

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102523\
 Data File : BM042450.D
 Acq On : 25 Oct 2023 22:44
 Operator : MA/JU
 Sample : 05025-01 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EO-01-10232023-A

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/26/2023
 Supervised By :mohammad ahmed 10/26/2023

Quant Time: Oct 26 00:51:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 21 02:32:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.992	152	151228	20.000	ng	0.00
21) Naphthalene-d8	10.810	136	627667	20.000	ng	-0.01
39) Acenaphthene-d10	14.633	164	388384	20.000	ng	-0.01
64) Phenanthrene-d10	17.386	188	809299	20.000	ng	-0.01
76) Chrysene-d12	21.568	240	606306	20.000	ng	-0.01
86) Perylene-d12	24.033	264	614170	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	433153	40.481	ng	0.00
7) Phenol-d6	7.140	99	578505	40.343	ng	-0.01
23) Nitrobenzene-d5	9.187	82	373323	26.301	ng	-0.01
42) 2,4,6-Tribromophenol	16.127	330	194117	51.282	ng	-0.01
45) 2-Fluorobiphenyl	13.257	172	792969	27.494	ng	-0.01
79) Terphenyl-d14	19.998	244	1066190	31.187	ng	-0.01
Target Compounds						Qvalue
49) Acenaphthylene	14.363	152	82372	2.257	ng	98
71) Phenanthrene	17.427	178	444887	10.105	ng	99
72) Anthracene	17.521	178	224398	5.146	ng	99
75) Fluoranthene	19.439	202	891828	18.393	ng	98
78) Pyrene	19.803	202	915705	21.613	ng	99
81) Benzo(a)anthracene	21.550	228	386272	9.503	ng	95
83) Chrysene	21.603	228	389472m	9.977	ng	
84) Bis(2-ethylhexyl)phtha...	21.433	149	10669	3.732	ng	# 60
87) Indeno(1,2,3-cd)pyrene	26.615	276	214523	4.780	ng	# 89
88) Benzo(b)fluoranthene	23.268	252	436198	11.799	ng	# 91
89) Benzo(k)fluoranthene	23.315	252	144774m	3.772	ng	
90) Benzo(a)pyrene	23.921	252	336142	9.447	ng	# 93
92) Benzo(g,h,i)perylene	27.432	276	231657	6.392	ng	# 92

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

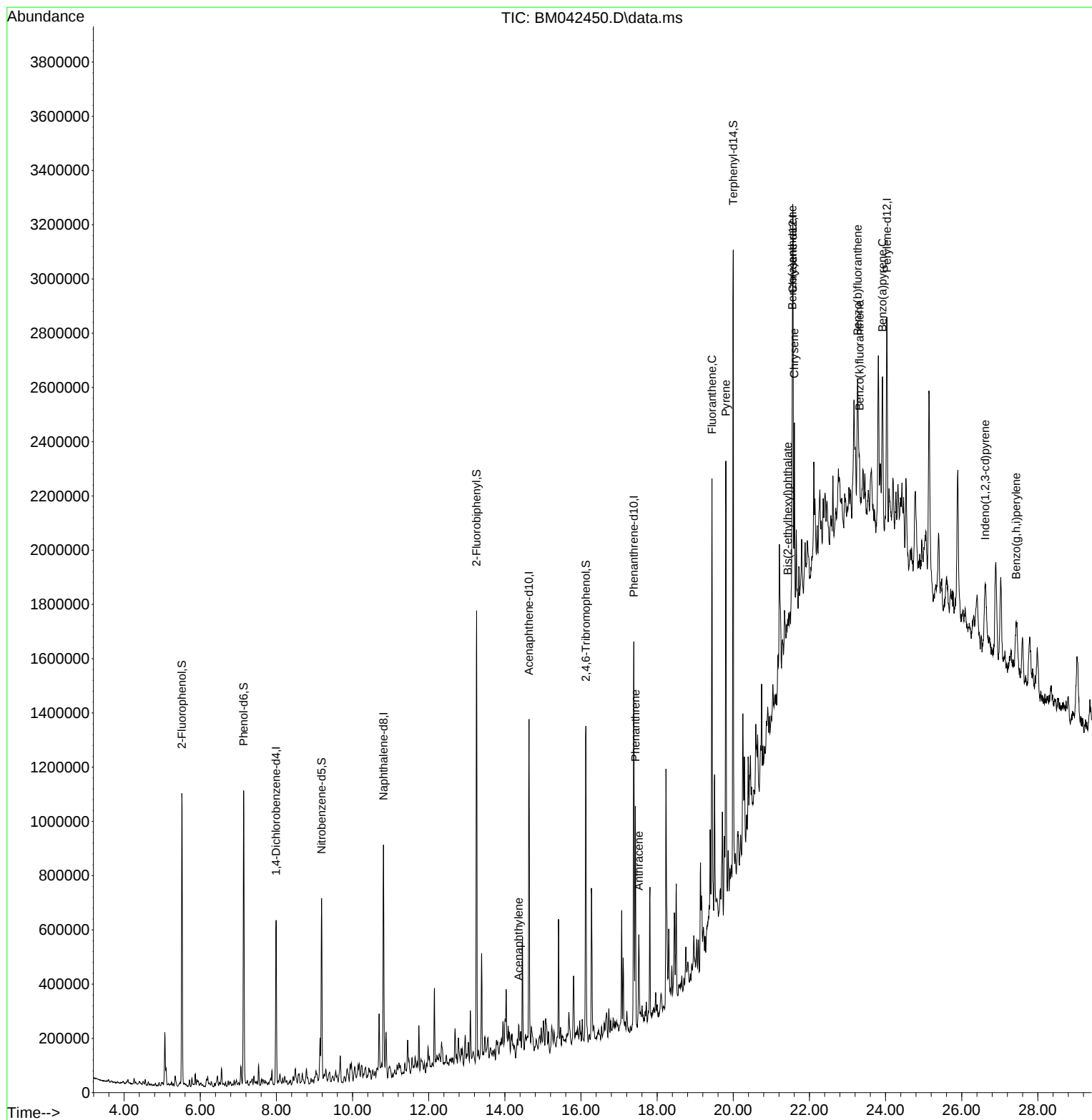
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102523\
Data File : BM042450.D
Acq On : 25 Oct 2023 22:44
Operator : MA/JU
Sample : 05025-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

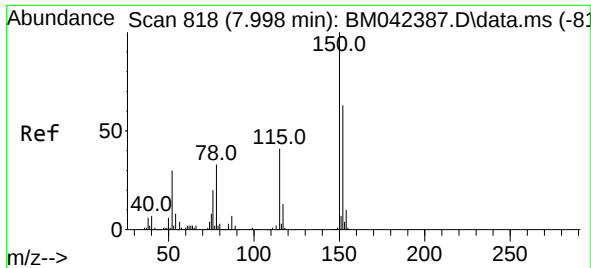
Instrument :
BNA_M
ClientSampleId :
EO-01-10232023-A

Quant Time: Oct 26 00:51:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 21 02:32:53 2023
Response via : Initial Calibration

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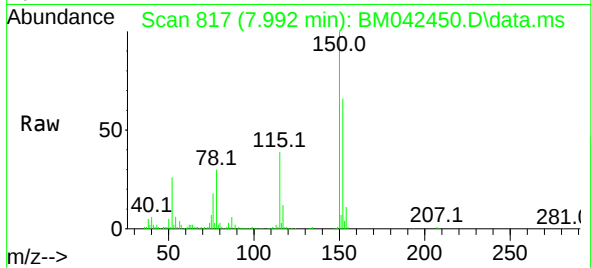
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.992 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM042450.D
Acq: 25 Oct 2023 22:44

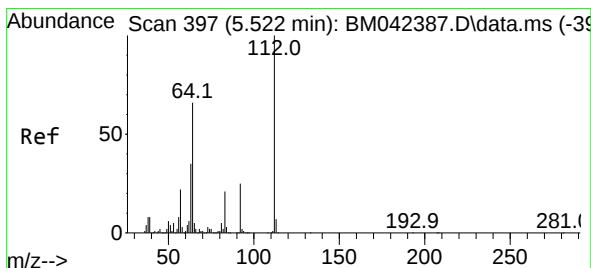
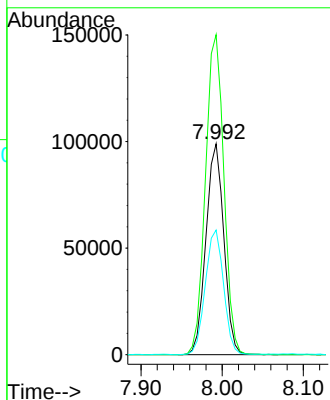
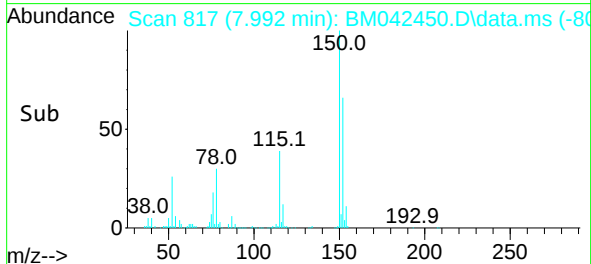
Instrument :
BNA_M
ClientSampleId :
EO-01-10232023-A



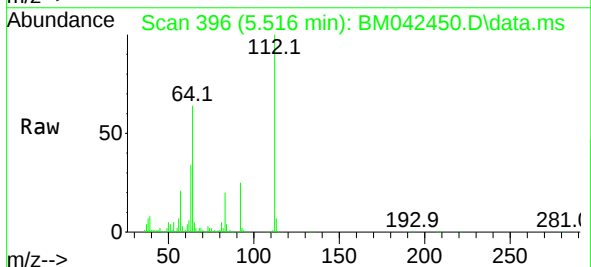
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Ion Ratio Lower Upper
152 100
150 151.8 126.2 189.4
115 59.1 51.9 77.9

Manual Integrations
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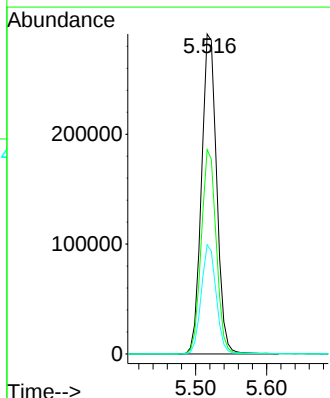
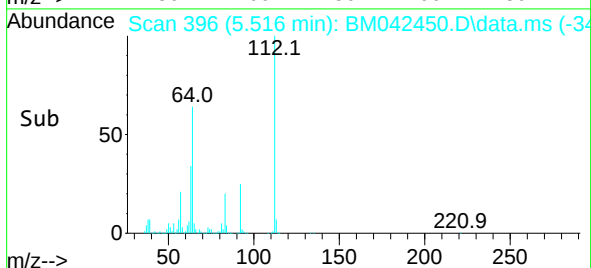
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

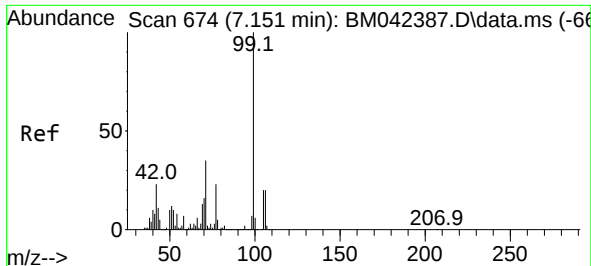


#5
2-Fluorophenol
Concen: 40.481 ng
RT: 5.516 min Scan# 396
Delta R.T. -0.006 min
Lab File: BM042450.D
Acq: 25 Oct 2023 22:44



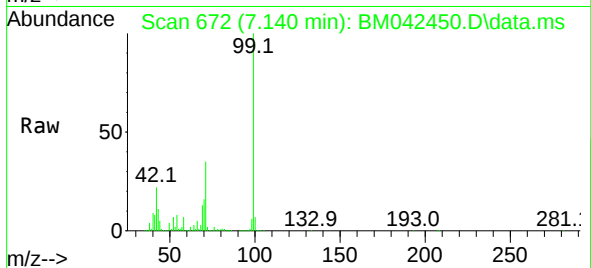
Tgt Ion:112 Resp: 433153
Ion Ratio Lower Upper
112 100
64 63.9 52.7 79.1
63 34.2 28.3 42.5





#7
Phenol-d6
Concen: 40.343 ng
RT: 7.140 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM042450.D
Acq: 25 Oct 2023 22:44

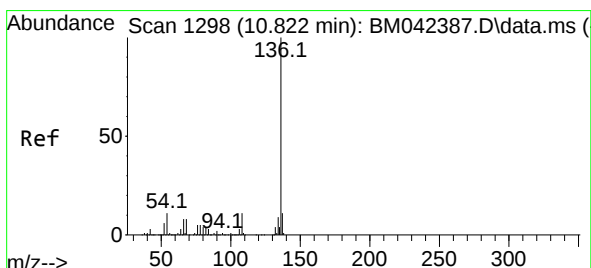
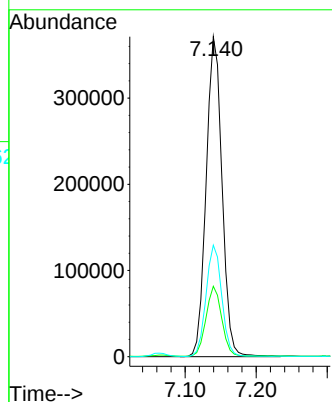
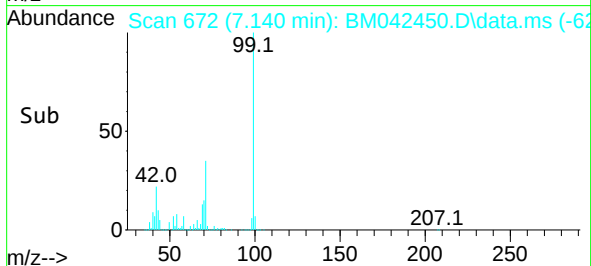
Instrument :
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ClientSampleId :
EO-01-10232023-A



Tgt Ion: 99 Resp: 57850
Ion Ratio Lower Upper
99 100
42 22.0 18.5 27.7
71 34.8 27.7 41.5

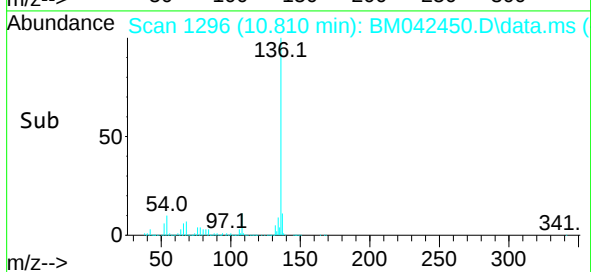
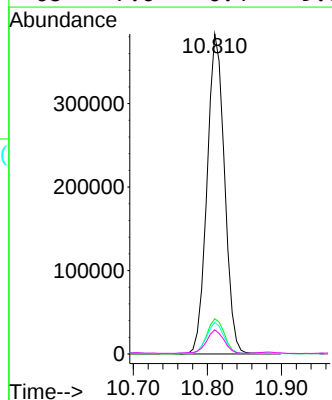
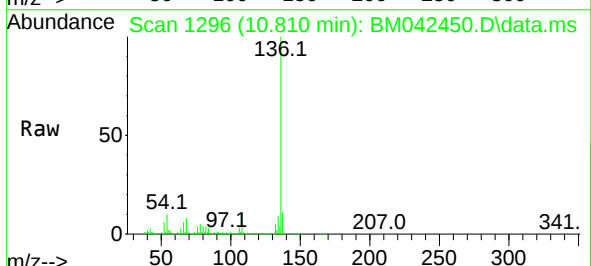
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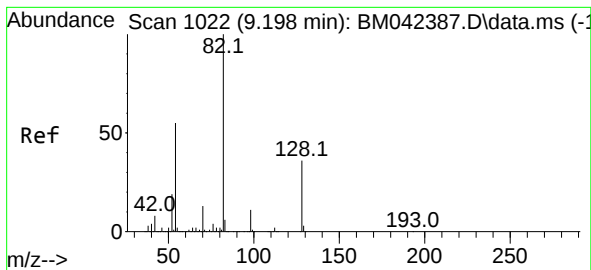
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.810 min Scan# 1296
Delta R.T. -0.012 min
Lab File: BM042450.D
Acq: 25 Oct 2023 22:44

Tgt Ion:136 Resp: 627667
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 9.9 8.6 12.8
68 7.6 6.4 9.6





#23

Nitrobenzene-d5

Concen: 26.301 ng

RT: 9.187 min Scan# 1020

Delta R.T. -0.012 min

Lab File: BM042450.D

Acq: 25 Oct 2023 22:44

Instrument :

BNA_M

ClientSampleId :

EO-01-10232023-A

Tgt Ion: 82 Resp: 37332

Ion Ratio Lower Upper

82 100

128 39.3 29.0 43.6

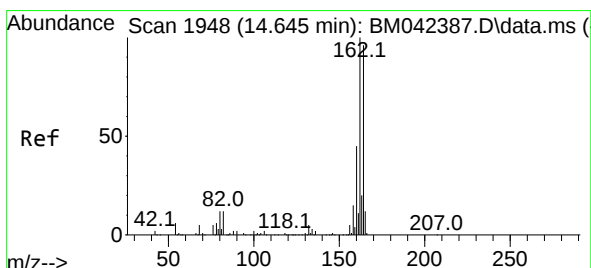
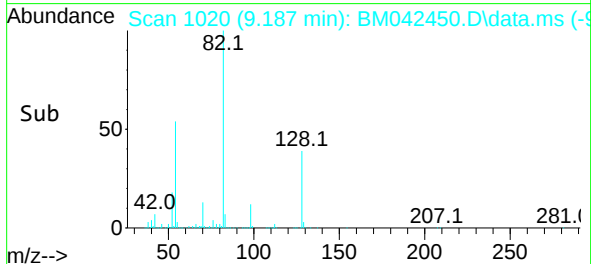
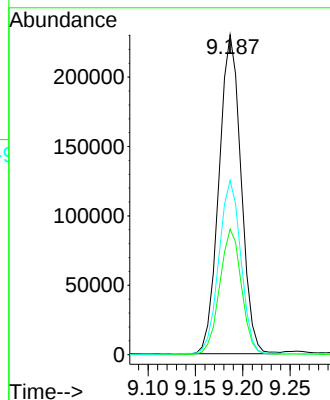
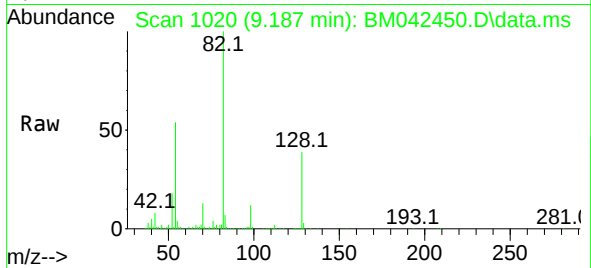
54 54.5 43.7 65.5

Manual Integrations

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.633 min Scan# 1946

Delta R.T. -0.012 min

Lab File: BM042450.D

Acq: 25 Oct 2023 22:44

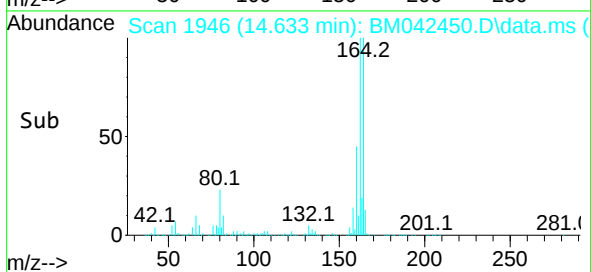
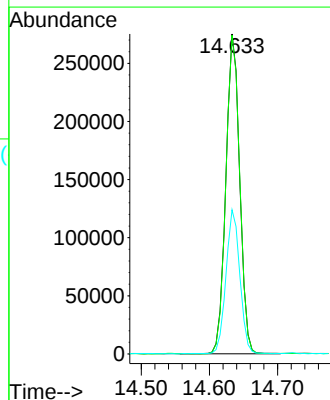
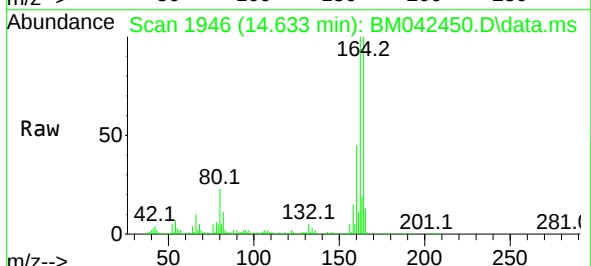
Tgt Ion:164 Resp: 388384

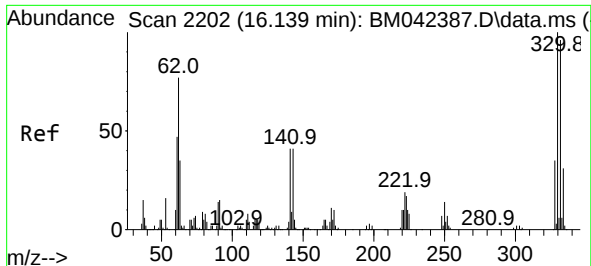
Ion Ratio Lower Upper

164 100

162 99.6 83.0 124.4

160 45.1 37.0 55.4





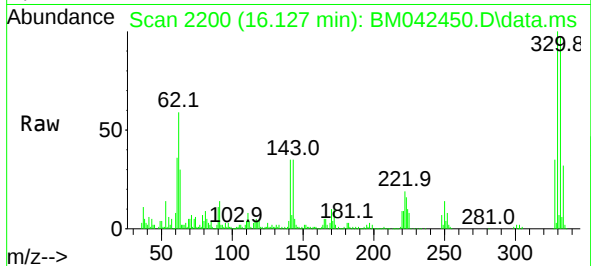
#42
2,4,6-Tribromophenol
Concen: 51.282 ng
RT: 16.127 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM042450.D
Acq: 25 Oct 2023 22:44

Instrument :

BNA_M

ClientSampleId :

EO-01-10232023-A



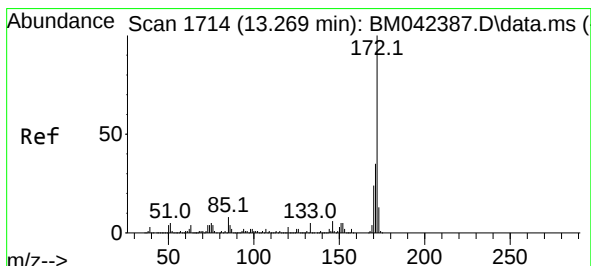
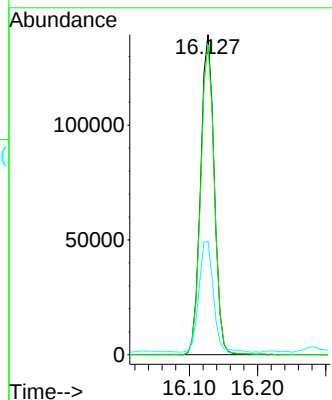
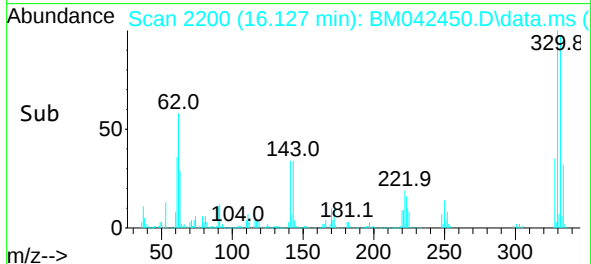
Tgt Ion:330 Resp: 19411
Ion Ratio Lower Upper
330 100
332 97.0 77.6 116.4
141 37.1 38.0 57.0

Manual Integrations

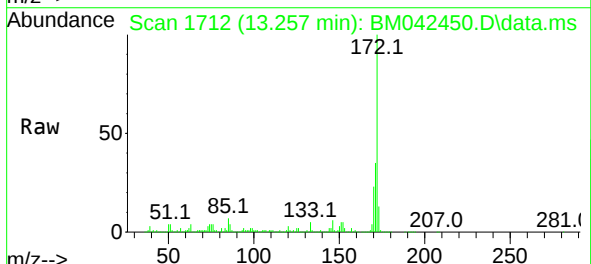
APPROVED

Reviewed By :Yogesh Patel 10/26/2023

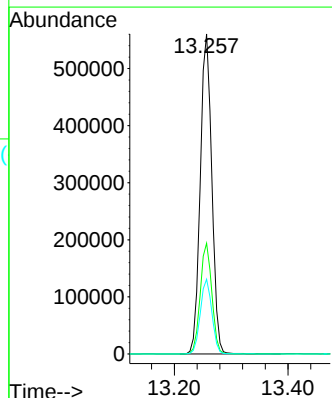
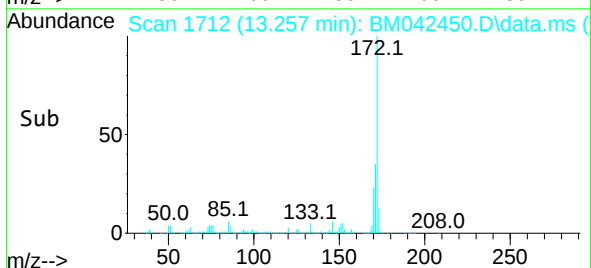
Supervised By :mohammad ahmed 10/26/2023

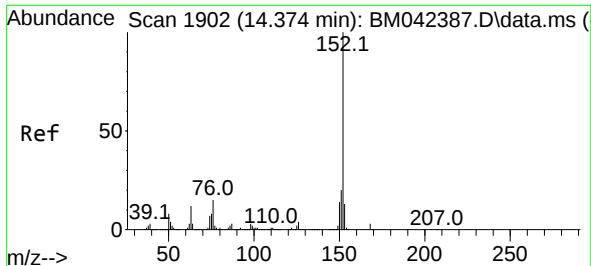


#45
2-Fluorobiphenyl
Concen: 27.494 ng
RT: 13.257 min Scan# 1712
Delta R.T. -0.012 min
Lab File: BM042450.D
Acq: 25 Oct 2023 22:44



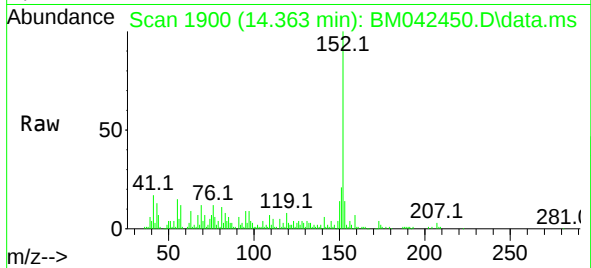
Tgt Ion:172 Resp: 792969
Ion Ratio Lower Upper
172 100
171 34.6 28.1 42.1
170 23.3 18.9 28.3





#49
Acenaphthylene
Concen: 2.257 ng
RT: 14.363 min Scan# 1902
Delta R.T. -0.012 min
Lab File: BM042450.D
Acq: 25 Oct 2023 22:44

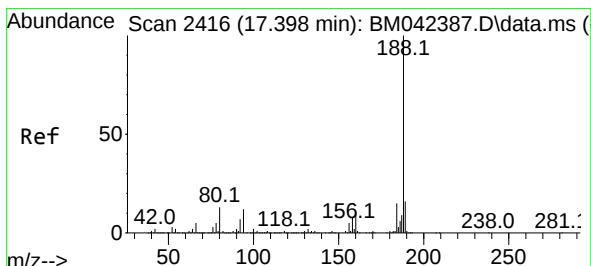
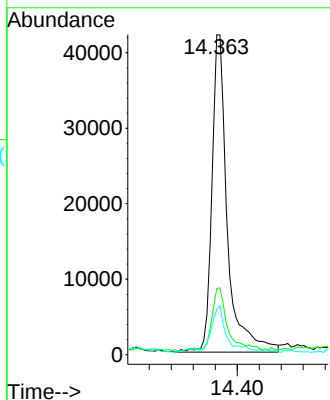
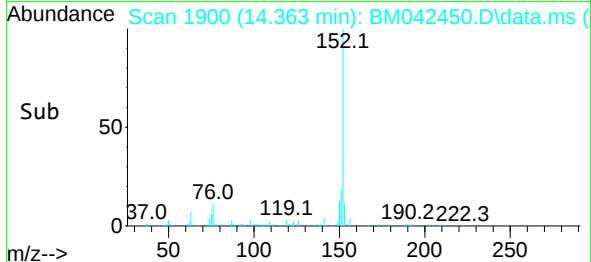
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ClientSampleId :
EO-01-10232023-A



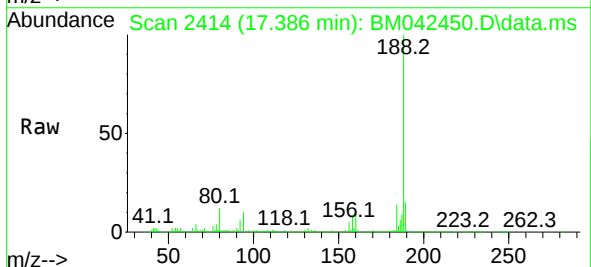
Tgt Ion:152 Resp: 82372
Ion Ratio Lower Upper
152 100
151 20.6 15.9 23.9
153 14.1 10.5 15.7

Manual Integrations
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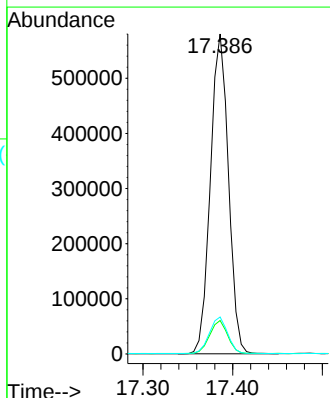
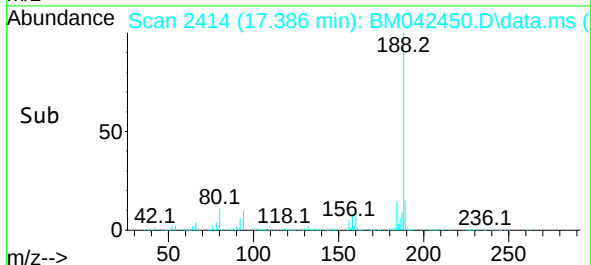
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

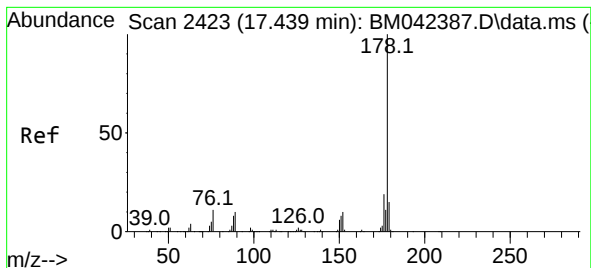


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.386 min Scan# 2414
Delta R.T. -0.012 min
Lab File: BM042450.D
Acq: 25 Oct 2023 22:44



Tgt Ion:188 Resp: 809299
Ion Ratio Lower Upper
188 100
94 10.5 9.4 14.0
80 11.6 10.7 16.1





#71

Phenanthrene

Concen: 10.105 ng

RT: 17.427 min Scan# 2423

Delta R.T. -0.012 min

Lab File: BM042450.D

Acq: 25 Oct 2023 22:44

Instrument :

BNA_M

ClientSampleId :

EO-01-10232023-A

Tgt Ion:178 Resp: 44488

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.2

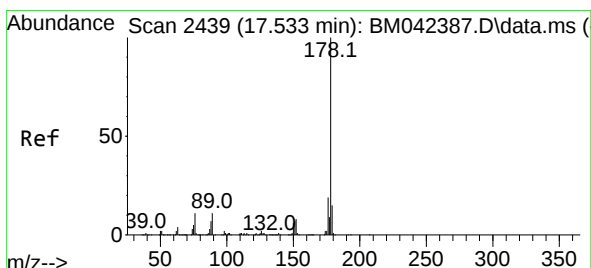
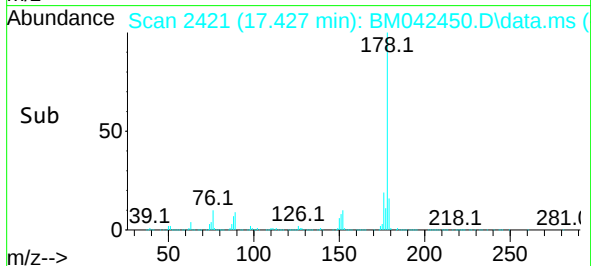
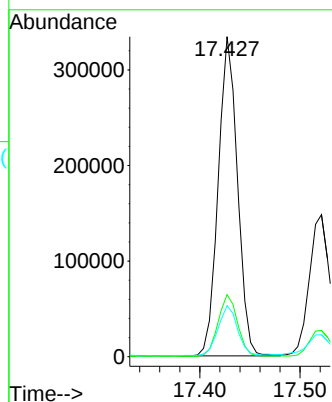
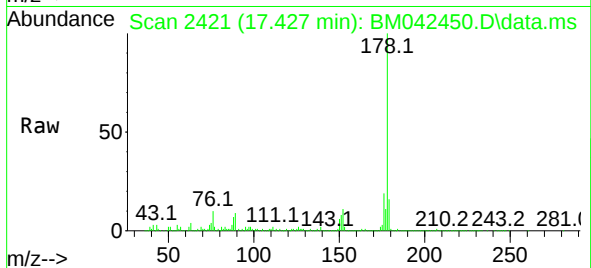
179 16.0 12.3 18.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/26/2023

Supervised By :mohammad ahmed 10/26/2023



#72

Anthracene

Concen: 5.146 ng

RT: 17.521 min Scan# 2437

Delta R.T. -0.012 min

Lab File: BM042450.D

Acq: 25 Oct 2023 22:44

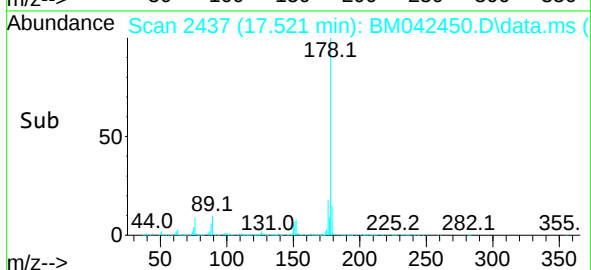
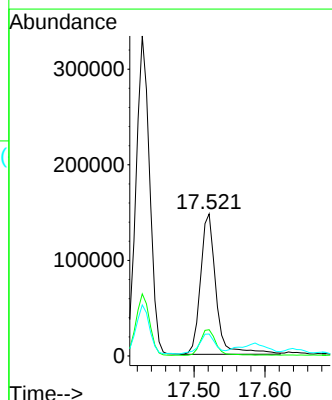
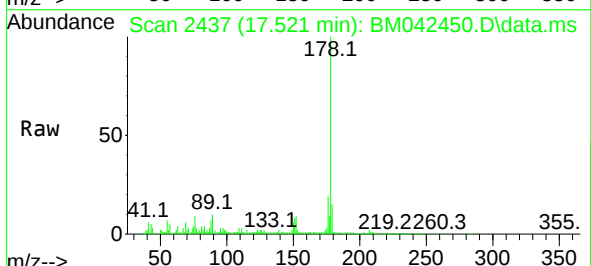
Tgt Ion:178 Resp: 224398

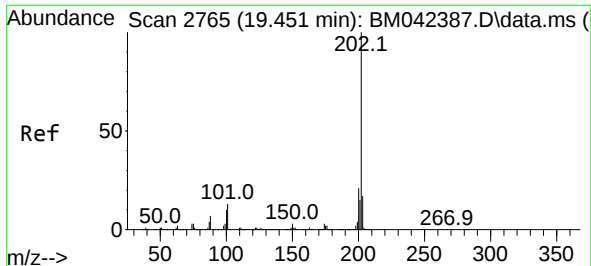
Ion Ratio Lower Upper

178 100

176 18.5 15.4 23.0

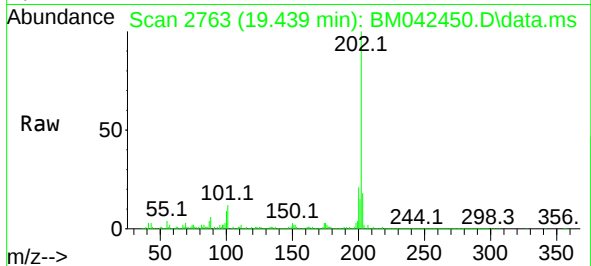
179 15.5 12.1 18.1





#75
Fluoranthene
Concen: 18.393 ng
RT: 19.439 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM042450.D
Acq: 25 Oct 2023 22:44

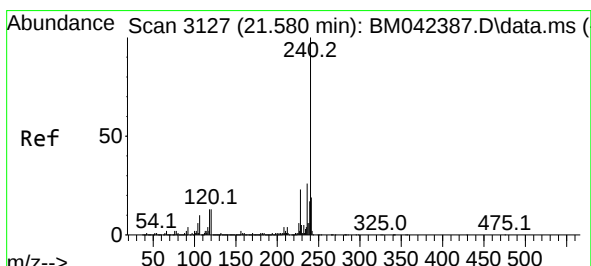
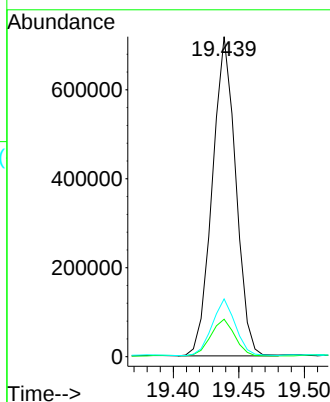
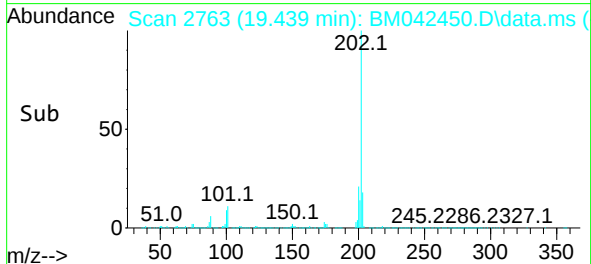
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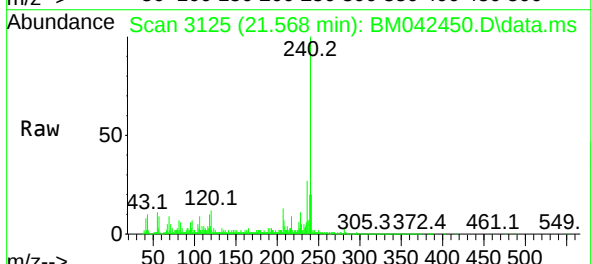
Tgt Ion:202 Resp: 891828
Ion Ratio Lower Upper
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101 11.7 0.0 33.3
203 18.1 0.0 37.5

Manual Integrations
APPROVED

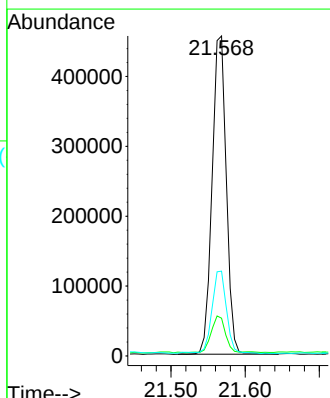
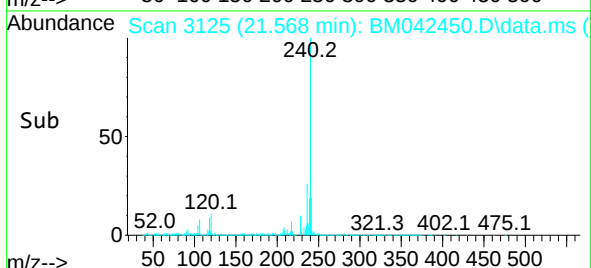
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

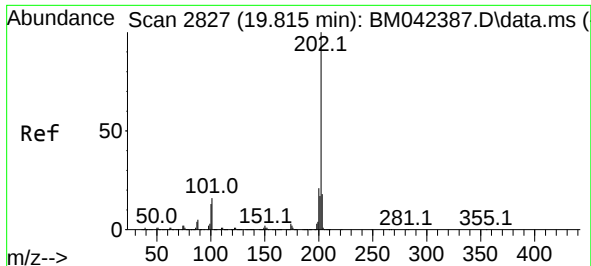


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.568 min Scan# 3125
Delta R.T. -0.012 min
Lab File: BM042450.D
Acq: 25 Oct 2023 22:44



Tgt Ion:240 Resp: 606306
Ion Ratio Lower Upper
240 100
120 11.8 10.7 16.1
236 26.5 20.7 31.1





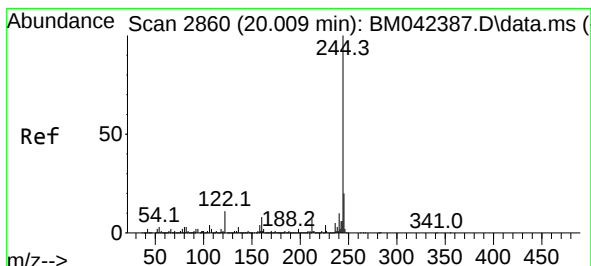
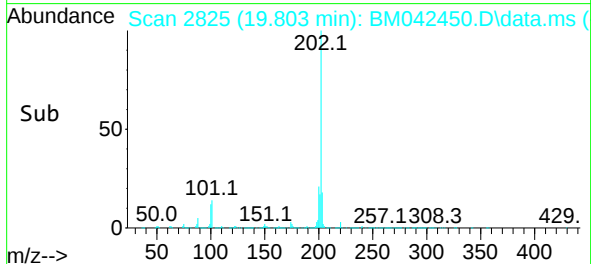
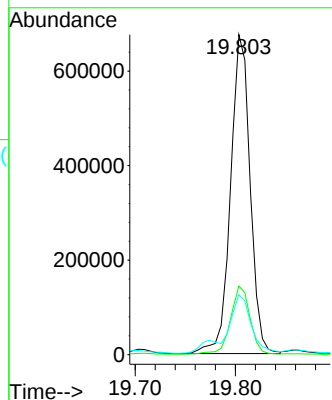
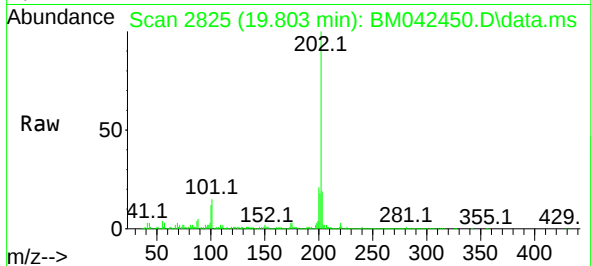
#78
Pyrene
Concen: 21.613 ng
RT: 19.803 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM042450.D
Acq: 25 Oct 2023 22:44

Instrument :
BNA_M
ClientSampleId :
EO-01-10232023-A

Tgt Ion:202 Resp: 91570
Ion Ratio Lower Upper
202 100
200 21.5 17.1 25.7
203 18.8 14.1 21.1

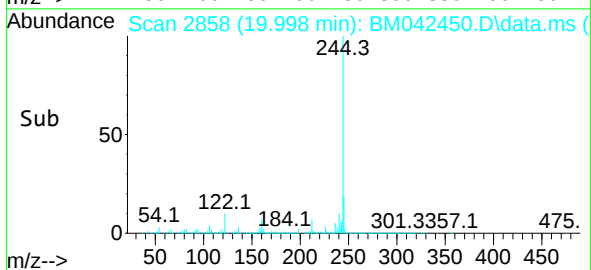
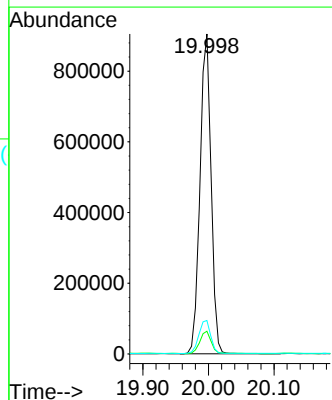
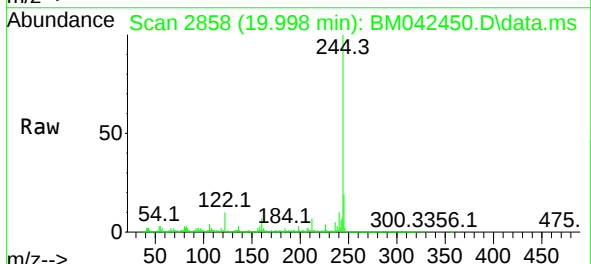
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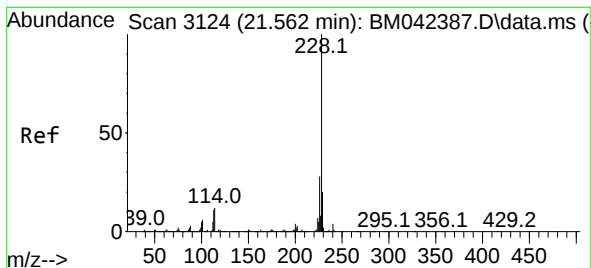
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#79
Terphenyl-d14
Concen: 31.187 ng
RT: 19.998 min Scan# 2858
Delta R.T. -0.011 min
Lab File: BM042450.D
Acq: 25 Oct 2023 22:44

Tgt Ion:244 Resp: 1066190
Ion Ratio Lower Upper
244 100
212 7.1 5.6 8.4
122 10.4 8.8 13.2





#81

Benzo(a)anthracene

Concen: 9.503 ng

RT: 21.550 min Scan# 31

Delta R.T. -0.012 min

Lab File: BM042450.D

Acq: 25 Oct 2023 22:44

Instrument :

BNA_M

ClientSampleId :

EO-01-10232023-A

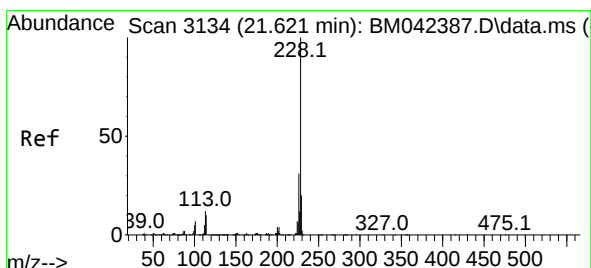
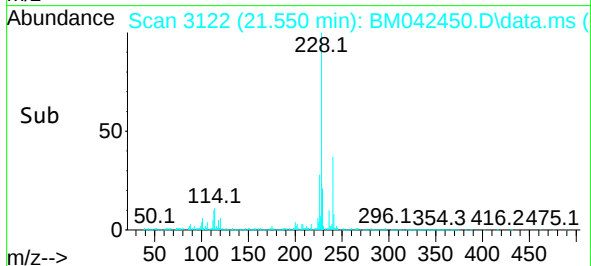
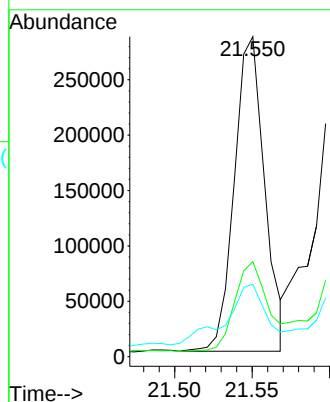
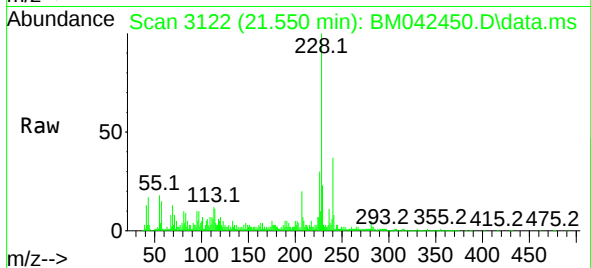
Tgt Ion:228 Resp: 386272
 Ion Ratio Lower Upper
 228 100
 226 29.7 22.2 33.4
 229 22.6 15.7 23.5

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Supervised By :mohammad ahmed 10/26/2023



#83

Chrysene

Concen: 9.977 ng m

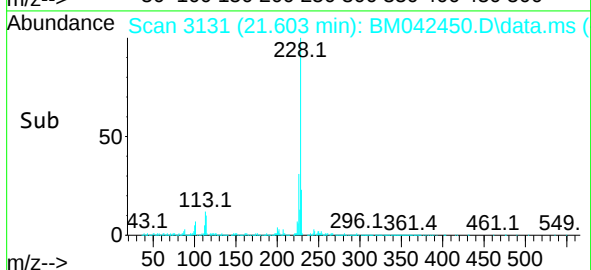
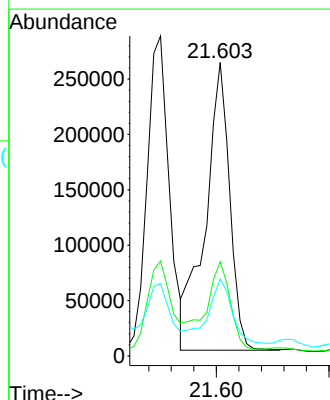
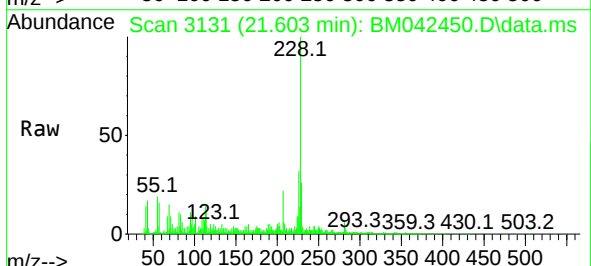
RT: 21.603 min Scan# 3131

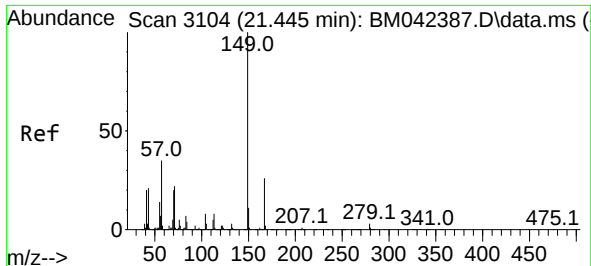
Delta R.T. -0.018 min

Lab File: BM042450.D

Acq: 25 Oct 2023 22:44

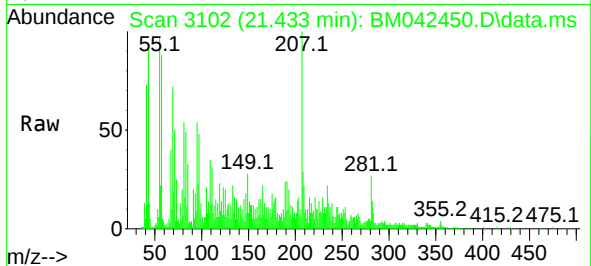
Tgt Ion:228 Resp: 389472
 Ion Ratio Lower Upper
 228 100
 226 32.1 24.6 36.8
 229 26.2 15.7 23.5





#84
Bis(2-ethylhexyl)phthalate
Concen: 3.732 ng
RT: 21.433 min Scan# 3102
Delta R.T. -0.012 min
Lab File: BM042450.D
Acq: 25 Oct 2023 22:44

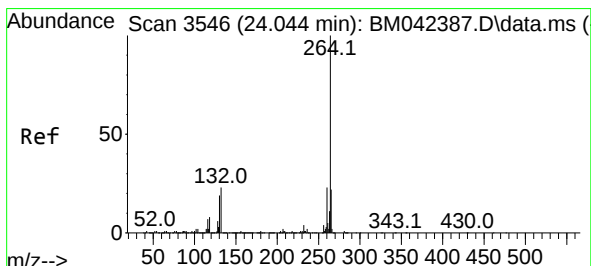
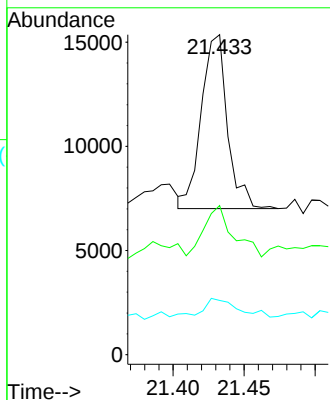
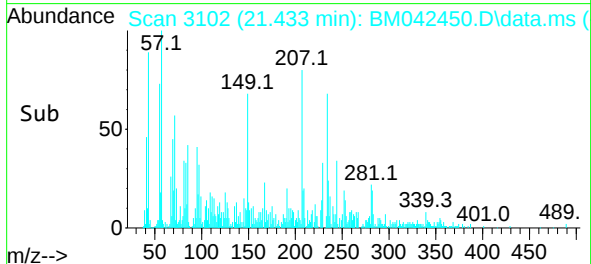
Instrument :
BNA_M
ClientSampleId :
EO-01-10232023-A



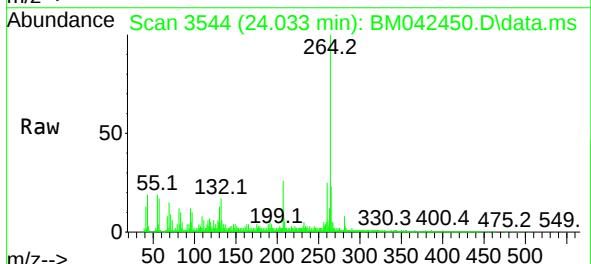
Tgt Ion:149 Resp: 10669
Ion Ratio Lower Upper
149 100
167 46.6 20.9 31.3
279 16.9 2.7 4.1

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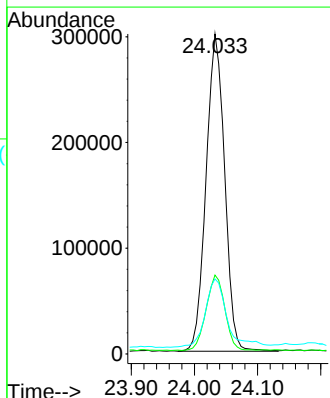
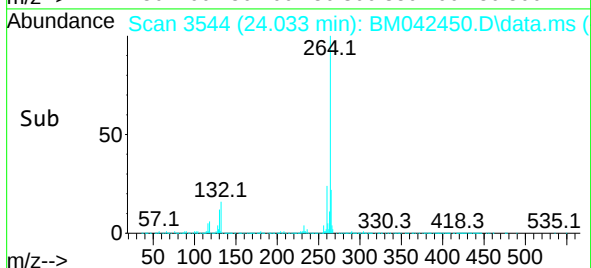
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

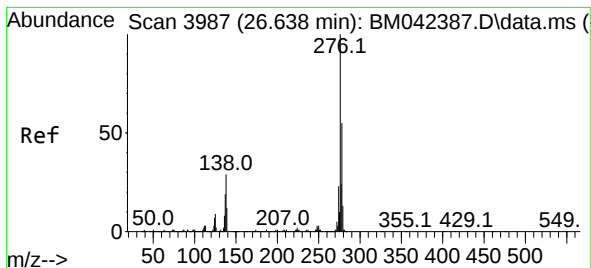


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.033 min Scan# 3544
Delta R.T. -0.012 min
Lab File: BM042450.D
Acq: 25 Oct 2023 22:44



Tgt Ion:264 Resp: 614170
Ion Ratio Lower Upper
264 100
260 24.7 18.6 27.8
265 23.4 17.8 26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.780 ng

RT: 26.615 min Scan# 3983

Delta R.T. -0.024 min

Lab File: BM042450.D

Acq: 25 Oct 2023 22:44

Instrument :

BNA_M

ClientSampleId :

EO-01-10232023-A

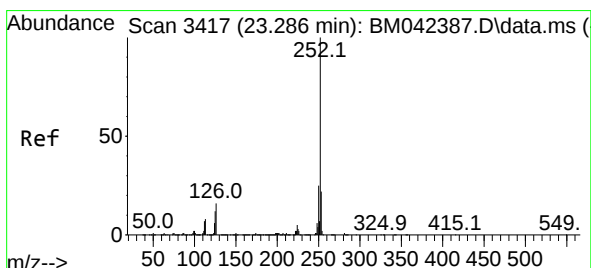
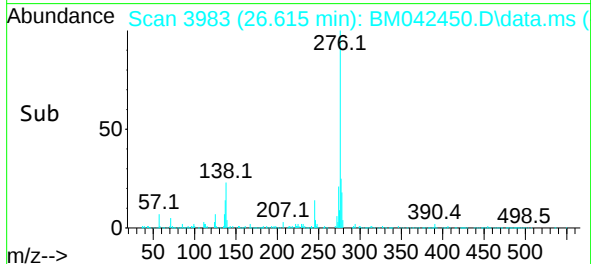
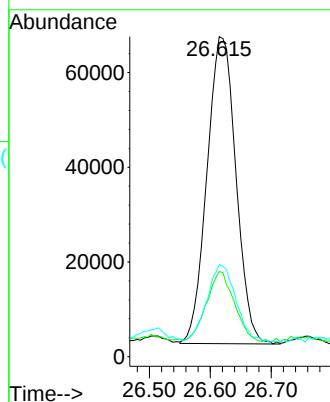
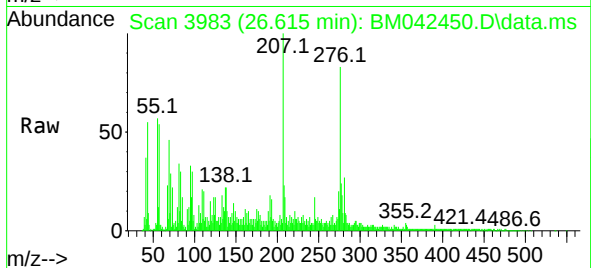
Tgt Ion:	276	Resp:	21452
Ion Ratio	Lower	Upper	
276	100		
138	21.8	25.6	38.4
277	25.9	20.0	30.0

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Reviewed By :Yogesh Patel 10/26/2023

Supervised By :mohammad ahmed 10/26/2023



#88

Benzo(b)fluoranthene

Concen: 11.799 ng

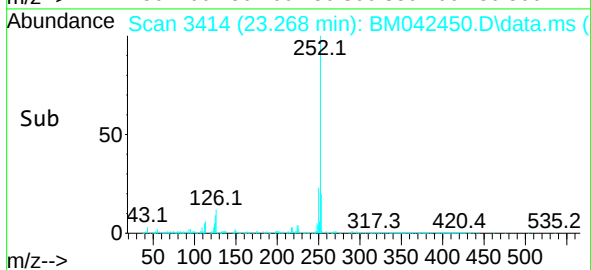
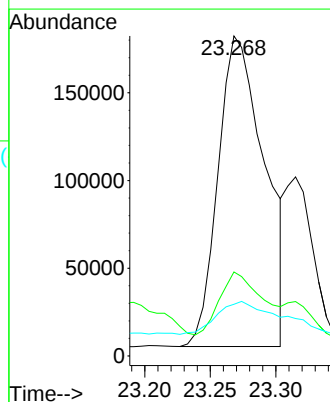
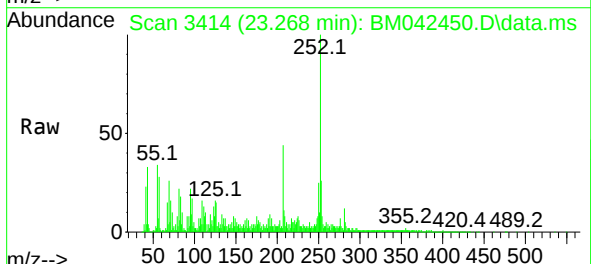
RT: 23.268 min Scan# 3414

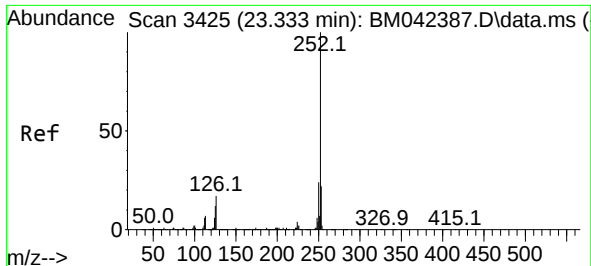
Delta R.T. -0.018 min

Lab File: BM042450.D

Acq: 25 Oct 2023 22:44

Tgt Ion:	252	Resp:	436198
Ion Ratio	Lower	Upper	
252	100		
253	26.2	18.0	27.0
125	16.2	9.8	14.8





#89

Benzo(k)fluoranthene

Concen: 3.772 ng m

RT: 23.315 min Scan# 34

Delta R.T. -0.018 min

Lab File: BM042450.D

Acq: 25 Oct 2023 22:44

Instrument :

BNA_M

ClientSampleId :

EO-01-10232023-A

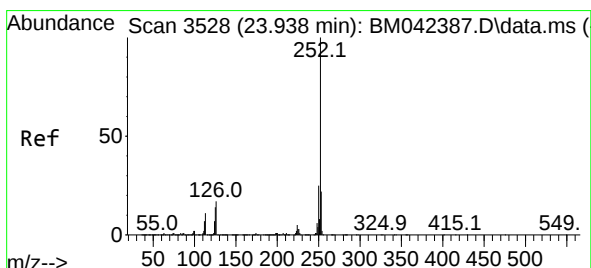
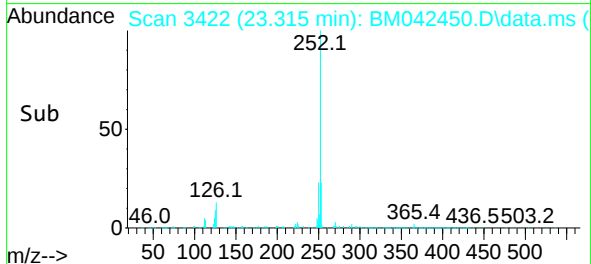
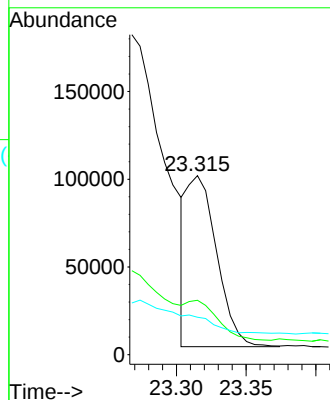
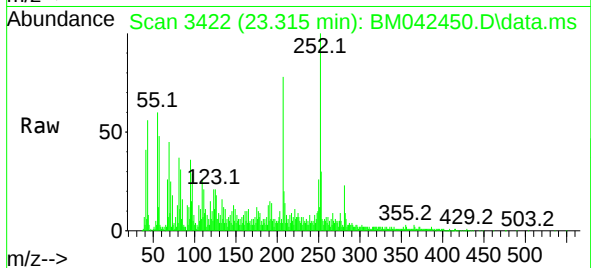
Tgt Ion:252 Resp: 144774
 Ion Ratio Lower Upper
 252 100
 253 30.3 17.9 26.9
 125 20.9 10.2 15.2

Manual Integrations

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Reviewed By :Yogesh Patel 10/26/2023

Supervised By :mohammad ahmed 10/26/2023



#90

Benzo(a)pyrene

Concen: 9.447 ng

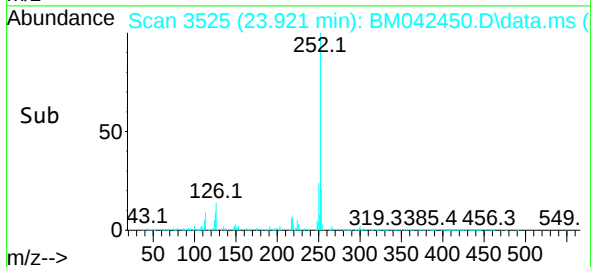
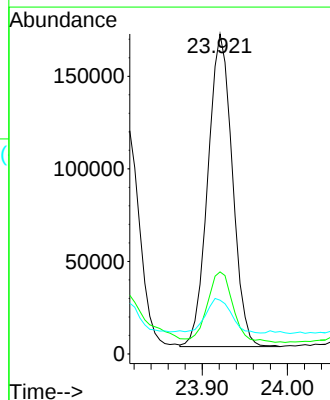
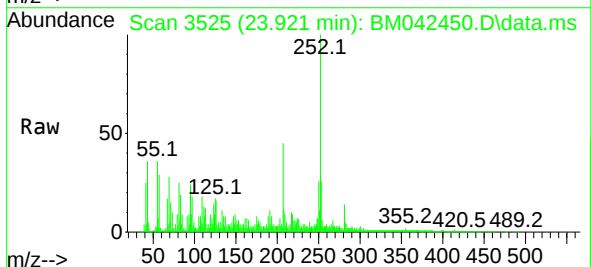
RT: 23.921 min Scan# 3525

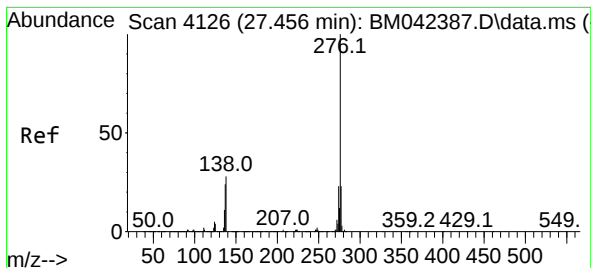
Delta R.T. -0.018 min

Lab File: BM042450.D

Acq: 25 Oct 2023 22:44

Tgt Ion:252 Resp: 336142
 Ion Ratio Lower Upper
 252 100
 253 25.7 17.9 26.9
 125 16.8 10.9 16.3





#92

Benzo(g,h,i)perylene

Concen: 6.392 ng

RT: 27.432 min Scan# 41

Delta R.T. -0.024 min

Lab File: BM042450.D

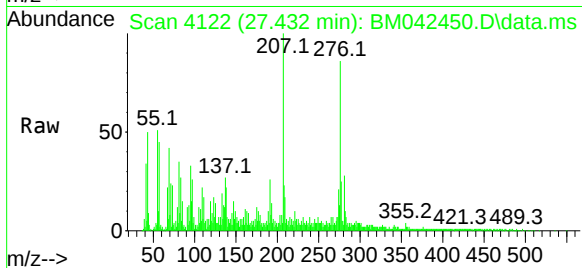
Acq: 25 Oct 2023 22:44

Instrument :

BNA_M

ClientSampleId :

EO-01-10232023-A



Tgt Ion:276 Resp: 23165

Ion Ratio Lower Upper

276 100

277 28.8 18.3 27.5

138 26.2 22.6 34.0

Manual Integrations

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Reviewed By :Yogesh Patel 10/26/2023

Supervised By :mohammad ahmed 10/26/2023

