

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041625\
 Data File : BM049951.D
 Acq On : 16 Apr 2025 14:07
 Operator : RC/JU
 Sample : Q1791-13
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 279312

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 04/17/2025
 Supervised By :Jagrut Upadhyay 04/17/2025

Quant Time: Apr 16 15:10:02 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 09 04:00:55 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	442547	20.000	ng	-0.01
21) Naphthalene-d8	10.563	136	1598019	20.000	ng	-0.01
39) Acenaphthene-d10	14.416	164	499258	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	1898266	20.000	ng	0.00
76) Chrysene-d12	21.397	240	815727	20.000	ng	0.00
86) Perylene-d12	24.409	264	27251	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	3180126	122.023	ng	0.00
7) Phenol-d6	6.951	99	2556860	78.853	ng	0.00
23) Nitrobenzene-d5	8.928	82	2695983	93.945	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	2326593	320.384	ng	0.00
45) 2-Fluorobiphenyl	13.033	172	7028313	190.893	ng	-0.01
79) Terphenyl-d14	19.786	244	8397312	192.920	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.257	88	78033m	7.270	ng	Qvalue

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

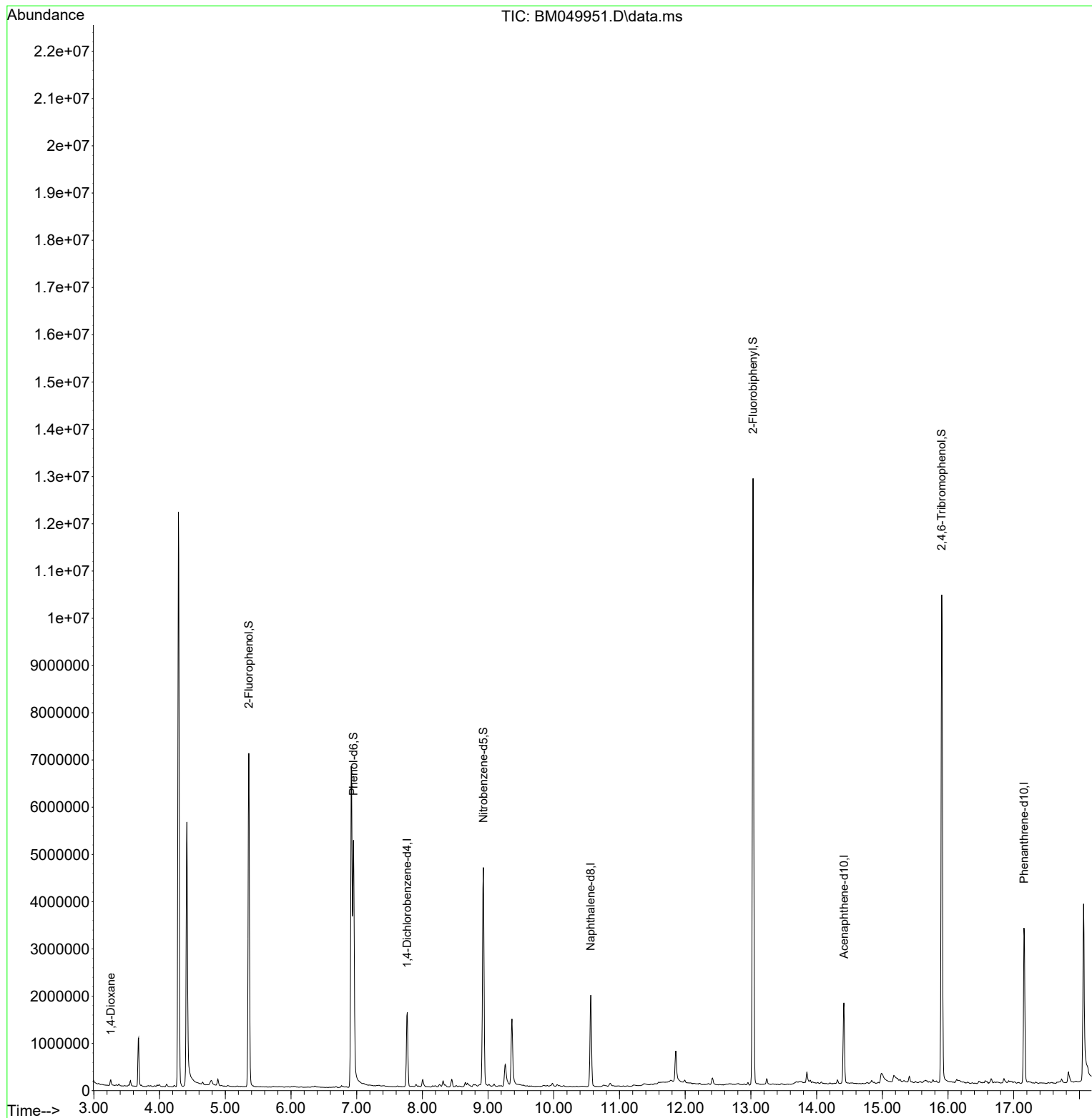
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041625\
Data File : BM049951.D
Acq On : 16 Apr 2025 14:07
Operator : RC/JU
Sample : Q1791-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
279312

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 04/17/2025
Supervised By :Jagrut Upadhyay 04/17/2025

Quant Time: Apr 16 15:10:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 09 04:00:55 2025
Response via : Initial Calibration



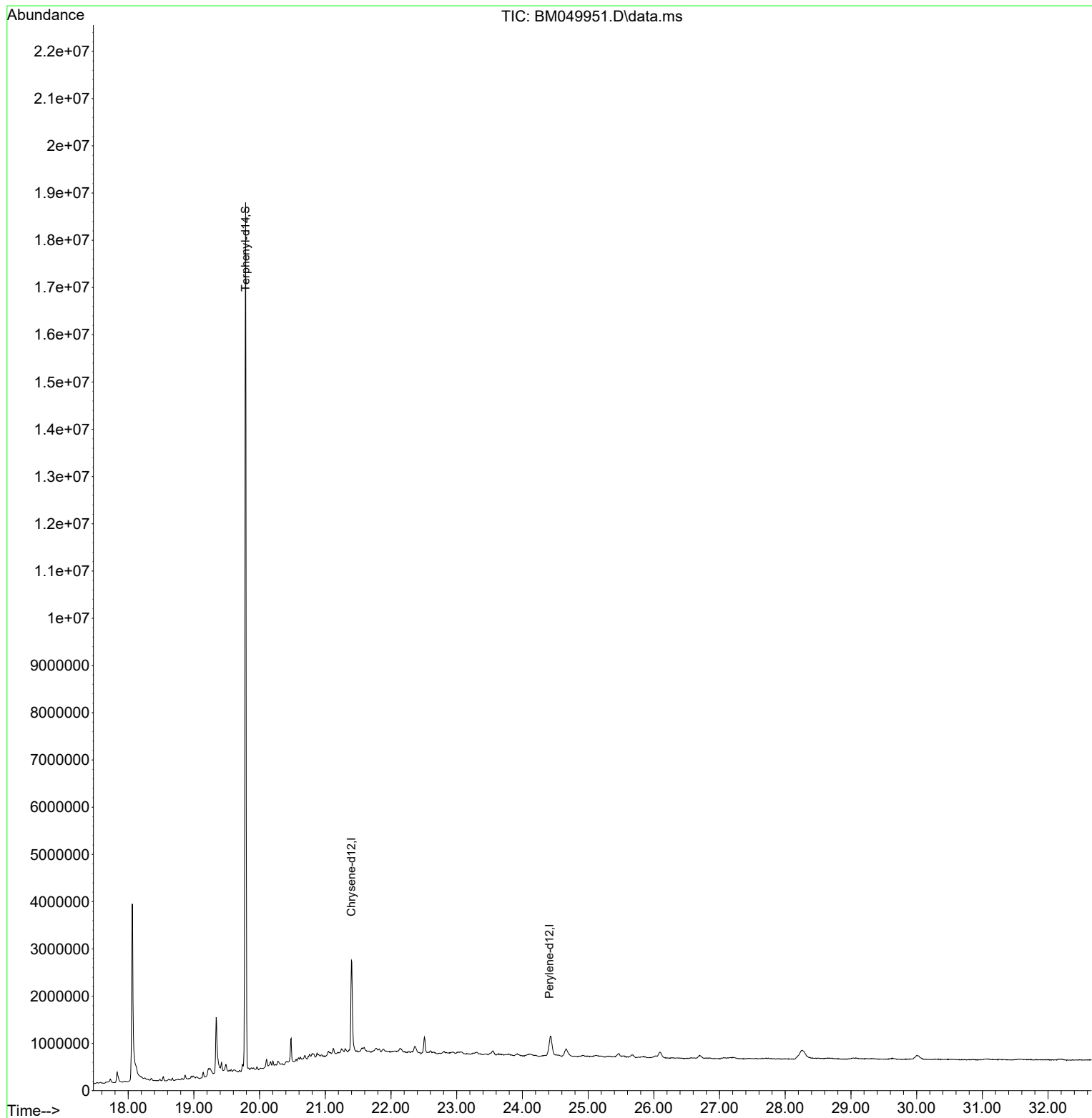
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041625\
Data File : BM049951.D
Acq On : 16 Apr 2025 14:07
Operator : RC/JU
Sample : Q1791-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

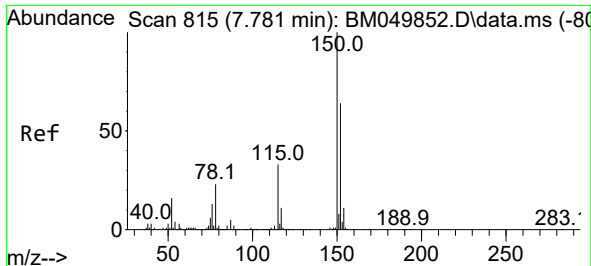
Instrument :
BNA_M
ClientSampleId :
279312

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 04/17/2025
Supervised By :Jagrut Upadhyay 04/17/2025

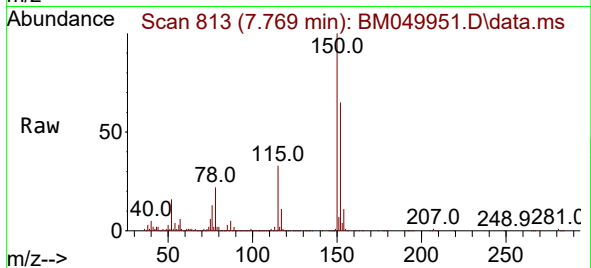
Quant Time: Apr 16 15:10:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 09 04:00:55 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 815
Delta R.T. -0.012 min
Lab File: BM049951.D
Acq: 16 Apr 2025 14:07

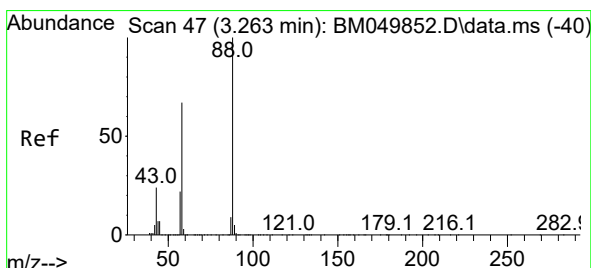
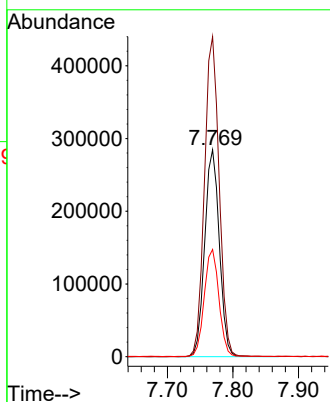
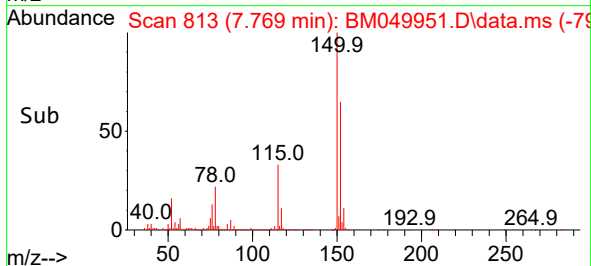
Instrument :
BNA_M
ClientSampleId :
279312



Tgt Ion:152 Resp: 44254
Ion Ratio Lower Upper
152 100
150 154.7 124.3 186.5
115 51.8 41.1 61.7

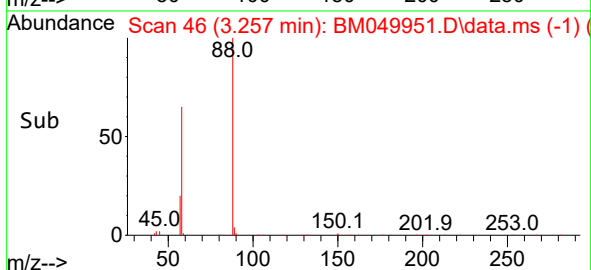
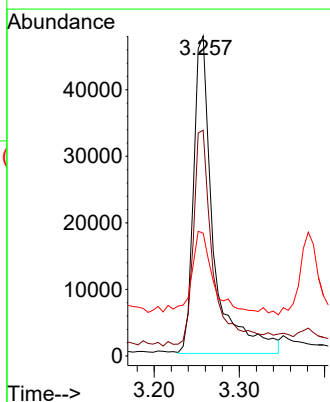
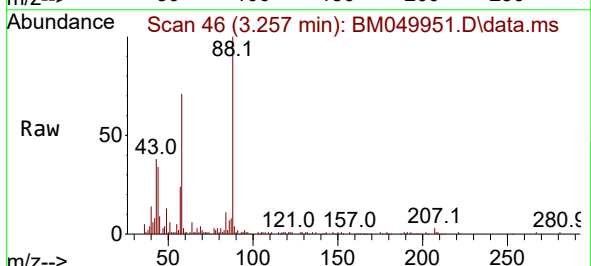
Manual Integrations
APPROVED

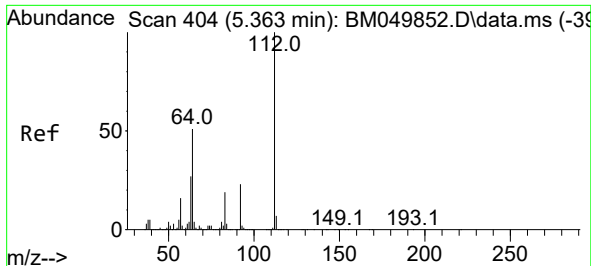
Reviewed By :Rahul Chavli 04/17/2025
Supervised By :Jagrut Upadhyay 04/17/2025



#2
1,4-Dioxane
Concen: 7.270 ng m
RT: 3.257 min Scan# 46
Delta R.T. -0.006 min
Lab File: BM049951.D
Acq: 16 Apr 2025 14:07

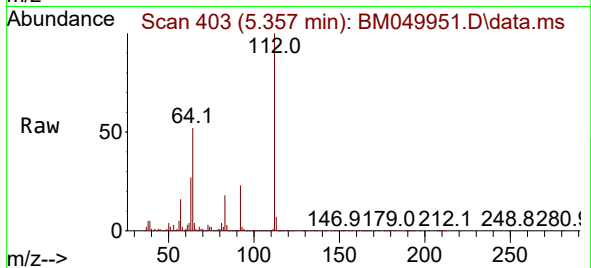
Tgt Ion: 88 Resp: 78033
Ion Ratio Lower Upper
88 100
58 67.5 54.1 81.1
43 25.8 20.2 30.4





#5
2-Fluorophenol
Concen: 122.023 ng
RT: 5.357 min Scan# 404
Delta R.T. -0.006 min
Lab File: BM049951.D
Acq: 16 Apr 2025 14:07

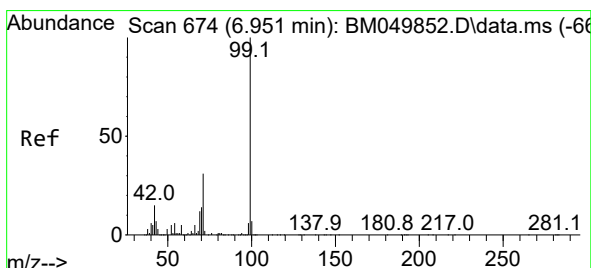
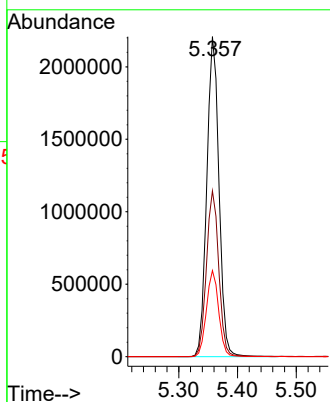
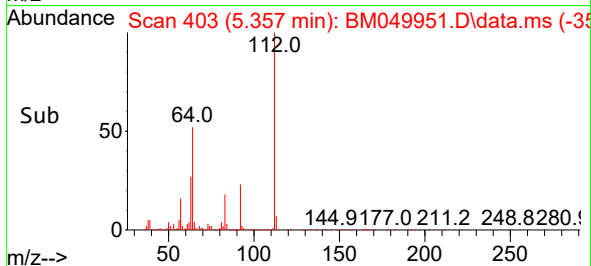
Instrument :
BNA_M
ClientSampleId :
279312



Tgt Ion:112 Resp: 3180120
Ion Ratio Lower Upper
112 100
64 51.8 41.0 61.6
63 26.9 21.5 32.3

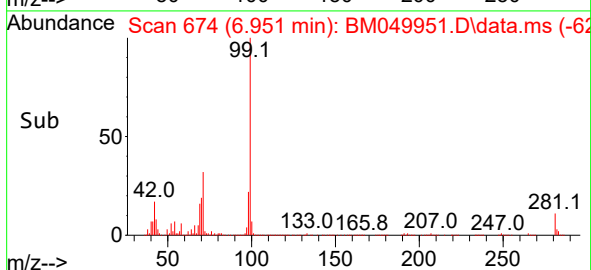
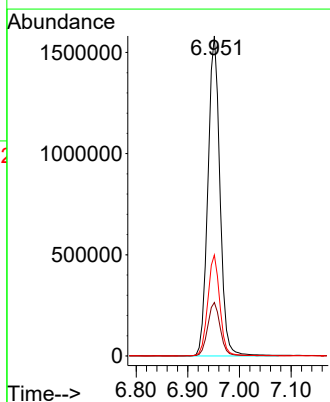
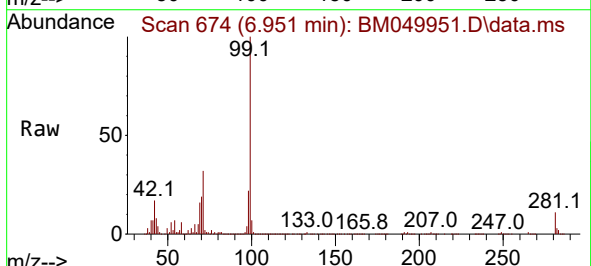
Manual Integrations
APPROVED

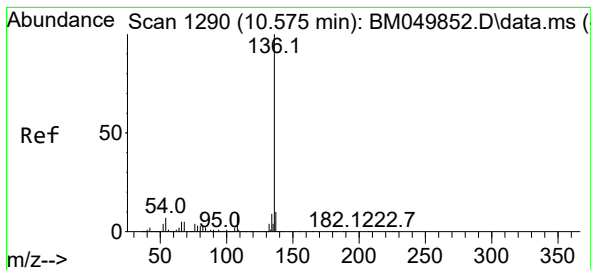
Reviewed By :Rahul Chavli 04/17/2025
Supervised By :Jagrut Upadhyay 04/17/2025



#7
Phenol-d6
Concen: 78.853 ng
RT: 6.951 min Scan# 674
Delta R.T. 0.000 min
Lab File: BM049951.D
Acq: 16 Apr 2025 14:07

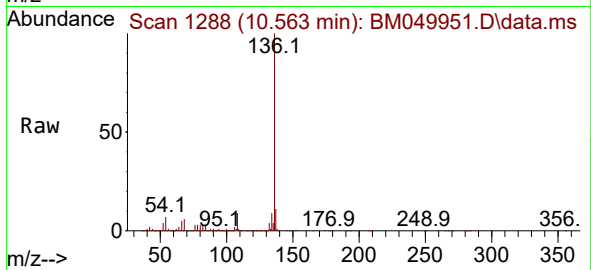
Tgt Ion: 99 Resp: 2556860
Ion Ratio Lower Upper
99 100
42 16.7 12.1 18.1
71 31.6 24.9 37.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 1010
Delta R.T. -0.012 min
Lab File: BM049951.D
Acq: 16 Apr 2025 14:07

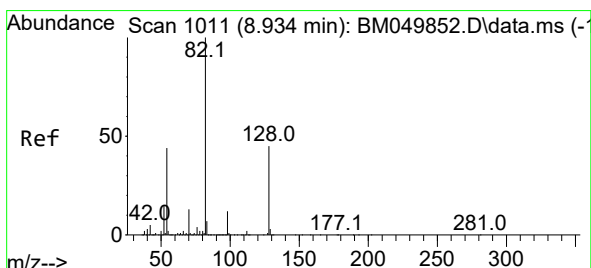
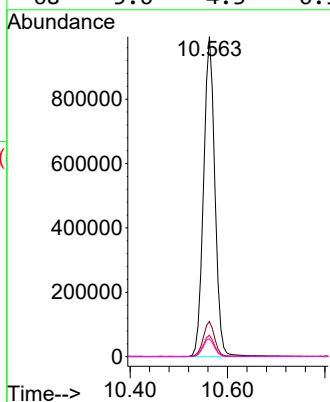
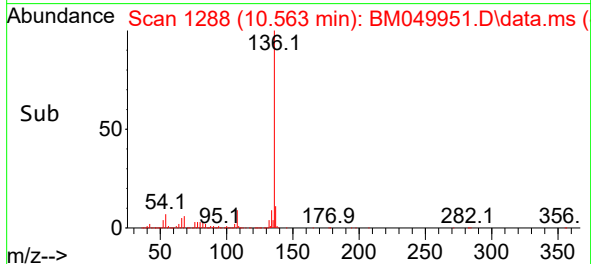
Instrument :
BNA_M
ClientSampleId :
279312



Tgt Ion:136 Resp: 1598019
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 6.7 5.3 7.9
68 5.6 4.3 6.5

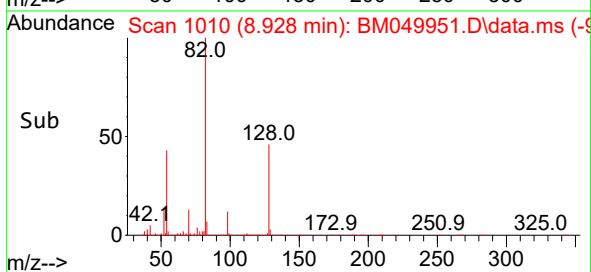
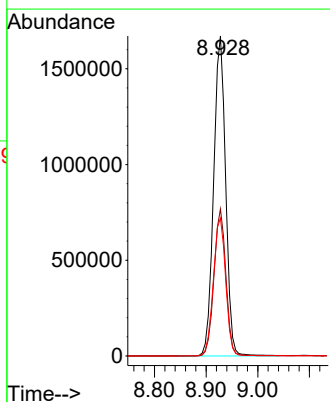
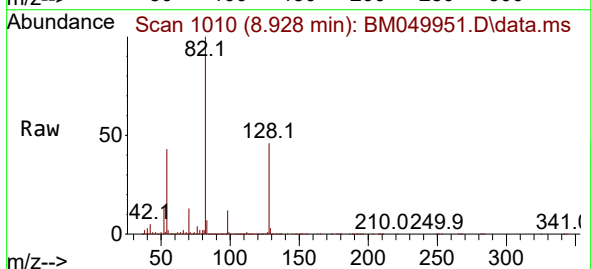
Manual Integrations
APPROVED

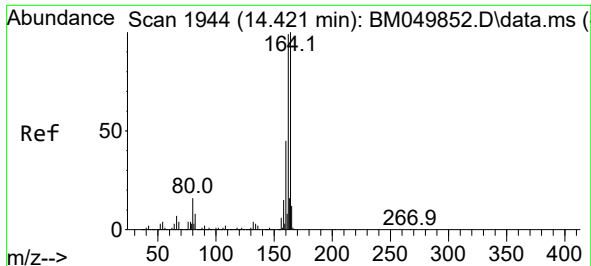
Reviewed By :Rahul Chavli 04/17/2025
Supervised By :Jagrut Upadhyay 04/17/2025



#23
Nitrobenzene-d5
Concen: 93.945 ng
RT: 8.928 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BM049951.D
Acq: 16 Apr 2025 14:07

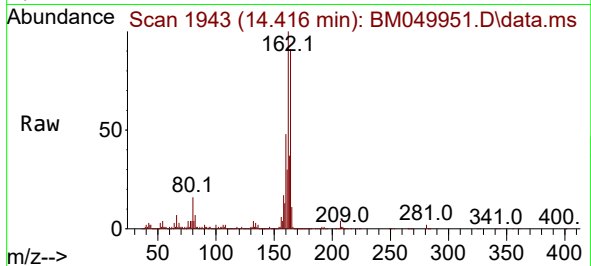
Tgt Ion: 82 Resp: 2695983
Ion Ratio Lower Upper
82 100
128 46.0 36.2 54.2
54 43.1 35.0 52.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.416 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BM049951.D
Acq: 16 Apr 2025 14:07

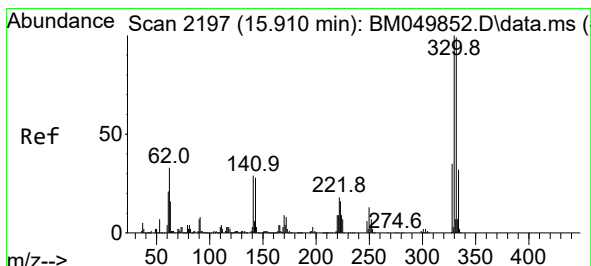
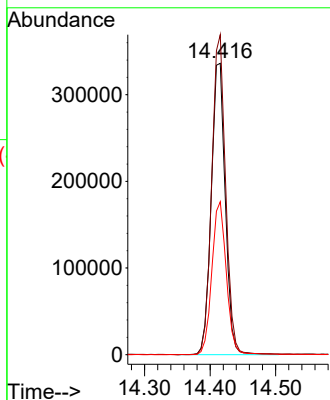
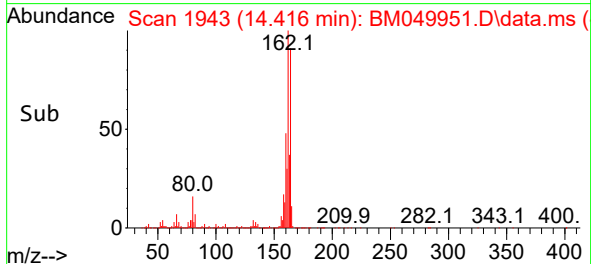
Instrument :
BNA_M
ClientSampleId :
279312



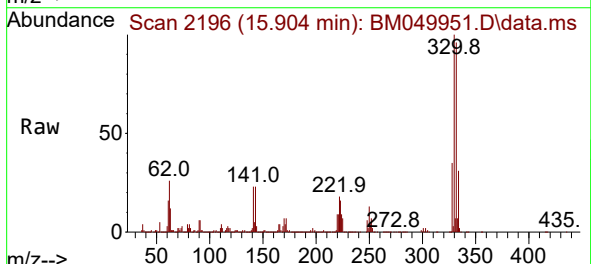
Tgt Ion:164 Resp: 499258
Ion Ratio Lower Upper
164 100
162 109.8 79.4 119.0
160 52.5 36.2 54.2

Manual Integrations
APPROVED

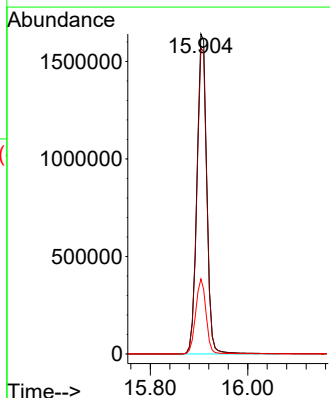
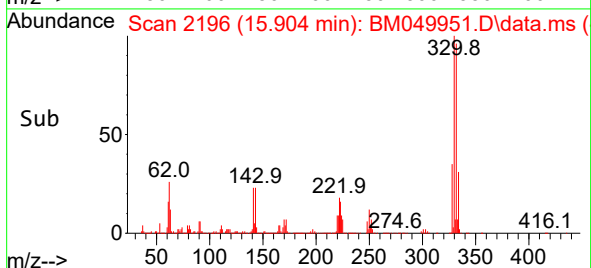
Reviewed By :Rahul Chavli 04/17/2025
Supervised By :Jagrut Upadhyay 04/17/2025

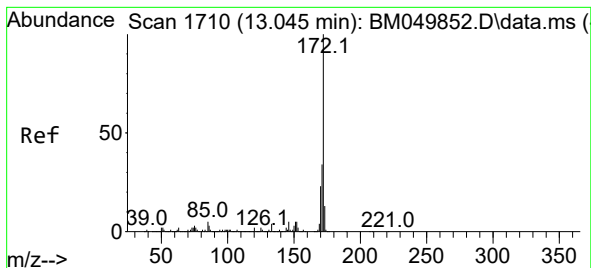


#42
2,4,6-Tribromophenol
Concen: 320.384 ng
RT: 15.904 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BM049951.D
Acq: 16 Apr 2025 14:07



Tgt Ion:330 Resp: 2326593
Ion Ratio Lower Upper
330 100
332 96.4 78.0 117.0
141 24.7 23.5 35.3





#45

2-Fluorobiphenyl

Concen: 190.893 ng

RT: 13.033 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM049951.D

Acq: 16 Apr 2025 14:07

Instrument :

BNA_M

ClientSampleId :

279312

Tgt Ion:172 Resp: 702831

Ion Ratio Lower Upper

172 100

171 34.8 27.4 41.2

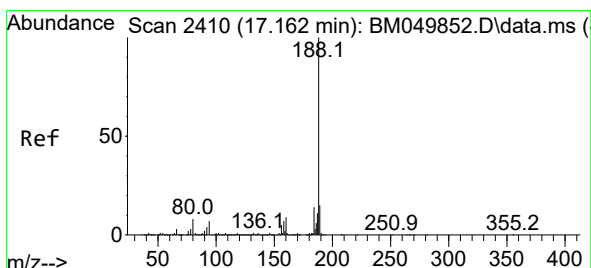
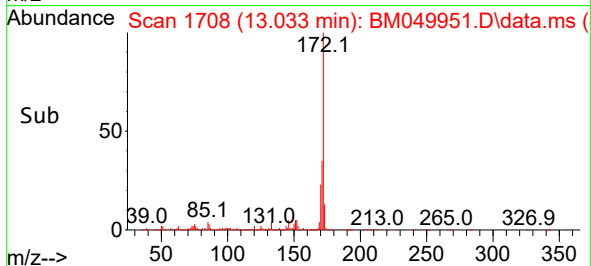
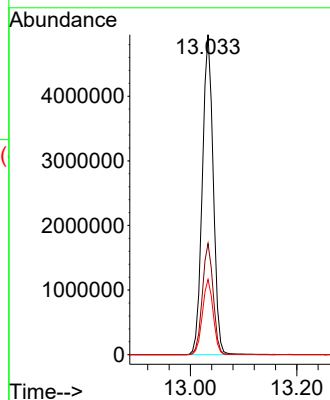
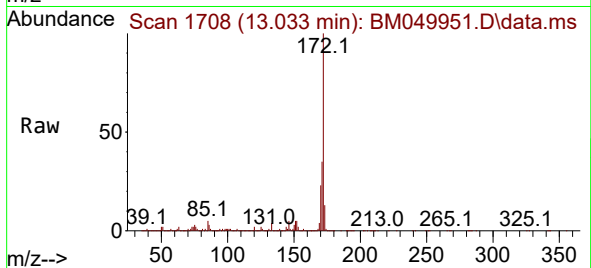
170 23.5 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/17/2025

Supervised By :Jagrut Upadhyay 04/17/2025



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.157 min Scan# 2409

Delta R.T. -0.006 min

Lab File: BM049951.D

Acq: 16 Apr 2025 14:07

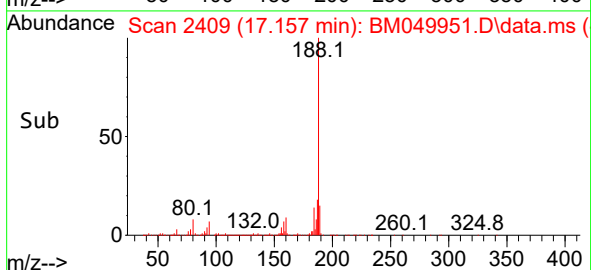
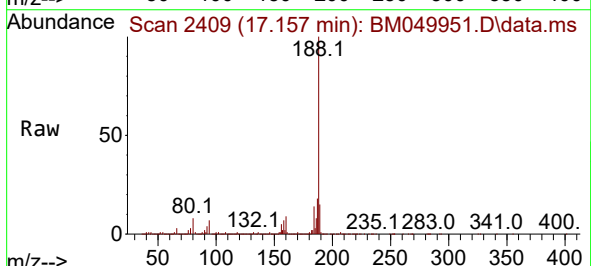
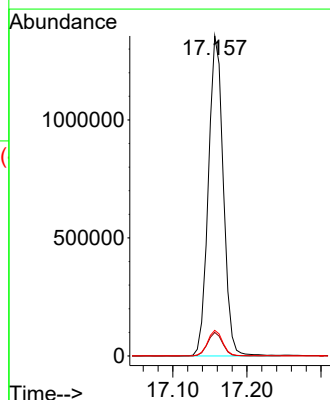
Tgt Ion:188 Resp: 1898266

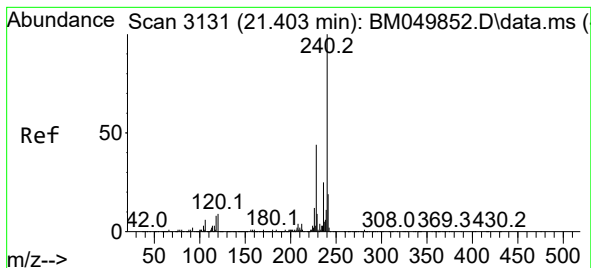
Ion Ratio Lower Upper

188 100

94 7.3 5.8 8.6

80 8.0 6.4 9.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.397 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM049951.D

Acq: 16 Apr 2025 14:07

Instrument :

BNA_M

ClientSampleId :

279312

Tgt Ion:240 Resp: 81572

Ion Ratio Lower Upper

240 100

120 9.3 6.9 10.3

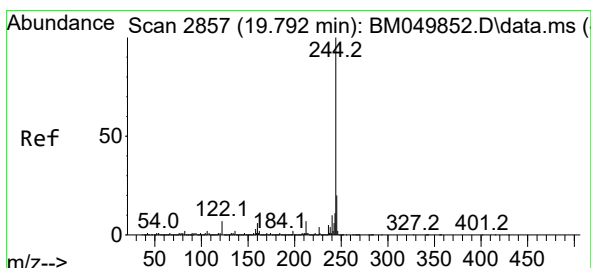
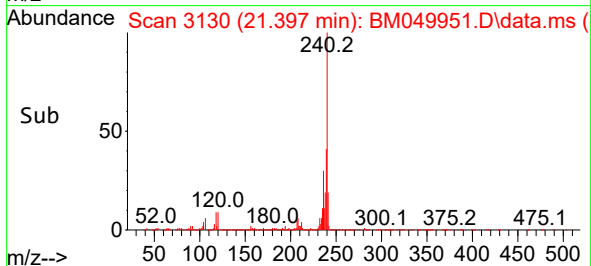
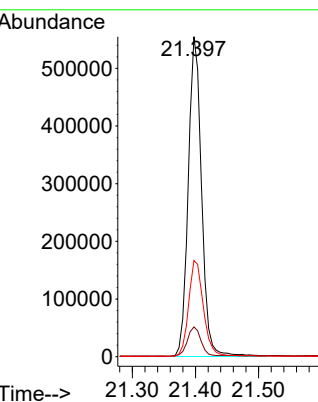
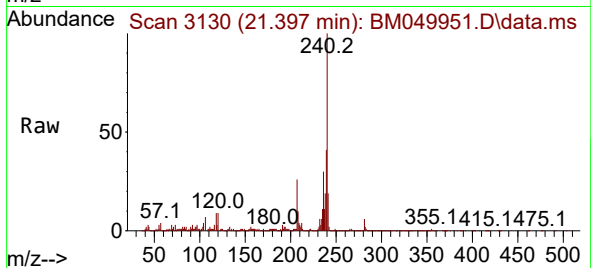
236 30.1 20.4 30.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/17/2025

Supervised By :Jagrut Upadhyay 04/17/2025



#79

Terphenyl-d14

Concen: 192.920 ng

RT: 19.786 min Scan# 2856

Delta R.T. -0.006 min

Lab File: BM049951.D

Acq: 16 Apr 2025 14:07

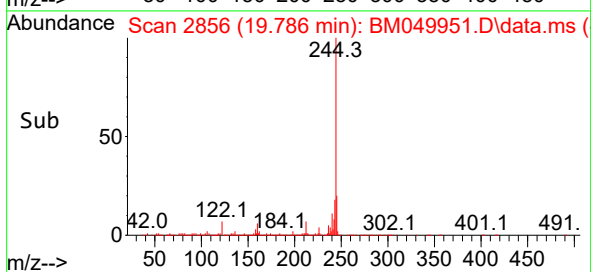
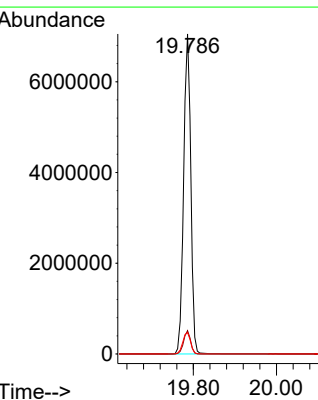
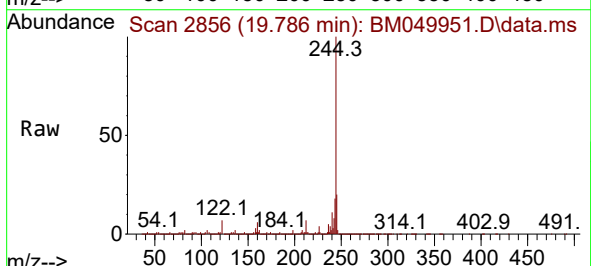
Tgt Ion:244 Resp: 8397312

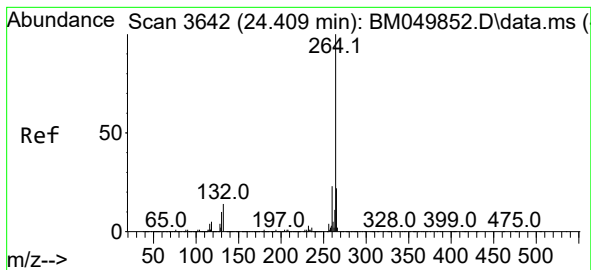
Ion Ratio Lower Upper

244 100

212 7.3 5.5 8.3

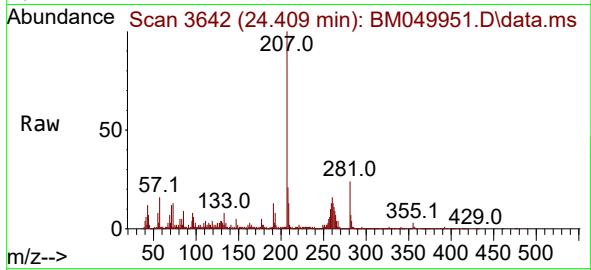
122 6.7 5.4 8.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.409 min Scan# 30
 Delta R.T. 0.000 min
 Lab File: BM049951.D
 Acq: 16 Apr 2025 14:07

Instrument :
 BNA_M
 ClientSampleId :
 279312



Tgt Ion:264 Resp: 2725
 Ion Ratio Lower Upper
 264 100
 260 232.9 18.6 28.0
 265 54.8 17.8 26.8

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 04/17/2025
 Supervised By :Jagrut Upadhyay 04/17/2025

