

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032322\
 Data File : BM034349.D
 Acq On : 23 Mar 2022 21:21
 Operator : CG/JU
 Sample : N1958-03 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C-3-2-3

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/24/2022
 Supervised By : Jagrut Upadhyay 03/24/2022

Quant Time: Mar 24 02:43:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 24 02:40:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.936	152	171630	20.000	ng	0.00
21) Naphthalene-d8	10.748	136	684290	20.000	ng	0.00
39) Acenaphthene-d10	14.577	164	400950	20.000	ng	0.00
64) Phenanthrene-d10	17.318	188	771539	20.000	ng	0.00
76) Chrysene-d12	21.489	240	758806	20.000	ng	0.00
86) Perylene-d12	23.900	264	831491	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.490	112	222369	23.243	ng	0.00
7) Phenol-d6	7.095	99	287368	20.979	ng	0.00
23) Nitrobenzene-d5	9.095	82	189693	13.497	ng	-0.01
42) 2,4,6-Tribromophenol	16.059	330	103657	19.180	ng	0.00
45) 2-Fluorobiphenyl	13.201	172	414757	14.135	ng	-0.01
79) Terphenyl-d14	19.930	244	598369	13.702	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.801	128	99781	2.799	ng	99
71) Phenanthrene	17.359	178	184383	4.267	ng	100
75) Fluoranthene	19.371	202	437982	9.042	ng	98
78) Pyrene	19.730	202	424278	7.936	ng	99
81) Benzo(a)anthracene	21.471	228	215851	4.507	ng	97
83) Chrysene	21.524	228	205719	4.206	ng	97
88) Benzo(b)fluoranthene	23.165	252	301361m	6.061	ng	
90) Benzo(a)pyrene	23.794	252	215975	5.124	ng	# 95
92) Benzo(g,h,i)perylene	27.182	276	164927	3.674	ng	99

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

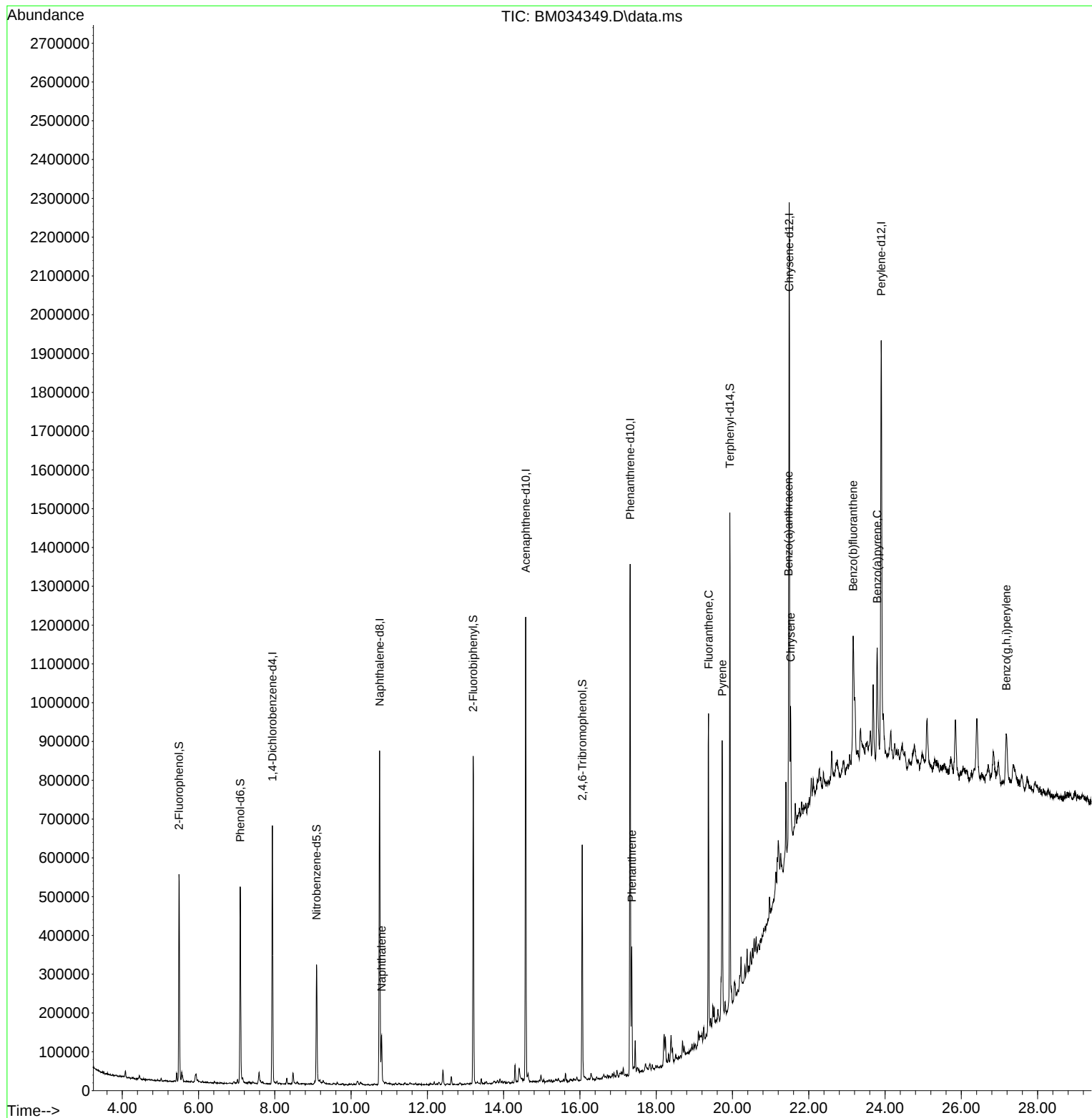
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032322\
Data File : BM034349.D
Acq On : 23 Mar 2022 21:21
Operator : CG/JU
Sample : N1958-03 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

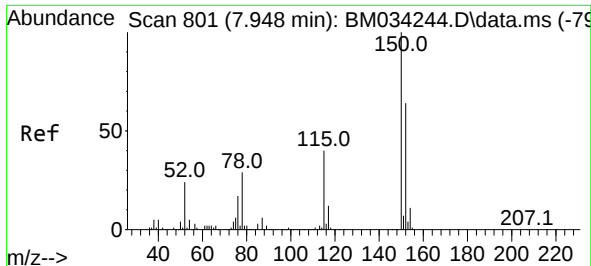
Instrument :
BNA_M
ClientSampleId :
C-3-2-3

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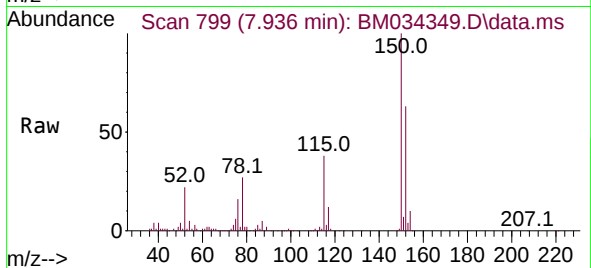
Quant Time: Mar 24 02:43:40 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 24 02:40:59 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.936 min Scan# 79
Delta R.T. -0.006 min
Lab File: BM034349.D
Acq: 23 Mar 2022 21:21

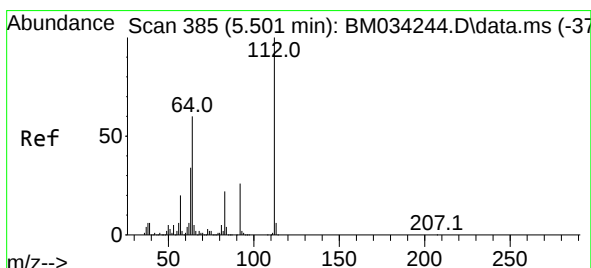
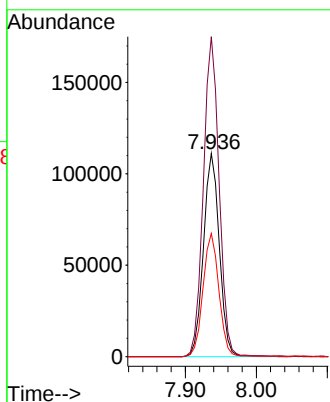
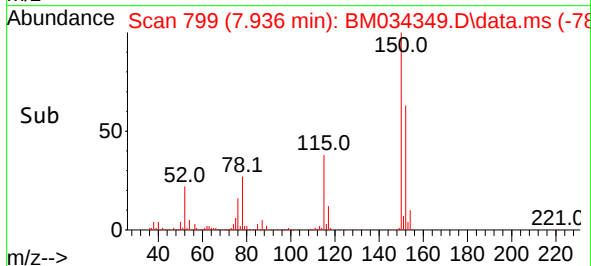
Instrument :
BNA_M
ClientSampleId :
C-3-2-3



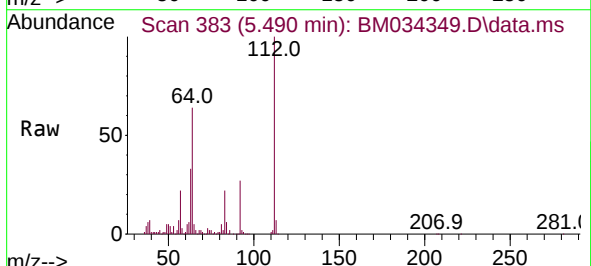
Tgt Ion:152 Resp: 171636
Ion Ratio Lower Upper
152 100
150 157.6 125.4 188.2
115 60.6 50.1 75.1

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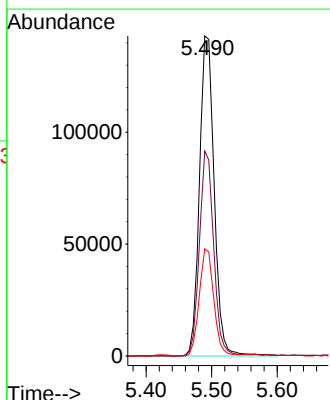
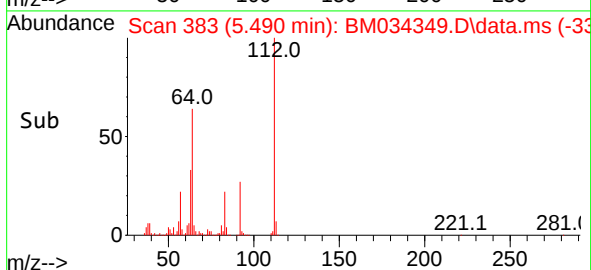
Reviewed By :Christian Giraldo 03/24/2022
Supervised By :Jagrut Upadhyay 03/24/2022

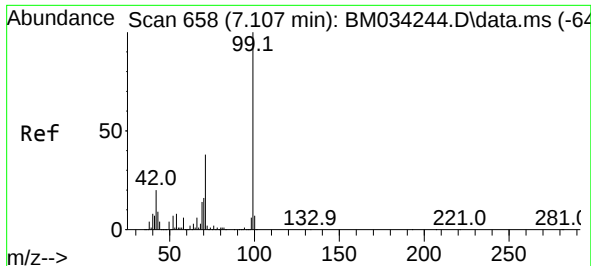


#5
2-Fluorophenol
Concen: 23.243 ng
RT: 5.490 min Scan# 383
Delta R.T. -0.000 min
Lab File: BM034349.D
Acq: 23 Mar 2022 21:21



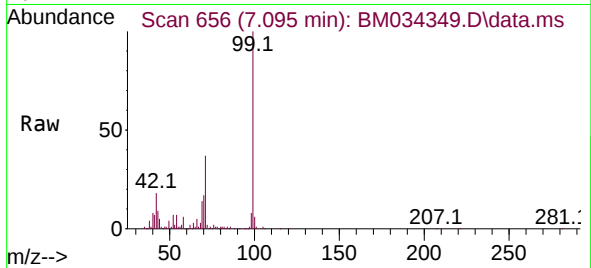
Tgt Ion:112 Resp: 222369
Ion Ratio Lower Upper
112 100
64 64.0 47.9 71.9
63 33.5 27.1 40.7





#7
Phenol-d6
Concen: 20.979 ng
RT: 7.095 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM034349.D
Acq: 23 Mar 2022 21:21

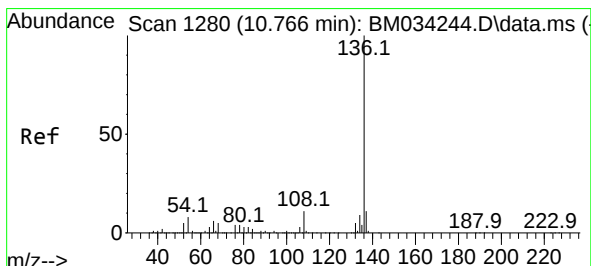
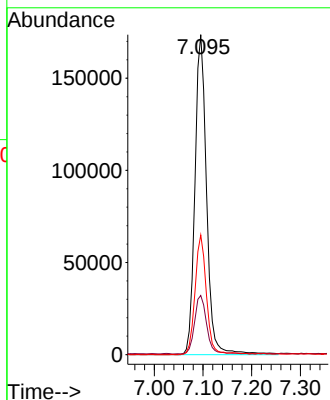
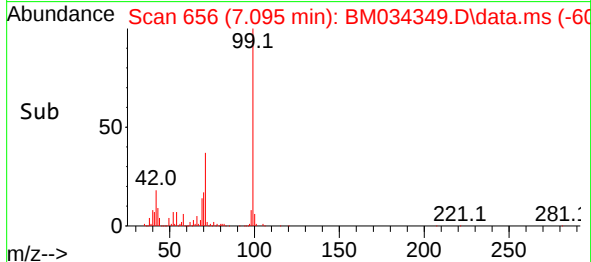
Instrument :
BNA_M
ClientSampleId :
C-3-2-3



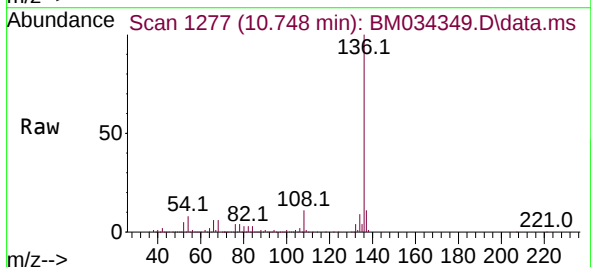
Tgt Ion: 99 Resp: 287368
Ion Ratio Lower Upper
99 100
42 18.5 15.6 23.4
71 37.4 30.6 46.0

Manual Integrations
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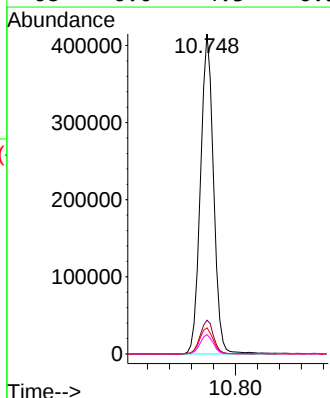
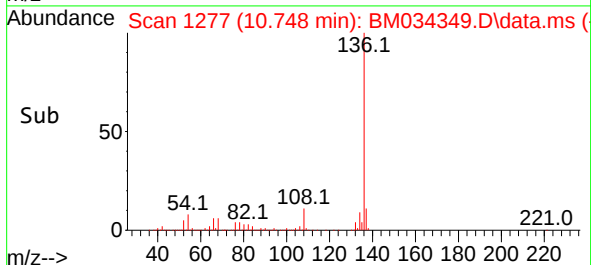
Reviewed By :Christian Giraldo 03/24/2022
Supervised By :Jagrut Upadhyay 03/24/2022

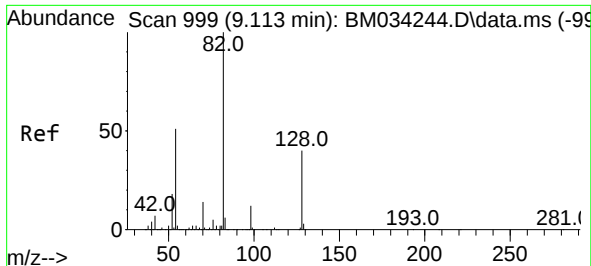


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.748 min Scan# 1277
Delta R.T. -0.006 min
Lab File: BM034349.D
Acq: 23 Mar 2022 21:21



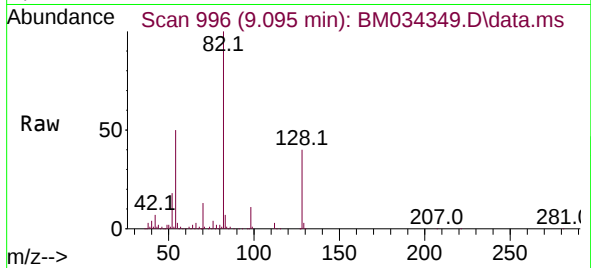
Tgt Ion:136 Resp: 684290
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 8.2 6.2 9.4
68 6.0 4.3 6.5





#23
Nitrobenzene-d5
Concen: 13.497 ng
RT: 9.095 min Scan# 999
Delta R.T. -0.012 min
Lab File: BM034349.D
Acq: 23 Mar 2022 21:21

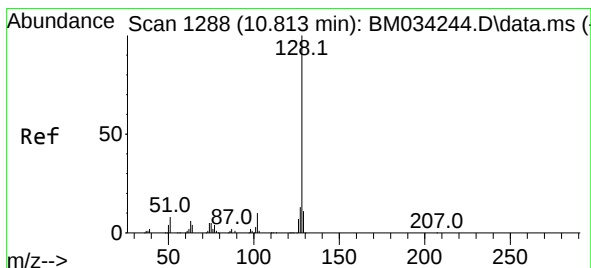
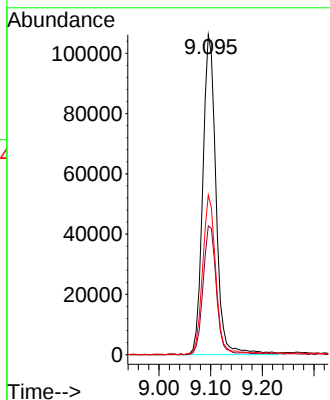
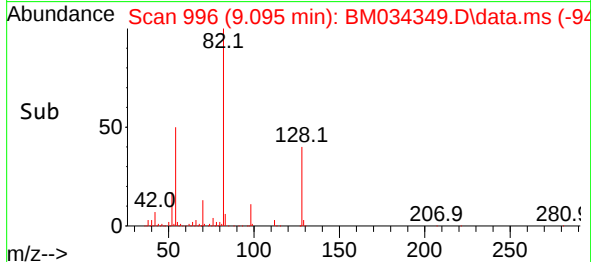
Instrument :
BNA_M
Client Sample Id :
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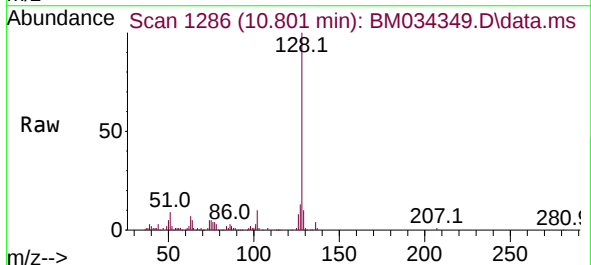
Tgt Ion: 82 Resp: 189693
Ion Ratio Lower Upper
82 100
128 40.2 31.9 47.9
54 49.9 40.6 61.0

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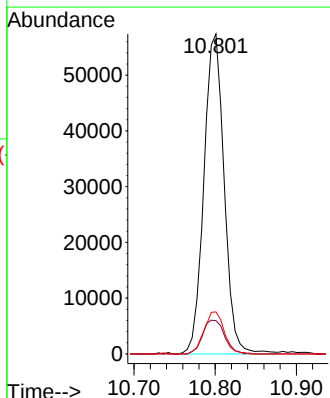
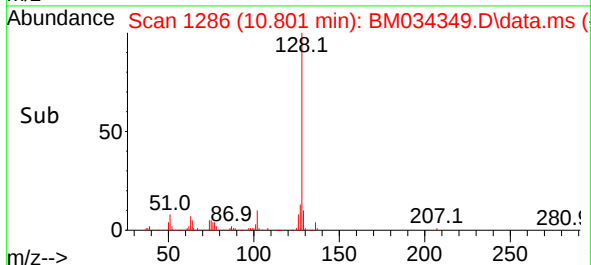
Reviewed By :Christian Giraldo 03/24/2022
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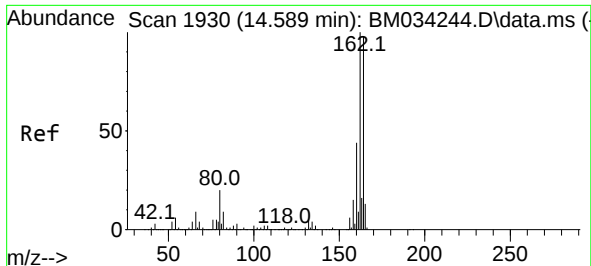


#31
Naphthalene
Concen: 2.799 ng
RT: 10.801 min Scan# 1286
Delta R.T. -0.000 min
Lab File: BM034349.D
Acq: 23 Mar 2022 21:21



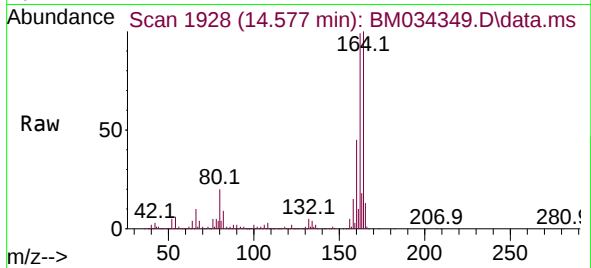
Tgt Ion:128 Resp: 99781
Ion Ratio Lower Upper
128 100
129 10.4 8.8 13.2
127 13.1 10.2 15.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.577 min Scan# 1930
Delta R.T. -0.006 min
Lab File: BM034349.D
Acq: 23 Mar 2022 21:21

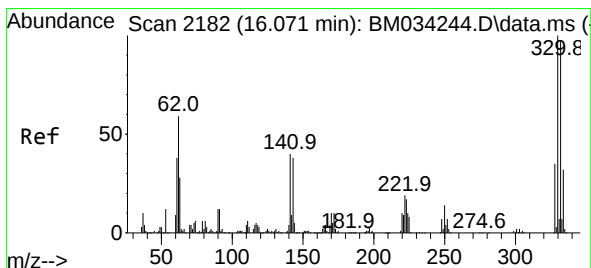
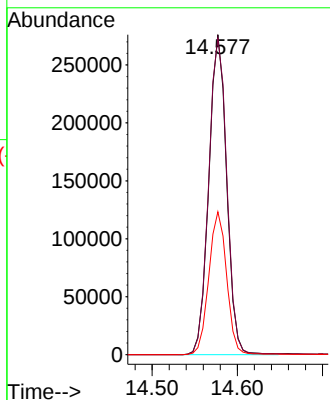
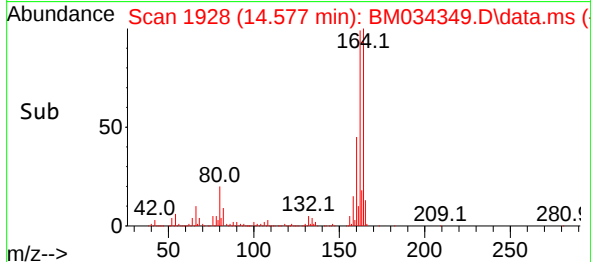
Instrument :
BNA_M
ClientSampleId :
C-3-2-3



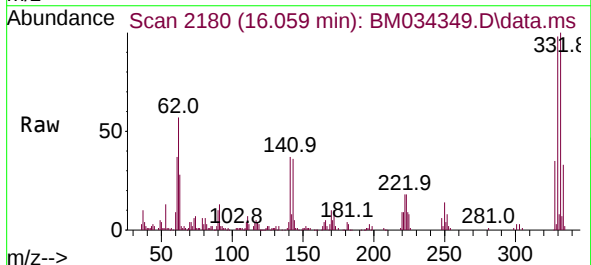
Tgt Ion:164 Resp: 400950
Ion Ratio Lower Upper
164 100
162 98.9 81.6 122.4
160 44.6 35.6 53.4

Manual Integrations
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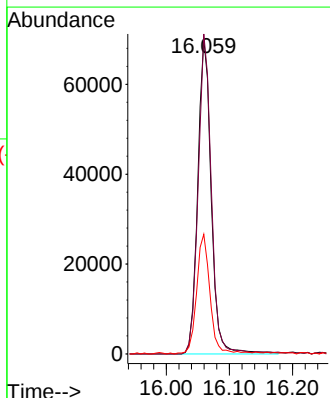
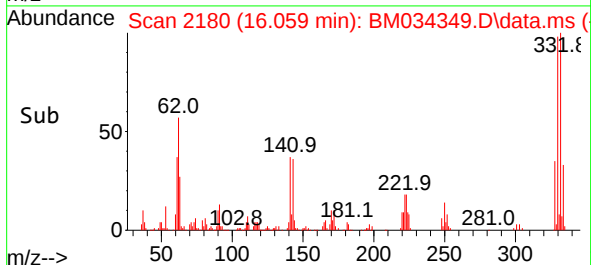
Reviewed By :Christian Giraldo 03/24/2022
Supervised By :Jagrut Upadhyay 03/24/2022

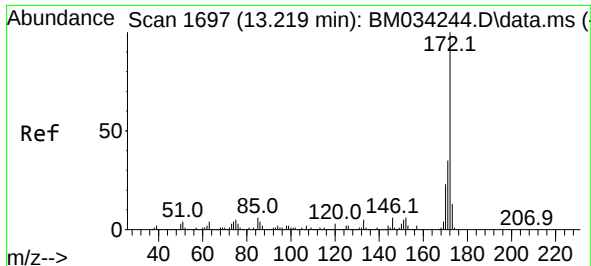


#42
2,4,6-Tribromophenol
Concen: 19.180 ng
RT: 16.059 min Scan# 2180
Delta R.T. -0.006 min
Lab File: BM034349.D
Acq: 23 Mar 2022 21:21



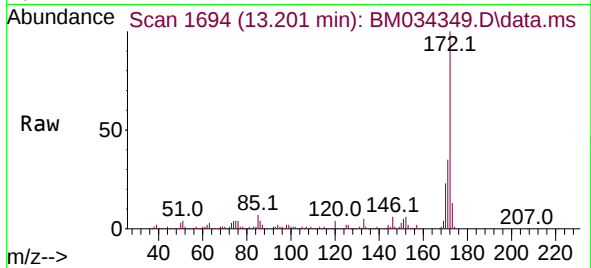
Tgt Ion:330 Resp: 103657
Ion Ratio Lower Upper
330 100
332 98.6 78.2 117.4
141 38.3 30.6 45.8





#45
2-Fluorobiphenyl
Concen: 14.135 ng
RT: 13.201 min Scan# 1694
Delta R.T. -0.012 min
Lab File: BM034349.D
Acq: 23 Mar 2022 21:21

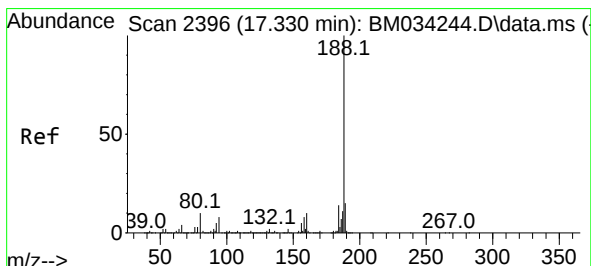
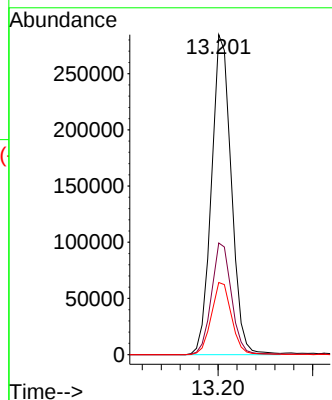
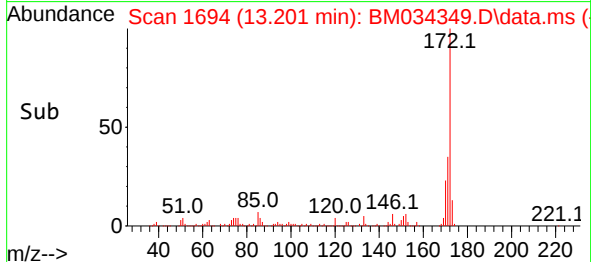
Instrument :
BNA_M
ClientSampleId :
C-3-2-3



Tgt Ion:172 Resp: 414752
Ion Ratio Lower Upper
172 100
171 34.9 28.0 42.0
170 22.5 18.6 28.0

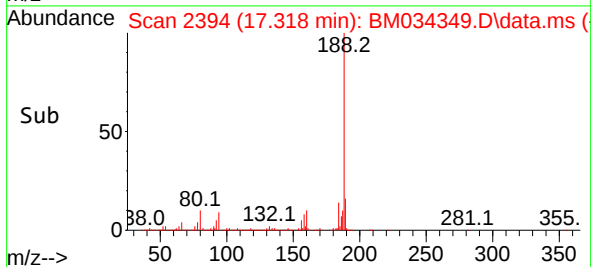
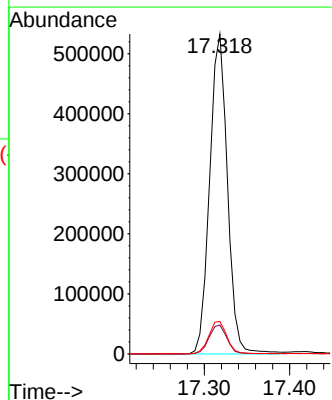
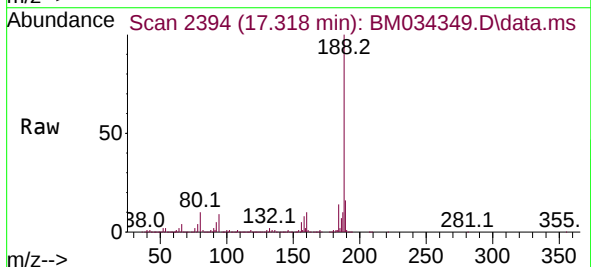
Manual Integrations
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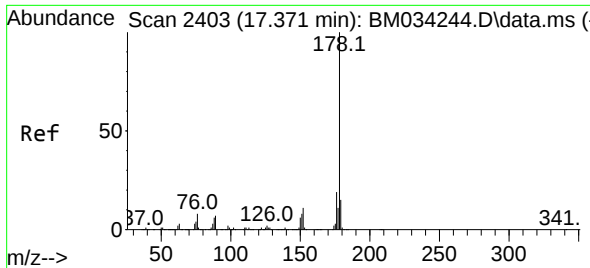
Reviewed By :Christian Giraldo 03/24/2022
Supervised By :Jagrut Upadhyay 03/24/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.318 min Scan# 2394
Delta R.T. -0.000 min
Lab File: BM034349.D
Acq: 23 Mar 2022 21:21

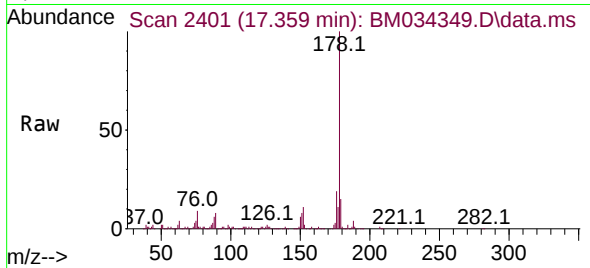
Tgt Ion:188 Resp: 771539
Ion Ratio Lower Upper
188 100
94 9.0 6.6 9.8
80 10.1 7.8 11.8





#71
Phenanthrene
Concen: 4.267 ng
RT: 17.359 min Scan# 2401
Delta R.T. -0.006 min
Lab File: BM034349.D
Acq: 23 Mar 2022 21:21

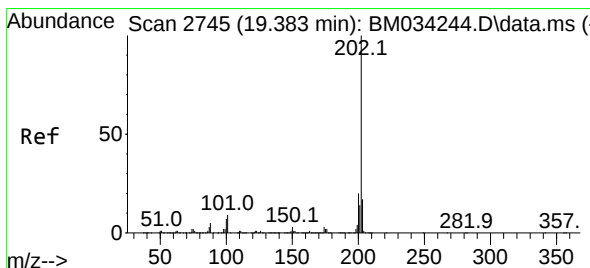
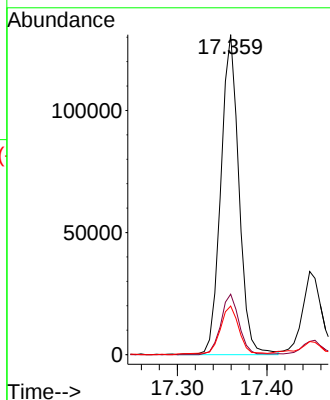
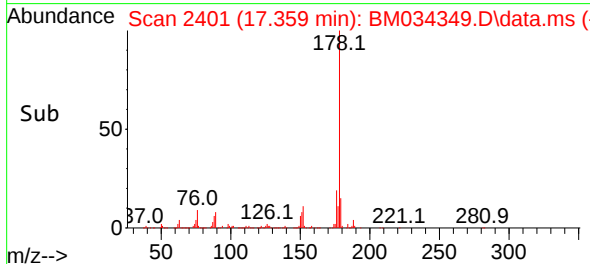
Instrument :
BNA_M
ClientSampleId :
C-3-2-3



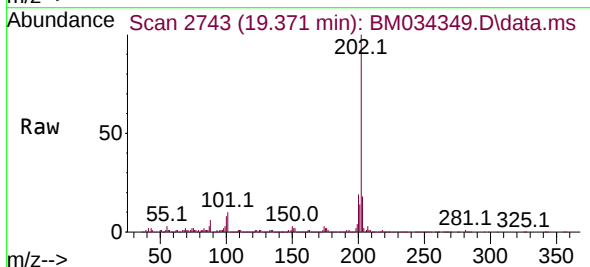
Tgt Ion:178 Resp: 184383
Ion Ratio Lower Upper
178 100
176 18.9 15.1 22.7
179 15.2 12.2 18.4

Manual Integrations
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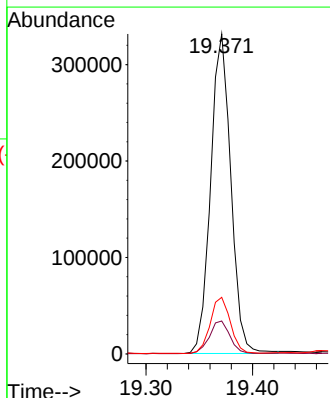
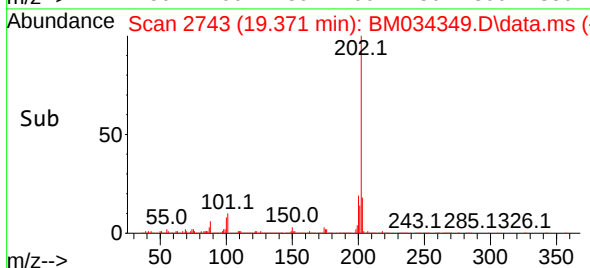
Reviewed By :Christian Giraldo 03/24/2022
Supervised By :Jagrut Upadhyay 03/24/2022

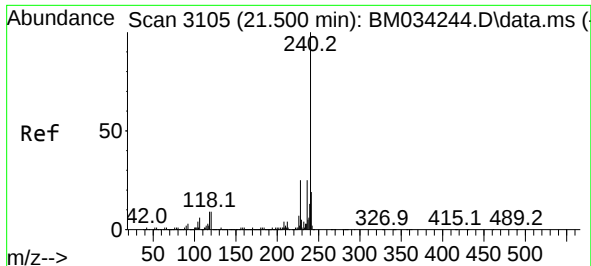


#75
Fluoranthene
Concen: 9.042 ng
RT: 19.371 min Scan# 2743
Delta R.T. -0.006 min
Lab File: BM034349.D
Acq: 23 Mar 2022 21:21



Tgt Ion:202 Resp: 437982
Ion Ratio Lower Upper
202 100
101 10.3 0.0 29.4
203 17.7 0.0 37.1





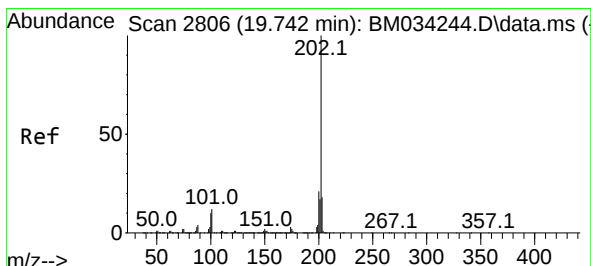
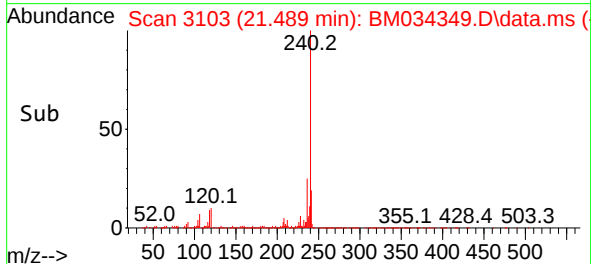
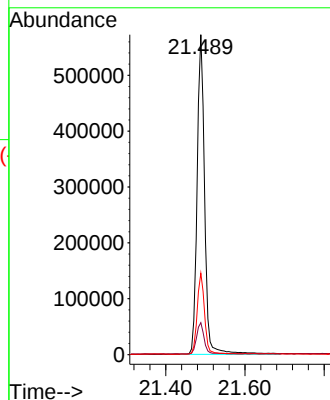
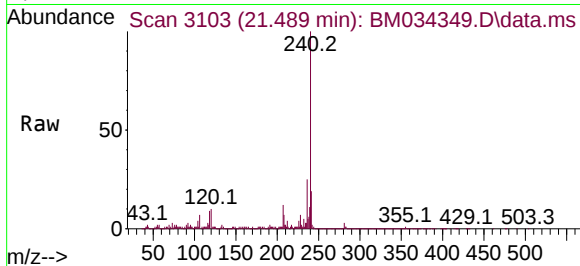
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.489 min Scan# 3105
Delta R.T. -0.006 min
Lab File: BM034349.D
Acq: 23 Mar 2022 21:21

Instrument :
BNA_M
ClientSampleId :
C-3-2-3

Tgt Ion:240 Resp: 758806
Ion Ratio Lower Upper
240 100
120 10.0 7.3 10.9
236 25.4 20.2 30.2

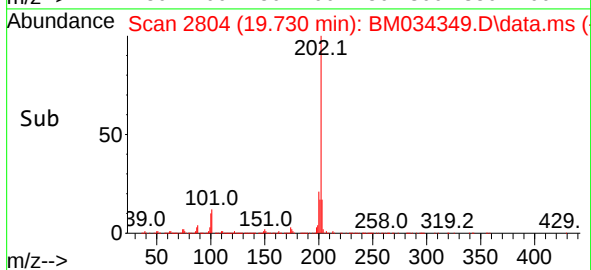
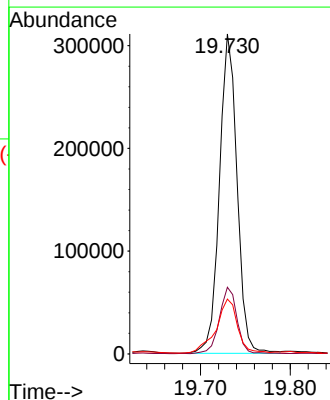
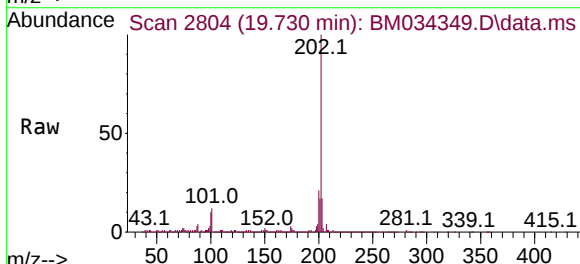
Manual Integrations
APPROVED

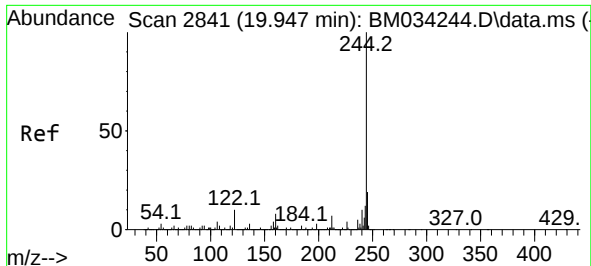
Reviewed By :Christian Giraldo 03/24/2022
Supervised By :Jagrut Upadhyay 03/24/2022



#78
Pyrene
Concen: 7.936 ng
RT: 19.730 min Scan# 2804
Delta R.T. -0.006 min
Lab File: BM034349.D
Acq: 23 Mar 2022 21:21

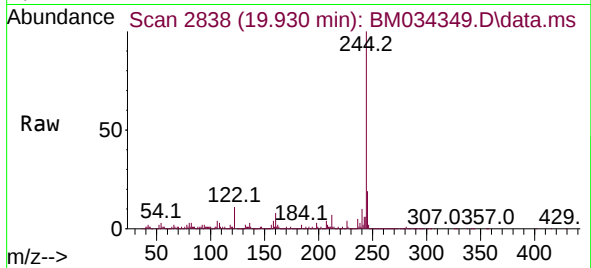
Tgt Ion:202 Resp: 424278
Ion Ratio Lower Upper
202 100
200 20.8 16.6 24.8
203 17.1 14.1 21.1





#79
 Terphenyl-d14
 Concen: 13.702 ng
 RT: 19.930 min Scan# 2841
 Delta R.T. -0.006 min
 Lab File: BM034349.D
 Acq: 23 Mar 2022 21:21

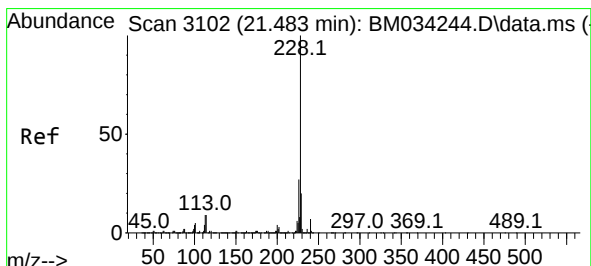
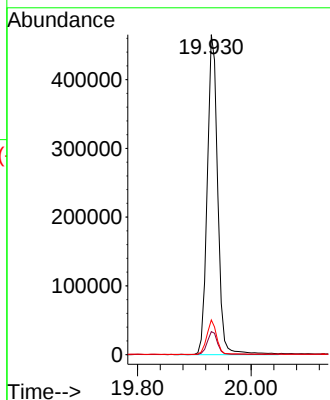
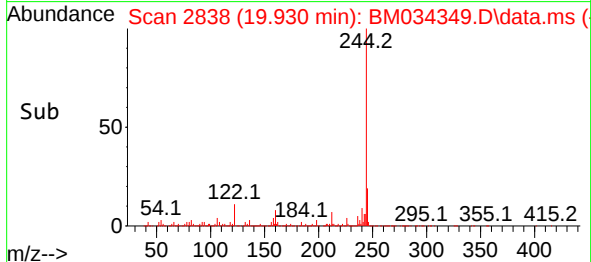
Instrument :
 BNA_M
 ClientSampleId :
 C-3-2-3



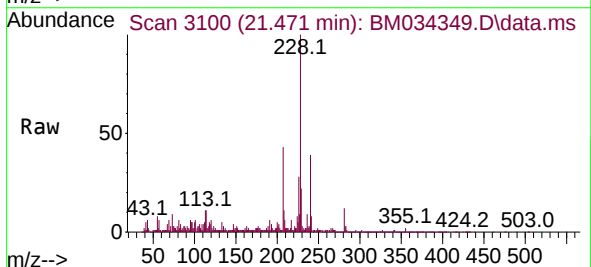
Tgt Ion:244 Resp: 598369
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 10.8 7.8 11.8

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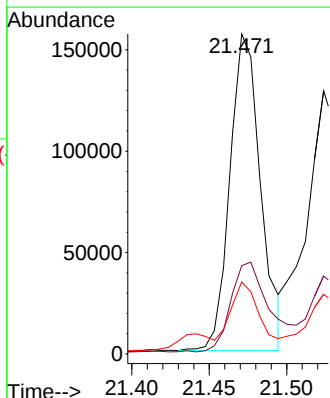
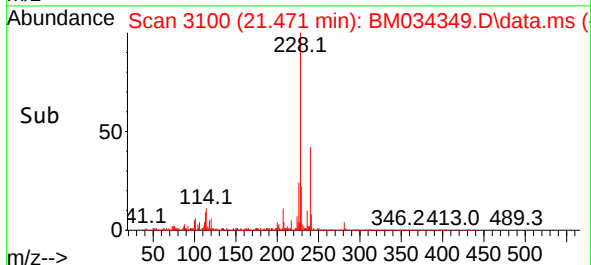
Reviewed By :Christian Giraldo 03/24/2022
 Supervised By :Jagrut Upadhyay 03/24/2022

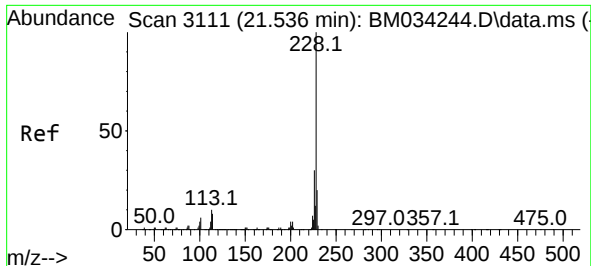


#81
 Benzo(a)anthracene
 Concen: 4.507 ng
 RT: 21.471 min Scan# 3100
 Delta R.T. -0.006 min
 Lab File: BM034349.D
 Acq: 23 Mar 2022 21:21



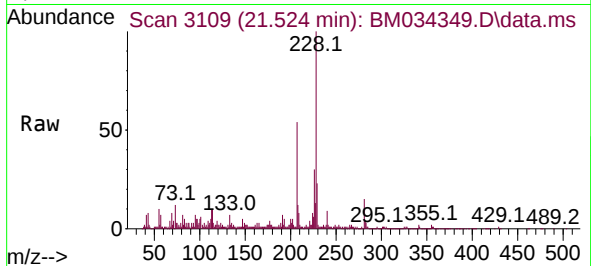
Tgt Ion:228 Resp: 215851
 Ion Ratio Lower Upper
 228 100
 226 27.6 21.6 32.4
 229 22.5 15.8 23.6





#83
Chrysene
Concen: 4.206 ng
RT: 21.524 min Scan# 3111
Delta R.T. -0.012 min
Lab File: BM034349.D
Acq: 23 Mar 2022 21:21

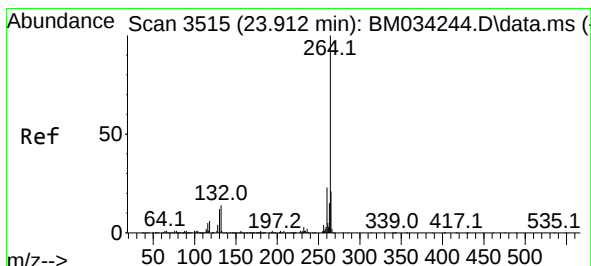
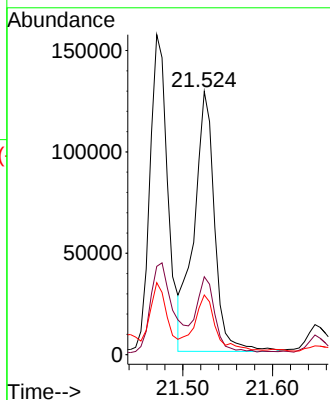
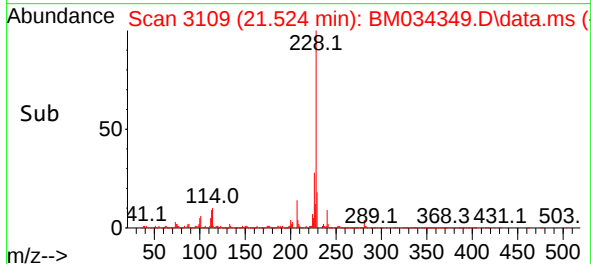
Instrument :
BNA_M
ClientSampleId :
C-3-2-3



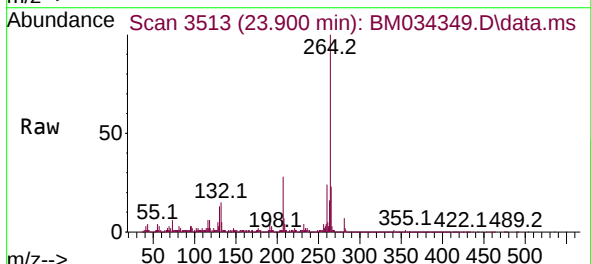
Tgt Ion:228 Resp: 205719
Ion Ratio Lower Upper
228 100
226 29.6 23.8 35.6
229 22.6 15.6 23.4

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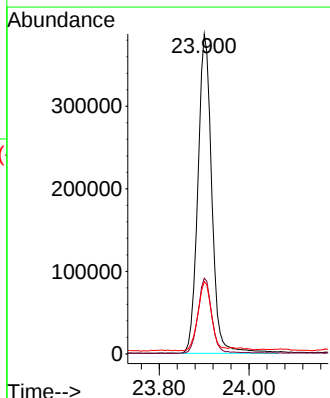
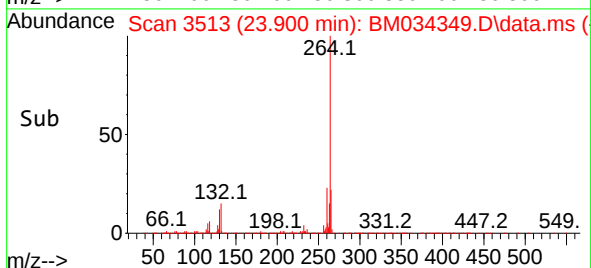
Reviewed By :Christian Giraldo 03/24/2022
Supervised By :Jagrut Upadhyay 03/24/2022

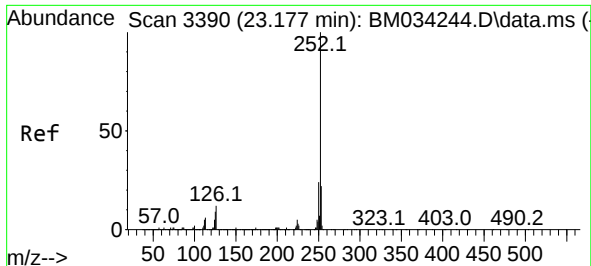


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.900 min Scan# 3513
Delta R.T. -0.006 min
Lab File: BM034349.D
Acq: 23 Mar 2022 21:21



Tgt Ion:264 Resp: 831491
Ion Ratio Lower Upper
264 100
260 23.7 18.6 28.0
265 22.6 17.6 26.4





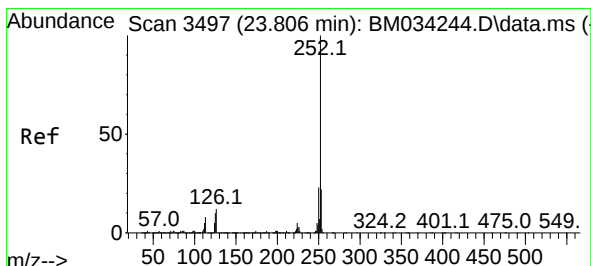
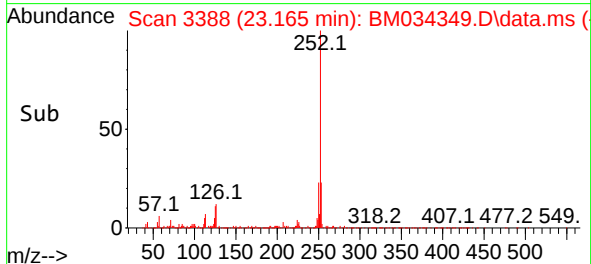
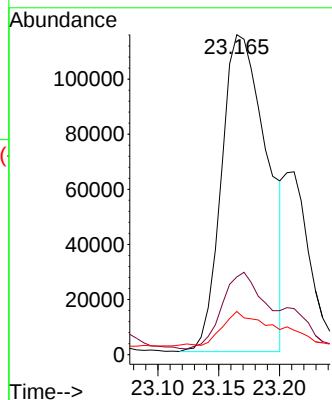
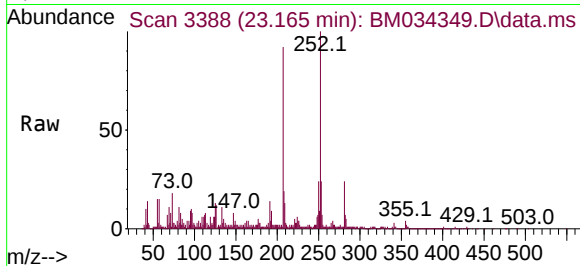
#88
Benzo(b)fluoranthene
Concen: 6.061 ng m
RT: 23.165 min Scan# 3390
Delta R.T. -0.006 min
Lab File: BM034349.D
Acq: 23 Mar 2022 21:21

Instrument :
BNA_M
ClientSampleId :
C-3-2-3

Tgt Ion:252 Resp: 30136
Ion Ratio Lower Upper
252 100
253 24.3 17.8 26.8
125 13.5 7.2 10.8

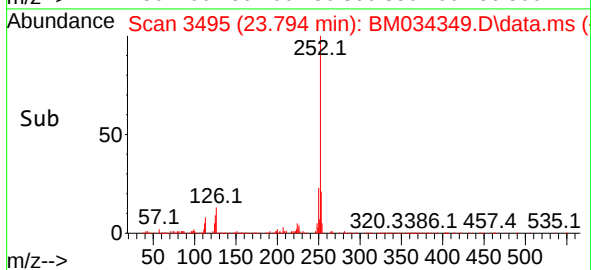
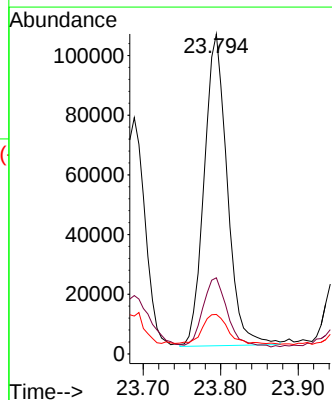
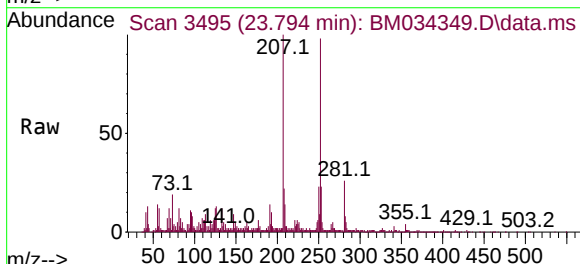
Manual Integrations
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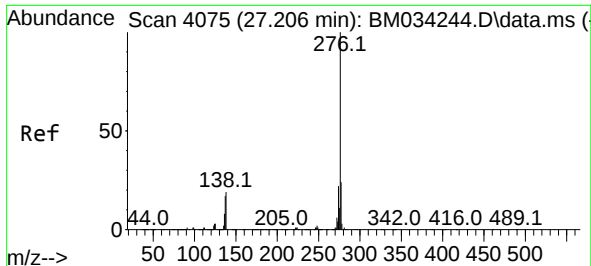
Reviewed By :Christian Giraldo 03/24/2022
Supervised By :Jagrut Upadhyay 03/24/2022



#90
Benzo(a)pyrene
Concen: 5.124 ng
RT: 23.794 min Scan# 3495
Delta R.T. -0.006 min
Lab File: BM034349.D
Acq: 23 Mar 2022 21:21

Tgt Ion:252 Resp: 215975
Ion Ratio Lower Upper
252 100
253 23.8 17.5 26.3
125 12.3 7.8 11.6





#92

Benzo(g,h,i)perylene

Concen: 3.674 ng

RT: 27.182 min Scan# 40

Delta R.T. -0.018 min

Lab File: BM034349.D

Acq: 23 Mar 2022 21:21

Instrument :

BNA_M

ClientSampleId :

C-3-2-3

Tgt Ion:276 Resp: 16492

Ion Ratio Lower Upper

276 100

277 23.9 19.0 28.4

138 20.6 15.6 23.4

Manual Integrations

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Reviewed By :Christian Giraldo 03/24/2022

Supervised By :Jagrut Upadhyay 03/24/2022

