

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111023\
 Data File : BM042696.D
 Acq On : 10 Nov 2023 17:58
 Operator : MA/JU
 Sample : 05292-01 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CORONA

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/14/2023
 Supervised By :mohammad ahmed 11/16/2023

Quant Time: Nov 10 23:08:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 09 13:21:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.845	152	57226	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	219683	20.000	ng	0.00
39) Acenaphthene-d10	14.504	164	126493	20.000	ng	0.00
64) Phenanthrene-d10	17.256	188	229094	20.000	ng	# 0.00
76) Chrysene-d12	21.439	240	227008	20.000	ng	0.00
86) Perylene-d12	23.821	264	273598	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	144790	40.833	ng	0.00
7) Phenol-d6	7.016	99	180643	37.146	ng	0.00
23) Nitrobenzene-d5	9.045	82	134112	28.458	ng	0.00
42) 2,4,6-Tribromophenol	15.998	330	64293	38.931	ng	0.00
45) 2-Fluorobiphenyl	13.121	172	272470	28.985	ng	0.00
79) Terphenyl-d14	19.874	244	294621	22.006	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	19.315	202	49451	3.516	ng	97
78) Pyrene	19.680	202	45197	2.900	ng	97
83) Chrysene	21.480	228	33487m	2.282	ng	
88) Benzo(b)fluoranthene	23.085	252	53794	3.529	ng	# 95
91) Dibenzo(a,h)anthracene	26.291	278	6451	4.530	ng	# 50

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

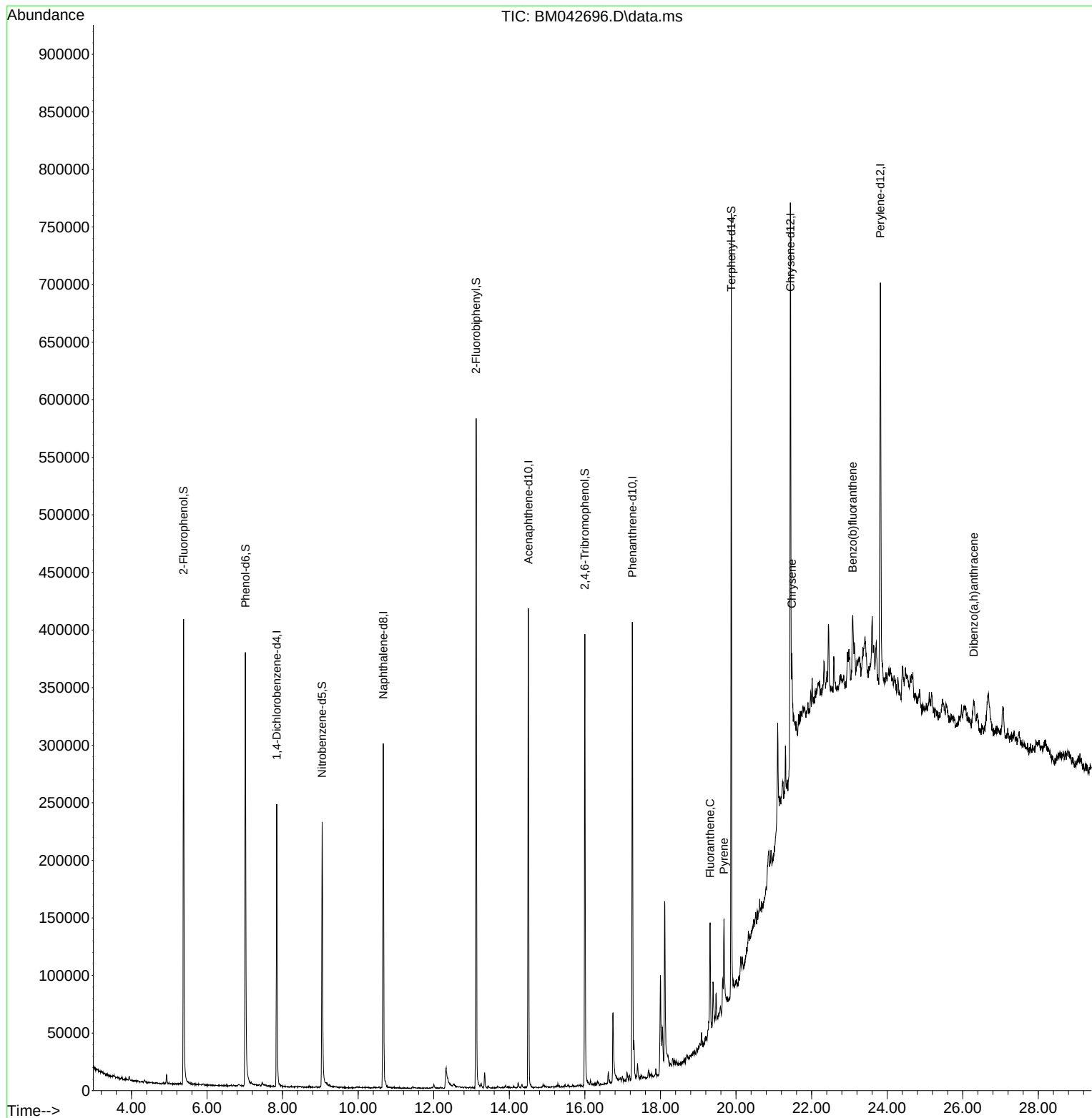
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111023\
Data File : BM042696.D
Acq On : 10 Nov 2023 17:58
Operator : MA/JU
Sample : 05292-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

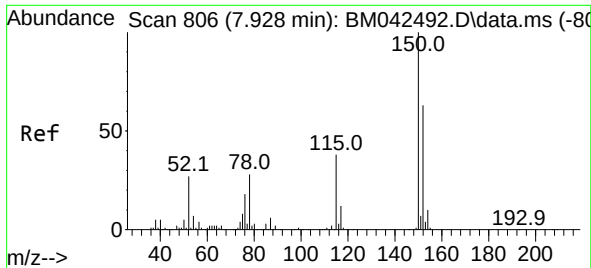
Instrument :
BNA_M
ClientSampleId :
CORONA

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Supervised By :mohammad ahmed 11/16/2023

Quant Time: Nov 10 23:08:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 09 13:21:00 2023
Response via : Initial Calibration





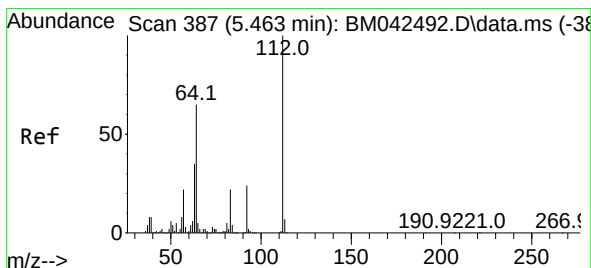
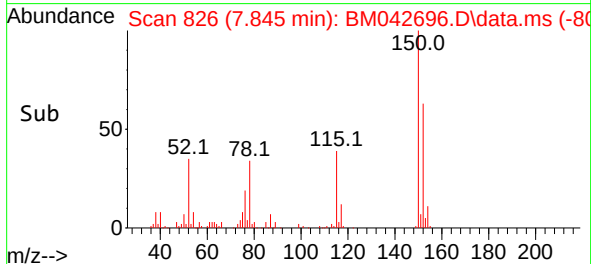
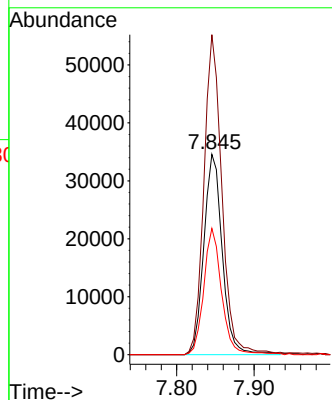
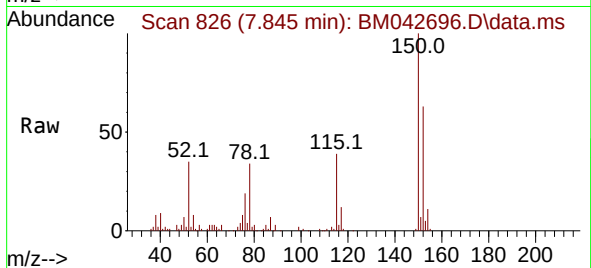
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.845 min Scan# 806
Delta R.T. 0.000 min
Lab File: BM042696.D
Acq: 10 Nov 2023 17:58

Instrument :
BNA_M
ClientSampleId :
CORONA

Tgt Ion:152 Resp: 57220
Ion Ratio Lower Upper
152 100
150 159.7 127.4 191.0
115 63.0 47.9 71.9

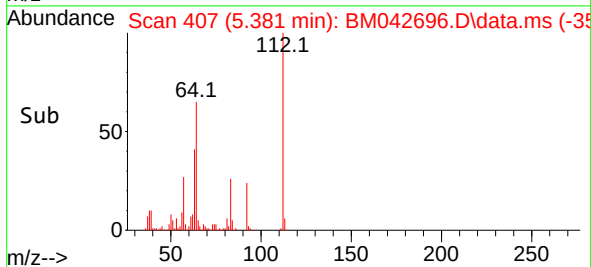
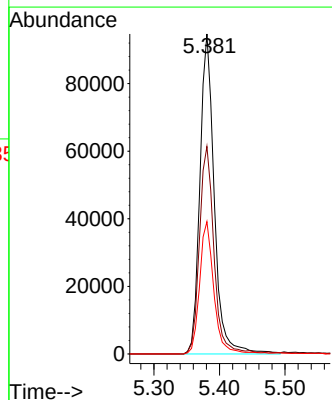
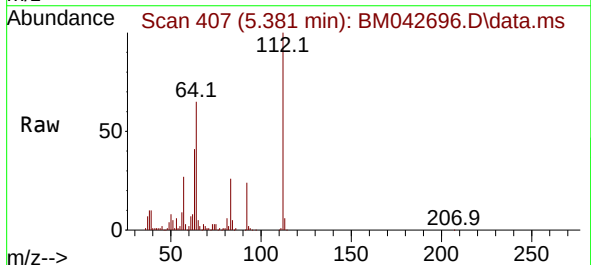
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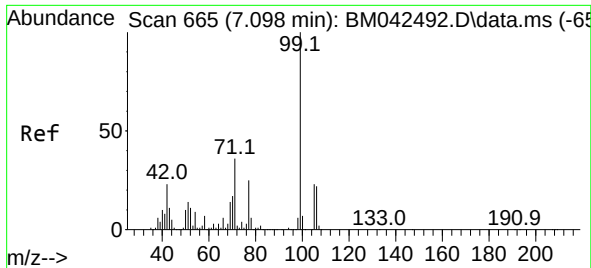
Reviewed By :Yogesh Patel 11/14/2023
Supervised By :mohammad ahmed 11/16/2023



#5
2-Fluorophenol
Concen: 40.833 ng
RT: 5.381 min Scan# 407
Delta R.T. 0.006 min
Lab File: BM042696.D
Acq: 10 Nov 2023 17:58

Tgt Ion:112 Resp: 144790
Ion Ratio Lower Upper
112 100
64 64.9 52.1 78.1
63 41.4 28.3 42.5





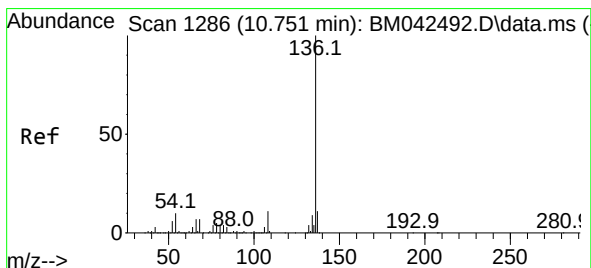
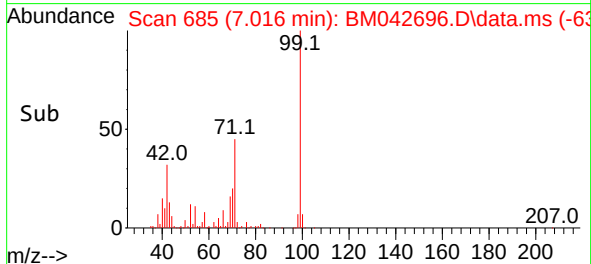
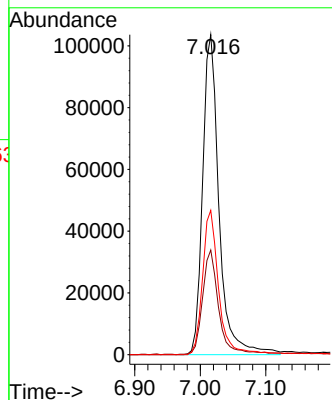
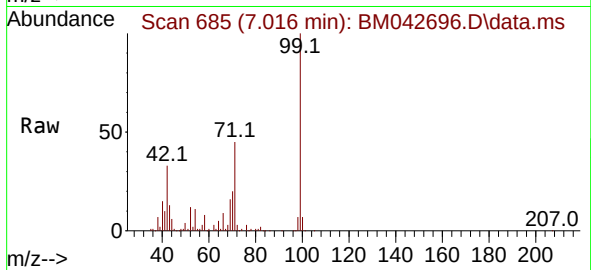
#7
Phenol-d6
Concen: 37.146 ng
RT: 7.016 min Scan# 60
Delta R.T. 0.006 min
Lab File: BM042696.D
Acq: 10 Nov 2023 17:58

Instrument :
BNA_M
ClientSampleId :
CORONA

Tgt Ion: 99 Resp: 18064
Ion Ratio Lower Upper
99 100
42 32.7 18.7 28.1
71 45.1 29.1 43.7

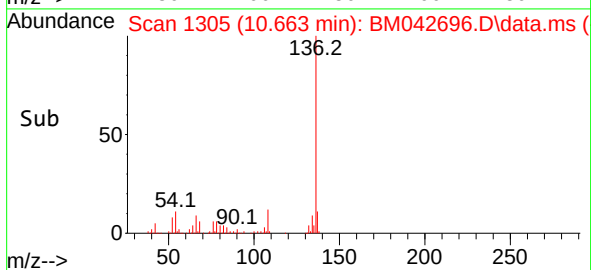
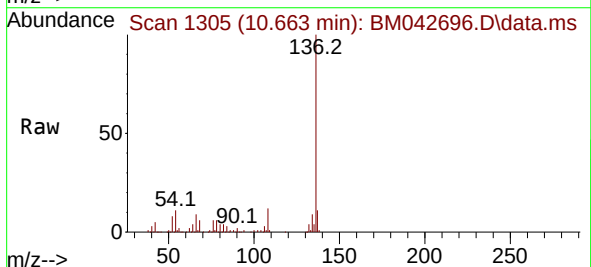
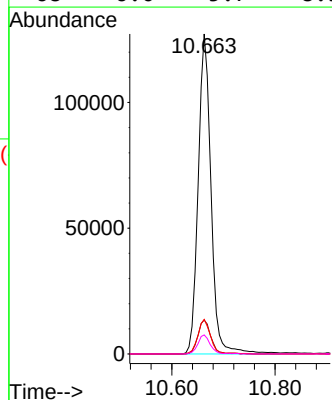
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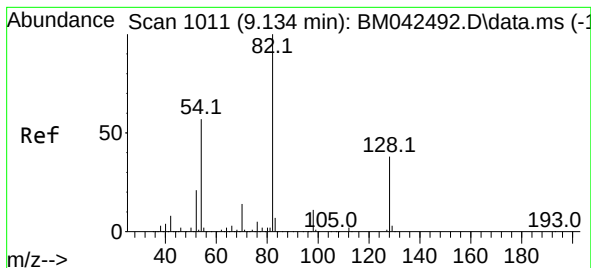
Reviewed By :Yogesh Patel 11/14/2023
Supervised By :mohammad ahmed 11/16/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1305
Delta R.T. -0.000 min
Lab File: BM042696.D
Acq: 10 Nov 2023 17:58

Tgt Ion:136 Resp: 219683
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.6
54 10.8 8.0 12.0
68 6.0 5.7 8.5





#23

Nitrobenzene-d5

Concen: 28.458 ng

RT: 9.045 min Scan# 1011

Delta R.T. -0.006 min

Lab File: BM042696.D

Acq: 10 Nov 2023 17:58

Instrument :

BNA_M

ClientSampleId :

CORONA

Tgt Ion: 82 Resp: 13411

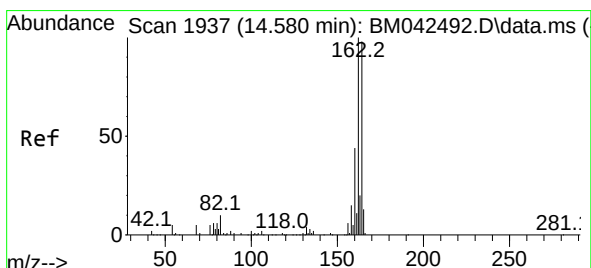
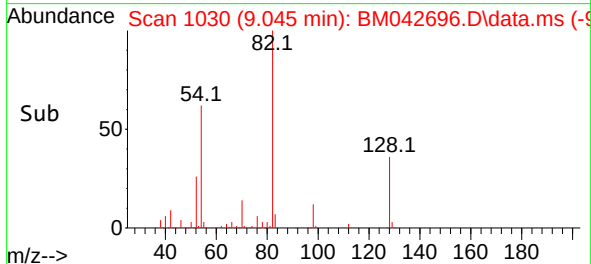
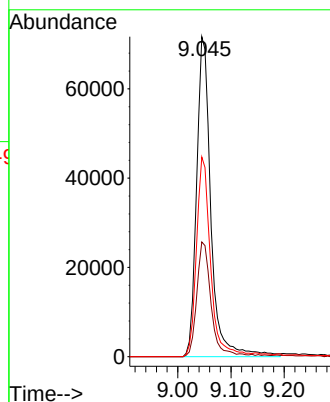
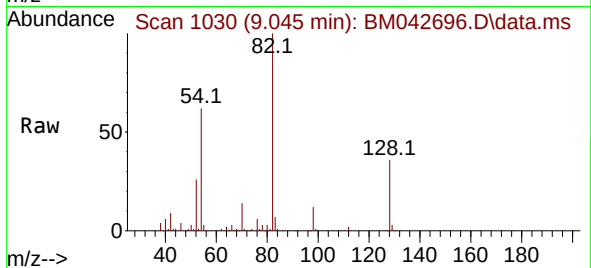
Ion	Ratio	Lower	Upper
82	100		
128	35.8	30.7	46.1
54	62.4	45.3	67.9

Manual Integrations

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Reviewed By :Yogesh Patel 11/14/2023

Supervised By :mohammad ahmed 11/16/2023



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.504 min Scan# 1958

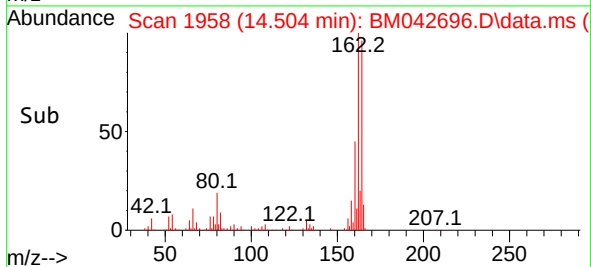
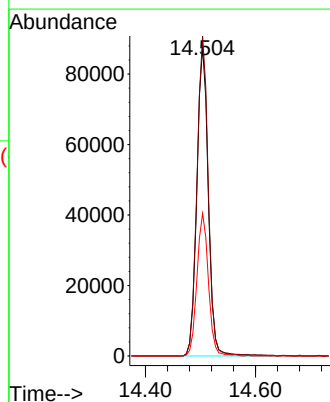
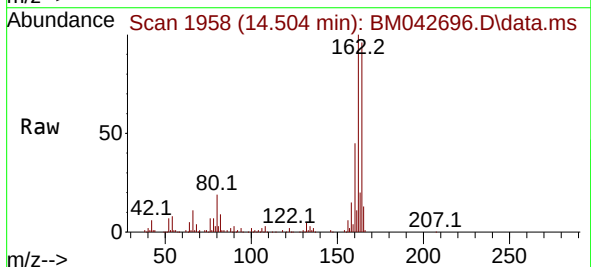
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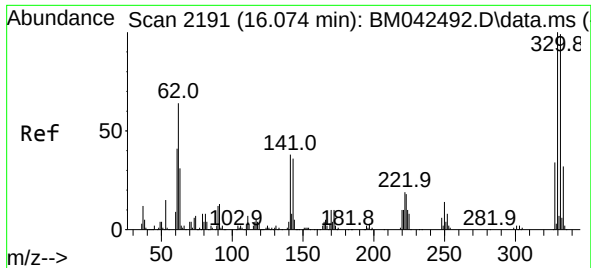
Lab File: BM042696.D

Acq: 10 Nov 2023 17:58

Tgt Ion:164 Resp: 126493

Ion	Ratio	Lower	Upper
164	100		
162	103.7	81.6	122.4
160	46.2	36.2	54.4





#42
2,4,6-Tribromophenol
Concen: 38.931 ng
RT: 15.998 min Scan# 2191
Delta R.T. -0.000 min
Lab File: BM042696.D
Acq: 10 Nov 2023 17:58

Instrument :

BNA_M

ClientSampleId :

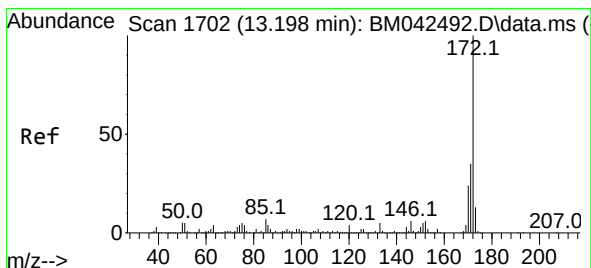
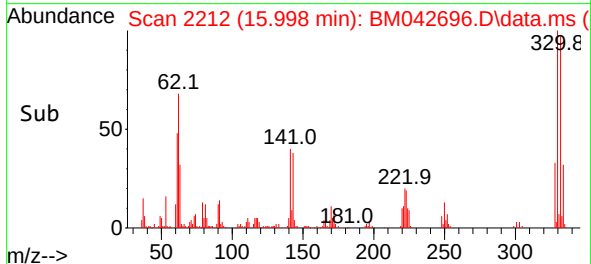
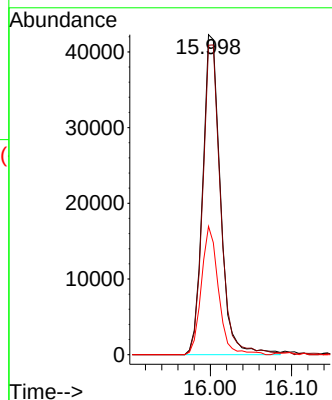
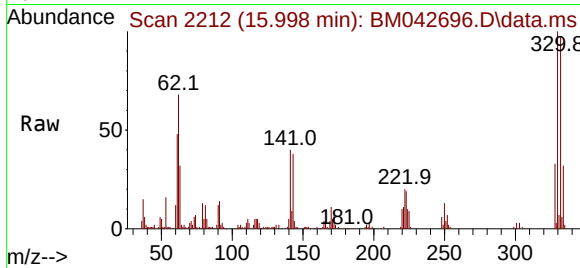
CORONA

Tgt Ion:330 Resp: 6429
Ion Ratio Lower Upper
330 100
332 97.6 78.8 118.2
141 38.7 31.1 46.7

Manual Integrations

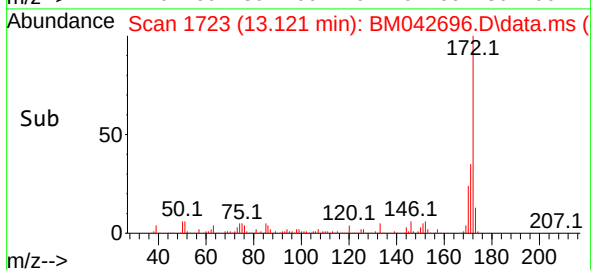
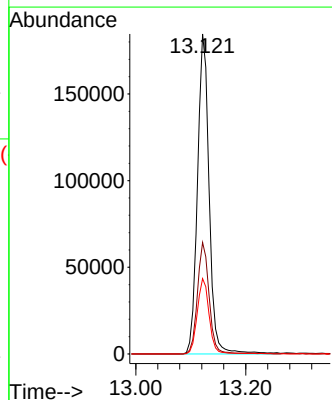
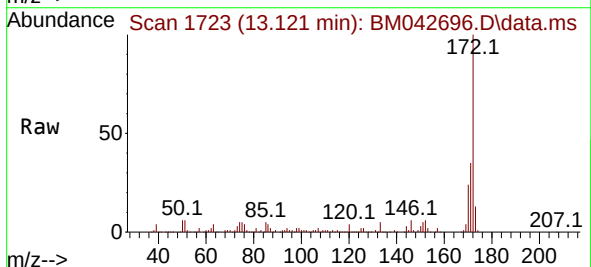
APPROVED

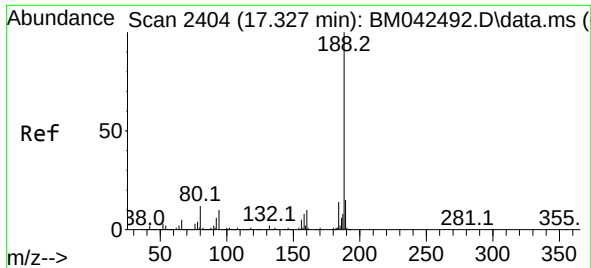
Reviewed By :Yogesh Patel 11/14/2023
Supervised By :mohammad ahmed 11/16/2023



#45
2-Fluorobiphenyl
Concen: 28.985 ng
RT: 13.121 min Scan# 1723
Delta R.T. -0.000 min
Lab File: BM042696.D
Acq: 10 Nov 2023 17:58

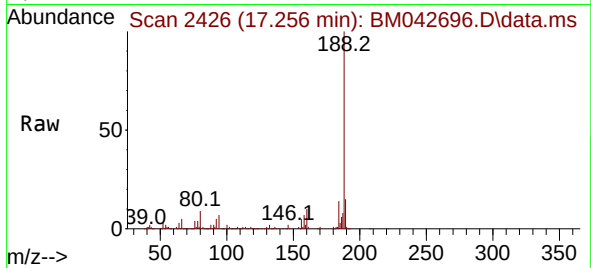
Tgt Ion:172 Resp: 272470
Ion Ratio Lower Upper
172 100
171 34.8 28.2 42.2
170 23.5 19.0 28.4





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.256 min Scan# 2404
Delta R.T. -0.000 min
Lab File: BM042696.D
Acq: 10 Nov 2023 17:58

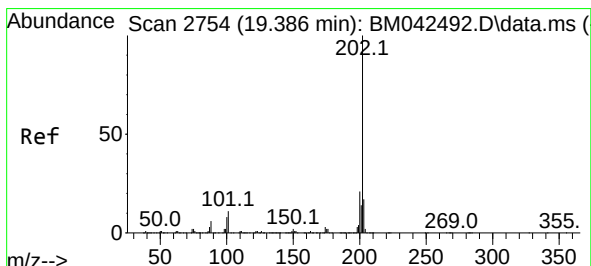
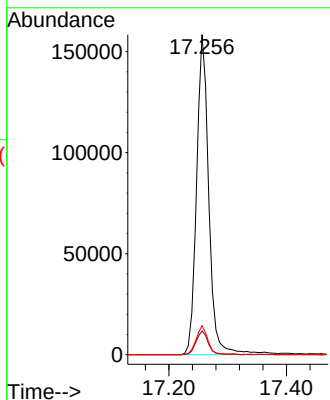
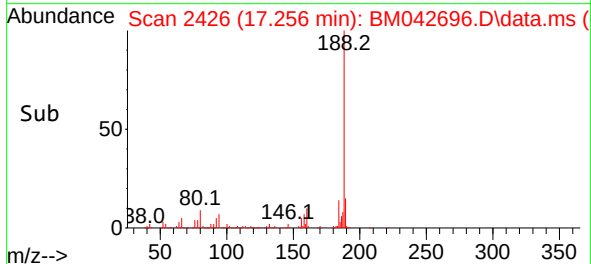
Instrument :
BNA_M
ClientSampleId :
CORONA



Tgt Ion:188 Resp: 229094
Ion Ratio Lower Upper
188 100
94 7.5 8.2 12.4
80 9.1 9.4 14.2

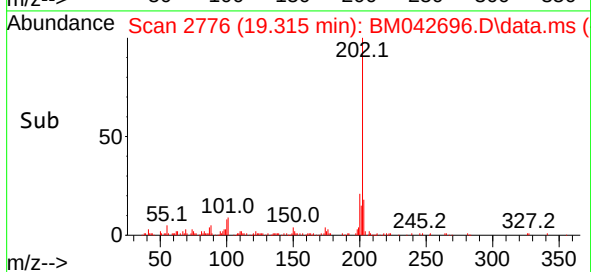
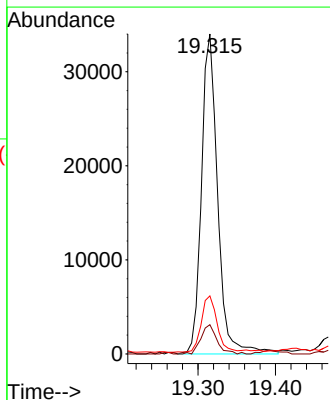
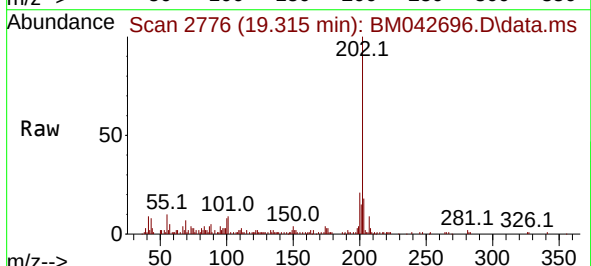
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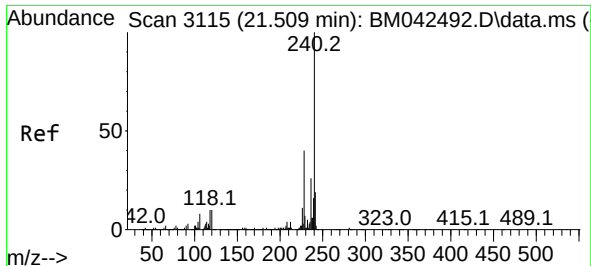
Reviewed By :Yogesh Patel 11/14/2023
Supervised By :mohammad ahmed 11/16/2023



#75
Fluoranthene
Concen: 3.516 ng
RT: 19.315 min Scan# 2776
Delta R.T. -0.000 min
Lab File: BM042696.D
Acq: 10 Nov 2023 17:58

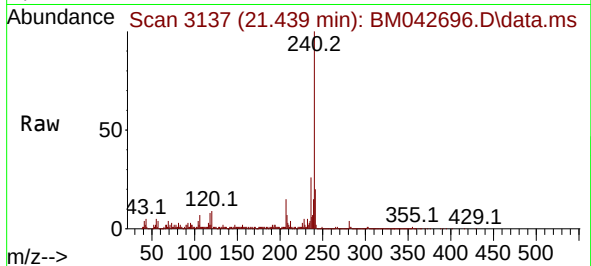
Tgt Ion:202 Resp: 49451
Ion Ratio Lower Upper
202 100
101 9.2 0.0 30.5
203 18.2 0.0 37.0





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.439 min Scan# 3115
Delta R.T. -0.000 min
Lab File: BM042696.D
Acq: 10 Nov 2023 17:58

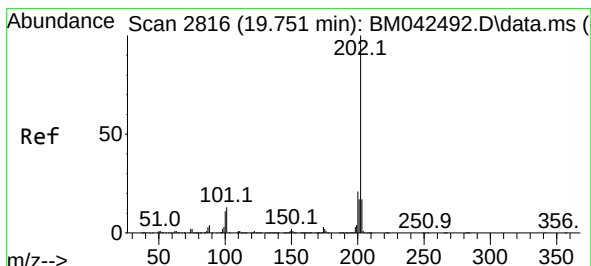
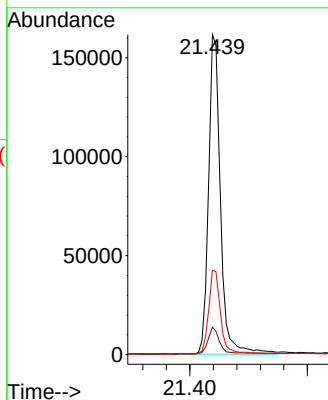
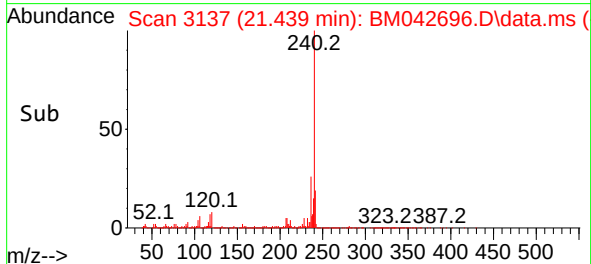
Instrument :
BNA_M
ClientSampleId :
CORONA



Tgt Ion:240 Resp: 227000
Ion Ratio Lower Upper
240 100
120 8.6 8.3 12.5
236 26.4 20.8 31.2

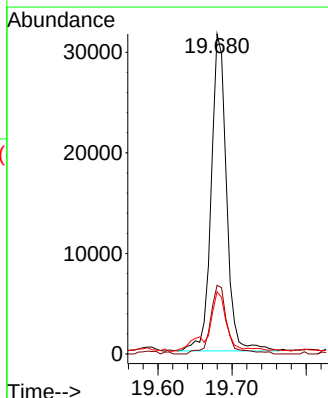
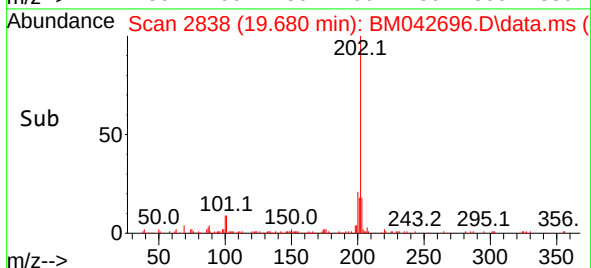
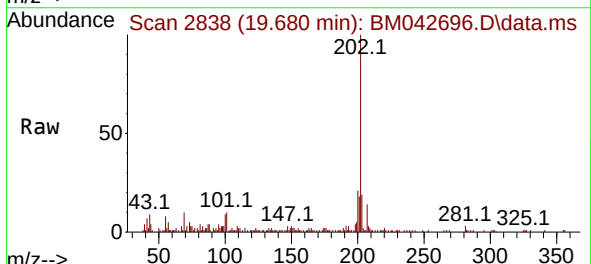
Manual Integrations
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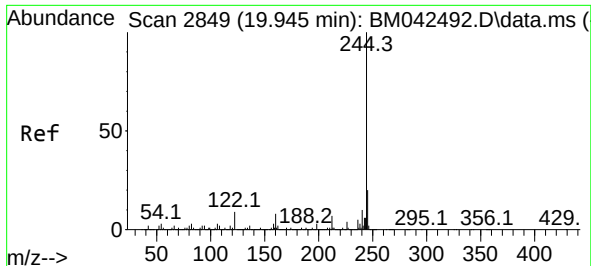
Reviewed By :Yogesh Patel 11/14/2023
Supervised By :mohammad ahmed 11/16/2023



#78
Pyrene
Concen: 2.900 ng
RT: 19.680 min Scan# 2838
Delta R.T. -0.000 min
Lab File: BM042696.D
Acq: 10 Nov 2023 17:58

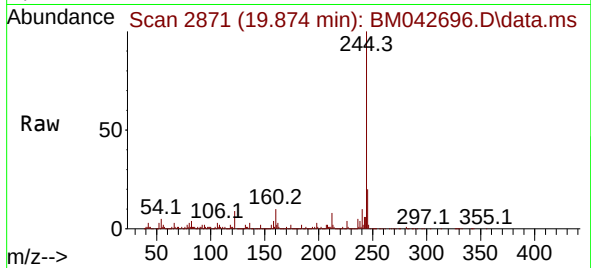
Tgt Ion:202 Resp: 45197
Ion Ratio Lower Upper
202 100
200 21.5 16.9 25.3
203 19.5 13.7 20.5





#79
 Terphenyl-d14
 Concen: 22.006 ng
 RT: 19.874 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM042696.D
 Acq: 10 Nov 2023 17:58

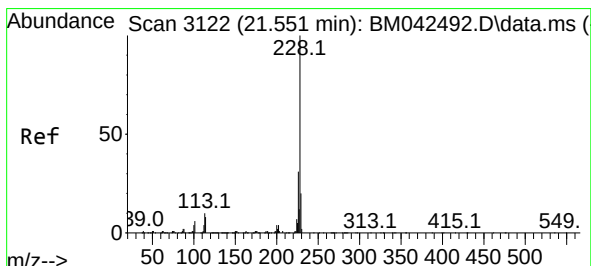
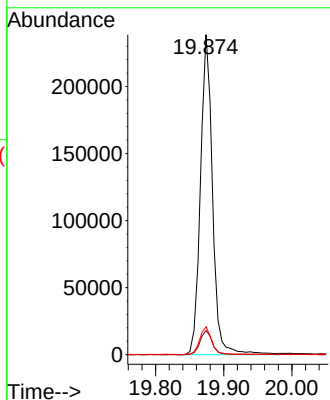
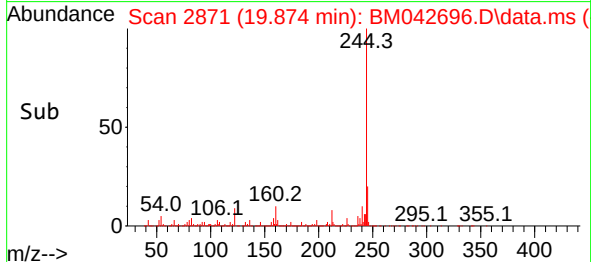
Instrument :
 BNA_M
 ClientSampleId :
 CORONA



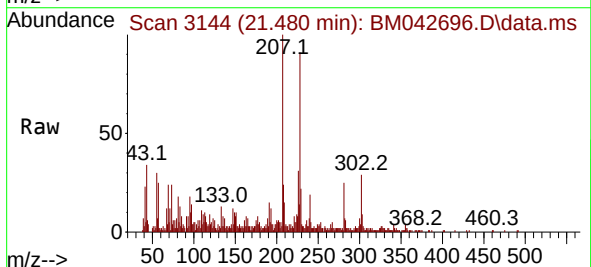
Tgt Ion:244 Resp: 29462
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.4 8.2
 122 8.7 7.2 10.8

Manual Integrations
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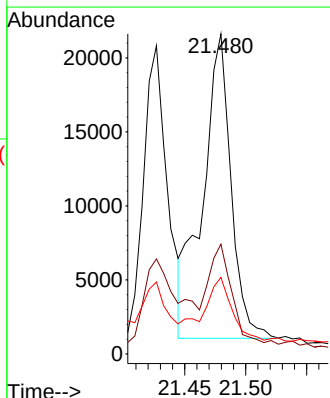
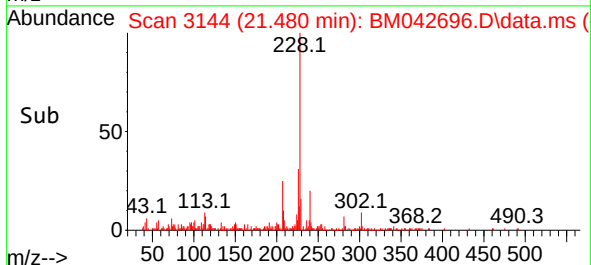
Reviewed By :Yogesh Patel 11/14/2023
 Supervised By :mohammad ahmed 11/16/2023

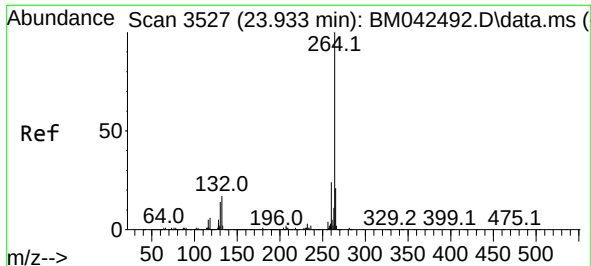


#83
 Chrysene
 Concen: 2.282 ng m
 RT: 21.480 min Scan# 3144
 Delta R.T. -0.000 min
 Lab File: BM042696.D
 Acq: 10 Nov 2023 17:58



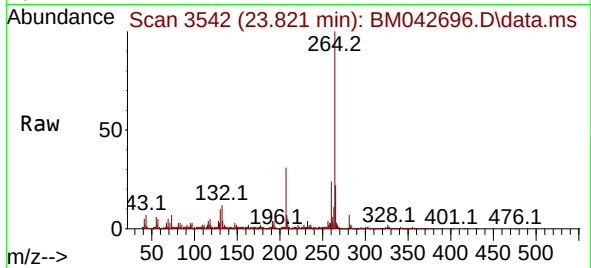
Tgt Ion:228 Resp: 33487
 Ion Ratio Lower Upper
 228 100
 226 34.3 24.4 36.6
 229 23.9 15.7 23.5#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.821 min Scan# 31
Delta R.T. 0.006 min
Lab File: BM042696.D
Acq: 10 Nov 2023 17:58

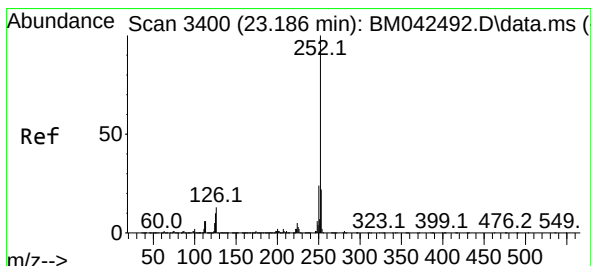
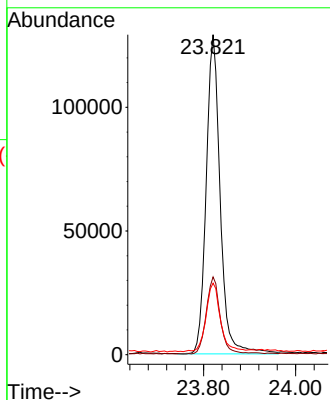
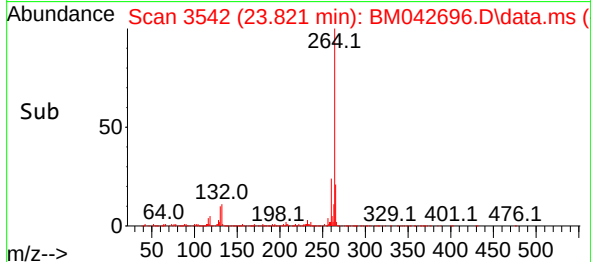
Instrument :
BNA_M
ClientSampleId :
CORONA



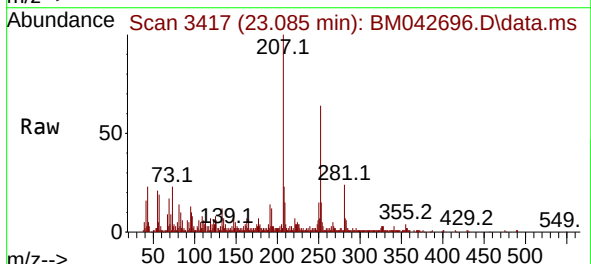
Tgt Ion:264 Resp: 273598
Ion Ratio Lower Upper
264 100
260 24.3 19.0 28.4
265 22.3 18.7 28.1

Manual Integrations
APPROVED

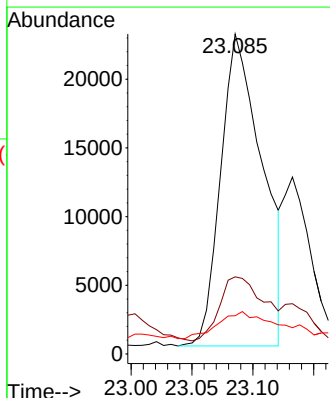
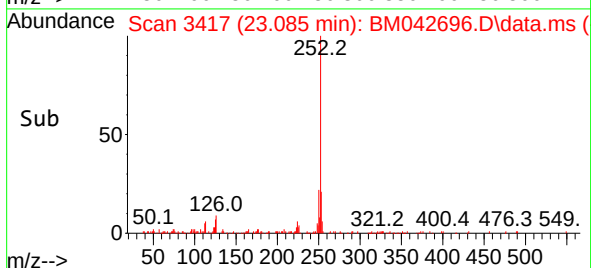
Reviewed By :Yogesh Patel 11/14/2023
Supervised By :mohammad ahmed 11/16/2023

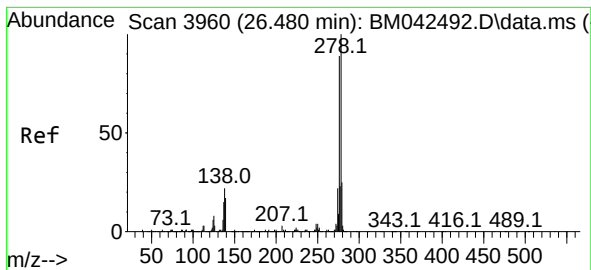


#88
Benzo(b)fluoranthene
Concen: 3.529 ng
RT: 23.085 min Scan# 3417
Delta R.T. -0.000 min
Lab File: BM042696.D
Acq: 10 Nov 2023 17:58



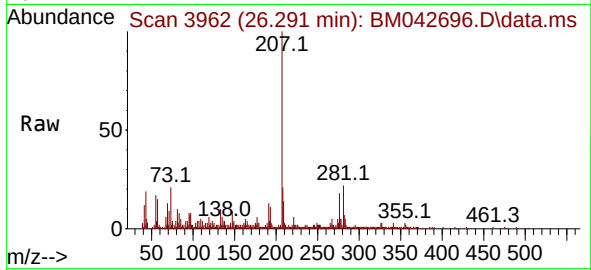
Tgt Ion:252 Resp: 53794
Ion Ratio Lower Upper
252 100
253 24.1 17.5 26.3
125 12.0 7.8 11.6#





#91
Dibenzo(a,h)anthracene
Concen: 4.530 ng
RT: 26.291 min Scan# 3962
Delta R.T. -0.024 min
Lab File: BM042696.D
Acq: 10 Nov 2023 17:58

Instrument :
BNA_M
ClientSampleId :
CORONA



Tgt Ion: 278 Resp: 645
Ion Ratio Lower Upper
278 100
139 39.3 13.4 20.2
279 48.8 19.7 29.5

Manual Integrations
APPROVED

Reviewed By : Yogesh Patel 11/14/2023
Supervised By : mohammad ahmed 11/16/2023

