

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032924\
 Data File : BM044814.D
 Acq On : 29 Mar 2024 13:11
 Operator : MA/JU
 Sample : P1879-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EB-01(2-4)

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/30/2024
 Supervised By :mohammad ahmed 03/30/2024

Quant Time: Mar 29 13:44:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 29 01:24:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	98267	20.000	ng	-0.01
21) Naphthalene-d8	10.445	136	379289	20.000	ng	-0.01
39) Acenaphthene-d10	14.310	164	216231	20.000	ng	-0.01
64) Phenanthrene-d10	17.069	188	439694	20.000	ng	-0.01
76) Chrysene-d12	21.268	240	441360	20.000	ng	-0.01
86) Perylene-d12	23.503	264	525703	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.275	112	663654	96.724	ng	-0.01
7) Phenol-d6	6.846	99	846168	95.076	ng	-0.01
23) Nitrobenzene-d5	8.828	82	532087	63.241	ng	-0.01
42) 2,4,6-Tribromophenol	15.816	330	260892	110.413	ng	0.00
45) 2-Fluorobiphenyl	12.928	172	966603	57.254	ng	-0.01
79) Terphenyl-d14	19.715	244	1411598	54.202	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.110	178	103944	4.237	ng	99
75) Fluoranthene	19.133	202	142674	5.827	ng	100
78) Pyrene	19.498	202	172807	4.913	ng	99
81) Benzo(a)anthracene	21.251	228	86733	2.819	ng	96
83) Chrysene	21.304	228	89940	3.050	ng	96
88) Benzo(b)fluoranthene	22.833	252	121742m	4.087	ng	
90) Benzo(a)pyrene	23.403	252	86053	2.846	ng	96

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

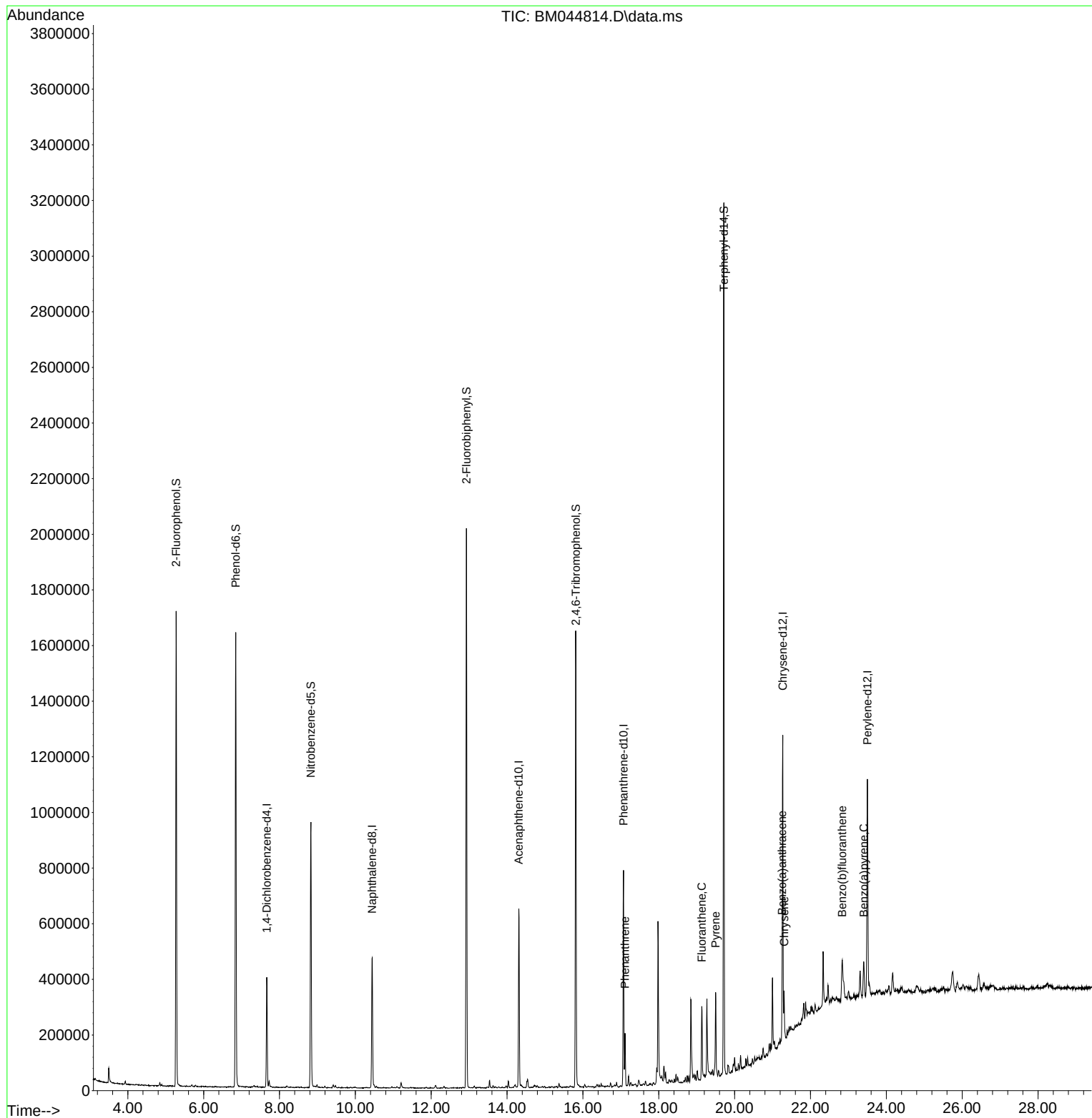
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032924\
Data File : BM044814.D
Acq On : 29 Mar 2024 13:11
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ALS Vial : 7 Sample Multiplier: 1

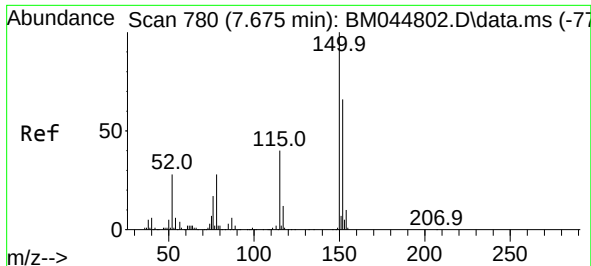
Instrument :
BNA_M
ClientSampleId :
EB-01(2-4)

Quant Time: Mar 29 13:44:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 29 01:24:21 2024
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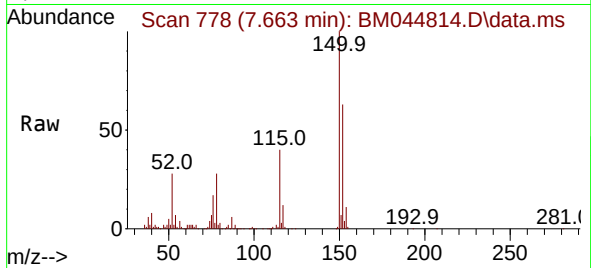
Reviewed By :Yogesh Patel 03/30/2024
Supervised By :mohammad ahmed 03/30/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.663 min Scan# 71
Delta R.T. -0.012 min
Lab File: BM044814.D
Acq: 29 Mar 2024 13:11

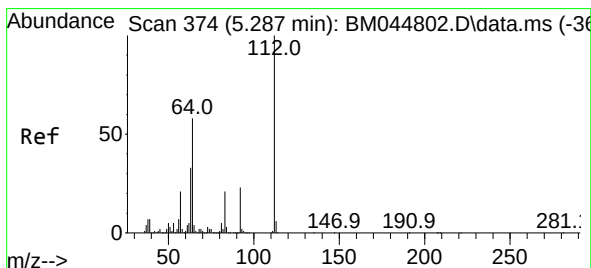
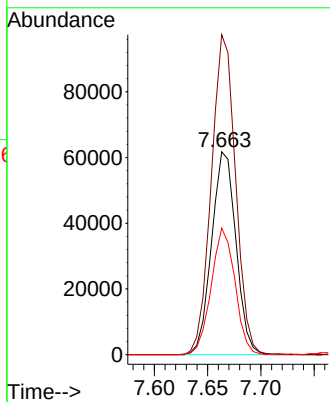
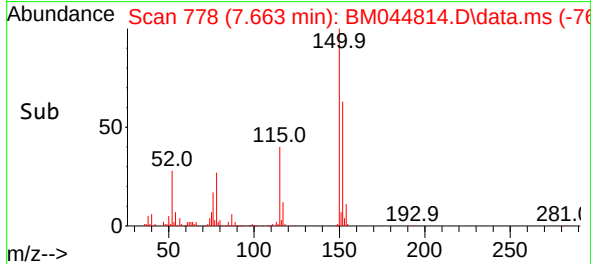
Instrument :
BNA_M
ClientSampleId :
EB-01(2-4)



Tgt Ion:152 Resp: 9826
Ion Ratio Lower Upper
152 100
150 157.8 121.0 181.6
115 62.4 48.3 72.5

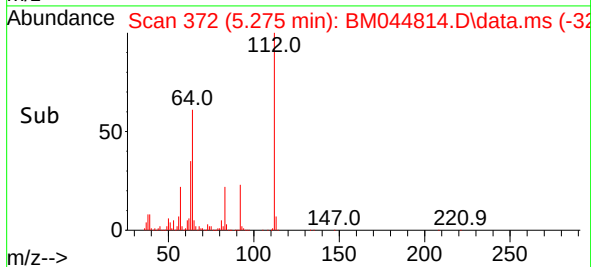
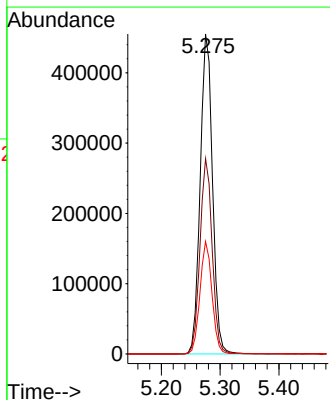
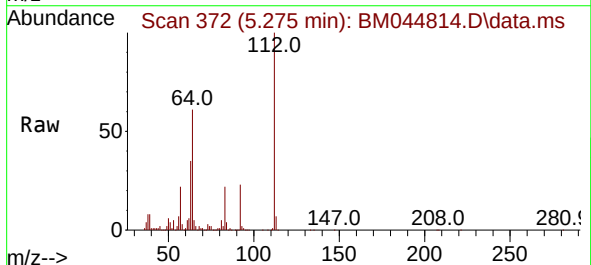
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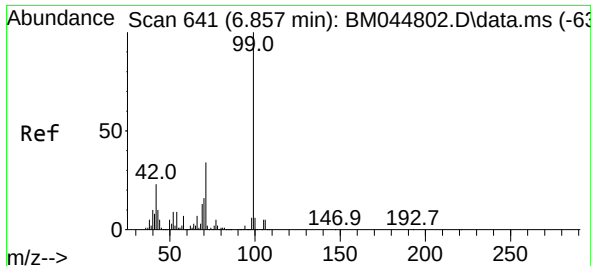
Reviewed By :Yogesh Patel 03/30/2024
Supervised By :mohammad ahmed 03/30/2024



#5
2-Fluorophenol
Concen: 96.724 ng
RT: 5.275 min Scan# 372
Delta R.T. -0.011 min
Lab File: BM044814.D
Acq: 29 Mar 2024 13:11

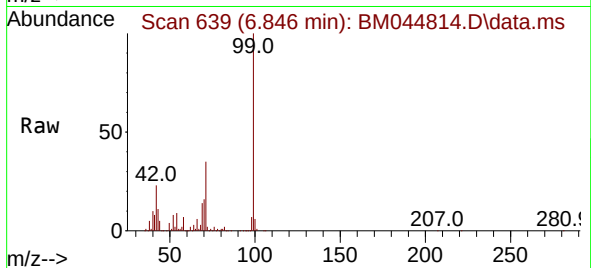
Tgt Ion:112 Resp: 663654
Ion Ratio Lower Upper
112 100
64 61.1 46.4 69.6
63 35.2 26.2 39.4





#7
Phenol-d6
Concen: 95.076 ng
RT: 6.846 min Scan# 61
Delta R.T. -0.011 min
Lab File: BM044814.D
Acq: 29 Mar 2024 13:11

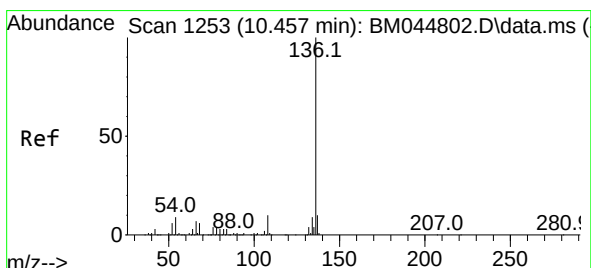
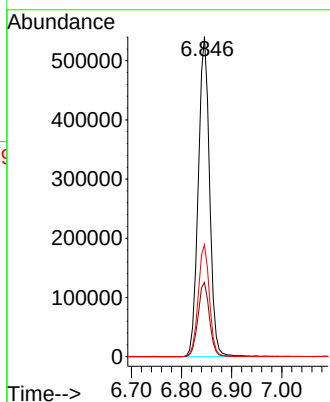
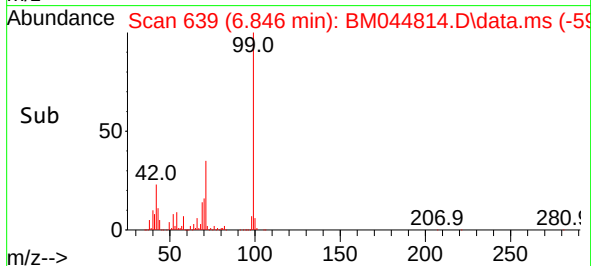
Instrument :
BNA_M
ClientSampleId :
EB-01(2-4)



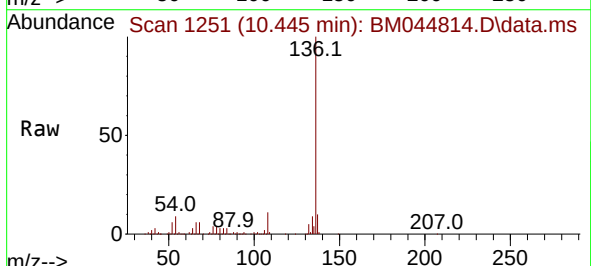
Tgt Ion: 99 Resp: 846168
Ion Ratio Lower Upper
99 100
42 23.2 18.2 27.4
71 35.0 27.3 40.9

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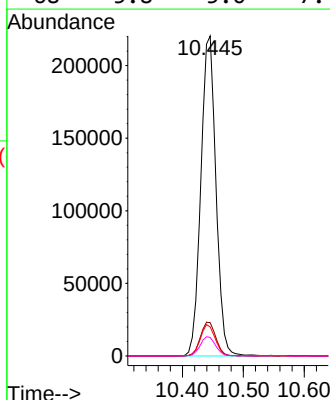
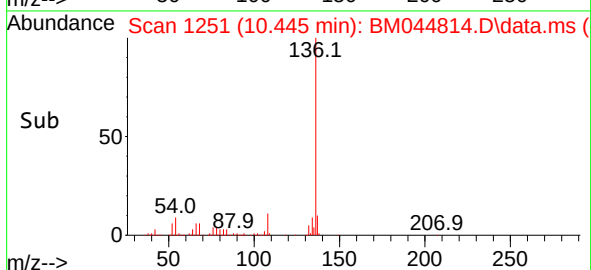
Reviewed By :Yogesh Patel 03/30/2024
Supervised By :mohammad ahmed 03/30/2024

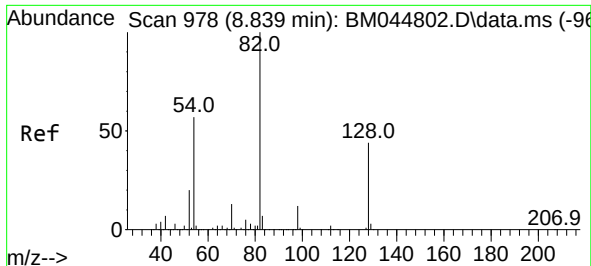


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.445 min Scan# 1251
Delta R.T. -0.011 min
Lab File: BM044814.D
Acq: 29 Mar 2024 13:11



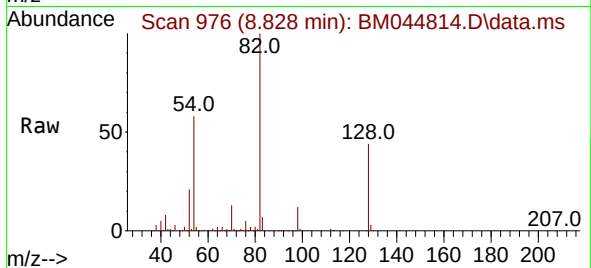
Tgt Ion:136 Resp: 379289
Ion Ratio Lower Upper
136 100
137 10.4 8.4 12.6
54 9.1 7.3 10.9
68 5.8 5.0 7.4





#23
Nitrobenzene-d5
Concen: 63.241 ng
RT: 8.828 min Scan# 91
Delta R.T. -0.011 min
Lab File: BM044814.D
Acq: 29 Mar 2024 13:11

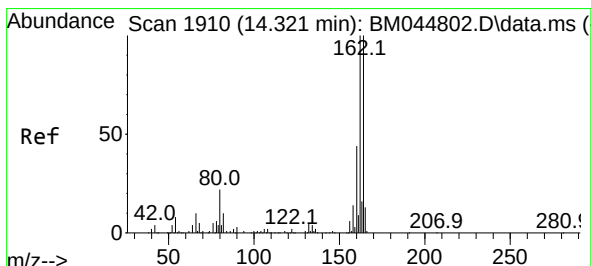
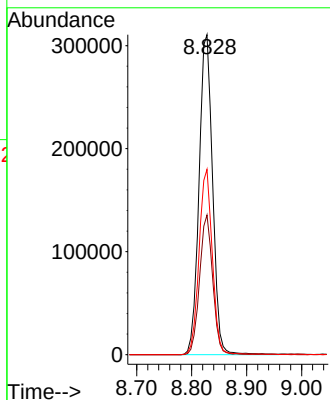
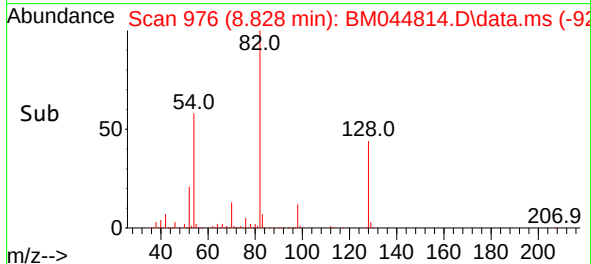
Instrument :
BNA_M
ClientSampleId :
EB-01(2-4)



Tgt Ion: 82 Resp: 53208
Ion Ratio Lower Upper
82 100
128 43.6 34.8 52.2
54 57.9 45.4 68.0

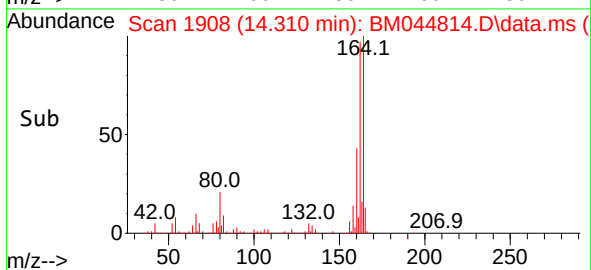
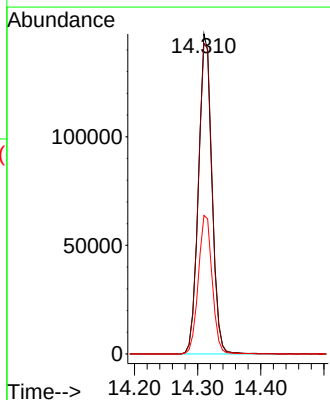
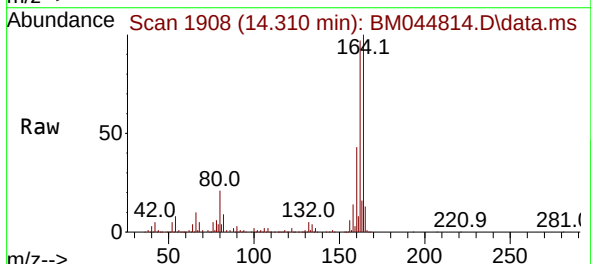
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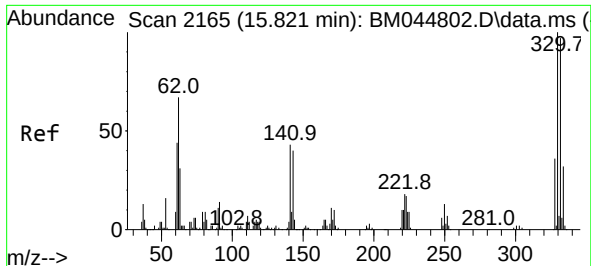
Reviewed By :Yogesh Patel 03/30/2024
Supervised By :mohammad ahmed 03/30/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.310 min Scan# 1908
Delta R.T. -0.011 min
Lab File: BM044814.D
Acq: 29 Mar 2024 13:11

Tgt Ion:164 Resp: 216231
Ion Ratio Lower Upper
164 100
162 97.0 80.2 120.4
160 43.3 35.4 53.2





#42
2,4,6-Tribromophenol
Concen: 110.413 ng
RT: 15.816 min Scan# 2164
Delta R.T. -0.006 min
Lab File: BM044814.D
Acq: 29 Mar 2024 13:11

Instrument :

BNA_M

ClientSampleId :

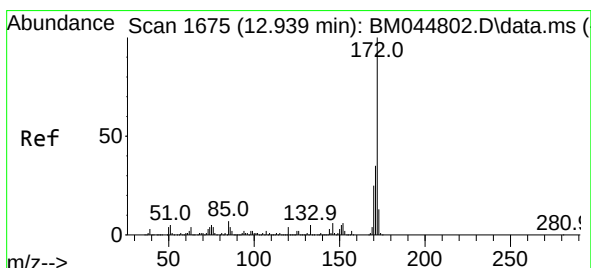
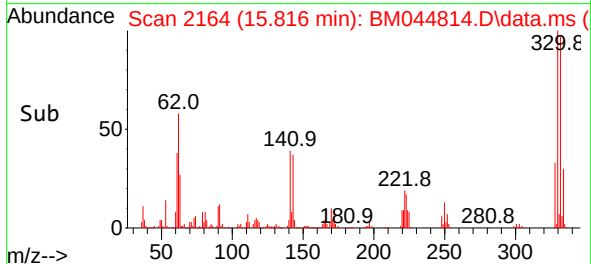
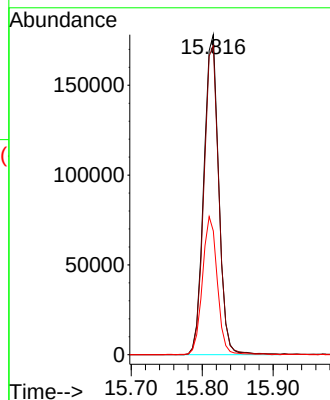
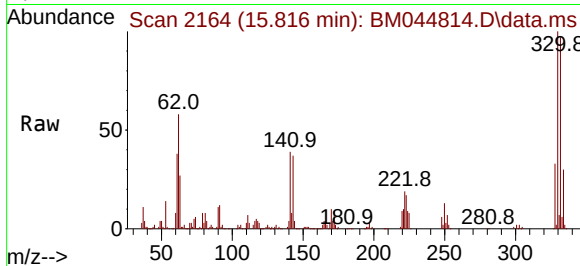
EB-01(2-4)

Tgt Ion:330 Resp: 260892
Ion Ratio Lower Upper
330 100
332 97.1 77.0 115.4
141 43.0 34.1 51.1

Manual Integrations

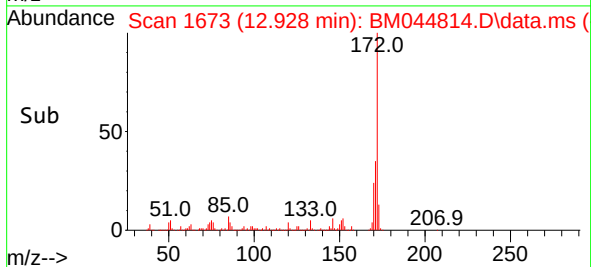
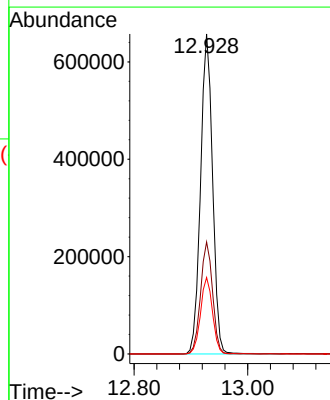
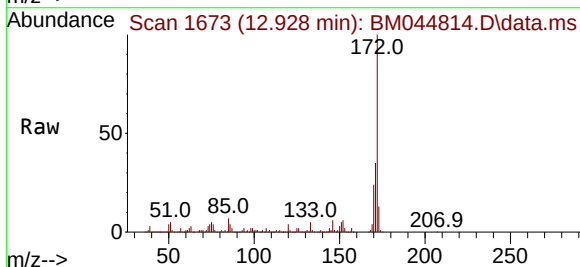
APPROVED

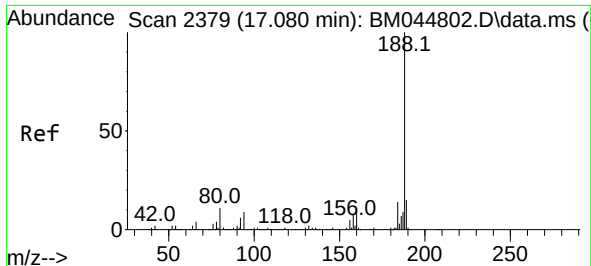
Reviewed By :Yogesh Patel 03/30/2024
Supervised By :mohammad ahmed 03/30/2024



#45
2-Fluorobiphenyl
Concen: 57.254 ng
RT: 12.928 min Scan# 1673
Delta R.T. -0.011 min
Lab File: BM044814.D
Acq: 29 Mar 2024 13:11

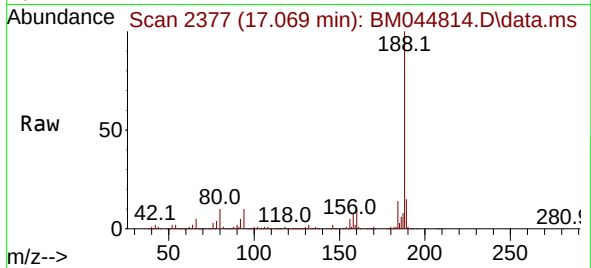
Tgt Ion:172 Resp: 966603
Ion Ratio Lower Upper
172 100
171 35.0 27.8 41.8
170 23.9 19.8 29.6





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.069 min Scan# 21
Delta R.T. -0.011 min
Lab File: BM044814.D
Acq: 29 Mar 2024 13:11

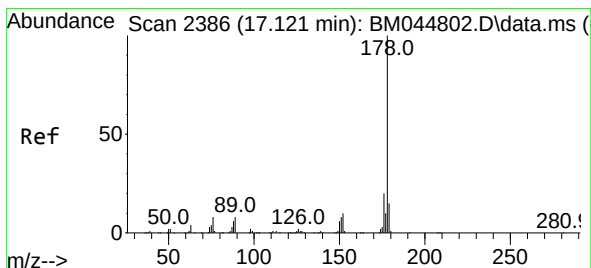
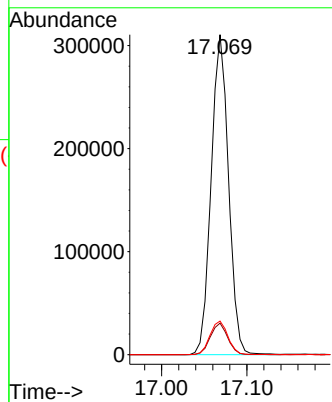
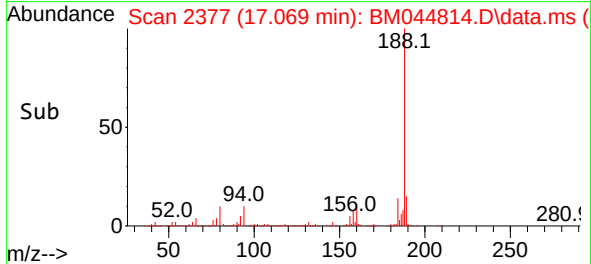
Instrument :
BNA_M
ClientSampleId :
EB-01(2-4)



Tgt Ion:188 Resp: 439694
Ion Ratio Lower Upper
188 100
94 9.9 7.4 11.0
80 10.5 8.6 12.8

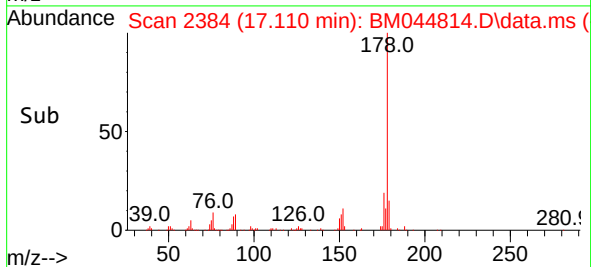
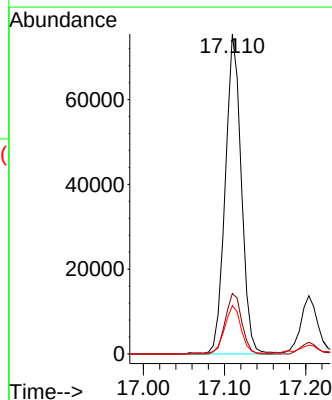
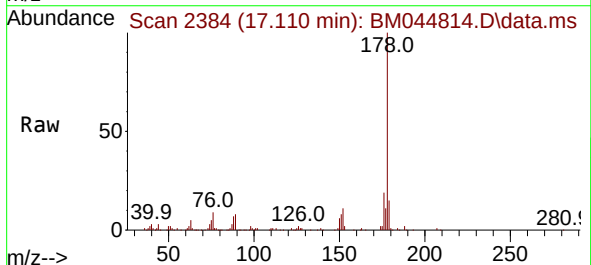
Manual Integrations
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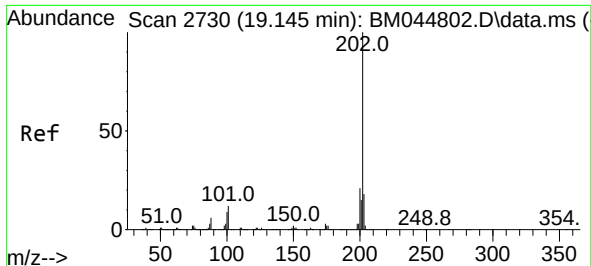
Reviewed By :Yogesh Patel 03/30/2024
Supervised By :mohammad ahmed 03/30/2024



#71
Phenanthrene
Concen: 4.237 ng
RT: 17.110 min Scan# 2384
Delta R.T. -0.011 min
Lab File: BM044814.D
Acq: 29 Mar 2024 13:11

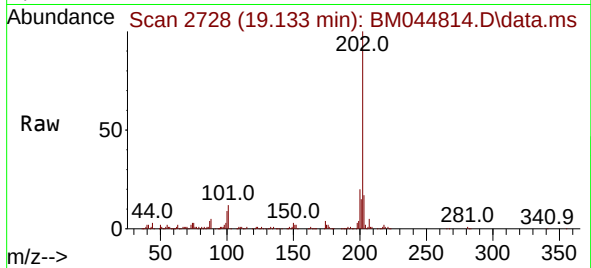
Tgt Ion:178 Resp: 103944
Ion Ratio Lower Upper
178 100
176 18.9 16.0 24.0
179 15.1 12.2 18.2





#75
Fluoranthene
Concen: 5.827 ng
RT: 19.133 min Scan# 21
Delta R.T. -0.011 min
Lab File: BM044814.D
Acq: 29 Mar 2024 13:11

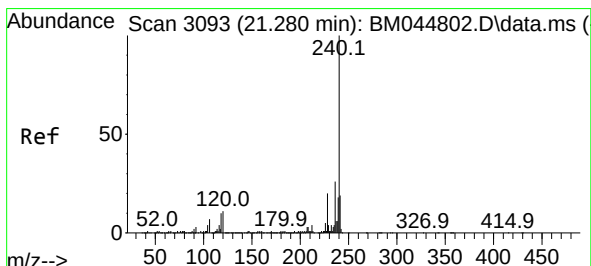
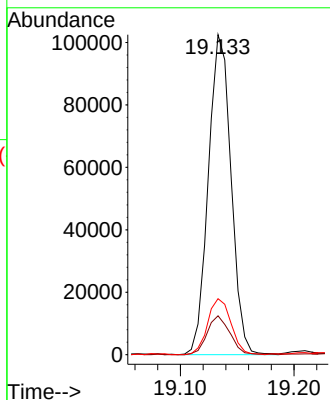
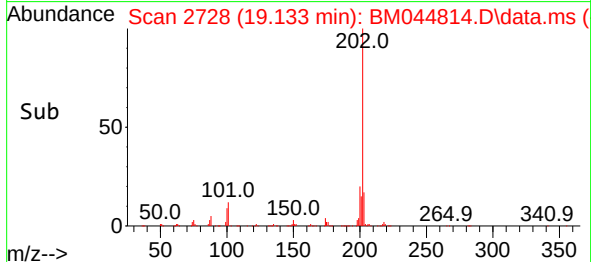
Instrument :
BNA_M
ClientSampleId :
EB-01(2-4)



Tgt Ion:202 Resp: 142674
Ion Ratio Lower Upper
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101 12.1 0.0 32.2
203 17.5 0.0 37.6

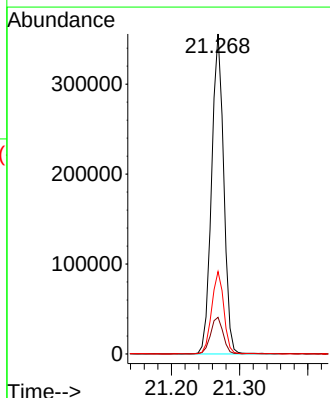
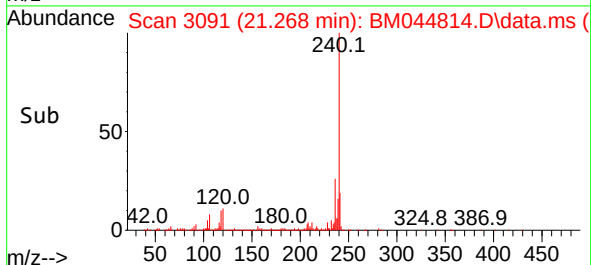
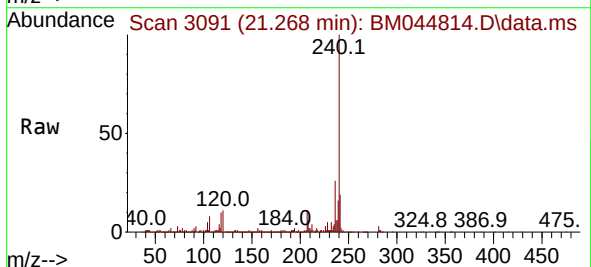
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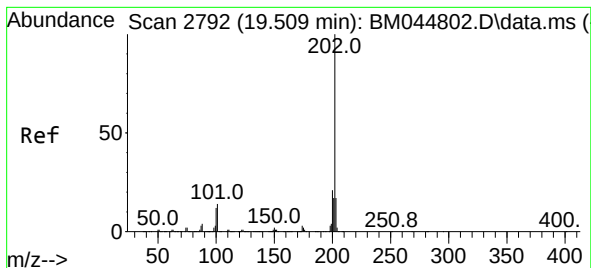
Reviewed By :Yogesh Patel 03/30/2024
Supervised By :mohammad ahmed 03/30/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.268 min Scan# 3091
Delta R.T. -0.011 min
Lab File: BM044814.D
Acq: 29 Mar 2024 13:11

Tgt Ion:240 Resp: 441360
Ion Ratio Lower Upper
240 100
120 11.4 8.6 12.8
236 25.8 20.8 31.2





#78

Pyrene

Concen: 4.913 ng

RT: 19.498 min Scan# 21

Delta R.T. -0.011 min

Lab File: BM044814.D

Acq: 29 Mar 2024 13:11

Instrument :

BNA_M

ClientSampleId :

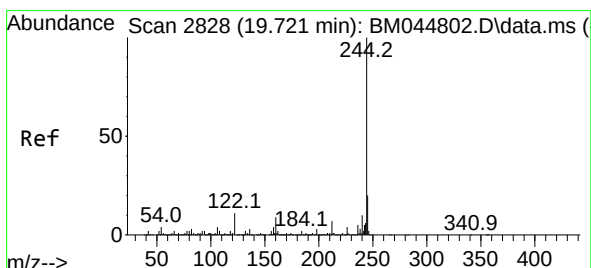
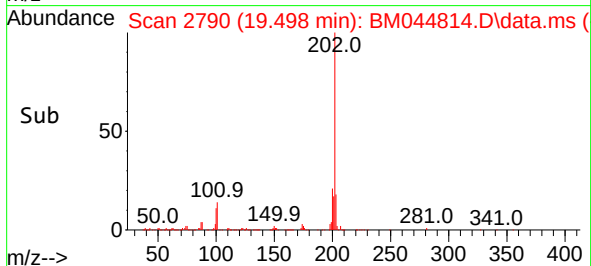
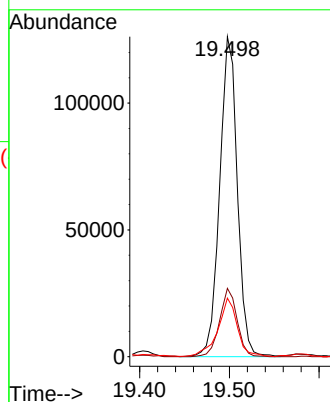
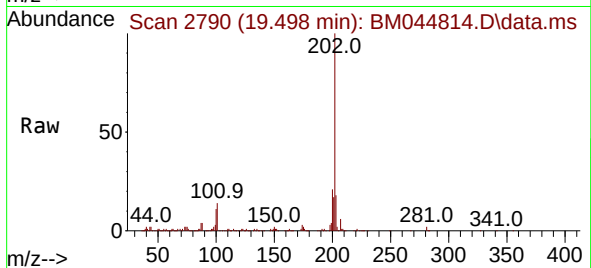
EB-01(2-4)

Tgt Ion:202 Resp: 17280
 Ion Ratio Lower Upper
 202 100
 200 21.3 17.0 25.4
 203 18.3 13.9 20.9

Manual Integrations

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Reviewed By :Yogesh Patel 03/30/2024
 Supervised By :mohammad ahmed 03/30/2024



#79

Terphenyl-d14

Concen: 54.202 ng

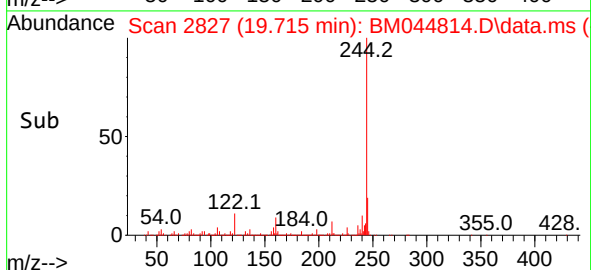
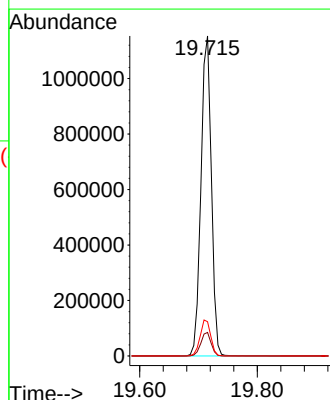
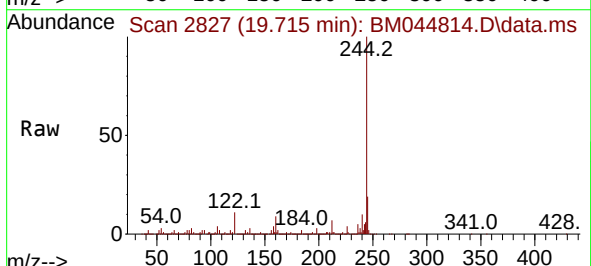
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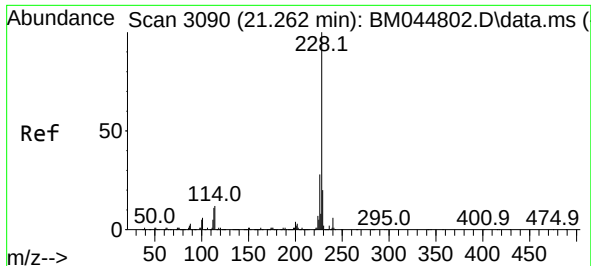
Delta R.T. -0.006 min

Lab File: BM044814.D

Acq: 29 Mar 2024 13:11

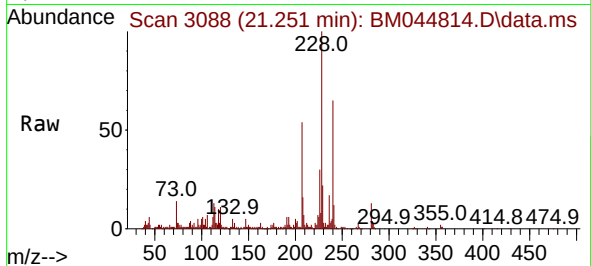
Tgt Ion:244 Resp: 1411598
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.8
 122 10.7 8.8 13.2





#81
Benzo(a)anthracene
Concen: 2.819 ng
RT: 21.251 min Scan# 3088
Delta R.T. -0.011 min
Lab File: BM044814.D
Acq: 29 Mar 2024 13:11

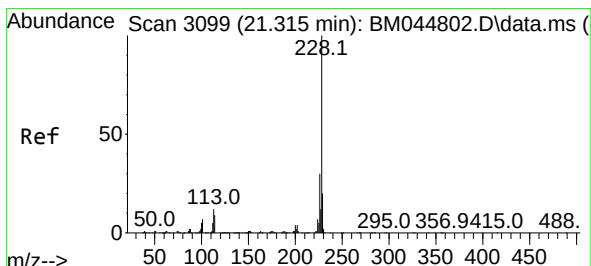
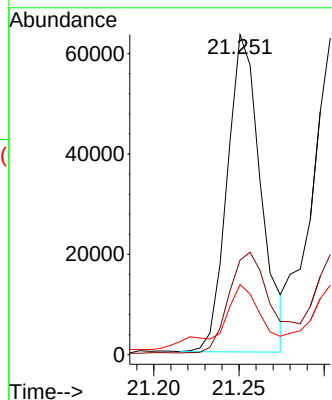
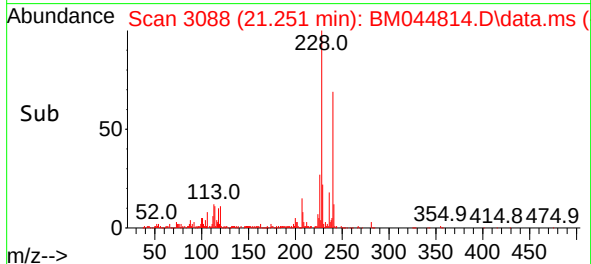
Instrument :
BNA_M
ClientSampleId :
EB-01(2-4)



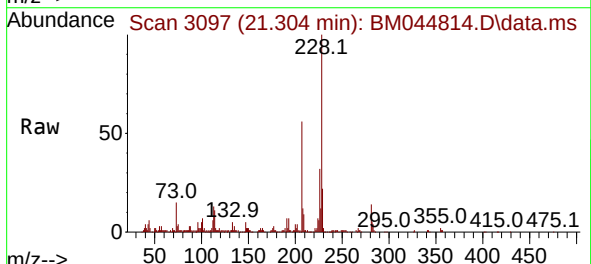
Tgt Ion:228 Resp: 8673
Ion Ratio Lower Upper
228 100
226 29.5 22.1 33.1
229 21.9 15.8 23.8

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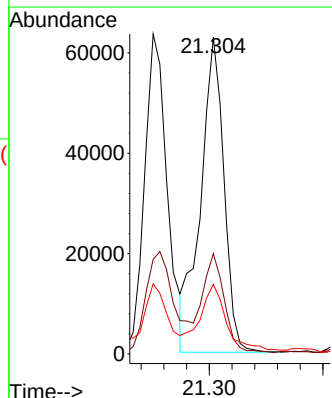
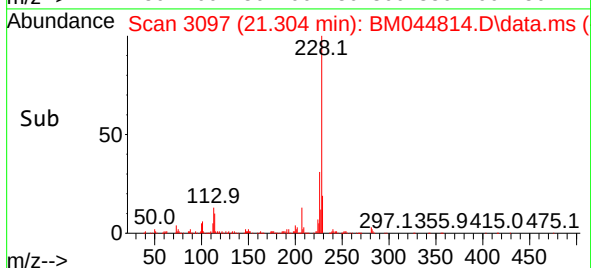
Reviewed By :Yogesh Patel 03/30/2024
Supervised By :mohammad ahmed 03/30/2024

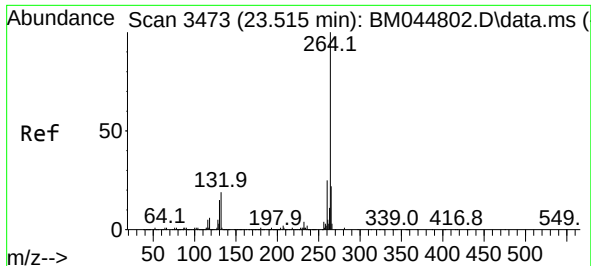


#83
Chrysene
Concen: 3.050 ng
RT: 21.304 min Scan# 3097
Delta R.T. -0.011 min
Lab File: BM044814.D
Acq: 29 Mar 2024 13:11



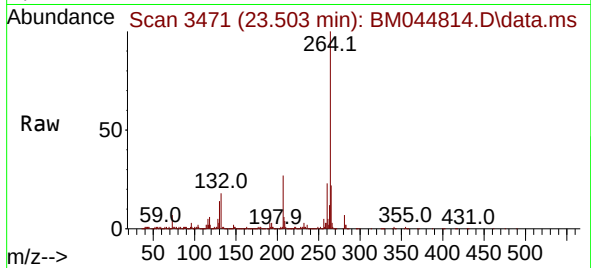
Tgt Ion:228 Resp: 89940
Ion Ratio Lower Upper
228 100
226 31.7 23.7 35.5
229 22.0 15.7 23.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.503 min Scan# 3473
Delta R.T. -0.011 min
Lab File: BM044814.D
Acq: 29 Mar 2024 13:11

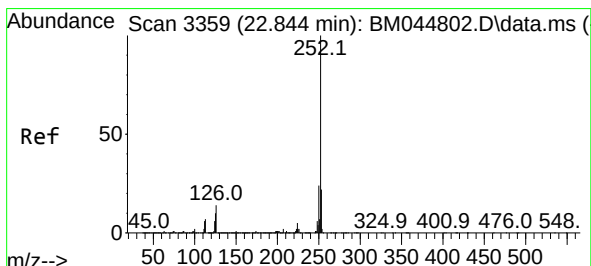
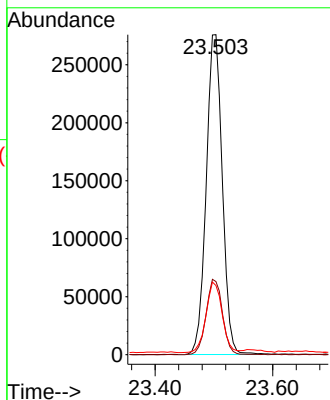
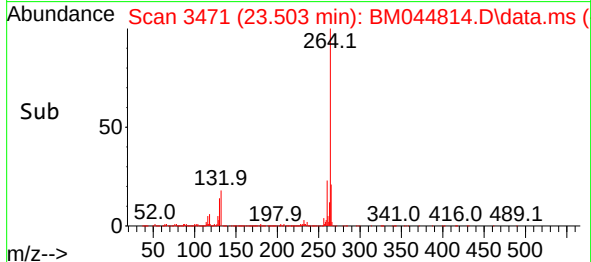
Instrument :
BNA_M
ClientSampleId :
EB-01(2-4)



Tgt Ion:264 Resp: 52570
Ion Ratio Lower Upper
264 100
260 22.9 19.7 29.5
265 21.6 18.9 28.3

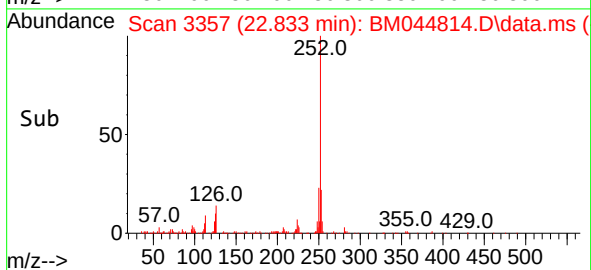
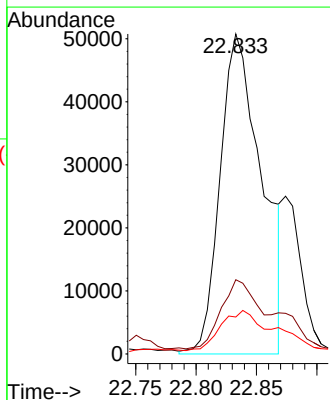
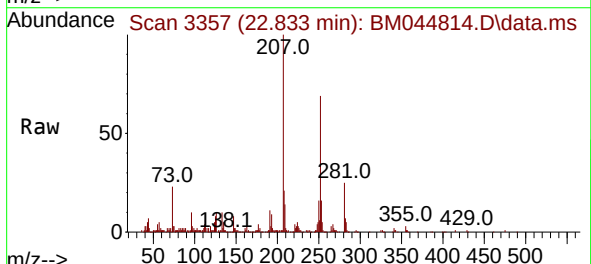
Manual Integrations
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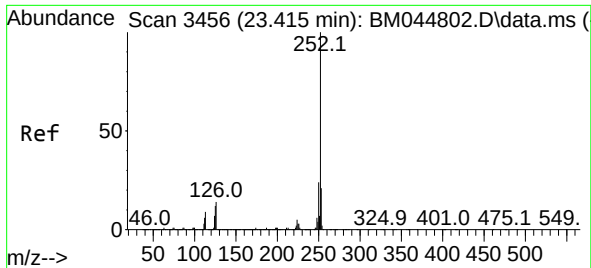
Reviewed By :Yogesh Patel 03/30/2024
Supervised By :mohammad ahmed 03/30/2024



#88
Benzo(b)fluoranthene
Concen: 4.087 ng m
RT: 22.833 min Scan# 3357
Delta R.T. -0.011 min
Lab File: BM044814.D
Acq: 29 Mar 2024 13:11

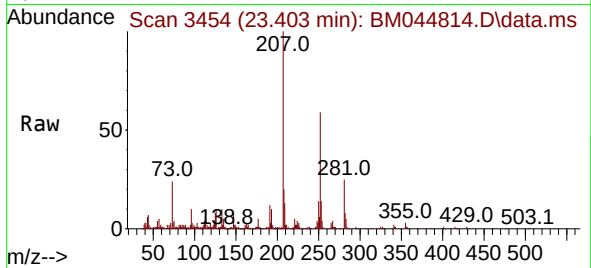
Tgt Ion:252 Resp: 121742
Ion Ratio Lower Upper
252 100
253 23.2 17.5 26.3
125 11.5 8.6 12.8





#90
Benzo(a)pyrene
Concen: 2.846 ng
RT: 23.403 min Scan# 34
Delta R.T. -0.011 min
Lab File: BM044814.D
Acq: 29 Mar 2024 13:11

Instrument :
BNA_M
ClientSampleId :
EB-01(2-4)



Tgt Ion:252 Resp: 8605
Ion Ratio Lower Upper
252 100
253 23.6 17.3 25.9
125 14.2 9.8 14.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/30/2024
Supervised By :mohammad ahmed 03/30/2024

