

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032322\
 Data File : BM034351.D
 Acq On : 23 Mar 2022 22:33
 Operator : CG/JU
 Sample : N1958-05 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C-5-4-5

Manual Integrations
 APPROVED

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

Quant Time: Mar 24 02:43:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 24 02:40:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.936	152	181215	20.000	ng	0.00
21) Naphthalene-d8	10.748	136	690211	20.000	ng	0.00
39) Acenaphthene-d10	14.577	164	392405	20.000	ng	0.00
64) Phenanthrene-d10	17.318	188	738928	20.000	ng	0.00
76) Chrysene-d12	21.489	240	705684	20.000	ng	0.00
86) Perylene-d12	23.906	264	794028	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.490	112	152525	15.099	ng	0.00
7) Phenol-d6	7.095	99	189830	13.125	ng	0.00
23) Nitrobenzene-d5	9.095	82	127067	8.963	ng	-0.01
42) 2,4,6-Tribromophenol	16.059	330	65219	12.331	ng	0.00
45) 2-Fluorobiphenyl	13.207	172	273161	9.512	ng	0.00
79) Terphenyl-d14	19.936	244	366606	9.027	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.359	178	102443	2.476	ng	97
75) Fluoranthene	19.371	202	214517	4.624	ng	98
78) Pyrene	19.730	202	209203	4.208	ng	99
81) Benzo(a)anthracene	21.471	228	105574	2.370	ng	96
83) Chrysene	21.524	228	104033	2.287	ng	95
84) Bis(2-ethylhexyl)phtha...	21.400	149	82104	2.644	ng	# 99
88) Benzo(b)fluoranthene	23.171	252	143874m	3.030	ng	
90) Benzo(a)pyrene	23.794	252	102859	2.555	ng	# 88

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

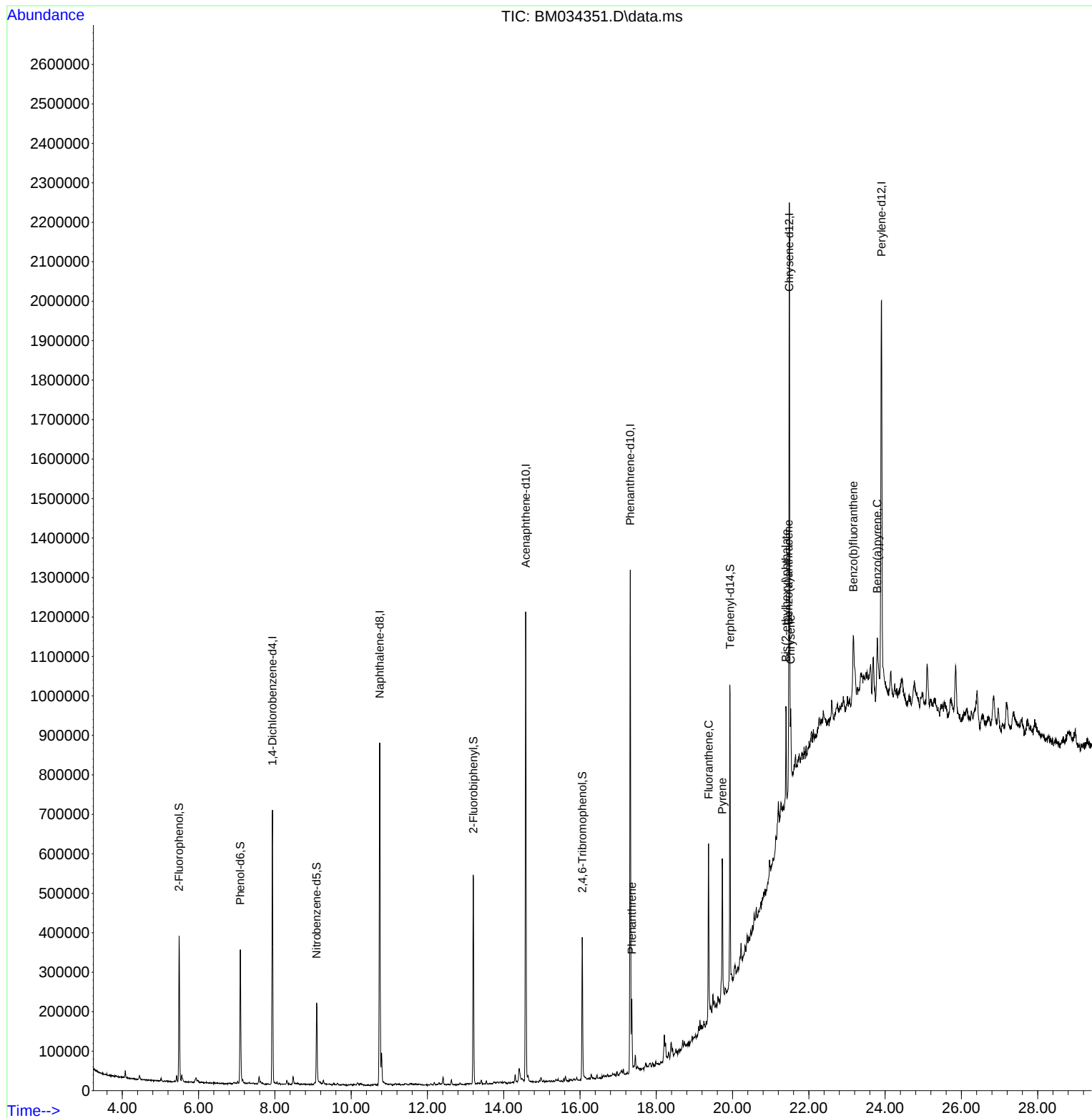
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032322\
Data File : BM034351.D
Acq On : 23 Mar 2022 22:33
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ALS Vial : 13 Sample Multiplier: 1

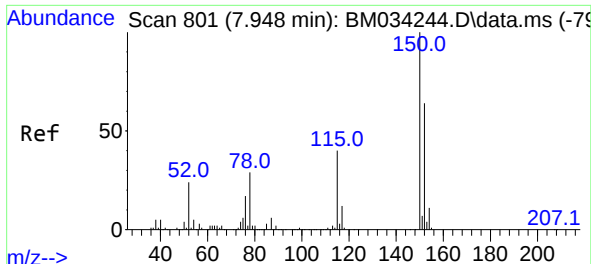
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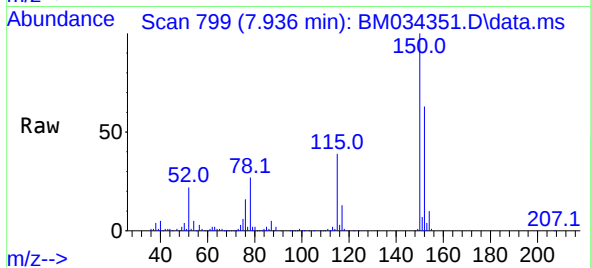
Quant Time: Mar 24 02:43:54 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 24 02:40:59 2022
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.936 min Scan# 799
Delta R.T. -0.006 min
Lab File: BM034351.D
Acq: 23 Mar 2022 22:33

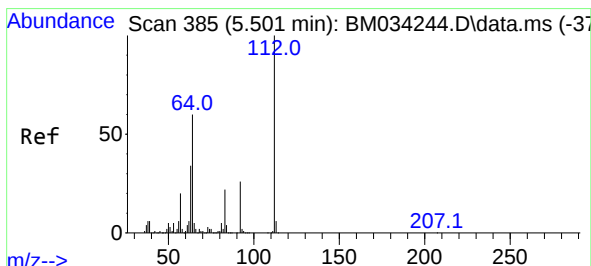
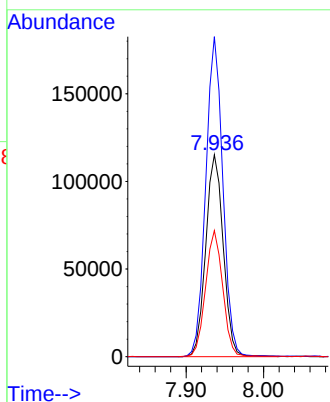
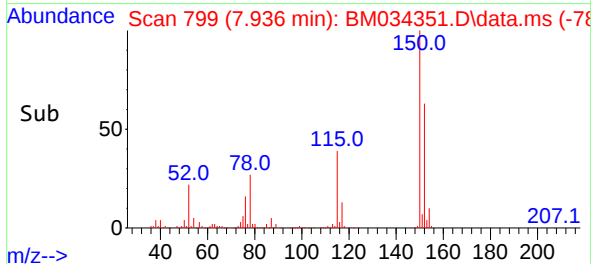
Instrument :
BNA_M
ClientSampleId :
C-5-4-5



Tgt Ion:152 Resp: 181215
Ion Ratio Lower Upper
152 100
150 158.5 125.4 188.2
115 62.4 50.1 75.1

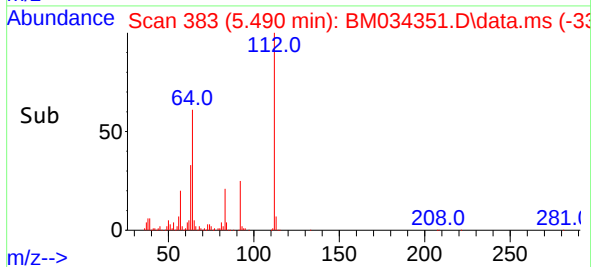
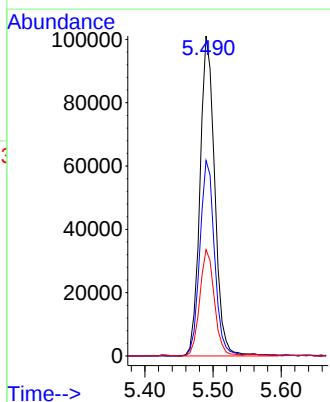
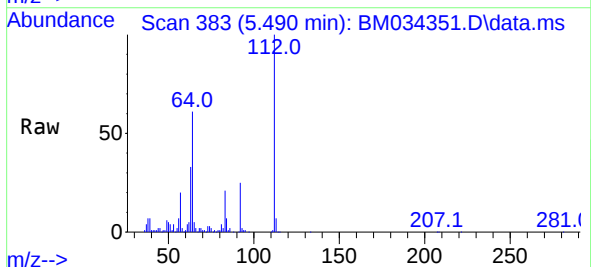
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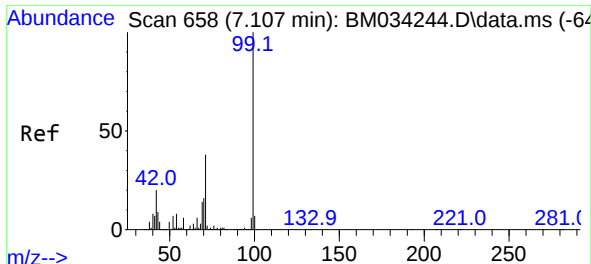
Reviewed By :Christian Giraldo 03/24/2022
Supervised By :Jagrut Upadhyay 03/24/2022



#5
2-Fluorophenol
Concen: 15.099 ng
RT: 5.490 min Scan# 383
Delta R.T. -0.000 min
Lab File: BM034351.D
Acq: 23 Mar 2022 22:33

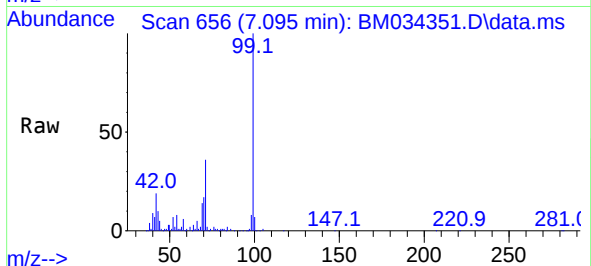
Tgt Ion:112 Resp: 152525
Ion Ratio Lower Upper
112 100
64 61.0 47.9 71.9
63 33.2 27.1 40.7





#7
Phenol-d6
Concen: 13.125 ng
RT: 7.095 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM034351.D
Acq: 23 Mar 2022 22:33

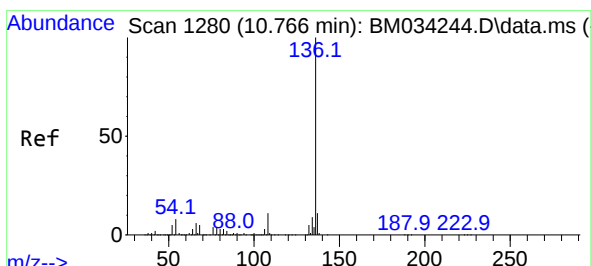
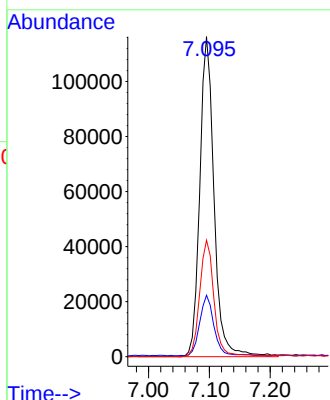
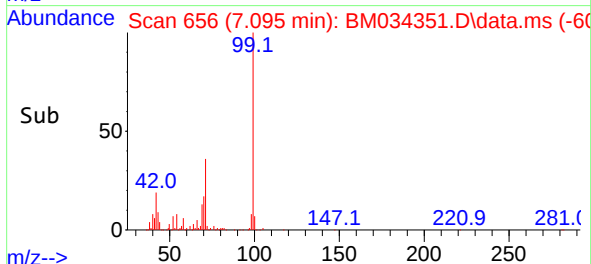
Instrument :
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ClientSampleId :
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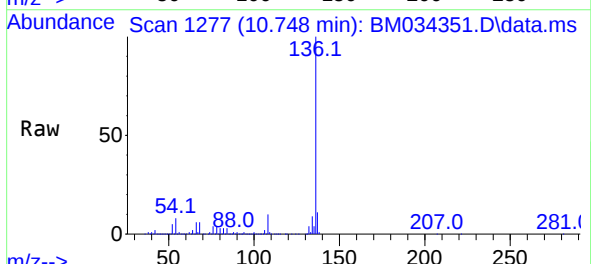
Tgt Ion: 99 Resp: 189830
Ion Ratio Lower Upper
99 100
42 19.2 15.6 23.4
71 36.4 30.6 46.0

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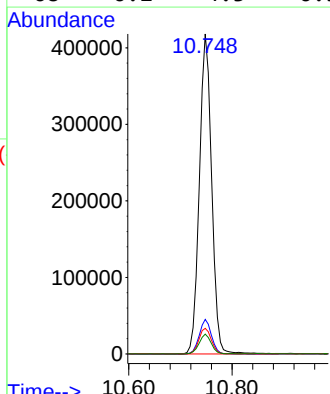
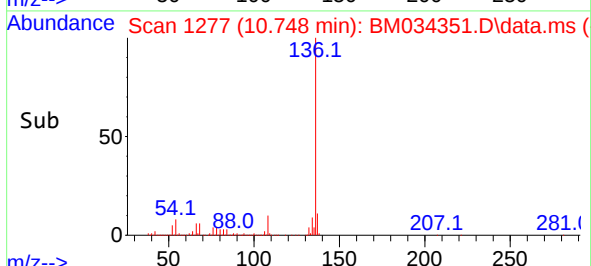
Reviewed By :Christian Giraldo 03/24/2022
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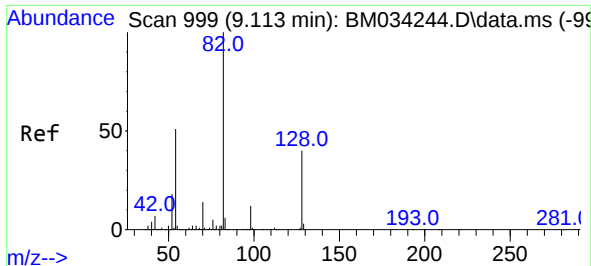


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.748 min Scan# 1277
Delta R.T. -0.006 min
Lab File: BM034351.D
Acq: 23 Mar 2022 22:33



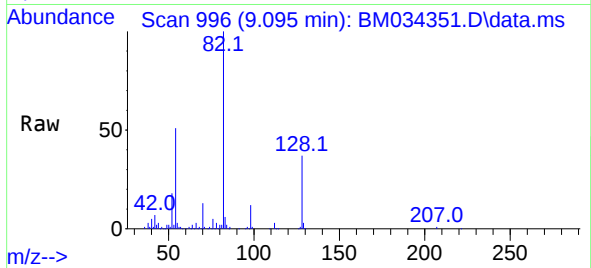
Tgt Ion:136 Resp: 690211
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.0 6.2 9.4
68 6.2 4.3 6.5





#23
Nitrobenzene-d5
Concen: 8.963 ng
RT: 9.095 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM034351.D
Acq: 23 Mar 2022 22:33

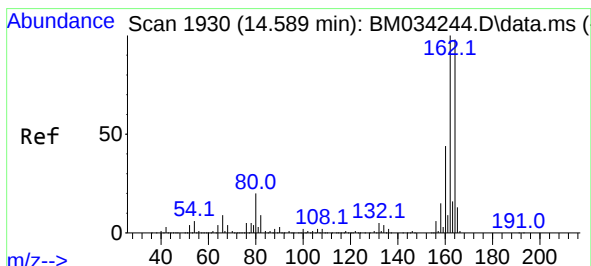
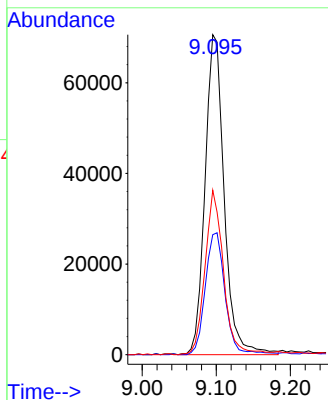
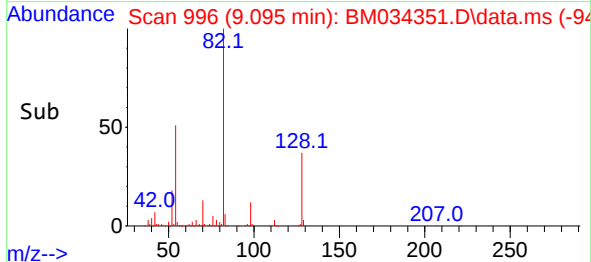
Instrument :
BNA_M
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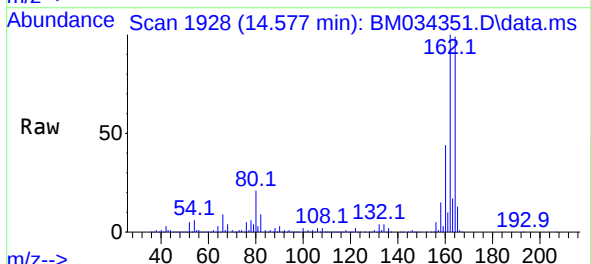
Tgt Ion: 82 Resp: 12706
Ion Ratio Lower Upper
82 100
128 37.5 31.9 47.9
54 51.4 40.6 61.0

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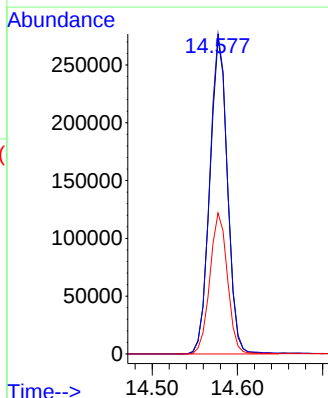
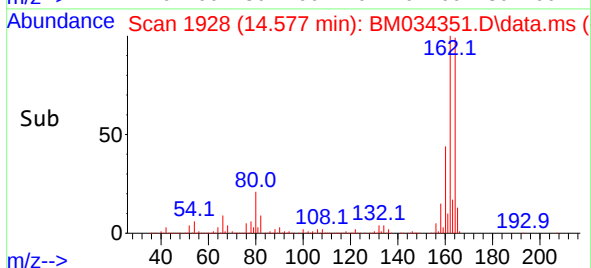
Reviewed By :Christian Giraldo 03/24/2022
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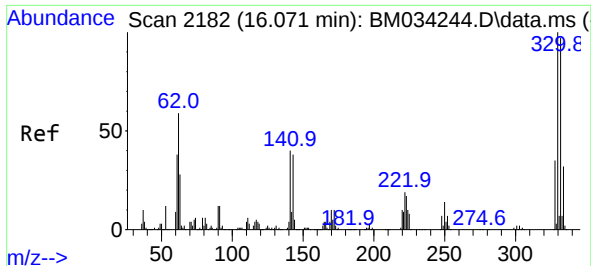


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.577 min Scan# 1928
Delta R.T. -0.006 min
Lab File: BM034351.D
Acq: 23 Mar 2022 22:33



Tgt Ion:164 Resp: 392405
Ion Ratio Lower Upper
164 100
162 101.5 81.6 122.4
160 44.7 35.6 53.4





#42
2,4,6-Tribromophenol
Concen: 12.331 ng
RT: 16.059 min Scan# 2182
Delta R.T. -0.006 min
Lab File: BM034351.D
Acq: 23 Mar 2022 22:33

Instrument :

BNA_M

ClientSampleId :

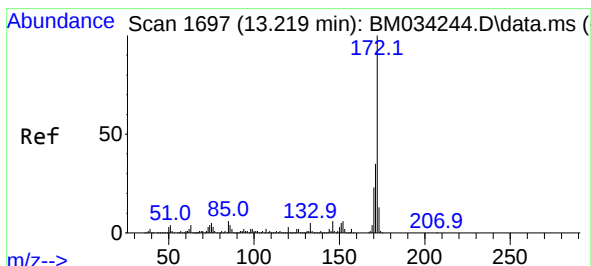
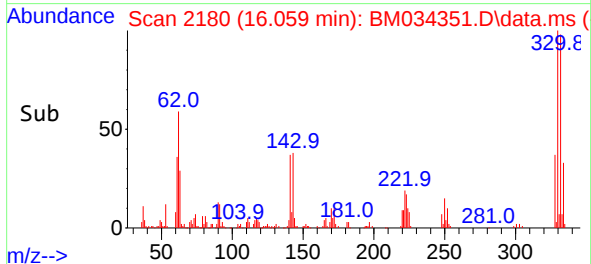
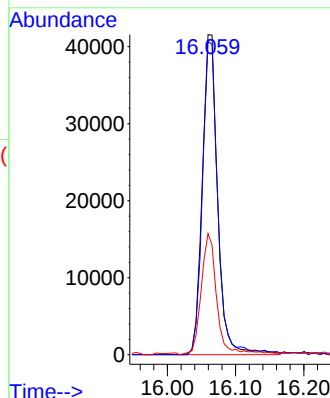
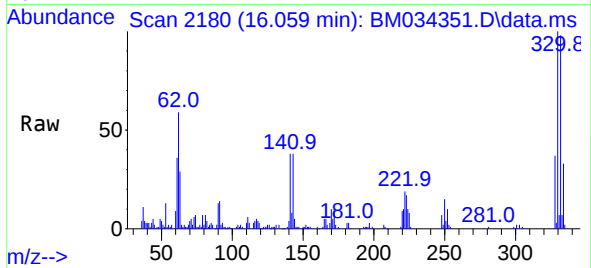
C-5-4-5

Tgt Ion:330 Resp: 65219
Ion Ratio Lower Upper
330 100
332 97.9 78.2 117.4
141 38.7 30.6 45.8

Manual Integrations

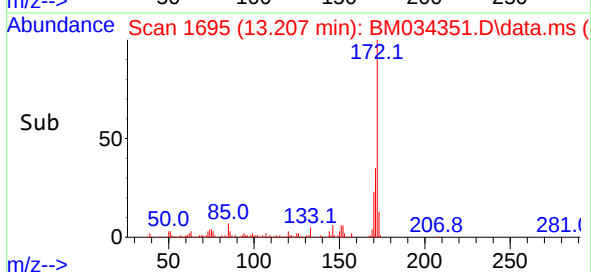
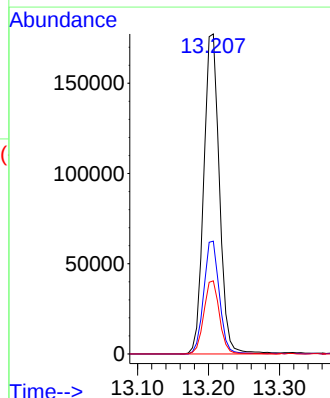
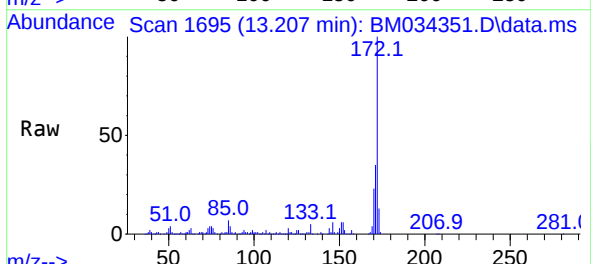
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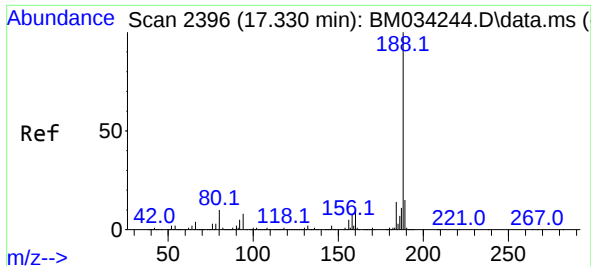
Reviewed By :Christian Giraldo 03/24/2022
Supervised By :Jagrut Upadhyay 03/24/2022



#45
2-Fluorobiphenyl
Concen: 9.512 ng
RT: 13.207 min Scan# 1695
Delta R.T. -0.006 min
Lab File: BM034351.D
Acq: 23 Mar 2022 22:33

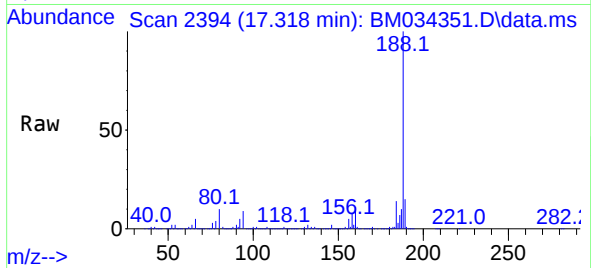
Tgt Ion:172 Resp: 273161
Ion Ratio Lower Upper
172 100
171 35.2 28.0 42.0
170 22.9 18.6 28.0





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.318 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM034351.D
Acq: 23 Mar 2022 22:33

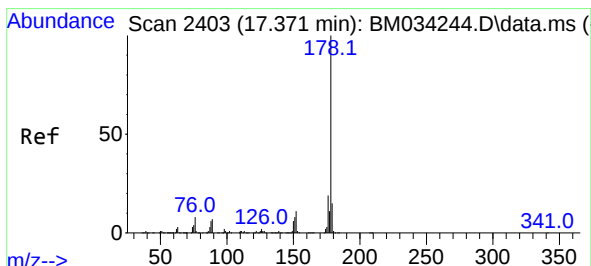
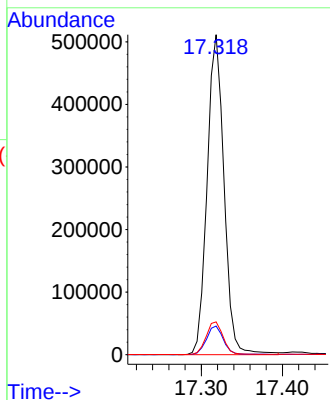
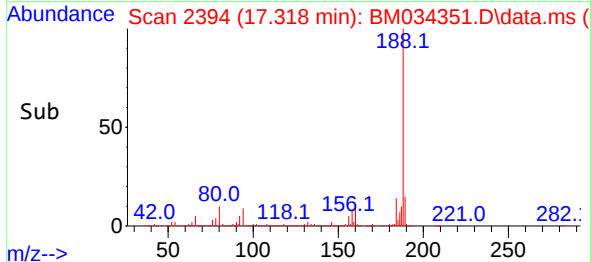
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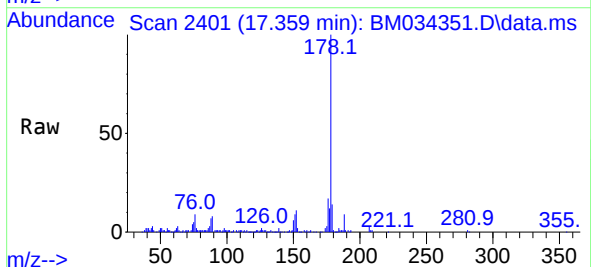
Tgt Ion:188 Resp: 738928
Ion Ratio Lower Upper
188 100
94 9.0 6.6 9.8
80 10.3 7.8 11.8

Manual Integrations
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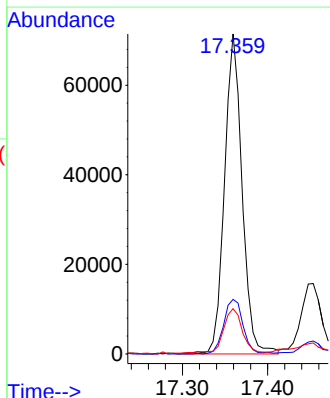
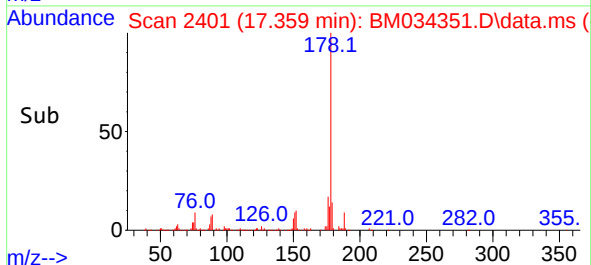
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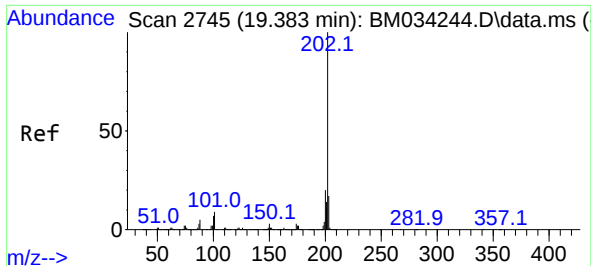


#71
Phenanthrene
Concen: 2.476 ng
RT: 17.359 min Scan# 2401
Delta R.T. -0.006 min
Lab File: BM034351.D
Acq: 23 Mar 2022 22:33



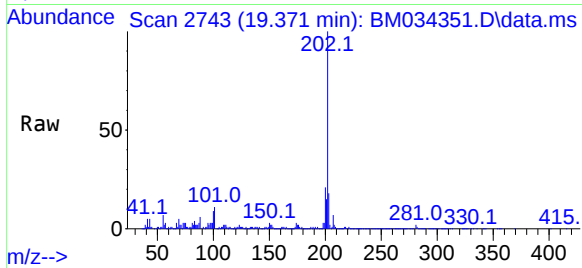
Tgt Ion:178 Resp: 102443
Ion Ratio Lower Upper
178 100
176 17.1 15.1 22.7
179 14.2 12.2 18.4





#75
Fluoranthene
Concen: 4.624 ng
RT: 19.371 min Scan# 21451
Delta R.T. -0.006 min
Lab File: BM034351.D
Acq: 23 Mar 2022 22:33

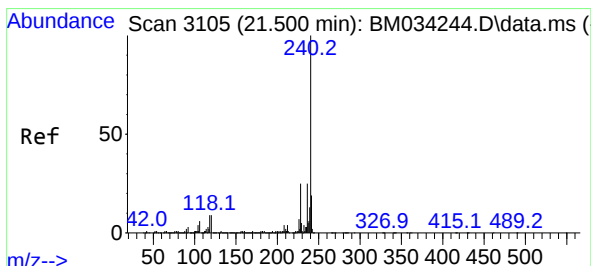
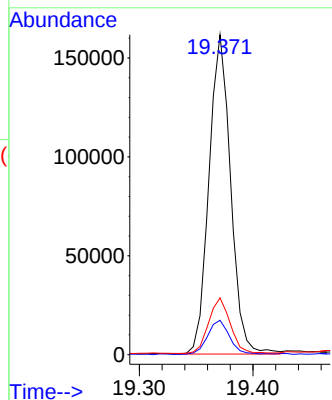
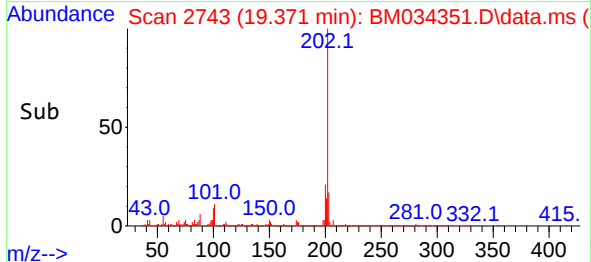
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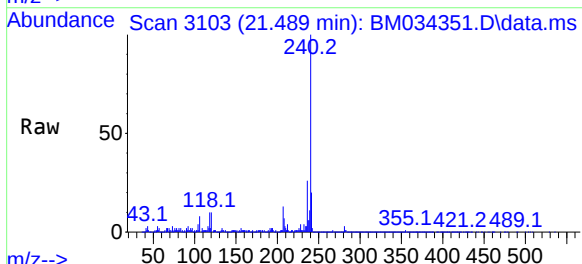
Tgt Ion:202 Resp: 21451
Ion Ratio Lower Upper
202 100
101 10.7 0.0 29.4
203 17.8 0.0 37.1

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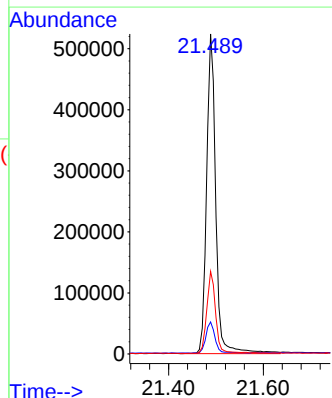
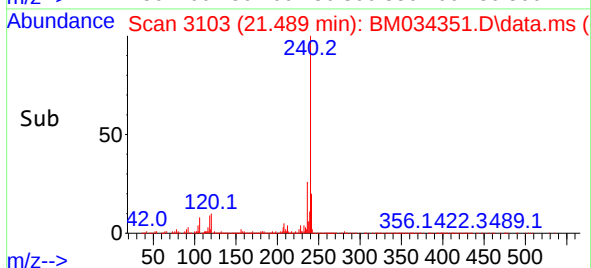
Reviewed By :Christian Giraldo 03/24/2022
Supervised By :Jagrut Upadhyay 03/24/2022

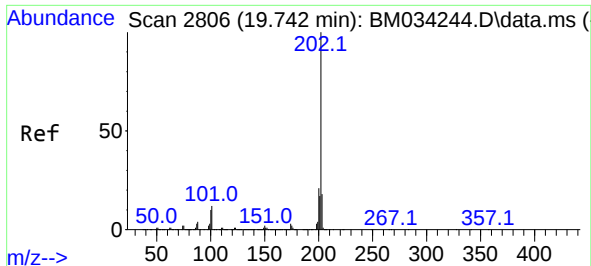


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.489 min Scan# 3103
Delta R.T. -0.006 min
Lab File: BM034351.D
Acq: 23 Mar 2022 22:33



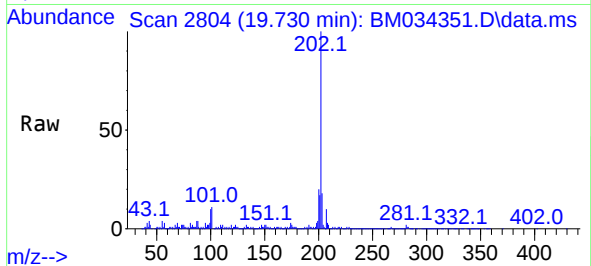
Tgt Ion:240 Resp: 705684
Ion Ratio Lower Upper
240 100
120 10.0 7.3 10.9
236 25.8 20.2 30.2





#78
Pyrene
Concen: 4.208 ng
RT: 19.730 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM034351.D
Acq: 23 Mar 2022 22:33

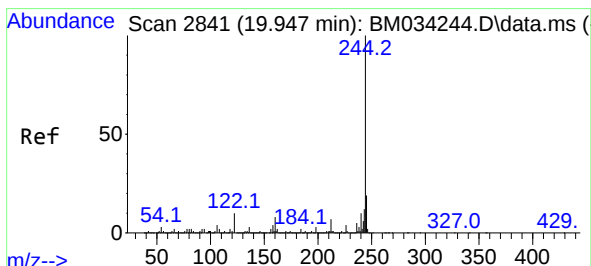
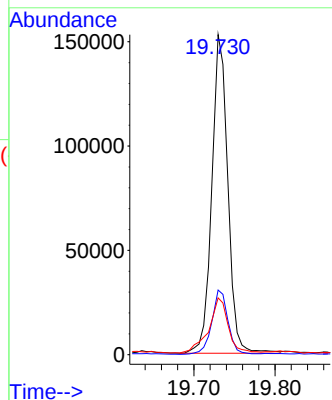
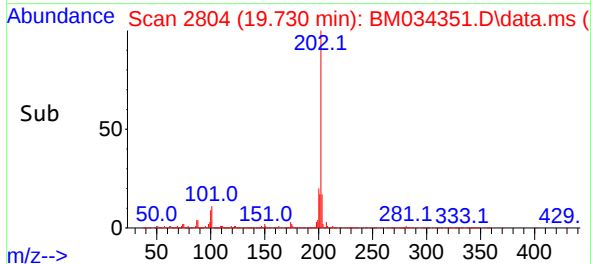
Instrument :
BNA_M
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Tgt Ion:202 Resp: 20920
Ion Ratio Lower Upper
202 100
200 20.2 16.6 24.8
203 17.8 14.1 21.1

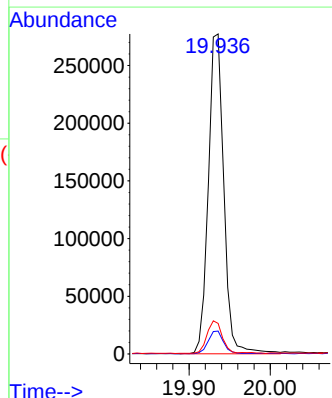
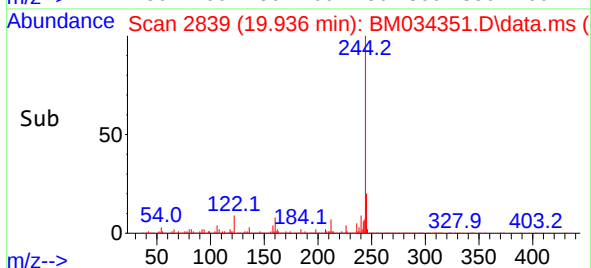
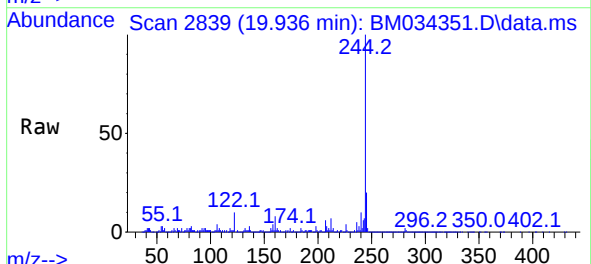
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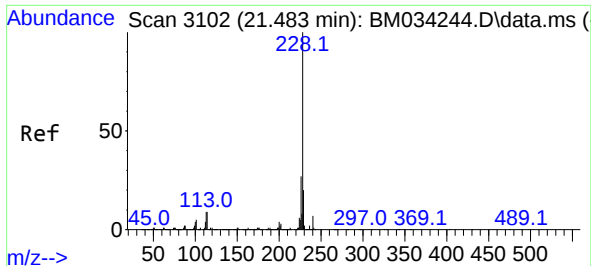
Reviewed By :Christian Giraldo 03/24/2022
Supervised By :Jagrut Upadhyay 03/24/2022



#79
Terphenyl-d14
Concen: 9.027 ng
RT: 19.936 min Scan# 2839
Delta R.T. -0.000 min
Lab File: BM034351.D
Acq: 23 Mar 2022 22:33

Tgt Ion:244 Resp: 366606
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 9.6 7.8 11.8





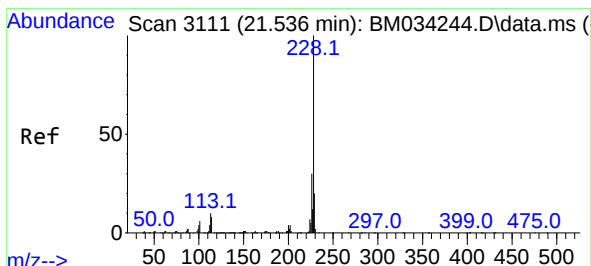
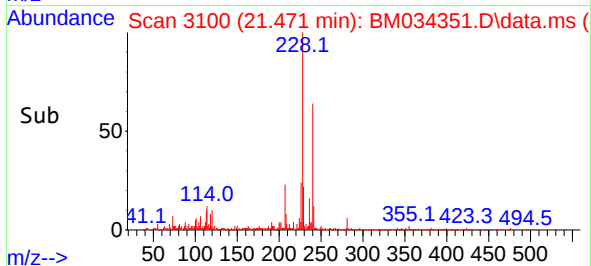
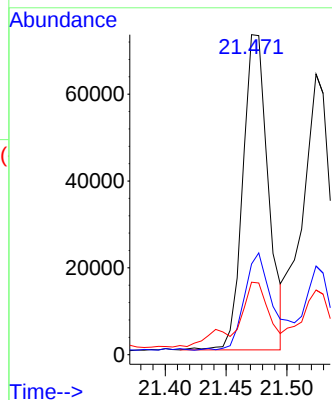
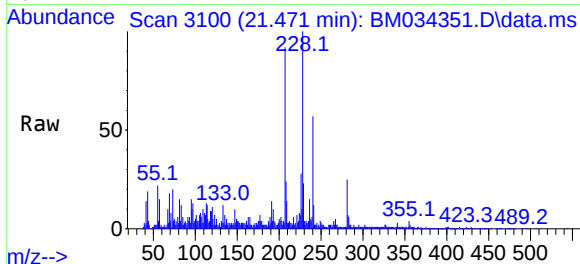
#81
Benzo(a)anthracene
Concen: 2.370 ng
RT: 21.471 min Scan# 3108
Delta R.T. -0.006 min
Lab File: BM034351.D
Acq: 23 Mar 2022 22:33

Instrument :
BNA_M
ClientSampleId :
C-5-4-5

Tgt Ion:228 Resp: 105574
Ion Ratio Lower Upper
228 100
226 28.4 21.6 32.4
229 22.6 15.8 23.6

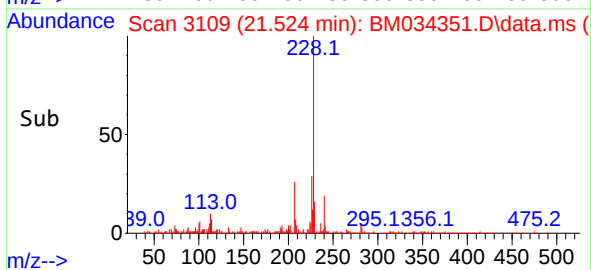
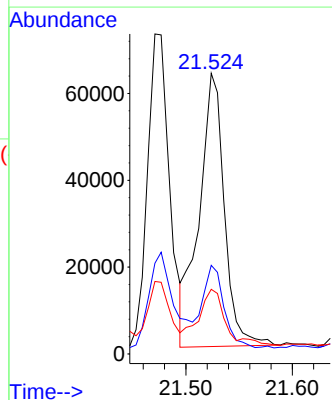
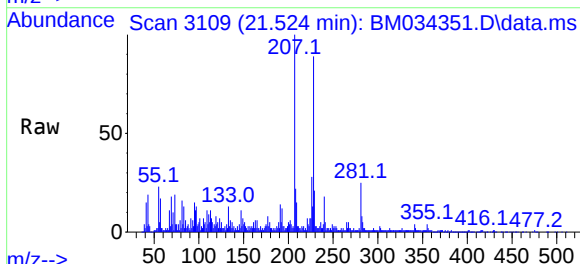
Manual Integrations
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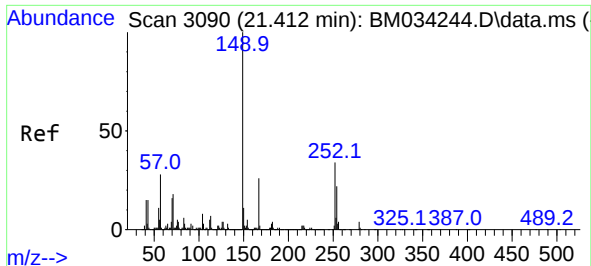
Reviewed By :Christian Giraldo 03/24/2022
Supervised By :Jagrut Upadhyay 03/24/2022



#83
Chrysene
Concen: 2.287 ng
RT: 21.524 min Scan# 3109
Delta R.T. -0.012 min
Lab File: BM034351.D
Acq: 23 Mar 2022 22:33

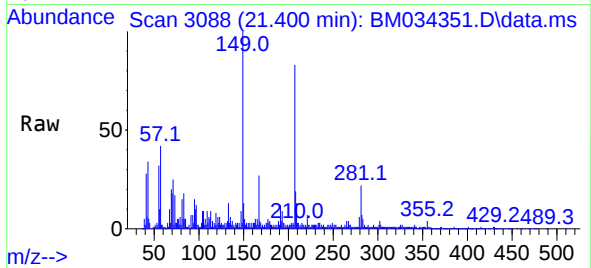
Tgt Ion:228 Resp: 104033
Ion Ratio Lower Upper
228 100
226 31.6 23.8 35.6
229 23.1 15.6 23.4





#84
Bis(2-ethylhexyl)phthalate
Concen: 2.644 ng
RT: 21.400 min Scan# 3090
Delta R.T. -0.006 min
Lab File: BM034351.D
Acq: 23 Mar 2022 22:33

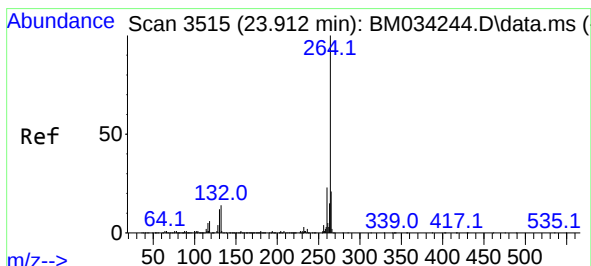
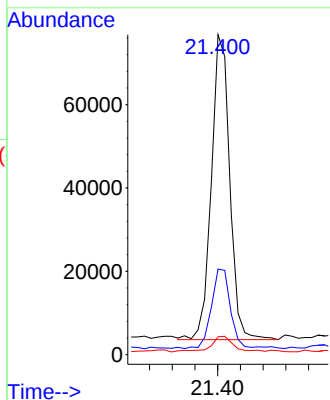
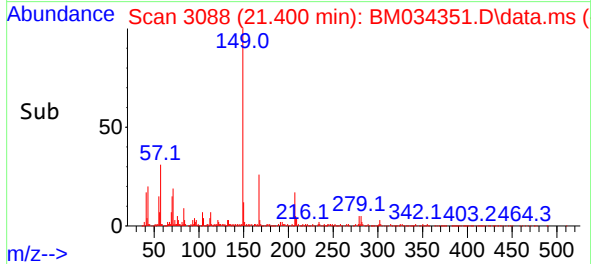
Instrument :
BNA_M
ClientSampleId :
C-5-4-5



Tgt Ion:149 Resp: 82104
Ion Ratio Lower Upper
149 100
167 26.7 21.2 31.8
279 5.6 3.4 5.2

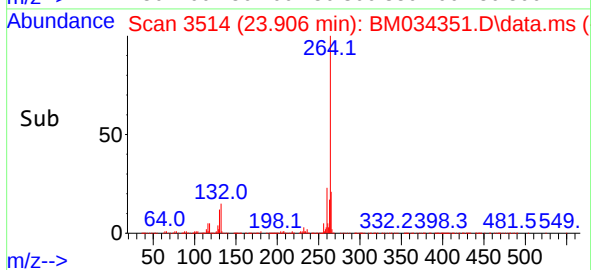
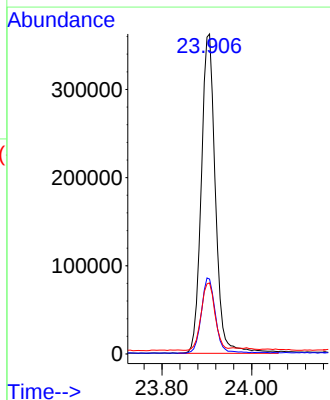
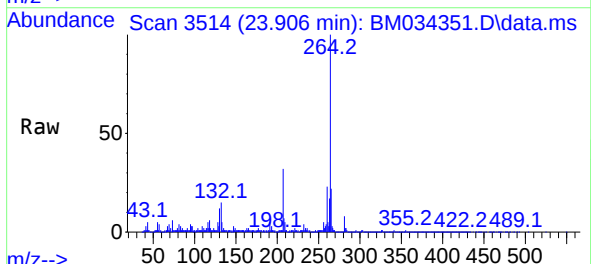
Manual Integrations
APPROVED

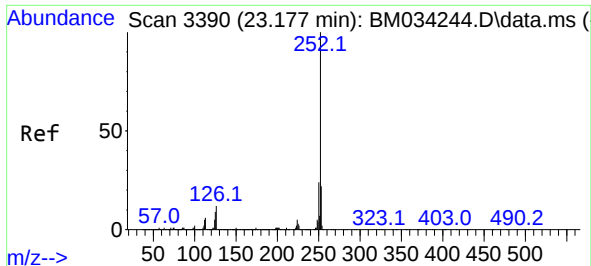
Reviewed By :Christian Giraldo 03/24/2022
Supervised By :Jagrut Upadhyay 03/24/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.906 min Scan# 3514
Delta R.T. -0.000 min
Lab File: BM034351.D
Acq: 23 Mar 2022 22:33

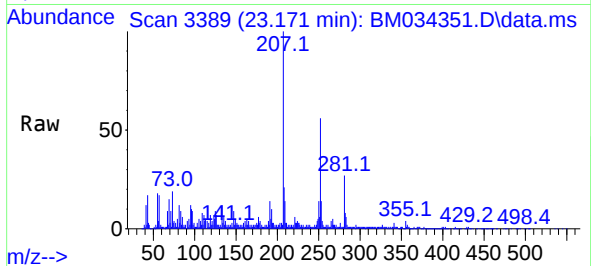
Tgt Ion:264 Resp: 794028
Ion Ratio Lower Upper
264 100
260 23.4 18.6 28.0
265 22.2 17.6 26.4





#88
Benzo(b)fluoranthene
Concen: 3.030 ng m
RT: 23.171 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM034351.D
Acq: 23 Mar 2022 22:33

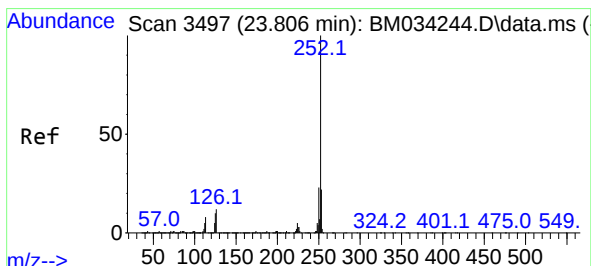
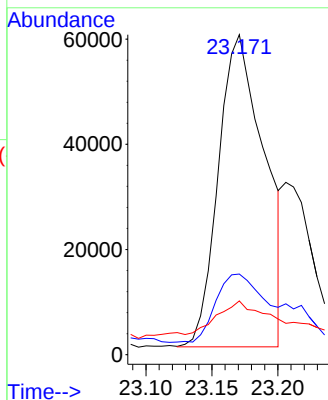
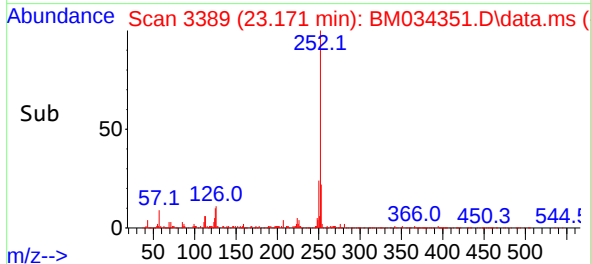
Instrument :
BNA_M
ClientSampleId :
C-5-4-5



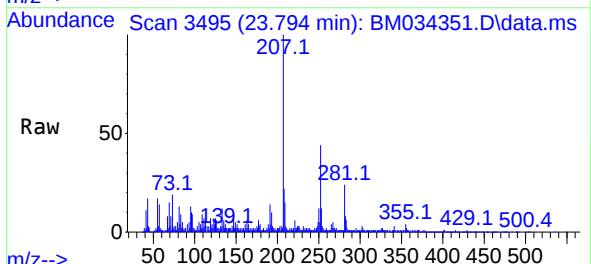
Tgt Ion:252 Resp: 143874
Ion Ratio Lower Upper
252 100
253 25.2 17.8 26.8
125 16.8 7.2 10.8

Manual Integrations
APPROVED

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



#90
Benzo(a)pyrene
Concen: 2.555 ng
RT: 23.794 min Scan# 3495
Delta R.T. -0.006 min
Lab File: BM034351.D
Acq: 23 Mar 2022 22:33



Tgt Ion:252 Resp: 102859
Ion Ratio Lower Upper
252 100
253 26.1 17.5 26.3
125 16.9 7.8 11.6

