

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
 Data File : BM050217.D
 Acq On : 06 Jun 2025 16:45
 Operator : RC/JU
 Sample : Q2207-18
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BU-703-COMP-02

Manual Integrations
 APPROVED

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

Quant Time: Jun 06 17:25:20 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	292016	20.000	ng	0.00
21) Naphthalene-d8	10.575	136	1122506	20.000	ng	0.00
39) Acenaphthene-d10	14.416	164	609641	20.000	ng	0.00
64) Phenanthrene-d10	17.151	188	1145449	20.000	ng	0.00
76) Chrysene-d12	21.380	240	1073649	20.000	ng	0.00
86) Perylene-d12	24.368	264	686399	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	2097030	119.793	ng	0.00
7) Phenol-d6	6.951	99	2443008	106.014	ng	0.00
23) Nitrobenzene-d5	8.934	82	1711052	79.277	ng	-0.01
42) 2,4,6-Tribromophenol	15.892	330	886301	127.815	ng	-0.01
45) 2-Fluorobiphenyl	13.039	172	3469477	77.048	ng	-0.01
79) Terphenyl-d14	19.780	244	4338429	76.575	ng	0.00
Target Compounds						
32) Benzoic acid	9.792	122	23822m	2.177	ng	Qvalue

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

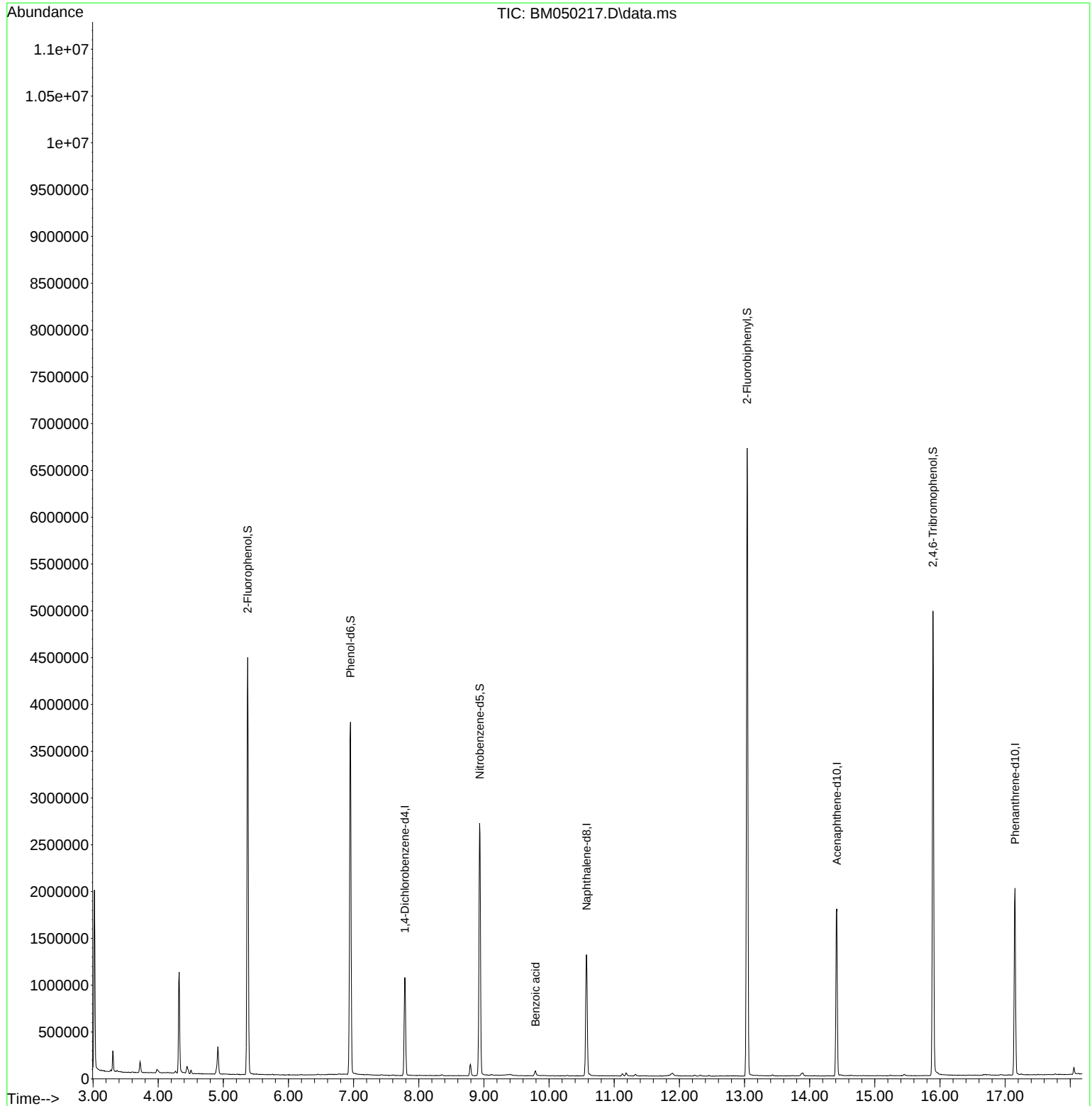
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
Data File : BM050217.D
Acq On : 06 Jun 2025 16:45
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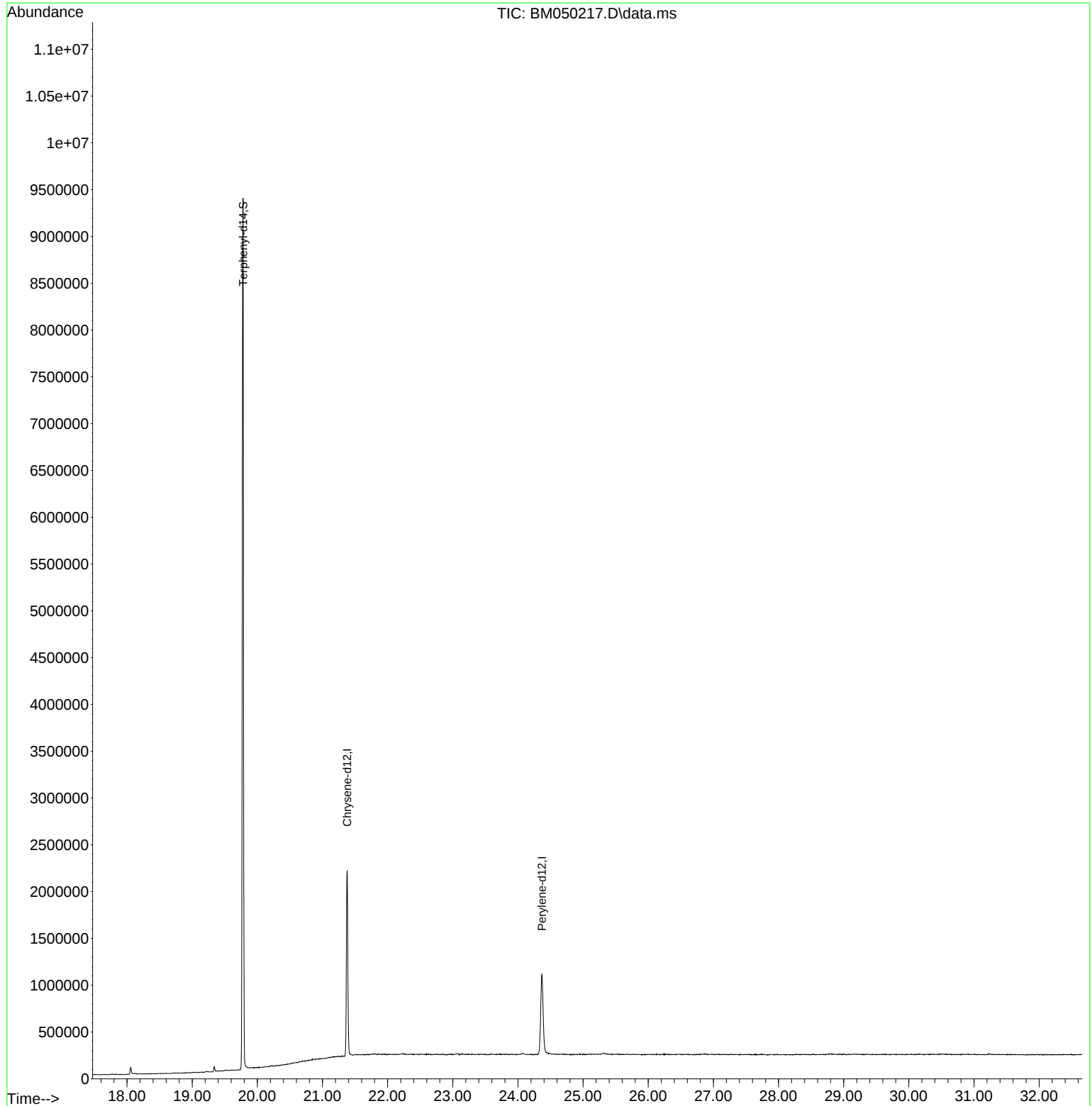
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
Data File : BM050217.D
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ALS Vial : 13 Sample Multiplier: 1

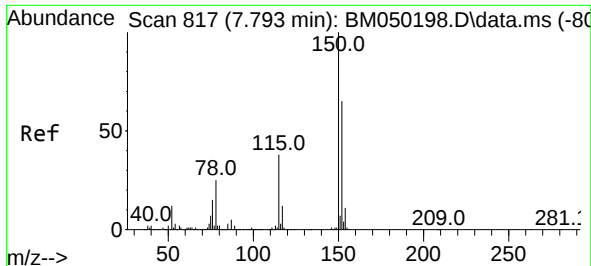
Instrument :
BNA_M
ClientSampleId :
BU-703-COMP-02

Quant Time: Jun 06 17:25:20 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

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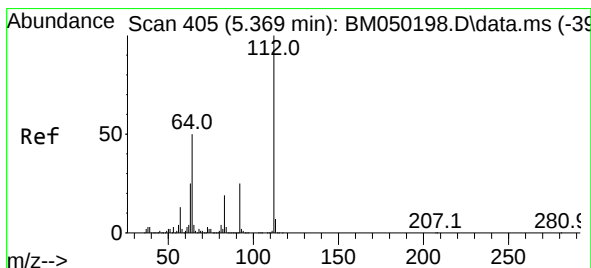
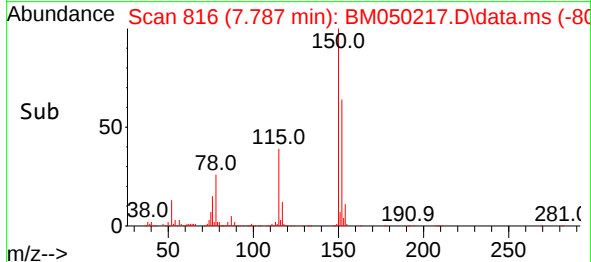
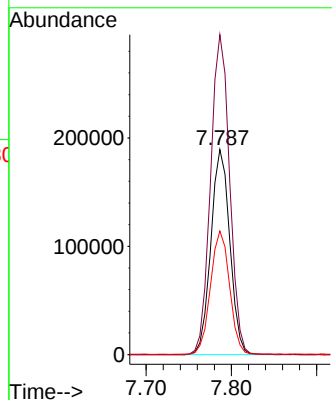
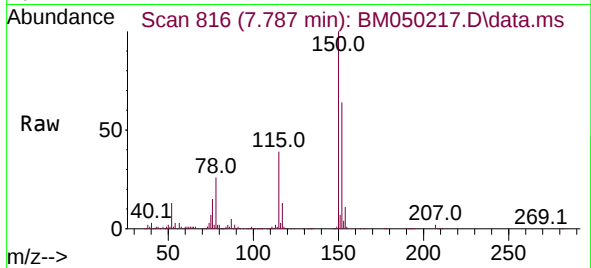
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 817
Delta R.T. -0.006 min
Lab File: BM050217.D
Acq: 06 Jun 2025 16:45

Instrument :
BNA_M
ClientSampleId :
BU-703-COMP-02

Tgt Ion:152 Resp: 292016
Ion Ratio Lower Upper
152 100
150 156.1 122.2 183.4
115 60.3 46.3 69.5

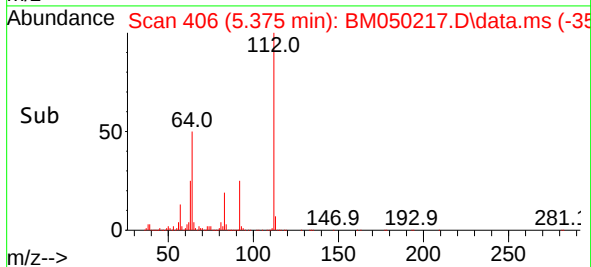
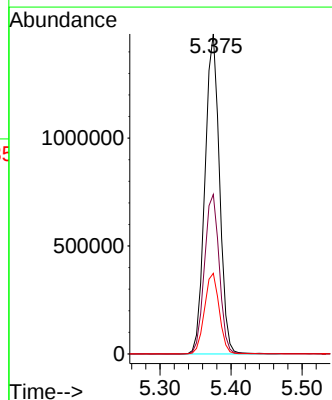
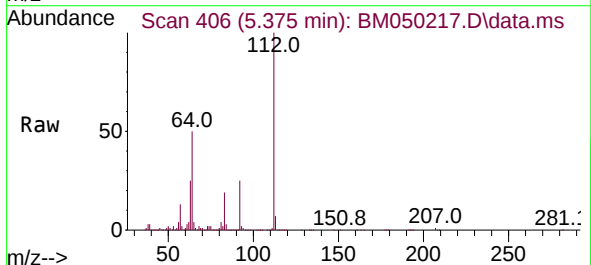
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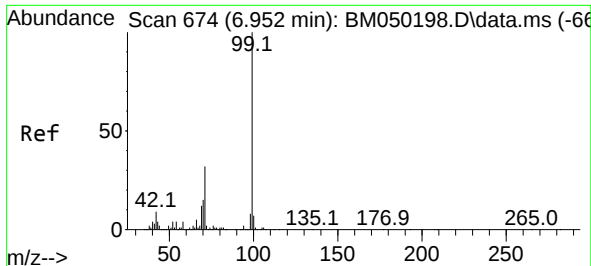
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#5
2-Fluorophenol
Concen: 119.793 ng
RT: 5.375 min Scan# 406
Delta R.T. -0.000 min
Lab File: BM050217.D
Acq: 06 Jun 2025 16:45

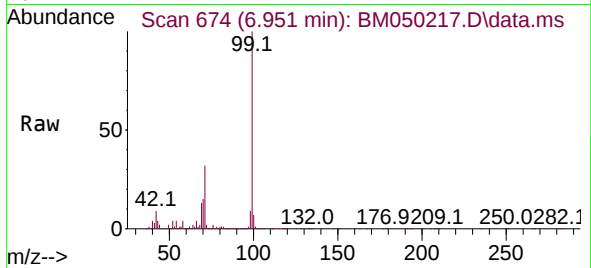
Tgt Ion:112 Resp: 2097030
Ion Ratio Lower Upper
112 100
64 49.8 39.8 59.6
63 25.2 19.8 29.8





#7
Phenol-d6
Concen: 106.014 ng
RT: 6.951 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM050217.D
Acq: 06 Jun 2025 16:45

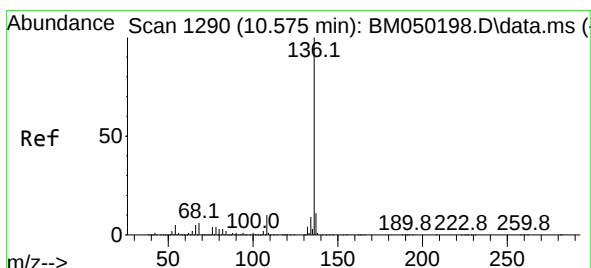
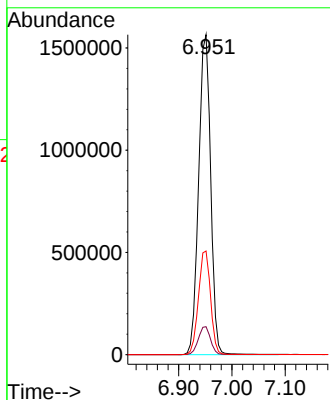
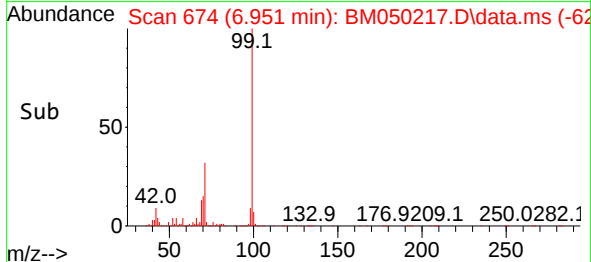
Instrument :
BNA_M
ClientSampleId :
BU-703-COMP-02



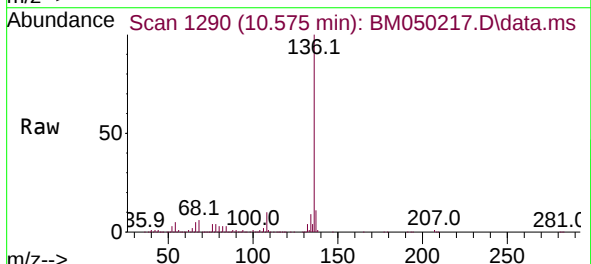
Tgt Ion: 99 Resp: 2443008
Ion Ratio Lower Upper
99 100
42 8.7 6.9 10.3
71 32.4 25.3 37.9

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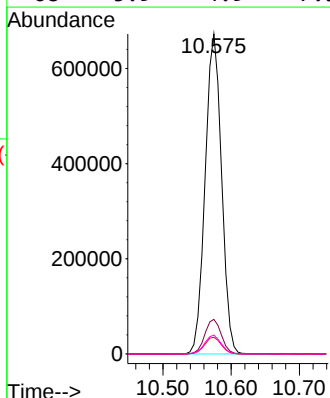
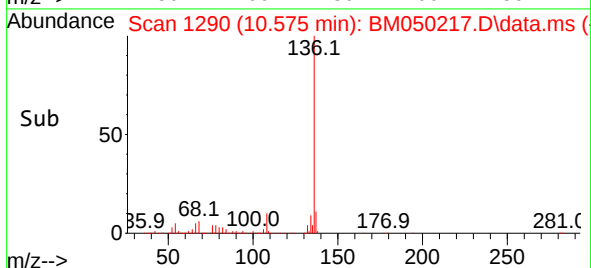
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

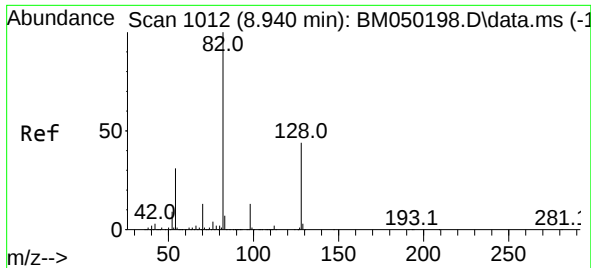


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.575 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BM050217.D
Acq: 06 Jun 2025 16:45



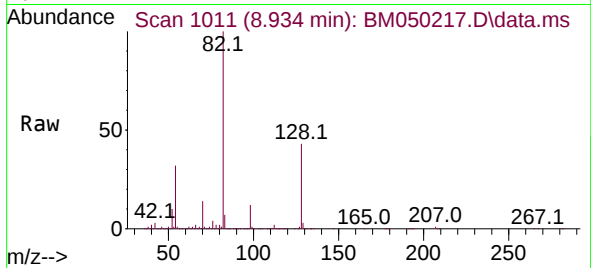
Tgt Ion:136 Resp: 1122506
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 5.2 3.8 5.8
68 5.9 4.9 7.3





#23
Nitrobenzene-d5
Concen: 79.277 ng
RT: 8.934 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BM050217.D
Acq: 06 Jun 2025 16:45

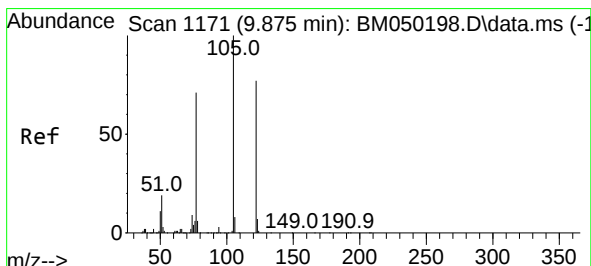
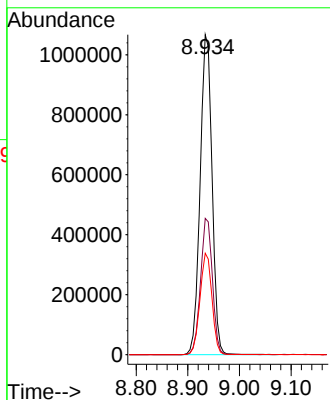
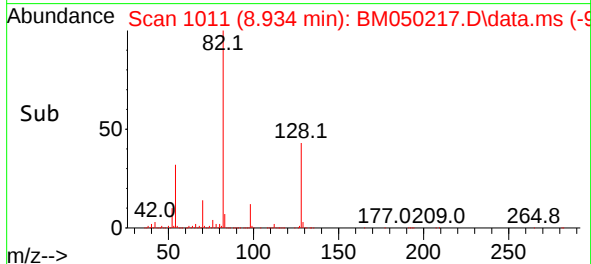
Instrument :
BNA_M
ClientSampleId :
BU-703-COMP-02



Tgt Ion: 82 Resp: 1711052
Ion Ratio Lower Upper
82 100
128 42.6 35.2 52.8
54 31.7 24.5 36.7

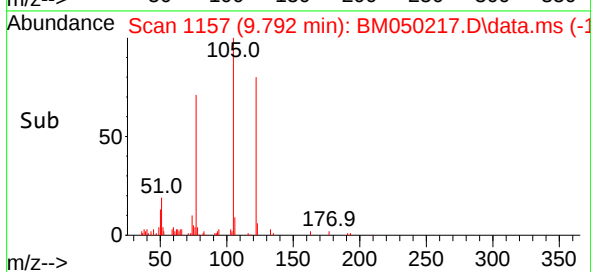
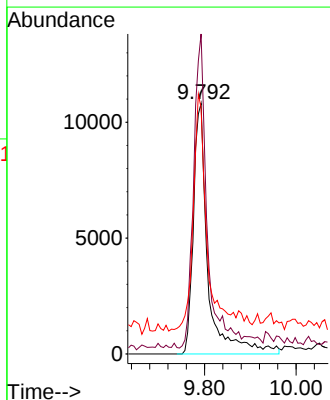
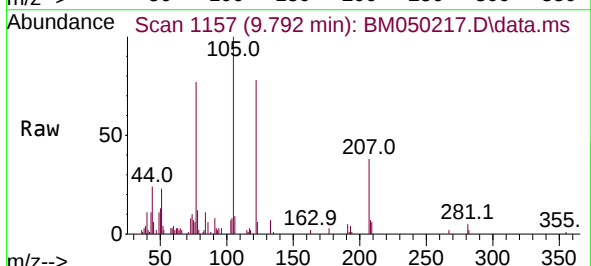
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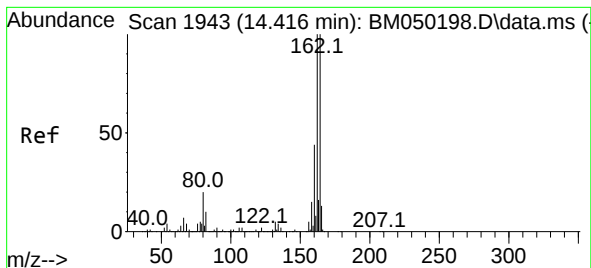
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#32
Benzoic acid
Concen: 2.177 ng m
RT: 9.792 min Scan# 1157
Delta R.T. -0.124 min
Lab File: BM050217.D
Acq: 06 Jun 2025 16:45

Tgt Ion:122 Resp: 23822
Ion Ratio Lower Upper
122 100
105 127.8 103.4 143.4
77 98.2 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: BM050217.D

Acq: 06 Jun 2025 16:45

Instrument :

BNA_M

ClientSampleId :

BU-703-COMP-02

Tgt Ion:164 Resp: 60964

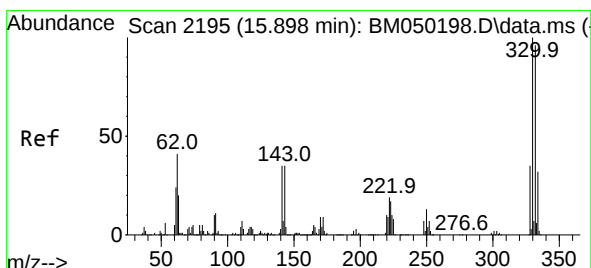
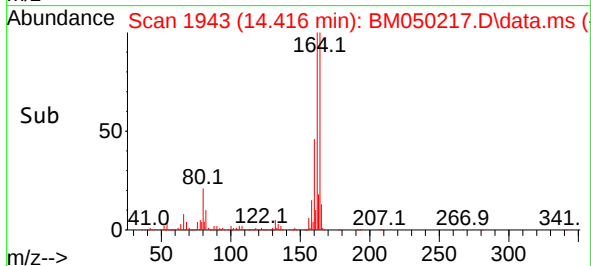
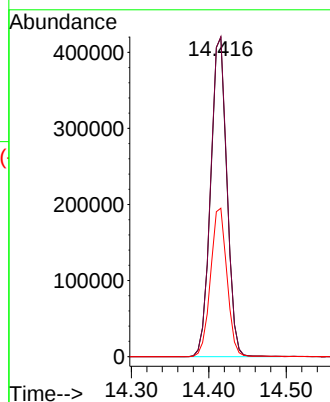
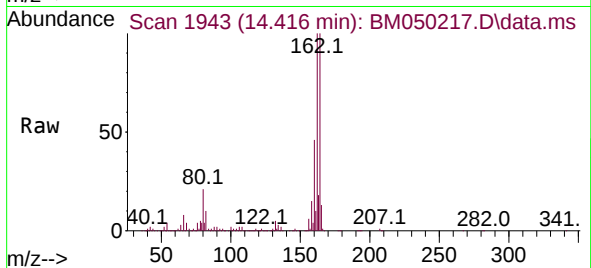
Ion	Ratio	Lower	Upper
164	100		
162	100.3	80.2	120.4
160	46.5	35.7	53.5

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Supervised By :Jagrut Upadhyay 06/09/2025



#42

2,4,6-Tribromophenol

Concen: 127.815 ng

RT: 15.892 min Scan# 2194

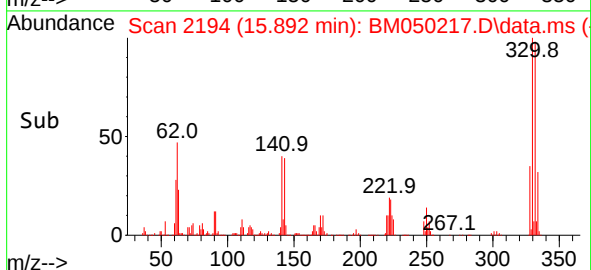
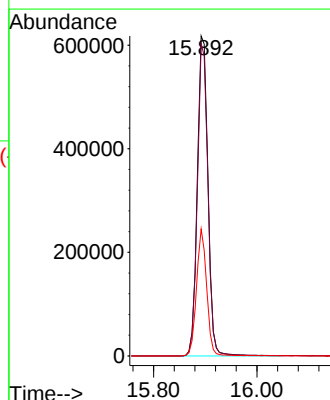
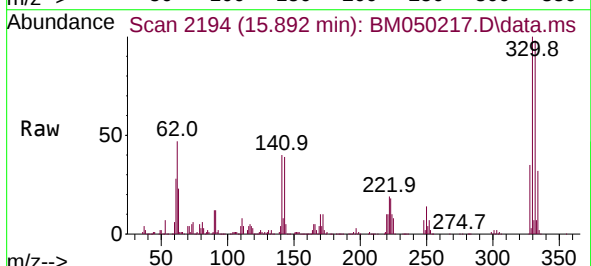
Delta R.T. -0.012 min

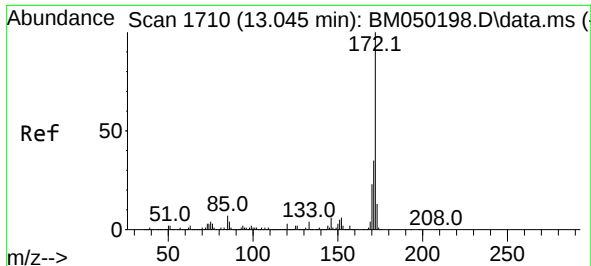
Lab File: BM050217.D

Acq: 06 Jun 2025 16:45

Tgt Ion:330 Resp: 886301

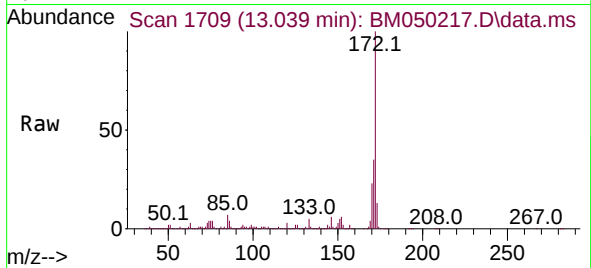
Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.5	116.3
141	37.7	28.8	43.2





#45
2-Fluorobiphenyl
Concen: 77.048 ng
RT: 13.039 min Scan# 1710
Delta R.T. -0.012 min
Lab File: BM050217.D
Acq: 06 Jun 2025 16:45

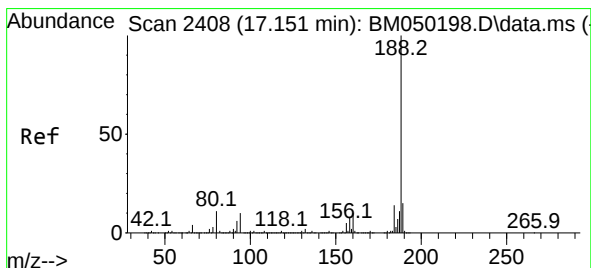
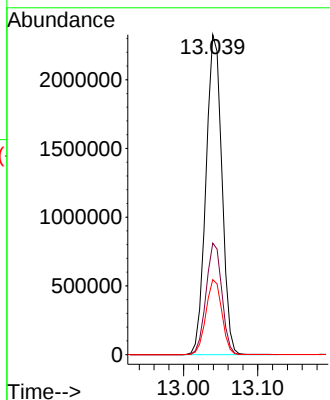
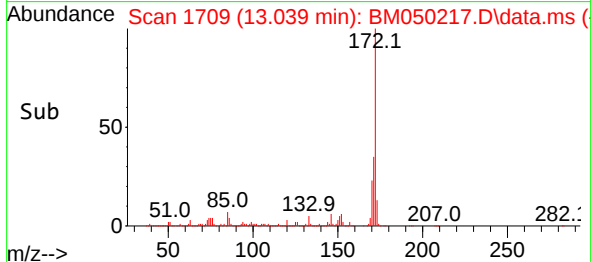
Instrument :
BNA_M
ClientSampleId :
BU-703-COMP-02



Tgt Ion:172 Resp: 346947
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.6
170 23.4 18.6 27.8

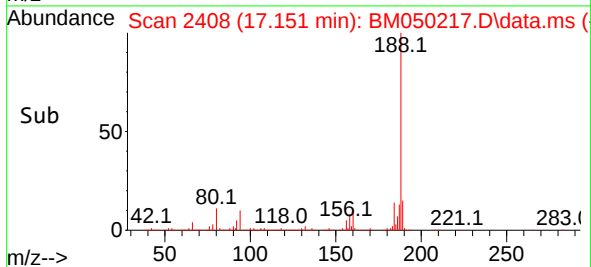
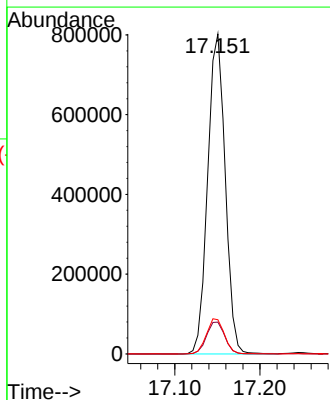
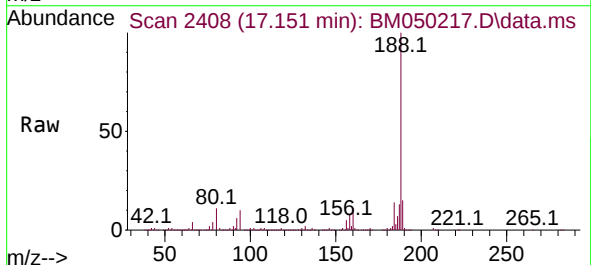
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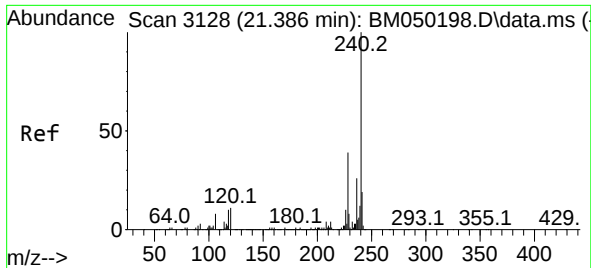
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.151 min Scan# 2408
Delta R.T. -0.006 min
Lab File: BM050217.D
Acq: 06 Jun 2025 16:45

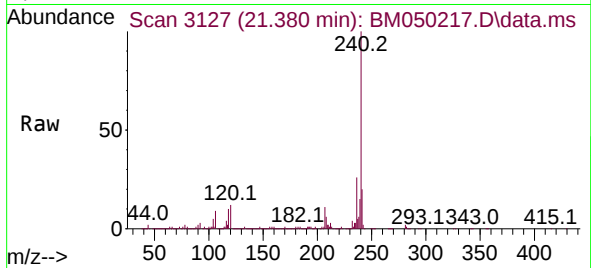
Tgt Ion:188 Resp: 1145449
Ion Ratio Lower Upper
188 100
94 9.9 8.1 12.1
80 10.7 8.6 13.0





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.380 min Scan# 3128
Delta R.T. -0.006 min
Lab File: BM050217.D
Acq: 06 Jun 2025 16:45

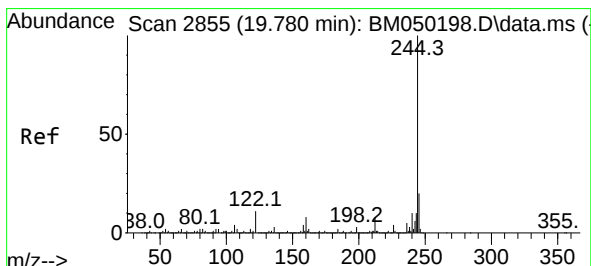
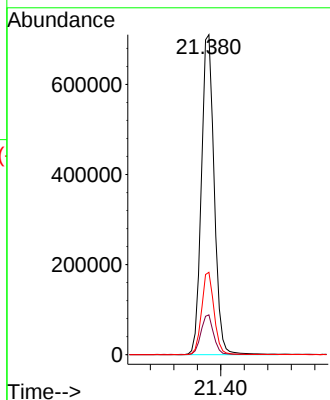
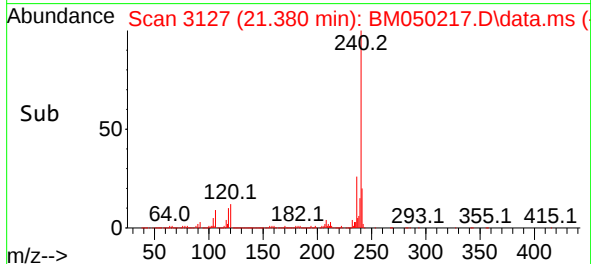
Instrument :
BNA_M
ClientSampleId :
BU-703-COMP-02



Tgt Ion:240 Resp: 1073649
Ion Ratio Lower Upper
240 100
120 12.4 9.0 13.4
236 25.8 20.7 31.1

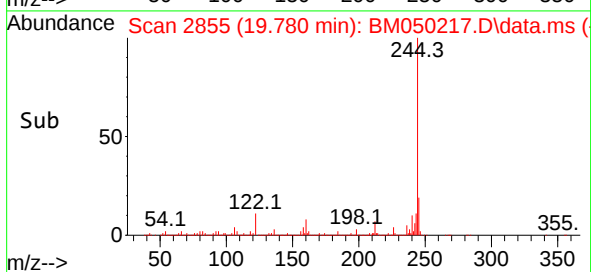
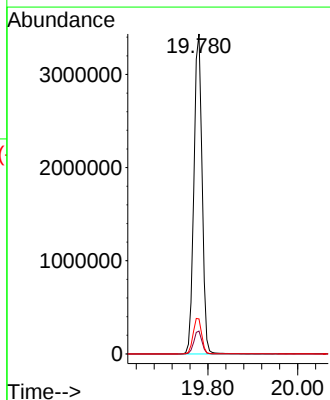
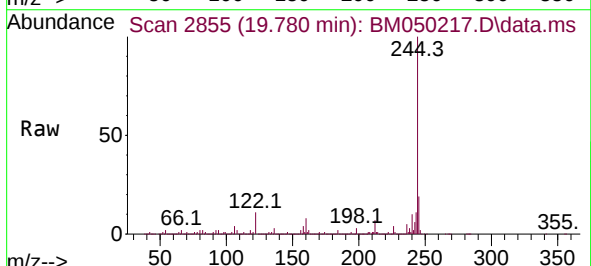
Manual Integrations
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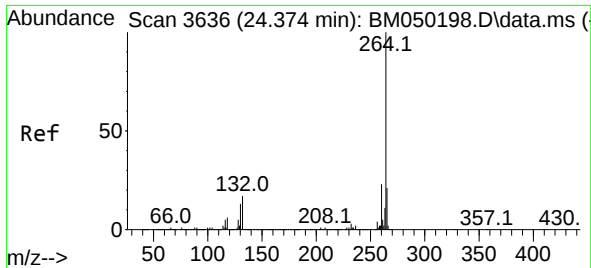
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#79
Terphenyl-d14
Concen: 76.575 ng
RT: 19.780 min Scan# 2855
Delta R.T. -0.006 min
Lab File: BM050217.D
Acq: 06 Jun 2025 16:45

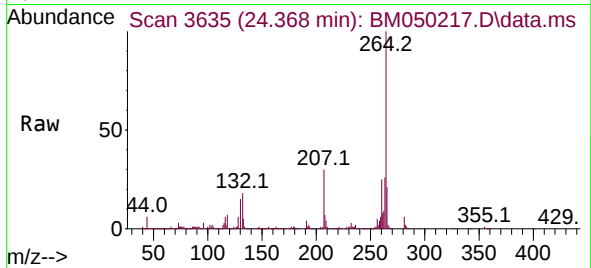
Tgt Ion:244 Resp: 4338429
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 10.9 8.6 12.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.368 min Scan# 30
 Delta R.T. -0.006 min
 Lab File: BM050217.D
 Acq: 06 Jun 2025 16:45

Instrument :
 BNA_M
 ClientSampleId :
 BU-703-COMP-02



Tgt Ion:264 Resp: 686399
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.6 28.0
 265 21.5 16.8 25.2

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