

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080223\
 Data File : BM041249.D
 Acq On : 02 Aug 2023 17:44
 Operator : MA/JU
 Sample : 03810-11
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-P08A

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/03/2023
 Supervised By :mohammad ahmed 08/03/2023

Quant Time: Aug 03 03:08:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 19:20:51 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	192298	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	830760	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	552774	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	1272732	20.000	ng	0.00
76) Chrysene-d12	21.427	240	924804	20.000	ng	0.00
86) Perylene-d12	23.797	264	934829	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	1066191	82.867	ng	0.00
7) Phenol-d6	6.987	99	1471714	88.244	ng	0.00
23) Nitrobenzene-d5	8.975	82	955984	53.514	ng	0.00
42) 2,4,6-Tribromophenol	15.968	330	771719	98.702	ng	0.00
45) 2-Fluorobiphenyl	13.080	172	2315967	52.927	ng	0.00
79) Terphenyl-d14	19.862	244	3865628	75.576	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.268	178	159520	2.256	ng	99
75) Fluoranthene	19.292	202	281418	3.542	ng	99
78) Pyrene	19.656	202	466404	7.212	ng	100
81) Benzo(a)anthracene	21.409	228	192013	3.063	ng	98
83) Chrysene	21.462	228	192689	3.178	ng	98
84) Bis(2-ethylhexyl)phtha...	21.333	149	12701	2.860	ng	# 82
88) Benzo(b)fluoranthene	23.080	252	139705m	2.516	ng	
90) Benzo(a)pyrene	23.691	252	128527	2.409	ng	95

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

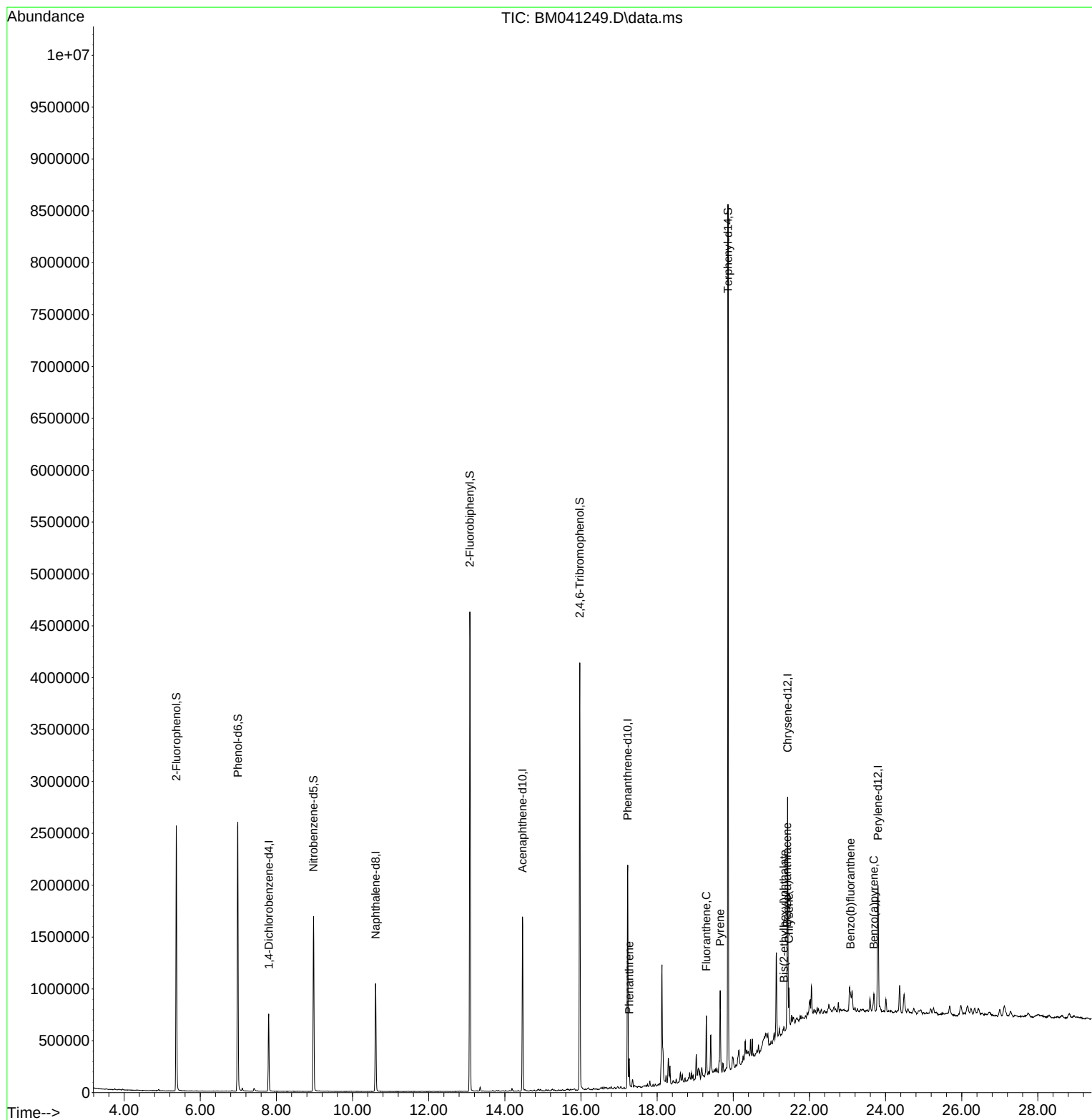
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080223\
Data File : BM041249.D
Acq On : 02 Aug 2023 17:44
Operator : MA/JU
Sample : 03810-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

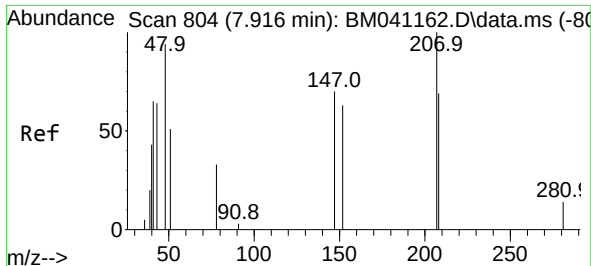
Instrument :
BNA_M
ClientSampleId :
B-P08A

Quant Time: Aug 03 03:08:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 02 19:20:51 2023
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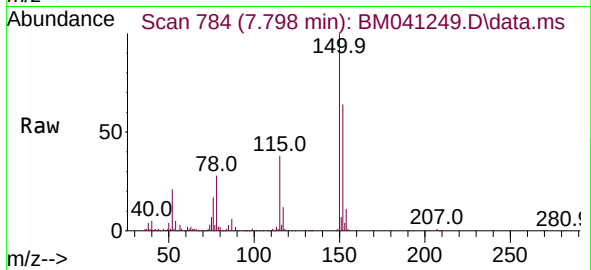
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.798 min Scan# 70
Delta R.T. 0.005 min
Lab File: BM041249.D
Acq: 02 Aug 2023 17:44

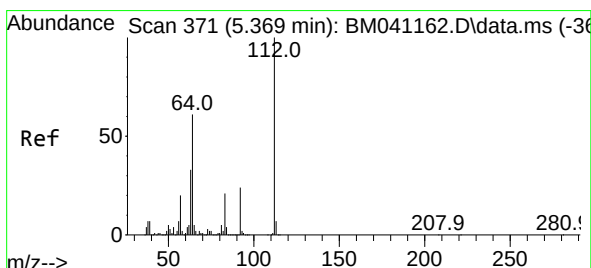
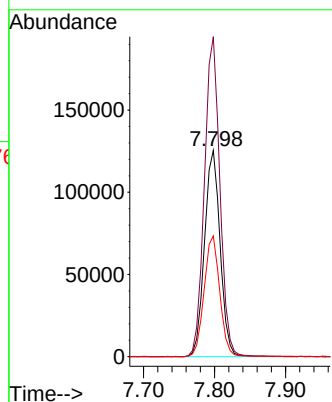
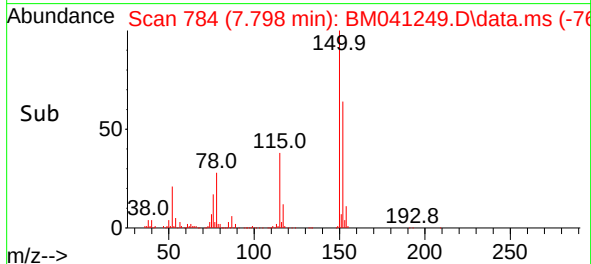
Instrument :
BNA_M
ClientSampleId :
B-P08A



Tgt Ion:152 Resp: 192298
Ion Ratio Lower Upper
152 100
150 155.2 125.5 188.3
115 58.6 48.0 72.0

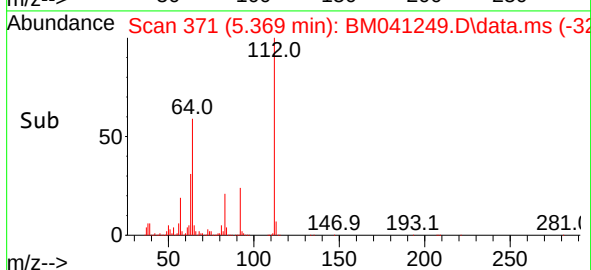
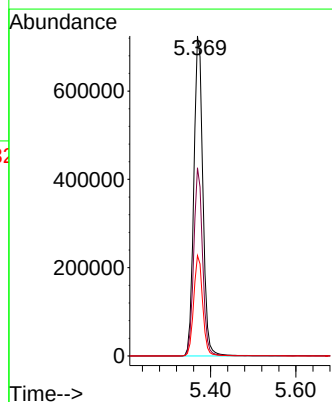
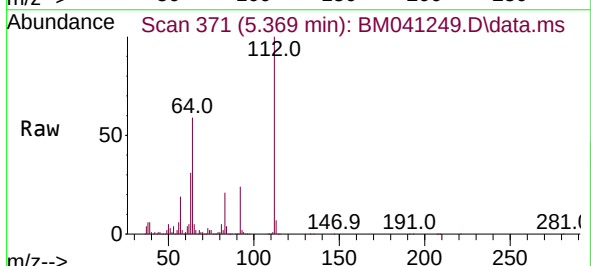
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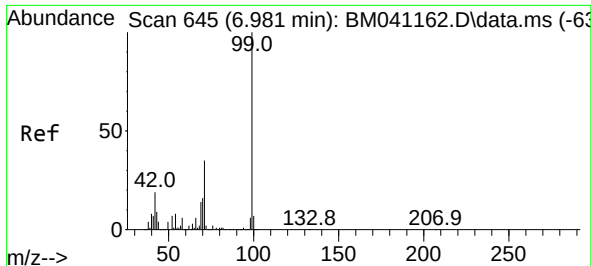
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023



#5
2-Fluorophenol
Concen: 82.867 ng
RT: 5.369 min Scan# 371
Delta R.T. -0.000 min
Lab File: BM041249.D
Acq: 02 Aug 2023 17:44

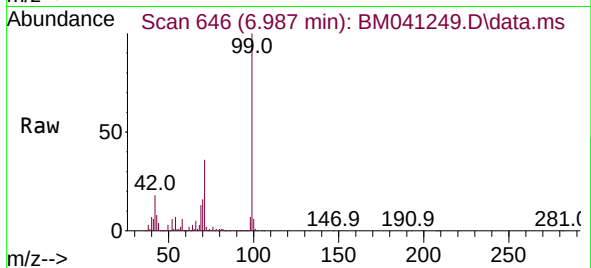
Tgt Ion:112 Resp: 1066191
Ion Ratio Lower Upper
112 100
64 58.8 48.5 72.7
63 31.3 26.5 39.7





#7
Phenol-d6
Concen: 88.244 ng
RT: 6.987 min Scan# 645
Delta R.T. 0.006 min
Lab File: BM041249.D
Acq: 02 Aug 2023 17:44

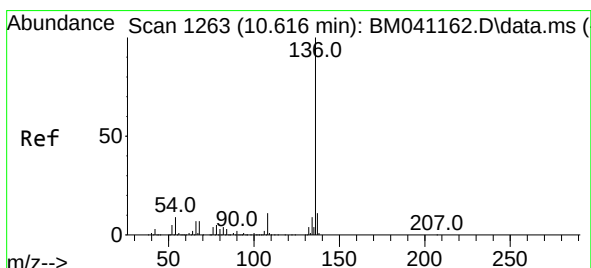
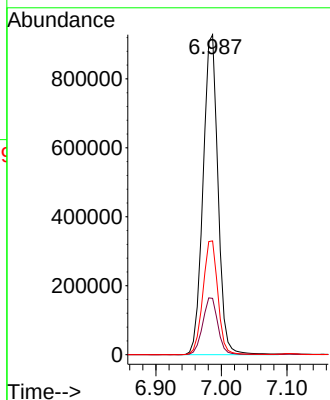
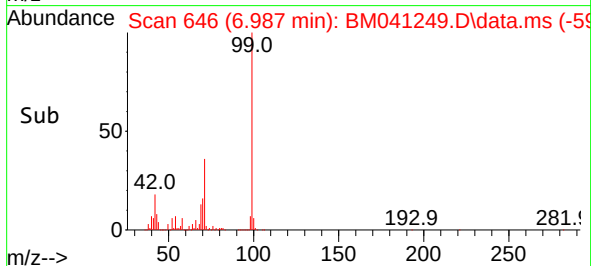
Instrument :
BNA_M
ClientSampleId :
B-P08A



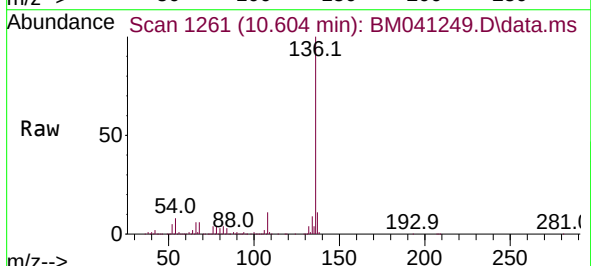
Tgt Ion: 99 Resp: 1471714
Ion Ratio Lower Upper
99 100
42 17.6 15.4 23.0
71 35.6 28.2 42.4

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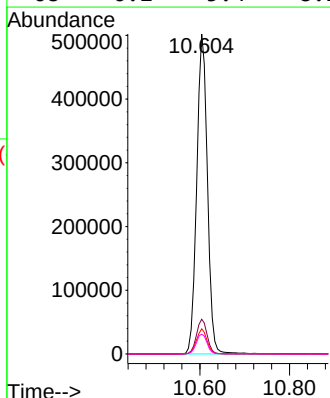
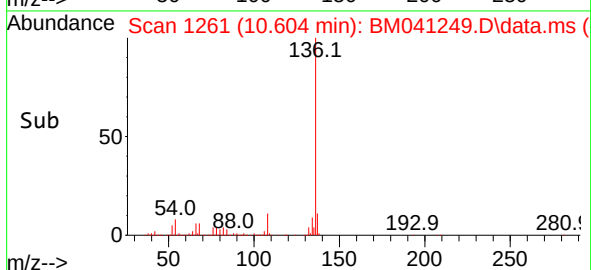
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023

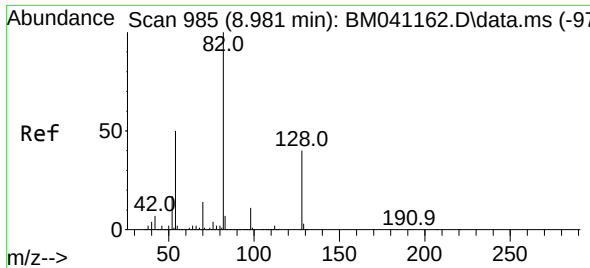


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1261
Delta R.T. -0.000 min
Lab File: BM041249.D
Acq: 02 Aug 2023 17:44



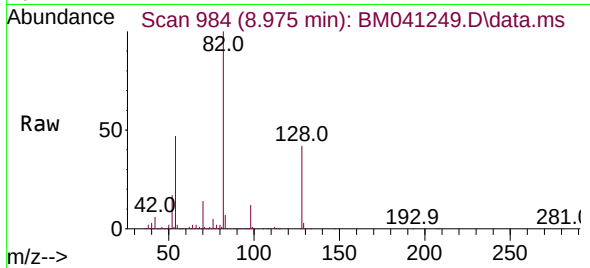
Tgt Ion:136 Resp: 830760
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.8 6.9 10.3
68 6.2 5.4 8.2





#23
Nitrobenzene-d5
Concen: 53.514 ng
RT: 8.975 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM041249.D
Acq: 02 Aug 2023 17:44

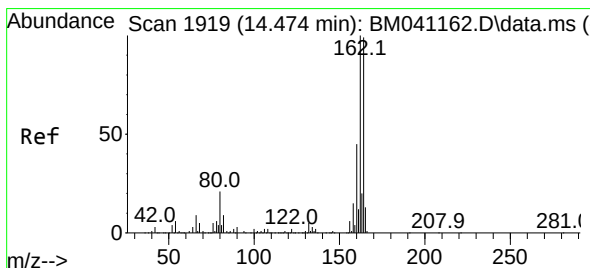
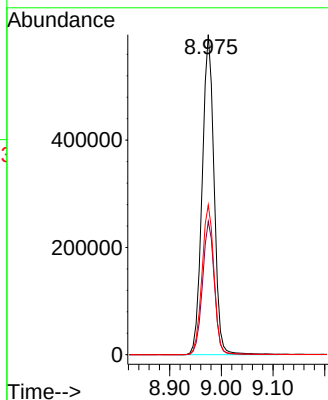
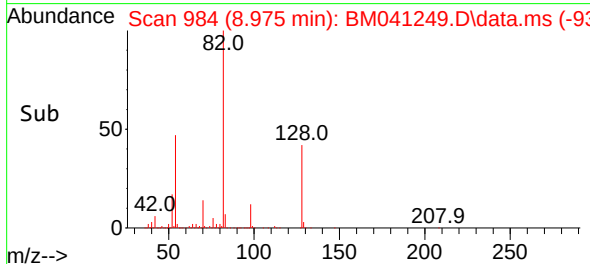
Instrument :
BNA_M
ClientSampleId :
B-P08A



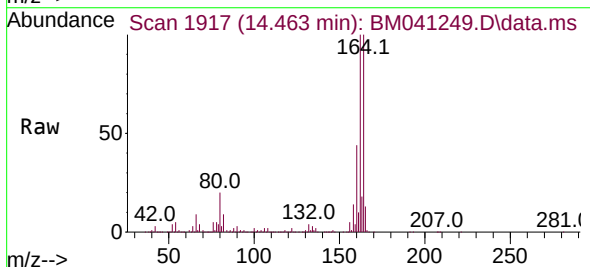
Tgt Ion: 82 Resp: 955984
Ion Ratio Lower Upper
82 100
128 41.7 31.8 47.6
54 46.8 40.1 60.1

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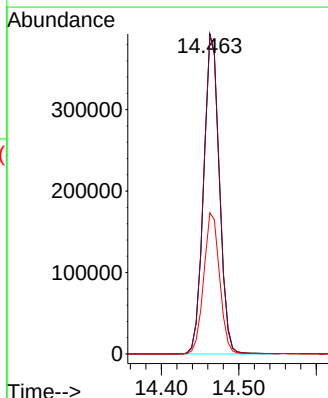
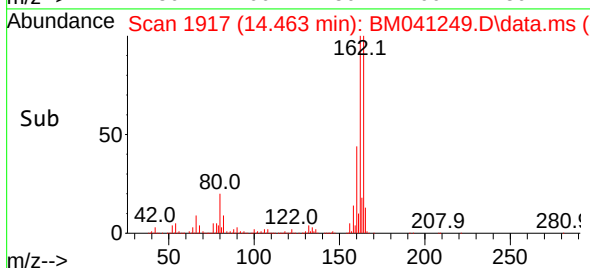
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023

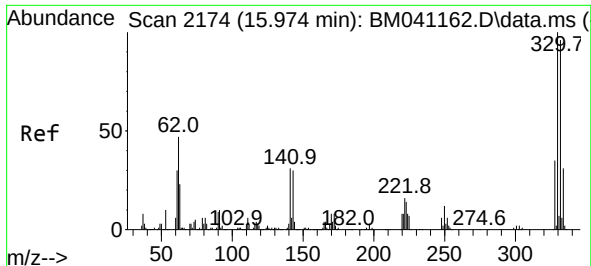


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1917
Delta R.T. -0.000 min
Lab File: BM041249.D
Acq: 02 Aug 2023 17:44



Tgt Ion:164 Resp: 552774
Ion Ratio Lower Upper
164 100
162 99.6 80.4 120.6
160 44.1 36.2 54.2





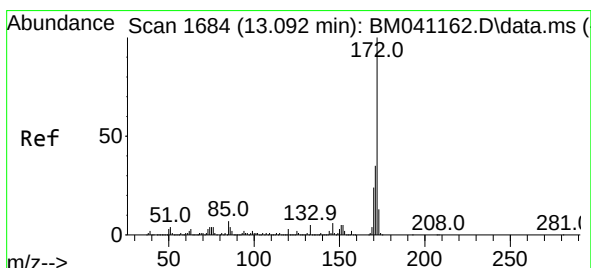
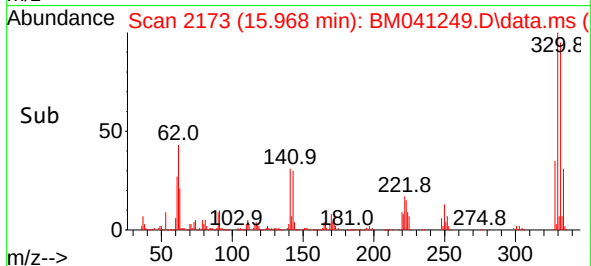
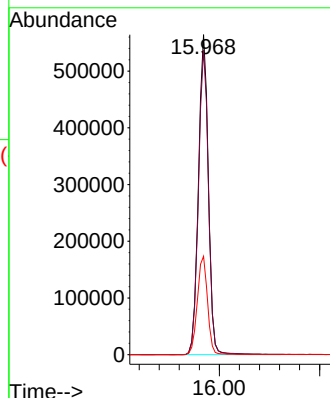
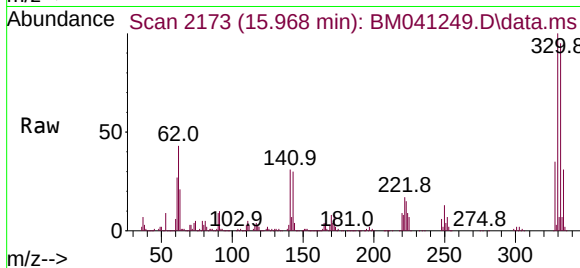
#42
2,4,6-Tribromophenol
Concen: 98.702 ng
RT: 15.968 min Scan# 2173
Delta R.T. -0.000 min
Lab File: BM041249.D
Acq: 02 Aug 2023 17:44

Instrument :
BNA_M
ClientSampleId :
B-P08A

Tgt Ion:330 Resp: 771719
Ion Ratio Lower Upper
330 100
332 96.1 77.7 116.5
141 31.7 28.3 42.5

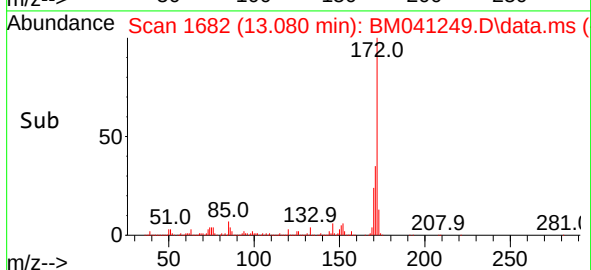
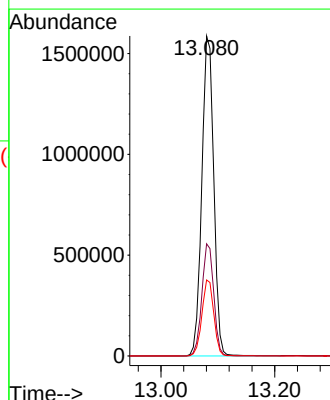
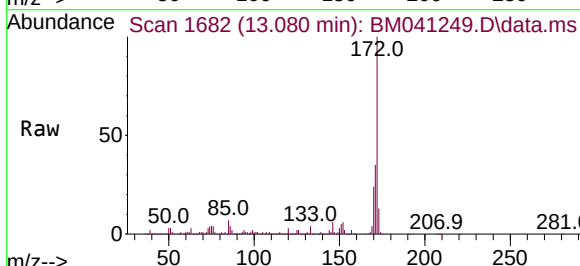
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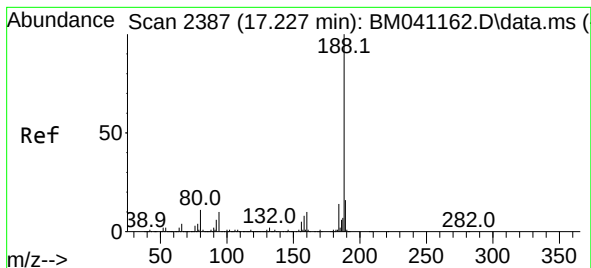
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023



#45
2-Fluorobiphenyl
Concen: 52.927 ng
RT: 13.080 min Scan# 1682
Delta R.T. -0.000 min
Lab File: BM041249.D
Acq: 02 Aug 2023 17:44

Tgt Ion:172 Resp: 2315967
Ion Ratio Lower Upper
172 100
171 35.0 28.1 42.1
170 23.7 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.227 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM041249.D

Acq: 02 Aug 2023 17:44

Instrument :

BNA_M

ClientSampleId :

B-P08A

Tgt Ion:188 Resp: 127273

Ion Ratio Lower Upper

188 100

94 8.4 8.2 12.2

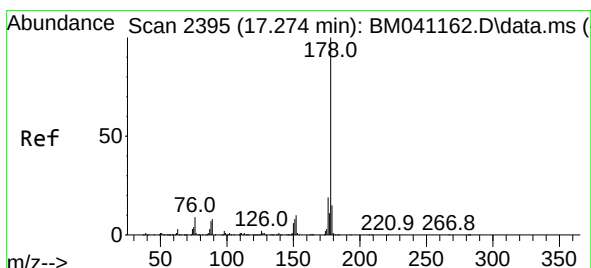
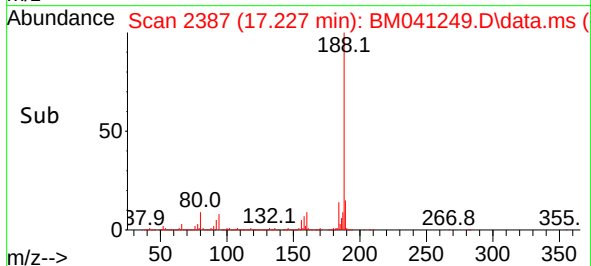
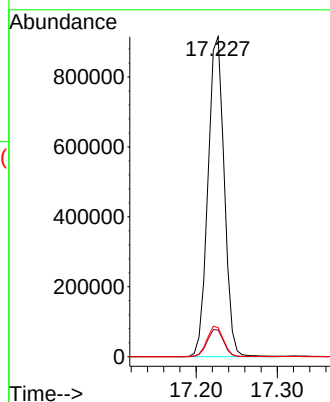
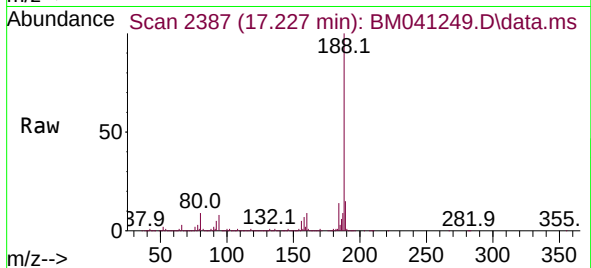
80 9.1 8.6 13.0

Manual Integrations

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Reviewed By :Yogesh Patel 08/03/2023

Supervised By :mohammad ahmed 08/03/2023



#71

Phenanthrene

Concen: 2.256 ng

RT: 17.268 min Scan# 2394

Delta R.T. -0.000 min

Lab File: BM041249.D

Acq: 02 Aug 2023 17:44

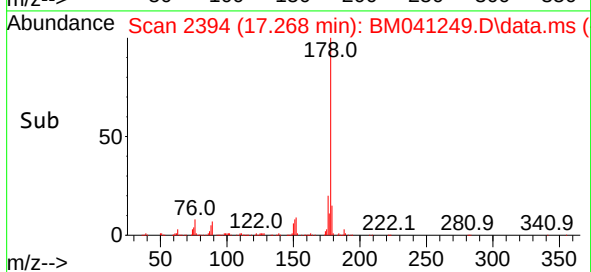
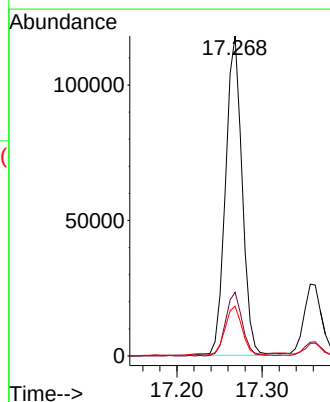
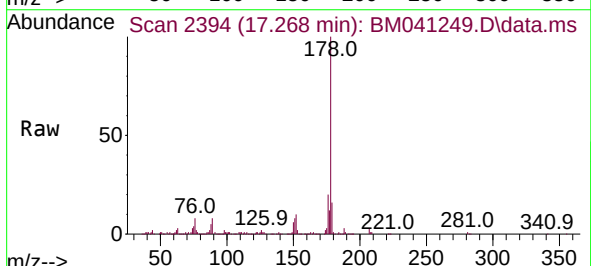
Tgt Ion:178 Resp: 159520

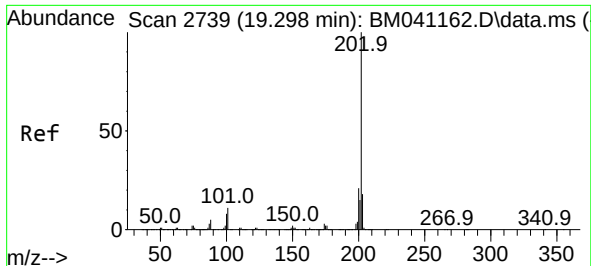
Ion Ratio Lower Upper

178 100

176 20.0 15.6 23.4

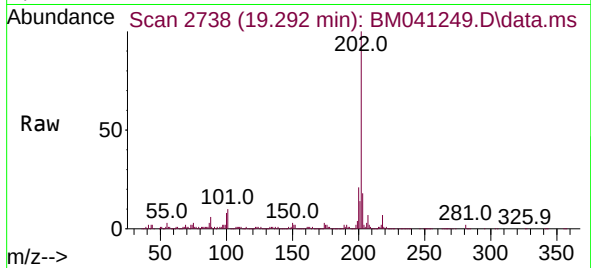
179 15.5 12.1 18.1





#75
Fluoranthene
Concen: 3.542 ng
RT: 19.292 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM041249.D
Acq: 02 Aug 2023 17:44

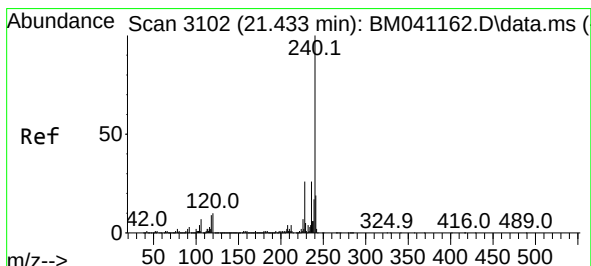
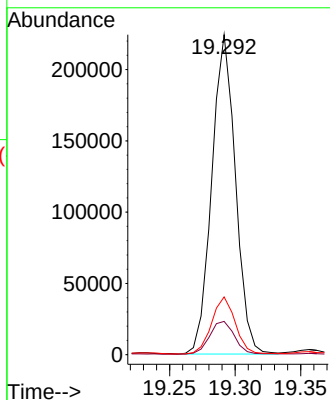
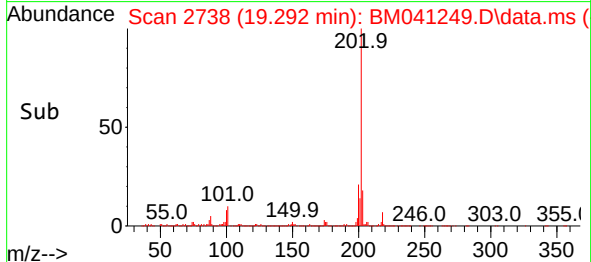
Instrument :
BNA_M
ClientSampleId :
B-P08A



Tgt Ion:202 Resp: 281418
Ion Ratio Lower Upper
202 100
101 10.4 0.0 30.8
203 18.1 0.0 37.6

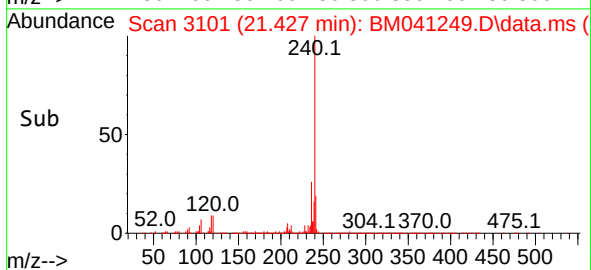
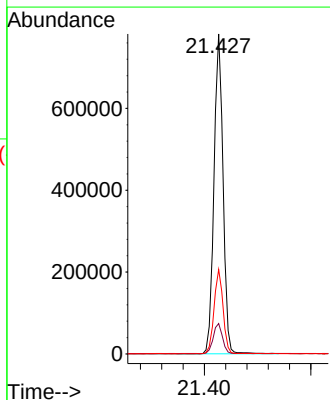
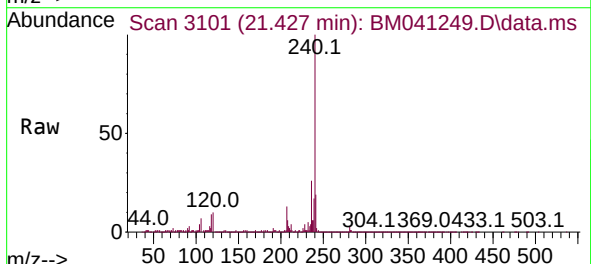
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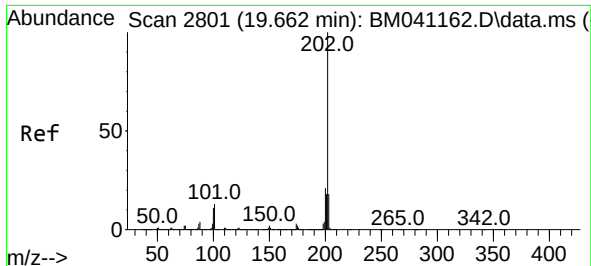
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.427 min Scan# 3101
Delta R.T. -0.006 min
Lab File: BM041249.D
Acq: 02 Aug 2023 17:44

Tgt Ion:240 Resp: 924804
Ion Ratio Lower Upper
240 100
120 9.5 8.3 12.5
236 26.4 20.6 30.8





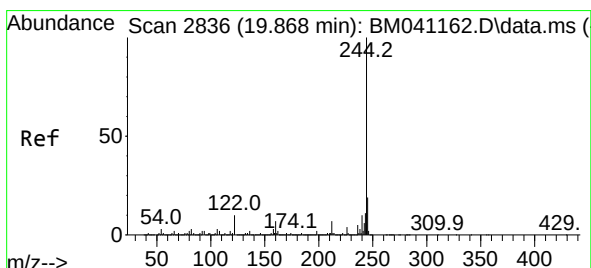
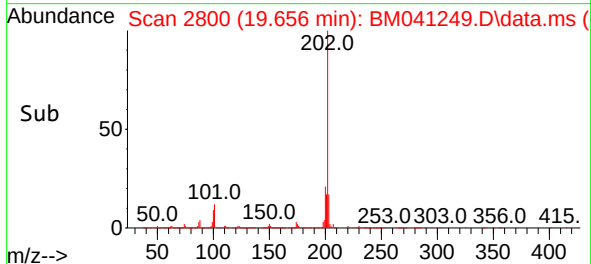
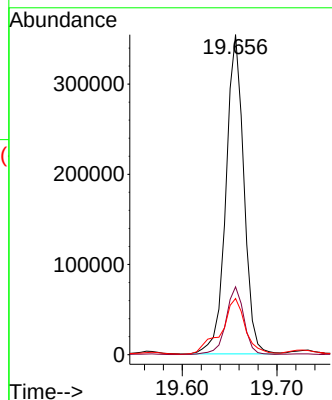
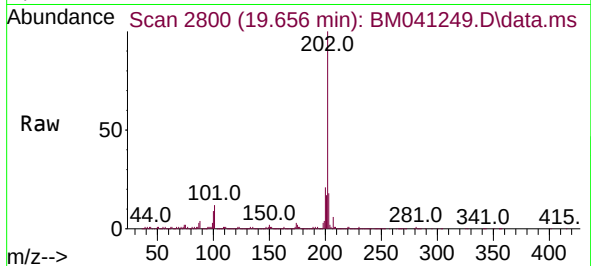
#78
Pyrene
Concen: 7.212 ng
RT: 19.656 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM041249.D
Acq: 02 Aug 2023 17:44

Instrument :
BNA_M
ClientSampleId :
B-P08A

Tgt Ion:202 Resp: 466404
Ion Ratio Lower Upper
202 100
200 21.2 16.9 25.3
203 17.6 14.1 21.1

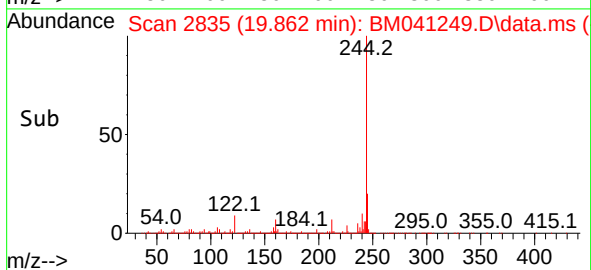
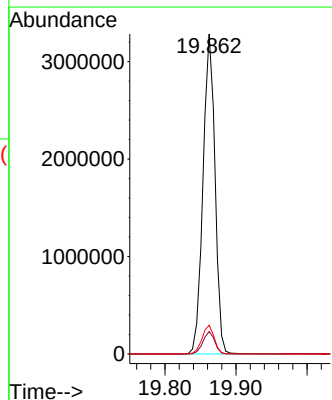
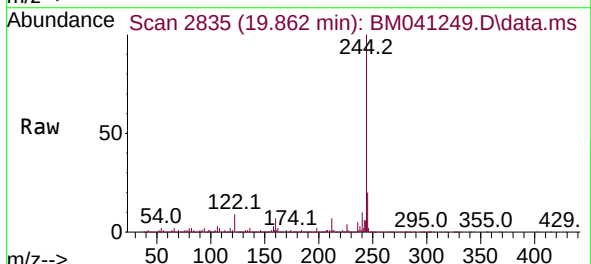
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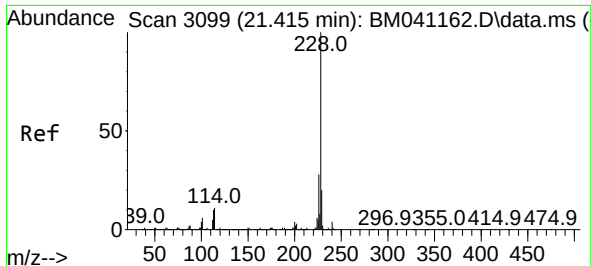
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023



#79
Terphenyl-d14
Concen: 75.576 ng
RT: 19.862 min Scan# 2835
Delta R.T. -0.000 min
Lab File: BM041249.D
Acq: 02 Aug 2023 17:44

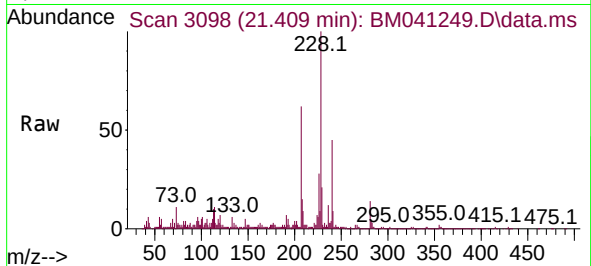
Tgt Ion:244 Resp: 3865628
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.2
122 9.0 7.8 11.6





#81
Benzo(a)anthracene
Concen: 3.063 ng
RT: 21.409 min Scan# 3099
Delta R.T. -0.006 min
Lab File: BM041249.D
Acq: 02 Aug 2023 17:44

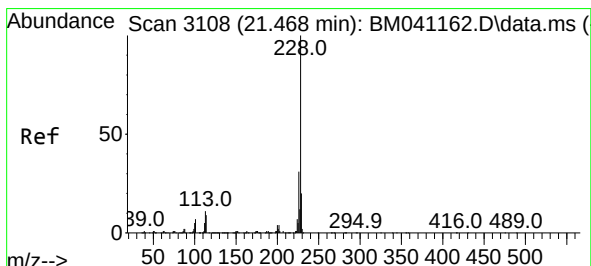
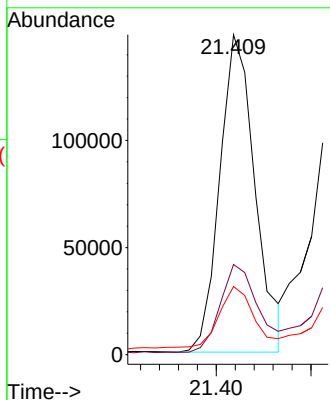
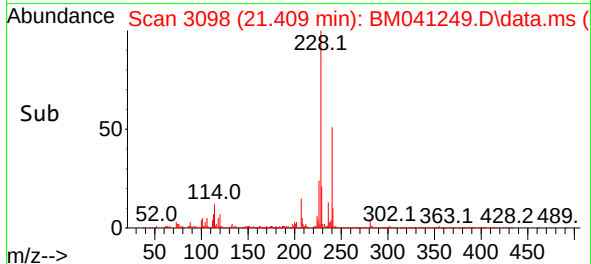
Instrument :
BNA_M
ClientSampleId :
B-P08A



Tgt Ion:228 Resp: 192011
Ion Ratio Lower Upper
228 100
226 28.2 22.4 33.6
229 21.3 15.8 23.8

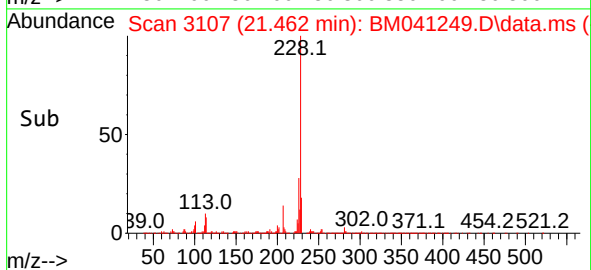
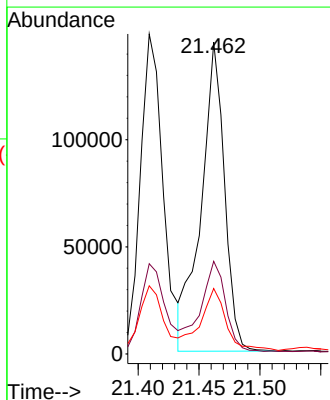
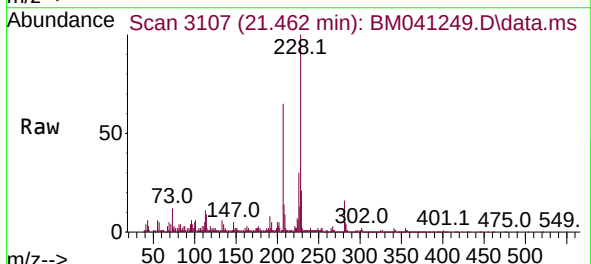
Manual Integrations
APPROVED

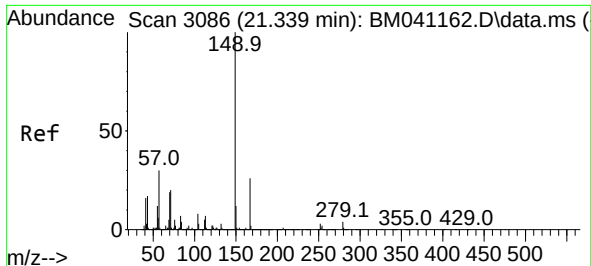
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023



#83
Chrysene
Concen: 3.178 ng
RT: 21.462 min Scan# 3107
Delta R.T. -0.006 min
Lab File: BM041249.D
Acq: 02 Aug 2023 17:44

Tgt Ion:228 Resp: 192689
Ion Ratio Lower Upper
228 100
226 29.7 24.5 36.7
229 21.0 15.8 23.8





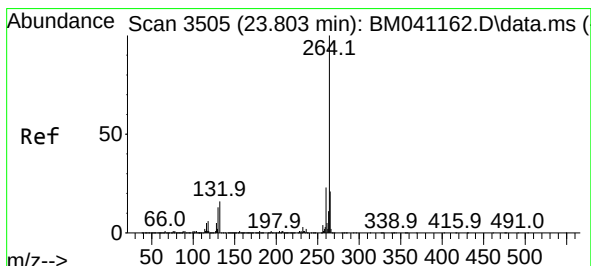
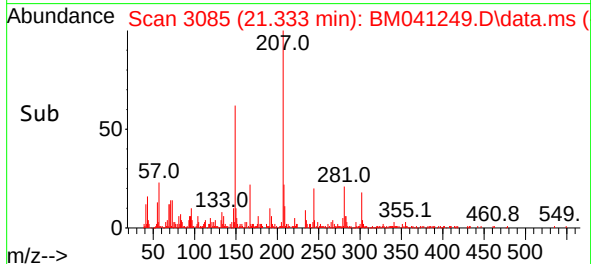
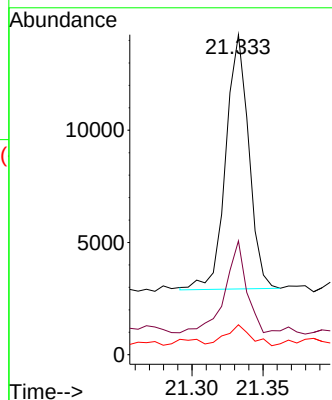
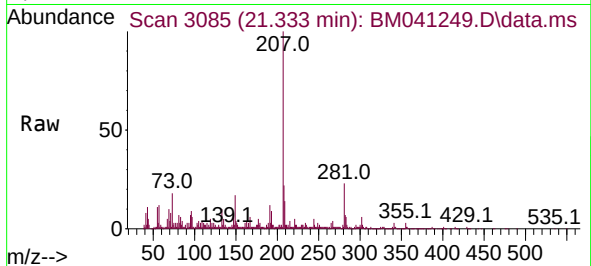
#84
Bis(2-ethylhexyl)phthalate
Concen: 2.860 ng
RT: 21.333 min Scan# 3085
Delta R.T. -0.000 min
Lab File: BM041249.D
Acq: 02 Aug 2023 17:44

Instrument :
BNA_M
ClientSampleId :
B-P08A

Tgt Ion:149 Resp: 1270
Ion Ratio Lower Upper
149 100
167 35.6 21.0 31.6
279 9.3 3.1 4.7

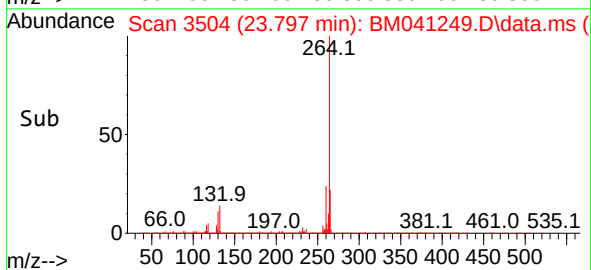
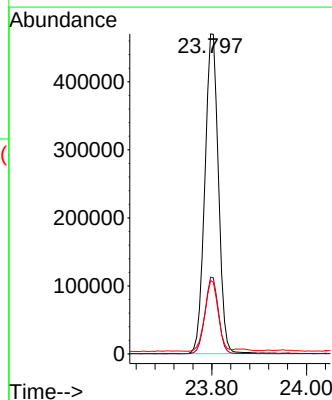
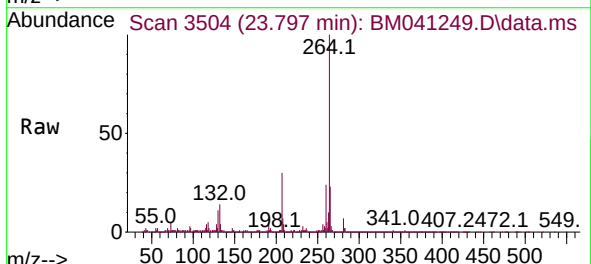
Manual Integrations
APPROVED

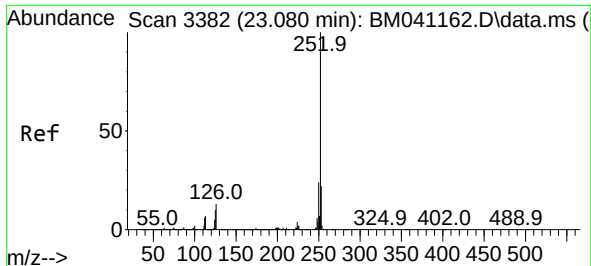
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.797 min Scan# 3504
Delta R.T. -0.006 min
Lab File: BM041249.D
Acq: 02 Aug 2023 17:44

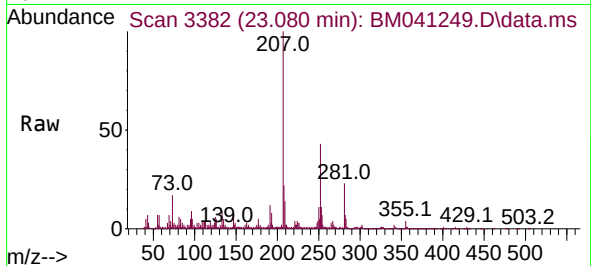
Tgt Ion:264 Resp: 934829
Ion Ratio Lower Upper
264 100
260 24.0 18.5 27.7
265 22.9 17.4 26.0





#88
Benzo(b)fluoranthene
Concen: 2.516 ng m
RT: 23.080 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM041249.D
Acq: 02 Aug 2023 17:44

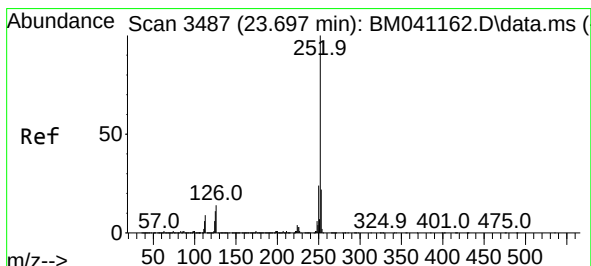
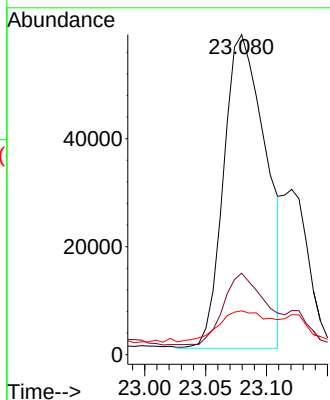
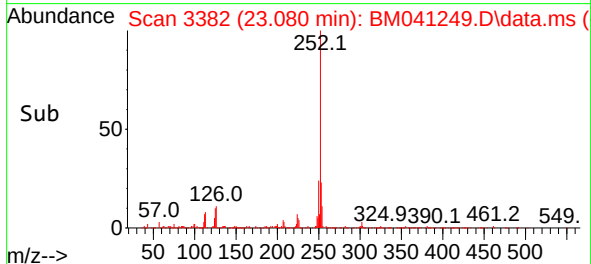
Instrument :
BNA_M
ClientSampleId :
B-P08A



Tgt Ion:252 Resp: 13970
Ion Ratio Lower Upper
252 100
253 25.4 17.7 26.5
125 13.7 8.2 12.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023



#90
Benzo(a)pyrene
Concen: 2.409 ng
RT: 23.691 min Scan# 3486
Delta R.T. -0.006 min
Lab File: BM041249.D
Acq: 02 Aug 2023 17:44

Tgt Ion:252 Resp: 128527
Ion Ratio Lower Upper
252 100
253 24.3 17.3 25.9
125 12.8 9.0 13.4

