

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042123\
 Data File : BM039567.D
 Acq On : 22 Apr 2023 00:41
 Operator : CG/JU
 Sample : 02386-19
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SPA-5WC-23-04

Manual Integrations
 APPROVED

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

Quant Time: Apr 22 01:50:03 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	7.831	152	139800	20.000	ng	0.01
21) Naphthalene-d8	10.642	136	561539	20.000	ng	# 0.01
39) Acenaphthene-d10	14.495	164	348852	20.000	ng	0.02
64) Phenanthrene-d10	17.265	188	525406	20.000	ng	# 0.04
76) Chrysene-d12	21.477	240	313069	20.000	ng	# 0.05
86) Perylene-d12	23.883	264	431998	20.000	ng	# 0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.401	112	537151	62.776	ng	0.01
7) Phenol-d6	7.019	99	771239	61.331	ng	0.01
23) Nitrobenzene-d5	9.001	82	607747	53.000	ng	0.00
42) 2,4,6-Tribromophenol	16.065	330	197578	43.646	ng	0.09
45) 2-Fluorobiphenyl	13.107	172	1010159	40.065	ng	0.00
79) Terphenyl-d14	19.895	244	839199	48.358	ng	0.03
Target Compounds						Qvalue
12) 1,3-Dichlorobenzene	7.719	146	1164212	115.140	ng	100
13) 1,4-Dichlorobenzene	7.872	146	4922229	485.576	ng	99
14) 1,2-Dichlorobenzene	8.190	146	4329551	430.063	ng	99
27) 2,4-Dimethylphenol	9.831	122	178659	20.285	ng	# 52
30) 1,2,4-Trichlorobenzene	10.507	180	1780452	197.251	ng	99
31) Naphthalene	10.695	128	7492764	246.945	ng	98
37) 2-Methylnaphthalene	12.313	142	6253347	280.444	ng	100
38) 1-Methylnaphthalene	12.530	142	3688718	175.553	ng	100
40) 1,2,4,5-Tetrachloroben...	12.677	216	55031	5.408	ng	# 80
46) 1,1'-Biphenyl	13.324	154	4931283	183.484	ng	99
52) Acenaphthene	14.560	154	317691	15.701	ng	95
58) Fluorene	15.548	166	711993	26.999	ng	# 91
66) n-Nitrosodiphenylamine	15.760	169	716783	44.998	ng	# 77
71) Phenanthrene	17.307	178	2790308	97.937	ng	96
72) Anthracene	17.395	178	2790156	95.471	ng	# 97
74) Di-n-butylphthalate	18.230	149	1346640	36.445	ng	# 89
75) Fluoranthene	19.330	202	1096484	31.722	ng	86
78) Pyrene	19.701	202	1219017	52.947	ng	# 85
80) Butylbenzylphthalate	20.595	149	592900	51.932	ng	# 68
81) Benzo(a)anthracene	21.500	228	424949m	19.114	ng	
83) Chrysene	21.506	228	277952m	12.898	ng	
84) Bis(2-ethylhexyl)phtha...	21.412	149	17625542	1012.772	ng	# 92
85) Di-n-octyl phthalate	22.300	149	3034076	101.383	ng	# 79
87) Indeno(1,2,3-cd)pyrene	26.377	276	203558	6.412	ng	# 87
88) Benzo(b)fluoranthene	23.153	252	371967m	14.122	ng	
89) Benzo(k)fluoranthene	23.183	252	137356m	4.988	ng	
90) Benzo(a)pyrene	23.783	252	275553	10.526	ng	# 1
92) Benzo(g,h,i)perylene	27.147	276	260435	9.958	ng	# 40

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

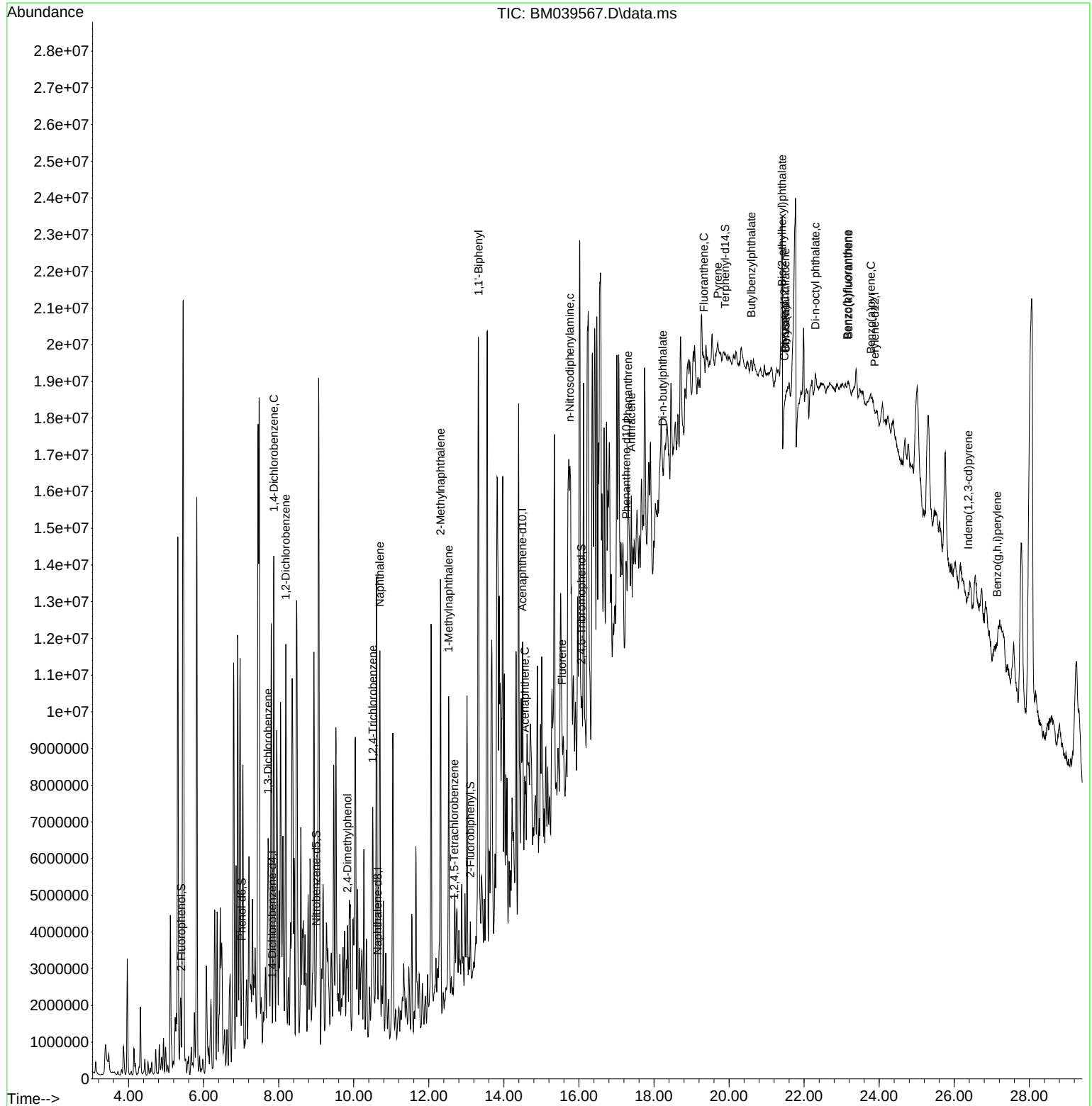
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042123\
Data File : BM039567.D
Acq On : 22 Apr 2023 00:41
Operator : CG/JU
Sample : 02386-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

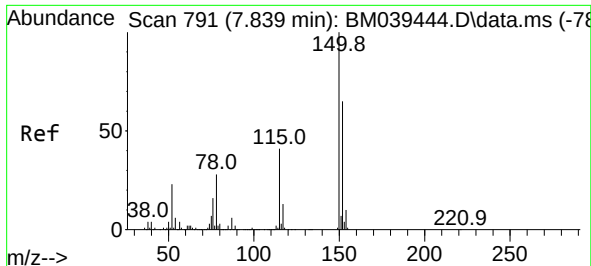
Instrument :
BNA_M
ClientSampleId :
SPA-5WC-23-04

Quant Time: Apr 22 01:50:03 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

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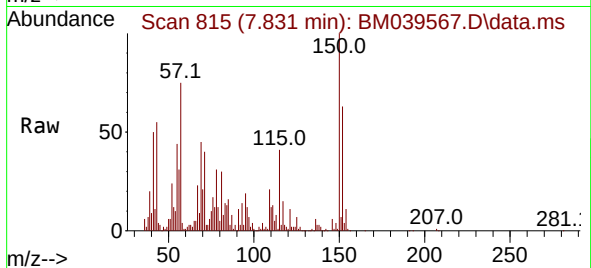
Reviewed By : Christian Giraldo 04/24/2023
Supervised By : Jagrut Upadhyay 04/24/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.831 min Scan# 815
Delta R.T. 0.012 min
Lab File: BM039567.D
Acq: 22 Apr 2023 00:41

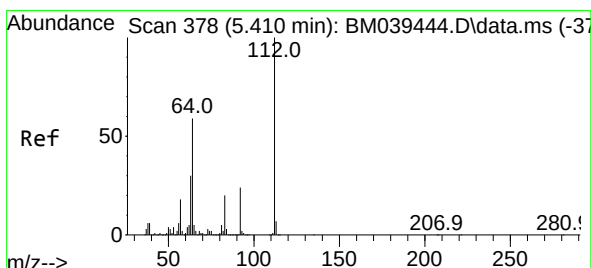
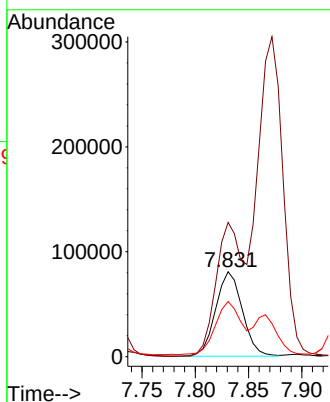
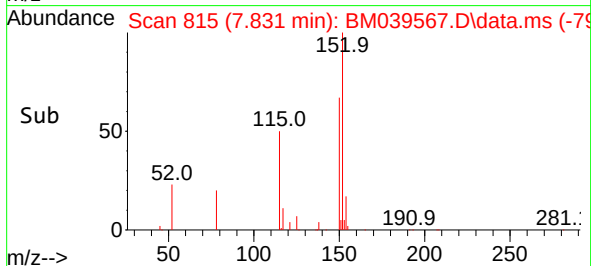
Instrument :
BNA_M
ClientSampleId :
SPA-5WC-23-04



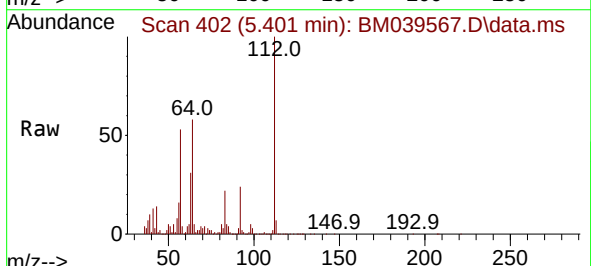
Tgt Ion:152 Resp: 139800
Ion Ratio Lower Upper
152 100
150 158.1 123.0 184.4
115 65.0 49.9 74.9

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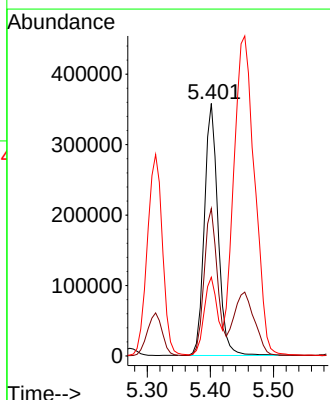
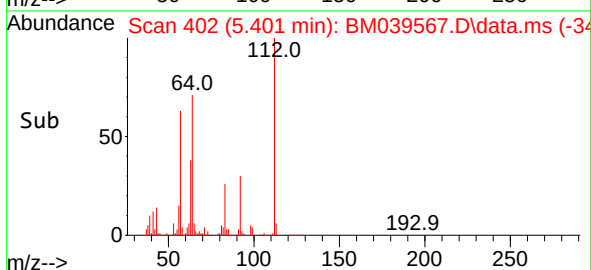
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023

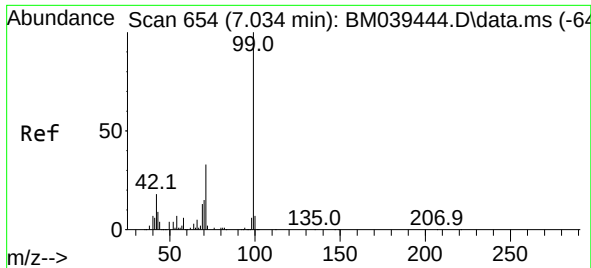


#5
2-Fluorophenol
Concen: 62.776 ng
RT: 5.401 min Scan# 402
Delta R.T. 0.012 min
Lab File: BM039567.D
Acq: 22 Apr 2023 00:41



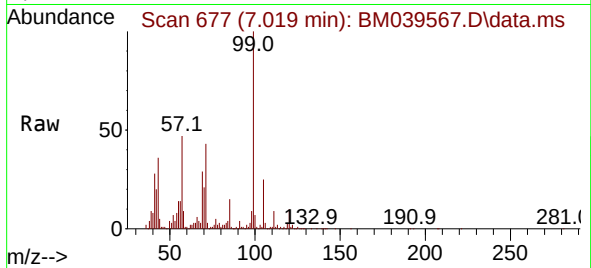
Tgt Ion:112 Resp: 537151
Ion Ratio Lower Upper
112 100
64 58.4 47.0 70.4
63 31.2 24.2 36.4





#7
Phenol-d6
Concen: 61.331 ng
RT: 7.019 min Scan# 61
Delta R.T. 0.012 min
Lab File: BM039567.D
Acq: 22 Apr 2023 00:41

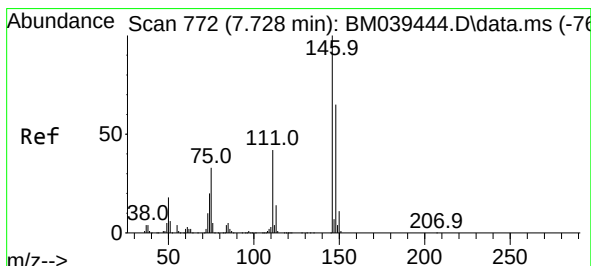
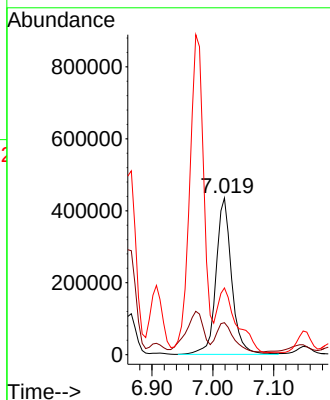
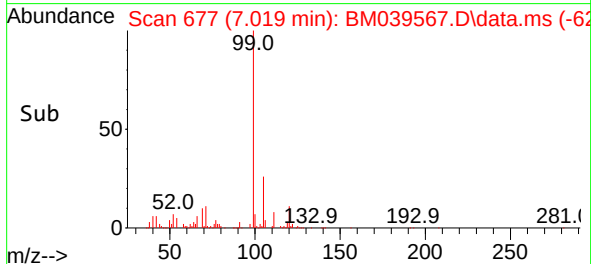
Instrument :
BNA_M
ClientSampleId :
SPA-5WC-23-04



Tgt Ion: 99 Resp: 771239
Ion Ratio Lower Upper
99 100
42 20.4 14.2 21.4
71 42.6 26.8 40.2

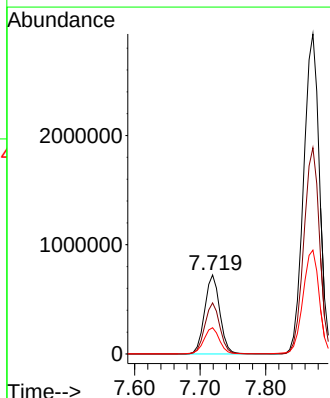
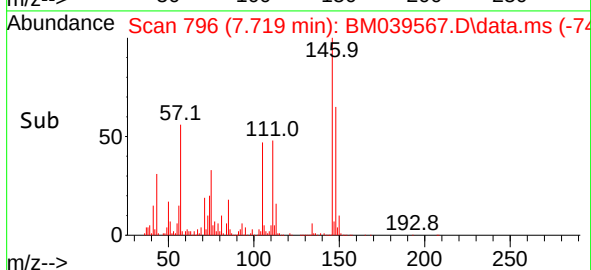
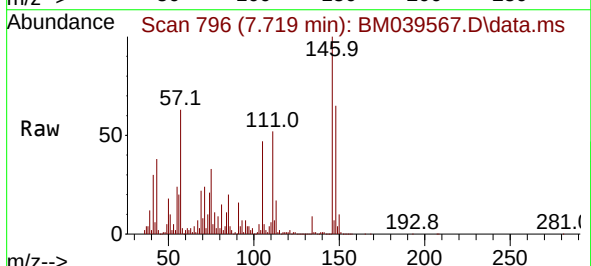
Manual Integrations
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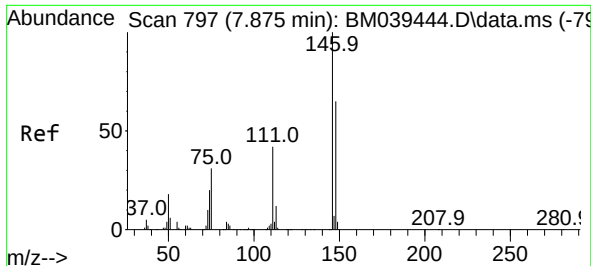
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023



#12
1,3-Dichlorobenzene
Concen: 115.140 ng
RT: 7.719 min Scan# 796
Delta R.T. 0.012 min
Lab File: BM039567.D
Acq: 22 Apr 2023 00:41

Tgt Ion:146 Resp: 1164212
Ion Ratio Lower Upper
146 100
148 64.6 52.0 78.0
75 33.2 26.6 39.8





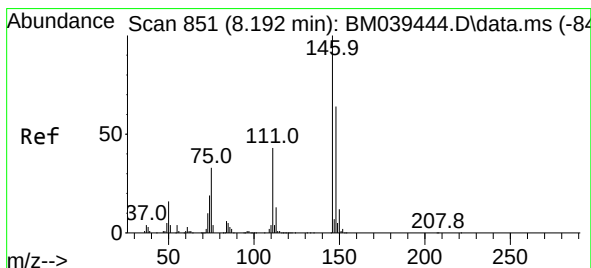
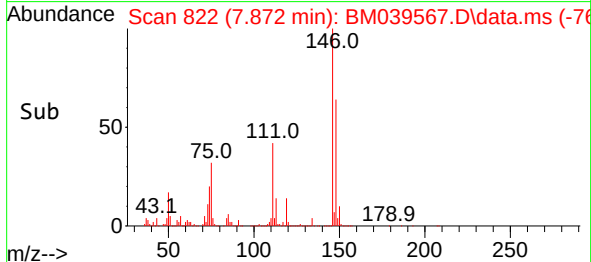
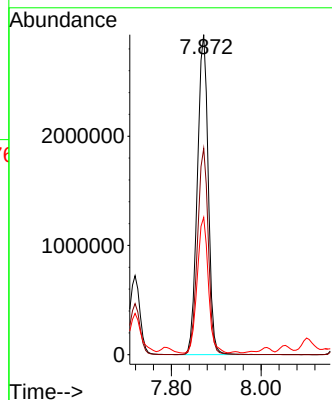
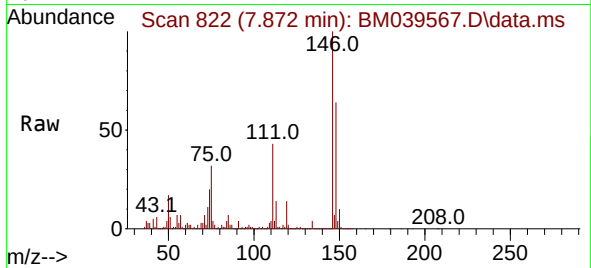
#13
1,4-Dichlorobenzene
Concen: 485.576 ng
RT: 7.872 min Scan# 811
Delta R.T. 0.018 min
Lab File: BM039567.D
Acq: 22 Apr 2023 00:41

Instrument :
BNA_M
ClientSampleId :
SPA-5WC-23-04

Tgt Ion:146 Resp: 4922229
Ion Ratio Lower Upper
146 100
148 64.5 51.7 77.5
111 42.9 33.5 50.3

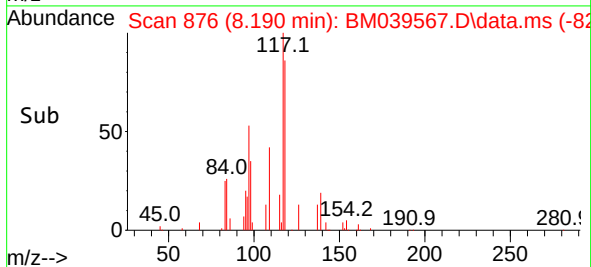
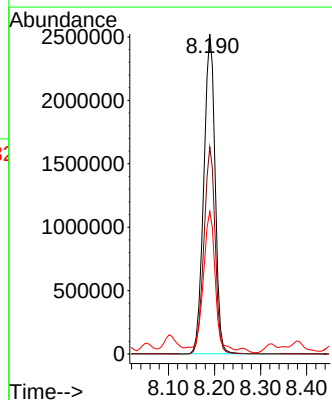
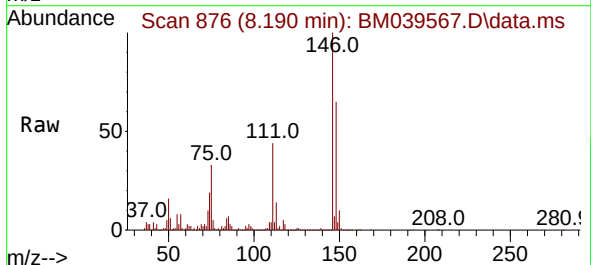
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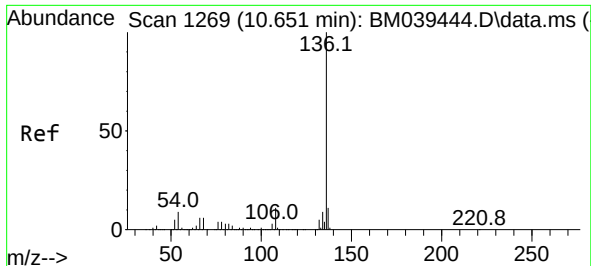
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023



#14
1,2-Dichlorobenzene
Concen: 430.063 ng
RT: 8.190 min Scan# 876
Delta R.T. 0.018 min
Lab File: BM039567.D
Acq: 22 Apr 2023 00:41

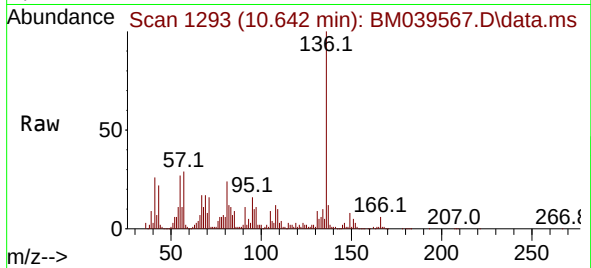
Tgt Ion:146 Resp: 4329551
Ion Ratio Lower Upper
146 100
148 64.7 51.4 77.2
111 44.5 34.3 51.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.642 min Scan# 1014
Delta R.T. 0.012 min
Lab File: BM039567.D
Acq: 22 Apr 2023 00:41

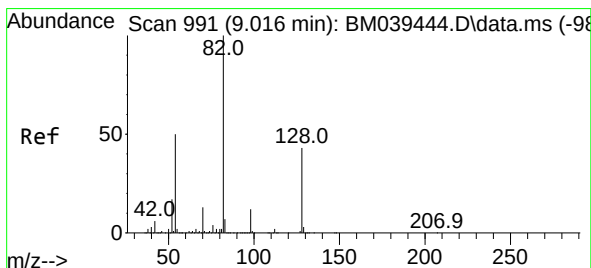
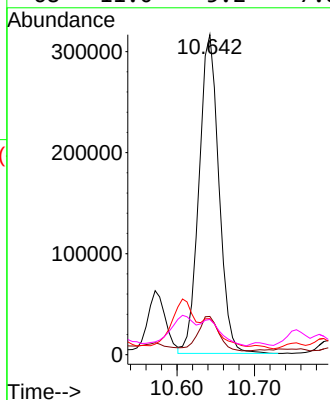
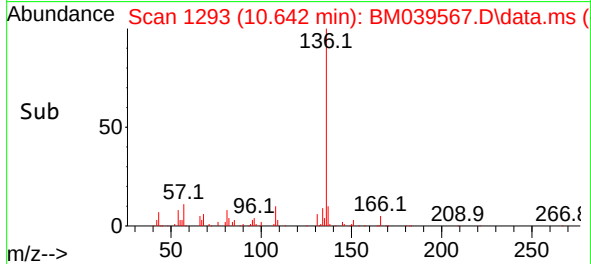
Instrument :
BNA_M
ClientSampleId :
SPA-5WC-23-04



Tgt Ion:136 Resp: 561539
Ion Ratio Lower Upper
136 100
137 12.0 8.6 13.0
54 11.3 6.9 10.3
68 11.0 5.2 7.8#

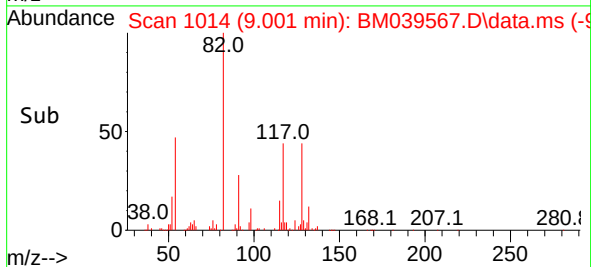
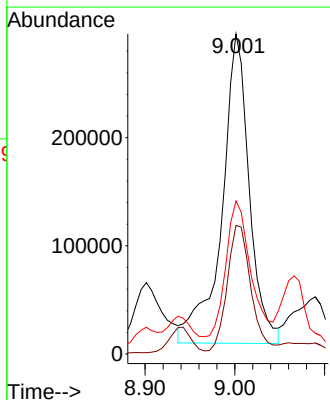
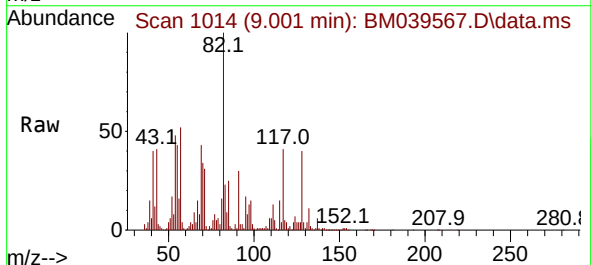
Manual Integrations
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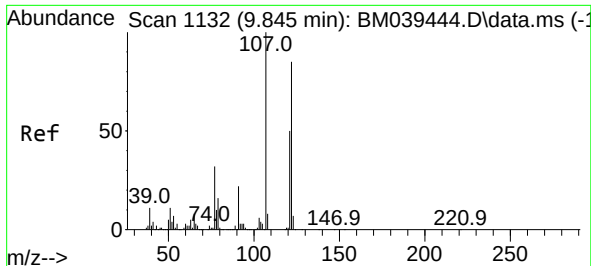
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023



#23
Nitrobenzene-d5
Concen: 53.000 ng
RT: 9.001 min Scan# 1014
Delta R.T. 0.006 min
Lab File: BM039567.D
Acq: 22 Apr 2023 00:41

Tgt Ion: 82 Resp: 607747
Ion Ratio Lower Upper
82 100
128 40.2 34.2 51.2
54 47.8 39.7 59.5





#27

2,4-Dimethylphenol

Concen: 20.285 ng

RT: 9.831 min Scan# 1132

Delta R.T. 0.012 min

Lab File: BM039567.D

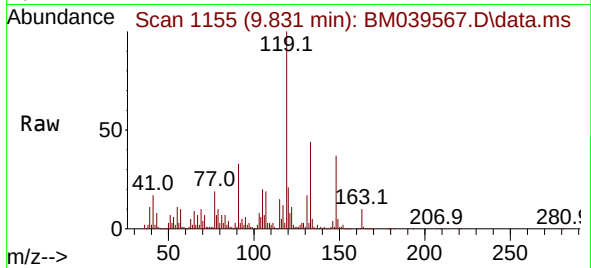
Acq: 22 Apr 2023 00:41

Instrument :

BNA_M

ClientSampleId :

SPA-5WC-23-04



Tgt Ion:122 Resp: 178659

Ion Ratio Lower Upper

122 100

107 180.7 94.3 141.5

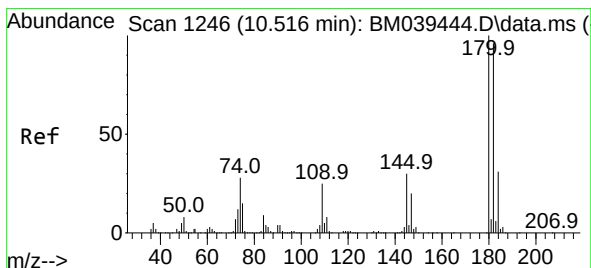
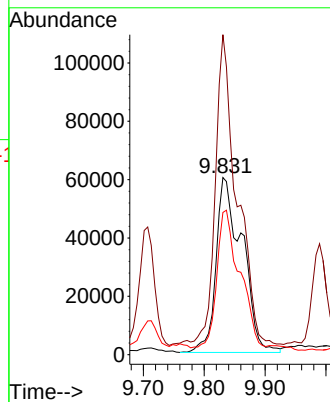
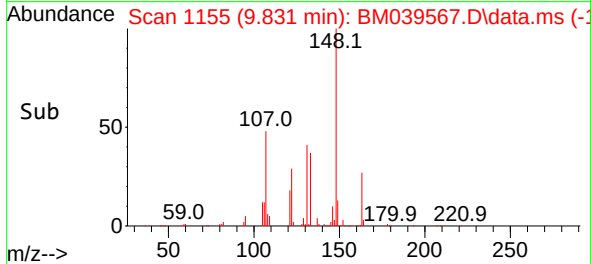
121 80.3 46.7 70.1

Manual Integrations

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#30

1,2,4-Trichlorobenzene

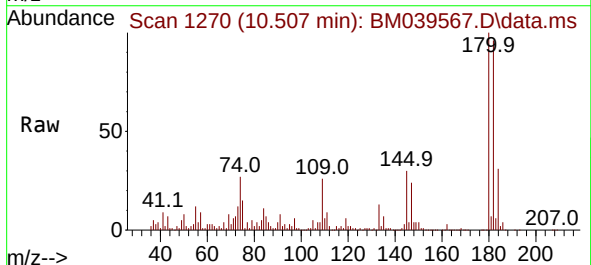
Concen: 197.251 ng

RT: 10.507 min Scan# 1270

Delta R.T. 0.018 min

Lab File: BM039567.D

Acq: 22 Apr 2023 00:41



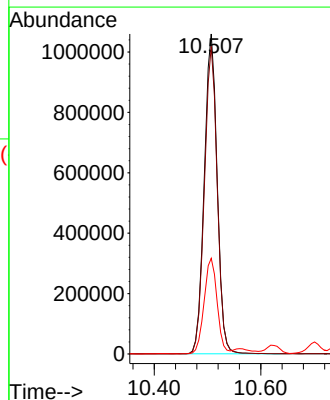
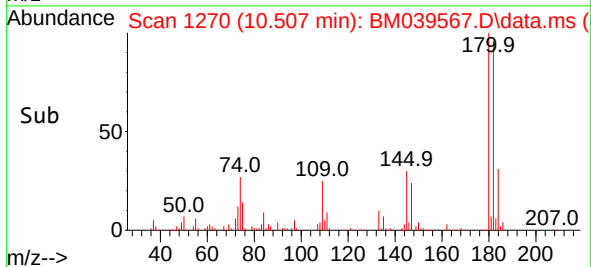
Tgt Ion:180 Resp: 1780452

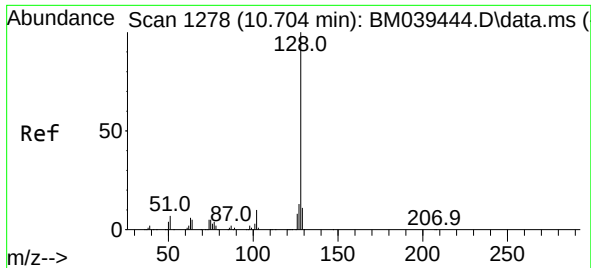
Ion Ratio Lower Upper

180 100

182 96.1 76.5 114.7

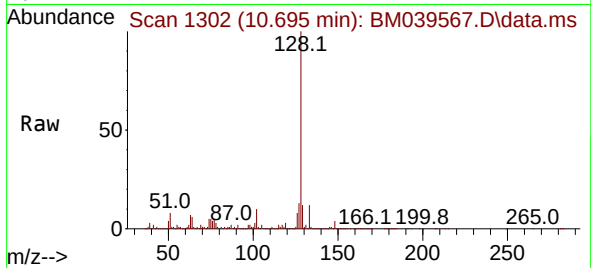
145 29.9 24.2 36.4





#31
Naphthalene
Concen: 246.945 ng
RT: 10.695 min Scan# 11
Delta R.T. 0.018 min
Lab File: BM039567.D
Acq: 22 Apr 2023 00:41

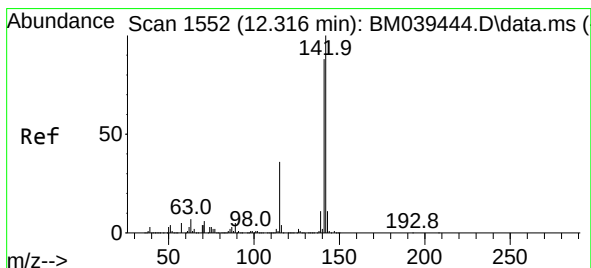
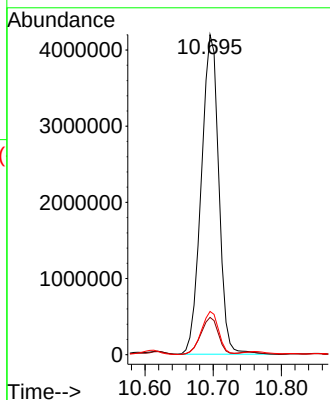
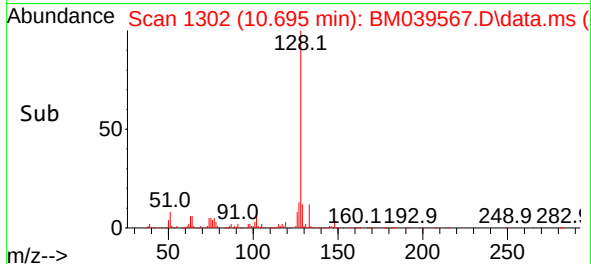
Instrument :
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SPA-5WC-23-04



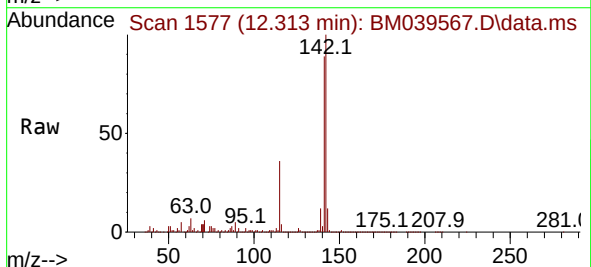
Tgt Ion:128 Resp: 7492764
Ion Ratio Lower Upper
128 100
129 11.6 8.6 12.8
127 13.5 10.3 15.5

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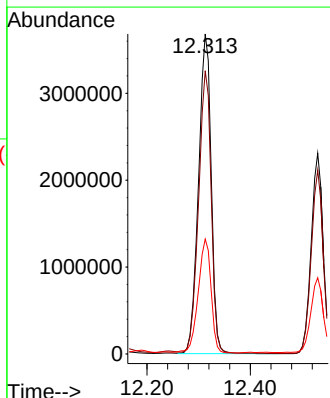
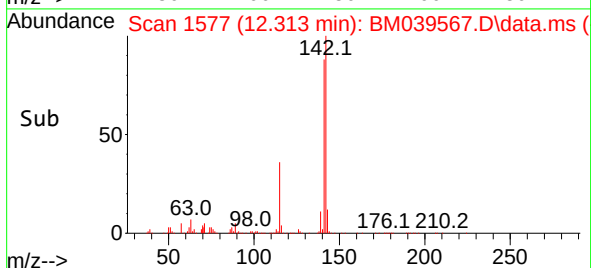
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023

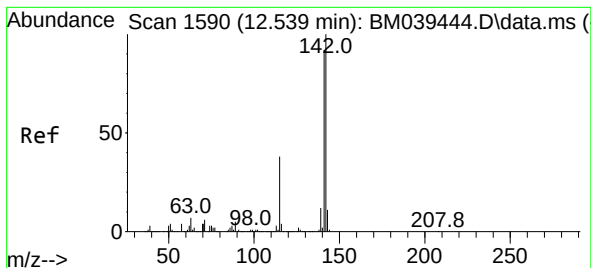


#37
2-Methylnaphthalene
Concen: 280.444 ng
RT: 12.313 min Scan# 1577
Delta R.T. 0.018 min
Lab File: BM039567.D
Acq: 22 Apr 2023 00:41



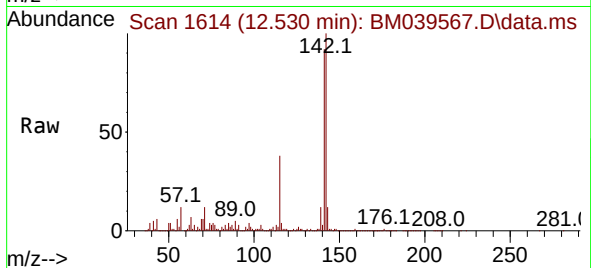
Tgt Ion:142 Resp: 6253347
Ion Ratio Lower Upper
142 100
141 88.5 70.4 105.6
115 35.9 28.8 43.2





#38
1-Methylnaphthalene
Concen: 175.553 ng
RT: 12.530 min Scan# 1
Delta R.T. 0.018 min
Lab File: BM039567.D
Acq: 22 Apr 2023 00:41

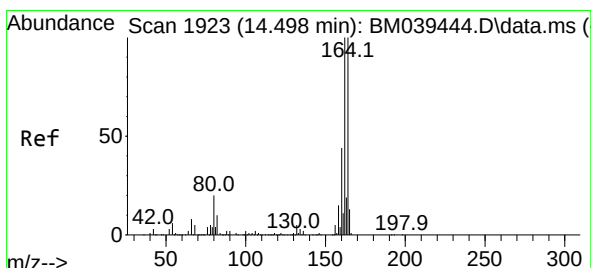
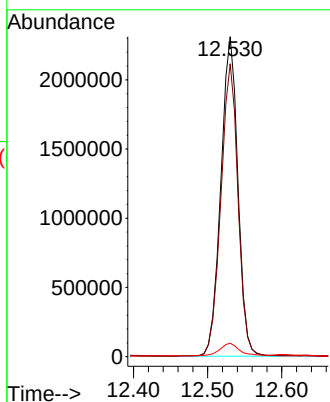
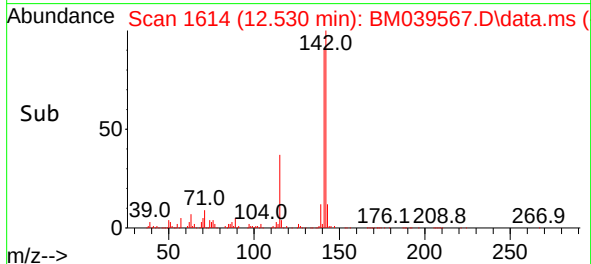
Instrument :
BNA_M
ClientSampleId :
SPA-5WC-23-04



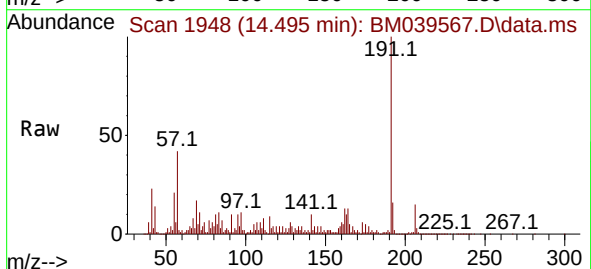
Tgt Ion:142 Resp: 3688718
Ion Ratio Lower Upper
142 100
141 91.5 73.3 109.9
116 4.2 3.1 4.7

Manual Integrations
APPROVED

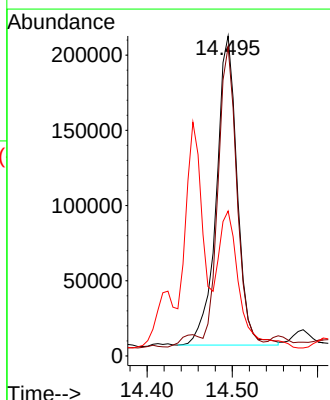
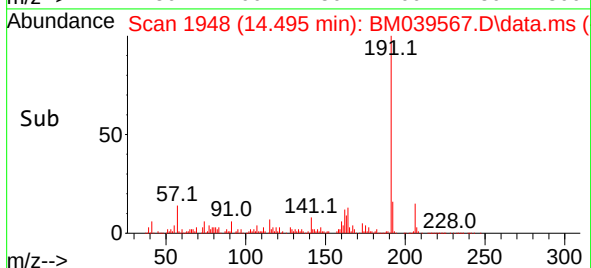
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023

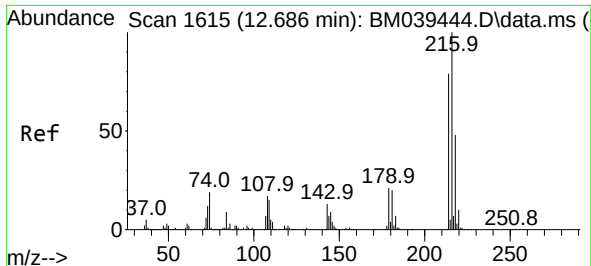


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.495 min Scan# 1948
Delta R.T. 0.018 min
Lab File: BM039567.D
Acq: 22 Apr 2023 00:41



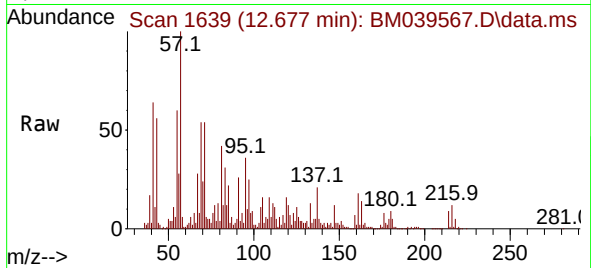
Tgt Ion:164 Resp: 348852
Ion Ratio Lower Upper
164 100
162 96.7 79.8 119.8
160 45.3 35.0 52.4





#40
1,2,4,5-Tetrachlorobenzene
Concen: 5.408 ng
RT: 12.677 min Scan# 1
Delta R.T. 0.012 min
Lab File: BM039567.D
Acq: 22 Apr 2023 00:41

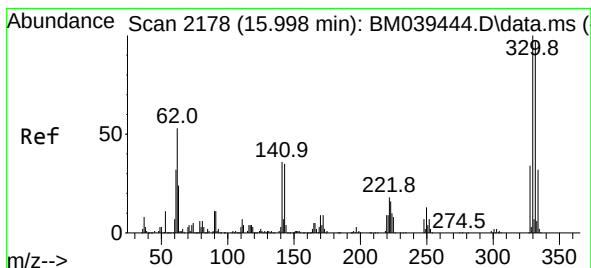
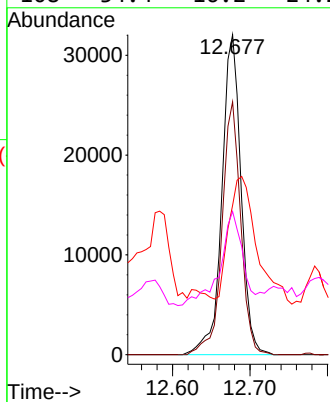
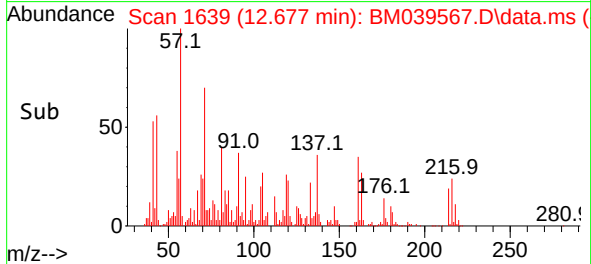
Instrument :
BNA_M
ClientSampleId :
SPA-5WC-23-04



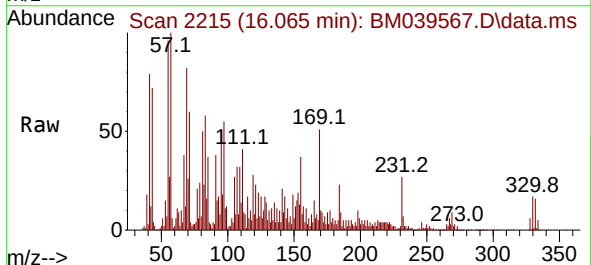
Tgt Ion: 216 Resp: 5503
Ion Ratio Lower Upper
216 100
214 77.1 63.0 94.6
179 58.3 16.8 25.2
108 34.4 16.2 24.2#

Manual Integrations
APPROVED

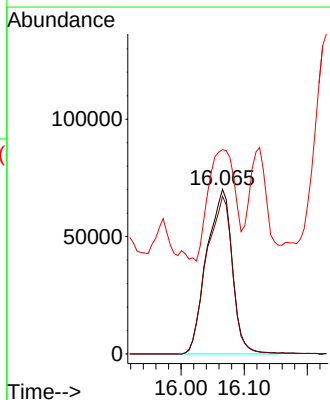
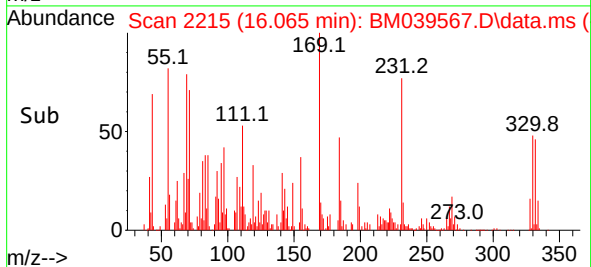
Reviewed By : Christian Giraldo 04/24/2023
Supervised By : Jagrut Upadhyay 04/24/2023

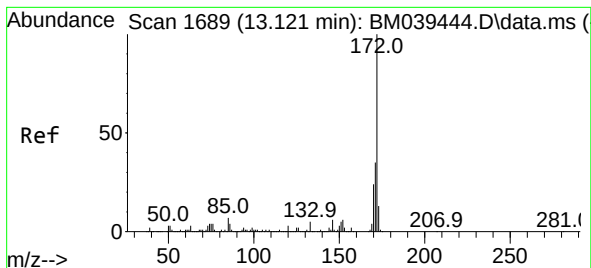


#42
2,4,6-Tribromophenol
Concen: 43.646 ng
RT: 16.065 min Scan# 2215
Delta R.T. 0.088 min
Lab File: BM039567.D
Acq: 22 Apr 2023 00:41



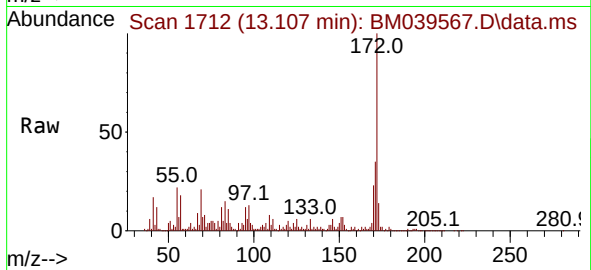
Tgt Ion: 330 Resp: 197578
Ion Ratio Lower Upper
330 100
332 97.1 77.4 116.2
141 74.2 31.0 46.6#





#45
2-Fluorobiphenyl
Concen: 40.065 ng
RT: 13.107 min Scan# 1712
Delta R.T. 0.006 min
Lab File: BM039567.D
Acq: 22 Apr 2023 00:41

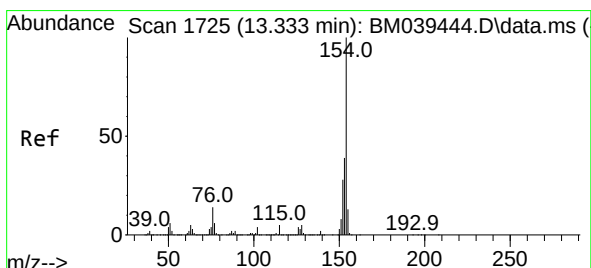
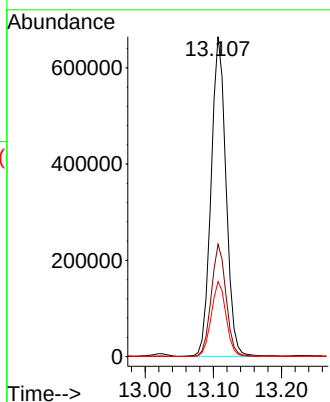
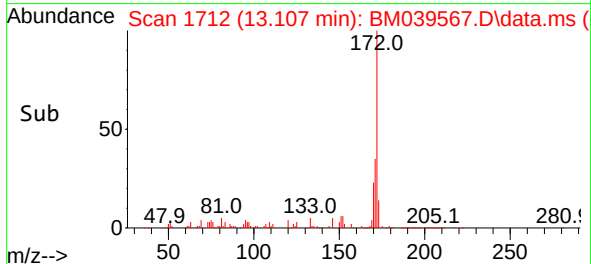
Instrument :
BNA_M
ClientSampleId :
SPA-5WC-23-04



Tgt Ion:172 Resp: 1010159
Ion Ratio Lower Upper
172 100
171 35.1 27.8 41.8
170 23.4 19.0 28.4

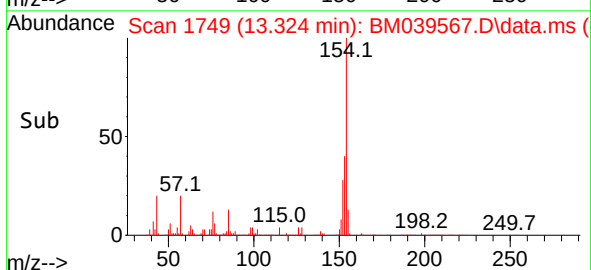
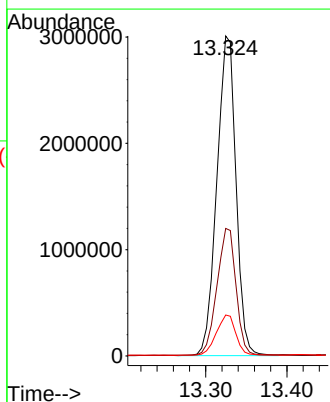
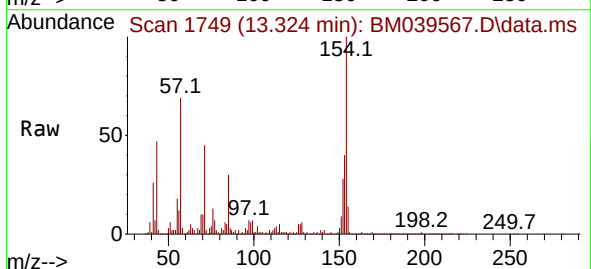
Manual Integrations
APPROVED

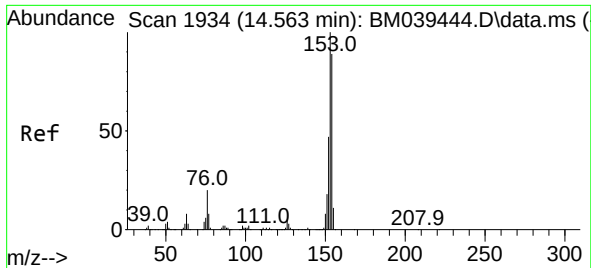
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023



#46
1,1'-Biphenyl
Concen: 183.484 ng
RT: 13.324 min Scan# 1749
Delta R.T. 0.012 min
Lab File: BM039567.D
Acq: 22 Apr 2023 00:41

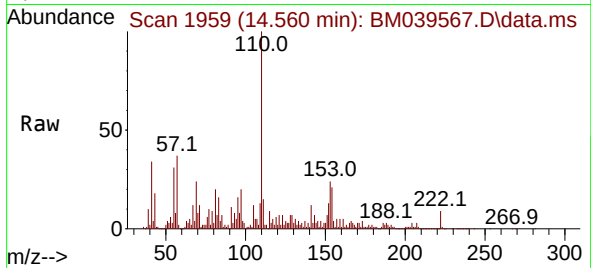
Tgt Ion:154 Resp: 4931283
Ion Ratio Lower Upper
154 100
153 39.9 19.5 59.5
76 12.8 0.0 34.1





#52
Acenaphthene
Concen: 15.701 ng
RT: 14.560 min Scan# 1934
Delta R.T. 0.018 min
Lab File: BM039567.D
Acq: 22 Apr 2023 00:41

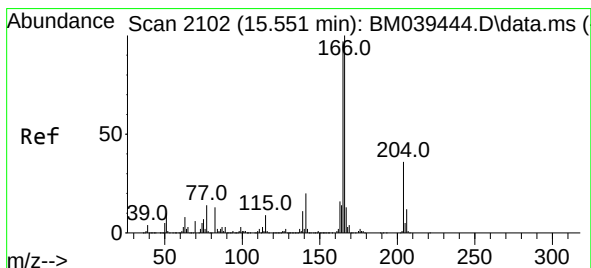
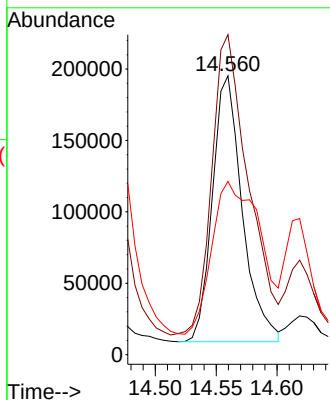
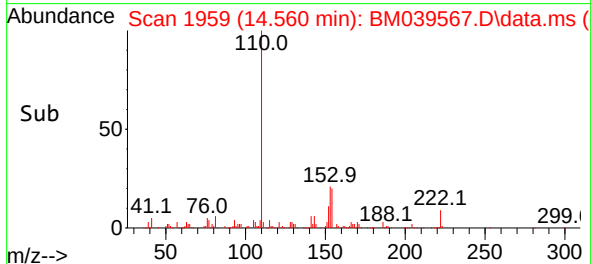
Instrument :
BNA_M
ClientSampleId :
SPA-5WC-23-04



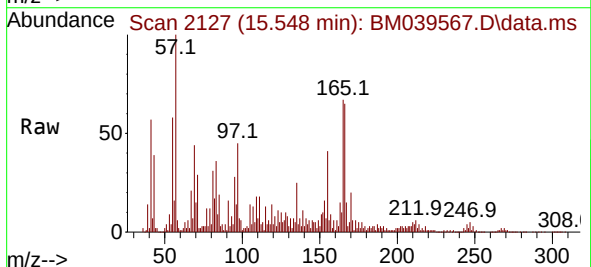
Tgt Ion:154 Resp: 31769
Ion Ratio Lower Upper
154 100
153 114.7 89.8 134.8
152 62.1 42.7 64.1

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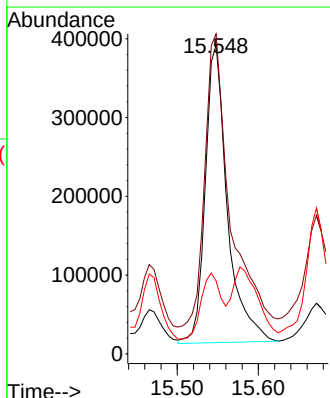
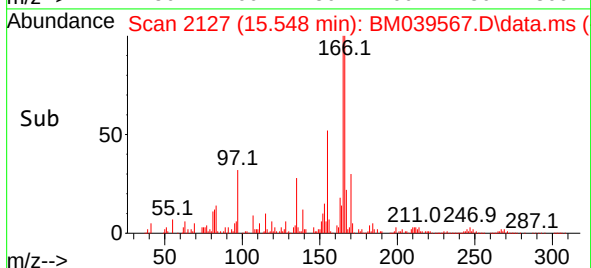
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023

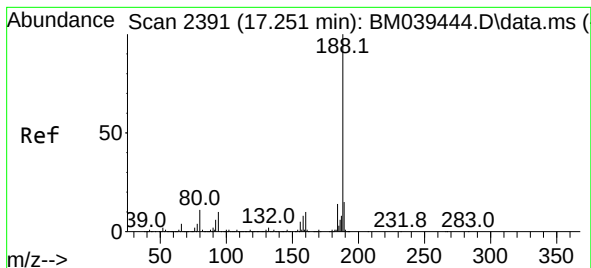


#58
Fluorene
Concen: 26.999 ng
RT: 15.548 min Scan# 2127
Delta R.T. 0.018 min
Lab File: BM039567.D
Acq: 22 Apr 2023 00:41



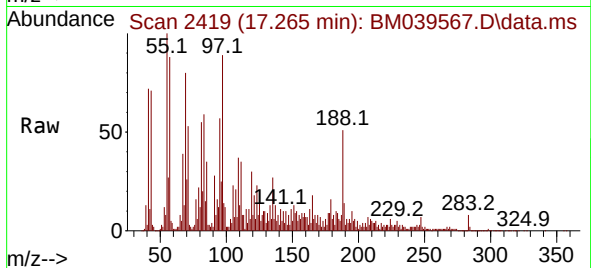
Tgt Ion:166 Resp: 711993
Ion Ratio Lower Upper
166 100
165 103.6 77.4 116.0
167 23.6 10.6 15.8#





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.265 min Scan# 2419
Delta R.T. 0.035 min
Lab File: BM039567.D
Acq: 22 Apr 2023 00:41

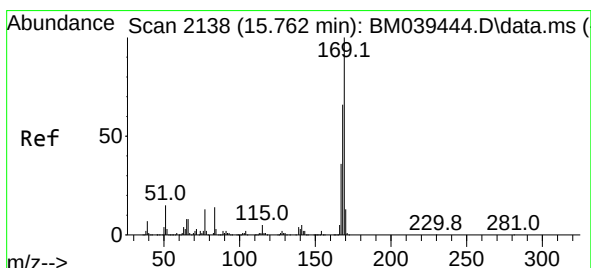
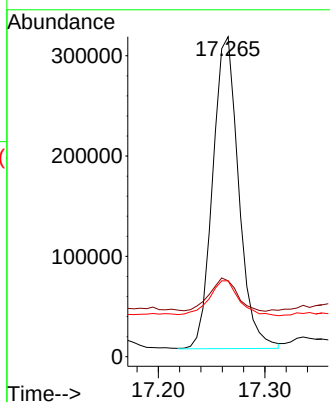
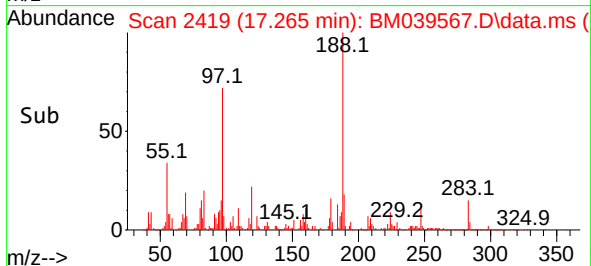
Instrument :
BNA_M
ClientSampleId :
SPA-5WC-23-04



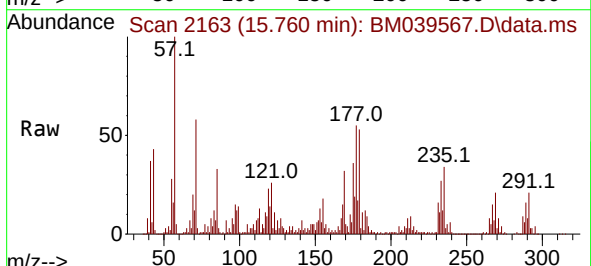
Tgt Ion:188 Resp: 525400
Ion Ratio Lower Upper
188 100
94 23.7 7.9 11.9#
80 23.7 8.9 13.3#

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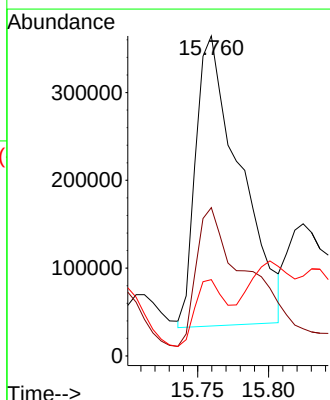
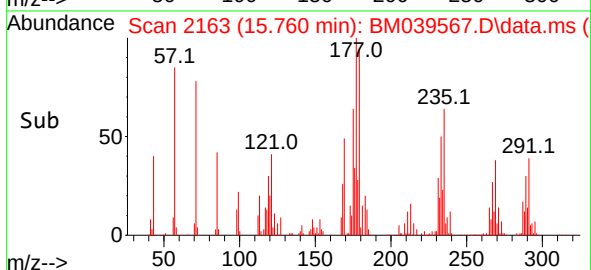
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023

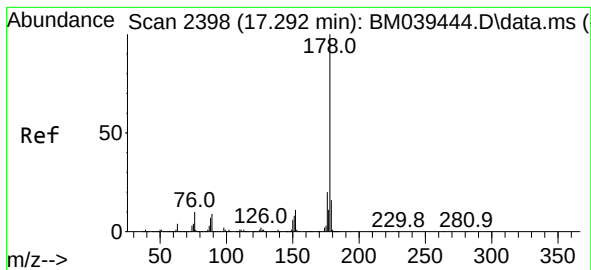


#66
n-Nitrosodiphenylamine
Concen: 44.998 ng
RT: 15.760 min Scan# 2163
Delta R.T. 0.012 min
Lab File: BM039567.D
Acq: 22 Apr 2023 00:41



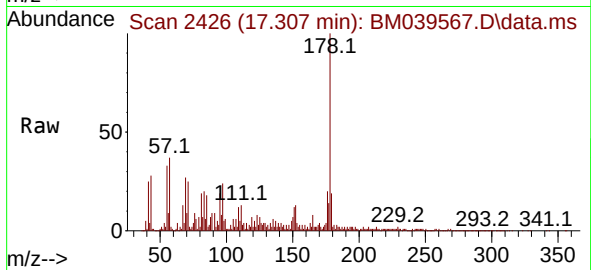
Tgt Ion:169 Resp: 716783
Ion Ratio Lower Upper
169 100
168 46.3 52.6 79.0#
167 23.8 29.0 43.4#





#71
Phenanthrene
Concen: 97.937 ng
RT: 17.307 min Scan# 241
Delta R.T. 0.029 min
Lab File: BM039567.D
Acq: 22 Apr 2023 00:41

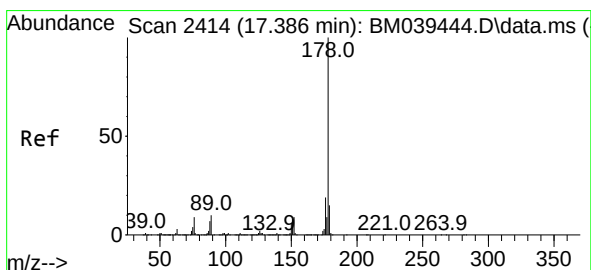
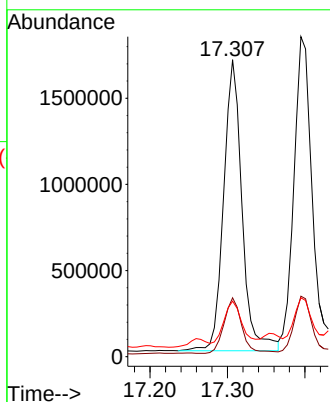
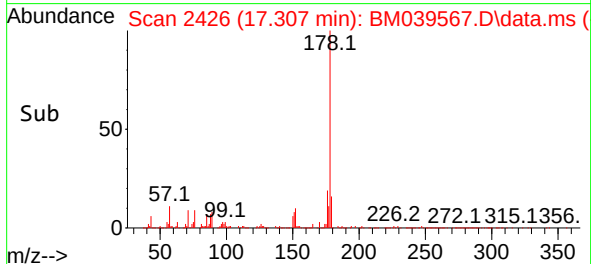
Instrument :
BNA_M
ClientSampleId :
SPA-5WC-23-04



Tgt Ion:178 Resp: 2790308
Ion Ratio Lower Upper
178 100
176 19.8 15.6 23.4
179 18.7 12.5 18.7

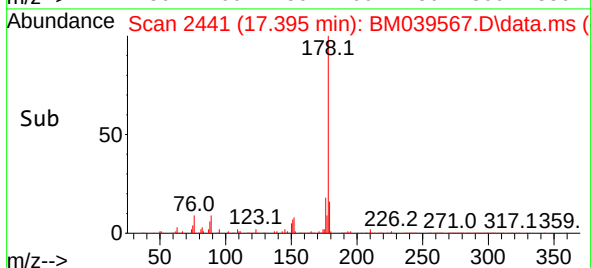
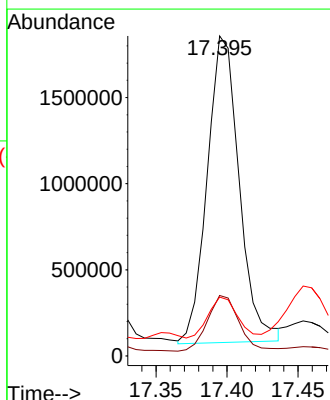
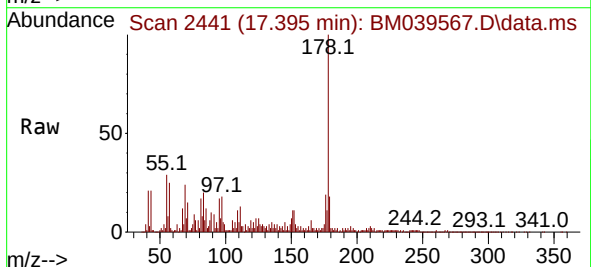
Manual Integrations
APPROVED

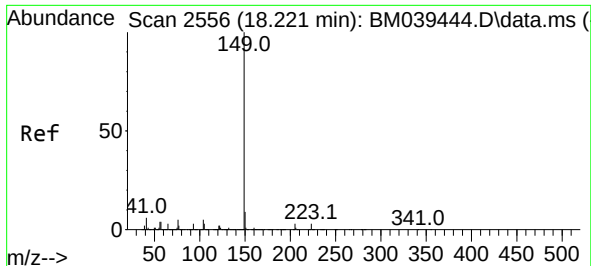
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023



#72
Anthracene
Concen: 95.471 ng
RT: 17.395 min Scan# 2441
Delta R.T. 0.029 min
Lab File: BM039567.D
Acq: 22 Apr 2023 00:41

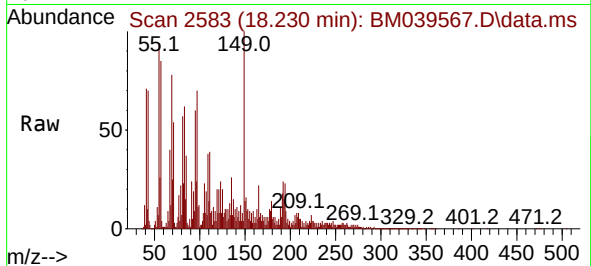
Tgt Ion:178 Resp: 2790156
Ion Ratio Lower Upper
178 100
176 18.9 15.2 22.8
179 18.4 12.2 18.4#





#74
Di-n-butylphthalate
Concen: 36.445 ng
RT: 18.230 min Scan# 21
Delta R.T. 0.029 min
Lab File: BM039567.D
Acq: 22 Apr 2023 00:41

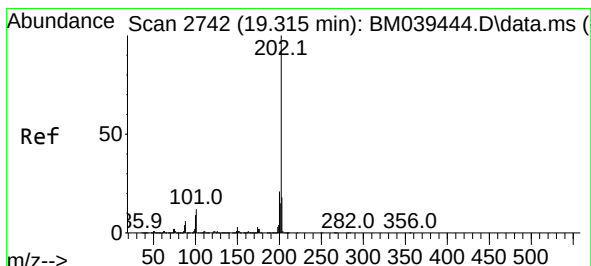
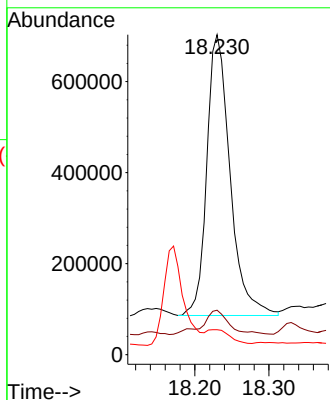
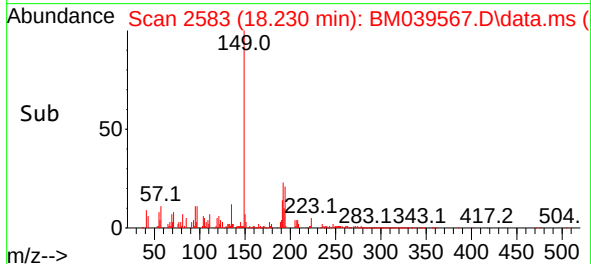
Instrument :
BNA_M
ClientSampleId :
SPA-5WC-23-04



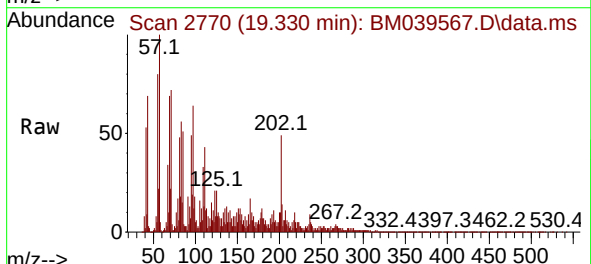
Tgt Ion:149 Resp: 1346640
Ion Ratio Lower Upper
149 100
150 13.9 7.4 11.2
104 7.8 4.1 6.1

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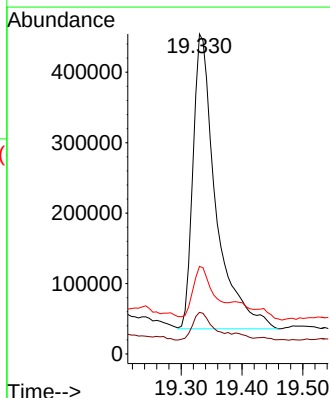
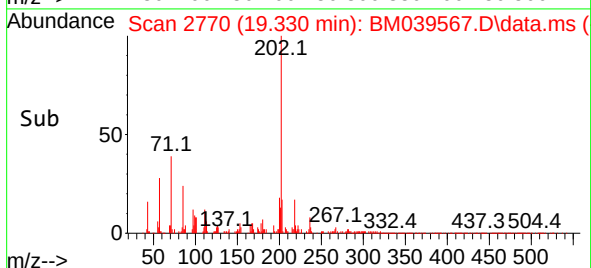
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023

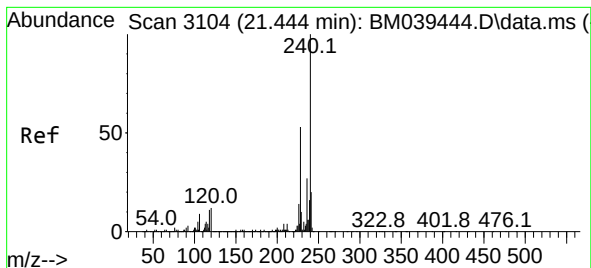


#75
Fluoranthene
Concen: 31.722 ng
RT: 19.330 min Scan# 2770
Delta R.T. 0.035 min
Lab File: BM039567.D
Acq: 22 Apr 2023 00:41



Tgt Ion:202 Resp: 1096484
Ion Ratio Lower Upper
202 100
101 13.0 0.0 32.1
203 27.3 0.0 37.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.477 min Scan# 3104

Delta R.T. 0.053 min

Lab File: BM039567.D

Acq: 22 Apr 2023 00:41

Instrument :

BNA_M

ClientSampleId :

SPA-5WC-23-04

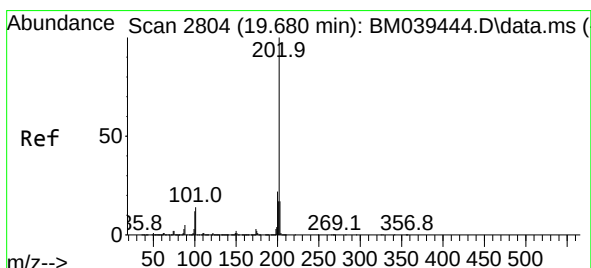
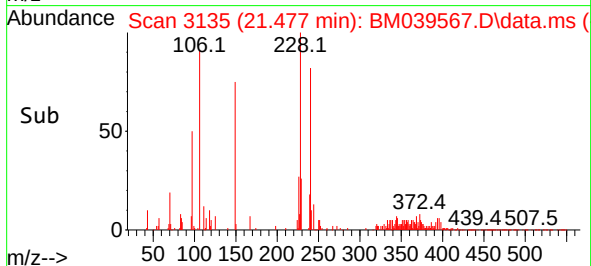
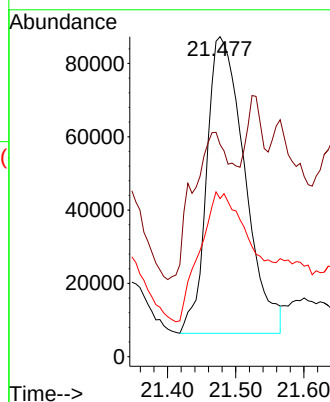
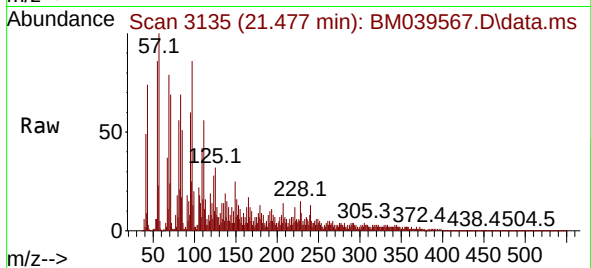
Tgt Ion:240 Resp: 313069

Ion	Ratio	Lower	Upper
240	100		
120	66.3	9.4	14.2
236	49.4	21.2	31.8

Manual Integrations

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



#78

Pyrene

Concen: 52.947 ng

RT: 19.701 min Scan# 2833

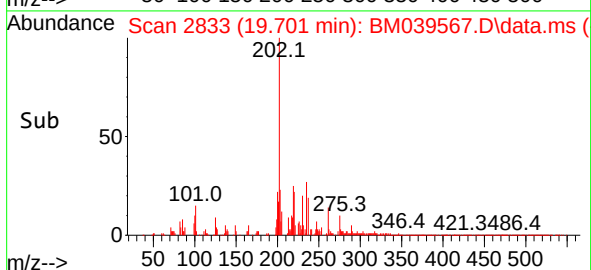
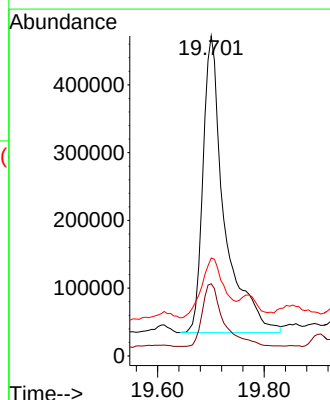
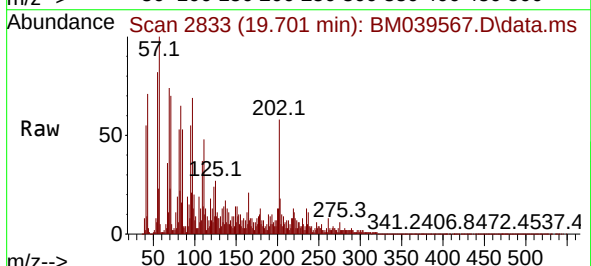
Delta R.T. 0.041 min

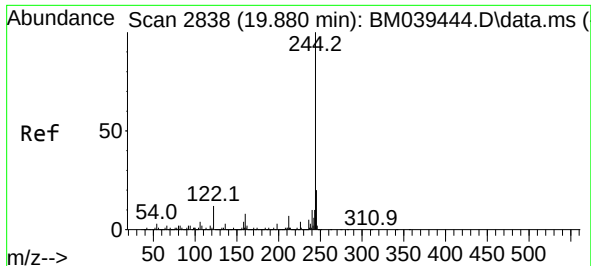
Lab File: BM039567.D

Acq: 22 Apr 2023 00:41

Tgt Ion:202 Resp: 1219017

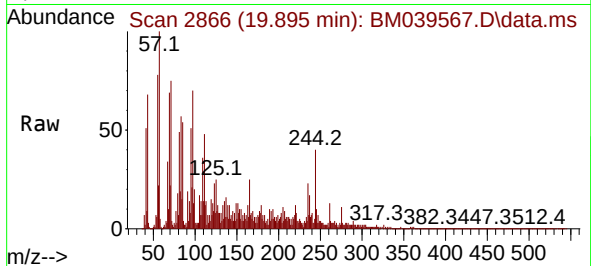
Ion	Ratio	Lower	Upper
202	100		
200	22.5	17.2	25.8
203	30.6	13.9	20.9





#79
 Terphenyl-d14
 Concen: 48.358 ng
 RT: 19.895 min Scan# 2866
 Delta R.T. 0.029 min
 Lab File: BM039567.D
 Acq: 22 Apr 2023 00:41

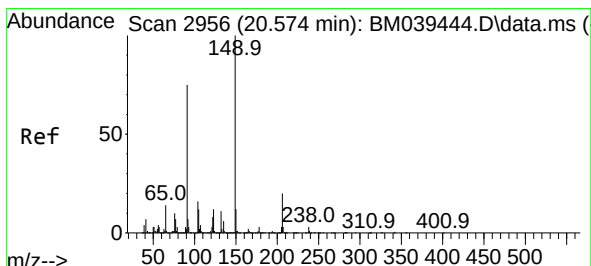
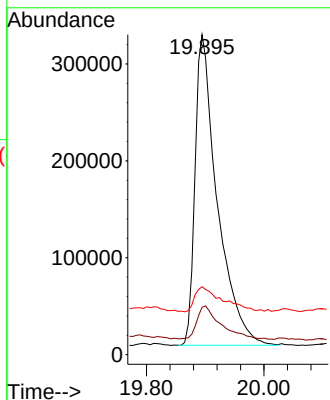
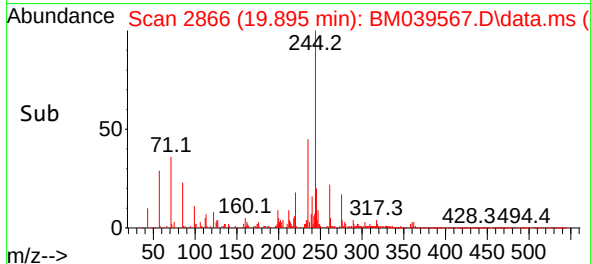
Instrument :
 BNA_M
 ClientSampleId :
 SPA-5WC-23-04



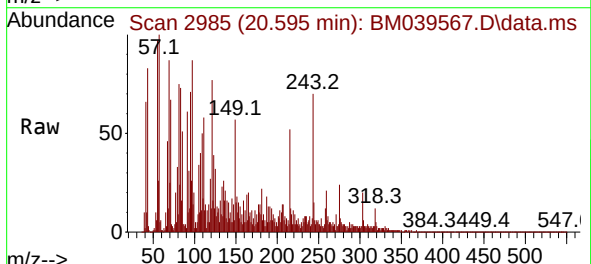
Tgt Ion:244 Resp: 839199
 Ion Ratio Lower Upper
 244 100
 212 14.8 5.8 8.8#
 122 21.2 9.5 14.3#

Manual Integrations
 APPROVED

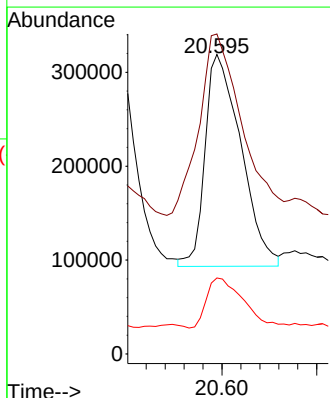
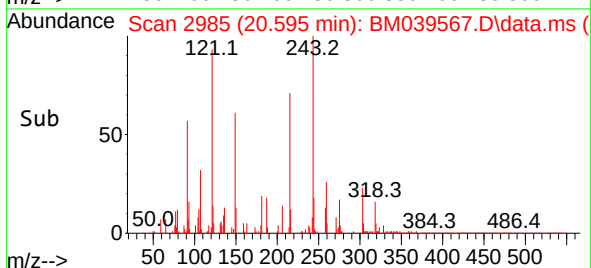
Reviewed By :Christian Giraldo 04/24/2023
 Supervised By :Jagrut Upadhyay 04/24/2023

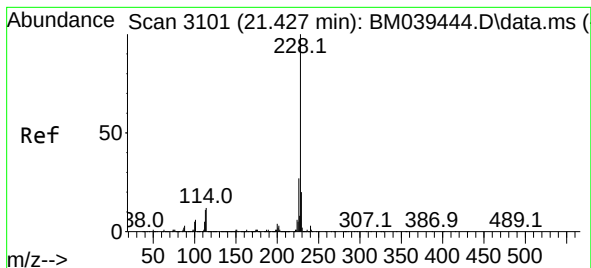


#80
 Butylbenzylphthalate
 Concen: 51.932 ng
 RT: 20.595 min Scan# 2985
 Delta R.T. 0.035 min
 Lab File: BM039567.D
 Acq: 22 Apr 2023 00:41



Tgt Ion:149 Resp: 592900
 Ion Ratio Lower Upper
 149 100
 91 106.8 59.9 89.9#
 206 25.3 15.8 23.8#





#81

Benzo(a)anthracene

Concen: 19.114 ng m

RT: 21.500 min Scan# 3101

Delta R.T. 0.088 min

Lab File: BM039567.D

Acq: 22 Apr 2023 00:41

Instrument :

BNA_M

ClientSampleId :

SPA-5WC-23-04

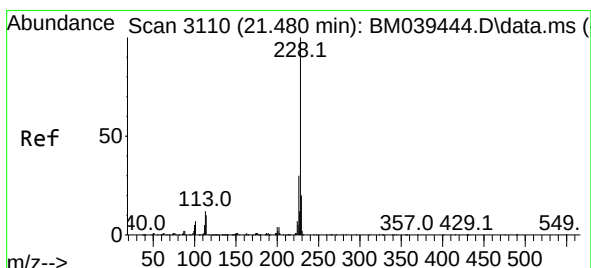
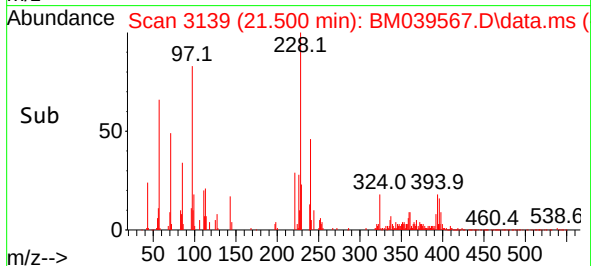
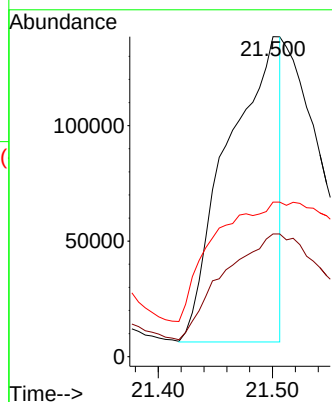
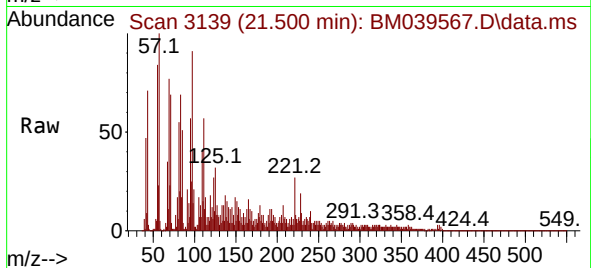
Tgt Ion:228 Resp: 424949

Ion	Ratio	Lower	Upper
228	100		
226	38.3	21.8	32.8
229	48.3	15.9	23.9

Manual Integrations

APPROVED

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



#83

Chrysene

Concen: 12.898 ng m

RT: 21.506 min Scan# 3140

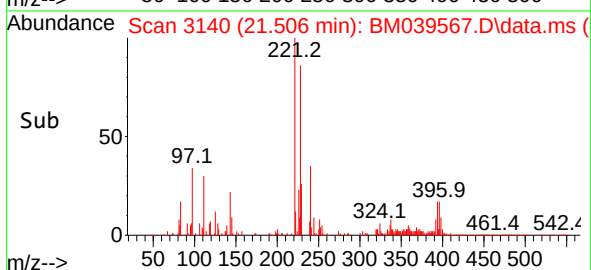
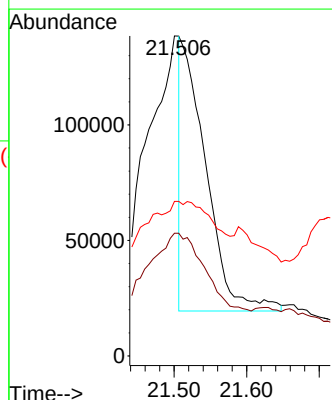
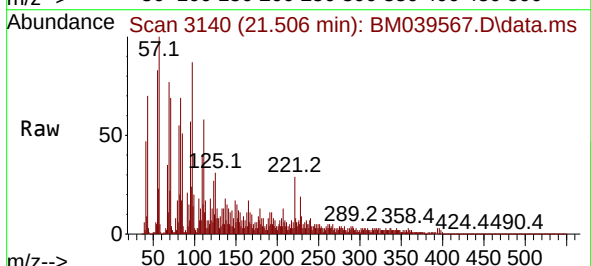
Delta R.T. 0.041 min

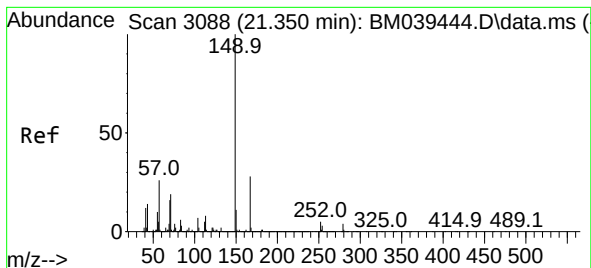
Lab File: BM039567.D

Acq: 22 Apr 2023 00:41

Tgt Ion:228 Resp: 277952

Ion	Ratio	Lower	Upper
228	100		
226	38.3	24.0	36.0
229	48.3	16.0	24.0





#84

Bis(2-ethylhexyl)phthalate

Concen: 1012.772 ng

RT: 21.412 min Scan# 3124

Delta R.T. 0.082 min

Lab File: BM039567.D

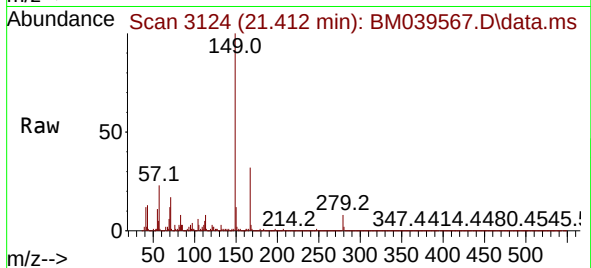
Acq: 22 Apr 2023 00:41

Instrument :

BNA_M

ClientSampleId :

SPA-5WC-23-04



Tgt Ion:149 Resp:1762554

Ion Ratio Lower Upper

149 100

167 32.1 22.3 33.5

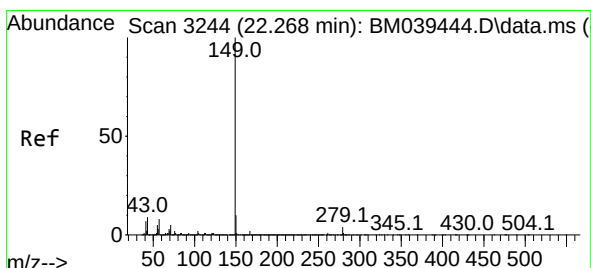
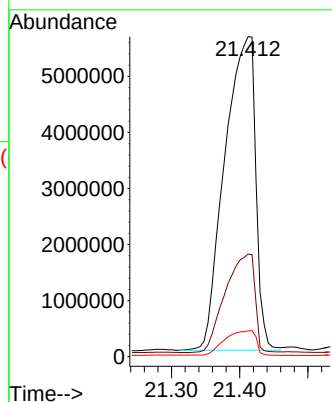
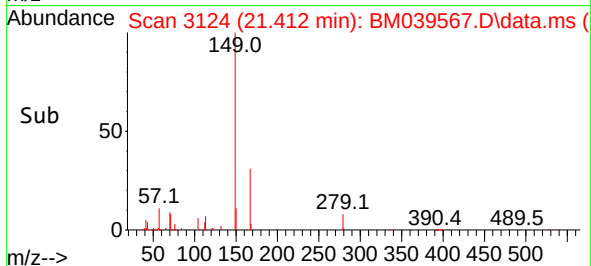
279 8.1 3.2 4.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/24/2023

Supervised By :Jagrut Upadhyay 04/24/2023



#85

Di-n-octyl phthalate

Concen: 101.383 ng

RT: 22.300 min Scan# 3275

Delta R.T. 0.053 min

Lab File: BM039567.D

Acq: 22 Apr 2023 00:41

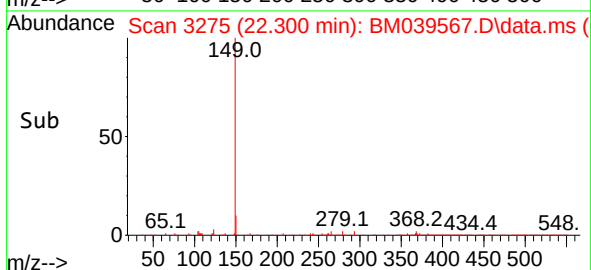
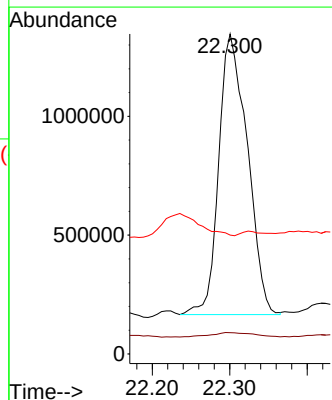
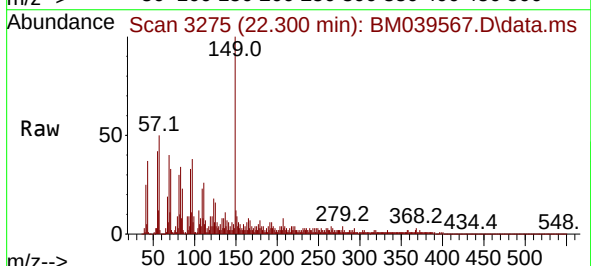
Tgt Ion:149 Resp: 3034076

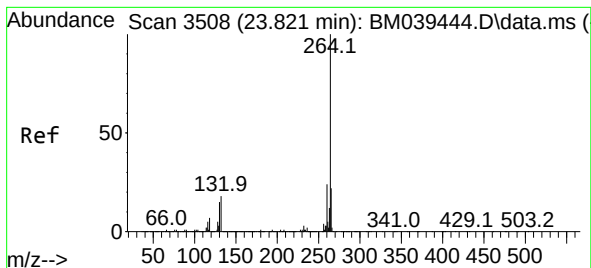
Ion Ratio Lower Upper

149 100

167 2.1 1.2 1.8#

43 0.0 7.1 10.7#





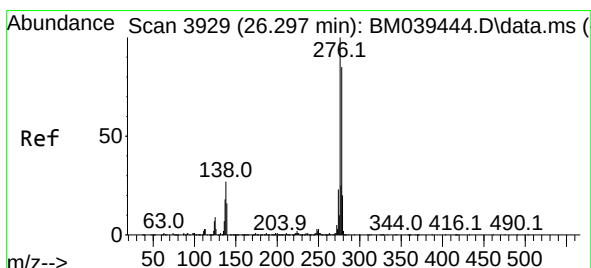
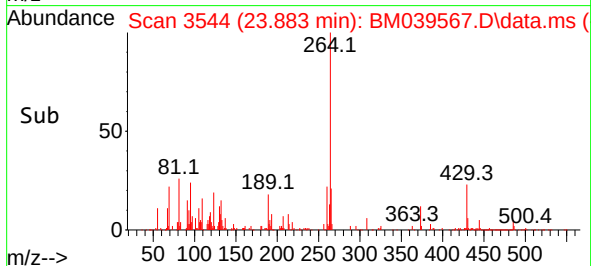
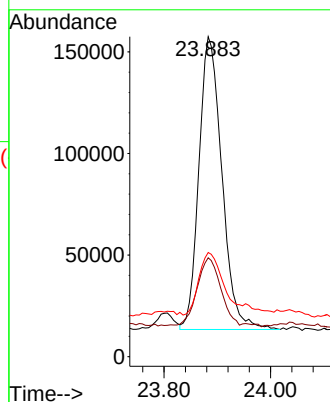
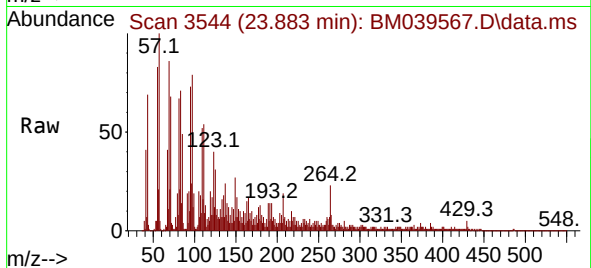
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.883 min Scan# 3544
Delta R.T. 0.094 min
Lab File: BM039567.D
Acq: 22 Apr 2023 00:41

Instrument :
BNA_M
ClientSampleId :
SPA-5WC-23-04

Tgt Ion:264 Resp: 431998
Ion Ratio Lower Upper
264 100
260 30.9 19.0 28.6
265 32.6 18.0 27.0

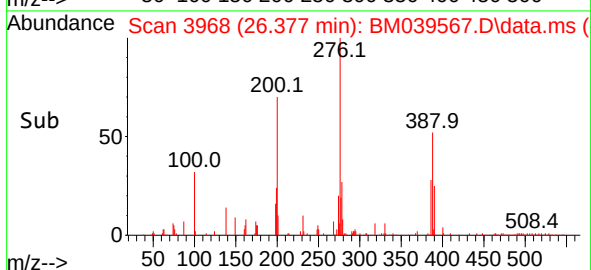
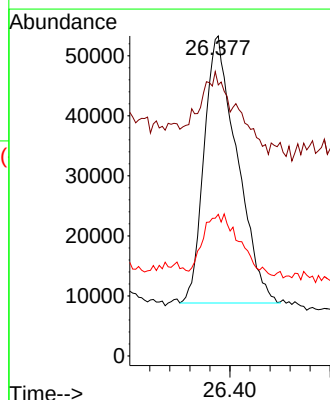
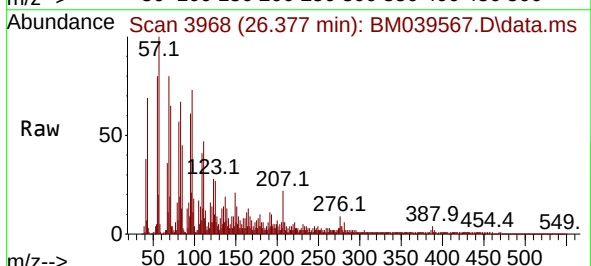
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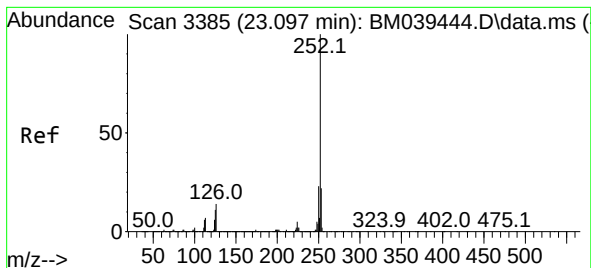
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023



#87
Indeno(1,2,3-cd)pyrene
Concen: 6.412 ng
RT: 26.377 min Scan# 3968
Delta R.T. 0.141 min
Lab File: BM039567.D
Acq: 22 Apr 2023 00:41

Tgt Ion:276 Resp: 203558
Ion Ratio Lower Upper
276 100
138 13.7 21.4 32.0
277 25.1 20.0 30.0





#88

Benzo(b)fluoranthene

Concen: 14.122 ng m

RT: 23.153 min Scan# 3420

Delta R.T. 0.082 min

Lab File: BM039567.D

Acq: 22 Apr 2023 00:41

Instrument :

BNA_M

ClientSampleId :

SPA-5WC-23-04

Tgt Ion:252 Resp: 37196

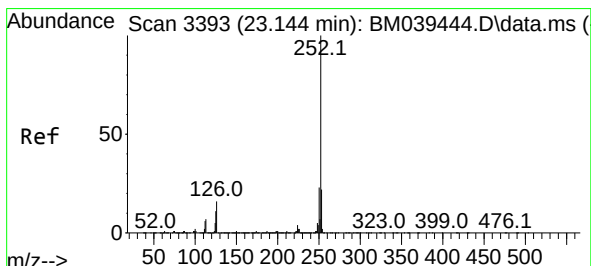
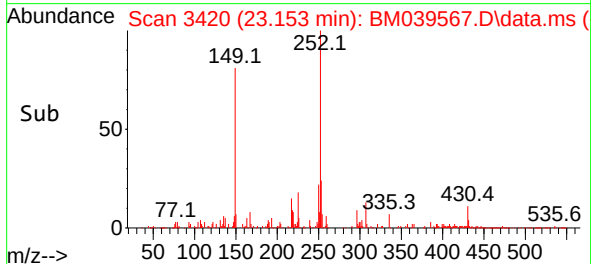
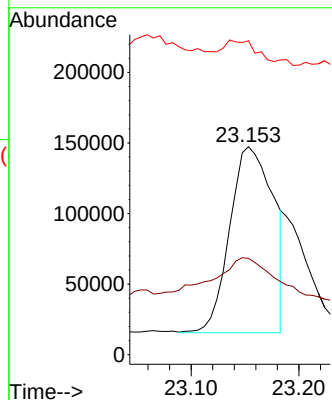
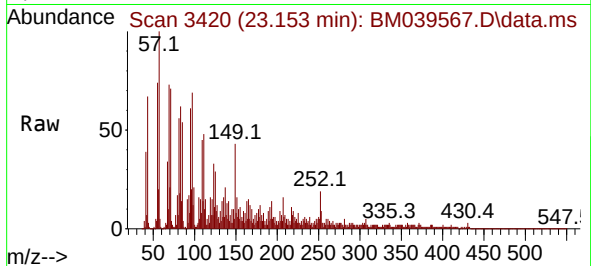
Ion	Ratio	Lower	Upper
252	100		
253	46.3	17.8	26.6
125	150.9	8.9	13.3

Manual Integrations

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Reviewed By :Christian Giraldo 04/24/2023

Supervised By :Jagrut Upadhyay 04/24/2023



#89

Benzo(k)fluoranthene

Concen: 4.988 ng m

RT: 23.183 min Scan# 3425

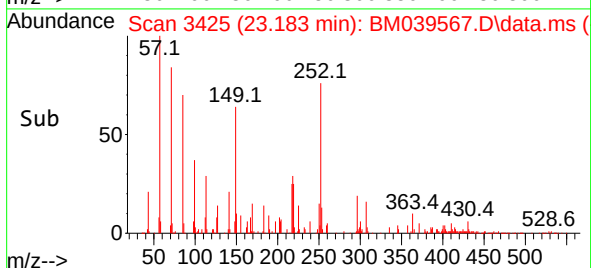
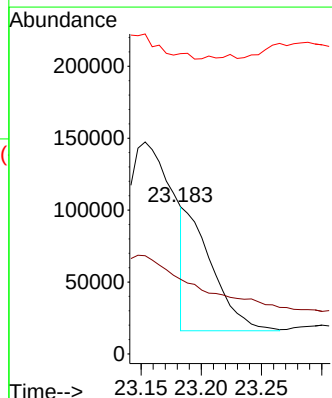
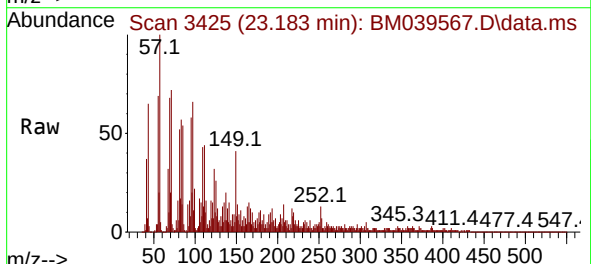
Delta R.T. 0.065 min

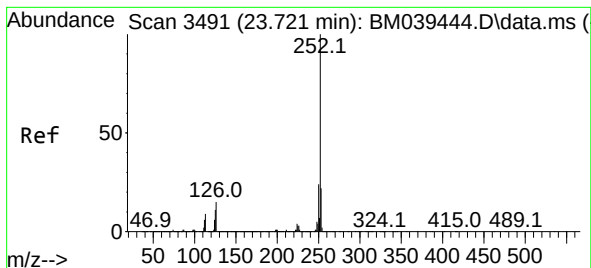
Lab File: BM039567.D

Acq: 22 Apr 2023 00:41

Tgt Ion:252 Resp: 137356

Ion	Ratio	Lower	Upper
252	100		
253	50.8	17.5	26.3
125	204.0	8.8	13.2





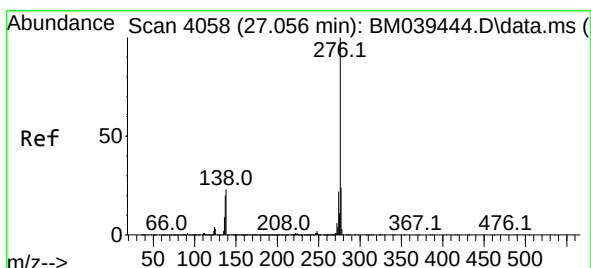
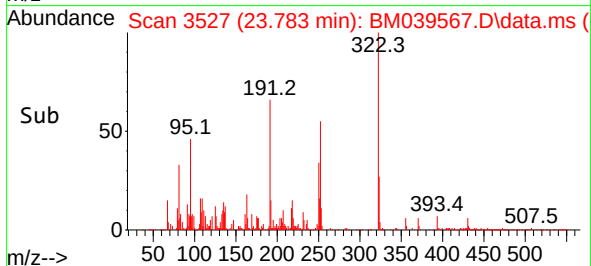
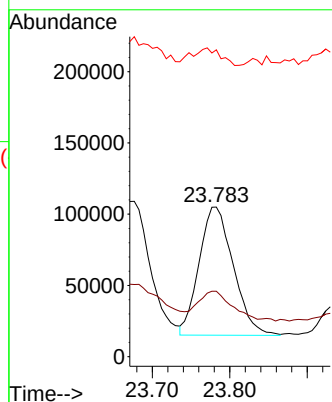
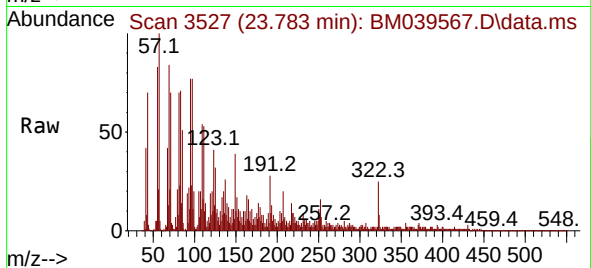
#90
Benzo(a)pyrene
Concen: 10.526 ng
RT: 23.783 min Scan# 30
Delta R.T. 0.100 min
Lab File: BM039567.D
Acq: 22 Apr 2023 00:41

Instrument :
BNA_M
ClientSampleId :
SPA-5WC-23-04

Tgt Ion:252 Resp: 27555
Ion Ratio Lower Upper
252 100
253 43.7 17.7 26.5
125 205.1 9.0 13.6

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



#92
Benzo(g,h,i)perylene
Concen: 9.958 ng
RT: 27.147 min Scan# 4099
Delta R.T. 0.159 min
Lab File: BM039567.D
Acq: 22 Apr 2023 00:41

Tgt Ion:276 Resp: 260435
Ion Ratio Lower Upper
276 100
277 39.5 19.1 28.7#
138 67.0 18.8 28.2#

