

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042123\
 Data File : BM039565.D
 Acq On : 21 Apr 2023 23:29
 Operator : CG/JU
 Sample : 02386-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SPA-3WC-23-04

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/24/2023
 Supervised By : Jagrut Upadhyay 04/24/2023

Quant Time: Apr 22 01:48:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM041723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 21 12:46:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.825	152	140523	20.000	ng	0.00
21) Naphthalene-d8	10.631	136	551868	20.000	ng	# 0.00
39) Acenaphthene-d10	14.483	164	343783	20.000	ng	0.00
64) Phenanthrene-d10	17.248	188	580212	20.000	ng	# 0.02
76) Chrysene-d12	21.447	240	425870	20.000	ng	# 0.02
86) Perylene-d12	23.841	264	507005	20.000	ng	# 0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.396	112	804586	93.547	ng	0.00
7) Phenol-d6	7.007	99	1021566	80.820	ng	0.00
23) Nitrobenzene-d5	8.995	82	698622	61.993	ng	0.00
42) 2,4,6-Tribromophenol	15.989	330	284857	63.854	ng	0.01
45) 2-Fluorobiphenyl	13.101	172	1233174	49.632	ng	0.00
79) Terphenyl-d14	19.883	244	1308849	55.444	ng	0.02
Target Compounds						Qvalue
12) 1,3-Dichlorobenzene	7.707	146	615860	60.595	ng	98
13) 1,4-Dichlorobenzene	7.860	146	2722324	267.174	ng	99
14) 1,2-Dichlorobenzene	8.178	146	2231922	220.561	ng	99
27) 2,4-Dimethylphenol	9.819	122	208645	24.105	ng	# 76
30) 1,2,4-Trichlorobenzene	10.495	180	635854	71.679	ng	100
31) Naphthalene	10.683	128	4142130	138.908	ng	99
37) 2-Methylnaphthalene	12.301	142	3305018	150.818	ng	100
38) 1-Methylnaphthalene	12.519	142	1912920	92.635	ng	100
46) 1,1'-Biphenyl	13.313	154	2450880	92.537	ng	99
52) Acenaphthene	14.548	154	187189	9.387	ng	93
58) Fluorene	15.536	166	413614	15.916	ng	# 91
66) n-Nitrosodiphenylamine	15.748	169	561104	31.897	ng	# 81
71) Phenanthrene	17.289	178	1875050	59.596	ng	96
72) Anthracene	17.377	178	1712892	53.074	ng	97
74) Di-n-butylphthalate	18.218	149	438700	10.751	ng	# 84
75) Fluoranthene	19.318	202	934247	24.475	ng	92
78) Pyrene	19.683	202	1018869	32.532	ng	# 91
80) Butylbenzylphthalate	20.577	149	450884	29.033	ng	# 74
81) Benzo(a)anthracene	21.430	228	277574	9.178	ng	# 68
83) Chrysene	21.483	228	459361m	15.671	ng	
84) Bis(2-ethylhexyl)phtha...	21.383	149	14111121	596.065	ng	# 91
85) Di-n-octyl phthalate	22.277	149	3172812	77.938	ng	# 79
87) Indeno(1,2,3-cd)pyrene	26.312	276	200795	5.390	ng	# 94
88) Benzo(b)fluoranthene	23.118	252	403391m	13.049	ng	
89) Benzo(k)fluoranthene	23.153	252	110556m	3.421	ng	
90) Benzo(a)pyrene	23.736	252	275564	8.969	ng	# 1
92) Benzo(g,h,i)perylene	27.076	276	247700	8.070	ng	# 70

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

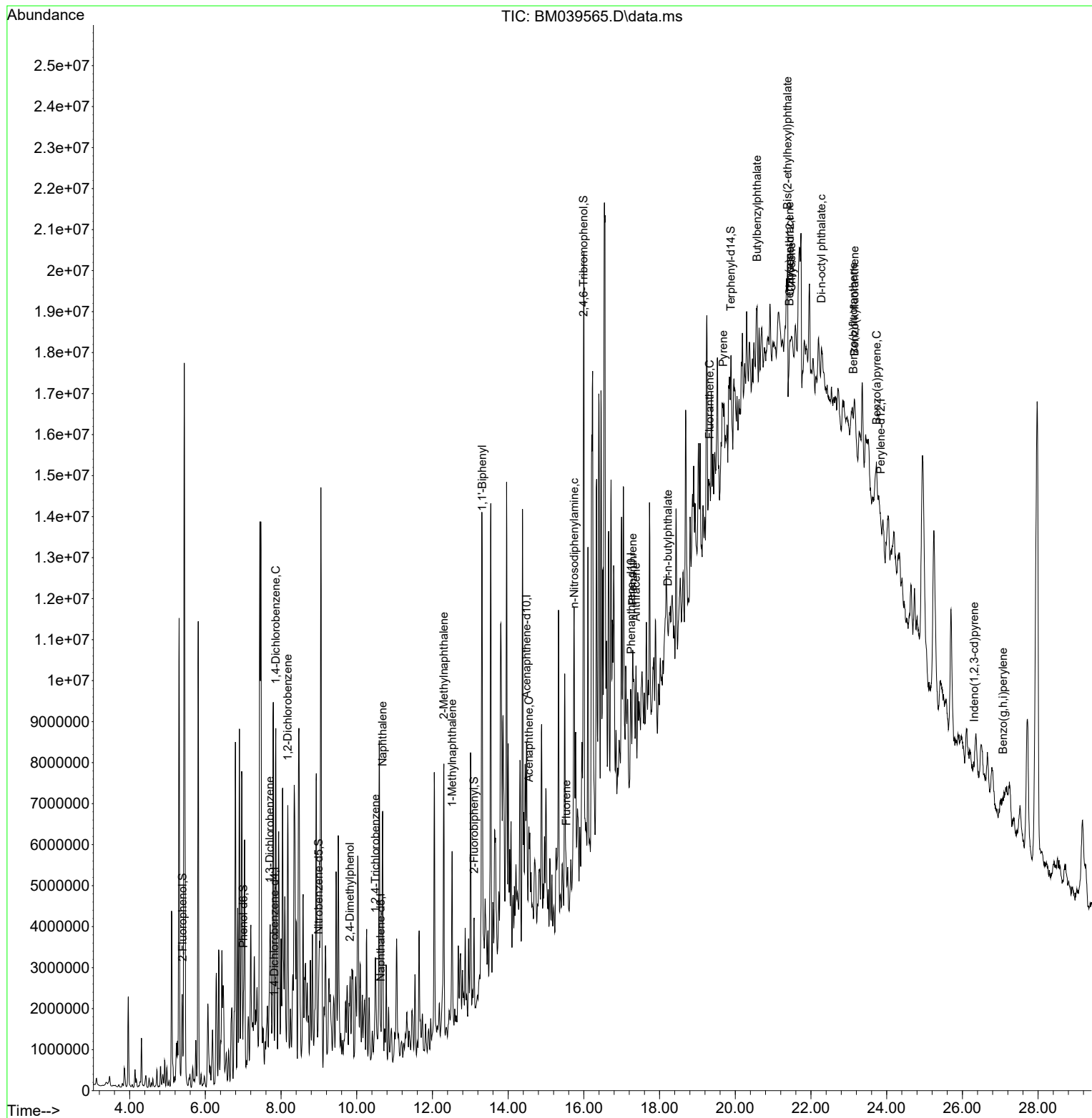
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Data File : BM039565.D
Acq On : 21 Apr 2023 23:29
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Misc :
ALS Vial : 13 Sample Multiplier: 1

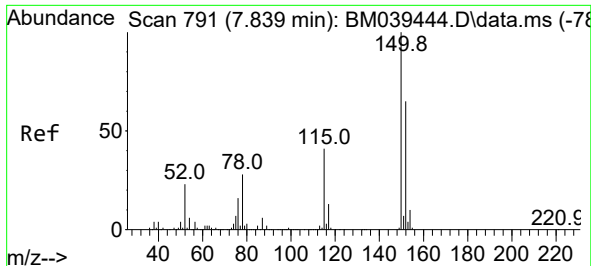
Instrument :
BNA_M
ClientSampleId :
SPA-3WC-23-04

Quant Time: Apr 22 01:48:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM041723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 21 12:46:01 2023
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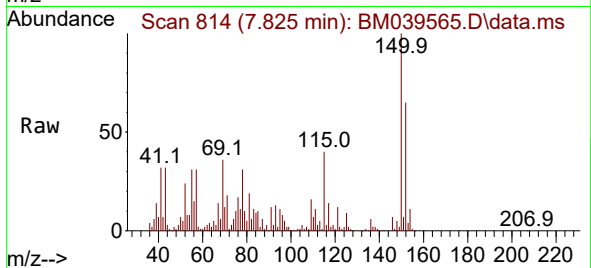
Reviewed By : Christian Giraldo 04/24/2023
Supervised By : Jagrut Upadhyay 04/24/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.825 min Scan# 81
Delta R.T. 0.006 min
Lab File: BM039565.D
Acq: 21 Apr 2023 23:29

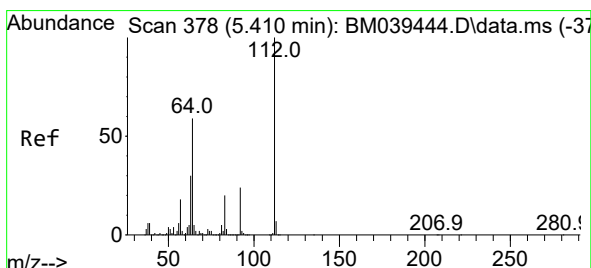
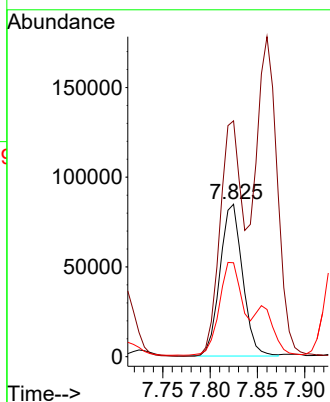
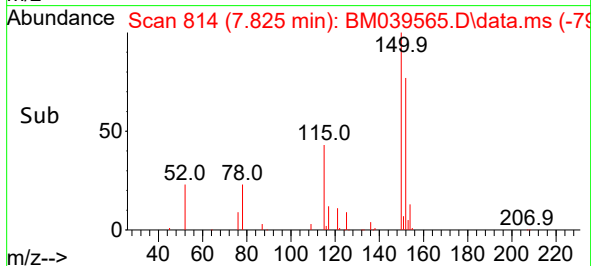
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BNA_M
ClientSampleId :
SPA-3WC-23-04



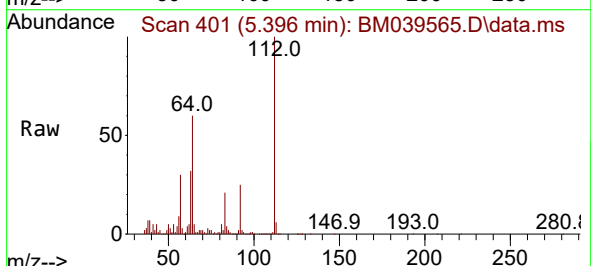
Tgt Ion:152 Resp: 14052
Ion Ratio Lower Upper
152 100
150 154.7 123.0 184.4
115 61.6 49.9 74.9

Manual Integrations
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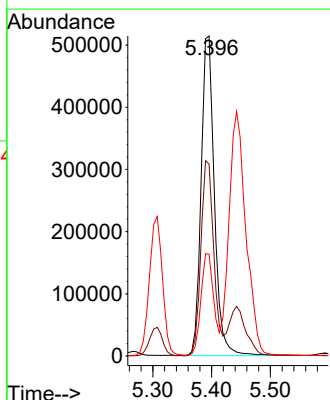
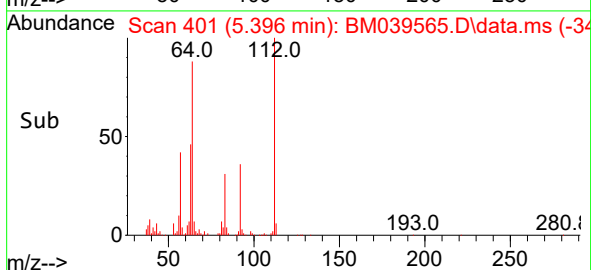
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023

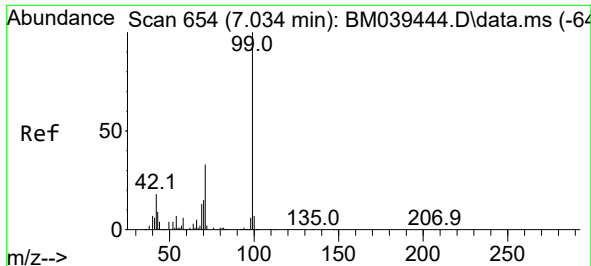


#5
2-Fluorophenol
Concen: 93.547 ng
RT: 5.396 min Scan# 401
Delta R.T. 0.006 min
Lab File: BM039565.D
Acq: 21 Apr 2023 23:29



Tgt Ion:112 Resp: 804586
Ion Ratio Lower Upper
112 100
64 59.9 47.0 70.4
63 31.8 24.2 36.4





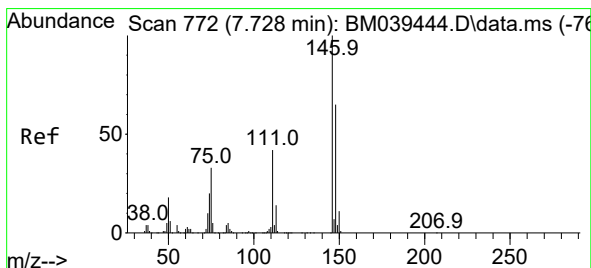
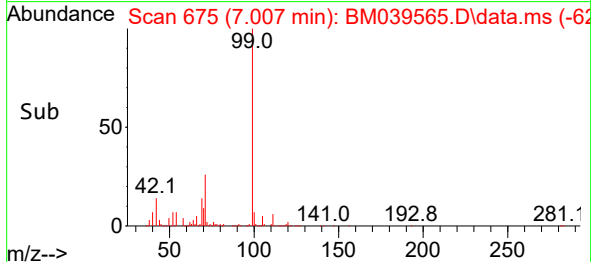
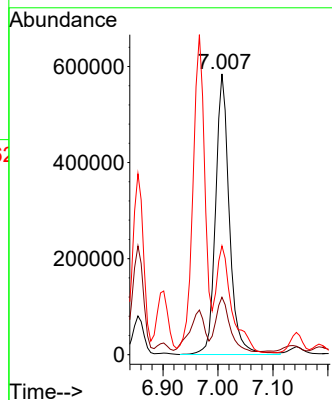
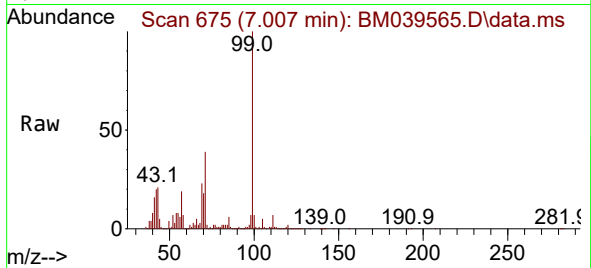
#7
Phenol-d6
Concen: 80.820 ng
RT: 7.007 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM039565.D
Acq: 21 Apr 2023 23:29

Instrument :
BNA_M
ClientSampleId :
SPA-3WC-23-04

Tgt Ion: 99 Resp: 1021560
Ion Ratio Lower Upper
99 100
42 20.5 14.2 21.4
71 38.7 26.8 40.2

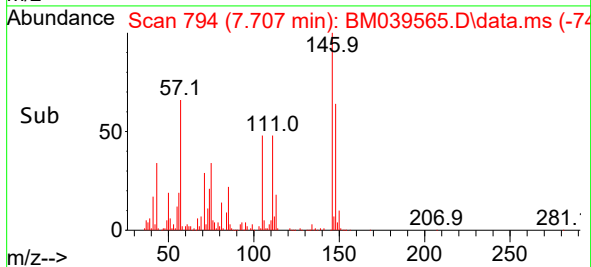
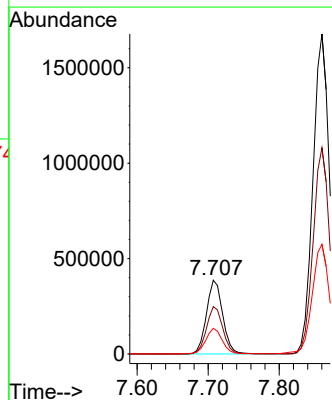
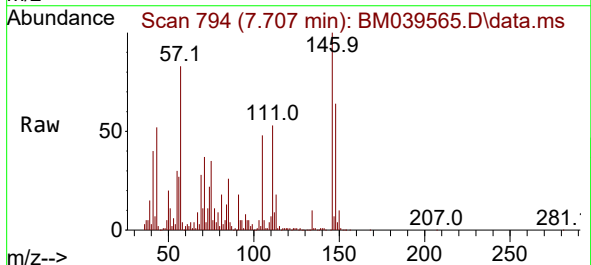
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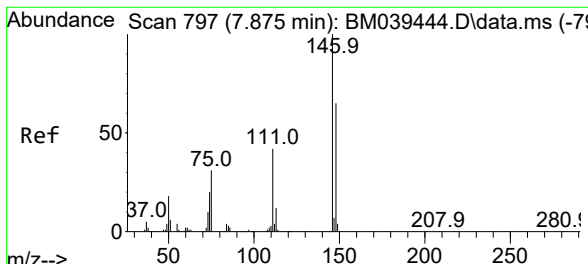
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023



#12
1,3-Dichlorobenzene
Concen: 60.595 ng
RT: 7.707 min Scan# 794
Delta R.T. -0.000 min
Lab File: BM039565.D
Acq: 21 Apr 2023 23:29

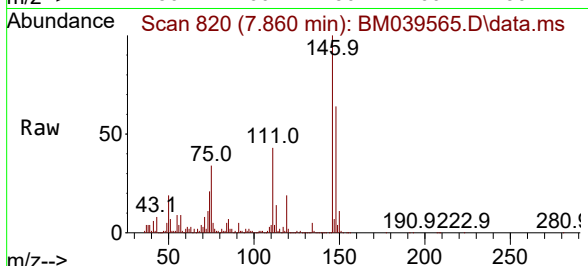
Tgt Ion:146 Resp: 615860
Ion Ratio Lower Upper
146 100
148 64.2 52.0 78.0
75 34.6 26.6 39.8





#13
 1,4-Dichlorobenzene
 Concen: 267.174 ng
 RT: 7.860 min Scan# 811
 Delta R.T. 0.006 min
 Lab File: BM039565.D
 Acq: 21 Apr 2023 23:29

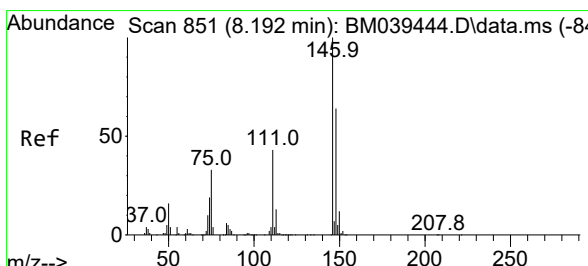
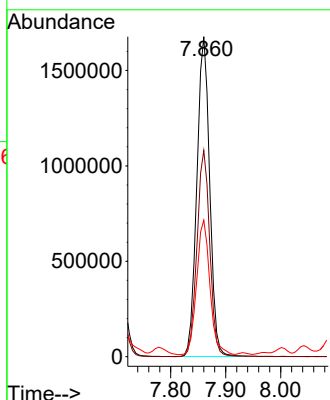
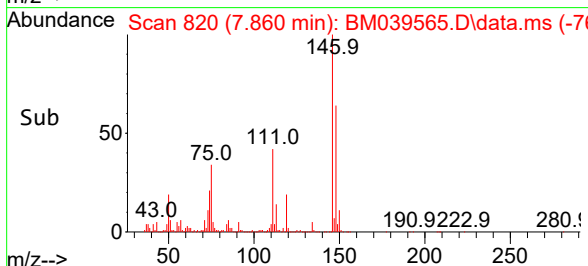
Instrument :
 BNA_M
 ClientSampleId :
 SPA-3WC-23-04



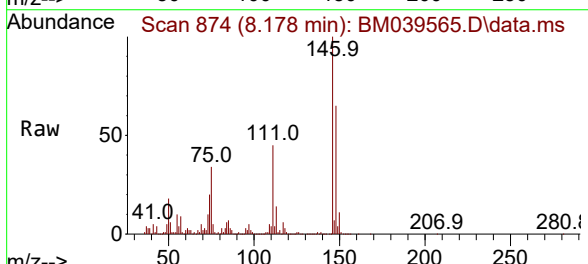
Tgt Ion:146 Resp: 2722324
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.7 77.5
 111 42.7 33.5 50.3

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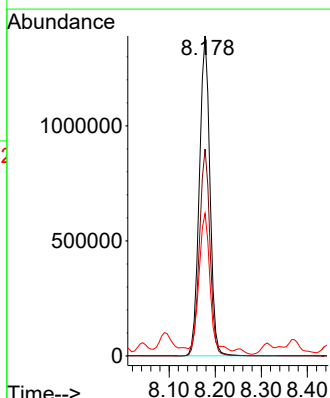
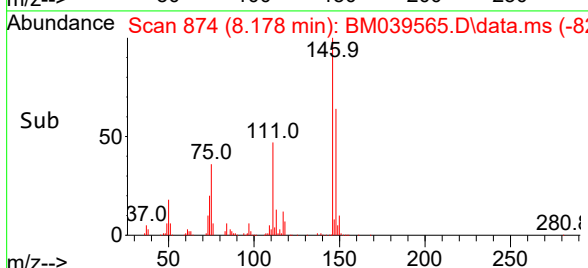
Reviewed By :Christian Giraldo 04/24/2023
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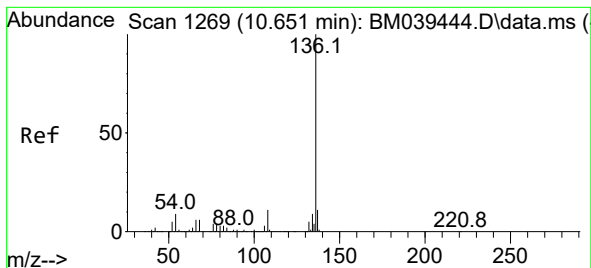


#14
 1,2-Dichlorobenzene
 Concen: 220.561 ng
 RT: 8.178 min Scan# 874
 Delta R.T. 0.006 min
 Lab File: BM039565.D
 Acq: 21 Apr 2023 23:29



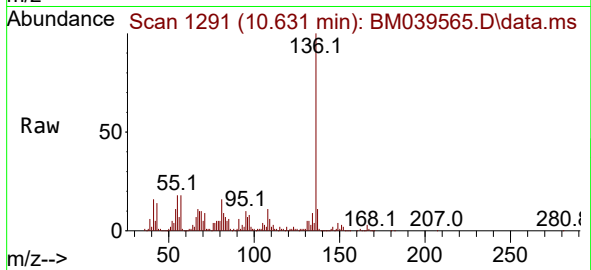
Tgt Ion:146 Resp: 2231922
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.4 77.2
 111 44.6 34.3 51.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.631 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BM039565.D
Acq: 21 Apr 2023 23:29

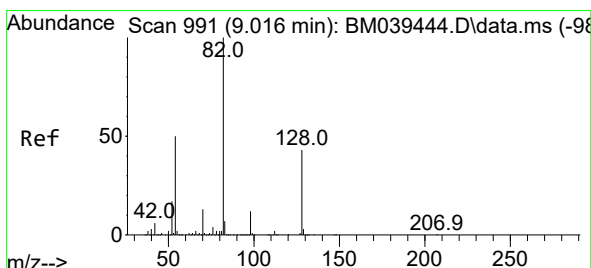
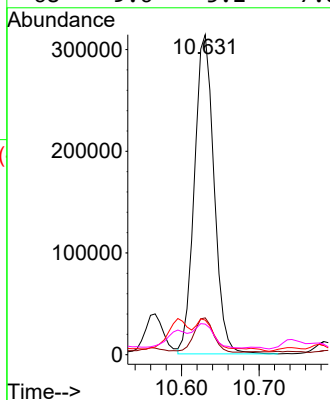
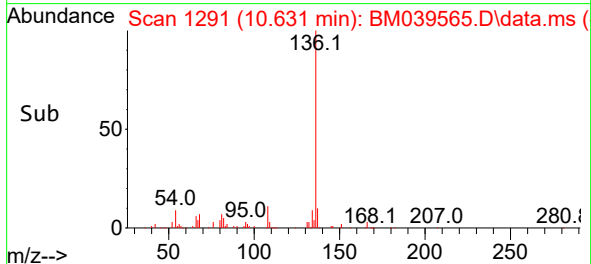
Instrument :
BNA_M
ClientSampleId :
SPA-3WC-23-04



Tgt Ion:136 Resp: 55186
Ion Ratio Lower Upper
136 100
137 11.5 8.6 13.0
54 10.8 6.9 10.3
68 9.6 5.2 7.8#

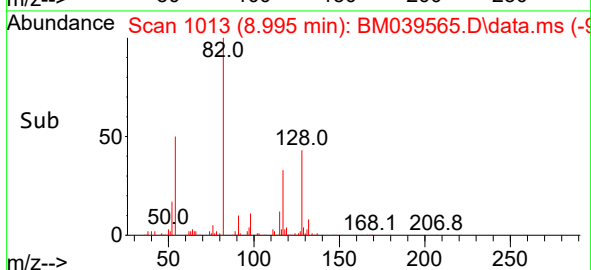
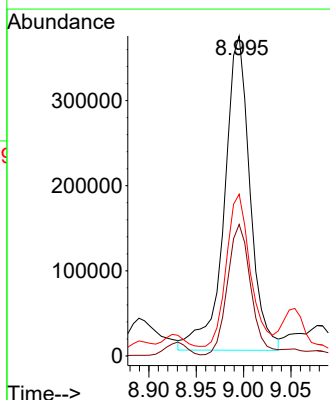
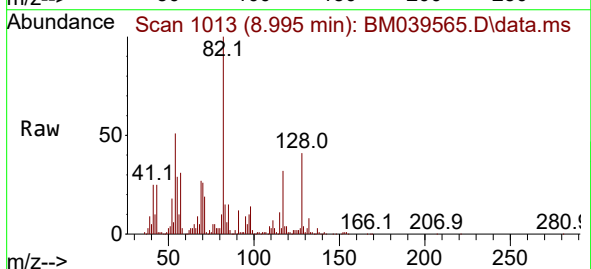
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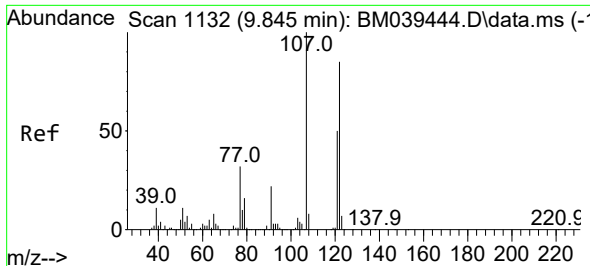
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023



#23
Nitrobenzene-d5
Concen: 61.993 ng
RT: 8.995 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BM039565.D
Acq: 21 Apr 2023 23:29

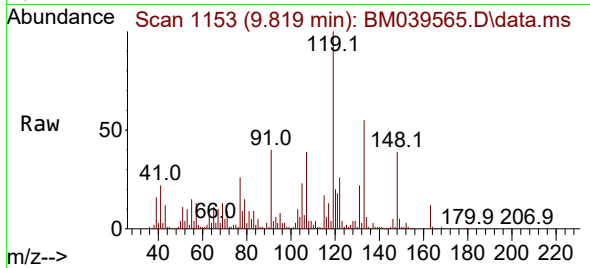
Tgt Ion: 82 Resp: 698622
Ion Ratio Lower Upper
82 100
128 41.1 34.2 51.2
54 50.5 39.7 59.5





#27
2,4-Dimethylphenol
Concen: 24.105 ng
RT: 9.819 min Scan# 1132
Delta R.T. -0.000 min
Lab File: BM039565.D
Acq: 21 Apr 2023 23:29

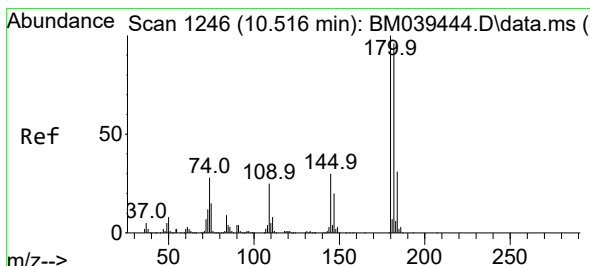
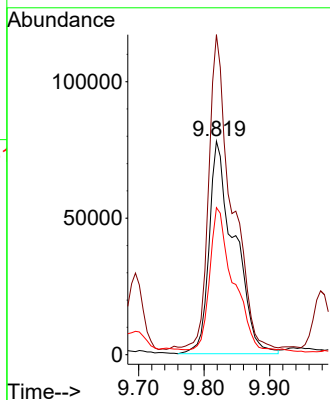
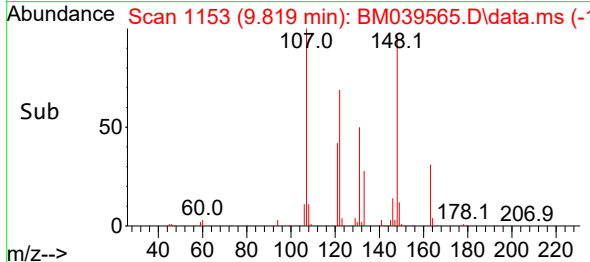
Instrument :
BNA_M
ClientSampleId :
SPA-3WC-23-04



Tgt Ion:122 Resp: 20864
Ion Ratio Lower Upper
122 100
107 150.0 94.3 141.5
121 68.9 46.7 70.1

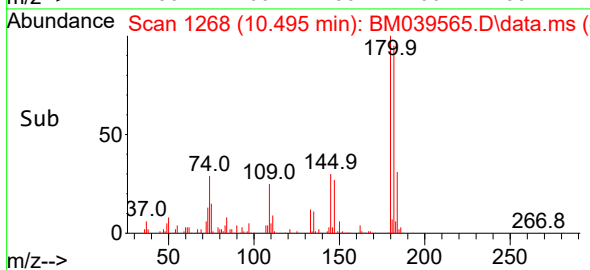
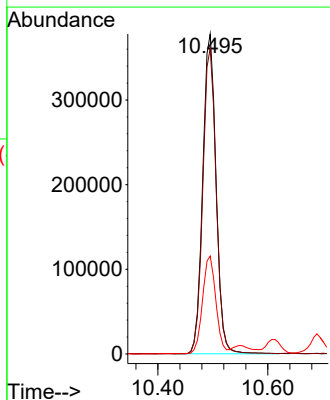
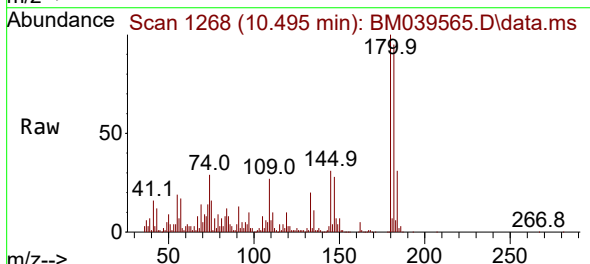
Manual Integrations
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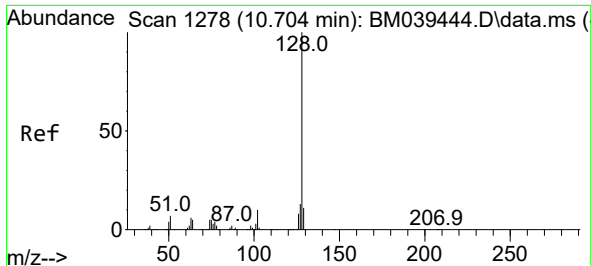
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023



#30
1,2,4-Trichlorobenzene
Concen: 71.679 ng
RT: 10.495 min Scan# 1268
Delta R.T. 0.006 min
Lab File: BM039565.D
Acq: 21 Apr 2023 23:29

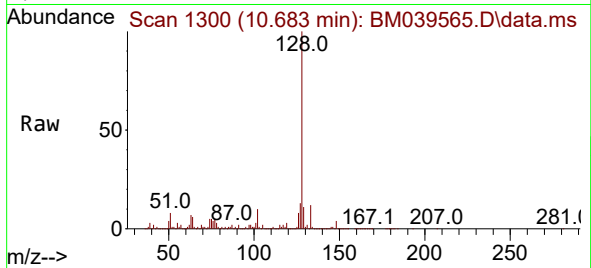
Tgt Ion:180 Resp: 635854
Ion Ratio Lower Upper
180 100
182 95.5 76.5 114.7
145 30.6 24.2 36.4





#31
Naphthalene
Concen: 138.908 ng
RT: 10.683 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM039565.D
Acq: 21 Apr 2023 23:29

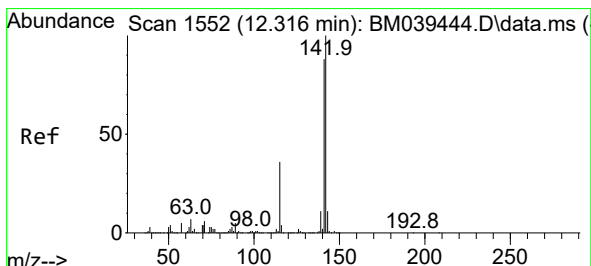
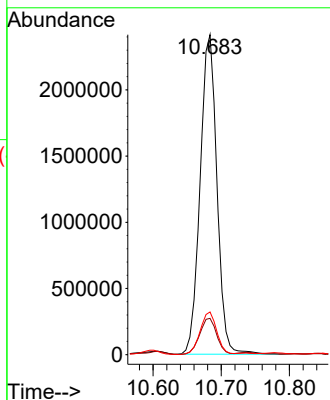
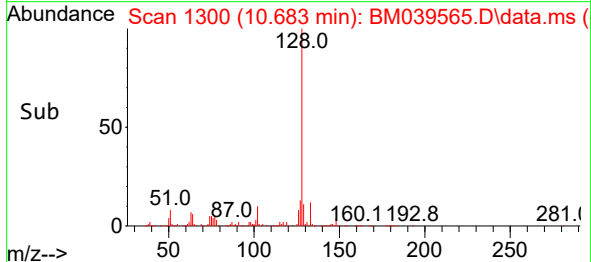
Instrument :
BNA_M
ClientSampleId :
SPA-3WC-23-04



Tgt Ion:128 Resp: 4142130
Ion Ratio Lower Upper
128 100
129 11.3 8.6 12.8
127 13.4 10.3 15.5

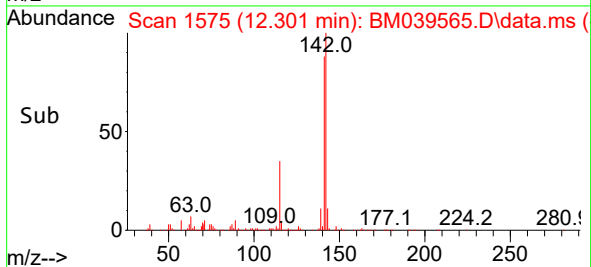
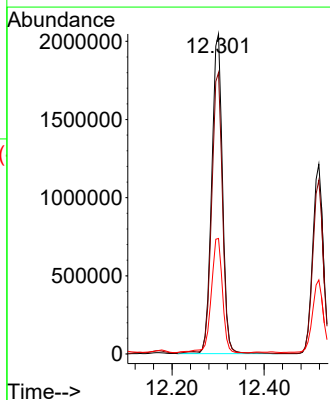
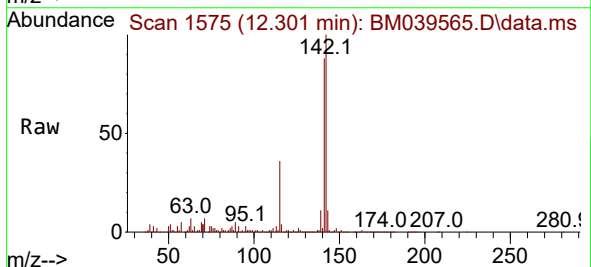
Manual Integrations
APPROVED

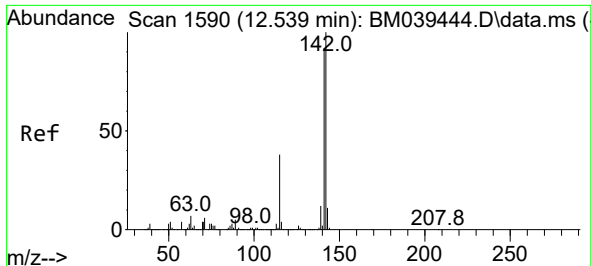
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023



#37
2-Methylnaphthalene
Concen: 150.818 ng
RT: 12.301 min Scan# 1575
Delta R.T. 0.006 min
Lab File: BM039565.D
Acq: 21 Apr 2023 23:29

Tgt Ion:142 Resp: 3305018
Ion Ratio Lower Upper
142 100
141 87.9 70.4 105.6
115 36.1 28.8 43.2





#38

1-Methylnaphthalene

Concen: 92.635 ng

RT: 12.519 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM039565.D

Acq: 21 Apr 2023 23:29

Instrument :

BNA_M

ClientSampleId :

SPA-3WC-23-04

Tgt Ion:142 Resp: 1912920

Ion Ratio Lower Upper

142 100

141 91.5 73.3 109.9

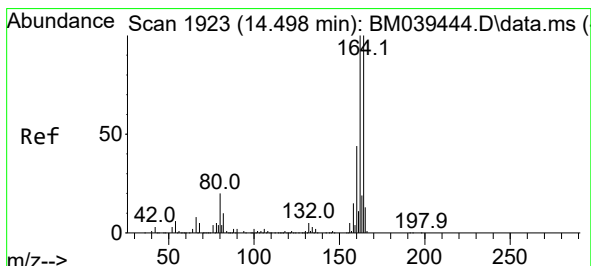
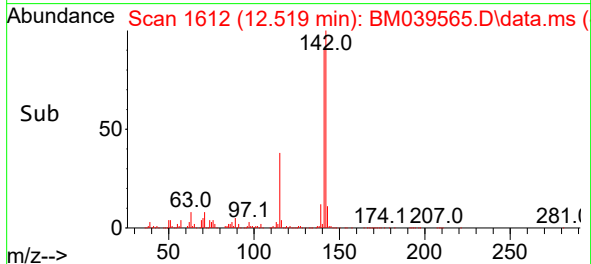
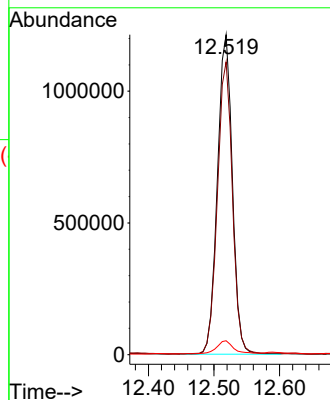
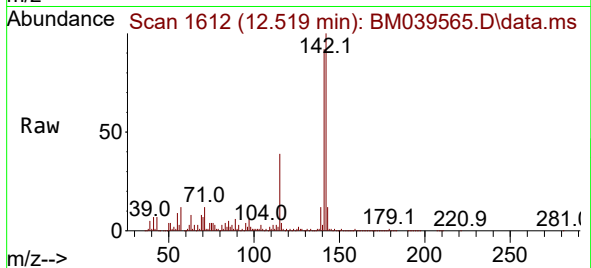
116 4.4 3.1 4.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/24/2023

Supervised By :Jagrut Upadhyay 04/24/2023



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.483 min Scan# 1946

Delta R.T. 0.006 min

Lab File: BM039565.D

Acq: 21 Apr 2023 23:29

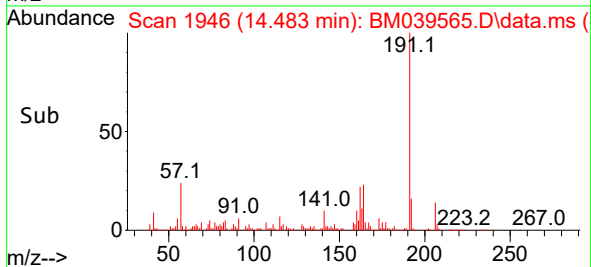
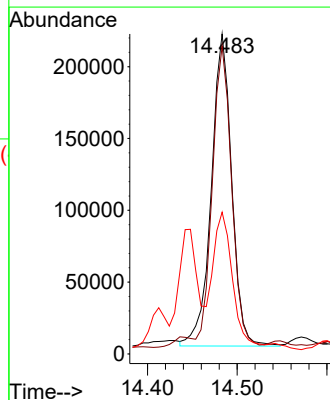
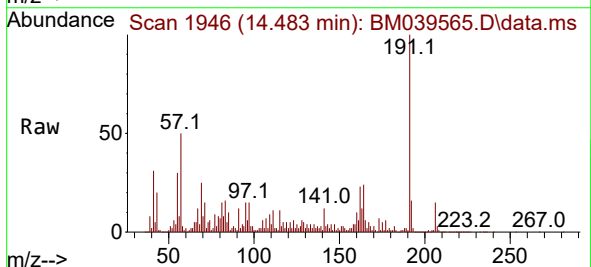
Tgt Ion:164 Resp: 343783

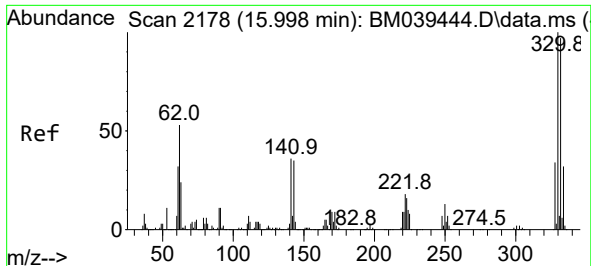
Ion Ratio Lower Upper

164 100

162 96.2 79.8 119.8

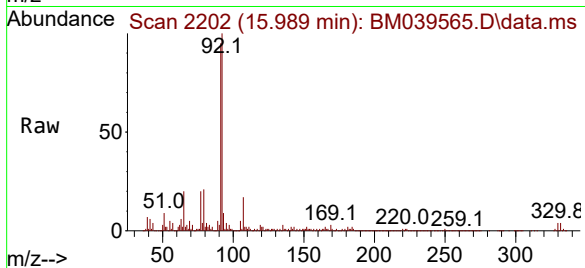
160 44.3 35.0 52.4





#42
2,4,6-Tribromophenol
Concen: 63.854 ng
RT: 15.989 min Scan# 2178
Delta R.T. 0.012 min
Lab File: BM039565.D
Acq: 21 Apr 2023 23:29

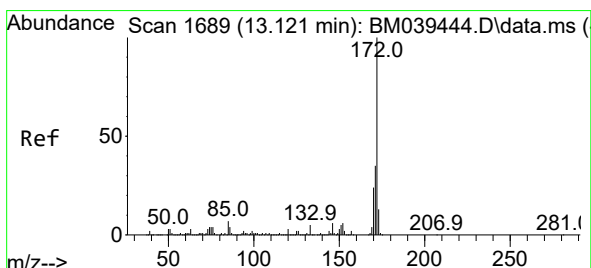
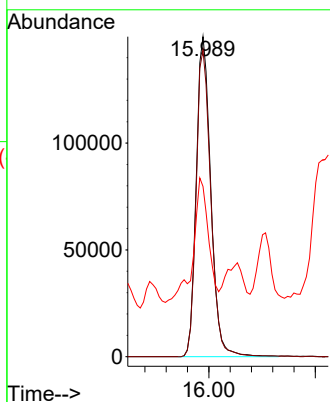
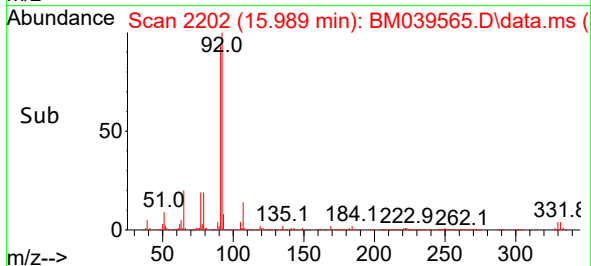
Instrument :
BNA_M
ClientSampleId :
SPA-3WC-23-04



Tgt Ion:330 Resp: 28485
Ion Ratio Lower Upper
330 100
332 96.4 77.4 116.2
141 40.4 31.0 46.6

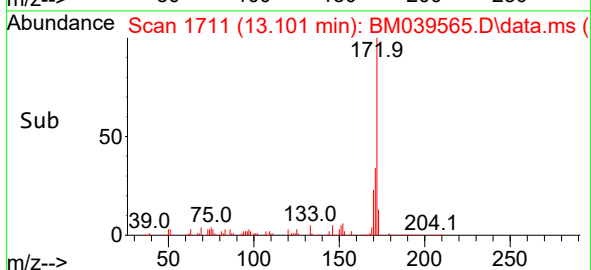
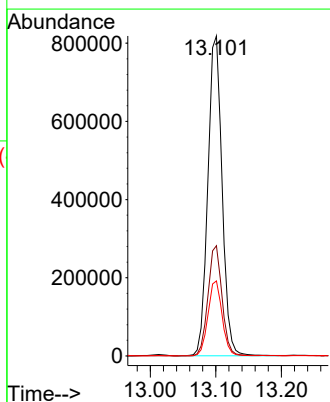
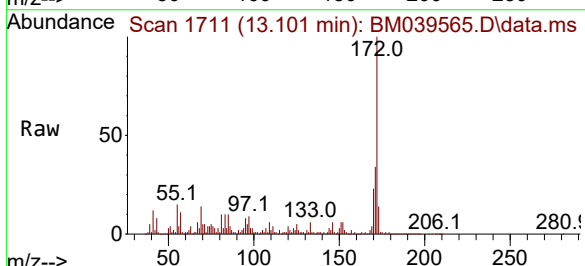
Manual Integrations
APPROVED

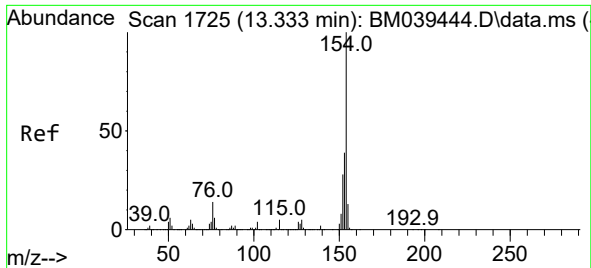
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023



#45
2-Fluorobiphenyl
Concen: 49.632 ng
RT: 13.101 min Scan# 1711
Delta R.T. -0.000 min
Lab File: BM039565.D
Acq: 21 Apr 2023 23:29

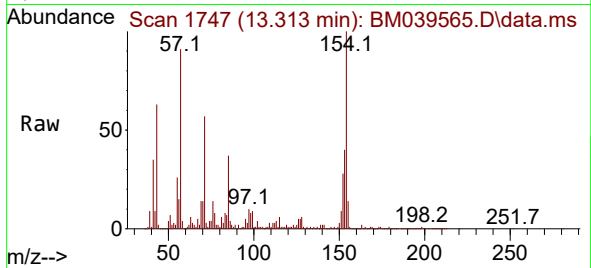
Tgt Ion:172 Resp: 1233174
Ion Ratio Lower Upper
172 100
171 34.4 27.8 41.8
170 23.4 19.0 28.4





#46
1,1'-Biphenyl
Concen: 92.537 ng
RT: 13.313 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM039565.D
Acq: 21 Apr 2023 23:29

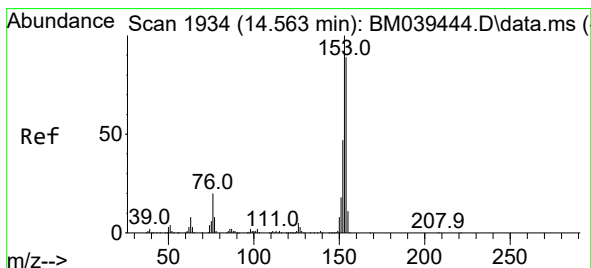
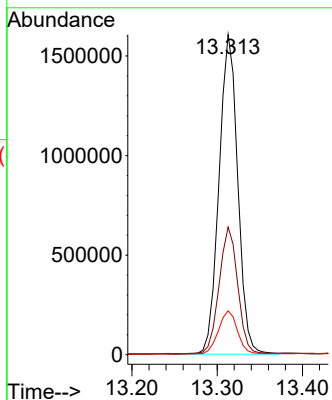
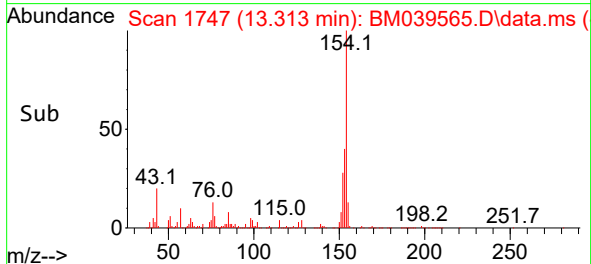
Instrument :
BNA_M
ClientSampleId :
SPA-3WC-23-04



Tgt Ion:154 Resp: 2450880
Ion Ratio Lower Upper
154 100
153 39.9 19.5 59.5
76 13.7 0.0 34.1

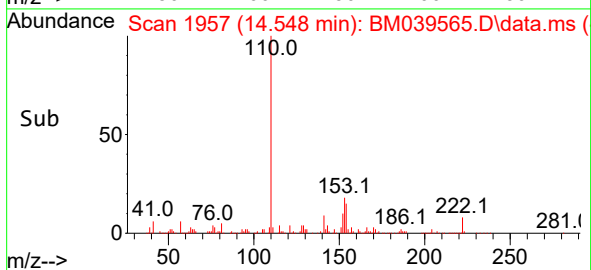
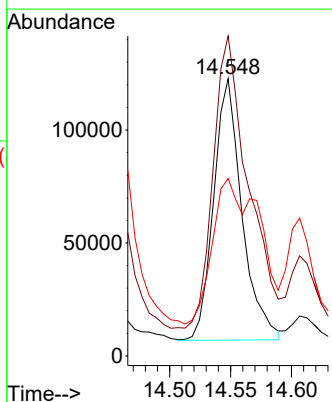
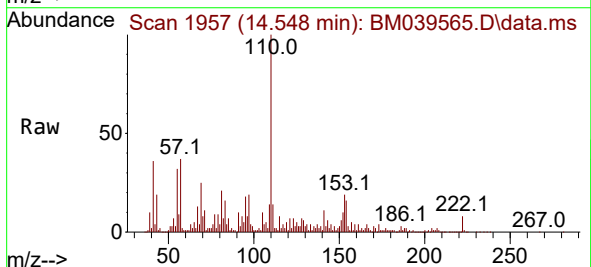
Manual Integrations
APPROVED

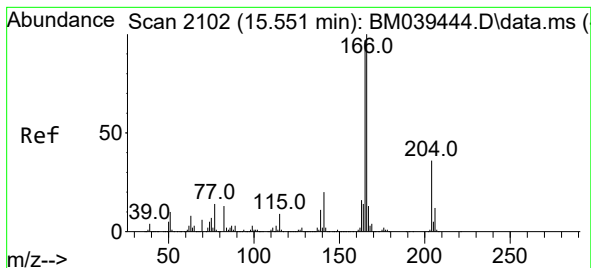
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023



#52
Acenaphthene
Concen: 9.387 ng
RT: 14.548 min Scan# 1957
Delta R.T. 0.006 min
Lab File: BM039565.D
Acq: 21 Apr 2023 23:29

Tgt Ion:154 Resp: 187189
Ion Ratio Lower Upper
154 100
153 115.4 89.8 134.8
152 64.1 42.7 64.1





#58

Fluorene

Concen: 15.916 ng

RT: 15.536 min Scan# 2102

Delta R.T. 0.006 min

Lab File: BM039565.D

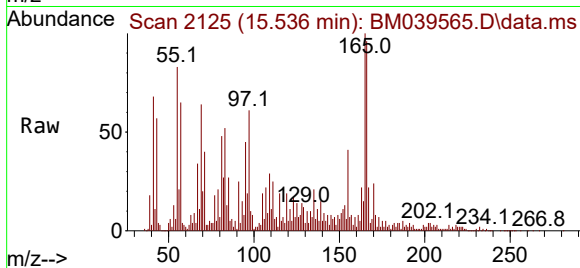
Acq: 21 Apr 2023 23:29

Instrument :

BNA_M

ClientSampleId :

SPA-3WC-23-04



Tgt Ion:166 Resp: 413614

Ion Ratio Lower Upper

166 100

165 104.0 77.4 116.0

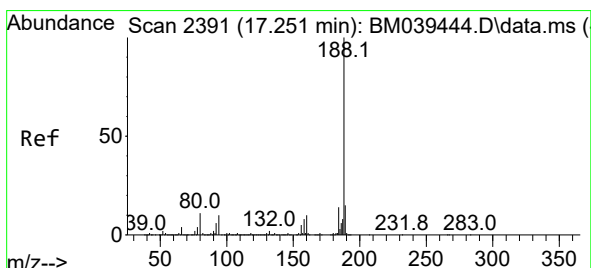
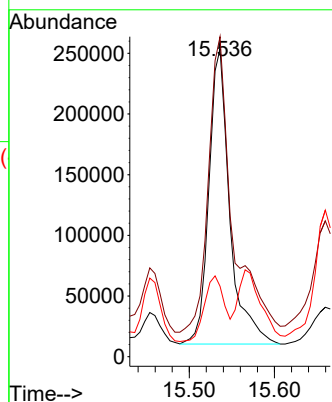
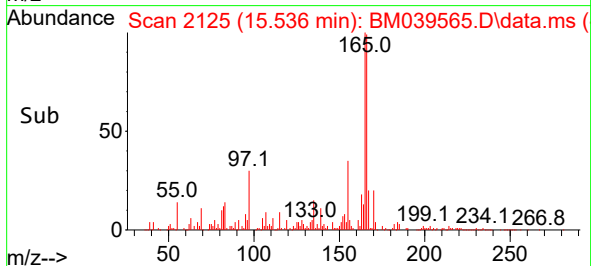
167 22.9 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/24/2023

Supervised By :Jagrut Upadhyay 04/24/2023



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.248 min Scan# 2416

Delta R.T. 0.018 min

Lab File: BM039565.D

Acq: 21 Apr 2023 23:29

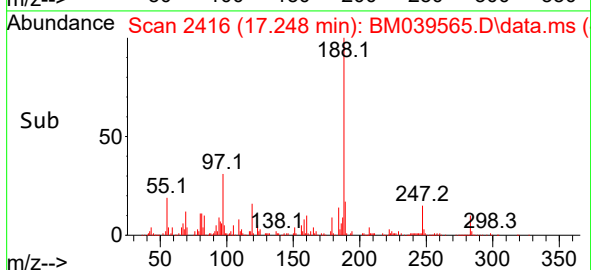
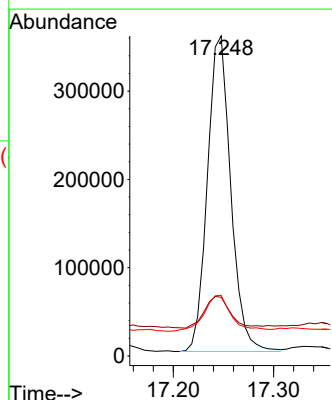
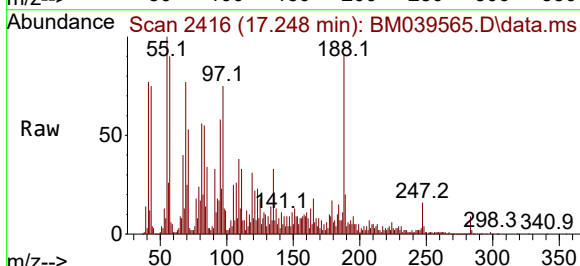
Tgt Ion:188 Resp: 580212

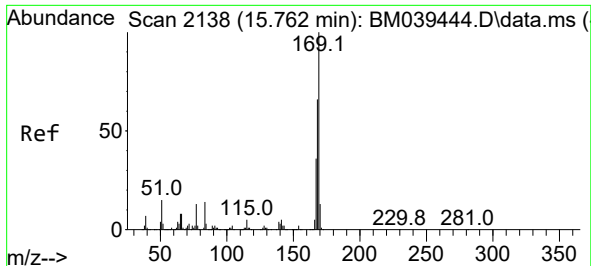
Ion Ratio Lower Upper

188 100

94 18.3 7.9 11.9#

80 19.0 8.9 13.3#





#66
n-Nitrosodiphenylamine
Concen: 31.897 ng
RT: 15.748 min Scan# 2138
Delta R.T. -0.000 min
Lab File: BM039565.D
Acq: 21 Apr 2023 23:29

Instrument :

BNA_M

ClientSampleId :

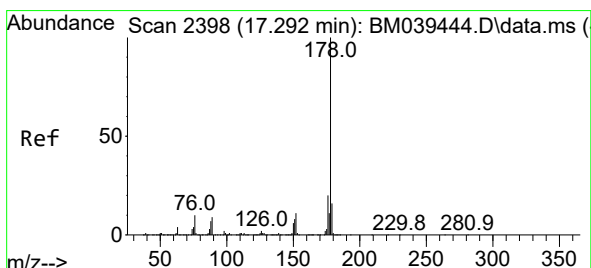
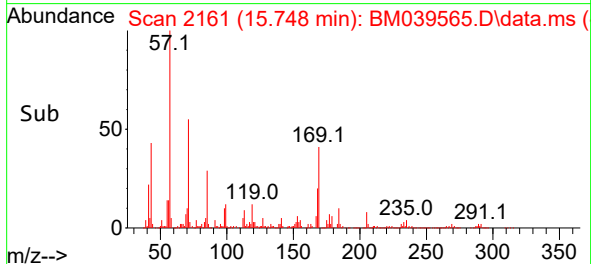
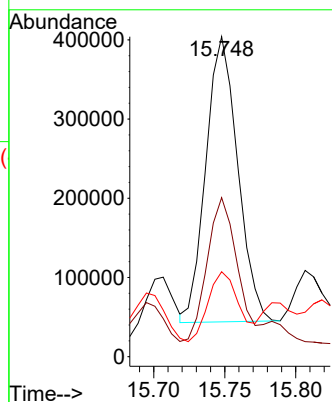
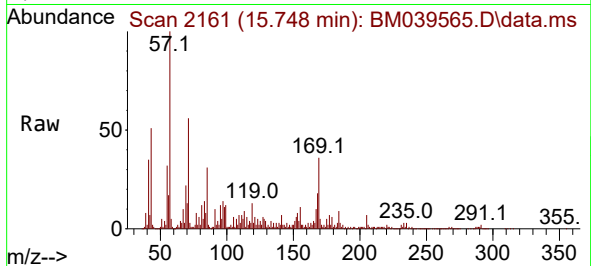
SPA-3WC-23-04

Tgt Ion:169 Resp: 561104
Ion Ratio Lower Upper
169 100
168 49.7 52.6 79.0
167 26.6 29.0 43.4

Manual Integrations

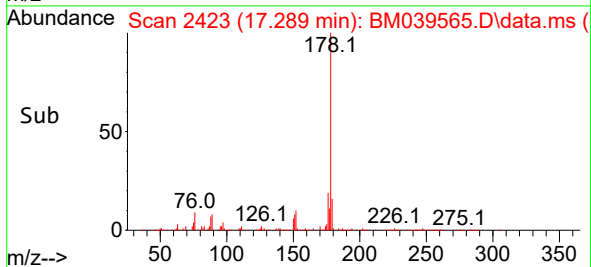
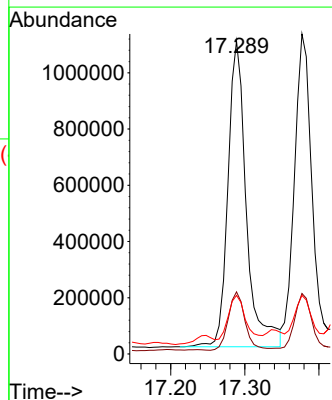
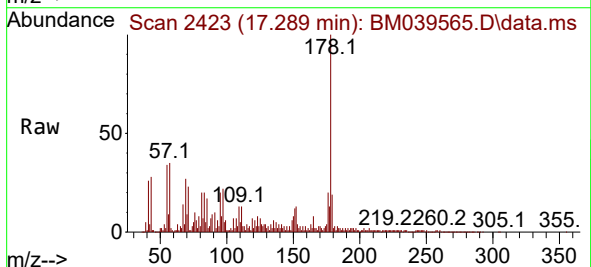
APPROVED

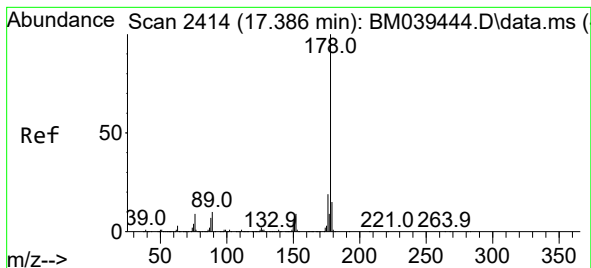
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023



#71
Phenanthrene
Concen: 59.596 ng
RT: 17.289 min Scan# 2423
Delta R.T. 0.012 min
Lab File: BM039565.D
Acq: 21 Apr 2023 23:29

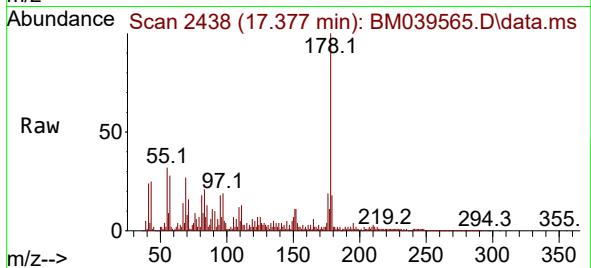
Tgt Ion:178 Resp: 1875050
Ion Ratio Lower Upper
178 100
176 19.9 15.6 23.4
179 18.7 12.5 18.7





#72
 Anthracene
 Concen: 53.074 ng
 RT: 17.377 min Scan# 2414
 Delta R.T. 0.012 min
 Lab File: BM039565.D
 Acq: 21 Apr 2023 23:29

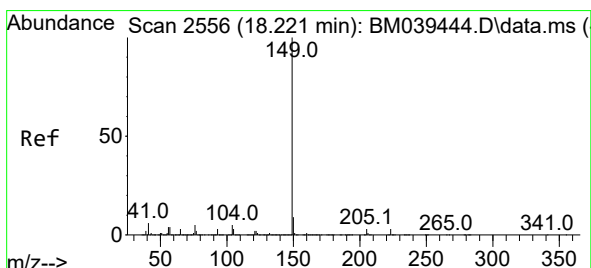
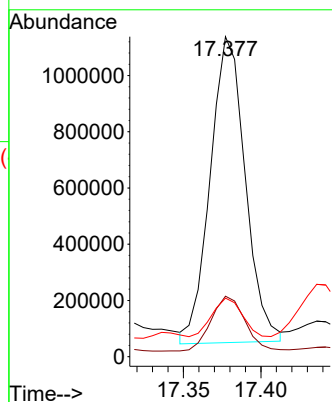
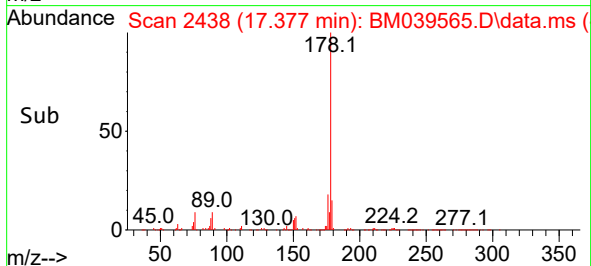
Instrument :
 BNA_M
 ClientSampleId :
 SPA-3WC-23-04



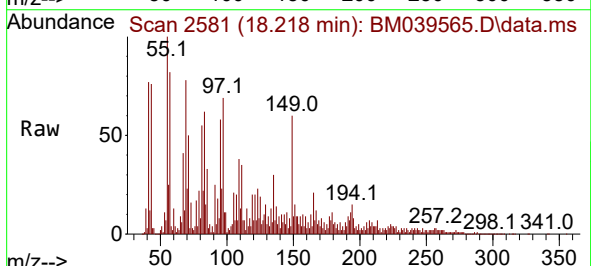
Tgt Ion:178 Resp: 171289
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.2 22.8
 179 18.3 12.2 18.4

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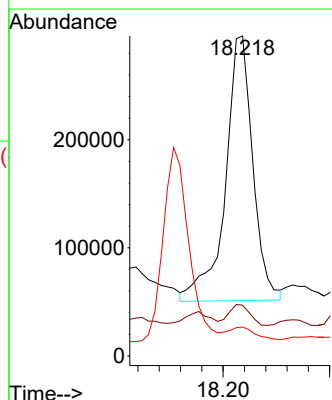
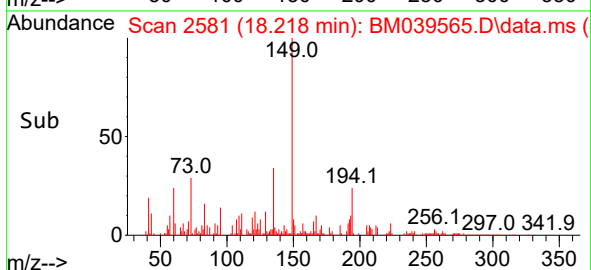
Reviewed By :Christian Giraldo 04/24/2023
 Supervised By :Jagrut Upadhyay 04/24/2023

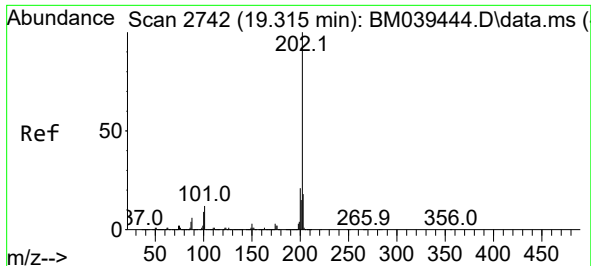


#74
 Di-n-butylphthalate
 Concen: 10.751 ng
 RT: 18.218 min Scan# 2581
 Delta R.T. 0.018 min
 Lab File: BM039565.D
 Acq: 21 Apr 2023 23:29



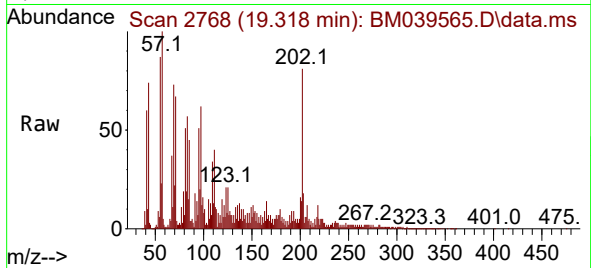
Tgt Ion:149 Resp: 438700
 Ion Ratio Lower Upper
 149 100
 150 15.9 7.4 11.2#
 104 9.1 4.1 6.1#





#75
Fluoranthene
Concen: 24.475 ng
RT: 19.318 min Scan# 21
Delta R.T. 0.024 min
Lab File: BM039565.D
Acq: 21 Apr 2023 23:29

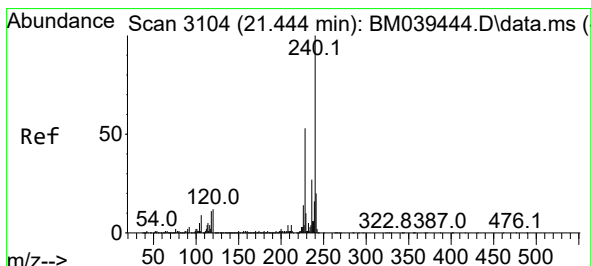
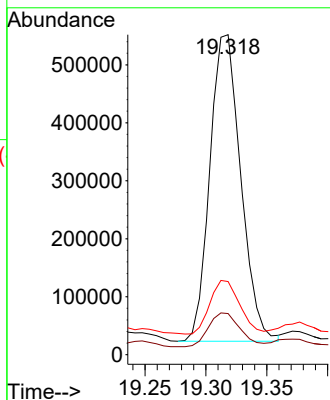
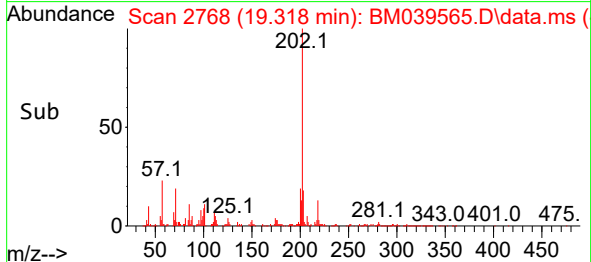
Instrument :
BNA_M
ClientSampleId :
SPA-3WC-23-04



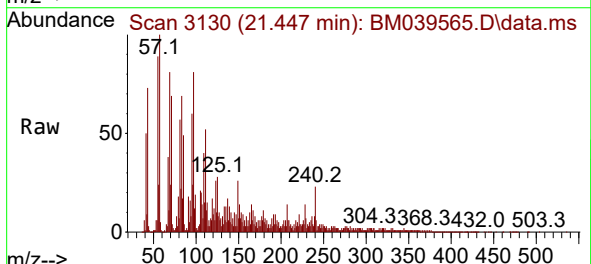
Tgt Ion:202 Resp: 93424
Ion Ratio Lower Upper
202 100
101 12.9 0.0 32.1
203 22.9 0.0 37.6

Manual Integrations
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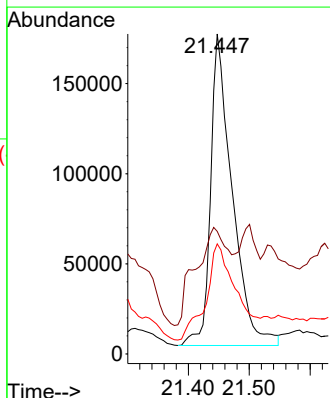
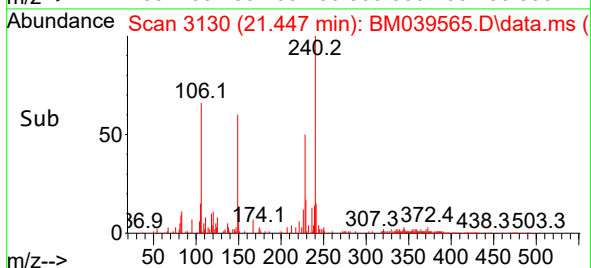
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023

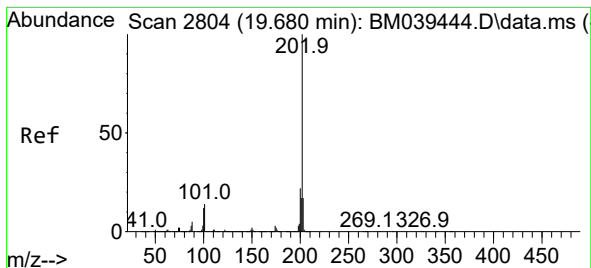


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.447 min Scan# 3130
Delta R.T. 0.023 min
Lab File: BM039565.D
Acq: 21 Apr 2023 23:29



Tgt Ion:240 Resp: 425870
Ion Ratio Lower Upper
240 100
120 38.3 9.4 14.2#
236 34.4 21.2 31.8#





#78

Pyrene

Concen: 32.532 ng

RT: 19.683 min Scan# 2804

Delta R.T. 0.024 min

Lab File: BM039565.D

Acq: 21 Apr 2023 23:29

Instrument :

BNA_M

ClientSampleId :

SPA-3WC-23-04

Tgt Ion:202 Resp: 1018869

Ion Ratio Lower Upper

202 100

200 22.2 17.2 25.8

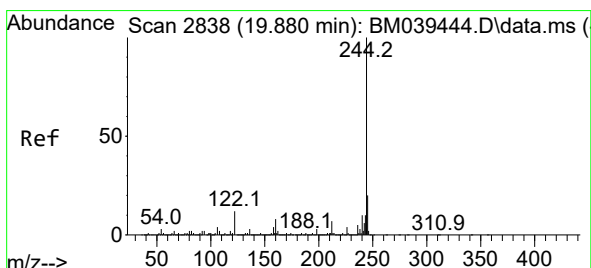
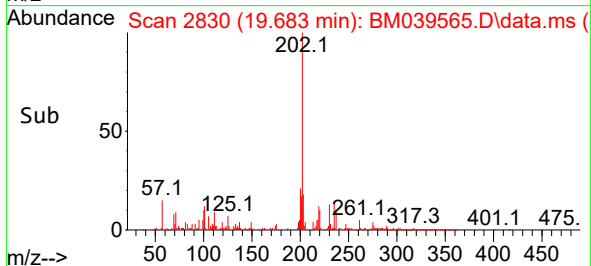
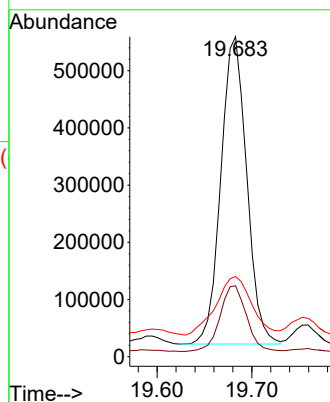
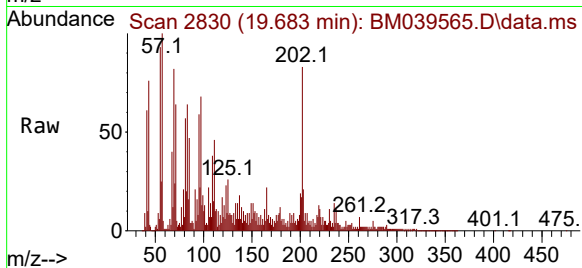
203 25.0 13.9 20.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/24/2023

Supervised By :Jagrut Upadhyay 04/24/2023



#79

Terphenyl-d14

Concen: 55.444 ng

RT: 19.883 min Scan# 2864

Delta R.T. 0.018 min

Lab File: BM039565.D

Acq: 21 Apr 2023 23:29

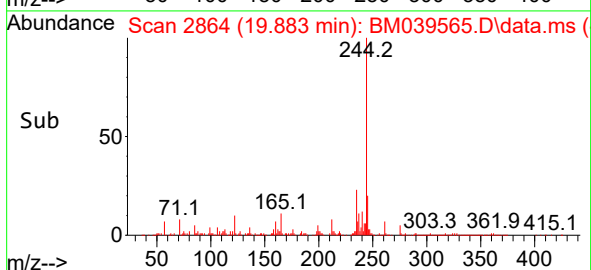
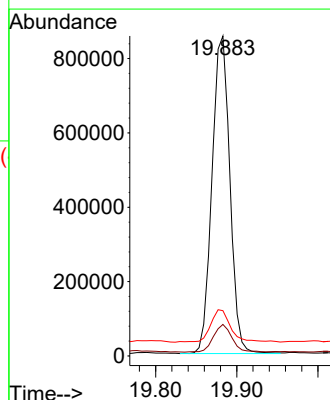
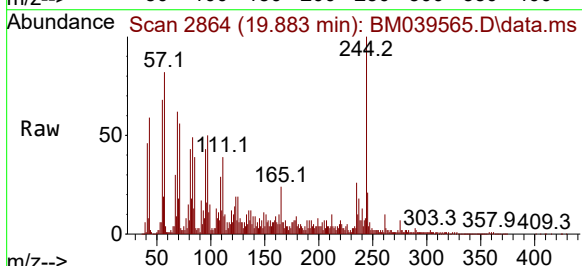
Tgt Ion:244 Resp: 1308849

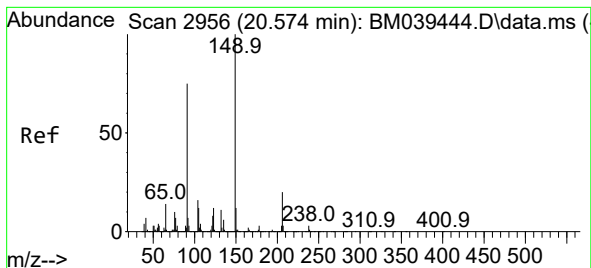
Ion Ratio Lower Upper

244 100

212 9.8 5.8 8.8#

122 14.1 9.5 14.3





#80

Butylbenzylphthalate

Concen: 29.033 ng

RT: 20.577 min Scan# 2956

Delta R.T. 0.018 min

Lab File: BM039565.D

Acq: 21 Apr 2023 23:29

Instrument :

BNA_M

ClientSampleId :

SPA-3WC-23-04

Tgt Ion:149 Resp: 450884

Ion Ratio Lower Upper

149 100

91 101.5 59.9 89.9

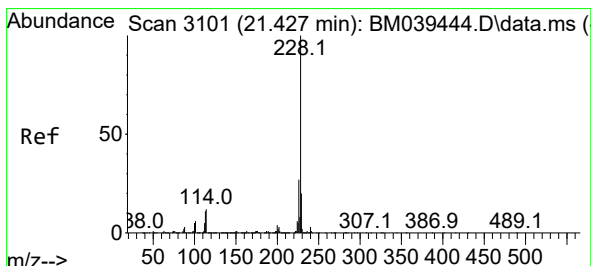
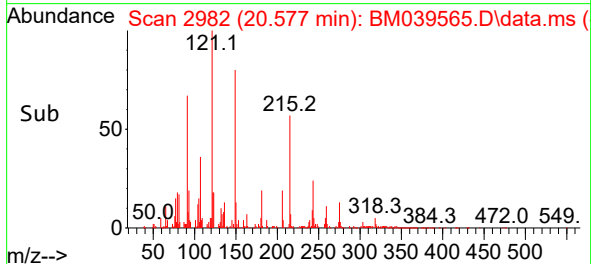
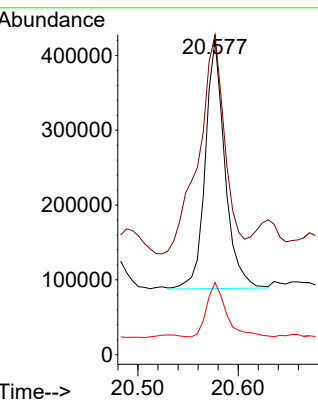
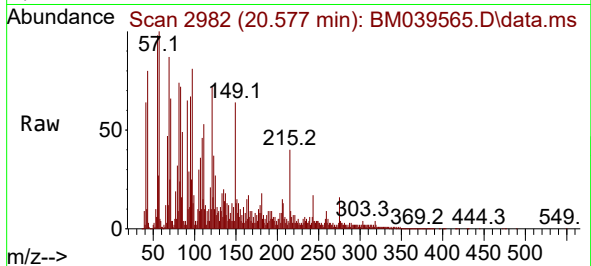
206 22.9 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/24/2023

Supervised By :Jagrut Upadhyay 04/24/2023



#81

Benzo(a)anthracene

Concen: 9.178 ng

RT: 21.430 min Scan# 3127

Delta R.T. 0.018 min

Lab File: BM039565.D

Acq: 21 Apr 2023 23:29

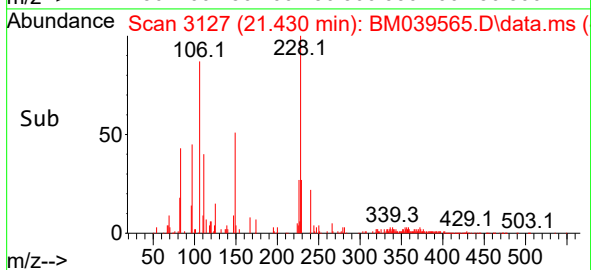
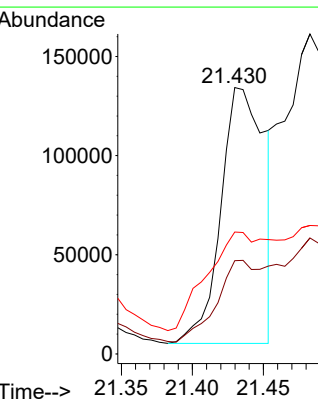
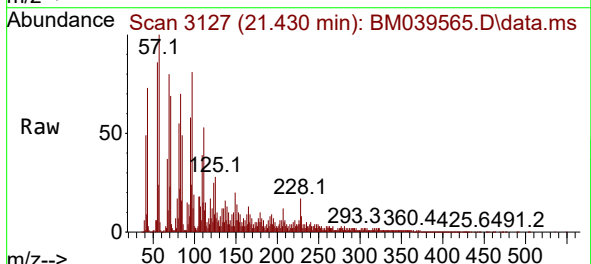
Tgt Ion:228 Resp: 277574

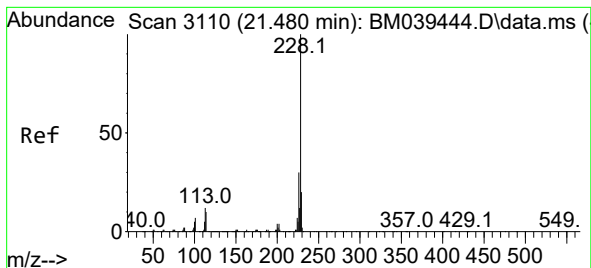
Ion Ratio Lower Upper

228 100

226 35.0 21.8 32.8#

229 45.7 15.9 23.9#





#83

Chrysene

Concen: 15.671 ng m

RT: 21.483 min Scan# 3110

Delta R.T. 0.018 min

Lab File: BM039565.D

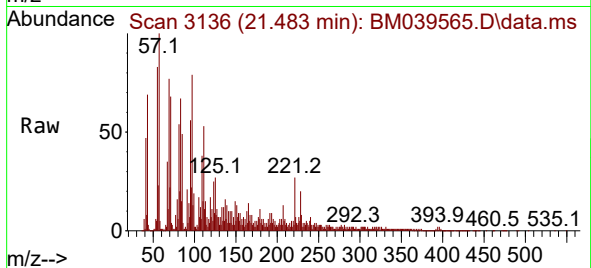
Acq: 21 Apr 2023 23:29

Instrument :

BNA_M

ClientSampleId :

SPA-3WC-23-04



Tgt Ion:228 Resp: 45936

Ion Ratio Lower Upper

228 100

226 36.3 24.0 36.0

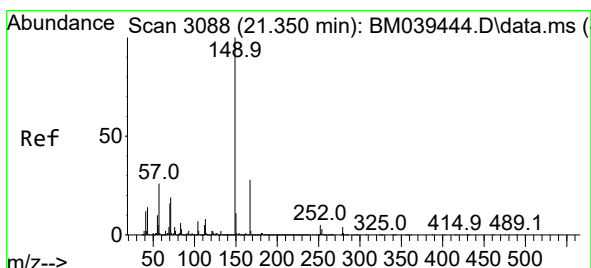
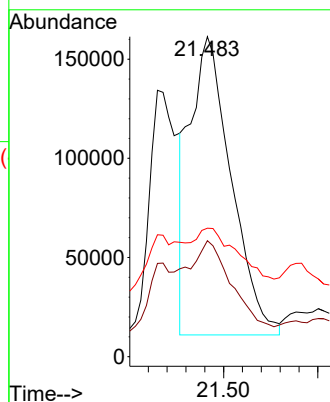
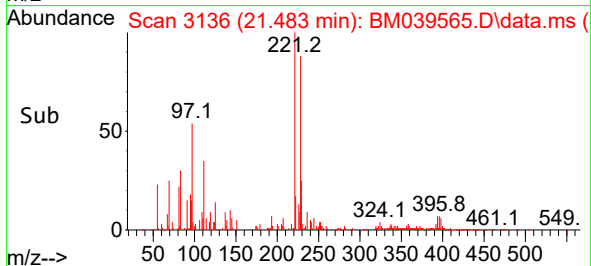
229 40.1 16.0 24.0

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#84

Bis(2-ethylhexyl)phthalate

Concen: 596.065 ng

RT: 21.383 min Scan# 3119

Delta R.T. 0.053 min

Lab File: BM039565.D

Acq: 21 Apr 2023 23:29

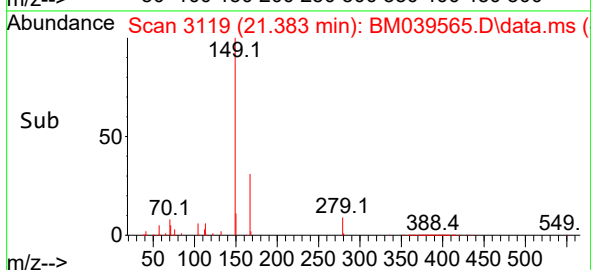
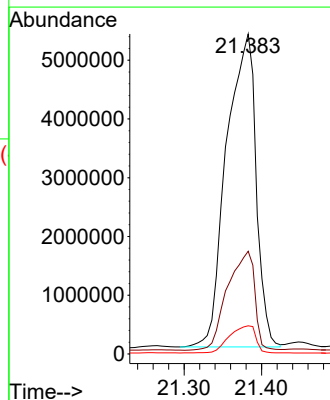
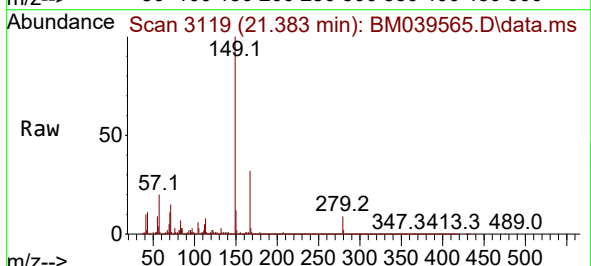
Tgt Ion:149 Resp:14111121

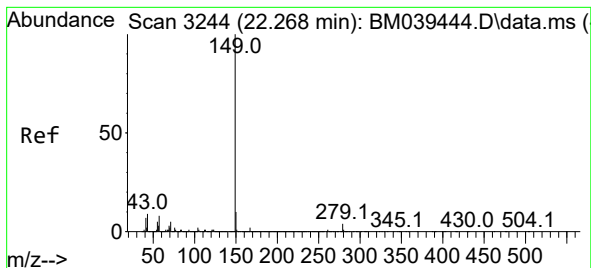
Ion Ratio Lower Upper

149 100

167 32.1 22.3 33.5

279 8.8 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 77.938 ng

RT: 22.277 min Scan# 31

Delta R.T. 0.029 min

Lab File: BM039565.D

Acq: 21 Apr 2023 23:29

Instrument :

BNA_M

ClientSampleId :

SPA-3WC-23-04

Tgt Ion:149 Resp: 317281

Ion Ratio Lower Upper

149 100

167 1.9 1.2 1.8

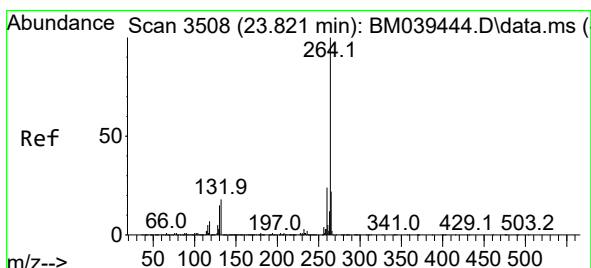
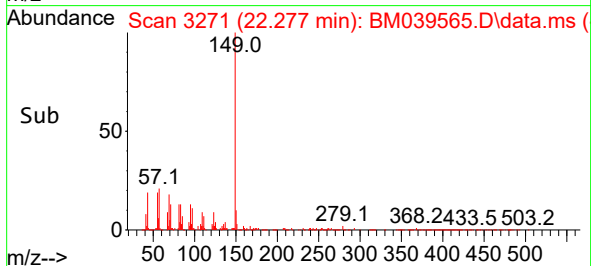
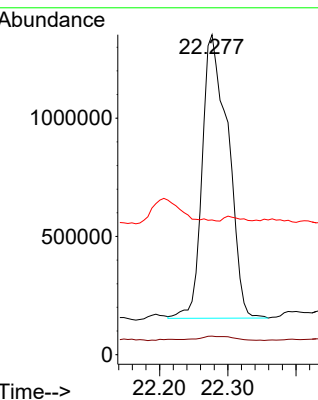
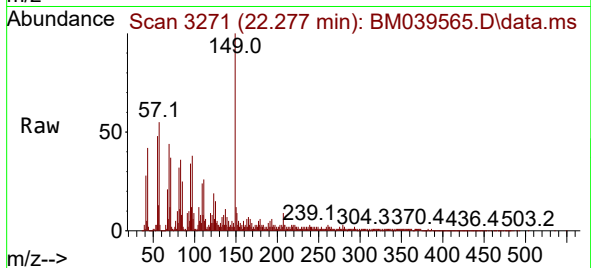
43 0.0 7.1 10.7

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#86

Perylene-d12

Concen: 20.000 ng

RT: 23.841 min Scan# 3537

Delta R.T. 0.053 min

Lab File: BM039565.D

Acq: 21 Apr 2023 23:29

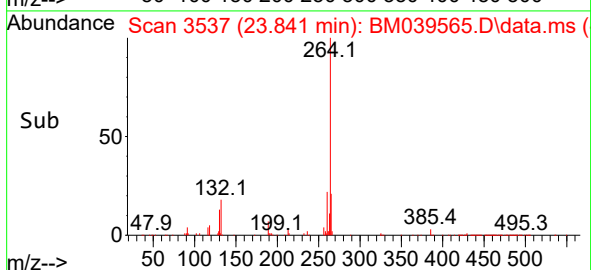
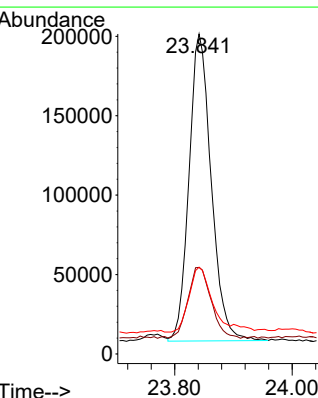
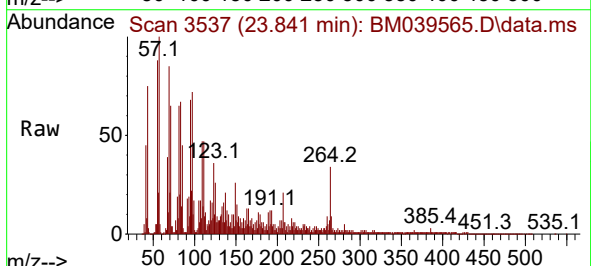
Tgt Ion:264 Resp: 507005

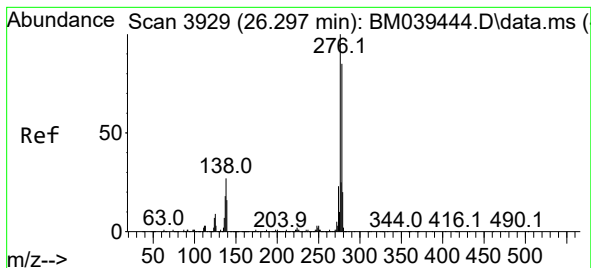
Ion Ratio Lower Upper

264 100

260 27.1 19.0 28.6

265 27.1 18.0 27.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 5.390 ng

RT: 26.312 min Scan# 3412

Delta R.T. 0.076 min

Lab File: BM039565.D

Acq: 21 Apr 2023 23:29

Instrument :

BNA_M

ClientSampleId :

SPA-3WC-23-04

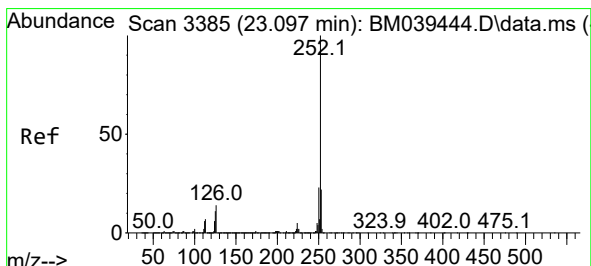
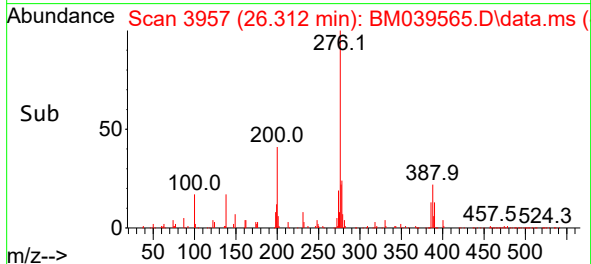
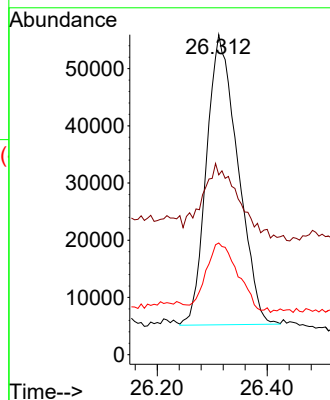
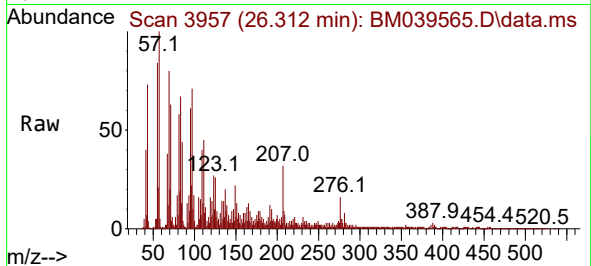
Tgt Ion:	276	Resp:	20079
Ion Ratio	Lower	Upper	
276	100		
138	32.4	21.4	32.0
277	24.8	20.0	30.0

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#88

Benzo(b)fluoranthene

Concen: 13.049 ng m

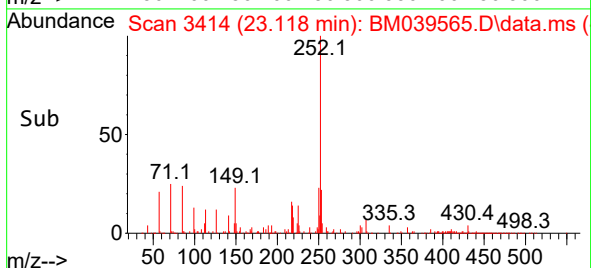
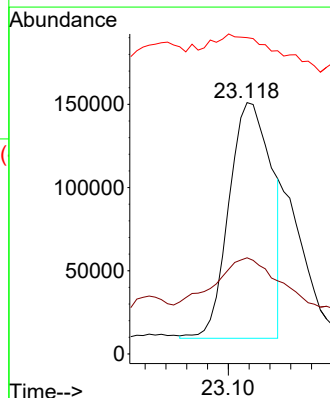
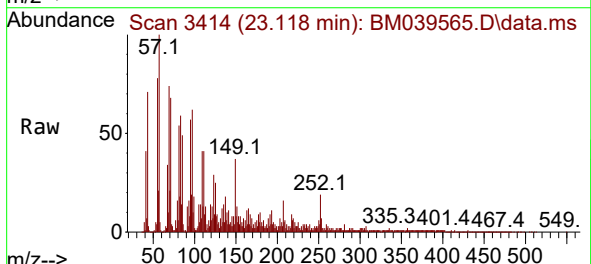
RT: 23.118 min Scan# 3414

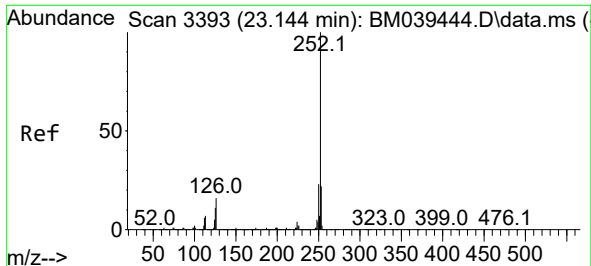
Delta R.T. 0.047 min

Lab File: BM039565.D

Acq: 21 Apr 2023 23:29

Tgt Ion:	252	Resp:	403391
Ion Ratio	Lower	Upper	
252	100		
253	38.3	17.8	26.6
125	125.9	8.9	13.3





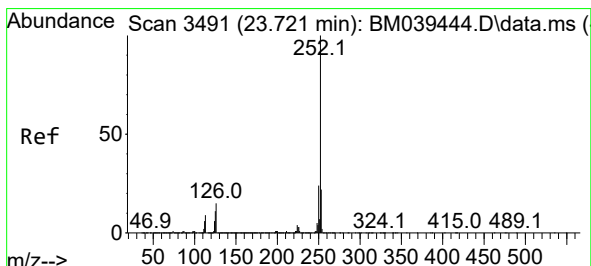
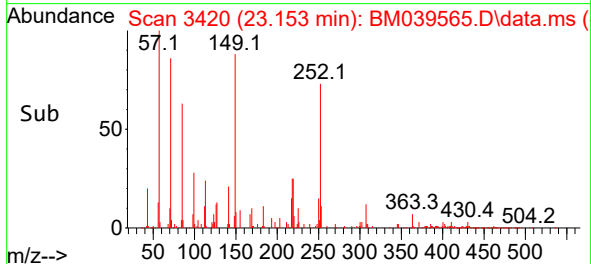
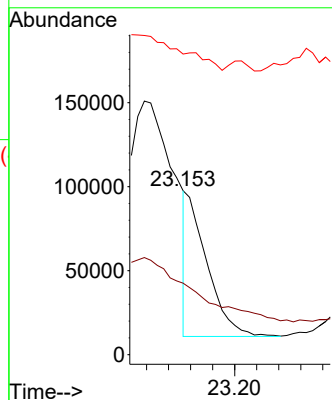
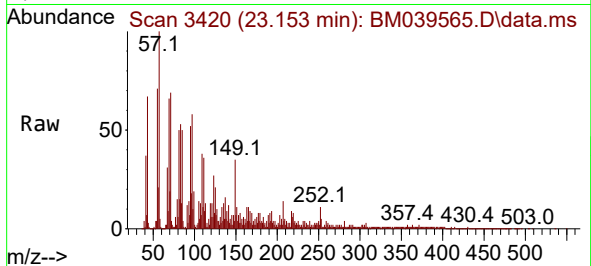
#89
Benzo(k)fluoranthene
Concen: 3.421 ng m
RT: 23.153 min Scan# 34
Delta R.T. 0.035 min
Lab File: BM039565.D
Acq: 21 Apr 2023 23:29

Instrument :
BNA_M
ClientSampleId :
SPA-3WC-23-04

Tgt Ion:252 Resp: 110550
Ion Ratio Lower Upper
252 100
253 43.6 17.5 26.3#
125 183.4 8.8 13.2#

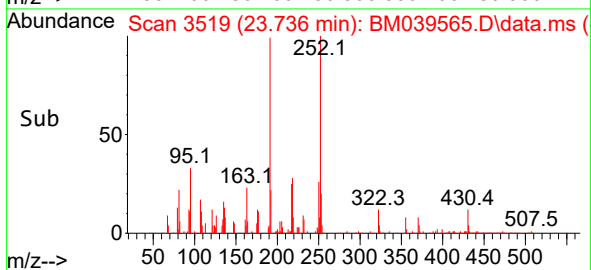
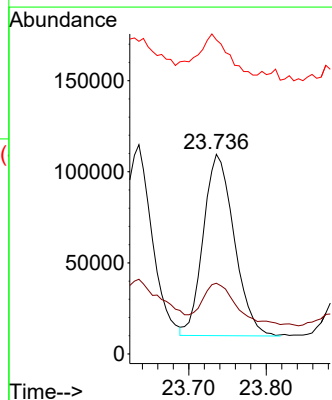
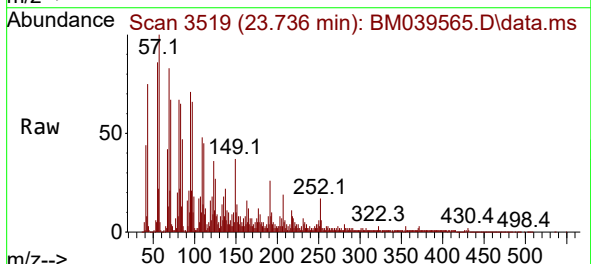
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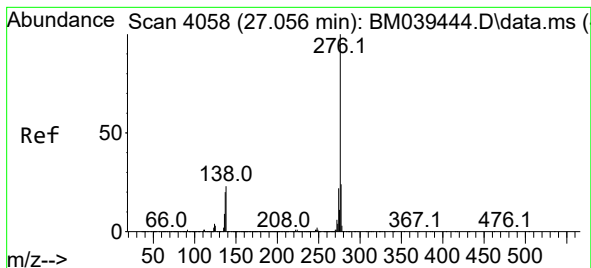
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023



#90
Benzo(a)pyrene
Concen: 8.969 ng
RT: 23.736 min Scan# 3519
Delta R.T. 0.053 min
Lab File: BM039565.D
Acq: 21 Apr 2023 23:29

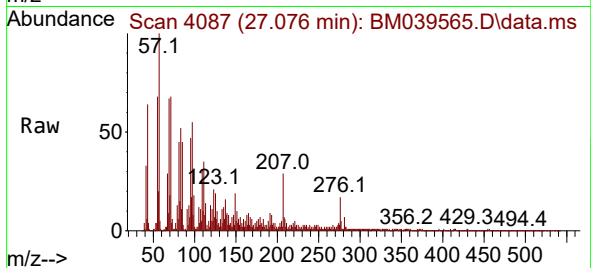
Tgt Ion:252 Resp: 275564
Ion Ratio Lower Upper
252 100
253 35.4 17.7 26.5#
125 157.3 9.0 13.6#





#92
 Benzo(g,h,i)perylene
 Concen: 8.070 ng
 RT: 27.076 min Scan# 4087
 Delta R.T. 0.088 min
 Lab File: BM039565.D
 Acq: 21 Apr 2023 23:29

Instrument :
 BNA_M
 ClientSampleId :
 SPA-3WC-23-04



Tgt Ion: 276 Resp: 247700
 Ion Ratio Lower Upper
 276 100
 277 31.1 19.1 28.7
 138 45.3 18.8 28.2

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