

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092524\
 Data File : BN034235.D
 Acq On : 25 Sep 2024 21:22
 Operator : RC/JU
 Sample : P4164-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE134D3-20240919

Manual Integrations
 APPROVED

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

Quant Time: Sep 26 04:31:08 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	7.907	152	4174m	0.400	ng	-0.06
7) Naphthalene-d8	10.671	136	10433	0.400	ng	#-0.07
13) Acenaphthene-d10	14.475	164	5460	0.400	ng	-0.07
19) Phenanthrene-d10	17.213	188	10513	0.400	ng	#-0.07
29) Chrysene-d12	21.391	240	5967	0.400	ng	#-0.05
35) Perylene-d12	23.684	264	4928	0.400	ng	#-0.08
System Monitoring Compounds						
4) 2-Fluorophenol	5.509	112	796	0.067	ng	-0.06
5) Phenol-d6	7.084	99	373	0.027	ng	-0.06
8) Nitrobenzene-d5	9.059	82	1763	0.221	ng	-0.06
11) 2-Methylnaphthalene-d10	12.249	152	3426	0.222	ng	-0.08
14) 2,4,6-Tribromophenol	15.971	330	86	0.035	ng	-0.06
15) 2-Fluorobiphenyl	13.117	172	5268	0.237	ng	-0.07
27) Fluoranthene-d10	19.236	212	7494	0.283	ng	-0.06
31) Terphenyl-d14	19.831	244	4925	0.413	ng	-0.06
Target Compounds						Qvalue
2) 1,4-Dioxane	3.458	88	29754	5.702	ng	# 89
34) Bis(2-ethylhexyl)phtha...	21.292	149	1124	0.143	ng	# 95

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

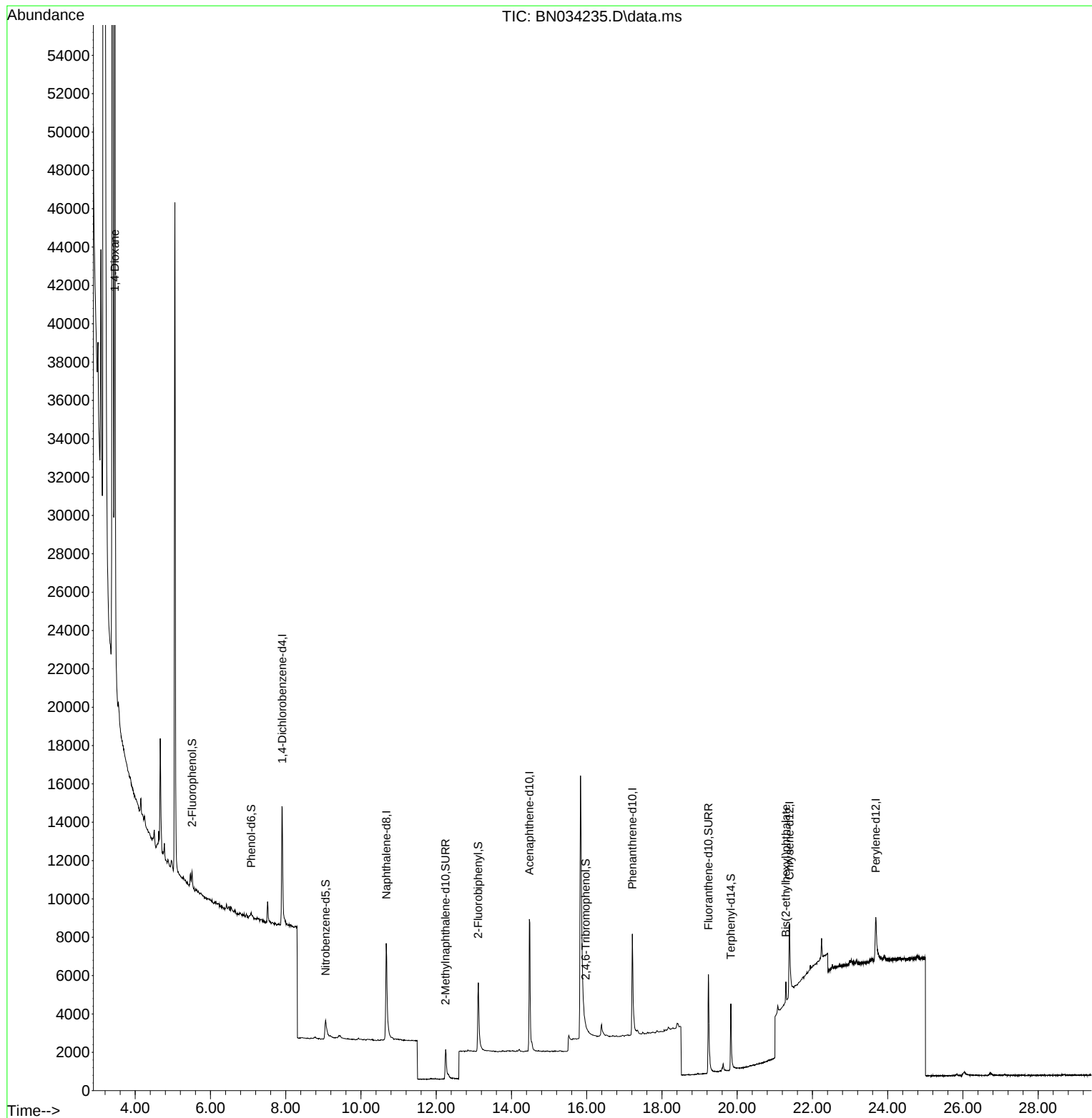
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092524\
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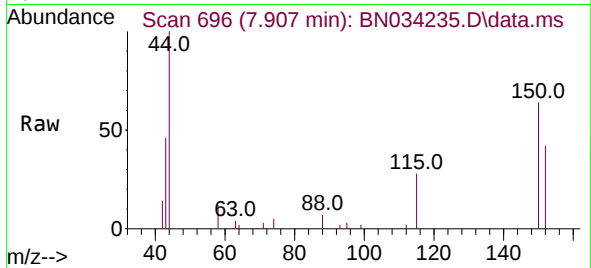
Reviewed By :Yogesh Patel 09/26/2024
Supervised By :mohammad ahmed 09/26/2024





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng m
 RT: 7.907 min Scan# 61
 Delta R.T. -0.065 min
 Lab File: BN034235.D
 Acq: 25 Sep 2024 21:22

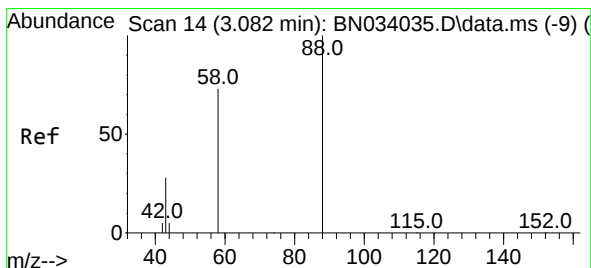
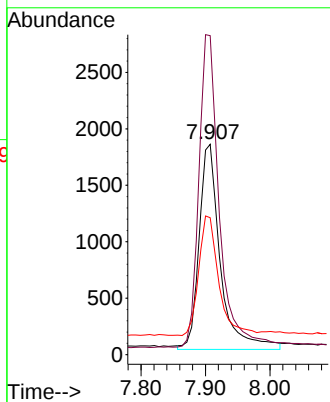
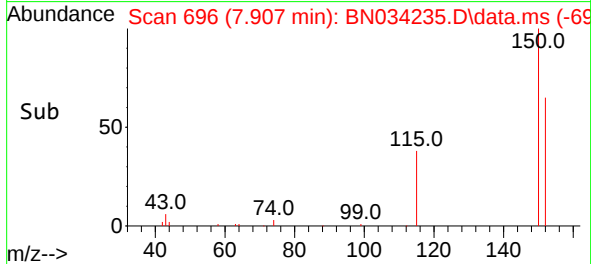
Instrument :
 BNA_N
 ClientSampleId :
 RE134D3-20240919



Tgt Ion: 152 Resp: 4174
 Ion Ratio Lower Upper
 152 100
 150 151.6 124.6 187.0
 115 65.1 50.0 75.0

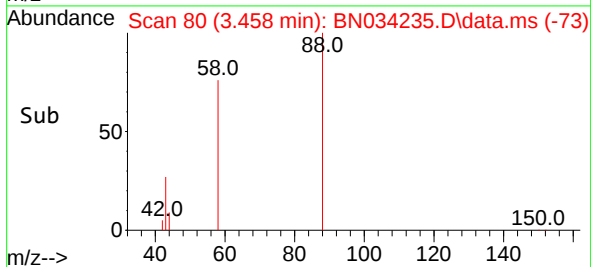
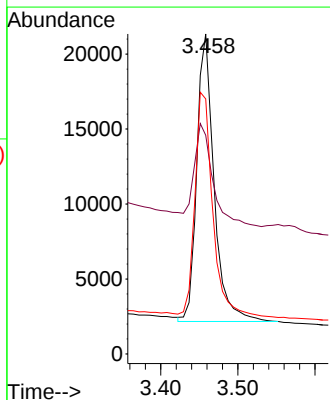
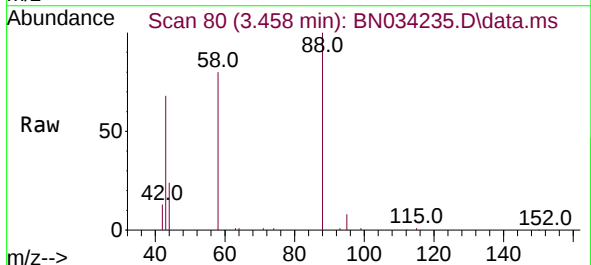
Manual Integrations
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 Supervised By :mohammad ahmed 09/26/2024



#2
 1,4-Dioxane
 Concen: 5.702 ng
 RT: 3.458 min Scan# 80
 Delta R.T. -0.050 min
 Lab File: BN034235.D
 Acq: 25 Sep 2024 21:22

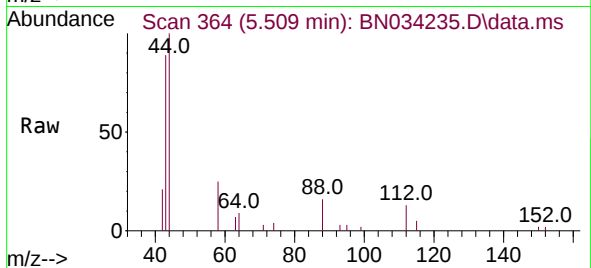
Tgt Ion: 88 Resp: 29754
 Ion Ratio Lower Upper
 88 100
 43 39.2 25.8 38.8#
 58 82.0 58.8 88.2





#4
2-Fluorophenol
Concen: 0.067 ng
RT: 5.509 min Scan# 30
Delta R.T. -0.065 min
Lab File: BN034235.D
Acq: 25 Sep 2024 21:22

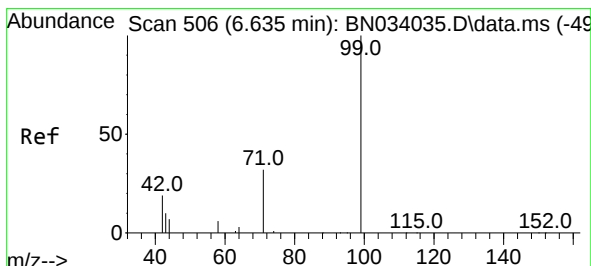
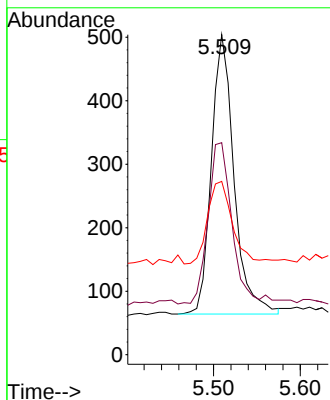
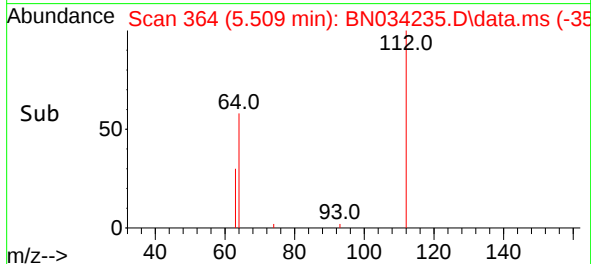
Instrument :
BNA_N
ClientSampleId :
RE134D3-20240919



Tgt Ion:112 Resp: 790
Ion Ratio Lower Upper
112 100
64 62.2 48.6 72.8
63 33.9 25.6 38.4

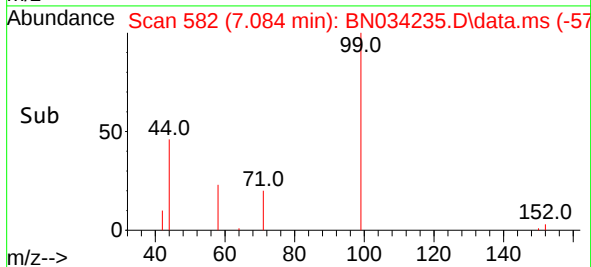
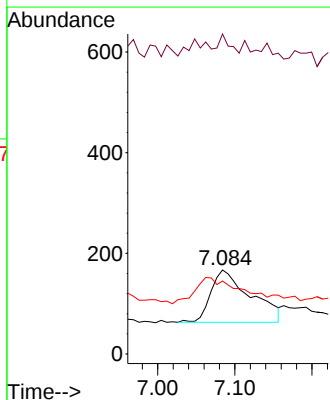
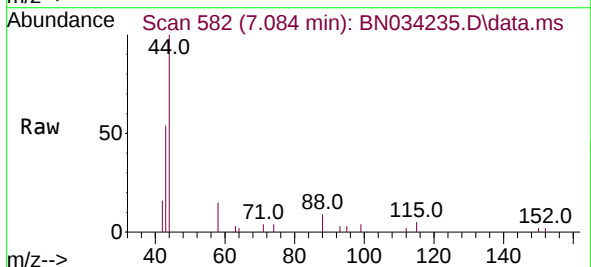
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Supervised By :mohammad ahmed 09/26/2024



#5
Phenol-d6
Concen: 0.027 ng
RT: 7.084 min Scan# 582
Delta R.T. -0.065 min
Lab File: BN034235.D
Acq: 25 Sep 2024 21:22

Tgt Ion: 99 Resp: 373
Ion Ratio Lower Upper
99 100
42 13.7 17.8 26.8#
71 0.0 26.2 39.2#





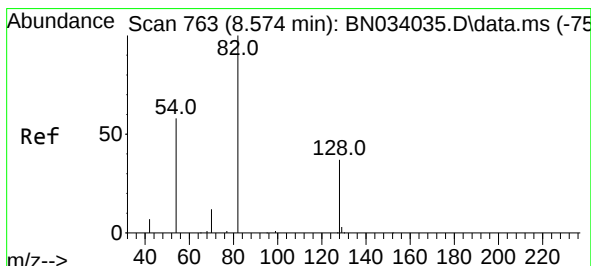
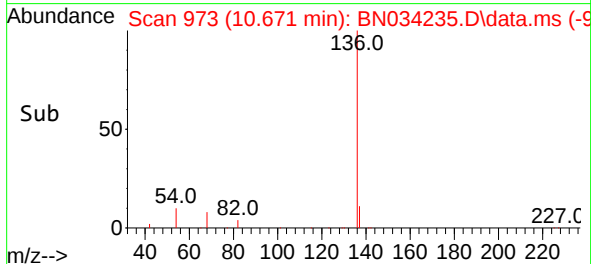
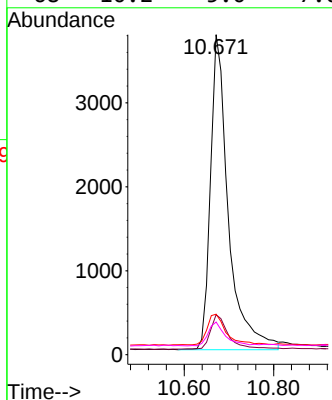
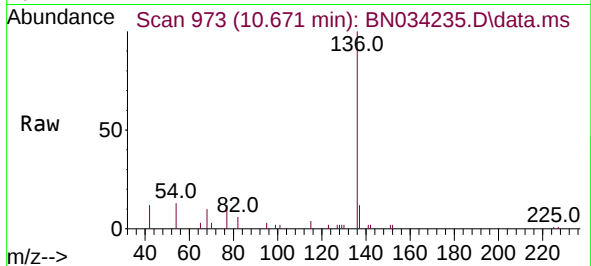
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.671 min Scan# 915
Delta R.T. -0.075 min
Lab File: BN034235.D
Acq: 25 Sep 2024 21:22

Instrument :
BNA_N
ClientSampleId :
RE134D3-20240919

Tgt Ion:136 Resp: 1043
Ion Ratio Lower Upper
136 100
137 12.5 9.0 13.6
54 12.6 6.8 10.2
68 10.2 5.0 7.6#

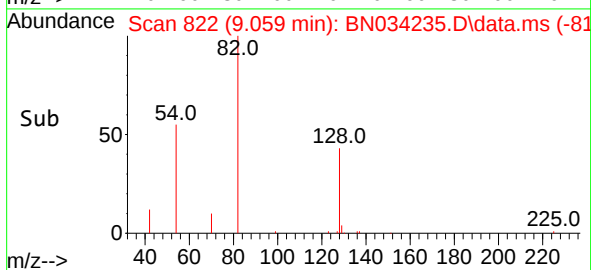
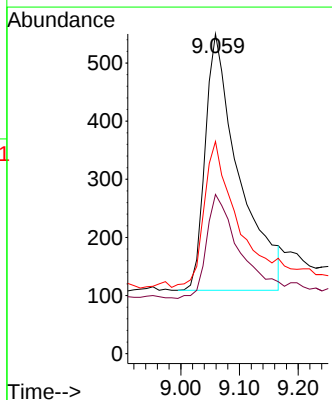
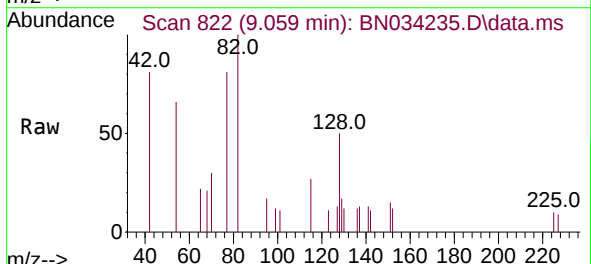
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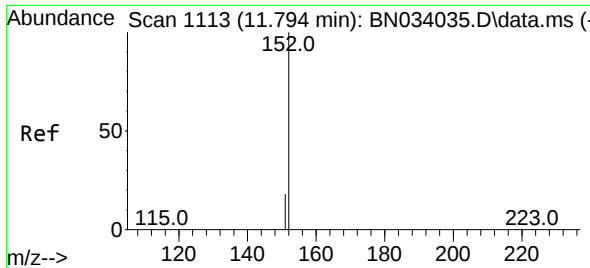
Reviewed By :Yogesh Patel 09/26/2024
Supervised By :mohammad ahmed 09/26/2024



#8
Nitrobenzene-d5
Concen: 0.221 ng
RT: 9.059 min Scan# 822
Delta R.T. -0.064 min
Lab File: BN034235.D
Acq: 25 Sep 2024 21:22

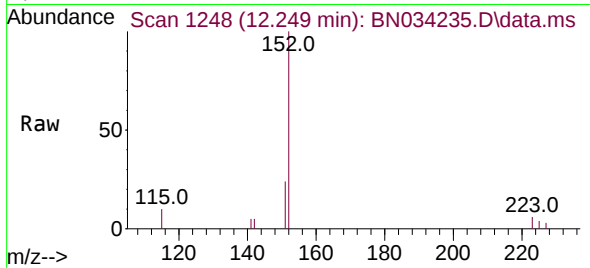
Tgt Ion: 82 Resp: 1763
Ion Ratio Lower Upper
82 100
128 49.8 31.4 47.2#
54 66.4 47.4 71.0





#11
2-Methylnaphthalene-d10
Concen: 0.222 ng
RT: 12.249 min Scan# 1517
Delta R.T. -0.076 min
Lab File: BN034235.D
Acq: 25 Sep 2024 21:22

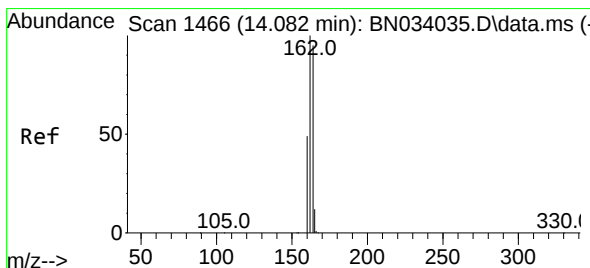
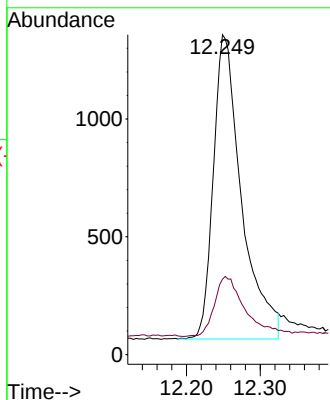
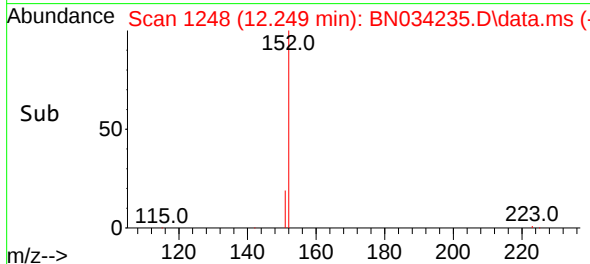
Instrument :
BNA_N
ClientSampleId :
RE134D3-20240919



Tgt Ion:152 Resp: 3420
Ion Ratio Lower Upper
152 100
151 21.1 16.8 25.2

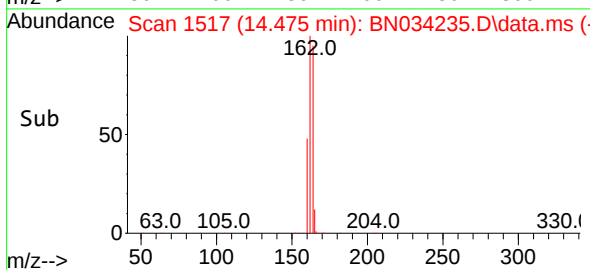
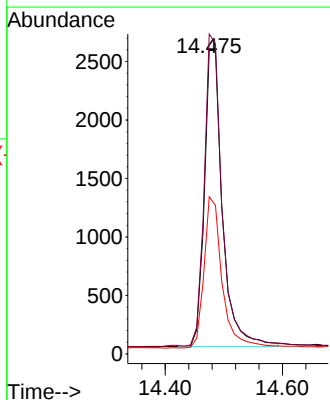
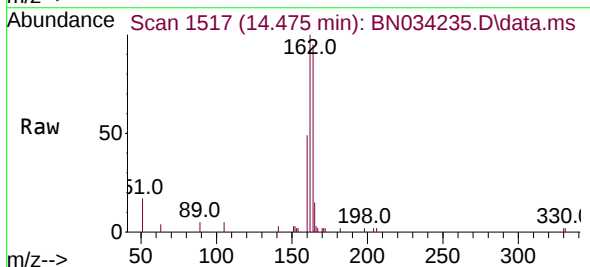
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Supervised By :mohammad ahmed 09/26/2024



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.475 min Scan# 1517
Delta R.T. -0.068 min
Lab File: BN034235.D
Acq: 25 Sep 2024 21:22

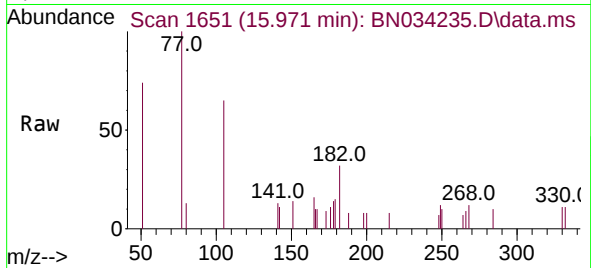
Tgt Ion:164 Resp: 5460
Ion Ratio Lower Upper
164 100
162 105.4 84.2 126.2
160 51.8 41.7 62.5





#14
2,4,6-Tribromophenol
Concen: 0.035 ng
RT: 15.971 min Scan# 11
Delta R.T. -0.055 min
Lab File: BN034235.D
Acq: 25 Sep 2024 21:22

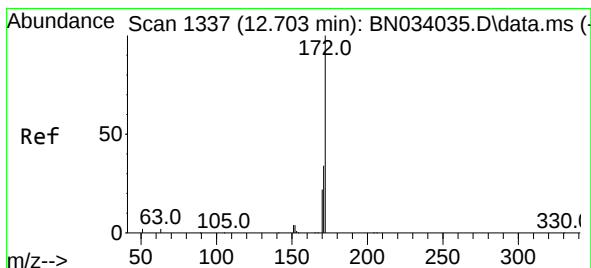
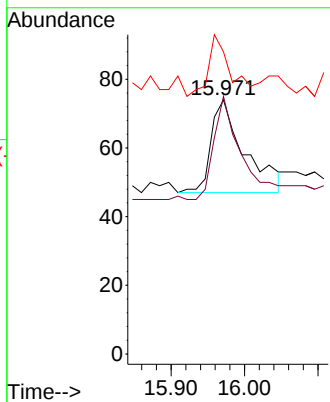
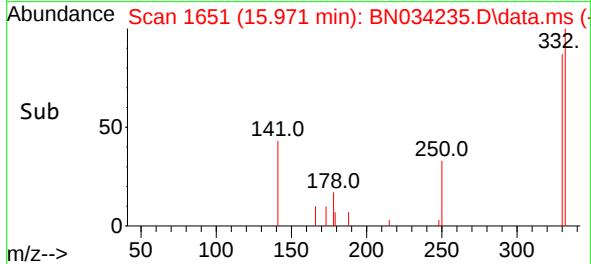
Instrument :
BNA_N
ClientSampleId :
RE134D3-20240919



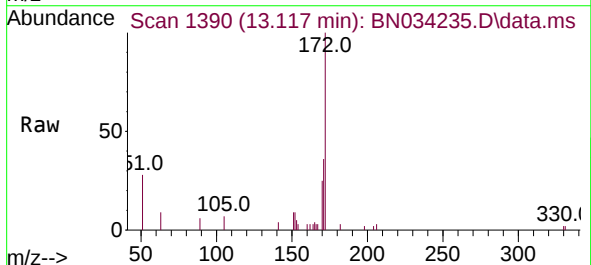
Tgt Ion:330 Resp: 80
Ion Ratio Lower Upper
330 100
332 91.9 77.4 116.0
141 41.9 35.9 53.9

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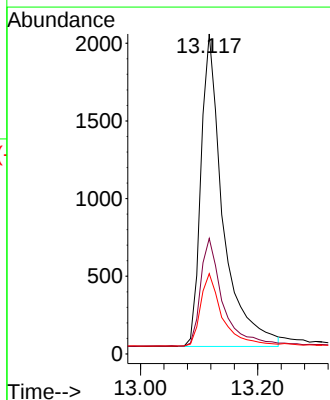
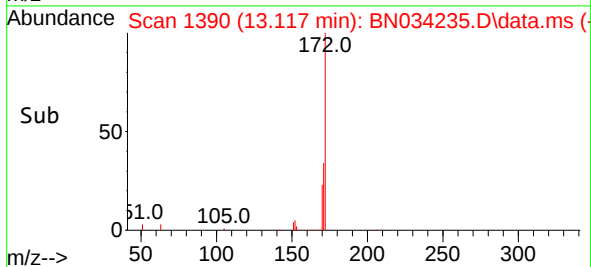
Reviewed By :Yogesh Patel 09/26/2024
Supervised By :mohammad ahmed 09/26/2024

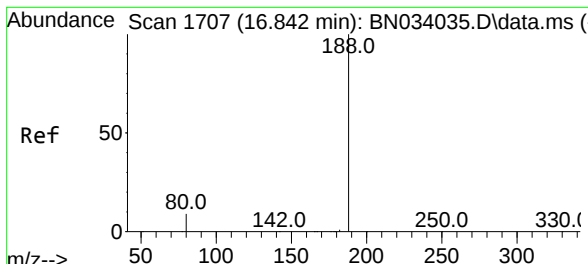


#15
2-Fluorobiphenyl
Concen: 0.237 ng
RT: 13.117 min Scan# 1390
Delta R.T. -0.068 min
Lab File: BN034235.D
Acq: 25 Sep 2024 21:22



Tgt Ion:172 Resp: 5268
Ion Ratio Lower Upper
172 100
171 36.1 27.3 40.9
170 25.1 18.1 27.1





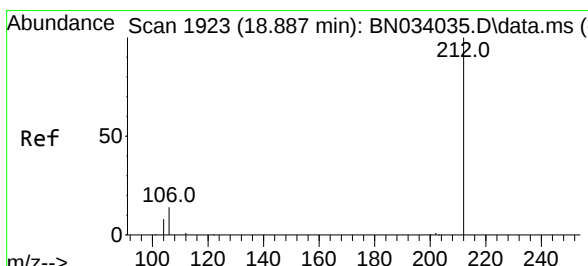
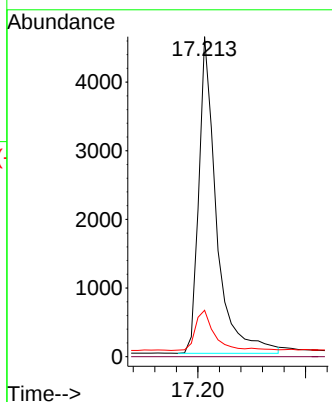
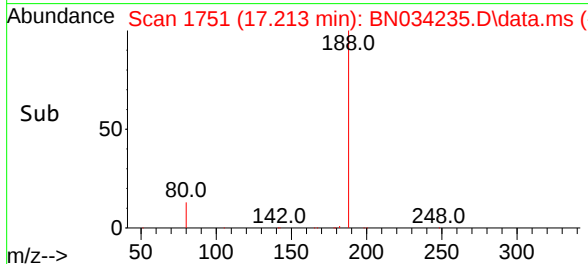
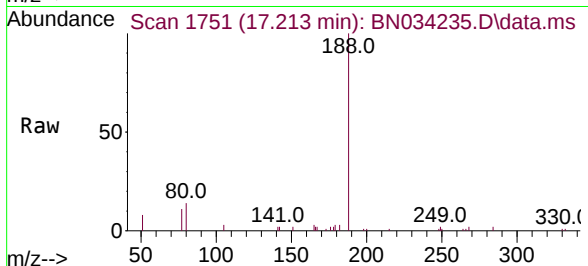
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 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.213 min Scan# 11
 Delta R.T. -0.067 min
 Lab File: BN034235.D
 Acq: 25 Sep 2024 21:22

Instrument : BNA_N
 ClientSampleId : RE134D3-20240919

Tgt Ion:	188	Resp:	1051
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	14.5	7.4	11.0

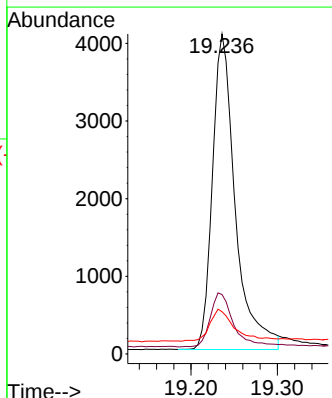
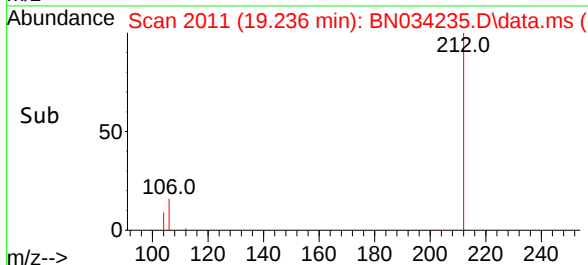
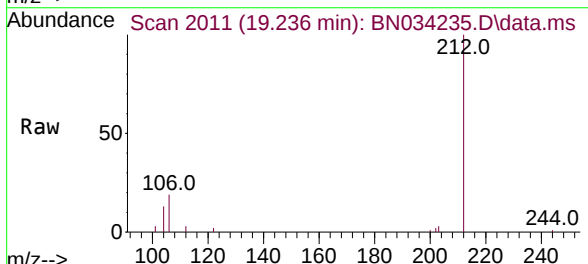
Manual Integrations
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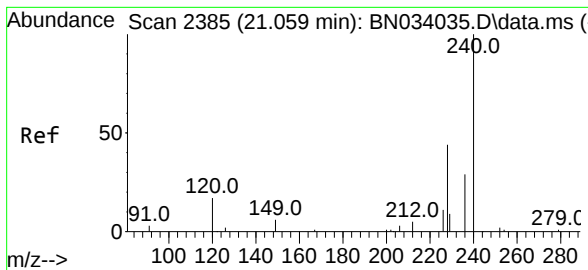
Reviewed By :Yogesh Patel 09/26/2024
 Supervised By :mohammad ahmed 09/26/2024



#27
 Fluoranthene-d10
 Concen: 0.283 ng
 RT: 19.236 min Scan# 2011
 Delta R.T. -0.058 min
 Lab File: BN034235.D
 Acq: 25 Sep 2024 21:22

Tgt Ion:	212	Resp:	7494
Ion Ratio	Lower	Upper	
212	100		
106	17.4	13.4	20.2
104	11.1	7.8	11.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.391 min Scan# 2435

Delta R.T. -0.047 min

Lab File: BN034235.D

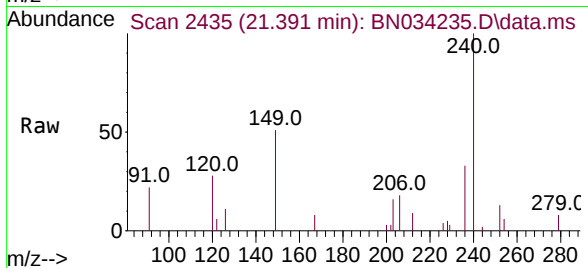
Acq: 25 Sep 2024 21:22

Instrument :

BNA_N

ClientSampleId :

RE134D3-20240919



Tgt Ion:240 Resp: 596

Ion Ratio Lower Upper

240 100

120 28.2 13.5 20.3

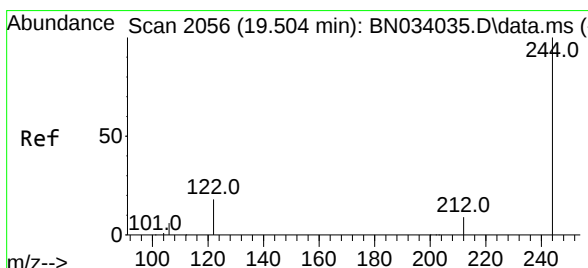
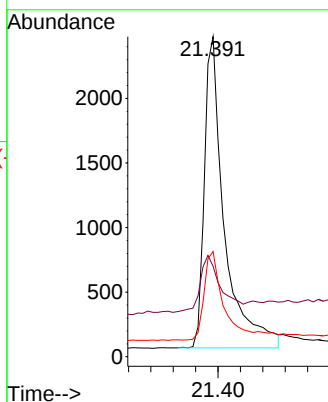
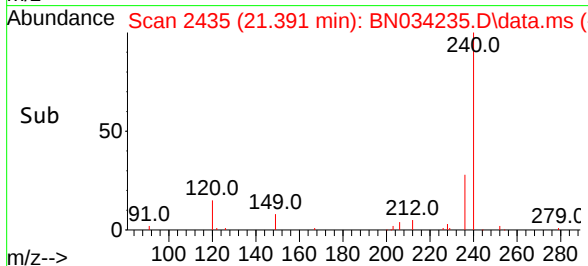
236 32.8 23.4 35.0

Manual Integrations

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Reviewed By :Yogesh Patel 09/26/2024

Supervised By :mohammad ahmed 09/26/2024



#31

Terphenyl-d14

Concen: 0.413 ng

RT: 19.831 min Scan# 2139

Delta R.T. -0.058 min

Lab File: BN034235.D

Acq: 25 Sep 2024 21:22

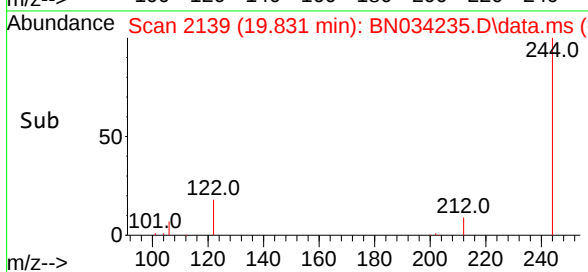
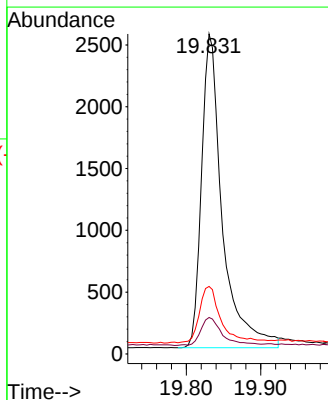
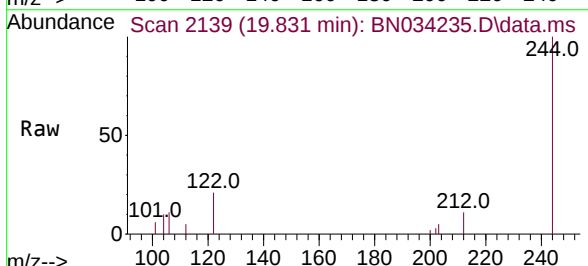
Tgt Ion:244 Resp: 4925

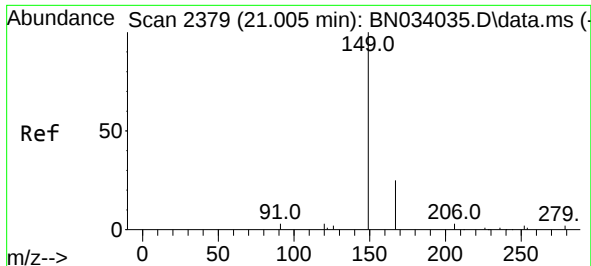
Ion Ratio Lower Upper

244 100

212 11.4 7.8 11.6

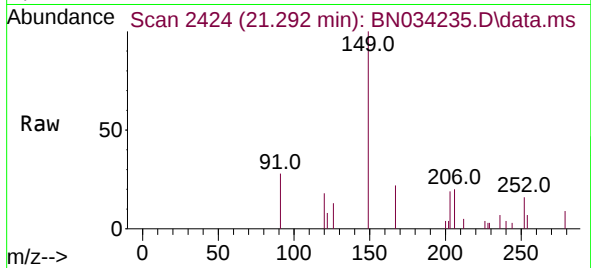
122 21.1 14.8 22.2





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.143 ng
RT: 21.292 min Scan# 2424
Delta R.T. -0.047 min
Lab File: BN034235.D
Acq: 25 Sep 2024 21:22

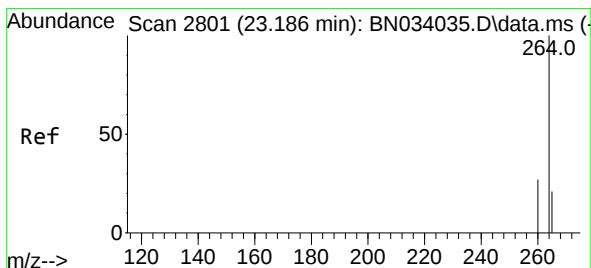
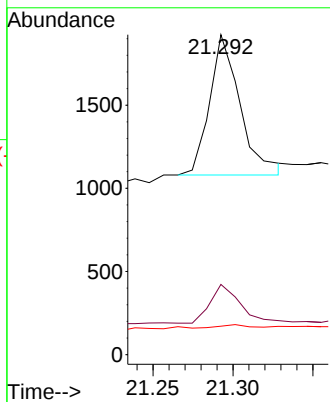
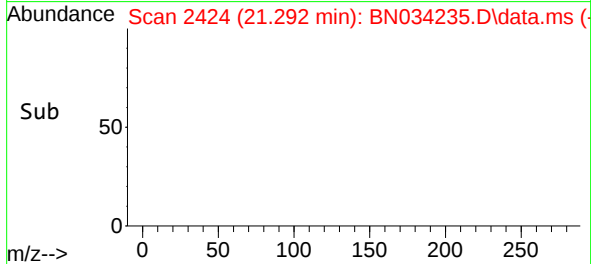
Instrument :
BNA_N
ClientSampleId :
RE134D3-20240919



Tgt Ion:149 Resp: 1124
Ion Ratio Lower Upper
149 100
167 27.1 19.9 29.9
279 3.9 4.6 6.8

Manual Integrations
APPROVED

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



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.684 min Scan# 2984
Delta R.T. -0.084 min
Lab File: BN034235.D
Acq: 25 Sep 2024 21:22

Tgt Ion:264 Resp: 4928
Ion Ratio Lower Upper
264 100
260 28.5 21.7 32.5
265 274.6 52.1 78.1

