

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
 Data File : BM050215.D
 Acq On : 06 Jun 2025 15:26
 Operator : RC/JU
 Sample : Q2194-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COMP-13

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 06/09/2025
 Supervised By :Jagrut Upadhyay 06/09/2025

Quant Time: Jun 06 16:25:04 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 05 16:20:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	294115	20.000	ng	0.00
21) Naphthalene-d8	10.575	136	1102386	20.000	ng	0.00
39) Acenaphthene-d10	14.416	164	616752	20.000	ng	0.00
64) Phenanthrene-d10	17.151	188	1152106	20.000	ng	0.00
76) Chrysene-d12	21.380	240	1157843	20.000	ng	0.00
86) Perylene-d12	24.368	264	1249334	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	2201110	124.841	ng	0.00
7) Phenol-d6	6.951	99	2570679	110.758	ng	0.00
23) Nitrobenzene-d5	8.934	82	1726328	81.444	ng	-0.01
42) 2,4,6-Tribromophenol	15.892	330	945363	134.761	ng	-0.01
45) 2-Fluorobiphenyl	13.039	172	3576220	78.503	ng	-0.01
79) Terphenyl-d14	19.780	244	4778745	78.213	ng	0.00
Target Compounds						
32) Benzoic acid	9.804	122	66073m	6.149	ng	Qvalue

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

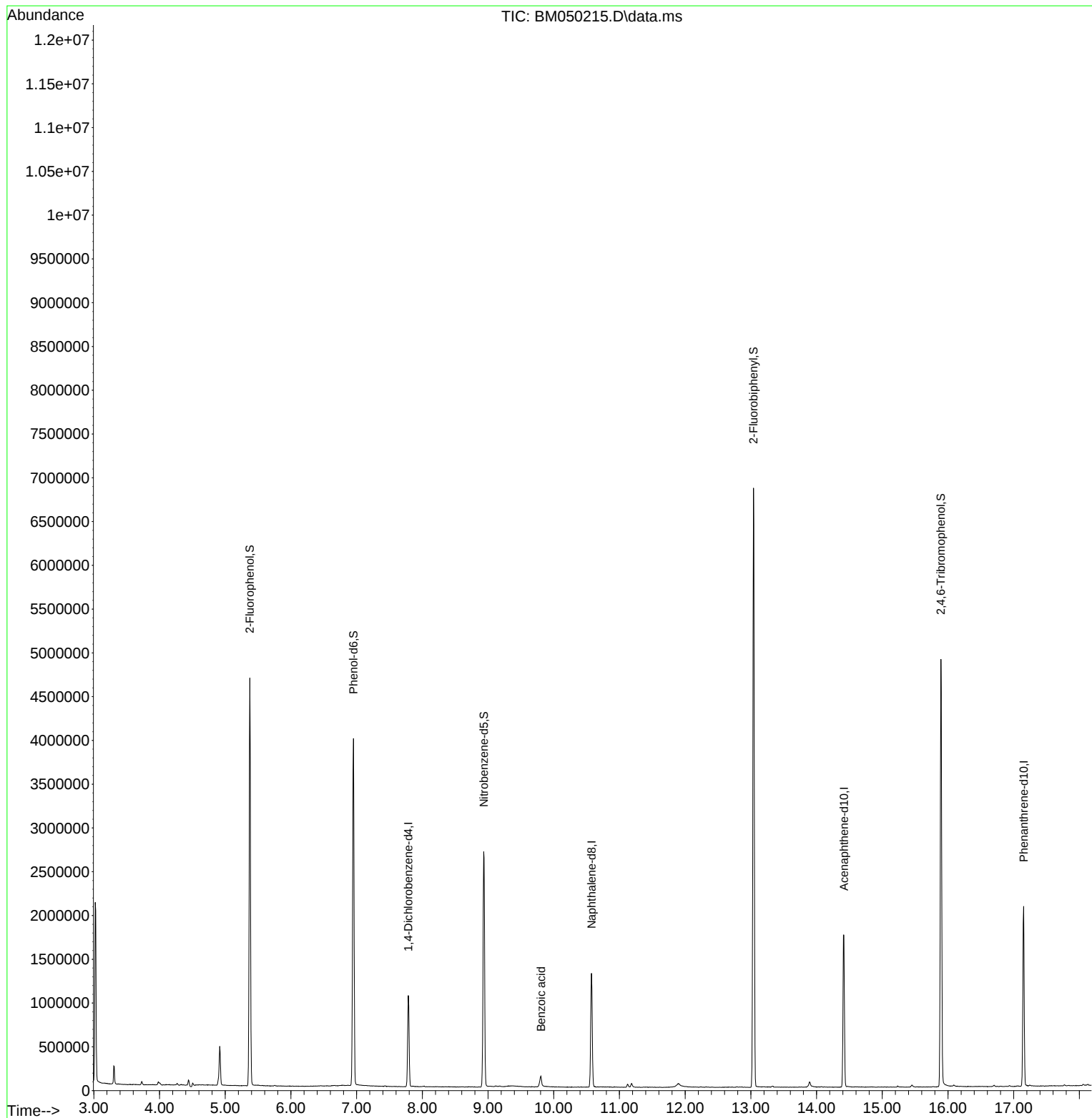
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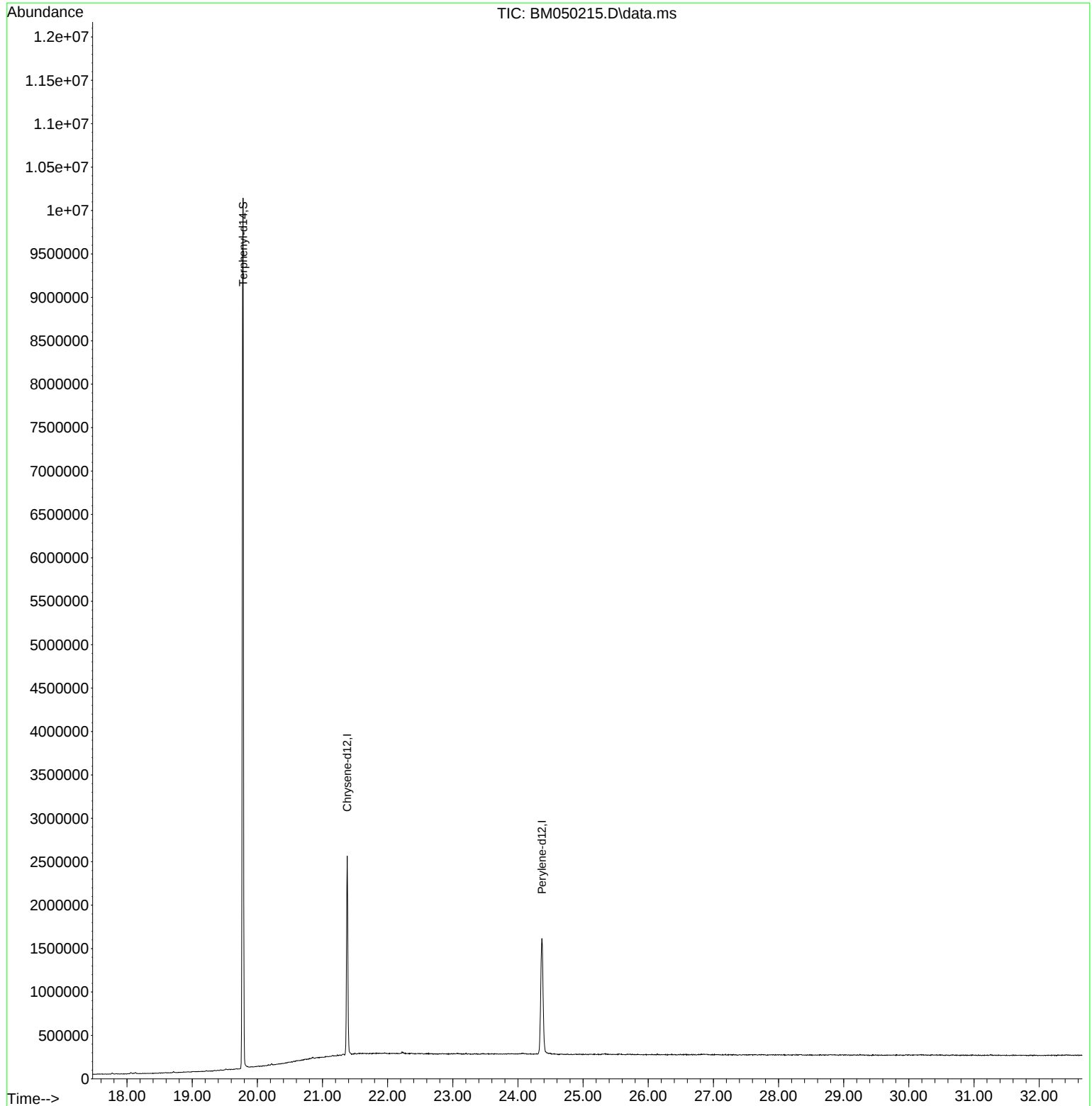
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
Data File : BM050215.D
Acq On : 06 Jun 2025 15:26
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ALS Vial : 11 Sample Multiplier: 1

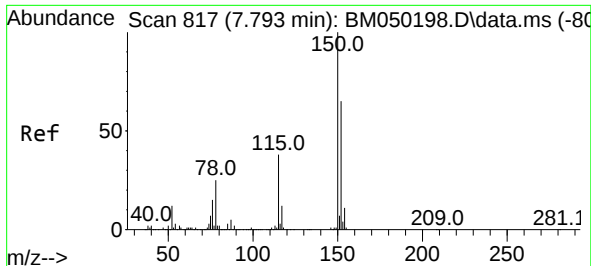
Instrument :
BNA_M
ClientSampleId :
COMP-13

Quant Time: Jun 06 16:25:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 16:20:25 2025
Response via : Initial Calibration

Manual Integrations
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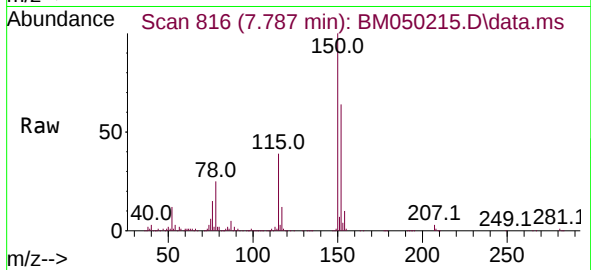
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 817
Delta R.T. -0.006 min
Lab File: BM050215.D
Acq: 06 Jun 2025 15:26

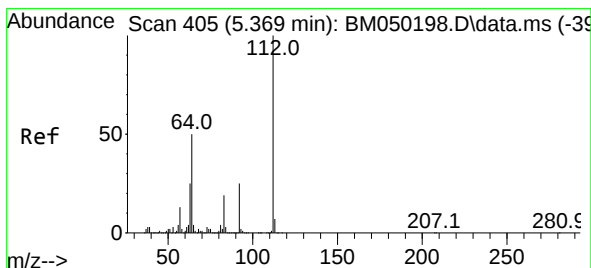
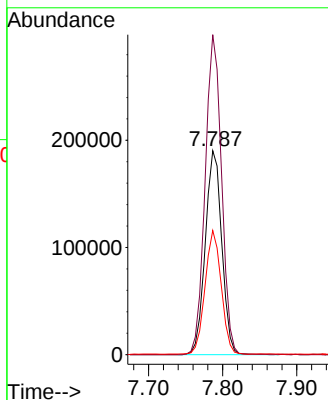
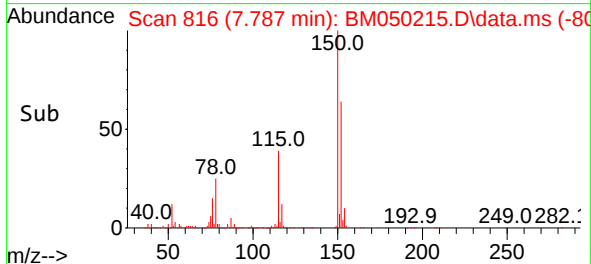
Instrument :
BNA_M
ClientSampleId :
COMP-13



Tgt Ion:152 Resp: 294115
Ion Ratio Lower Upper
152 100
150 156.9 122.2 183.4
115 60.8 46.3 69.5

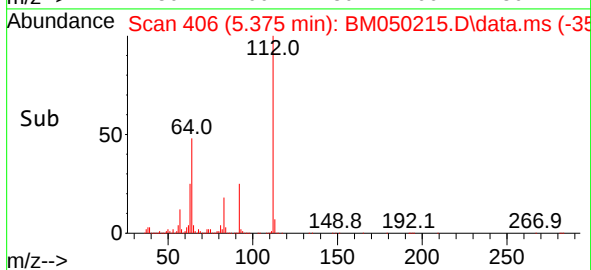
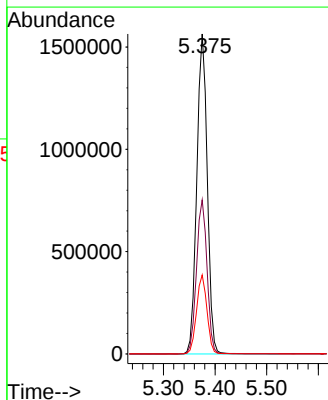
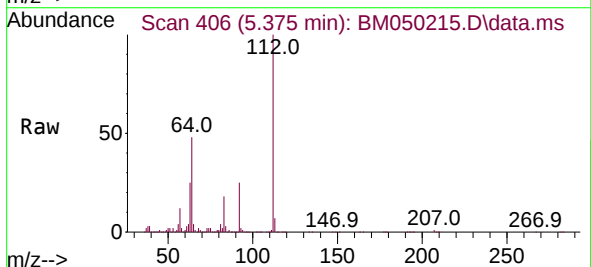
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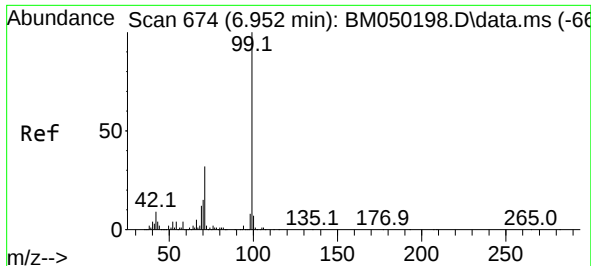
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#5
2-Fluorophenol
Concen: 124.841 ng
RT: 5.375 min Scan# 406
Delta R.T. -0.000 min
Lab File: BM050215.D
Acq: 06 Jun 2025 15:26

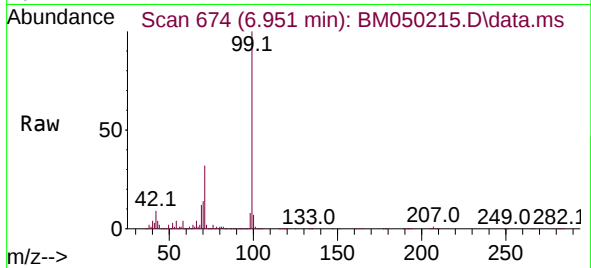
Tgt Ion:112 Resp: 2201110
Ion Ratio Lower Upper
112 100
64 48.2 39.8 59.6
63 24.7 19.8 29.8





#7
Phenol-d6
Concen: 110.758 ng
RT: 6.951 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM050215.D
Acq: 06 Jun 2025 15:26

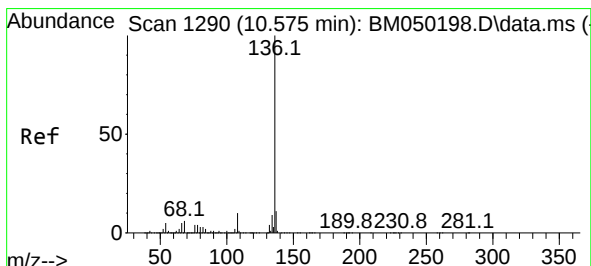
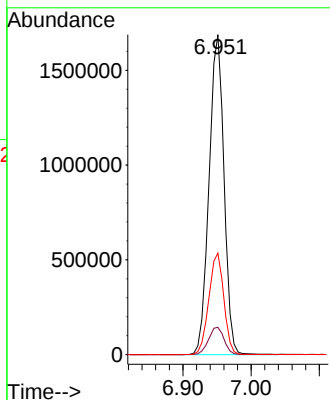
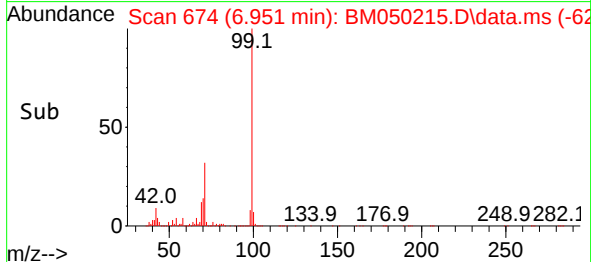
Instrument :
BNA_M
ClientSampleId :
COMP-13



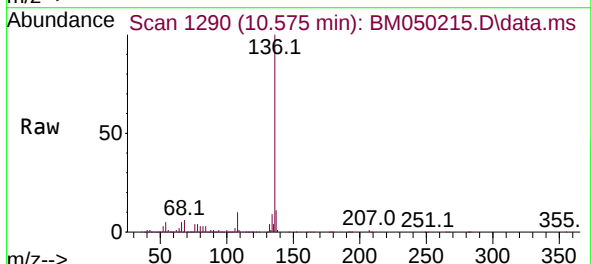
Tgt Ion: 99 Resp: 2570679
Ion Ratio Lower Upper
99 100
42 8.5 6.9 10.3
71 31.7 25.3 37.9

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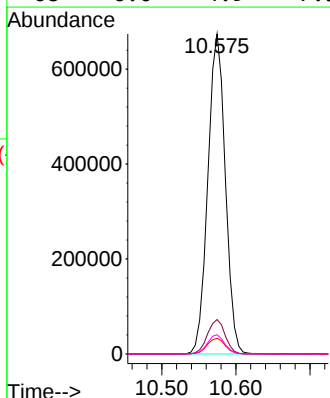
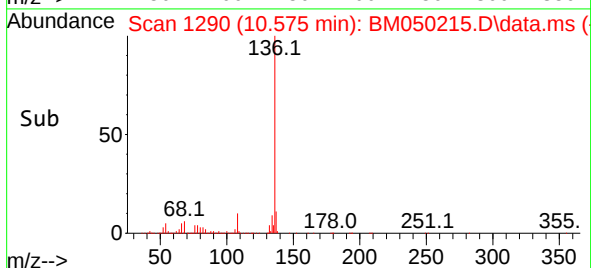
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

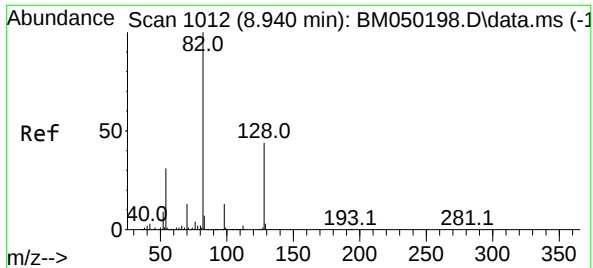


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.575 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BM050215.D
Acq: 06 Jun 2025 15:26



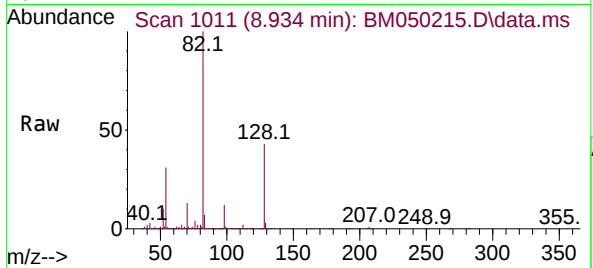
Tgt Ion:136 Resp: 1102386
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 4.9 3.8 5.8
68 6.0 4.9 7.3





#23
Nitrobenzene-d5
Concen: 81.444 ng
RT: 8.934 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BM050215.D
Acq: 06 Jun 2025 15:26

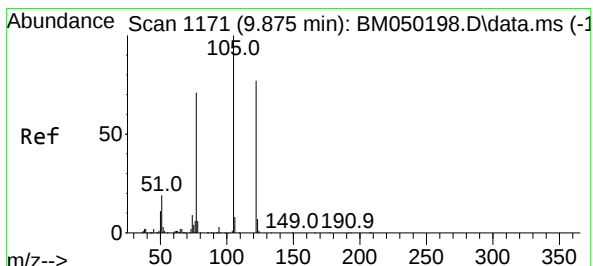
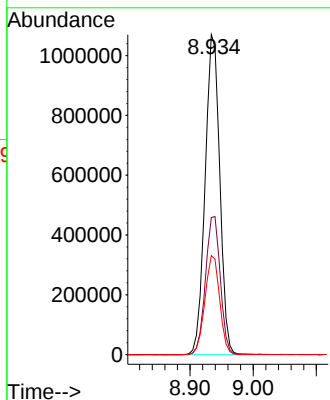
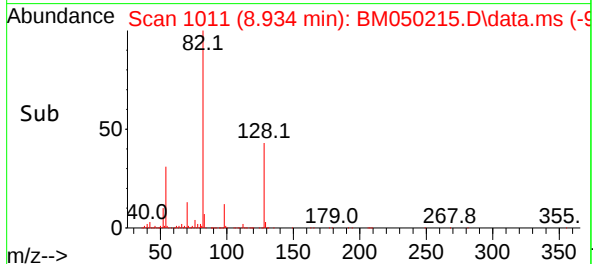
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion: 82 Resp: 1726328
Ion Ratio Lower Upper
82 100
128 42.9 35.2 52.8
54 30.9 24.5 36.7

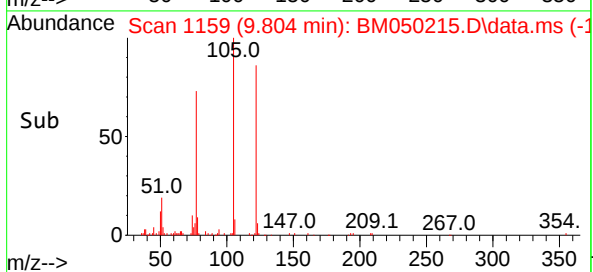
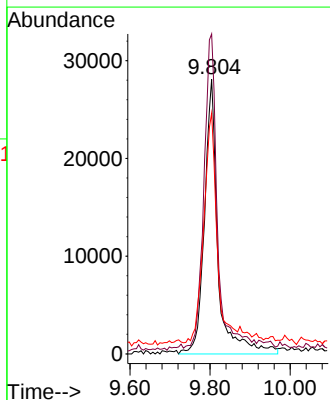
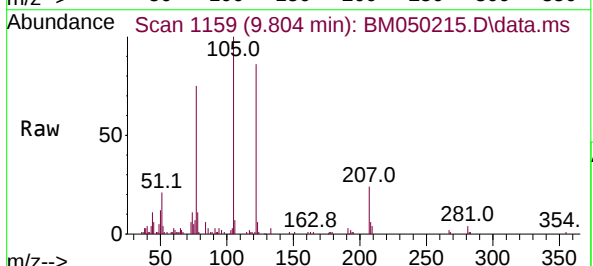
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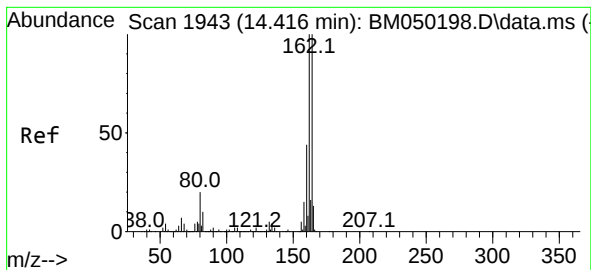
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#32
Benzoic acid
Concen: 6.149 ng m
RT: 9.804 min Scan# 1159
Delta R.T. -0.112 min
Lab File: BM050215.D
Acq: 06 Jun 2025 15:26

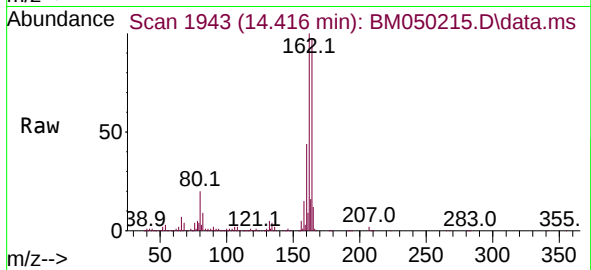
Tgt Ion:122 Resp: 66073
Ion Ratio Lower Upper
122 100
105 116.5 103.4 143.4
77 87.7 70.3 110.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.416 min Scan# 1943
Delta R.T. -0.000 min
Lab File: BM050215.D
Acq: 06 Jun 2025 15:26

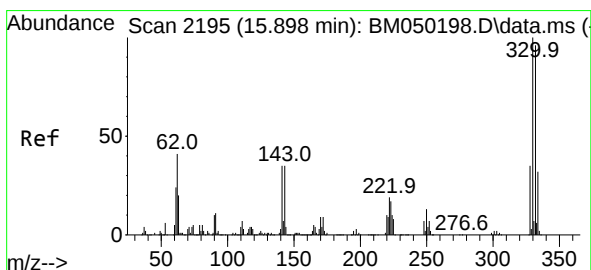
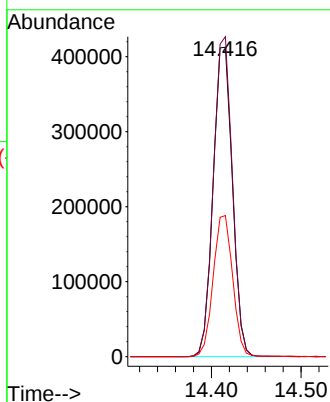
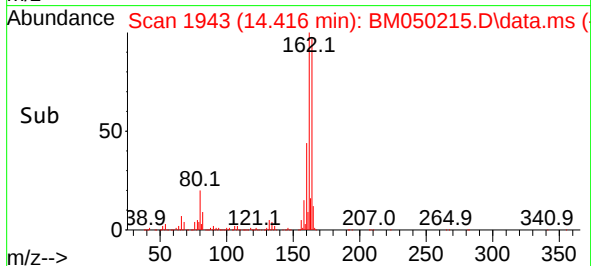
Instrument :
BNA_M
ClientSampleId :
COMP-13



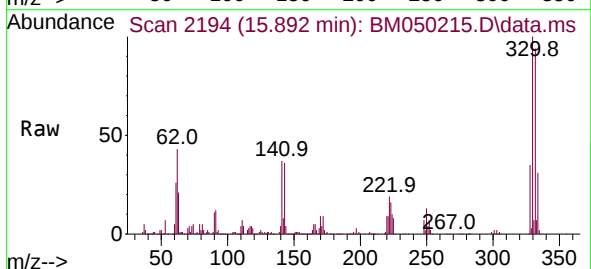
Tgt Ion:164 Resp: 616752
Ion Ratio Lower Upper
164 100
162 103.5 80.2 120.4
160 45.6 35.7 53.5

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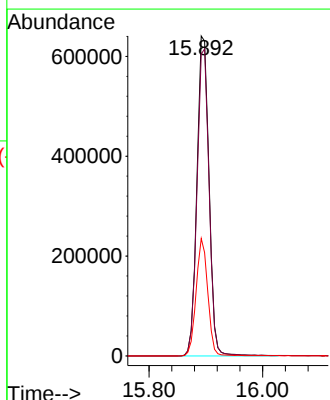
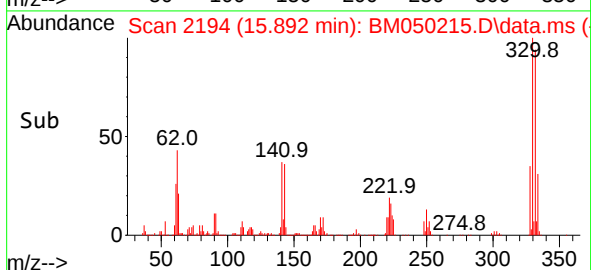
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

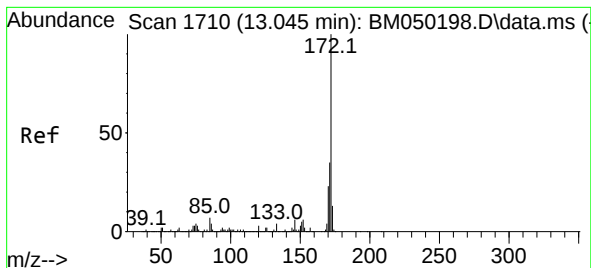


#42
2,4,6-Tribromophenol
Concen: 134.761 ng
RT: 15.892 min Scan# 2194
Delta R.T. -0.012 min
Lab File: BM050215.D
Acq: 06 Jun 2025 15:26



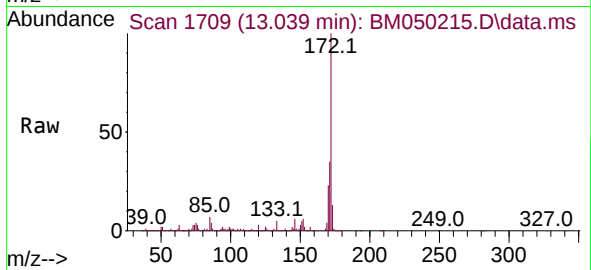
Tgt Ion:330 Resp: 945363
Ion Ratio Lower Upper
330 100
332 95.9 77.5 116.3
141 35.4 28.8 43.2





#45
2-Fluorobiphenyl
Concen: 78.503 ng
RT: 13.039 min Scan# 1710
Delta R.T. -0.012 min
Lab File: BM050215.D
Acq: 06 Jun 2025 15:26

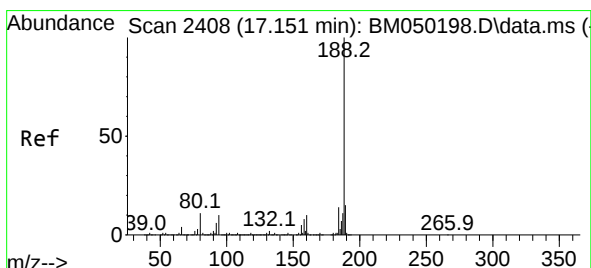
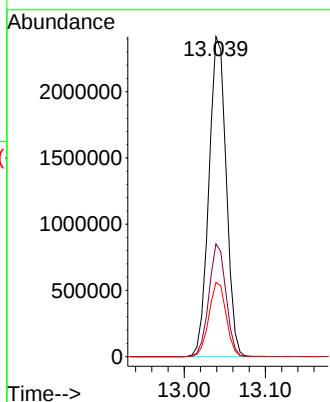
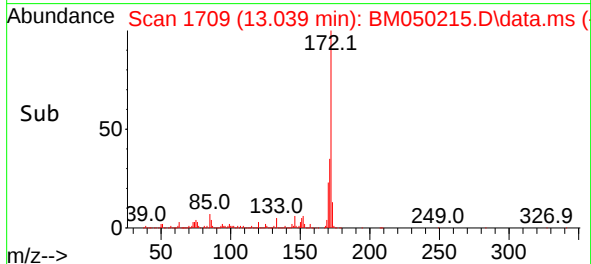
Instrument :
BNA_M
ClientSampleId :
COMP-13



Tgt Ion:172 Resp: 3576220
Ion Ratio Lower Upper
172 100
171 35.2 27.8 41.6
170 23.2 18.6 27.8

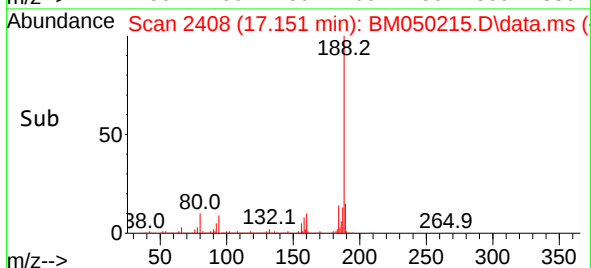
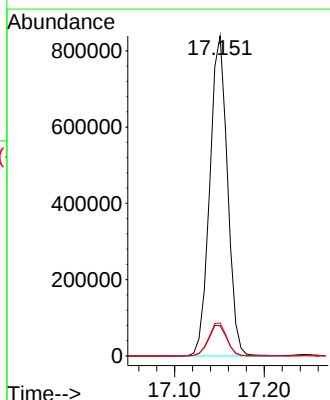
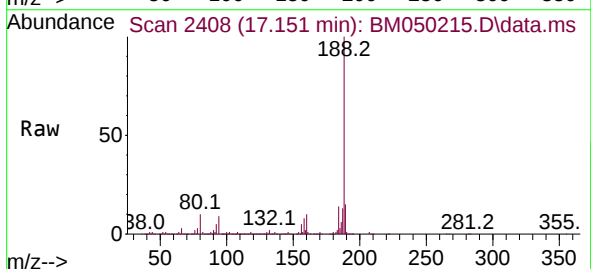
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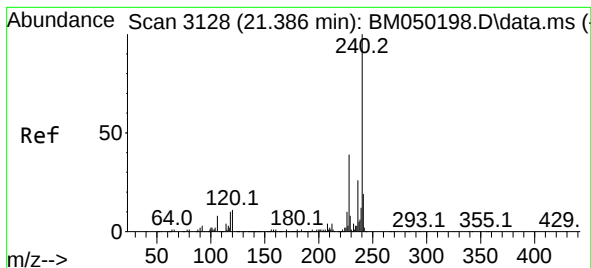
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.151 min Scan# 2408
Delta R.T. -0.006 min
Lab File: BM050215.D
Acq: 06 Jun 2025 15:26

Tgt Ion:188 Resp: 1152106
Ion Ratio Lower Upper
188 100
94 9.4 8.1 12.1
80 10.3 8.6 13.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.380 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM050215.D

Acq: 06 Jun 2025 15:26

Instrument :

BNA_M

ClientSampleId :

COMP-13

Tgt Ion:240 Resp: 115784

Ion Ratio Lower Upper

240 100

120 11.5 9.0 13.4

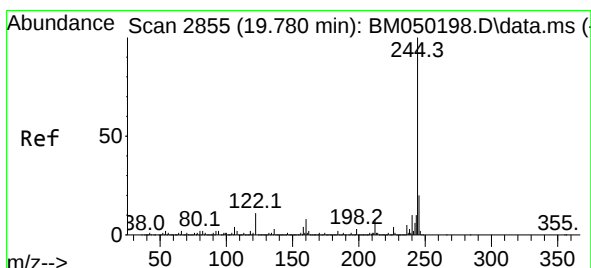
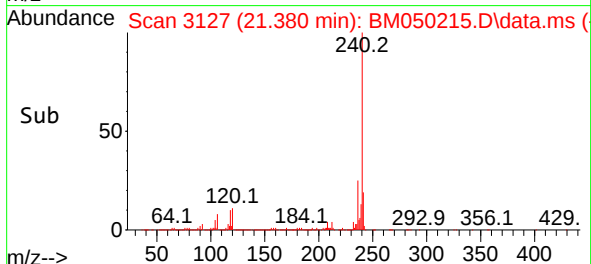
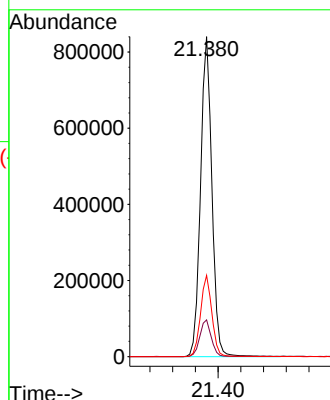
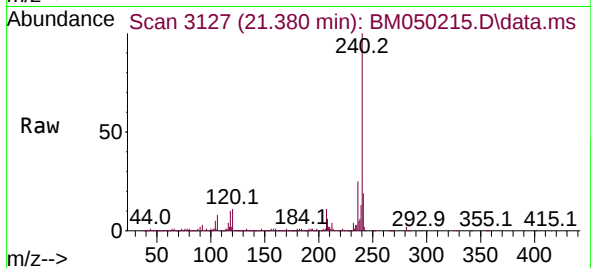
236 25.4 20.7 31.1

Manual Integrations

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Supervised By :Jagrut Upadhyay 06/09/2025



#79

Terphenyl-d14

Concen: 78.213 ng

RT: 19.780 min Scan# 2855

Delta R.T. -0.006 min

Lab File: BM050215.D

Acq: 06 Jun 2025 15:26

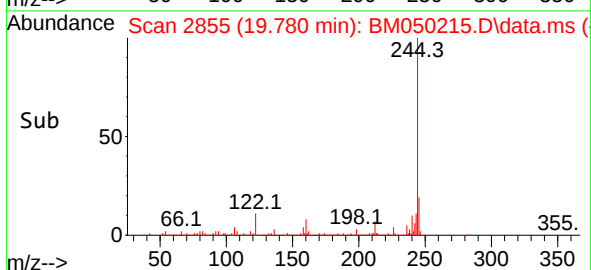
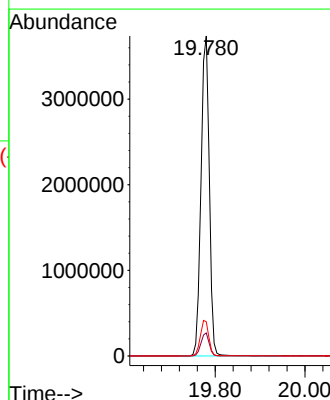
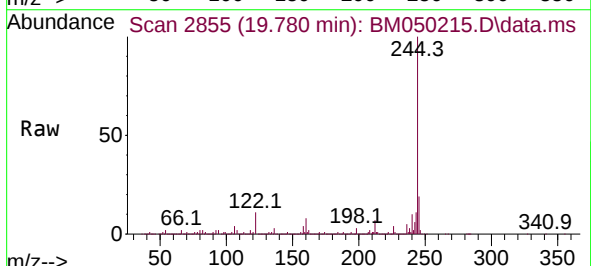
Tgt Ion:244 Resp: 4778745

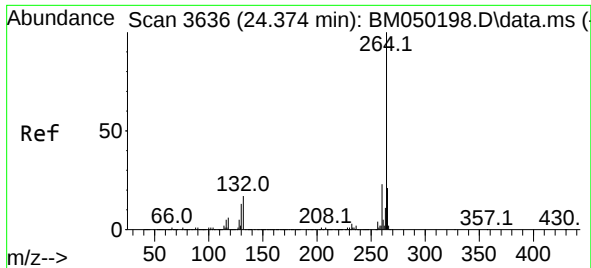
Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

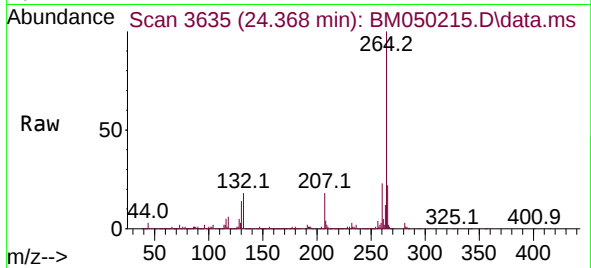
122 10.7 8.6 12.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.368 min Scan# 3635
 Delta R.T. -0.006 min
 Lab File: BM050215.D
 Acq: 06 Jun 2025 15:26

Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion:264 Resp: 1249334
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.6 28.0
 265 21.6 16.8 25.2

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