Upper
172 100
171 36.1 27.3 40.9
170 25.1 18.1 27.1





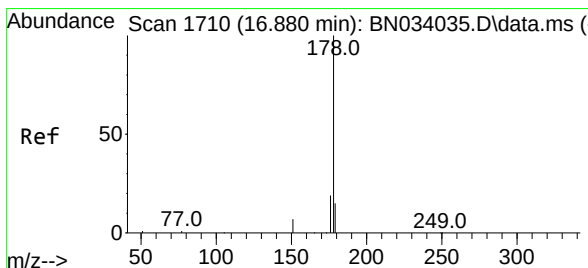
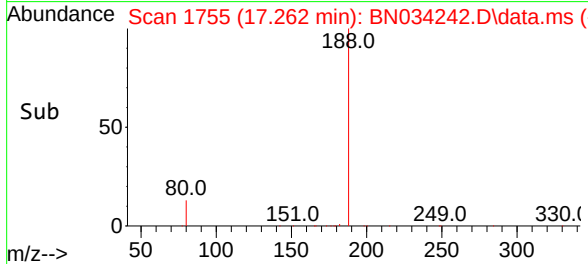
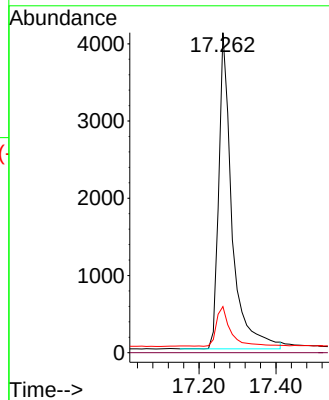
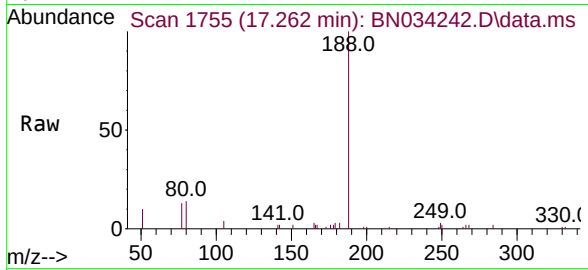
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Phenanthrene-d10
Concen: 0.400 ng
RT: 17.262 min Scan# 1755
Delta R.T. -0.018 min
Lab File: BN034242.D
Acq: 26 Sep 2024 01:36

Instrument :
BNA_N
ClientSampleId :
DUP06-20240919

Tgt Ion:188 Resp: 980
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.4 7.4 11.0

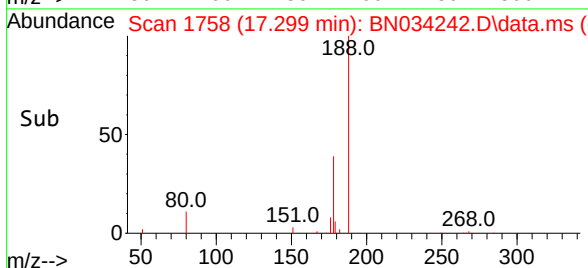
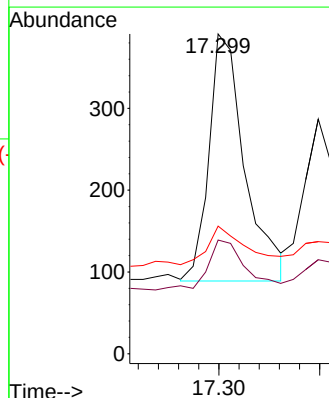
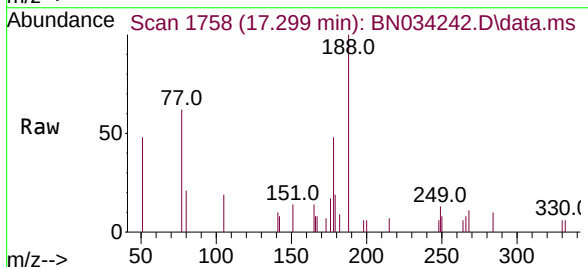
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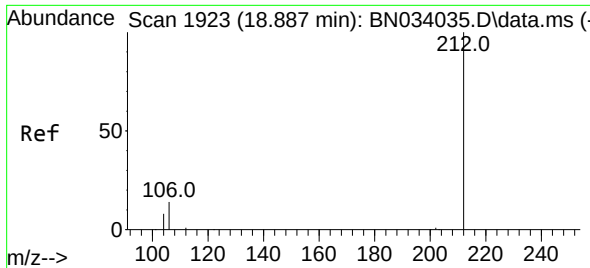
Reviewed By :Yogesh Patel 09/26/2024
Supervised By :mohammad ahmed 09/26/2024



#25
Phenanthrene
Concen: 0.027 ng m
RT: 17.299 min Scan# 1758
Delta R.T. -0.018 min
Lab File: BN034242.D
Acq: 26 Sep 2024 01:36

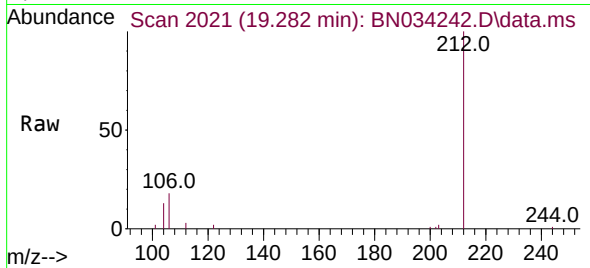
Tgt Ion:178 Resp: 747
Ion Ratio Lower Upper
178 100
176 20.7 15.3 22.9
179 17.0 12.1 18.1





#27
Fluoranthene-d10
Concen: 0.363 ng
RT: 19.282 min Scan# 2021
Delta R.T. -0.012 min
Lab File: BN034242.D
Acq: 26 Sep 2024 01:36

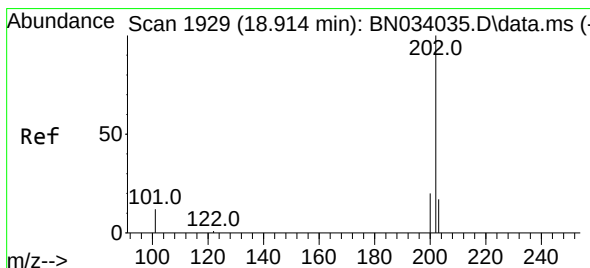
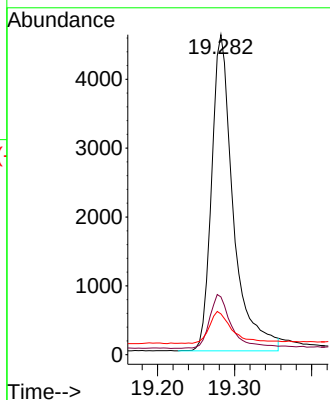
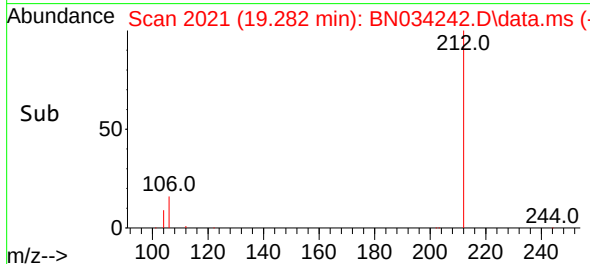
Instrument :
BNA_N
ClientSampleId :
DUP06-20240919



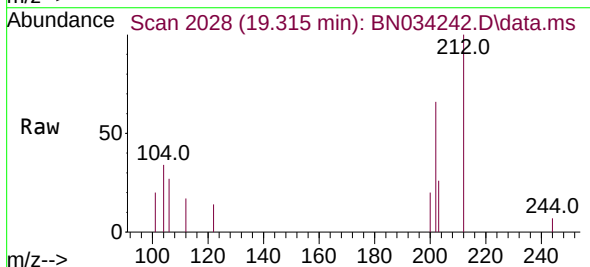
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Ion Ratio Lower Upper
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106 17.2 13.4 20.2
104 10.6 7.8 11.6

Manual Integrations
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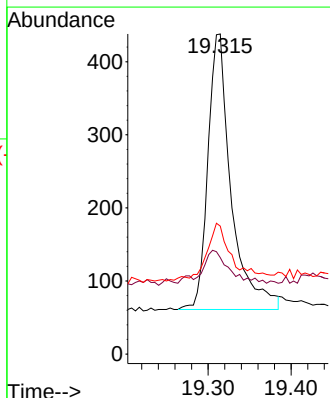
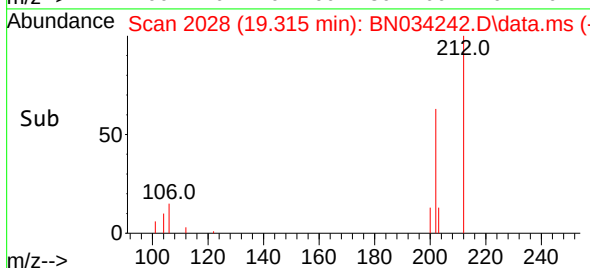
Reviewed By :Yogesh Patel 09/26/2024
Supervised By :mohammad ahmed 09/26/2024

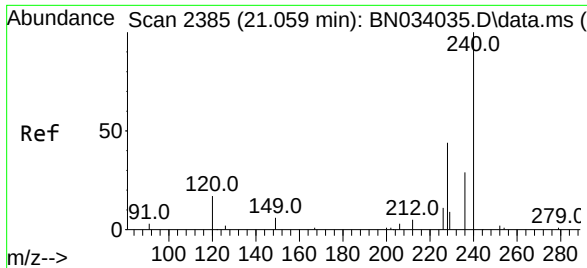


#28
Fluoranthene
Concen: 0.023 ng
RT: 19.315 min Scan# 2028
Delta R.T. -0.007 min
Lab File: BN034242.D
Acq: 26 Sep 2024 01:36



Tgt Ion:202 Resp: 734
Ion Ratio Lower Upper
202 100
101 12.8 10.1 15.1
203 23.3 13.6 20.4#





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.427 min Scan# 2439

Delta R.T. -0.011 min

Lab File: BN034242.D

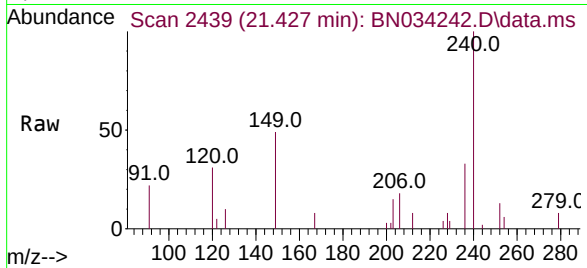
Acq: 26 Sep 2024 01:36

Instrument :

BNA_N

ClientSampleId :

DUP06-20240919



Tgt Ion:240 Resp: 585

Ion Ratio Lower Upper

240 100

120 31.0 13.5 20.3

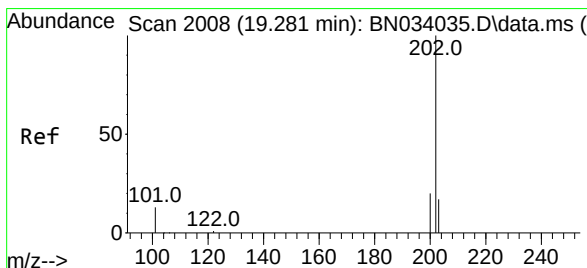
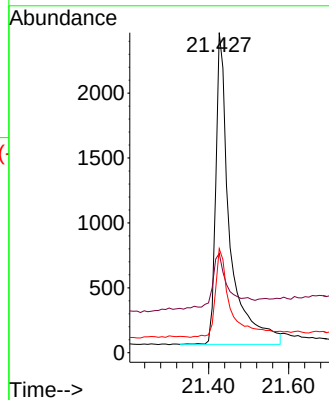
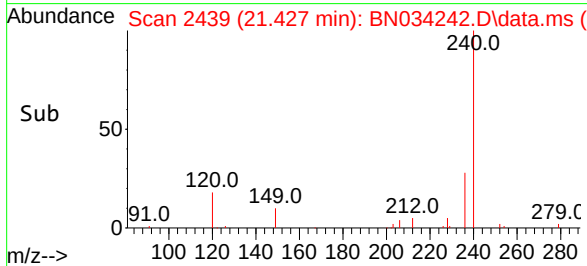
236 32.5 23.4 35.0

Manual Integrations

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Reviewed By :Yogesh Patel 09/26/2024

Supervised By :mohammad ahmed 09/26/2024



#30

Pyrene

Concen: 0.031 ng

RT: 19.672 min Scan# 2105

Delta R.T. -0.012 min

Lab File: BN034242.D

Acq: 26 Sep 2024 01:36

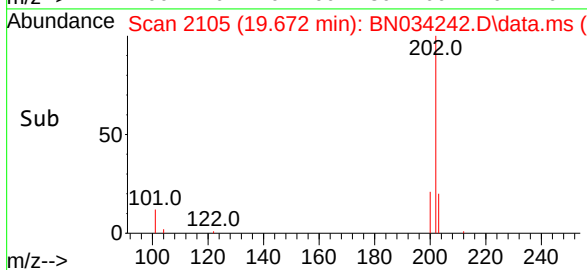
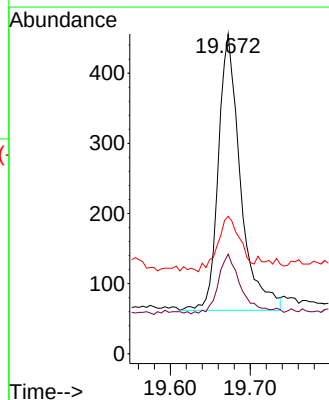
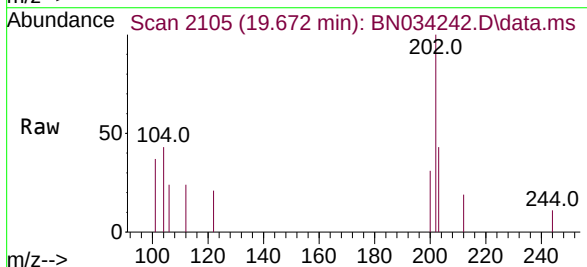
Tgt Ion:202 Resp: 758

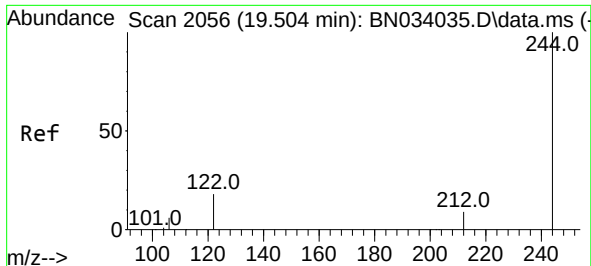
Ion Ratio Lower Upper

202 100

200 22.7 16.6 25.0

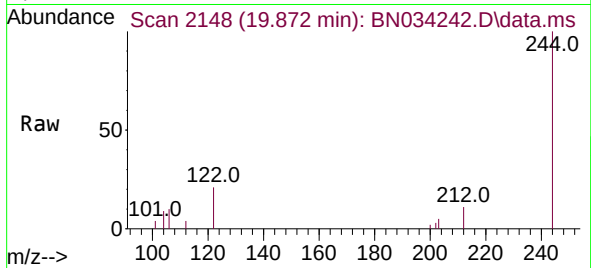
203 20.6 14.3 21.5





#31
 Terphenyl-d14
 Concen: 0.476 ng
 RT: 19.872 min Scan# 2148
 Delta R.T. -0.016 min
 Lab File: BN034242.D
 Acq: 26 Sep 2024 01:36

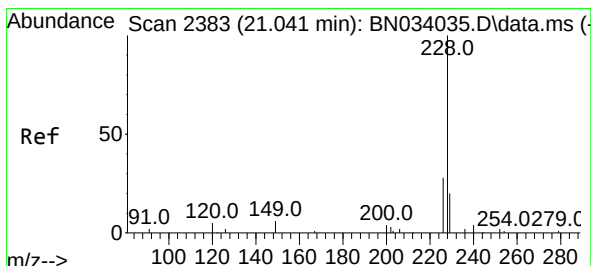
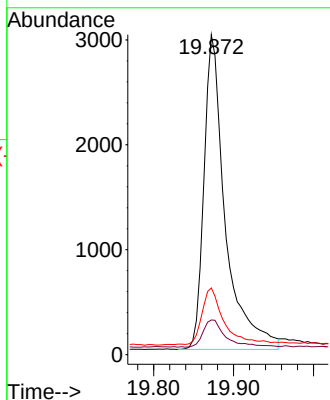
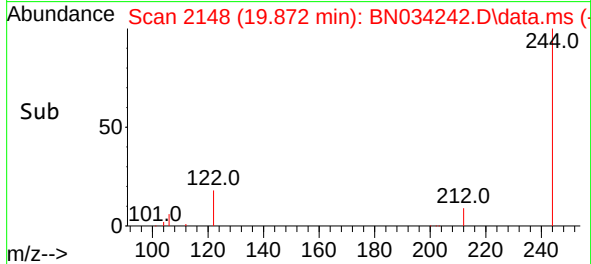
Instrument :
 BNA_N
 ClientSampleId :
 DUP06-20240919



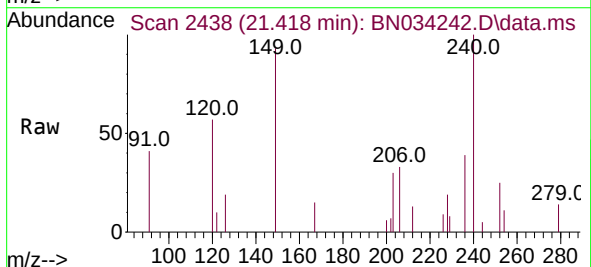
Tgt Ion:244 Resp: 556
 Ion Ratio Lower Upper
 244 100
 212 10.9 7.8 11.6
 122 20.8 14.8 22.2

Manual Integrations
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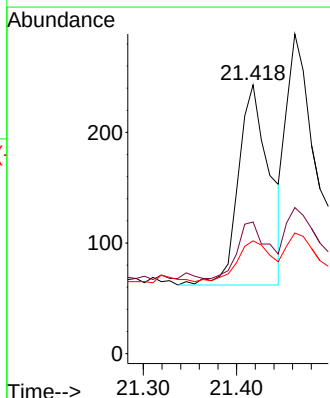
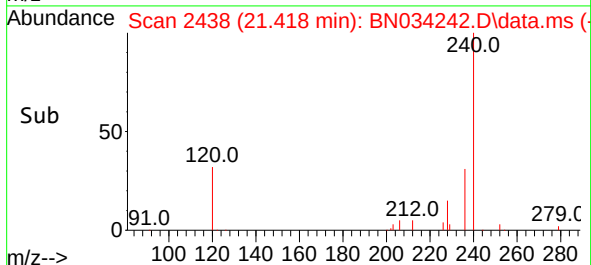
Reviewed By :Yogesh Patel 09/26/2024
 Supervised By :mohammad ahmed 09/26/2024

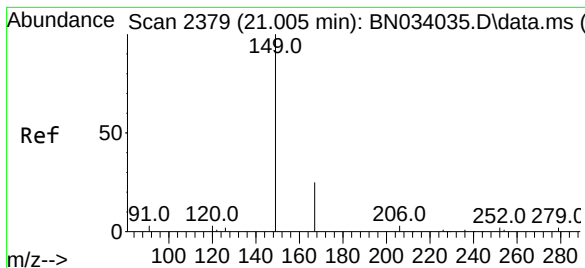


#32
 Benzo(a)anthracene
 Concen: 0.023 ng
 RT: 21.418 min Scan# 2438
 Delta R.T. -0.002 min
 Lab File: BN034242.D
 Acq: 26 Sep 2024 01:36



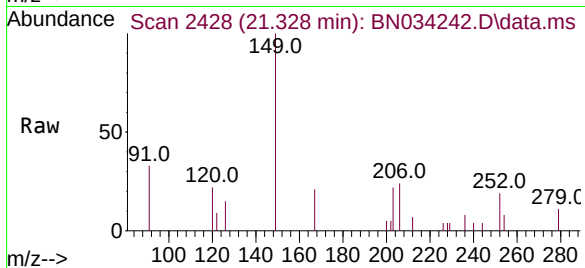
Tgt Ion:228 Resp: 419
 Ion Ratio Lower Upper
 228 100
 226 49.0 22.3 33.5#
 229 42.0 15.7 23.5#





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.114 ng
RT: 21.328 min Scan# 2428
Delta R.T. -0.011 min
Lab File: BN034242.D
Acq: 26 Sep 2024 01:36

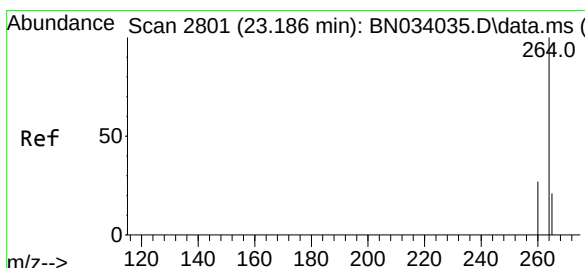
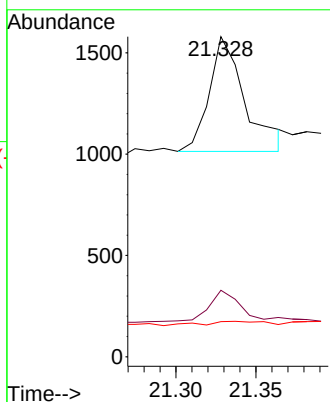
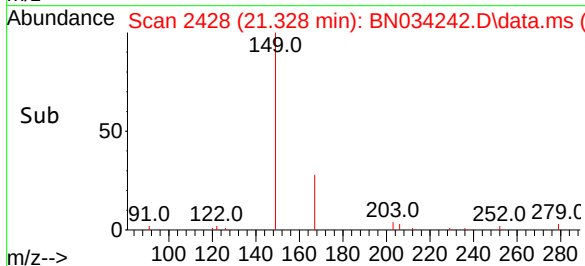
Instrument :
BNA_N
ClientSampleId :
DUP06-20240919



Tgt Ion:149 Resp: 879
Ion Ratio Lower Upper
149 100
167 22.4 19.9 29.9
279 6.4 4.6 6.8

Manual Integrations
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Reviewed By :Yogesh Patel 09/26/2024
Supervised By :mohammad ahmed 09/26/2024



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.751 min Scan# 3007
Delta R.T. -0.017 min
Lab File: BN034242.D
Acq: 26 Sep 2024 01:36

Tgt Ion:264 Resp: 5049
Ion Ratio Lower Upper
264 100
260 28.6 21.7 32.5
265 274.2 52.1 78.1#

