

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032924\
 Data File : BM044823.D
 Acq On : 29 Mar 2024 20:04
 Operator : MA/JU
 Sample : P1879-05 2X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EB-03(0-2)

Manual Integrations
 APPROVED

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

Quant Time: Mar 29 23:23:28 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	7.669	152	158440	20.000	ng	0.00
21) Naphthalene-d8	10.445	136	619595	20.000	ng	-0.01
39) Acenaphthene-d10	14.316	164	321221	20.000	ng	0.00
64) Phenanthrene-d10	17.074	188	489680	20.000	ng	0.00
76) Chrysene-d12	21.274	240	366894	20.000	ng	0.00
86) Perylene-d12	23.509	264	430795	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	503545	45.517	ng	0.00
7) Phenol-d6	6.851	99	656134	45.724	ng	0.00
23) Nitrobenzene-d5	8.828	82	400792	29.161	ng	-0.01
42) 2,4,6-Tribromophenol	15.815	330	153711	43.790	ng	0.00
45) 2-Fluorobiphenyl	12.927	172	771968	30.780	ng	-0.01
79) Terphenyl-d14	19.715	244	654032	30.210	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	14.039	152	177278	5.720	ng	97
71) Phenanthrene	17.115	178	564070	20.647	ng	99
72) Anthracene	17.204	178	167746	6.079	ng	99
75) Fluoranthene	19.139	202	593844	21.777	ng	99
78) Pyrene	19.503	202	985334	33.703	ng	99
81) Benzo(a)anthracene	21.256	228	498308m	19.485	ng	
83) Chrysene	21.309	228	479416	19.559	ng	96
87) Indeno(1,2,3-cd)pyrene	25.762	276	364876	11.150	ng	96
88) Benzo(b)fluoranthene	22.838	252	516028m	21.139	ng	
89) Benzo(k)fluoranthene	22.880	252	174620m	7.124	ng	
90) Benzo(a)pyrene	23.415	252	505745	20.414	ng	98
91) Dibenzo(a,h)anthracene	25.768	278	98894	3.649	ng	# 79
92) Benzo(g,h,i)perylene	26.456	276	499702	17.721	ng	98

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

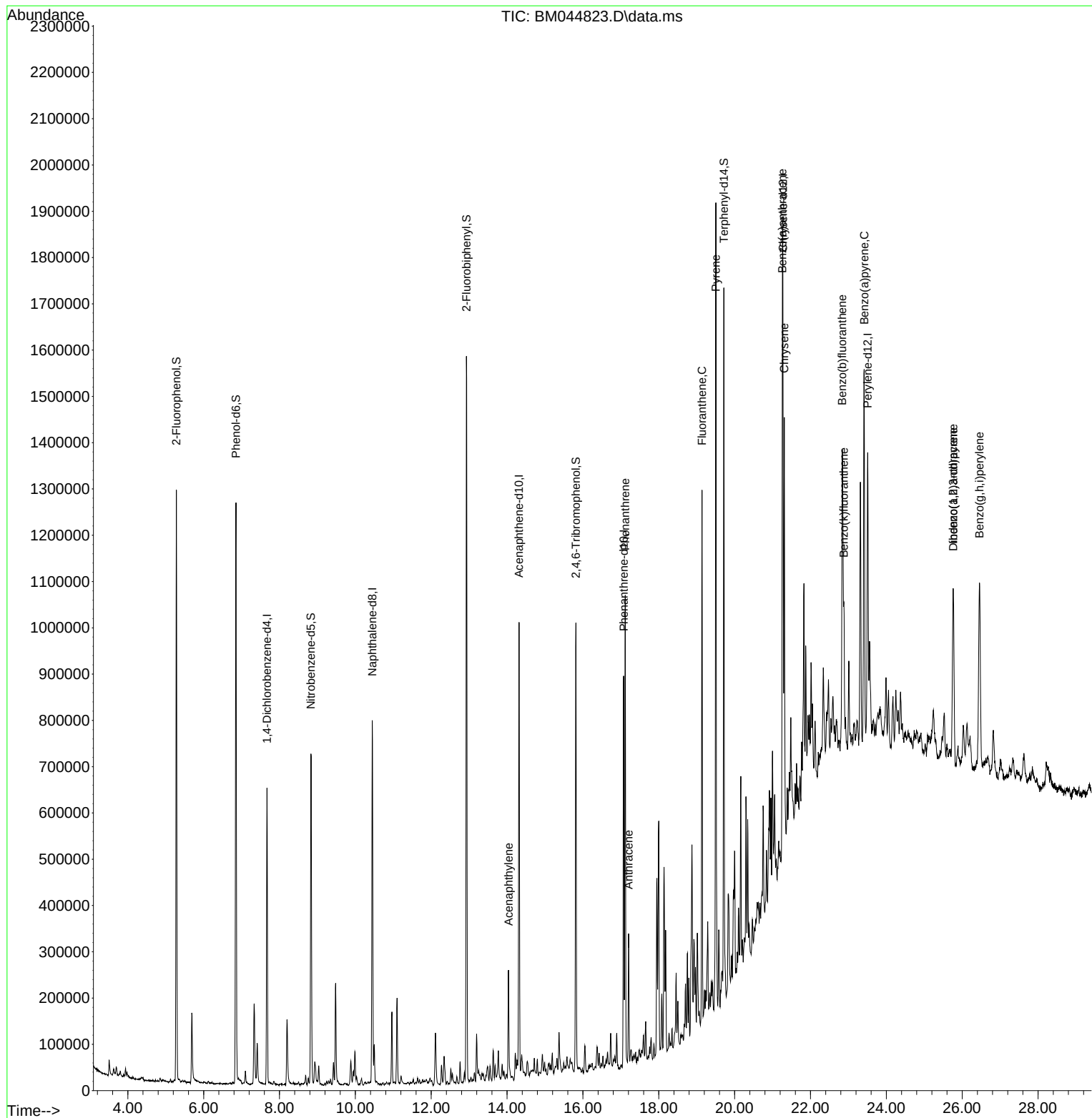
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032924\
Data File : BM044823.D
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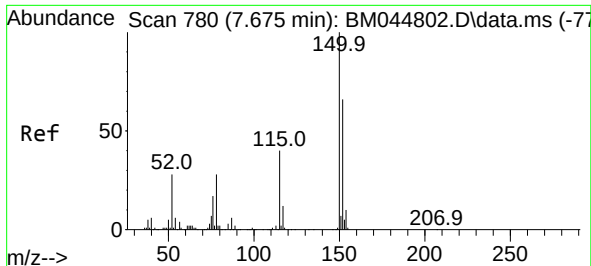
Instrument :
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Quant Time: Mar 29 23:23:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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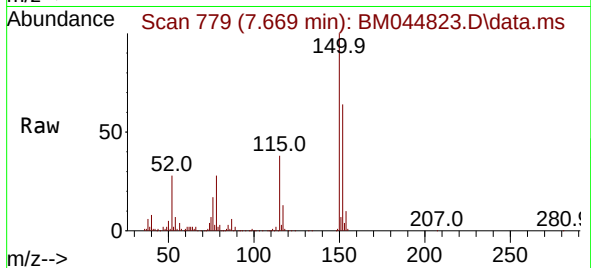
Reviewed By :Yogesh Patel 03/30/2024
Supervised By :mohammad ahmed 03/30/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.669 min Scan# 71
Delta R.T. -0.006 min
Lab File: BM044823.D
Acq: 29 Mar 2024 20:04

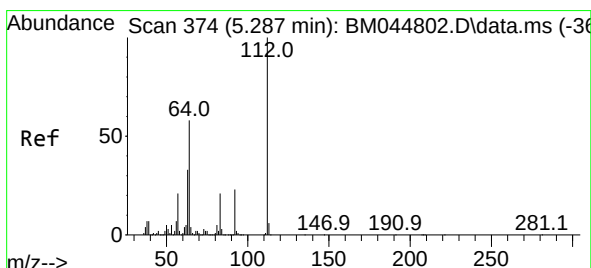
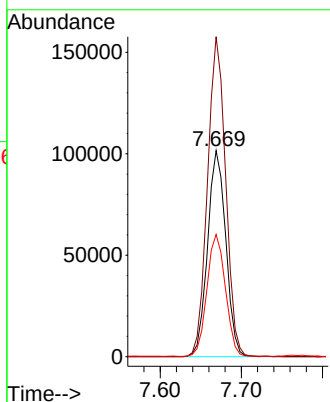
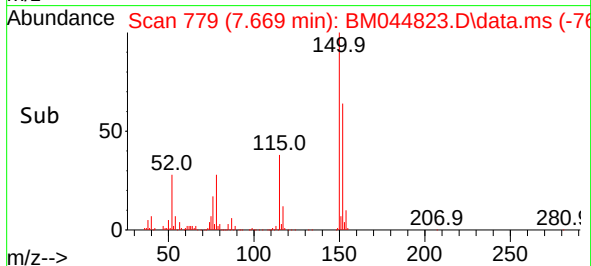
Instrument :
BNA_M
ClientSampleId :
EB-03(0-2)



Tgt Ion:152 Resp: 158440
Ion Ratio Lower Upper
152 100
150 155.3 121.0 181.6
115 59.3 48.3 72.5

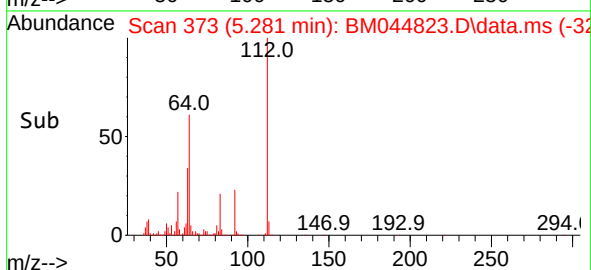
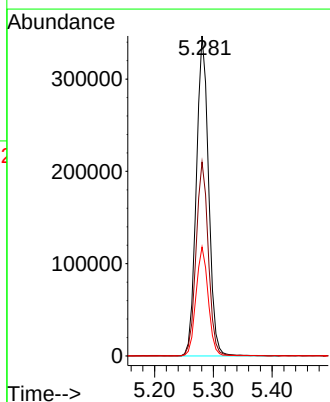
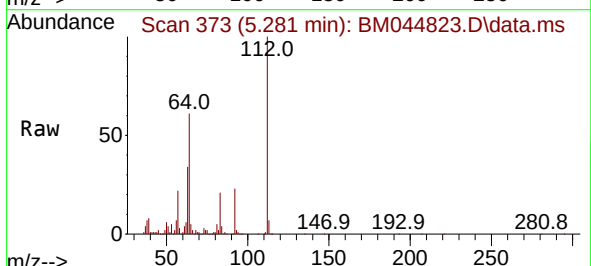
Manual Integrations
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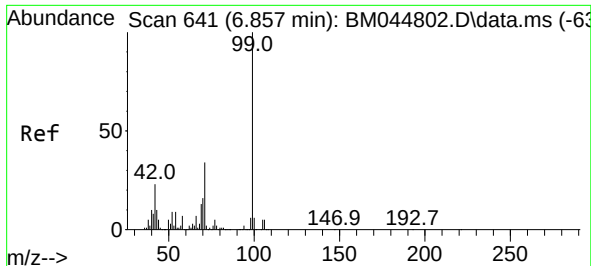
Reviewed By :Yogesh Patel 03/30/2024
Supervised By :mohammad ahmed 03/30/2024



#5
2-Fluorophenol
Concen: 45.517 ng
RT: 5.281 min Scan# 373
Delta R.T. -0.006 min
Lab File: BM044823.D
Acq: 29 Mar 2024 20:04

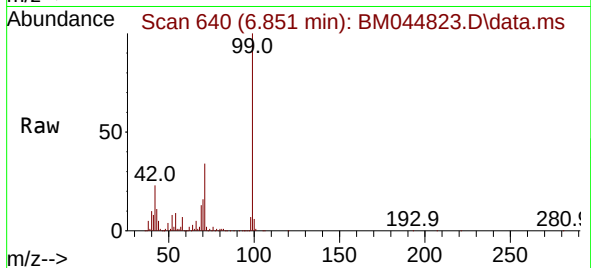
Tgt Ion:112 Resp: 503545
Ion Ratio Lower Upper
112 100
64 60.6 46.4 69.6
63 34.1 26.2 39.4





#7
Phenol-d6
Concen: 45.724 ng
RT: 6.851 min Scan# 641
Delta R.T. -0.006 min
Lab File: BM044823.D
Acq: 29 Mar 2024 20:04

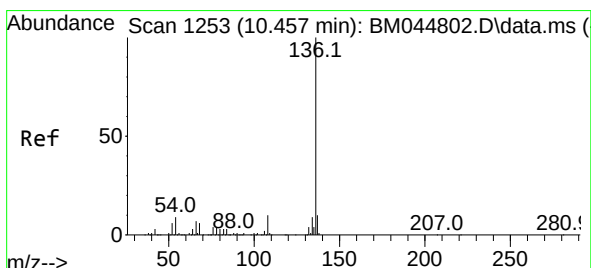
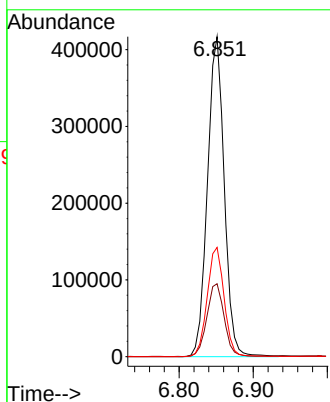
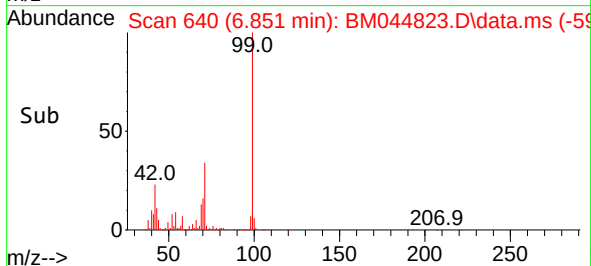
Instrument :
BNA_M
ClientSampleId :
EB-03(0-2)



Tgt Ion: 99 Resp: 656134
Ion Ratio Lower Upper
99 100
42 22.8 18.2 27.4
71 34.1 27.3 40.9

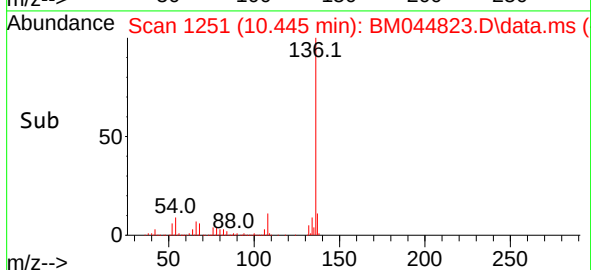
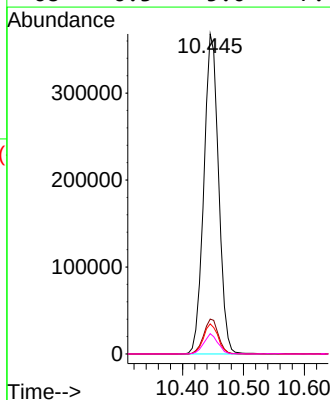
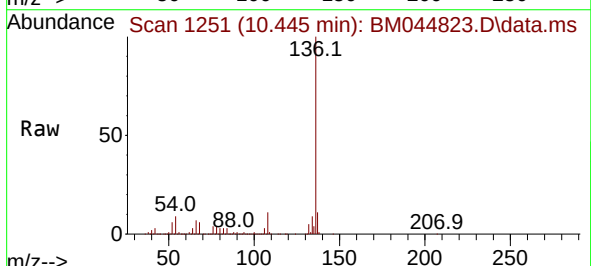
Manual Integrations
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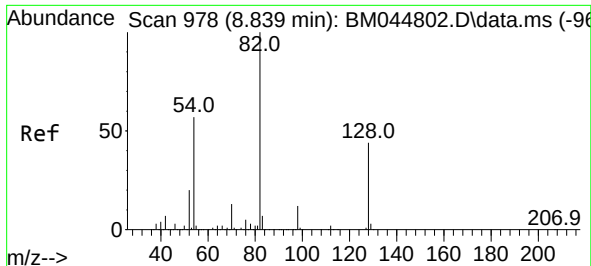
Reviewed By :Yogesh Patel 03/30/2024
Supervised By :mohammad ahmed 03/30/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.445 min Scan# 1251
Delta R.T. -0.012 min
Lab File: BM044823.D
Acq: 29 Mar 2024 20:04

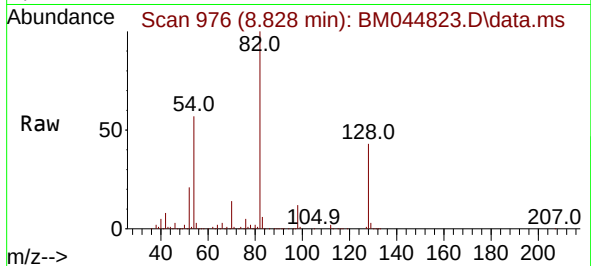
Tgt Ion:136 Resp: 619595
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 9.4 7.3 10.9
68 6.3 5.0 7.4





#23
Nitrobenzene-d5
Concen: 29.161 ng
RT: 8.828 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM044823.D
Acq: 29 Mar 2024 20:04

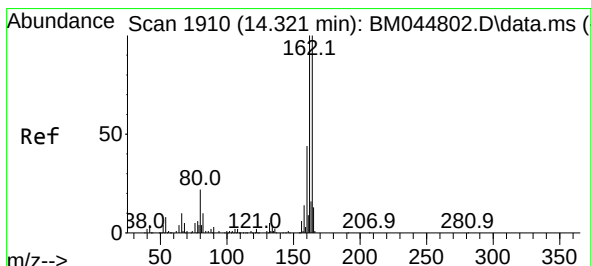
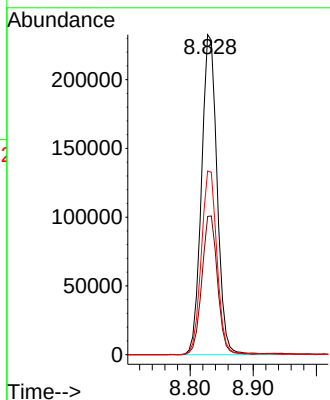
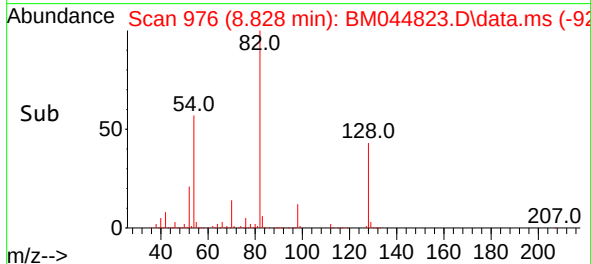
Instrument :
BNA_M
ClientSampleId :
EB-03(0-2)



Tgt Ion: 82 Resp: 400792
Ion Ratio Lower Upper
82 100
128 43.2 34.8 52.2
54 57.4 45.4 68.0

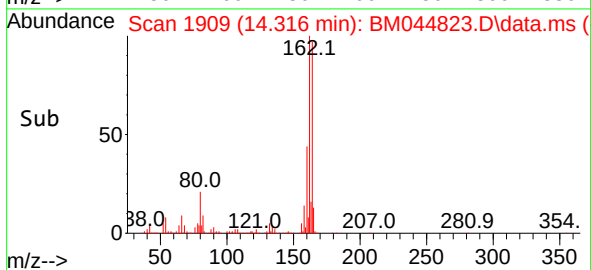
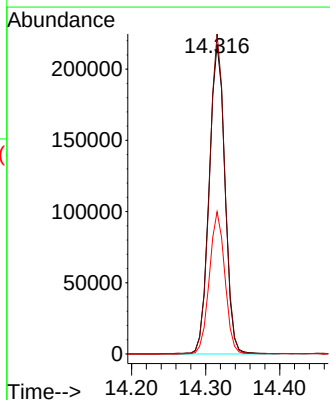
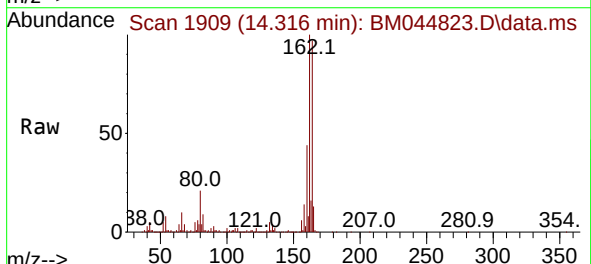
Manual Integrations
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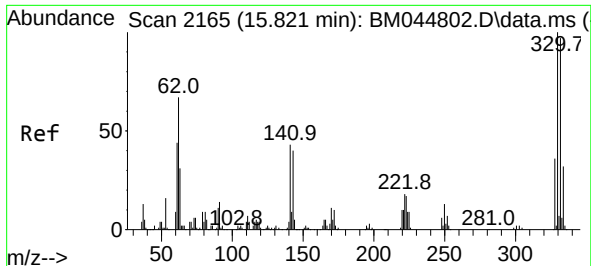
Reviewed By :Yogesh Patel 03/30/2024
Supervised By :mohammad ahmed 03/30/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.316 min Scan# 1909
Delta R.T. -0.006 min
Lab File: BM044823.D
Acq: 29 Mar 2024 20:04

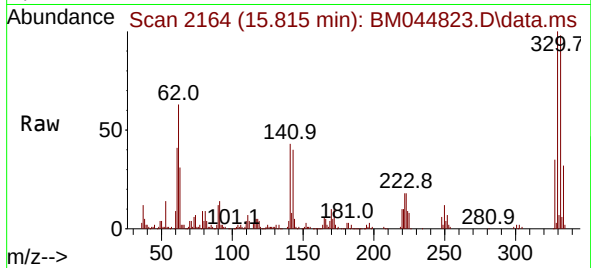
Tgt Ion:164 Resp: 321221
Ion Ratio Lower Upper
164 100
162 103.4 80.2 120.4
160 45.9 35.4 53.2





#42
2,4,6-Tribromophenol
Concen: 43.790 ng
RT: 15.815 min Scan# 2164
Delta R.T. -0.006 min
Lab File: BM044823.D
Acq: 29 Mar 2024 20:04

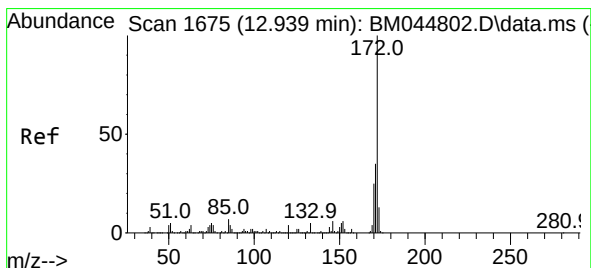
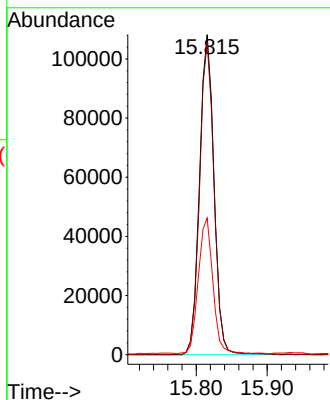
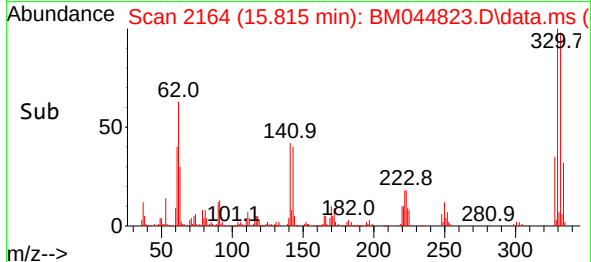
Instrument :
BNA_M
ClientSampleId :
EB-03(0-2)



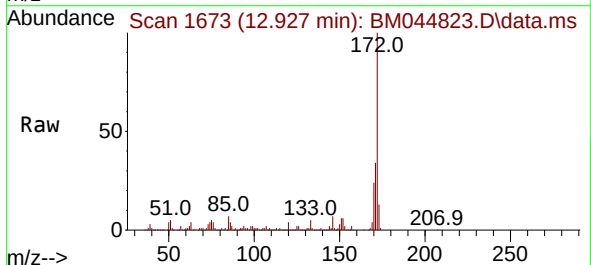
Tgt Ion:330 Resp: 15371
Ion Ratio Lower Upper
330 100
332 97.2 77.0 115.4
141 42.3 34.1 51.1

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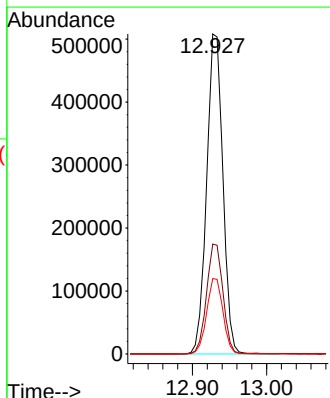
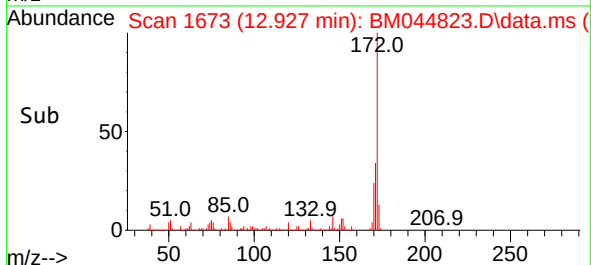
Reviewed By :Yogesh Patel 03/30/2024
Supervised By :mohammad ahmed 03/30/2024

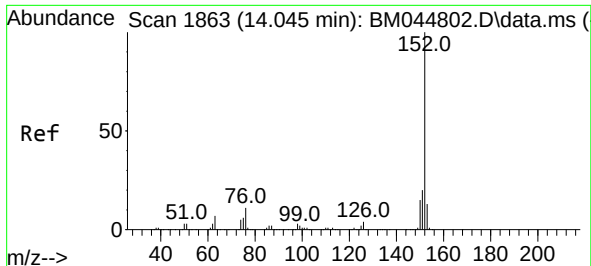


#45
2-Fluorobiphenyl
Concen: 30.780 ng
RT: 12.927 min Scan# 1673
Delta R.T. -0.012 min
Lab File: BM044823.D
Acq: 29 Mar 2024 20:04



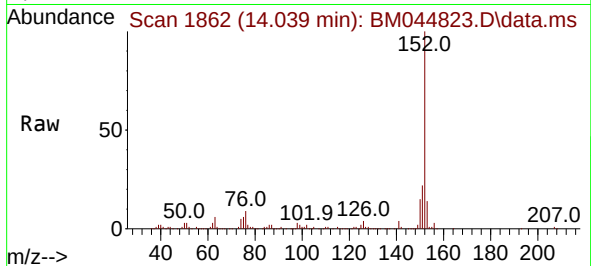
Tgt Ion:172 Resp: 771968
Ion Ratio Lower Upper
172 100
171 34.3 27.8 41.8
170 23.5 19.8 29.6





#49
Acenaphthylene
Concen: 5.720 ng
RT: 14.039 min Scan# 1862
Delta R.T. -0.006 min
Lab File: BM044823.D
Acq: 29 Mar 2024 20:04

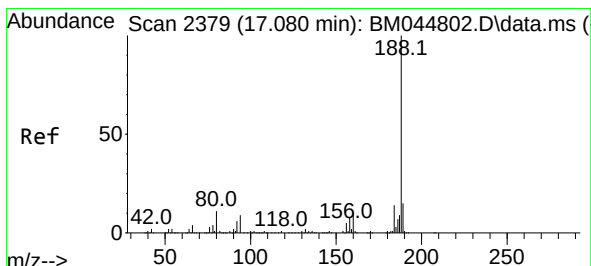
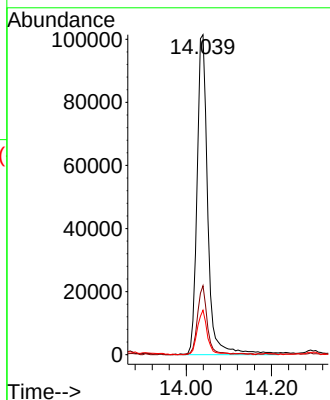
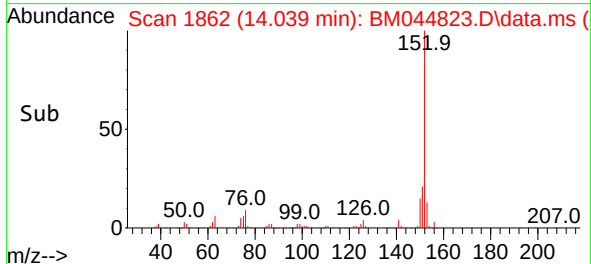
Instrument :
BNA_M
ClientSampleId :
EB-03(0-2)



Tgt Ion:152 Resp: 177278
Ion Ratio Lower Upper
152 100
151 21.6 16.0 24.0
153 13.9 10.2 15.2

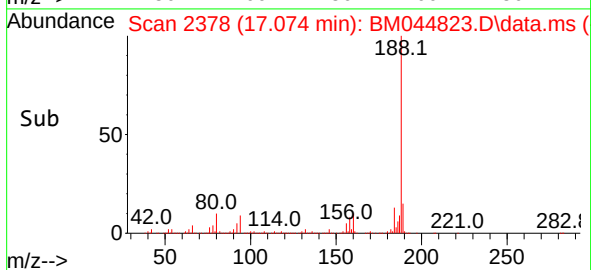
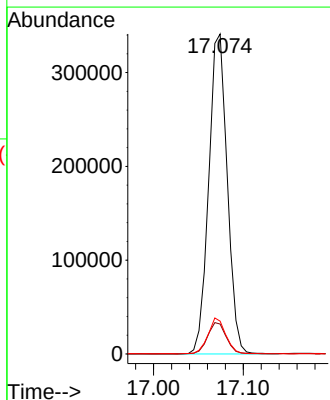
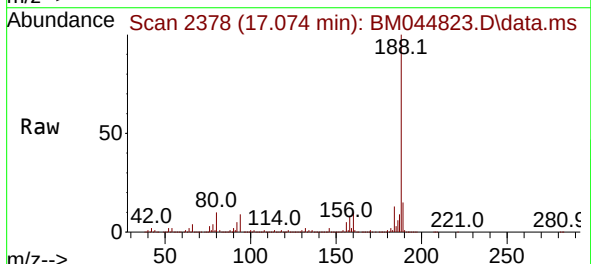
Manual Integrations
APPROVED

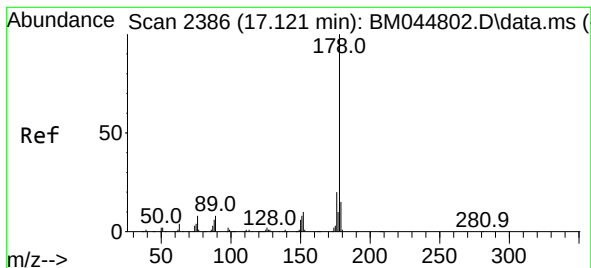
Reviewed By :Yogesh Patel 03/30/2024
Supervised By :mohammad ahmed 03/30/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.074 min Scan# 2378
Delta R.T. -0.006 min
Lab File: BM044823.D
Acq: 29 Mar 2024 20:04

Tgt Ion:188 Resp: 489680
Ion Ratio Lower Upper
188 100
94 9.4 7.4 11.0
80 10.3 8.6 12.8





#71

Phenanthrene

Concen: 20.647 ng

RT: 17.115 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM044823.D

Acq: 29 Mar 2024 20:04

Instrument :

BNA_M

ClientSampleId :

EB-03(0-2)

Tgt Ion:178 Resp: 564070

Ion Ratio Lower Upper

178 100

176 19.8 16.0 24.0

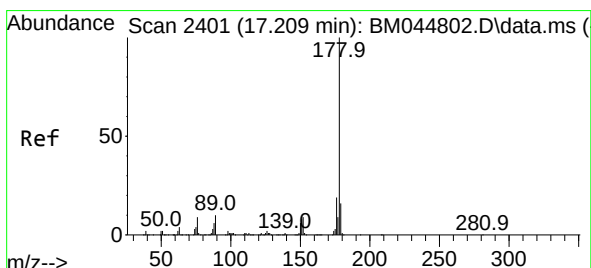
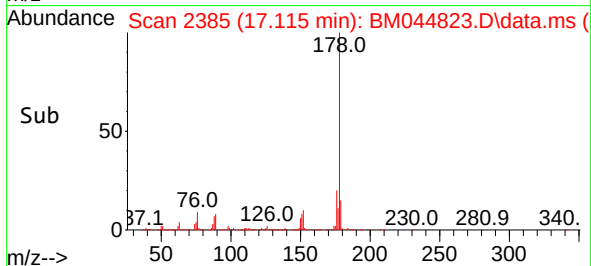
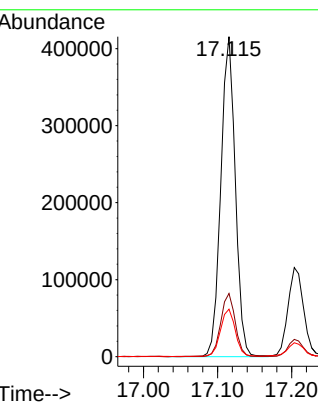
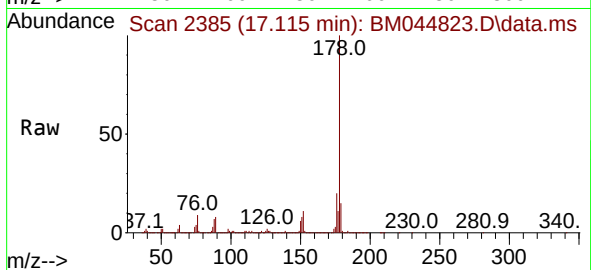
179 14.9 12.2 18.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/30/2024

Supervised By :mohammad ahmed 03/30/2024



#72

Anthracene

Concen: 6.079 ng

RT: 17.204 min Scan# 2400

Delta R.T. -0.006 min

Lab File: BM044823.D

Acq: 29 Mar 2024 20:04

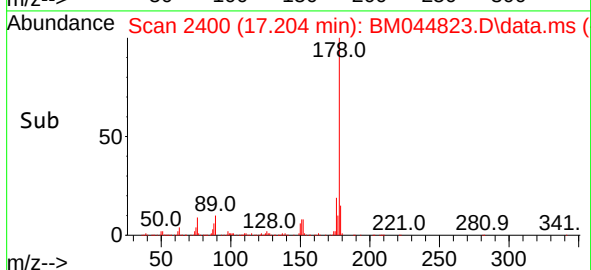
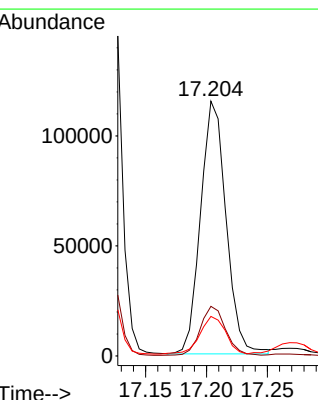
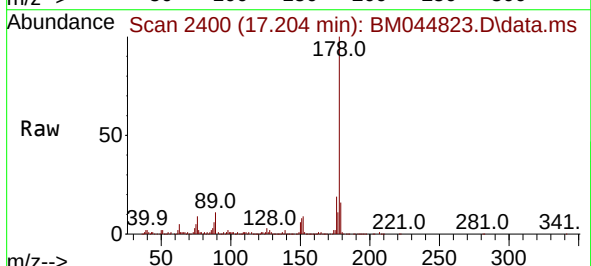
Tgt Ion:178 Resp: 167746

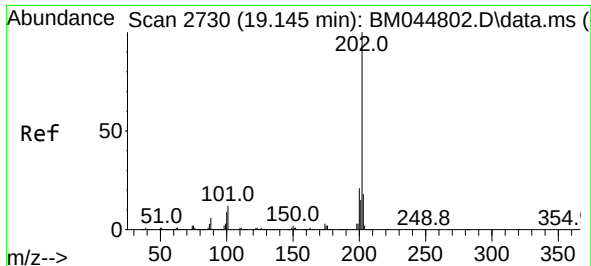
Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.0

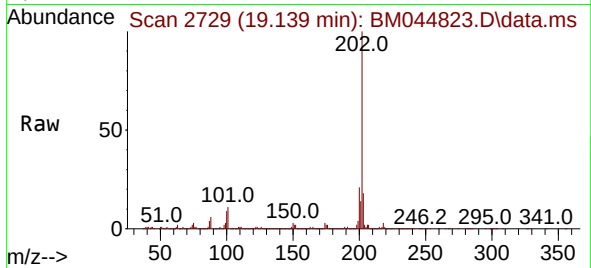
179 15.5 12.8 19.2





#75
Fluoranthene
Concen: 21.777 ng
RT: 19.139 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM044823.D
Acq: 29 Mar 2024 20:04

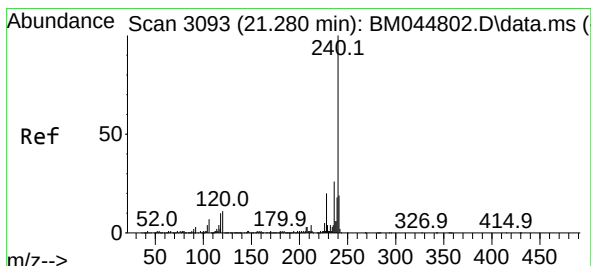
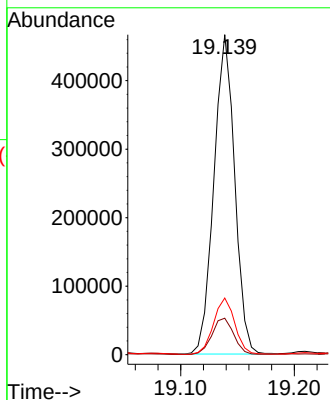
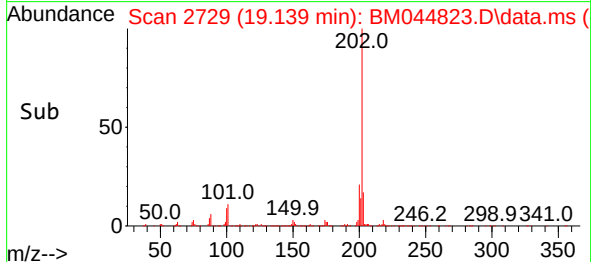
Instrument :
BNA_M
ClientSampleId :
EB-03(0-2)



Tgt Ion:202 Resp: 59384
Ion Ratio Lower Upper
202 100
101 11.4 0.0 32.2
203 17.7 0.0 37.6

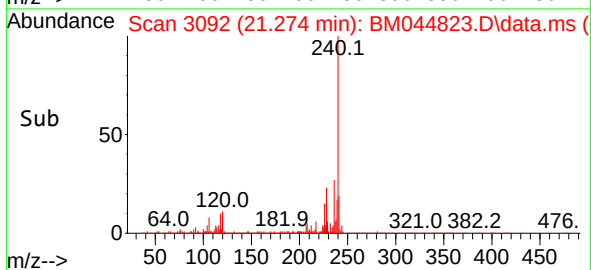
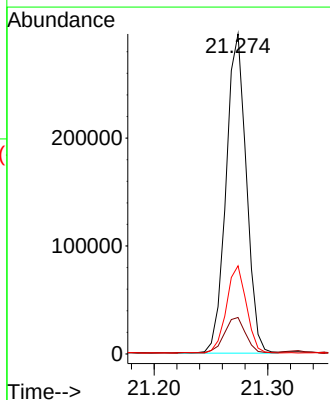
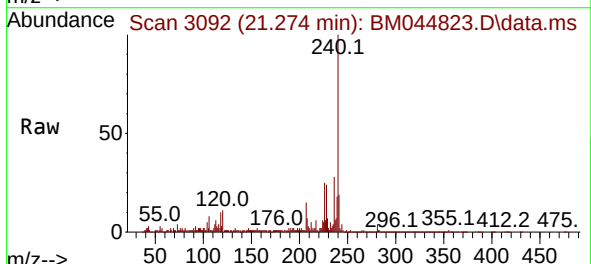
Manual Integrations
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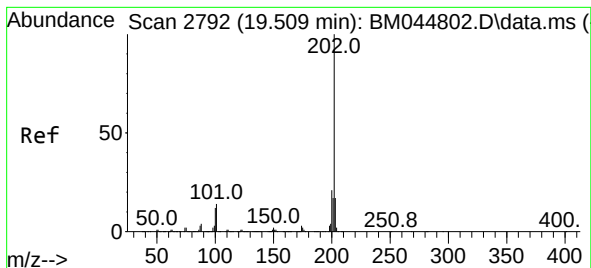
Reviewed By :Yogesh Patel 03/30/2024
Supervised By :mohammad ahmed 03/30/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.274 min Scan# 3092
Delta R.T. -0.006 min
Lab File: BM044823.D
Acq: 29 Mar 2024 20:04

Tgt Ion:240 Resp: 366894
Ion Ratio Lower Upper
240 100
120 11.4 8.6 12.8
236 27.5 20.8 31.2





#78

Pyrene

Concen: 33.703 ng

RT: 19.503 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM044823.D

Acq: 29 Mar 2024 20:04

Instrument :

BNA_M

ClientSampleId :

EB-03(0-2)

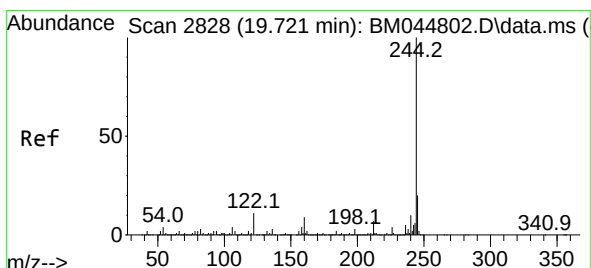
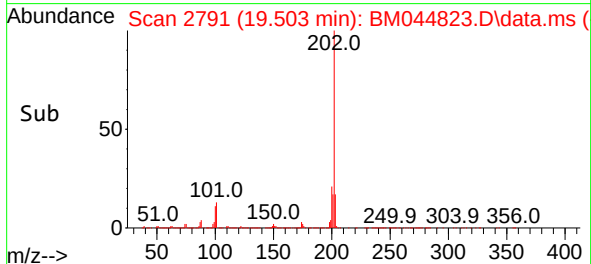
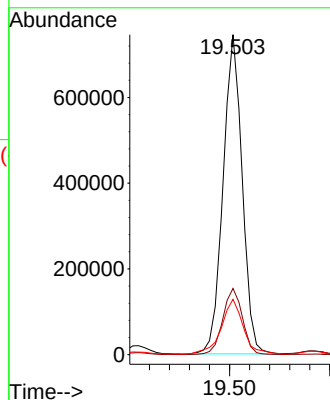
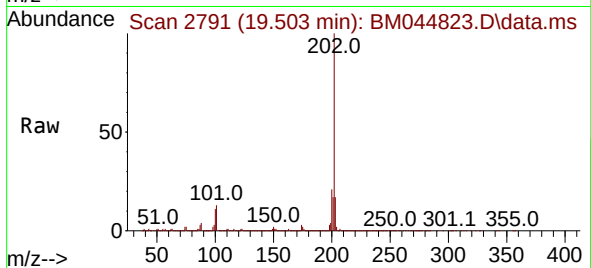
Tgt Ion:202 Resp: 985334
 Ion Ratio Lower Upper
 202 100
 200 20.7 17.0 25.4
 203 17.3 13.9 20.9

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Reviewed By :Yogesh Patel 03/30/2024

Supervised By :mohammad ahmed 03/30/2024



#79

Terphenyl-d14

Concen: 30.210 ng

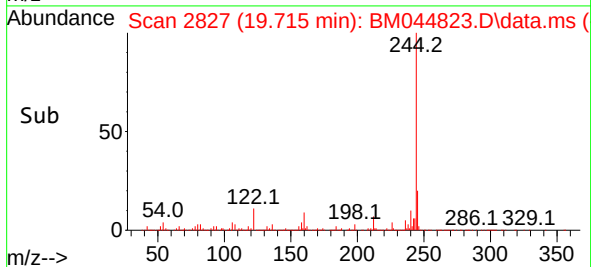
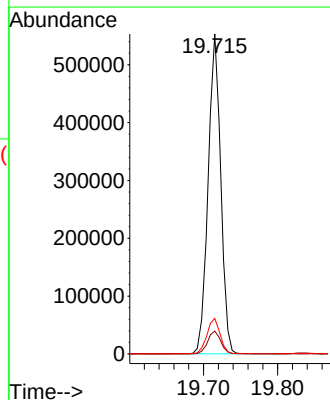
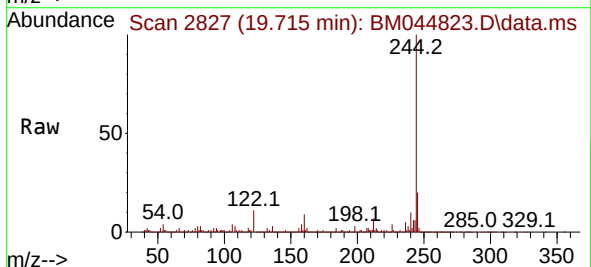
RT: 19.715 min Scan# 2827

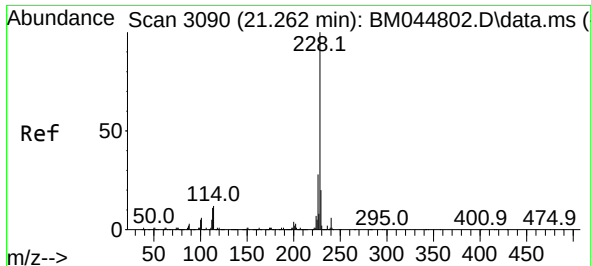
Delta R.T. -0.006 min

Lab File: BM044823.D

Acq: 29 Mar 2024 20:04

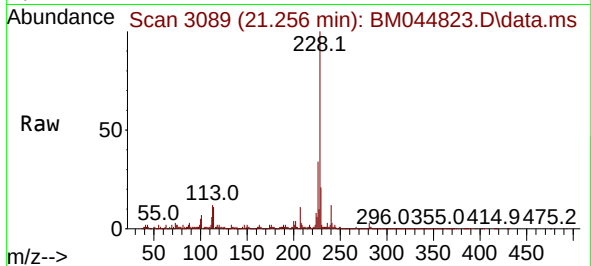
Tgt Ion:244 Resp: 654032
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 11.1 8.8 13.2





#81
Benzo(a)anthracene
Concen: 19.485 ng m
RT: 21.256 min Scan# 3090
Delta R.T. -0.006 min
Lab File: BM044823.D
Acq: 29 Mar 2024 20:04

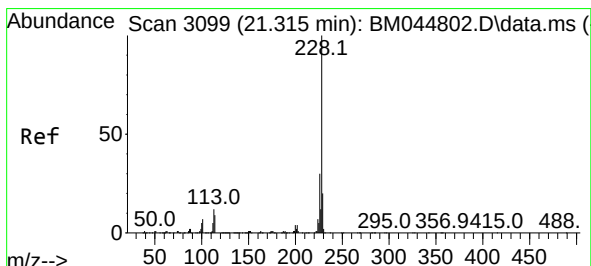
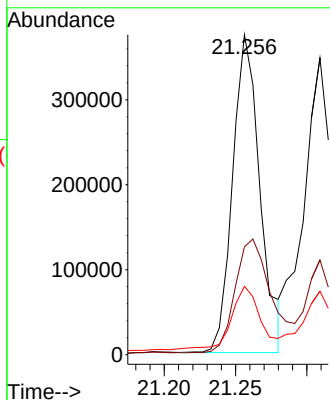
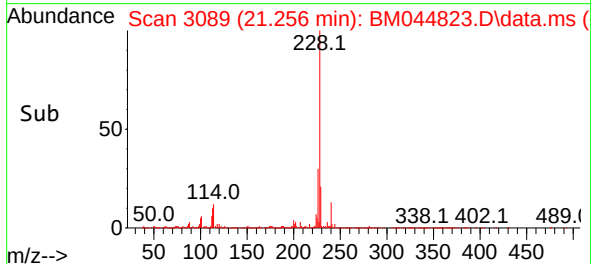
Instrument :
BNA_M
ClientSampleId :
EB-03(0-2)



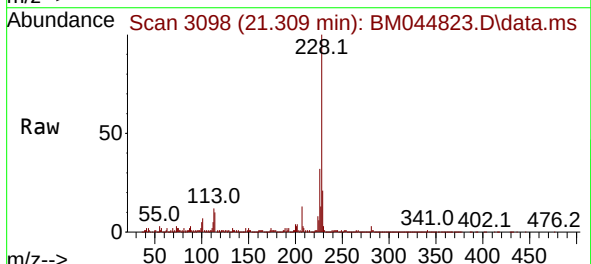
Tgt Ion:228 Resp: 498308
Ion Ratio Lower Upper
228 100
226 33.7 22.1 33.1
229 21.3 15.8 23.8

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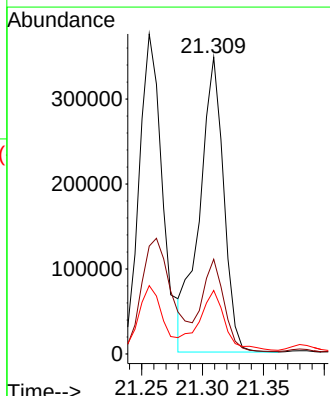
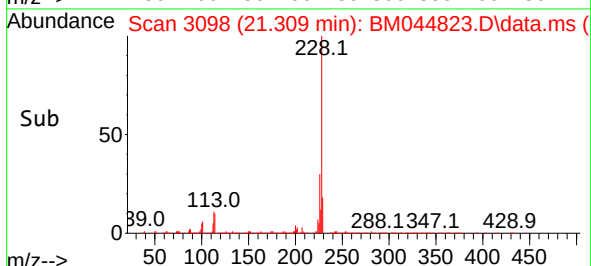
Reviewed By :Yogesh Patel 03/30/2024
Supervised By :mohammad ahmed 03/30/2024

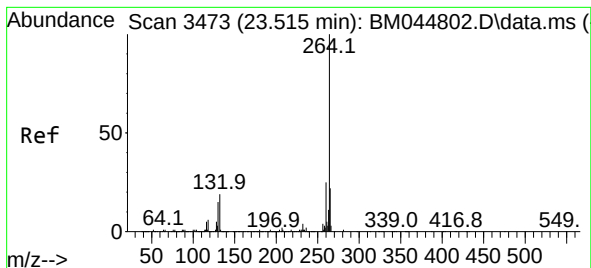


#83
Chrysene
Concen: 19.559 ng
RT: 21.309 min Scan# 3098
Delta R.T. -0.006 min
Lab File: BM044823.D
Acq: 29 Mar 2024 20:04



Tgt Ion:228 Resp: 479416
Ion Ratio Lower Upper
228 100
226 31.9 23.7 35.5
229 21.4 15.7 23.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.509 min Scan# 34

Delta R.T. -0.006 min

Lab File: BM044823.D

Acq: 29 Mar 2024 20:04

Instrument :

BNA_M

ClientSampleId :

EB-03(0-2)

Tgt Ion:264 Resp: 43079

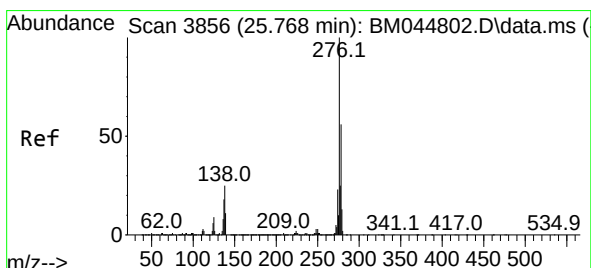
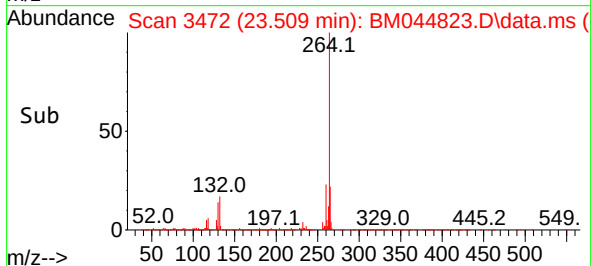
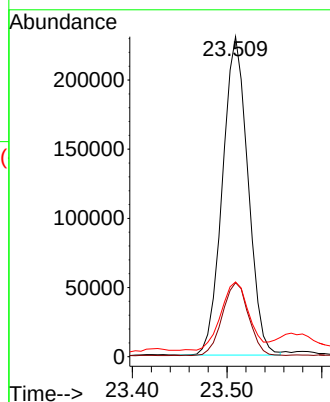
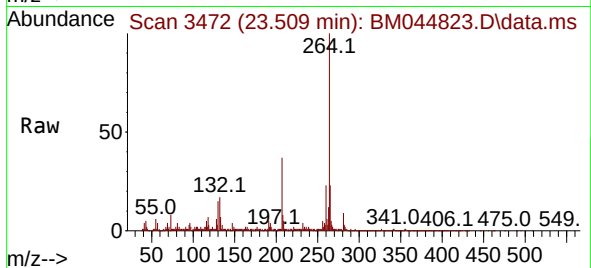
Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.7	29.5
265	23.4	18.9	28.3

Manual Integrations

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Reviewed By :Yogesh Patel 03/30/2024

Supervised By :mohammad ahmed 03/30/2024



#87

Indeno(1,2,3-cd)pyrene

Concen: 11.150 ng

RT: 25.762 min Scan# 3855

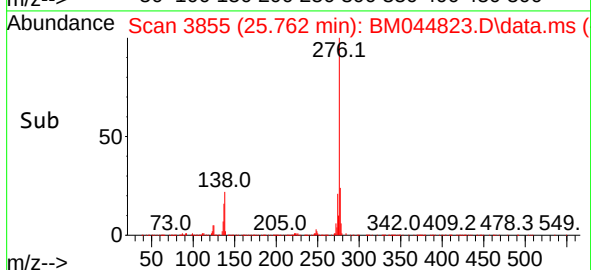
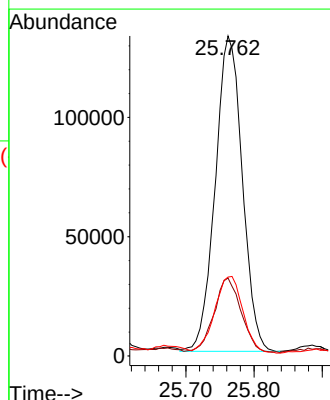
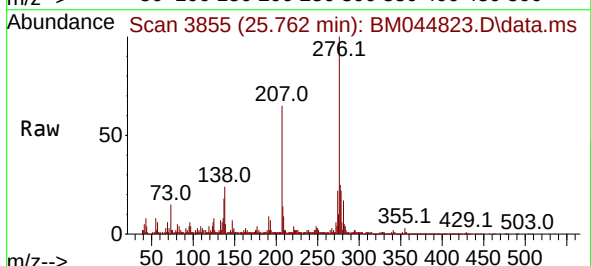
Delta R.T. -0.006 min

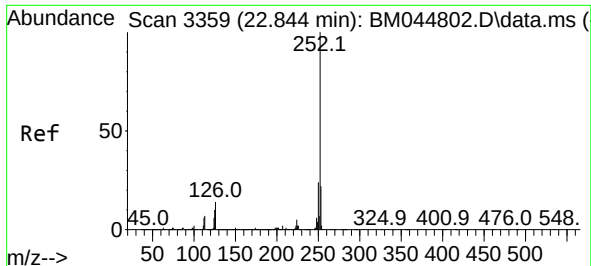
Lab File: BM044823.D

Acq: 29 Mar 2024 20:04

Tgt Ion:276 Resp: 364876

Ion	Ratio	Lower	Upper
276	100		
138	23.5	22.2	33.2
277	25.5	20.2	30.4





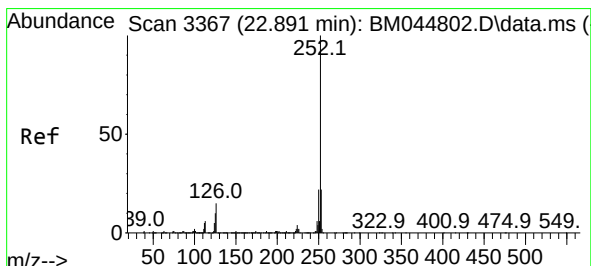
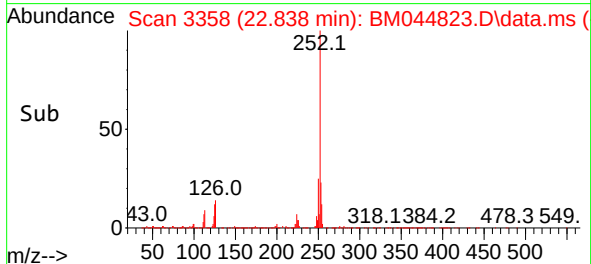
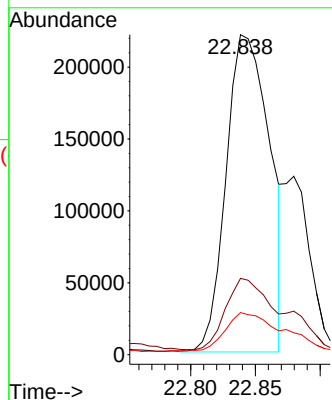
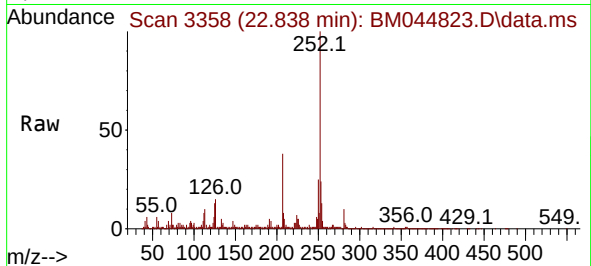
#88
Benzo(b)fluoranthene
Concen: 21.139 ng m
RT: 22.838 min Scan# 3359
Delta R.T. -0.006 min
Lab File: BM044823.D
Acq: 29 Mar 2024 20:04

Instrument :
BNA_M
ClientSampleId :
EB-03(0-2)

Tgt Ion:252 Resp: 516028
Ion Ratio Lower Upper
252 100
253 23.9 17.5 26.3
125 13.2 8.6 12.8

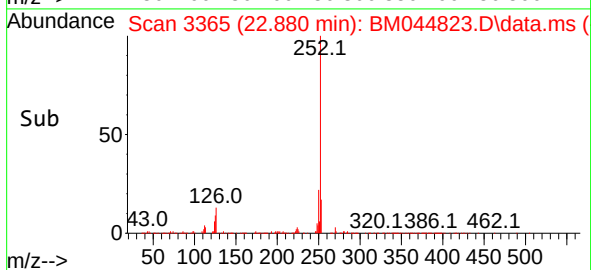
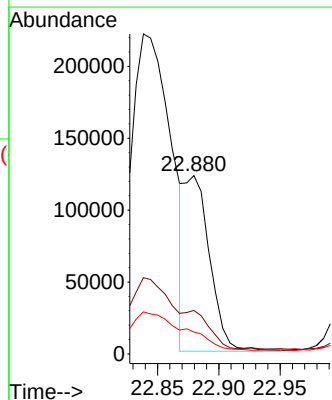
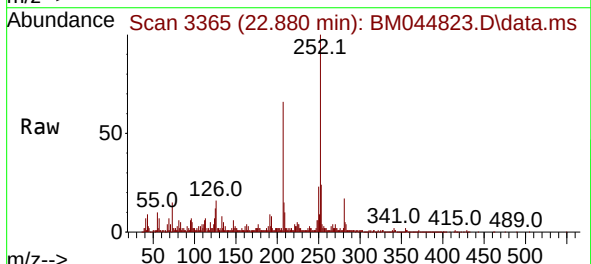
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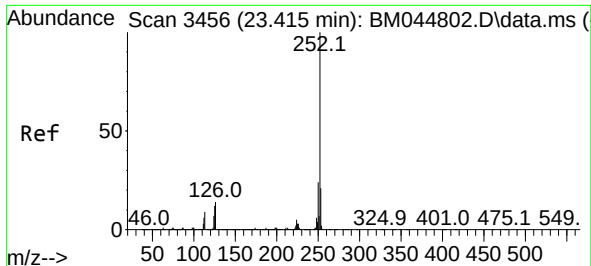
Reviewed By :Yogesh Patel 03/30/2024
Supervised By :mohammad ahmed 03/30/2024



#89
Benzo(k)fluoranthene
Concen: 7.124 ng m
RT: 22.880 min Scan# 3365
Delta R.T. -0.012 min
Lab File: BM044823.D
Acq: 29 Mar 2024 20:04

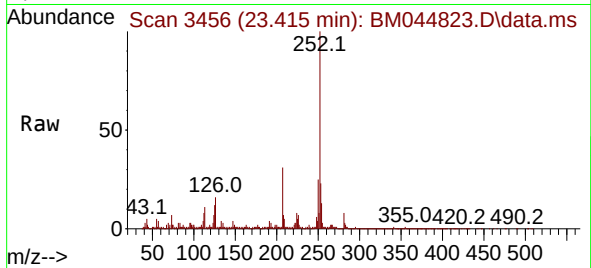
Tgt Ion:252 Resp: 174620
Ion Ratio Lower Upper
252 100
253 24.4 17.7 26.5
125 12.3 8.3 12.5





#90
Benzo(a)pyrene
Concen: 20.414 ng
RT: 23.415 min Scan# 3456
Delta R.T. 0.000 min
Lab File: BM044823.D
Acq: 29 Mar 2024 20:04

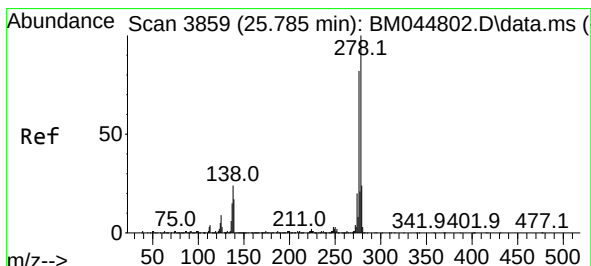
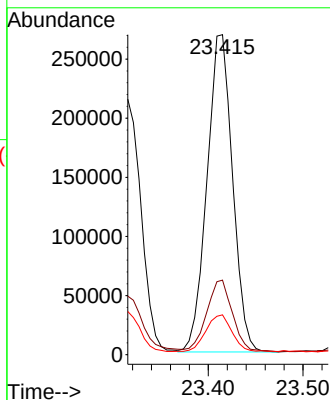
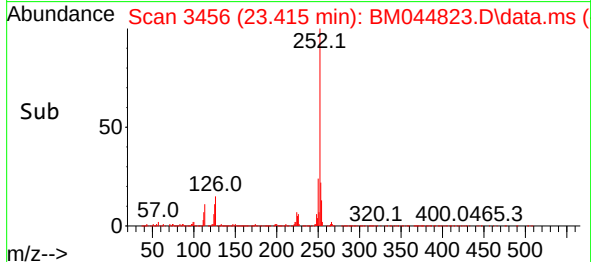
Instrument :
BNA_M
ClientSampleId :
EB-03(0-2)



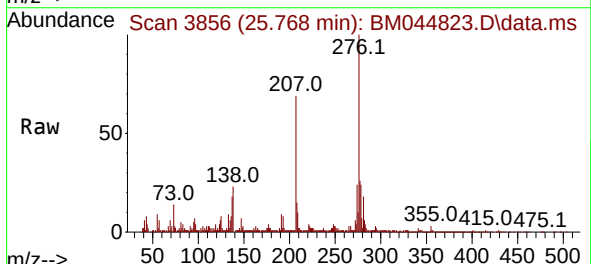
Tgt Ion:252 Resp: 505749
Ion Ratio Lower Upper
252 100
253 23.3 17.3 25.9
125 12.4 9.8 14.8

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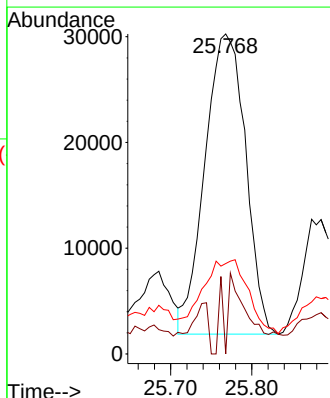
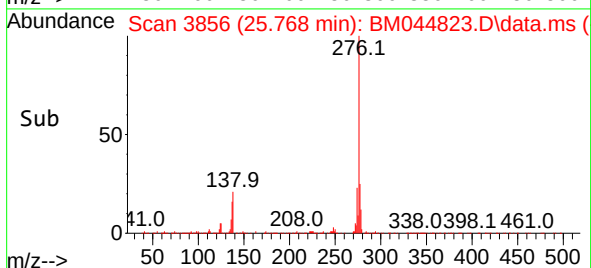
Reviewed By :Yogesh Patel 03/30/2024
Supervised By :mohammad ahmed 03/30/2024

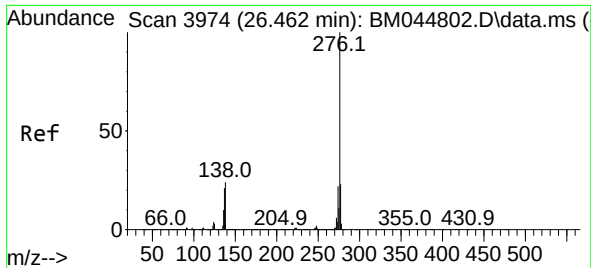


#91
Dibenzo(a,h)anthracene
Concen: 3.649 ng
RT: 25.768 min Scan# 3856
Delta R.T. -0.018 min
Lab File: BM044823.D
Acq: 29 Mar 2024 20:04



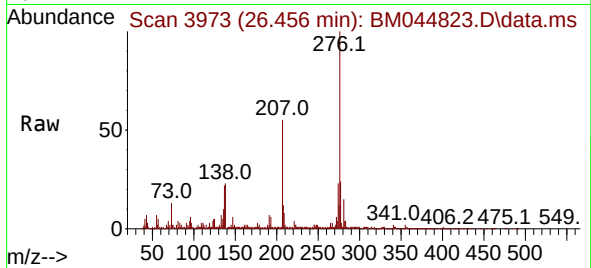
Tgt Ion:278 Resp: 98894
Ion Ratio Lower Upper
278 100
139 0.0 13.6 20.4#
279 28.2 19.6 29.4





#92
 Benzo(g,h,i)perylene
 Concen: 17.721 ng
 RT: 26.456 min Scan# 3973
 Delta R.T. -0.006 min
 Lab File: BM044823.D
 Acq: 29 Mar 2024 20:04

Instrument :
 BNA_M
 ClientSampleId :
 EB-03(0-2)



Tgt Ion: 276 Resp: 49970

Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.6	28.0
138	23.2	19.2	28.8

Manual Integrations
 APPROVED

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

