

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052422\
 Data File : BM035227.D
 Acq On : 24 May 2022 19:57
 Operator : CG/JU
 Sample : N2981-20
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-6(3-3.5)

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/25/2022
 Supervised By : Jagrut Upadhyay 05/25/2022

Quant Time: May 25 05:44:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 20 04:53:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.898	152	121643	20.000	ng	0.00
21) Naphthalene-d8	10.698	136	468910	20.000	ng	-0.01
39) Acenaphthene-d10	14.533	164	289605	20.000	ng	-0.01
64) Phenanthrene-d10	17.280	188	606937	20.000	ng	0.00
76) Chrysene-d12	21.462	240	638870	20.000	ng	#-0.01
86) Perylene-d12	23.850	264	698359	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	585527	84.921	ng	0.00
7) Phenol-d6	7.069	99	731461	82.177	ng	0.00
23) Nitrobenzene-d5	9.057	82	497163	57.255	ng	0.00
42) 2,4,6-Tribromophenol	16.027	330	290942	92.353	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	1141904	57.239	ng	0.00
79) Terphenyl-d14	19.903	244	1691768	51.272	ng	-0.01
Target Compounds						
						Qvalue
75) Fluoranthene	19.339	202	102580	2.762	ng	97
78) Pyrene	19.703	202	94947	2.247	ng	100
81) Benzo(a)anthracene	21.450	228	103534	2.429	ng	95
83) Chrysene	21.503	228	91593	2.249	ng	100
88) Benzo(b)fluoranthene	23.127	252	139892m	3.185	ng	
90) Benzo(a)pyrene	23.738	252	105871	2.901	ng	96

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

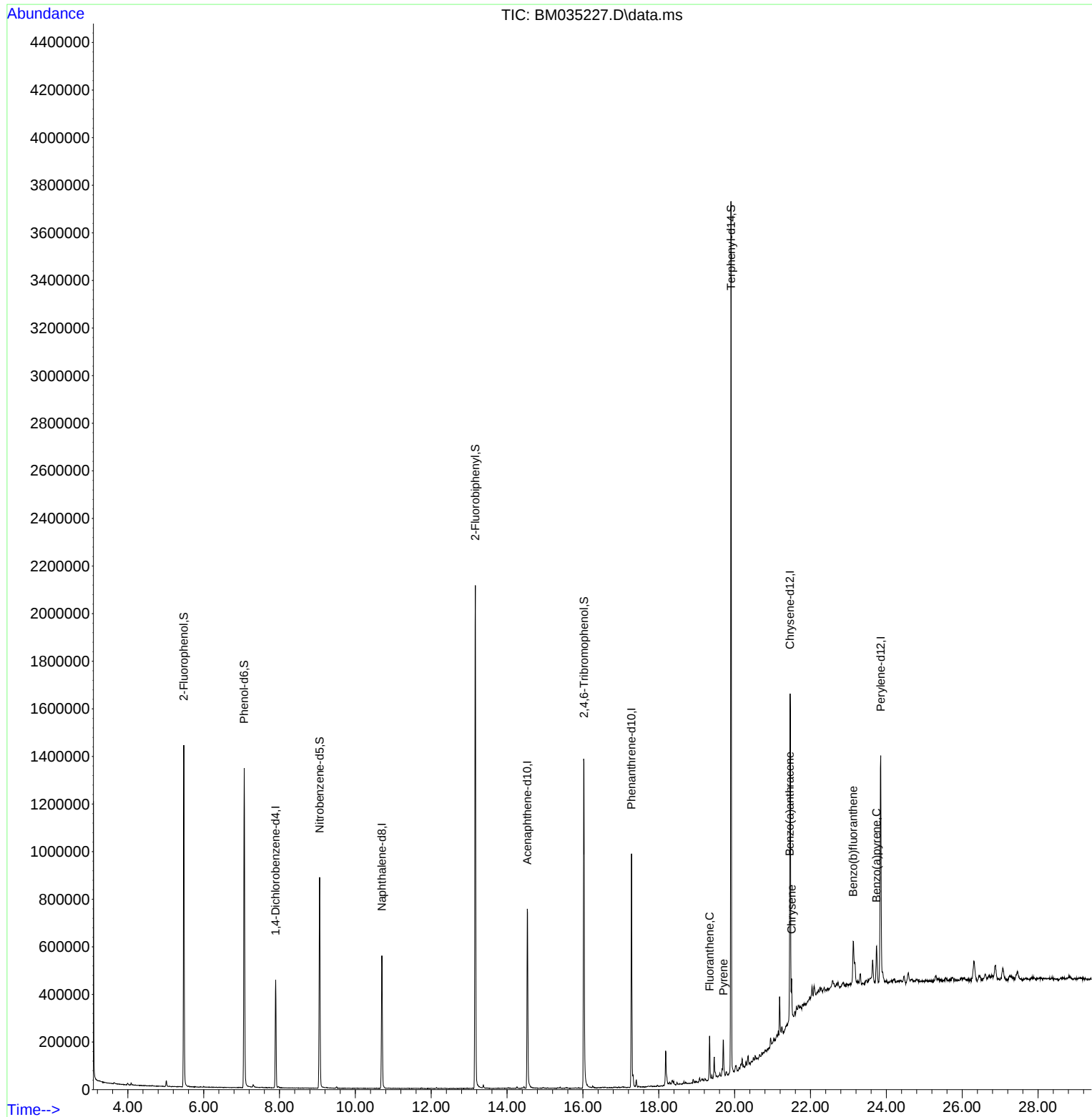
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052422\
Data File : BM035227.D
Acq On : 24 May 2022 19:57
Operator : CG/JU
Sample : N2981-20
Misc :
ALS Vial : 14 Sample Multiplier: 1

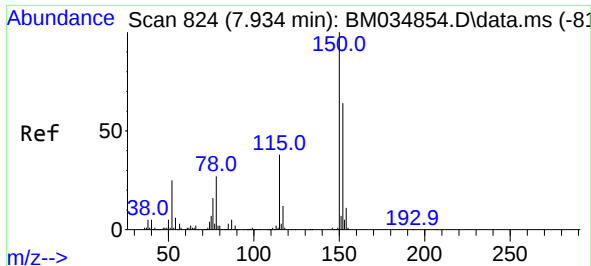
Instrument :
BNA_M
ClientSampleId :
SB-6(3-3.5)

Quant Time: May 25 05:44:27 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
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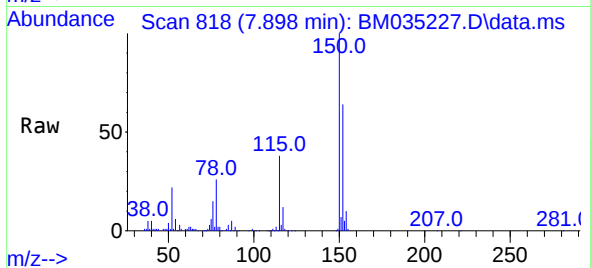
Reviewed By : Christian Giraldo 05/25/2022
Supervised By : Jagrut Upadhyay 05/25/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.898 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM035227.D
Acq: 24 May 2022 19:57

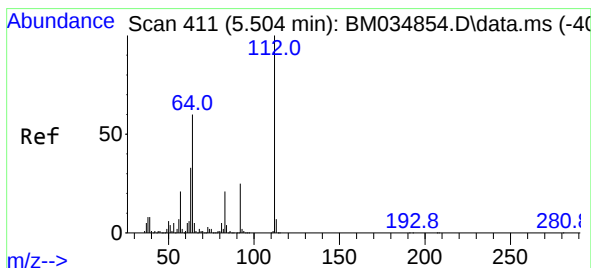
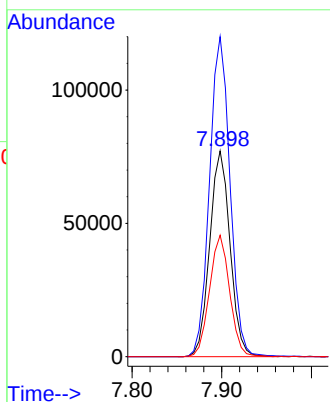
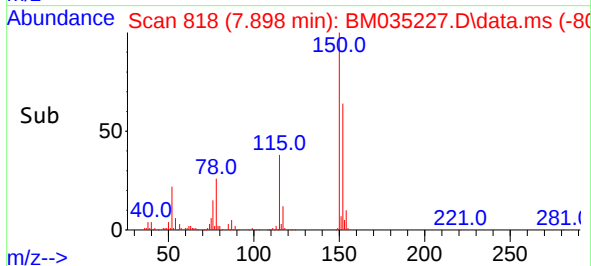
Instrument :
BNA_M
ClientSampleId :
SB-6(3-3.5)



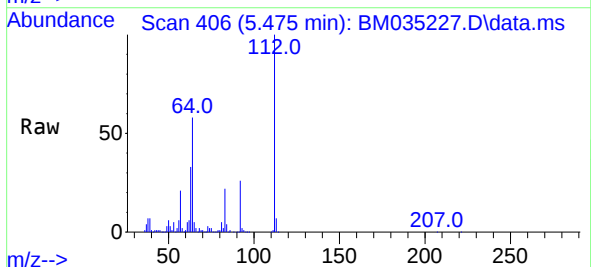
Tgt Ion:152 Resp: 12164
Ion Ratio Lower Upper
152 100
150 155.6 124.9 187.3
115 59.0 47.9 71.9

Manual Integrations
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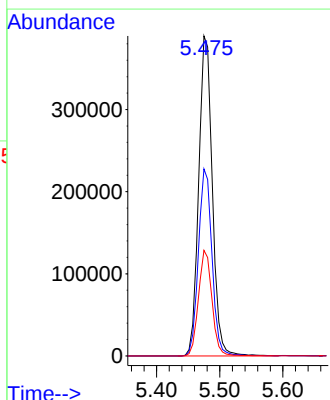
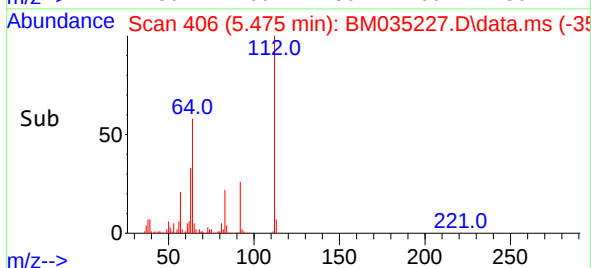
Reviewed By :Christian Giraldo 05/25/2022
Supervised By :Jagrut Upadhyay 05/25/2022



#5
2-Fluorophenol
Concen: 84.921 ng
RT: 5.475 min Scan# 406
Delta R.T. -0.006 min
Lab File: BM035227.D
Acq: 24 May 2022 19:57



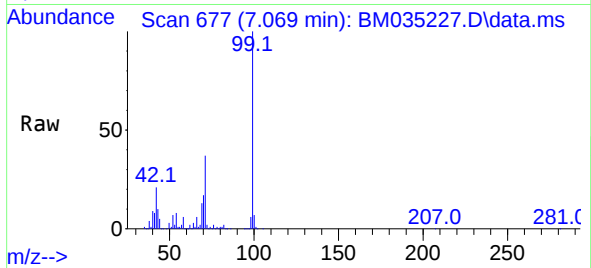
Tgt Ion:112 Resp: 585527
Ion Ratio Lower Upper
112 100
64 58.5 47.8 71.6
63 33.0 26.6 40.0





#7
Phenol-d6
Concen: 82.177 ng
RT: 7.069 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM035227.D
Acq: 24 May 2022 19:57

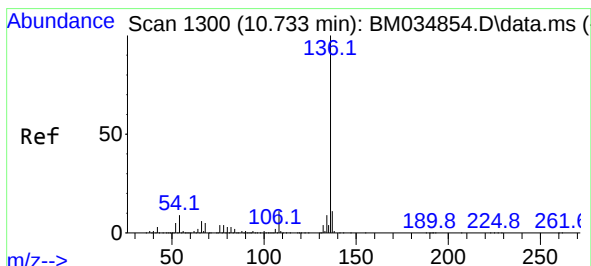
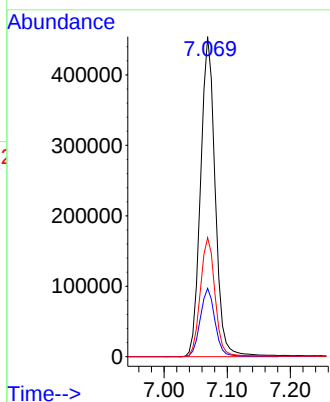
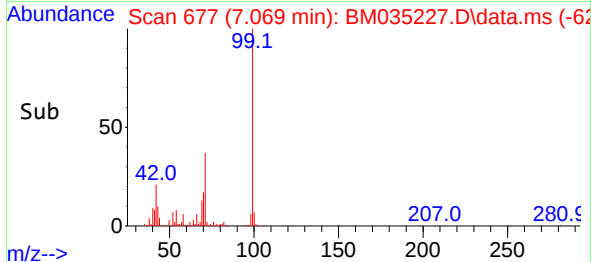
Instrument :
BNA_M
ClientSampleId :
SB-6(3-3.5)



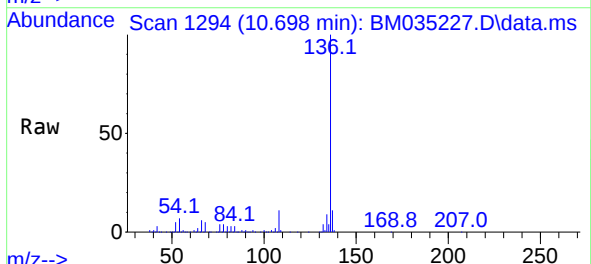
Tgt Ion: 99 Resp: 73146
Ion Ratio Lower Upper
99 100
42 21.4 18.8 28.2
71 37.2 30.2 45.2

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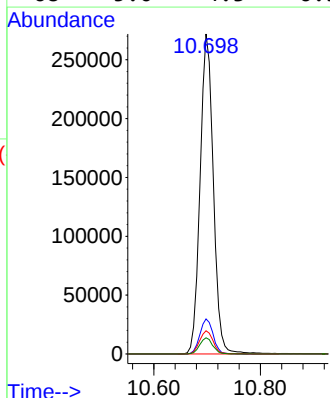
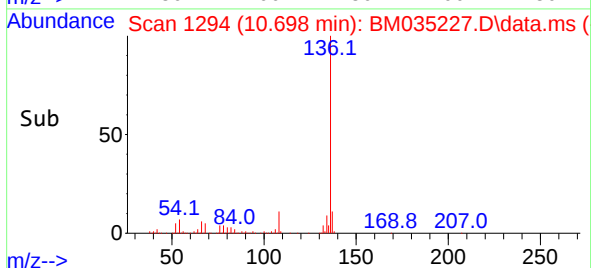
Reviewed By :Christian Giraldo 05/25/2022
Supervised By :Jagrut Upadhyay 05/25/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.698 min Scan# 1294
Delta R.T. -0.012 min
Lab File: BM035227.D
Acq: 24 May 2022 19:57



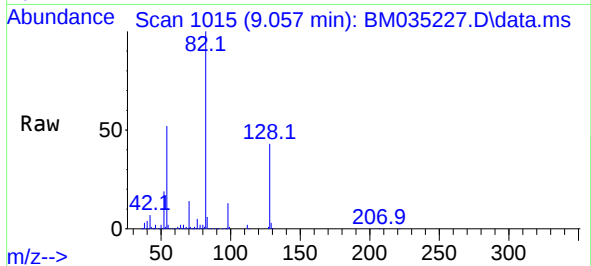
Tgt Ion:136 Resp: 468910
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.3 7.0 10.4
68 5.0 4.3 6.5





#23
Nitrobenzene-d5
Concen: 57.255 ng
RT: 9.057 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BM035227.D
Acq: 24 May 2022 19:57

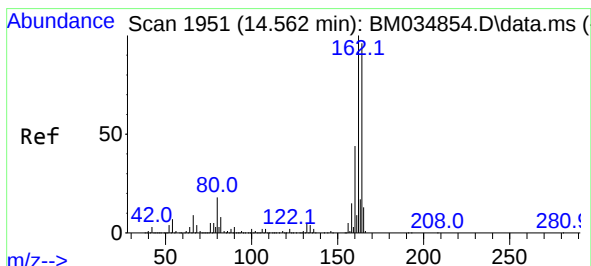
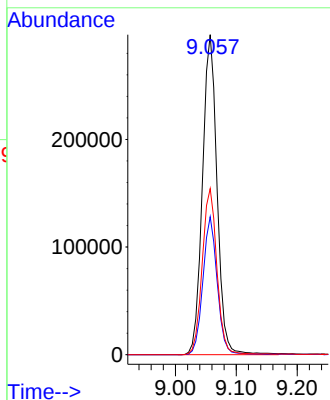
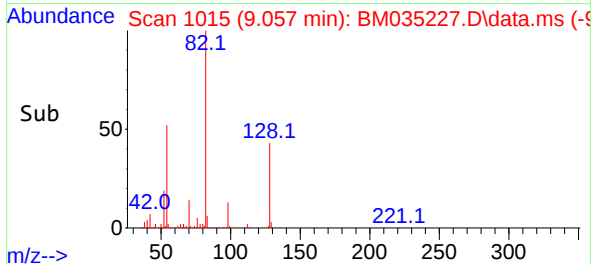
Instrument :
BNA_M
ClientSampleId :
SB-6(3-3.5)



Tgt Ion: 82 Resp: 49716
Ion Ratio Lower Upper
82 100
128 43.1 33.7 50.5
54 51.9 43.2 64.8

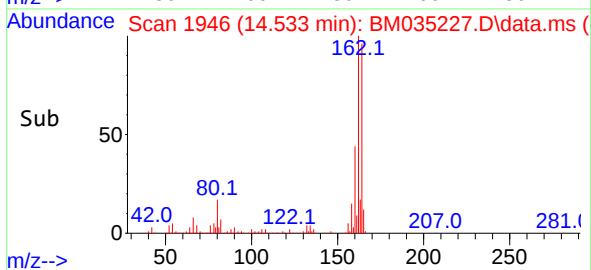
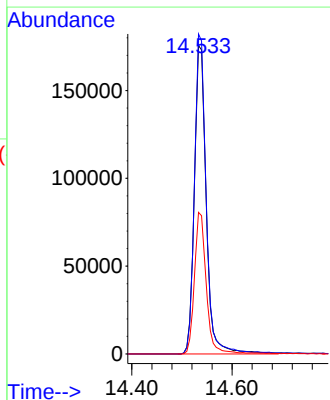
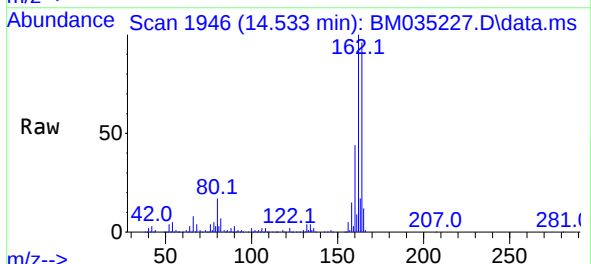
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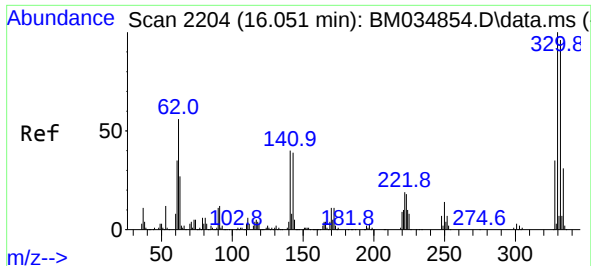
Reviewed By :Christian Giraldo 05/25/2022
Supervised By :Jagrut Upadhyay 05/25/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.533 min Scan# 1946
Delta R.T. -0.012 min
Lab File: BM035227.D
Acq: 24 May 2022 19:57

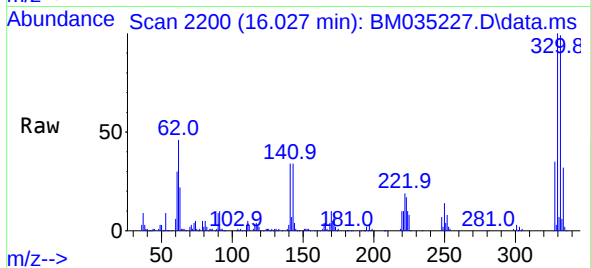
Tgt Ion:164 Resp: 289605
Ion Ratio Lower Upper
164 100
162 103.8 83.0 124.6
160 45.9 37.0 55.4





#42
2,4,6-Tribromophenol
Concen: 92.353 ng
RT: 16.027 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM035227.D
Acq: 24 May 2022 19:57

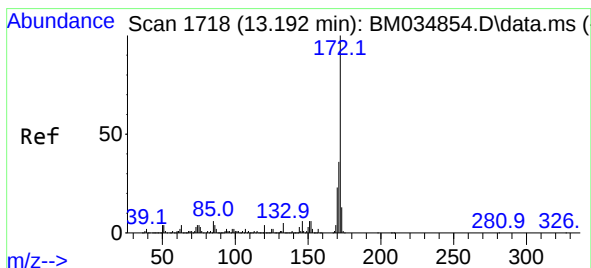
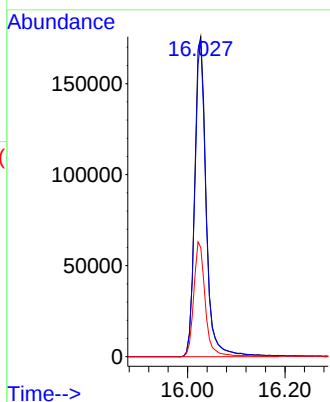
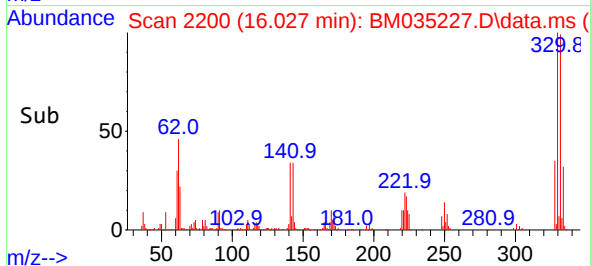
Instrument :
BNA_M
ClientSampleId :
SB-6(3-3.5)



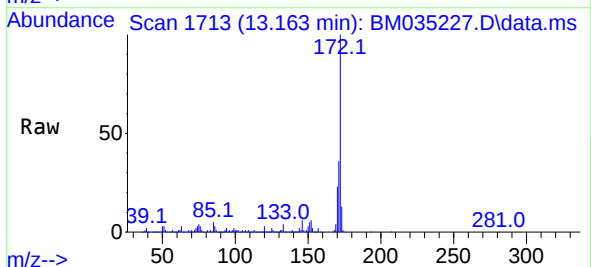
Tgt Ion:330 Resp: 29094
Ion Ratio Lower Upper
330 100
332 96.7 77.0 115.4
141 36.0 35.3 52.9

Manual Integrations
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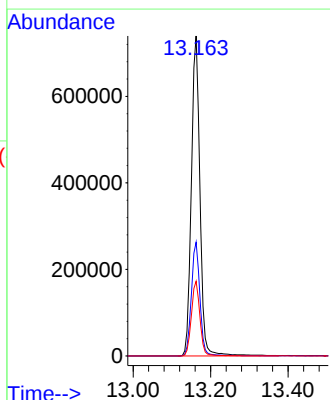
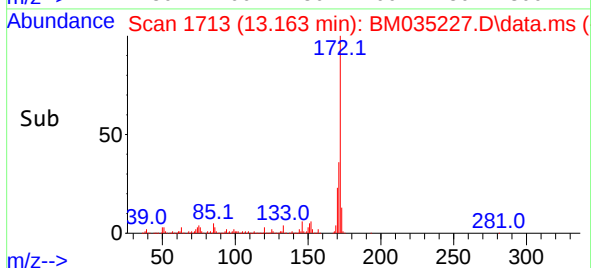
Reviewed By :Christian Giraldo 05/25/2022
Supervised By :Jagrut Upadhyay 05/25/2022

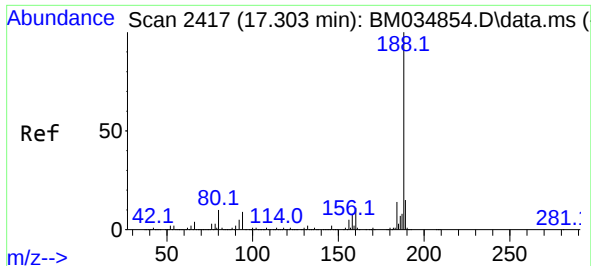


#45
2-Fluorobiphenyl
Concen: 57.239 ng
RT: 13.163 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BM035227.D
Acq: 24 May 2022 19:57



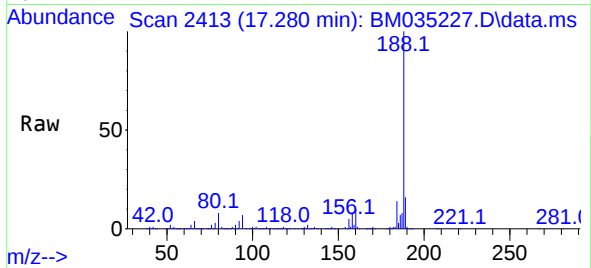
Tgt Ion:172 Resp: 1141904
Ion Ratio Lower Upper
172 100
171 35.6 28.5 42.7
170 23.4 18.7 28.1





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.280 min Scan# 2417
Delta R.T. -0.006 min
Lab File: BM035227.D
Acq: 24 May 2022 19:57

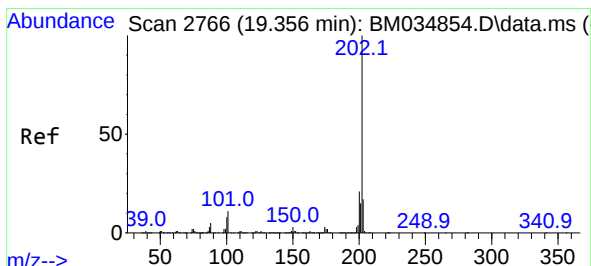
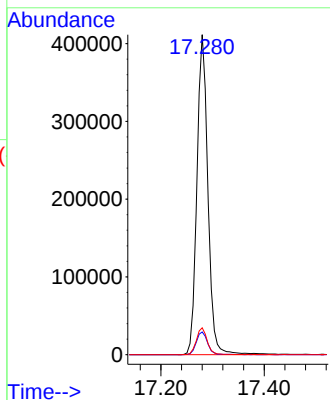
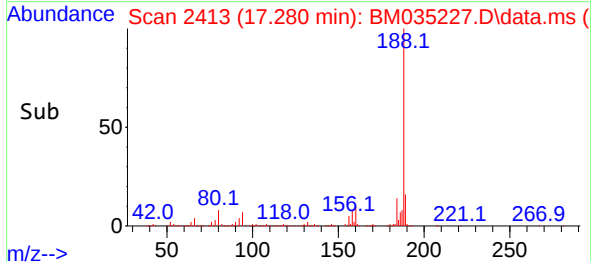
Instrument :
BNA_M
ClientSampleId :
SB-6(3-3.5)



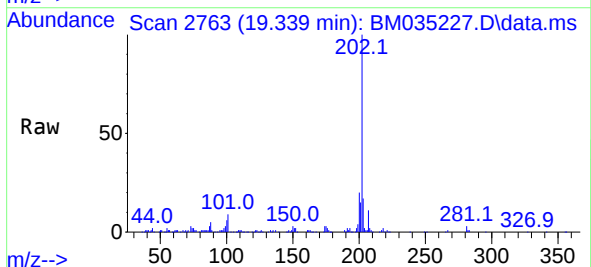
Tgt Ion:188 Resp: 60693
Ion Ratio Lower Upper
188 100
94 7.1 7.0 10.4
80 8.4 7.6 11.4

Manual Integrations
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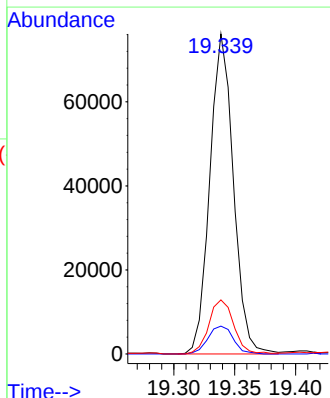
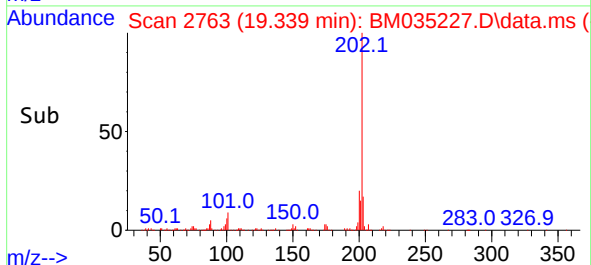
Reviewed By :Christian Giraldo 05/25/2022
Supervised By :Jagrut Upadhyay 05/25/2022

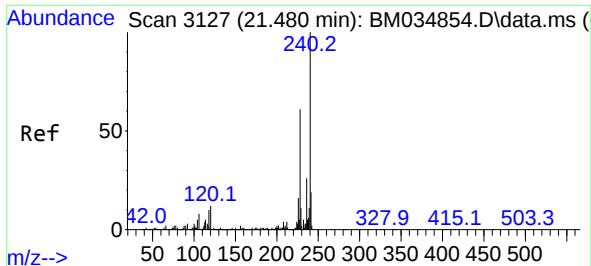


#75
Fluoranthene
Concen: 2.762 ng
RT: 19.339 min Scan# 2763
Delta R.T. -0.006 min
Lab File: BM035227.D
Acq: 24 May 2022 19:57



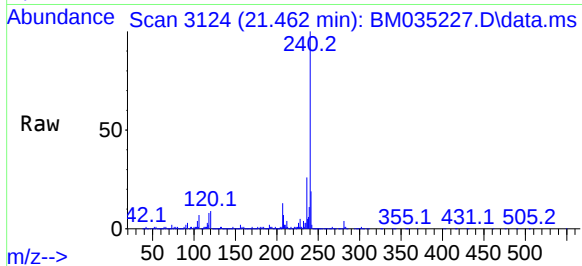
Tgt Ion:202 Resp: 102580
Ion Ratio Lower Upper
202 100
101 8.7 0.0 30.6
203 16.9 0.0 37.4





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.462 min Scan# 3127
Delta R.T. -0.012 min
Lab File: BM035227.D
Acq: 24 May 2022 19:57

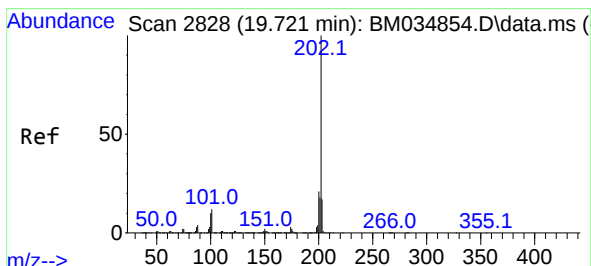
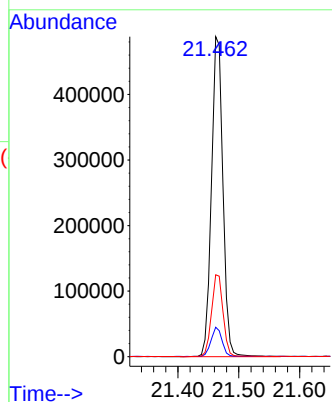
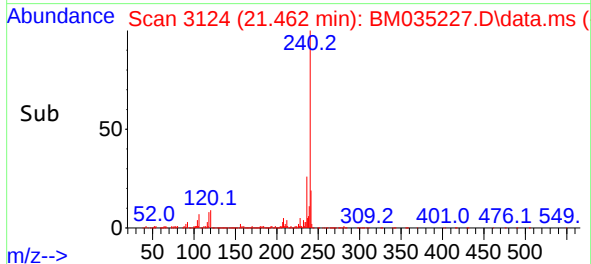
Instrument :
BNA_M
ClientSampleId :
SB-6(3-3.5)



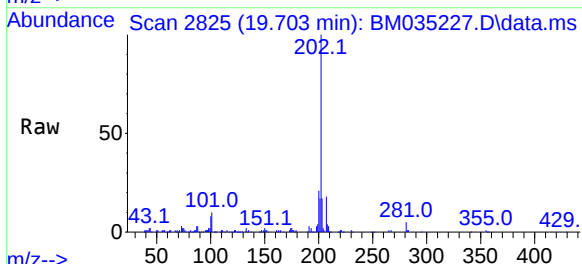
Tgt Ion:240 Resp: 638870
Ion Ratio Lower Upper
240 100
120 9.2 9.4 14.0
236 25.6 20.6 30.8

Manual Integrations
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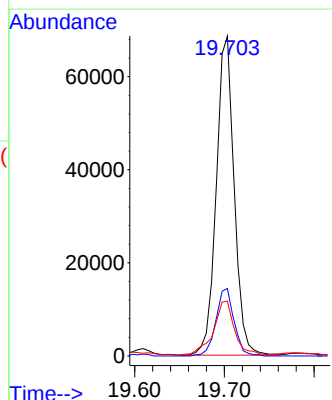
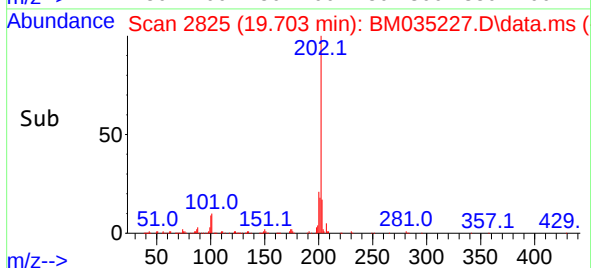
Reviewed By :Christian Giraldo 05/25/2022
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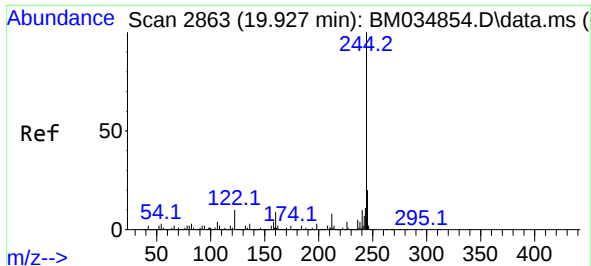


#78
Pyrene
Concen: 2.247 ng
RT: 19.703 min Scan# 2825
Delta R.T. -0.006 min
Lab File: BM035227.D
Acq: 24 May 2022 19:57



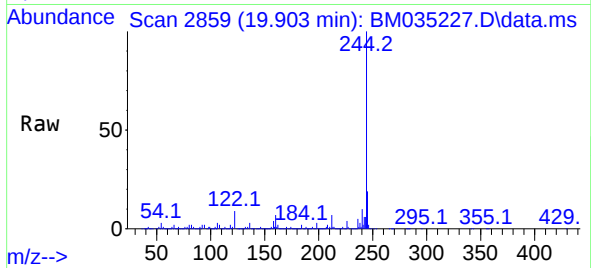
Tgt Ion:202 Resp: 94947
Ion Ratio Lower Upper
202 100
200 21.1 16.7 25.1
203 17.2 13.9 20.9





#79
 Terphenyl-d14
 Concen: 51.272 ng
 RT: 19.903 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM035227.D
 Acq: 24 May 2022 19:57

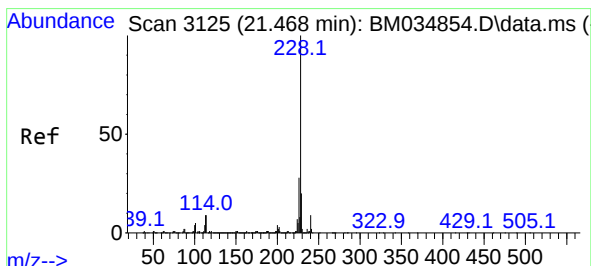
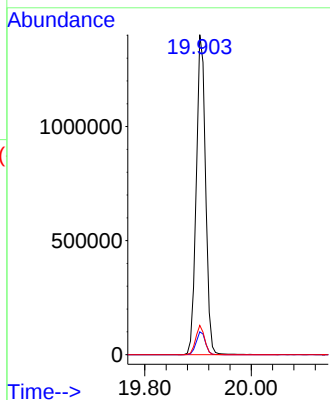
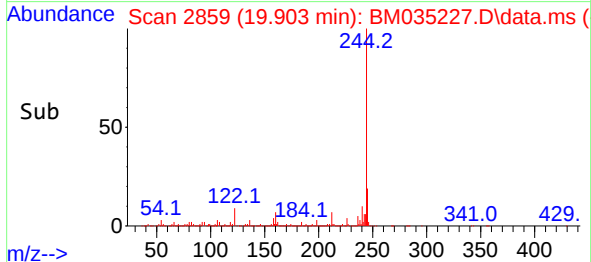
Instrument :
 BNA_M
 ClientSampleId :
 SB-6(3-3.5)



Tgt Ion:244 Resp: 1691768
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.2 9.4
 122 9.2 8.3 12.5

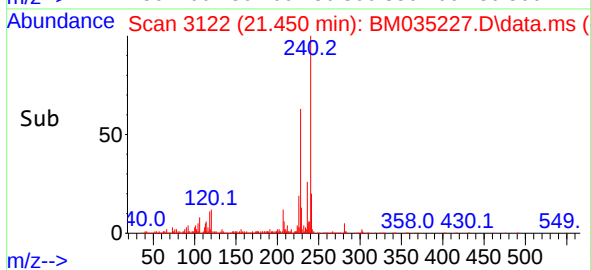
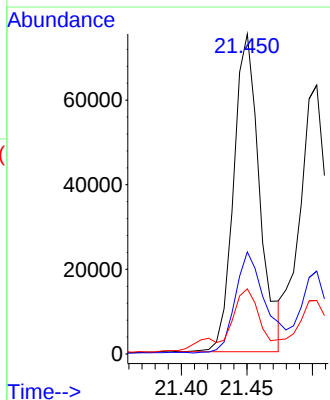
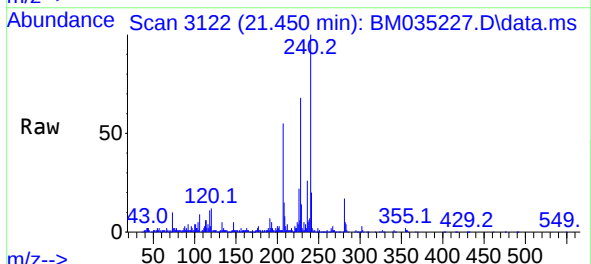
Manual Integrations
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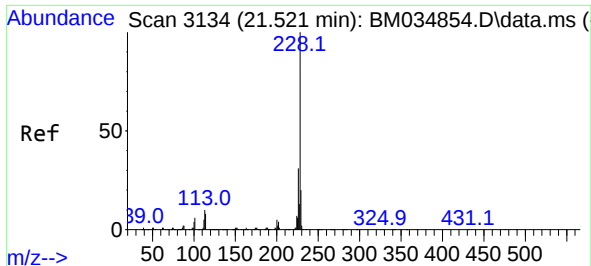
Reviewed By :Christian Giraldo 05/25/2022
 Supervised By :Jagrut Upadhyay 05/25/2022



#81
 Benzo(a)anthracene
 Concen: 2.429 ng
 RT: 21.450 min Scan# 3122
 Delta R.T. -0.006 min
 Lab File: BM035227.D
 Acq: 24 May 2022 19:57

Tgt Ion:228 Resp: 103534
 Ion Ratio Lower Upper
 228 100
 226 31.9 22.3 33.5
 229 20.4 15.8 23.6





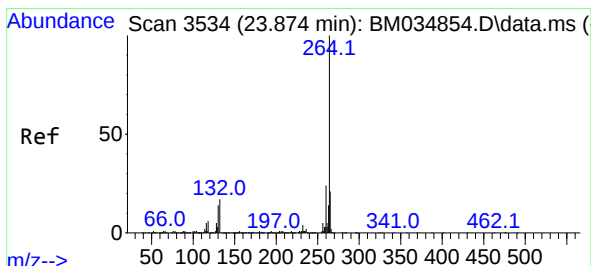
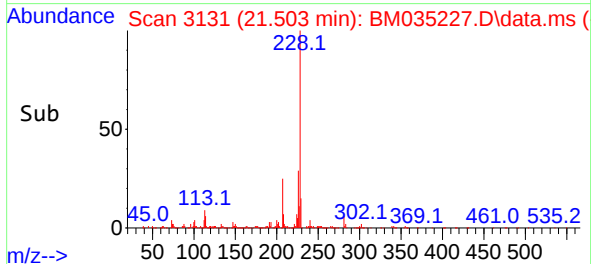
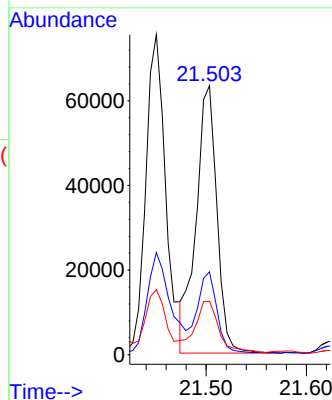
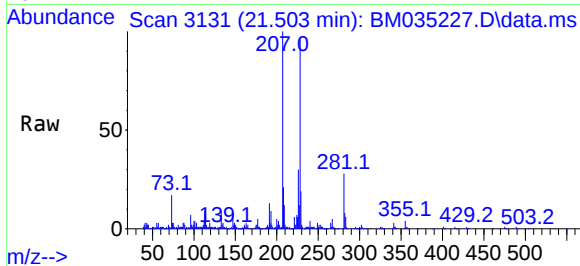
#83
Chrysene
Concen: 2.249 ng
RT: 21.503 min Scan# 3134
Delta R.T. -0.006 min
Lab File: BM035227.D
Acq: 24 May 2022 19:57

Instrument :
BNA_M
ClientSampleId :
SB-6(3-3.5)

Tgt Ion:	228	Resp:	9159
Ion Ratio	Lower	Upper	
228	100		
226	30.8	24.4	36.6
229	19.9	15.8	23.8

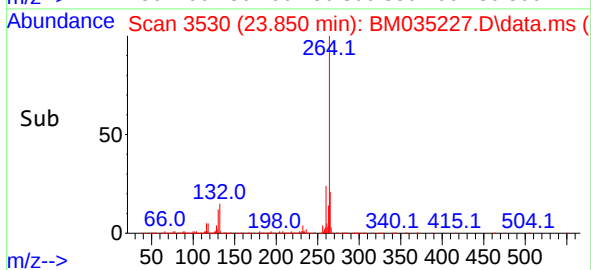
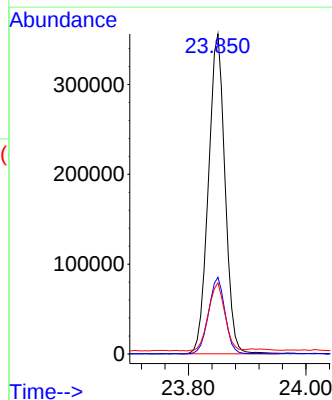
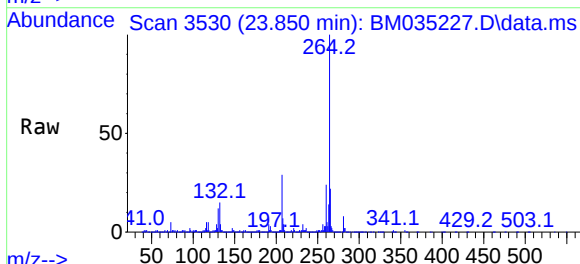
Manual Integrations
APPROVED

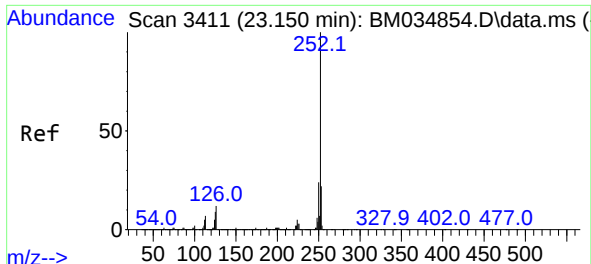
Reviewed By :Christian Giraldo 05/25/2022
Supervised By :Jagrut Upadhyay 05/25/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.850 min Scan# 3530
Delta R.T. -0.006 min
Lab File: BM035227.D
Acq: 24 May 2022 19:57

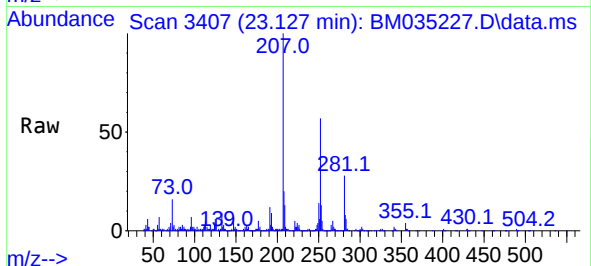
Tgt Ion:	264	Resp:	698359
Ion Ratio	Lower	Upper	
264	100		
260	23.9	18.9	28.3
265	22.2	17.5	26.3





#88
Benzo(b)fluoranthene
Concen: 3.185 ng m
RT: 23.127 min Scan# 3411
Delta R.T. -0.006 min
Lab File: BM035227.D
Acq: 24 May 2022 19:57

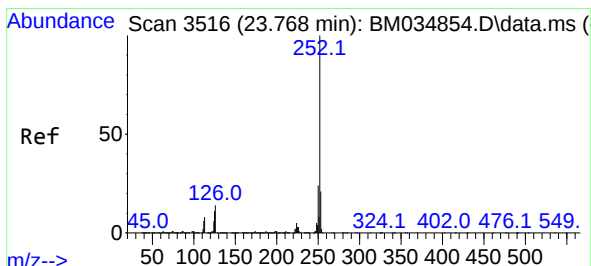
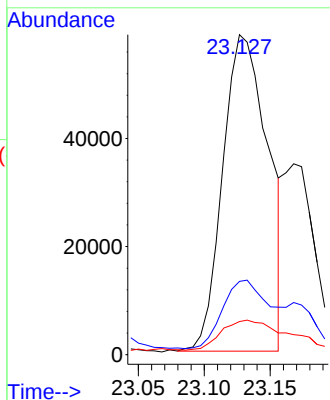
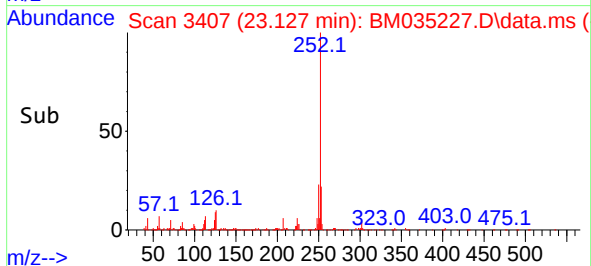
Instrument :
BNA_M
ClientSampleId :
SB-6(3-3.5)



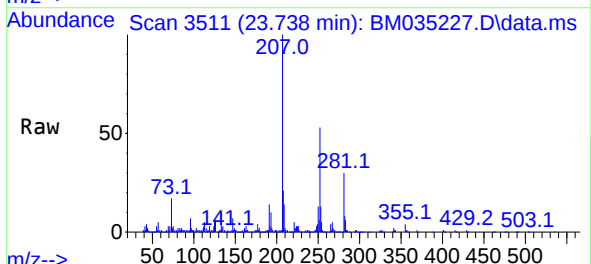
Tgt Ion:252 Resp: 139892
Ion Ratio Lower Upper
252 100
253 22.9 17.6 26.4
125 10.4 7.6 11.4

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/25/2022
Supervised By :Jagrut Upadhyay 05/25/2022



#90
Benzo(a)pyrene
Concen: 2.901 ng
RT: 23.738 min Scan# 3511
Delta R.T. -0.012 min
Lab File: BM035227.D
Acq: 24 May 2022 19:57



Tgt Ion:252 Resp: 105871
Ion Ratio Lower Upper
252 100
253 24.1 17.2 25.8
125 9.9 8.7 13.1

