

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052422\
 Data File : BM035229.D
 Acq On : 24 May 2022 21:09
 Operator : CG/JU
 Sample : N2981-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-12(2.5-3)

Manual Integrations
 APPROVED

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

Quant Time: May 25 05:44:39 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	126465	20.000	ng	0.00
21) Naphthalene-d8	10.698	136	478152	20.000	ng	-0.01
39) Acenaphthene-d10	14.533	164	287893	20.000	ng	-0.01
64) Phenanthrene-d10	17.280	188	584139	20.000	ng	0.00
76) Chrysene-d12	21.462	240	618577	20.000	ng	#-0.01
86) Perylene-d12	23.844	264	703626	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	817289	114.014	ng	0.00
7) Phenol-d6	7.069	99	1011299	109.284	ng	0.00
23) Nitrobenzene-d5	9.057	82	674872	76.219	ng	0.00
42) 2,4,6-Tribromophenol	16.021	330	394642	126.015	ng	-0.01
45) 2-Fluorobiphenyl	13.163	172	1544666	77.888	ng	0.00
79) Terphenyl-d14	19.903	244	2187608	68.474	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	17.321	178	108257	3.325	ng	99
75) Fluoranthene	19.339	202	406233	11.364	ng	98
78) Pyrene	19.697	202	351350	8.589	ng	100
81) Benzo(a)anthracene	21.450	228	393893	9.543	ng	96
83) Chrysene	21.497	228	348204m	8.832	ng	
87) Indeno(1,2,3-cd)pyrene	26.315	276	249645	4.667	ng	# 94
88) Benzo(b)fluoranthene	23.127	252	520245	11.756	ng	99
89) Benzo(k)fluoranthene	23.168	252	189311m	4.226	ng	
90) Benzo(a)pyrene	23.738	252	403940	10.987	ng	96
92) Benzo(g,h,i)perylene	27.068	276	206281	4.784	ng	# 94

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

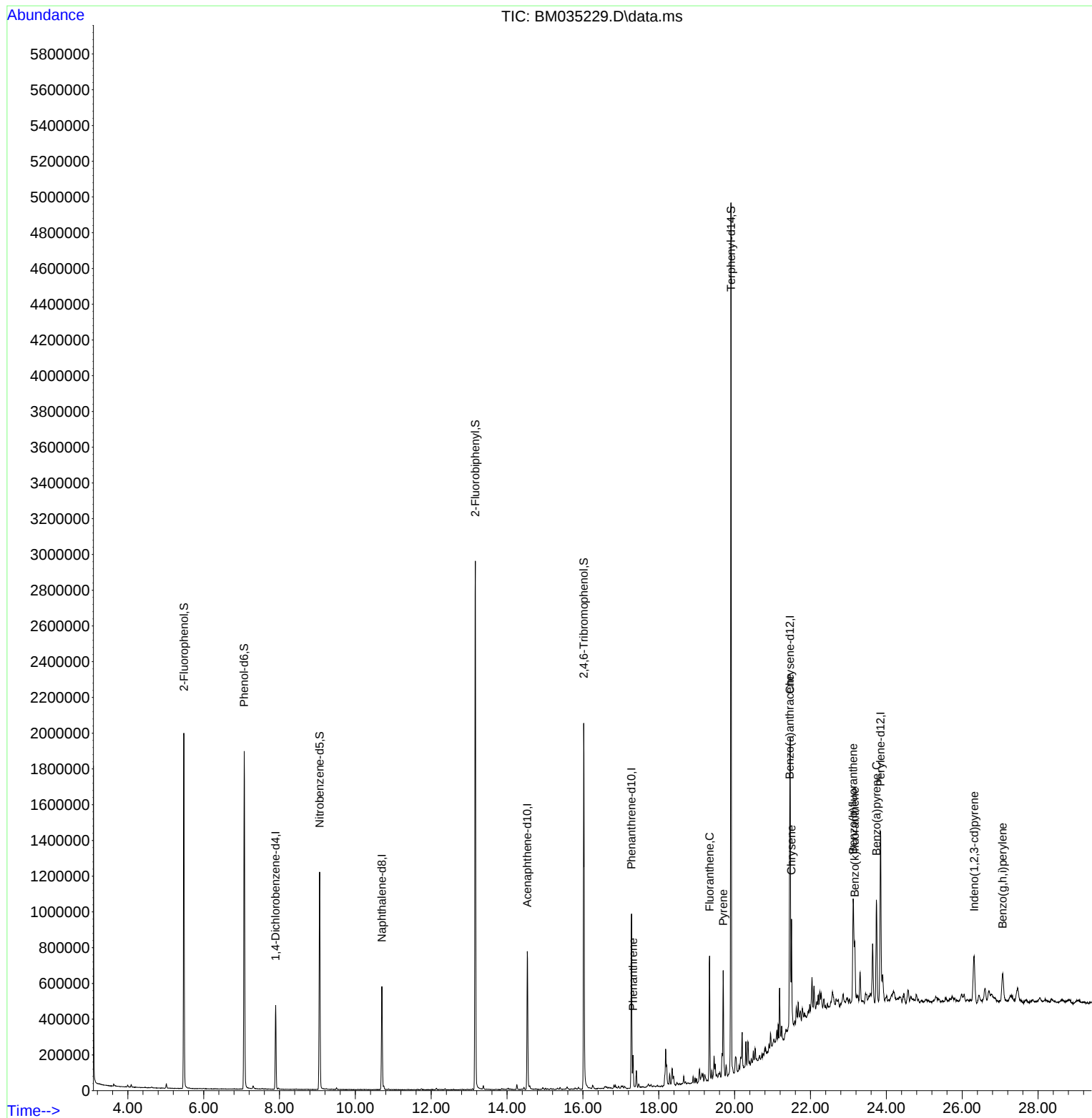
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052422\
Data File : BM035229.D
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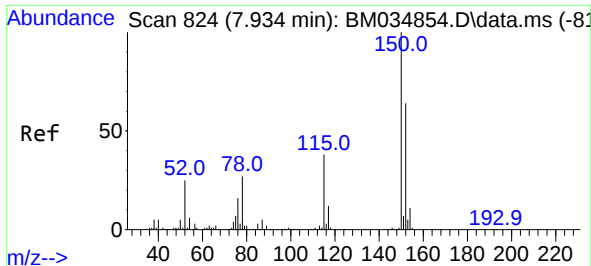
Instrument :
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SB-12(2.5-3)

Quant Time: May 25 05:44:39 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
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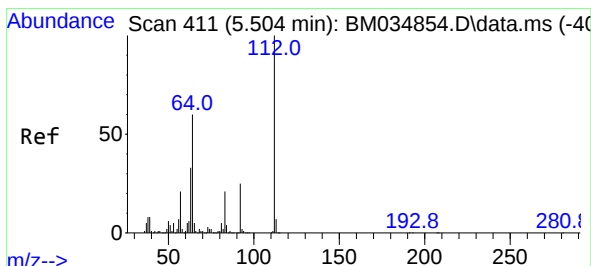
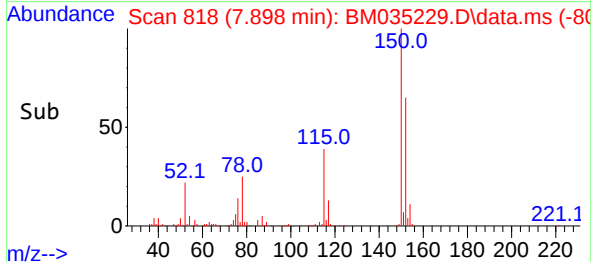
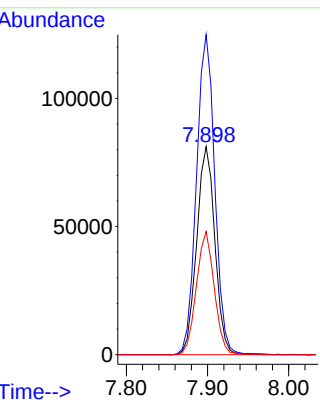
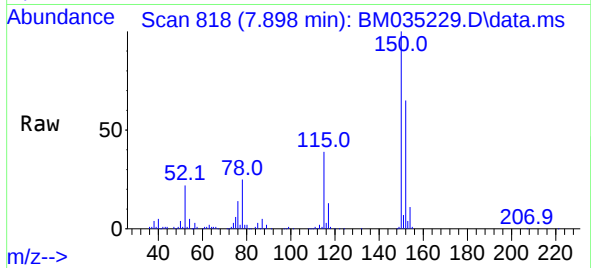
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.898 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM035229.D
Acq: 24 May 2022 21:09

Instrument :
BNA_M
ClientSampleId :
SB-12(2.5-3)

Tgt Ion:152 Resp: 12646
Ion Ratio Lower Upper
152 100
150 153.9 124.9 187.3
115 59.3 47.9 71.9

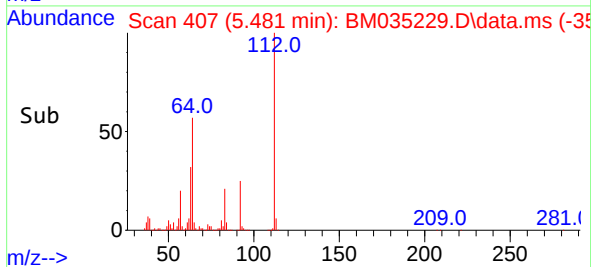
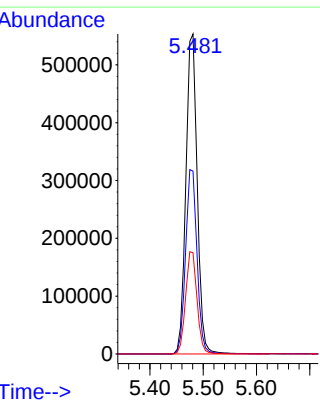
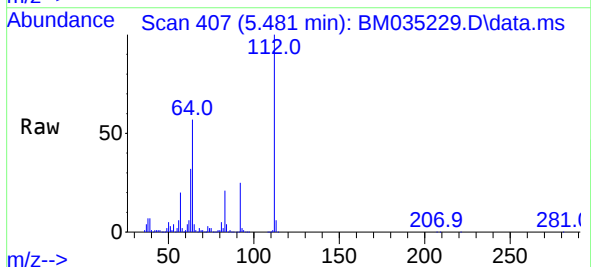
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#5
2-Fluorophenol
Concen: 114.014 ng
RT: 5.481 min Scan# 407
Delta R.T. -0.000 min
Lab File: BM035229.D
Acq: 24 May 2022 21:09

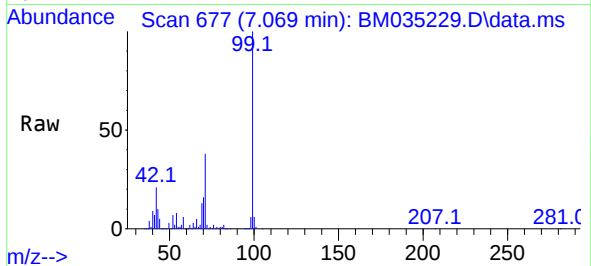
Tgt Ion:112 Resp: 817289
Ion Ratio Lower Upper
112 100
64 57.2 47.8 71.6
63 31.7 26.6 40.0





#7
Phenol-d6
Concen: 109.284 ng
RT: 7.069 min Scan# 611
Delta R.T. -0.006 min
Lab File: BM035229.D
Acq: 24 May 2022 21:09

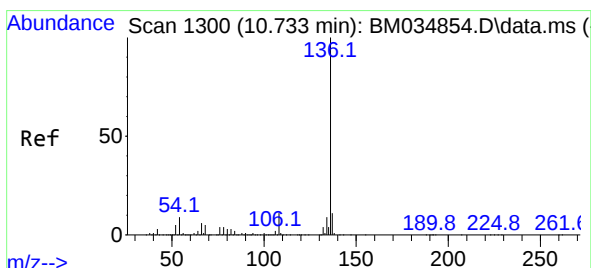
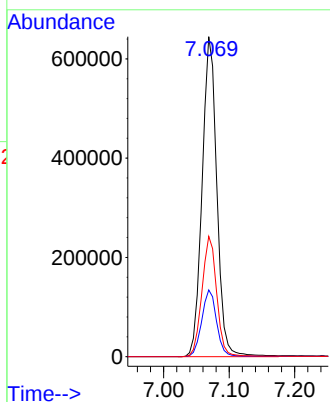
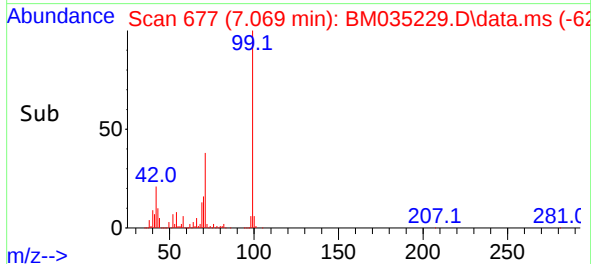
Instrument :
BNA_M
ClientSampleId :
SB-12(2.5-3)



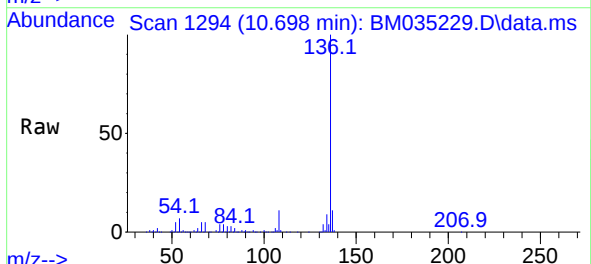
Tgt Ion: 99 Resp: 1011299
Ion Ratio Lower Upper
99 100
42 20.9 18.8 28.2
71 37.6 30.2 45.2

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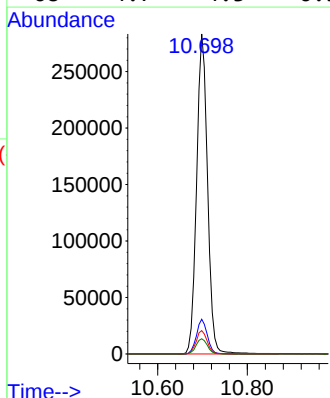
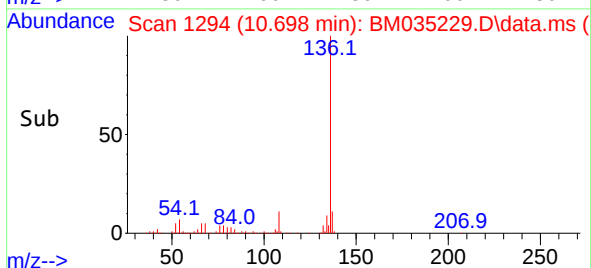
Reviewed By :Christian Giraldo 05/25/2022
Supervised By :Jagrut Upadhyay 05/25/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.698 min Scan# 1294
Delta R.T. -0.012 min
Lab File: BM035229.D
Acq: 24 May 2022 21:09



Tgt Ion:136 Resp: 478152
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.3 7.0 10.4
68 4.7 4.3 6.5





#23

Nitrobenzene-d5

Concen: 76.219 ng

RT: 9.057 min Scan# 1015

Delta R.T. -0.006 min

Lab File: BM035229.D

Acq: 24 May 2022 21:09

Instrument :

BNA_M

ClientSampleId :

SB-12(2.5-3)

Tgt Ion: 82 Resp: 674872

Ion Ratio Lower Upper

82 100

128 44.0 33.7 50.5

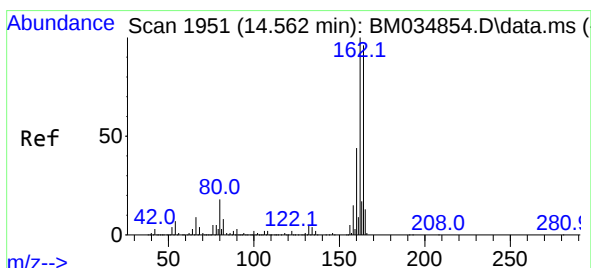
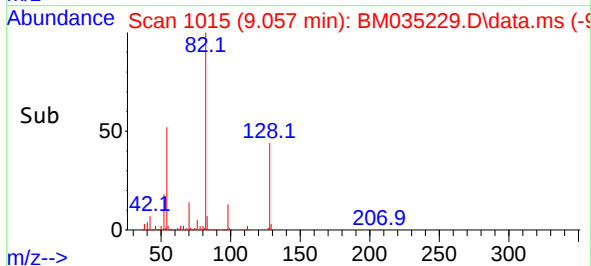
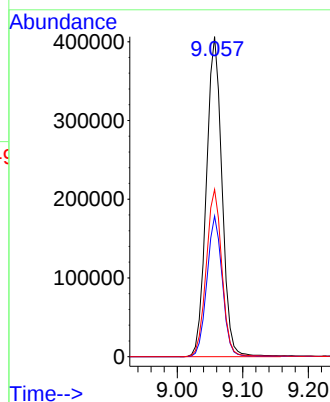
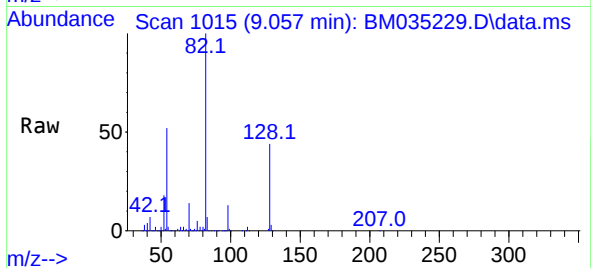
54 52.3 43.2 64.8

Manual Integrations

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.533 min Scan# 1946

Delta R.T. -0.012 min

Lab File: BM035229.D

Acq: 24 May 2022 21:09

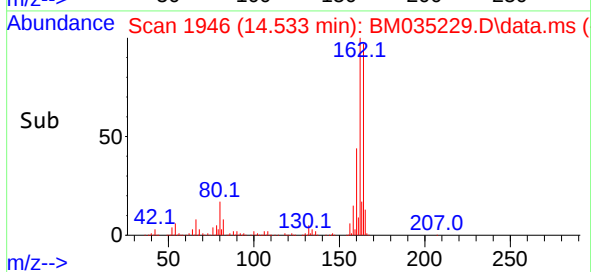
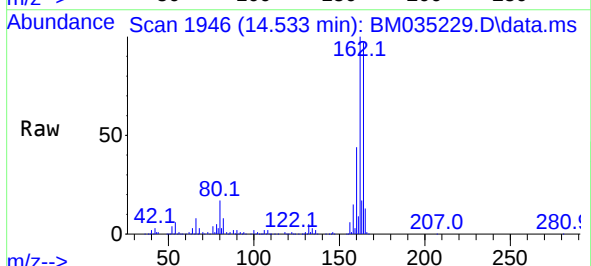
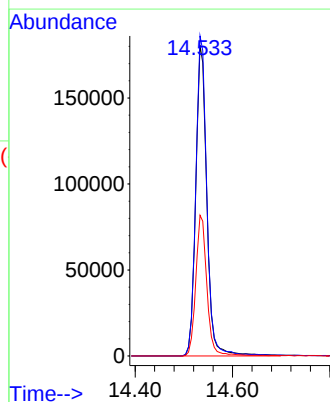
Tgt Ion:164 Resp: 287893

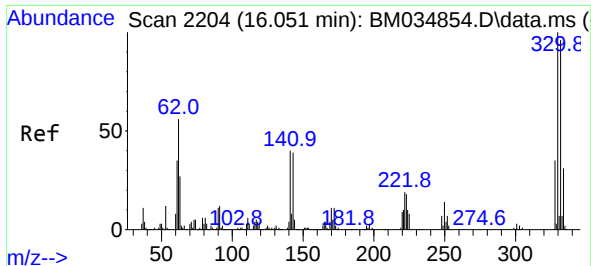
Ion Ratio Lower Upper

164 100

162 103.0 83.0 124.6

160 45.3 37.0 55.4





#42
2,4,6-Tribromophenol
Concen: 126.015 ng
RT: 16.021 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM035229.D
Acq: 24 May 2022 21:09

Instrument :

BNA_M

ClientSampleId :

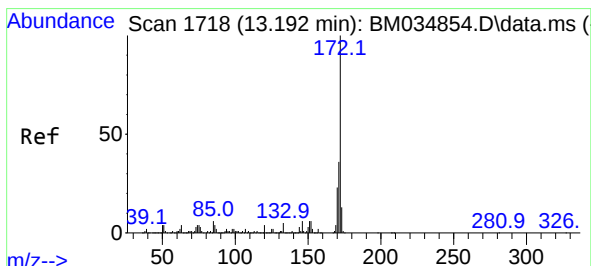
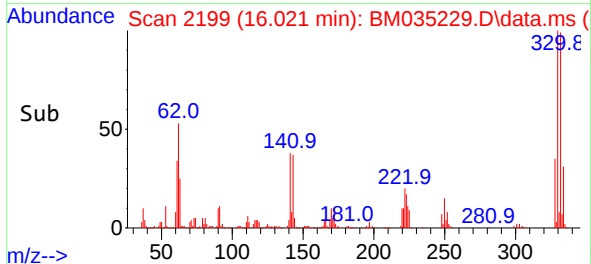
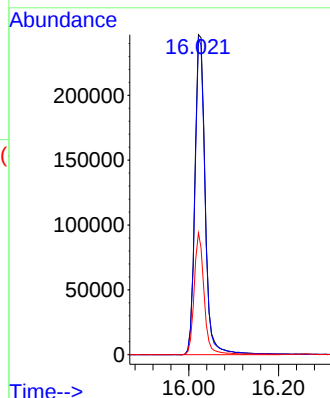
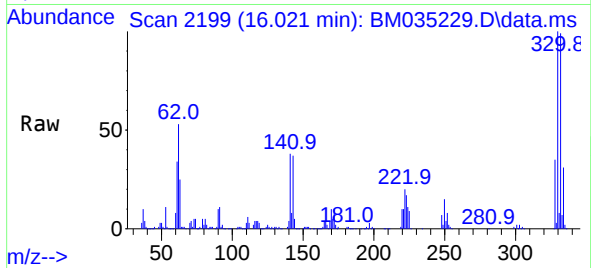
SB-12(2.5-3)

Tgt Ion:330 Resp: 39464
Ion Ratio Lower Upper
330 100
332 96.8 77.0 115.4
141 36.4 35.3 52.9

Manual Integrations

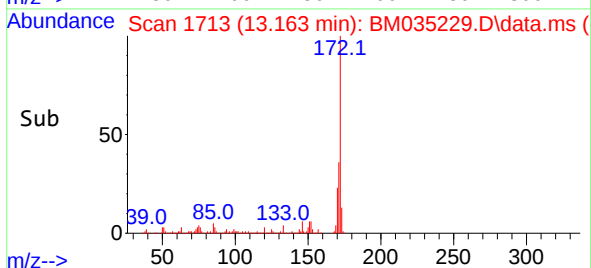
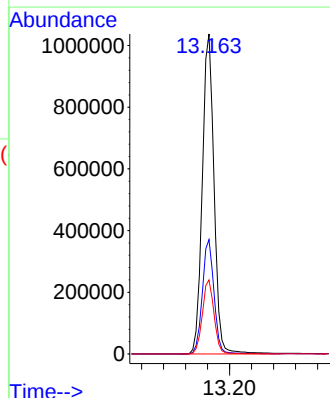
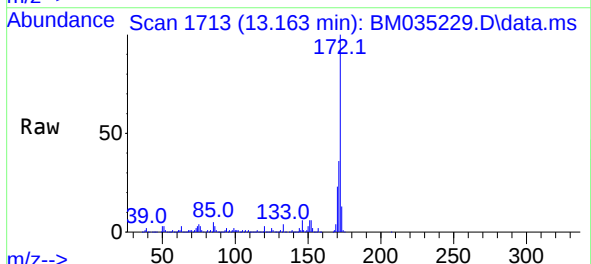
APPROVED

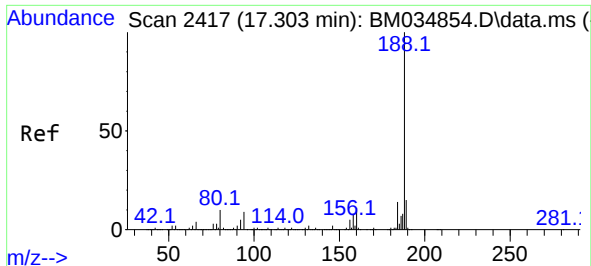
Reviewed By :Christian Giraldo 05/25/2022
Supervised By :Jagrut Upadhyay 05/25/2022



#45
2-Fluorobiphenyl
Concen: 77.888 ng
RT: 13.163 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BM035229.D
Acq: 24 May 2022 21:09

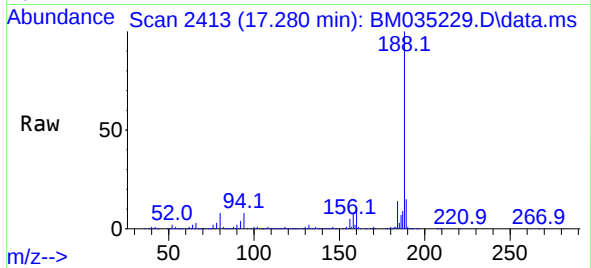
Tgt Ion:172 Resp: 1544666
Ion Ratio Lower Upper
172 100
171 35.7 28.5 42.7
170 23.2 18.7 28.1





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.280 min Scan# 2413
Delta R.T. -0.006 min
Lab File: BM035229.D
Acq: 24 May 2022 21:09

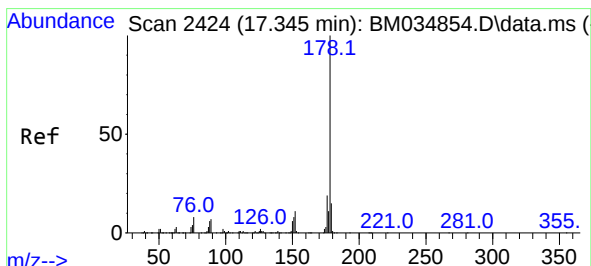
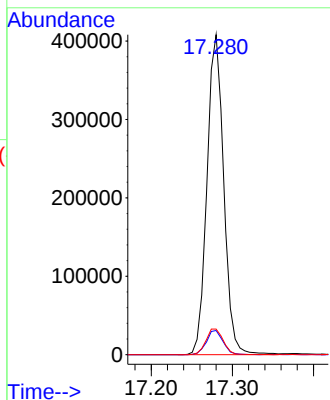
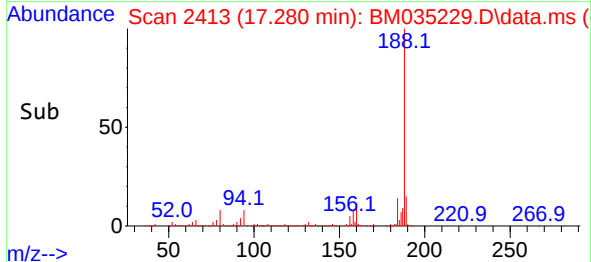
Instrument :
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SB-12(2.5-3)



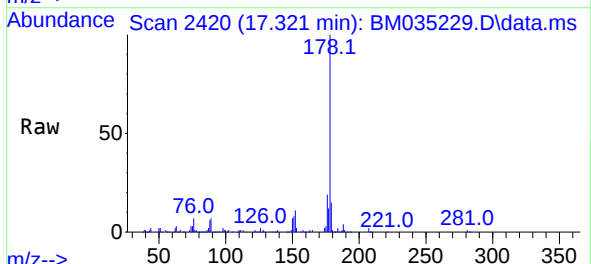
Tgt Ion:188 Resp: 584139
Ion Ratio Lower Upper
188 100
94 7.5 7.0 10.4
80 8.0 7.6 11.4

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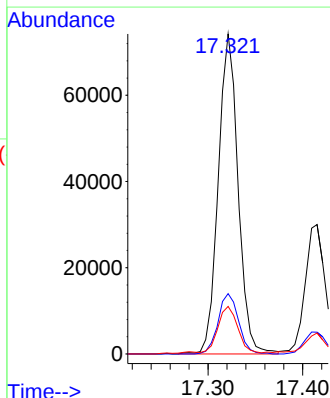
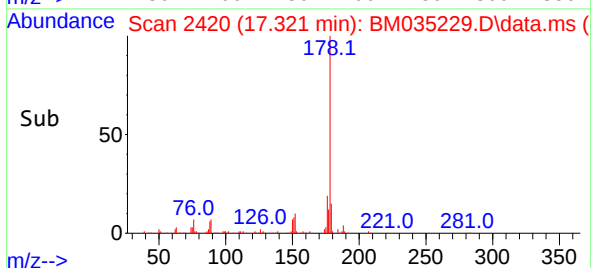
Reviewed By :Christian Giraldo 05/25/2022
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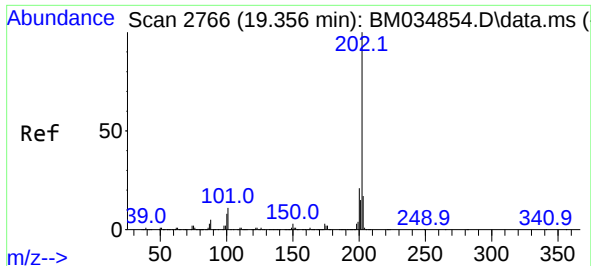


#71
Phenanthrene
Concen: 3.325 ng
RT: 17.321 min Scan# 2420
Delta R.T. -0.006 min
Lab File: BM035229.D
Acq: 24 May 2022 21:09



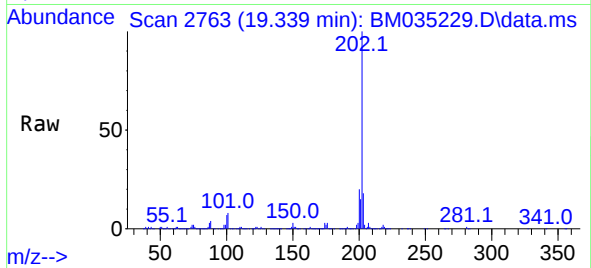
Tgt Ion:178 Resp: 108257
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.0
179 14.8 12.4 18.6





#75
Fluoranthene
Concen: 11.364 ng
RT: 19.339 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM035229.D
Acq: 24 May 2022 21:09

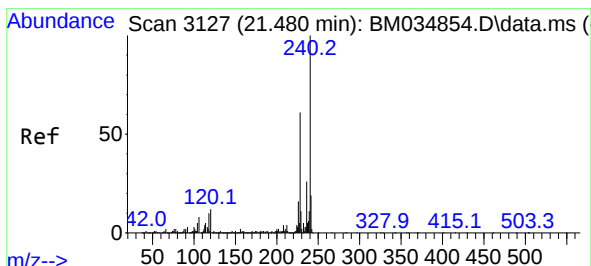
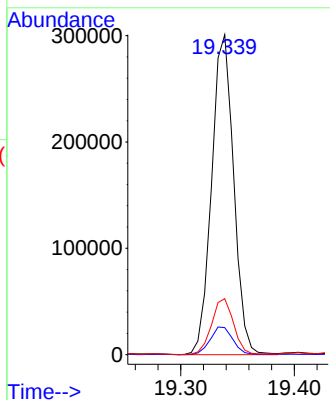
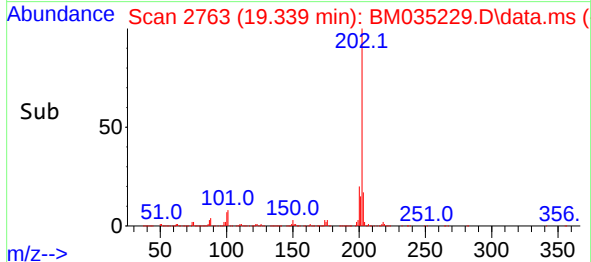
Instrument :
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SB-12(2.5-3)



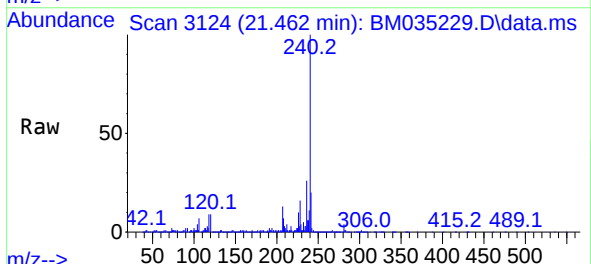
Tgt Ion:202 Resp: 40623
Ion Ratio Lower Upper
202 100
101 8.5 0.0 30.6
203 17.5 0.0 37.4

Manual Integrations
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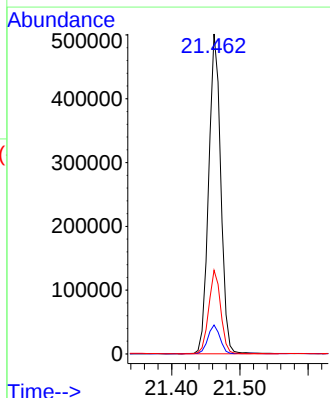
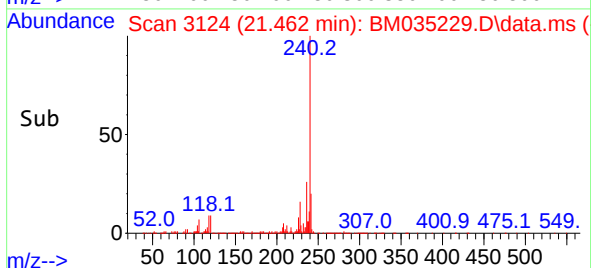
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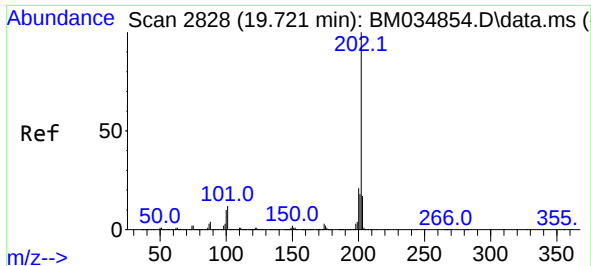


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.462 min Scan# 3124
Delta R.T. -0.012 min
Lab File: BM035229.D
Acq: 24 May 2022 21:09



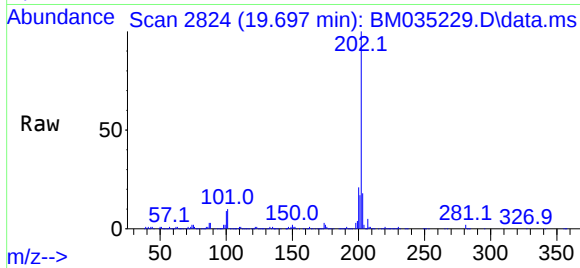
Tgt Ion:240 Resp: 618577
Ion Ratio Lower Upper
240 100
120 9.1 9.4 14.0#
236 26.1 20.6 30.8





#78
Pyrene
Concen: 8.589 ng
RT: 19.697 min Scan# 2824
Delta R.T. -0.012 min
Lab File: BM035229.D
Acq: 24 May 2022 21:09

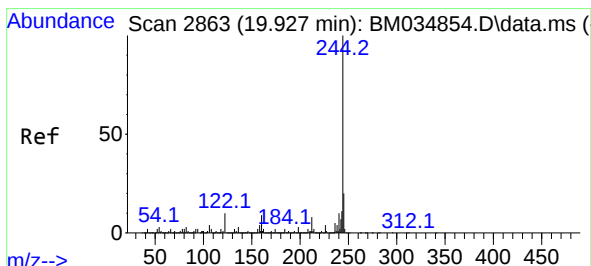
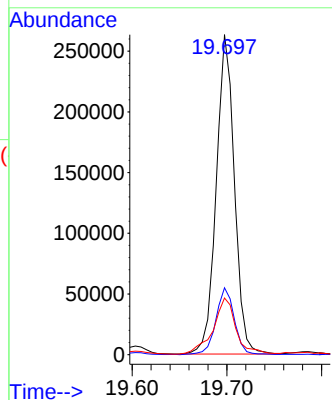
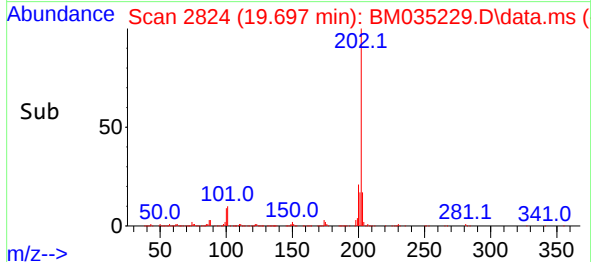
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SB-12(2.5-3)



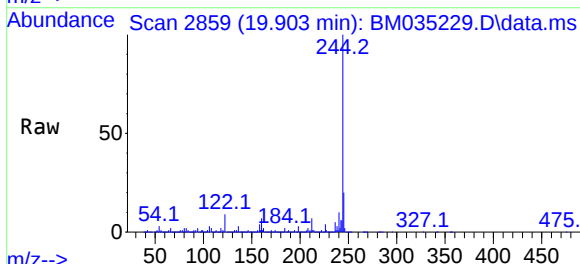
Tgt Ion:202 Resp: 351350
Ion Ratio Lower Upper
202 100
200 20.9 16.7 25.1
203 17.7 13.9 20.9

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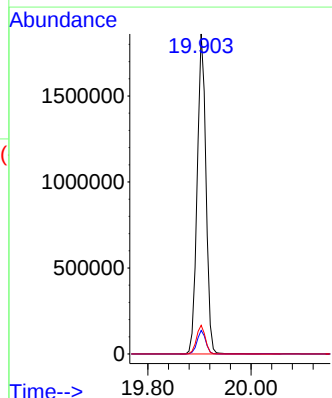
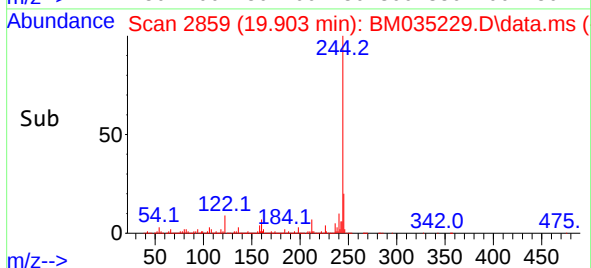
Reviewed By :Christian Giraldo 05/25/2022
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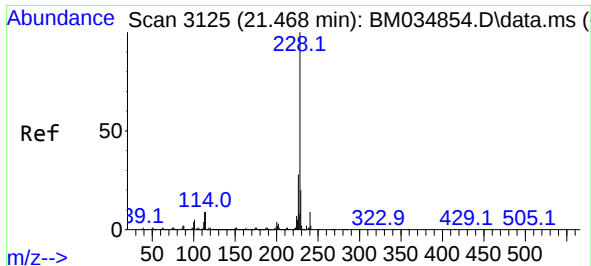


#79
Terphenyl-d14
Concen: 68.474 ng
RT: 19.903 min Scan# 2859
Delta R.T. -0.012 min
Lab File: BM035229.D
Acq: 24 May 2022 21:09



Tgt Ion:244 Resp: 2187608
Ion Ratio Lower Upper
244 100
212 7.3 6.2 9.4
122 8.9 8.3 12.5





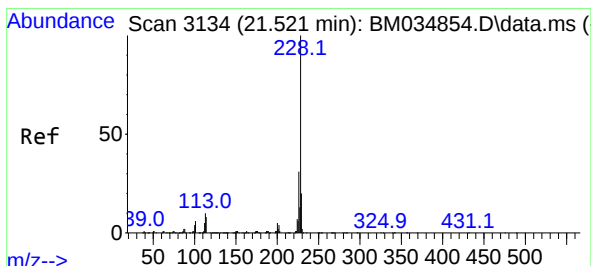
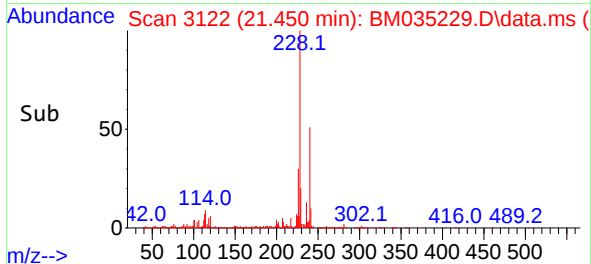
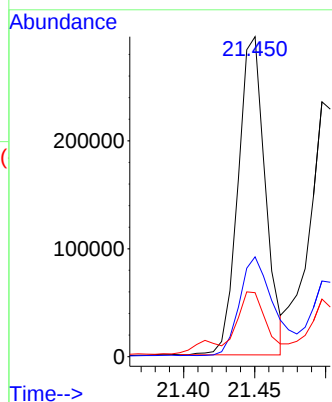
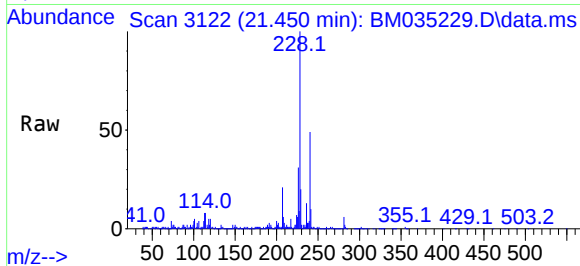
#81
Benzo(a)anthracene
Concen: 9.543 ng
RT: 21.450 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM035229.D
Acq: 24 May 2022 21:09

Instrument :
BNA_M
ClientSampleId :
SB-12(2.5-3)

Tgt Ion:228 Resp: 39389
Ion Ratio Lower Upper
228 100
226 31.2 22.3 33.5
229 20.0 15.8 23.6

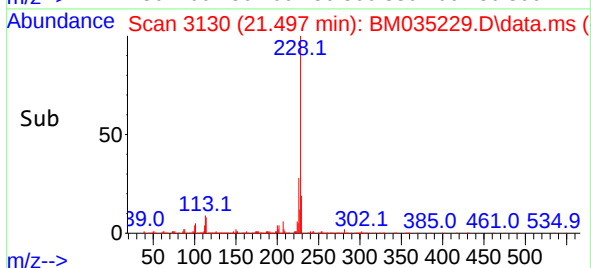
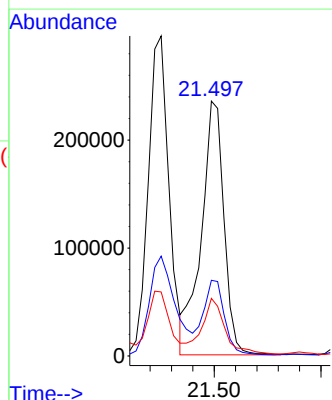
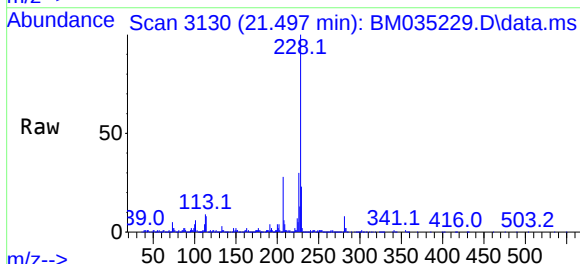
Manual Integrations
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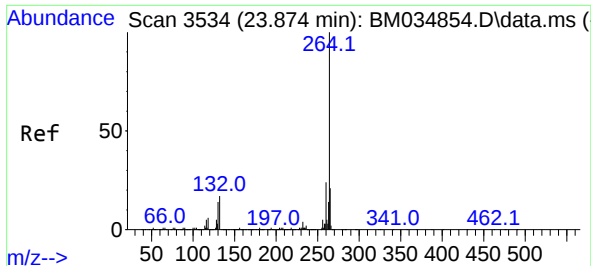
Reviewed By :Christian Giraldo 05/25/2022
Supervised By :Jagrut Upadhyay 05/25/2022



#83
Chrysene
Concen: 8.832 ng m
RT: 21.497 min Scan# 3130
Delta R.T. -0.012 min
Lab File: BM035229.D
Acq: 24 May 2022 21:09

Tgt Ion:228 Resp: 348204
Ion Ratio Lower Upper
228 100
226 29.7 24.4 36.6
229 22.6 15.8 23.8





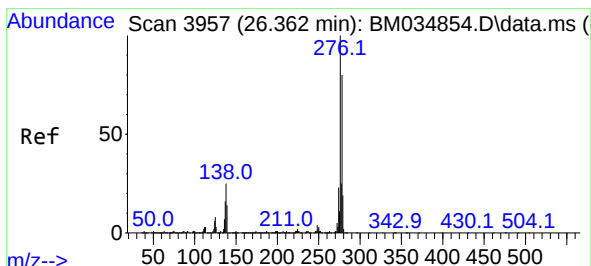
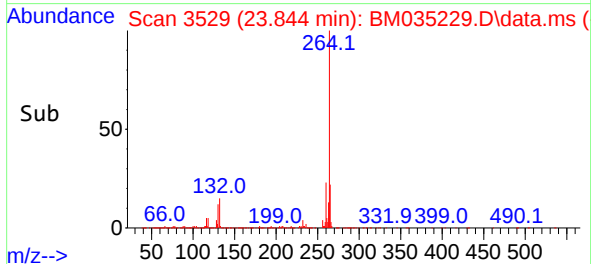
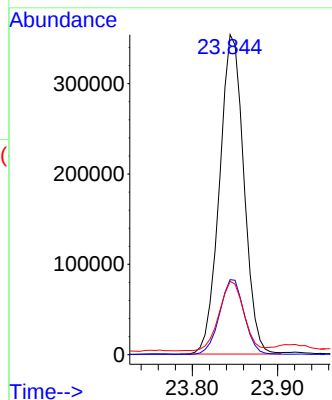
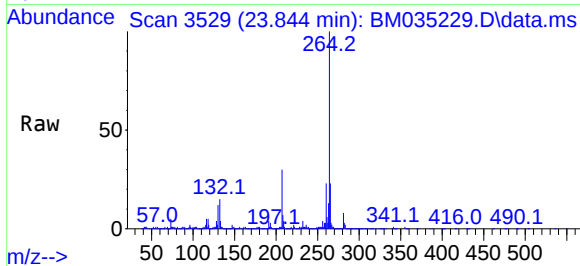
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.844 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM035229.D
Acq: 24 May 2022 21:09

Instrument :
BNA_M
ClientSampleId :
SB-12(2.5-3)

Tgt Ion:264 Resp: 703620
Ion Ratio Lower Upper
264 100
260 23.4 18.9 28.3
265 22.9 17.5 26.3

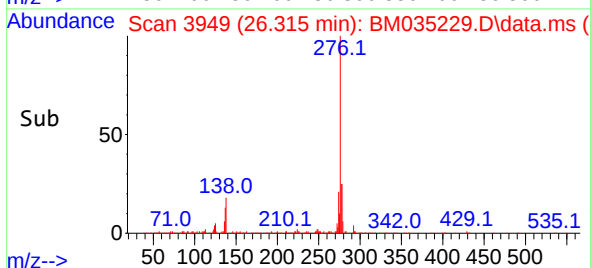
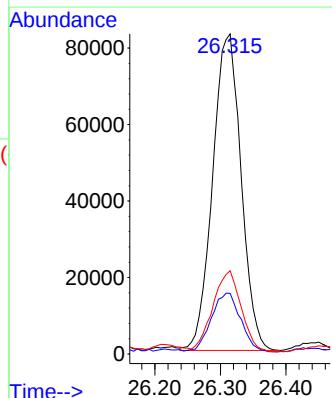
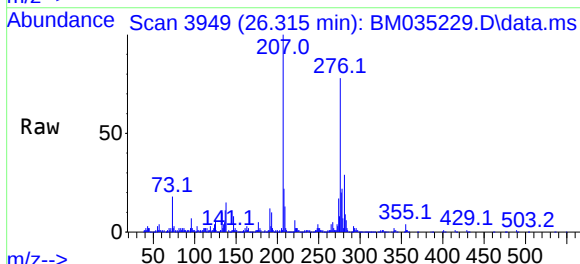
Manual Integrations
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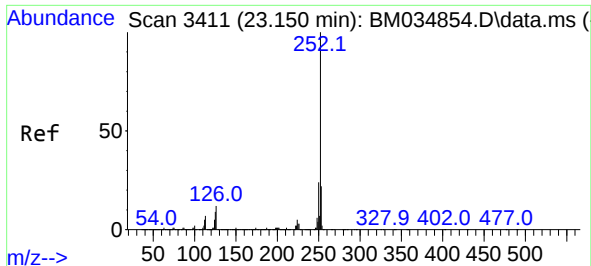
Reviewed By :Christian Giraldo 05/25/2022
Supervised By :Jagrut Upadhyay 05/25/2022



#87
Indeno(1,2,3-cd)pyrene
Concen: 4.667 ng
RT: 26.315 min Scan# 3949
Delta R.T. -0.018 min
Lab File: BM035229.D
Acq: 24 May 2022 21:09

Tgt Ion:276 Resp: 249645
Ion Ratio Lower Upper
276 100
138 19.1 20.2 30.4#
277 25.5 20.2 30.2





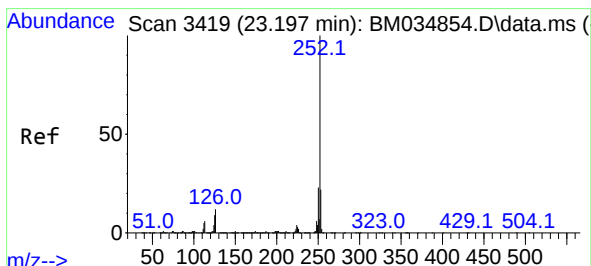
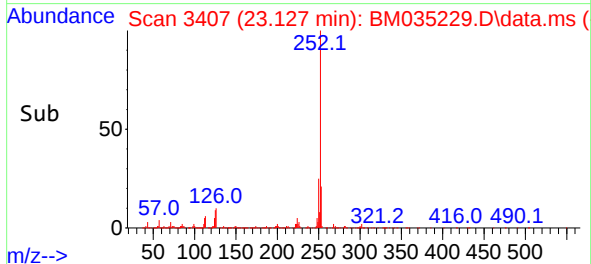
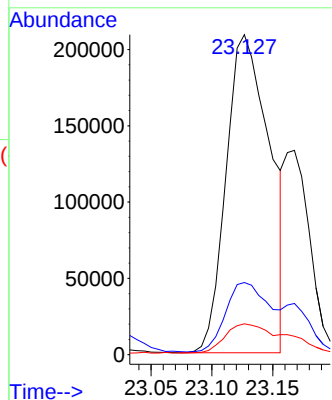
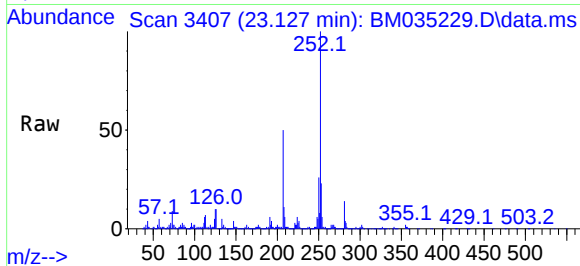
#88
Benzo(b)fluoranthene
Concen: 11.756 ng
RT: 23.127 min Scan# 3411
Delta R.T. -0.006 min
Lab File: BM035229.D
Acq: 24 May 2022 21:09

Instrument :
BNA_M
ClientSampleId :
SB-12(2.5-3)

Tgt Ion:252 Resp: 52024
Ion Ratio Lower Upper
252 100
253 22.5 17.6 26.4
125 9.7 7.6 11.4

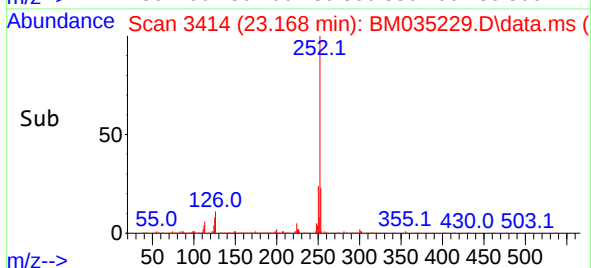
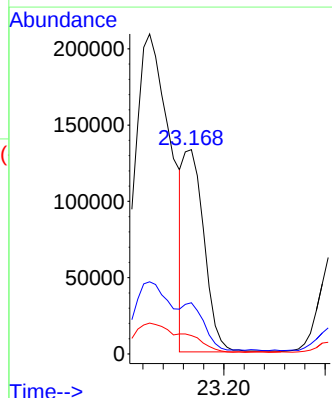
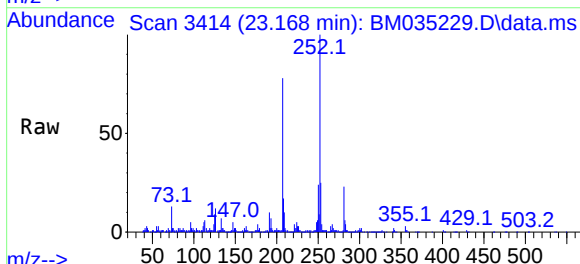
Manual Integrations
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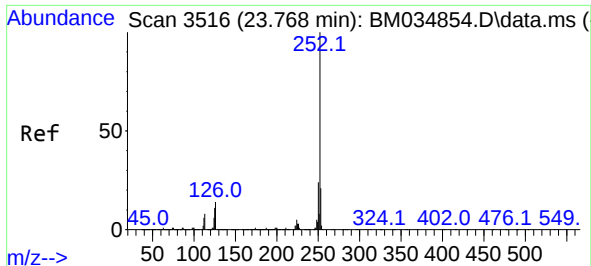
Reviewed By :Christian Giraldo 05/25/2022
Supervised By :Jagrut Upadhyay 05/25/2022



#89
Benzo(k)fluoranthene
Concen: 4.226 ng m
RT: 23.168 min Scan# 3414
Delta R.T. -0.012 min
Lab File: BM035229.D
Acq: 24 May 2022 21:09

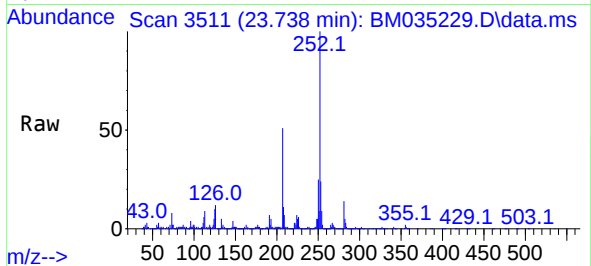
Tgt Ion:252 Resp: 189311
Ion Ratio Lower Upper
252 100
253 25.1 17.5 26.3
125 9.0 7.6 11.4





#90
Benzo(a)pyrene
Concen: 10.987 ng
RT: 23.738 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM035229.D
Acq: 24 May 2022 21:09

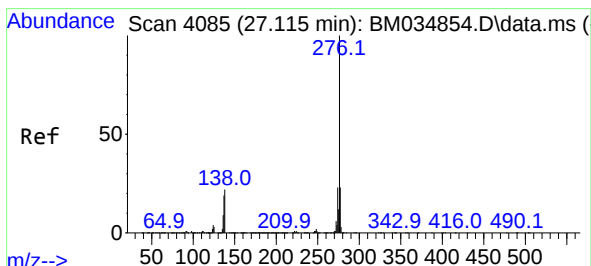
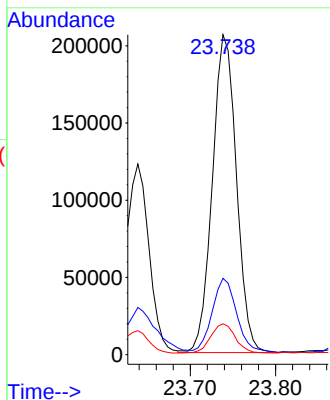
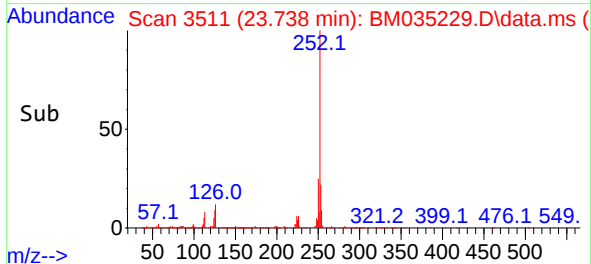
Instrument :
BNA_M
ClientSampleId :
SB-12(2.5-3)



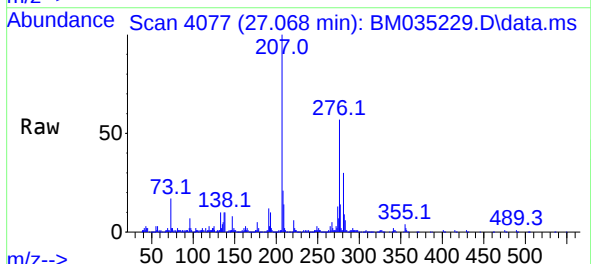
Tgt Ion:252 Resp: 403940
Ion Ratio Lower Upper
252 100
253 23.8 17.2 25.8
125 9.6 8.7 13.1

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 4.784 ng
RT: 27.068 min Scan# 4077
Delta R.T. -0.024 min
Lab File: BM035229.D
Acq: 24 May 2022 21:09



Tgt Ion:276 Resp: 206281
Ion Ratio Lower Upper
276 100
277 24.0 18.7 28.1
138 16.9 17.6 26.4#

