

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032422\
 Data File : BM034374.D
 Acq On : 24 Mar 2022 22:17
 Operator : CG/JU
 Sample : N2077-11 10X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WC-14A-3-2

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/25/2022
 Supervised By : Jagrut Upadhyay 03/25/2022

Quant Time: Mar 25 01:11:03 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	7.937	152	190722	20.00	ng	0.00
21) Naphthalene-d8	10.748	136	695217	20.00	ng	# 0.00
39) Acenaphthene-d10	14.583	164	381596	20.00	ng	0.00
64) Phenanthrene-d10	17.324	188	680713	20.00	ng	# 0.00
76) Chrysene-d12	21.500	240	703842	20.00	ng	# 0.00
86) Perylene-d12	23.930	264	797825	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.496	112	86481	8.13	ng	0.00
7) Phenol-d6	7.101	99	98524	6.47	ng	0.00
23) Nitrobenzene-d5	9.101	82	69180	4.84	ng	0.00
42) 2,4,6-Tribromophenol	16.065	330	33679	6.55	ng	0.00
45) 2-Fluorobiphenyl	13.207	172	144940	5.19	ng	0.00
79) Terphenyl-d14	19.942	244	195984	4.84	ng	0.00
Target Compounds						Qvalue
38) 1-Methylnaphthalene	12.630	142	104822	4.15	ng	98
71) Phenanthrene	17.365	178	329882m	8.65	ng	
72) Anthracene	17.454	178	124901	3.37	ng	# 79
75) Fluoranthene	19.383	202	121392	2.84	ng	65
78) Pyrene	19.742	202	517277	10.43	ng	# 94
81) Benzo(a)anthracene	21.483	228	344497	7.75	ng	# 72
83) Chrysene	21.536	228	490474	10.81	ng	# 77
88) Benzo(b)fluoranthene	23.189	252	145372m	3.05	ng	
90) Benzo(a)pyrene	23.818	252	215668	5.33	ng	# 53
92) Benzo(g,h,i)perylene	27.229	276	138697	3.22	ng	# 77

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

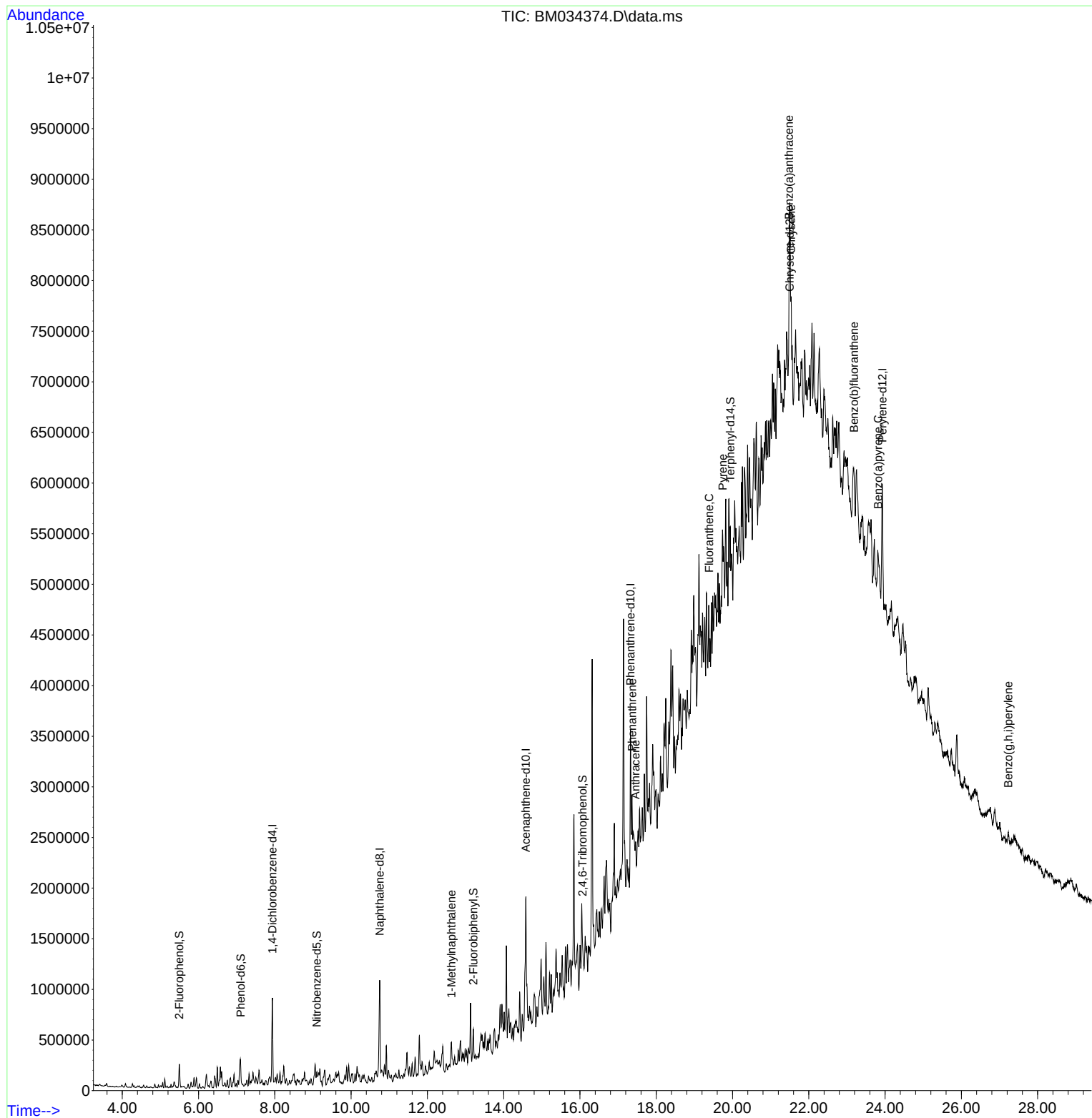
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032422\
Data File : BM034374.D
Acq On : 24 Mar 2022 22:17
Operator : CG/JU
Sample : N2077-11 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

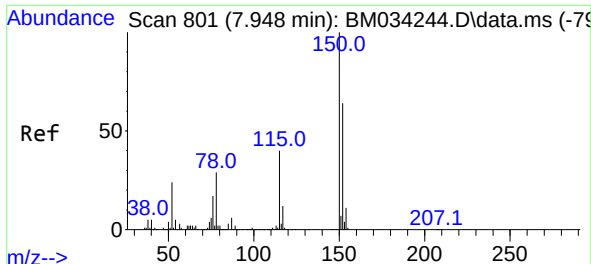
Instrument :
BNA_M
ClientSampleId :
WC-14A-3-2

Quant Time: Mar 25 01:11:03 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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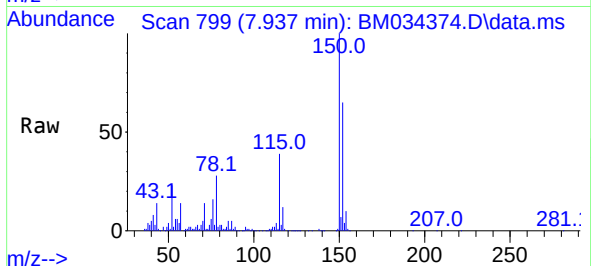
Reviewed By : Christian Giraldo 03/25/2022
Supervised By : Jagrut Upadhyay 03/25/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.937 min Scan# 79
Delta R.T. -0.005 min
Lab File: BM034374.D
Acq: 24 Mar 2022 22:17

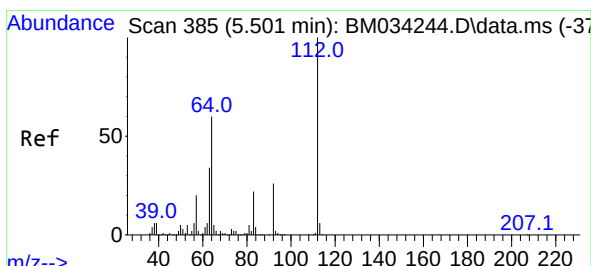
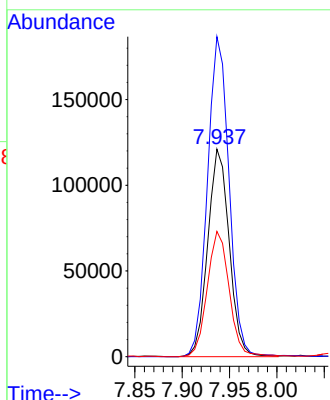
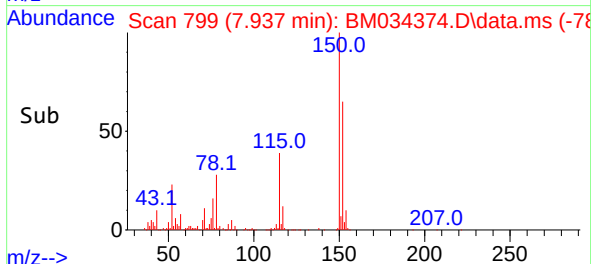
Instrument :
BNA_M
ClientSampleId :
WC-14A-3-2



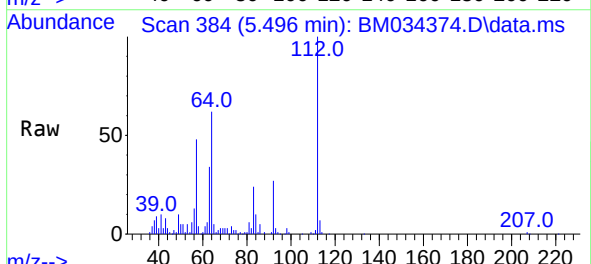
Tgt Ion:152 Resp: 19072
Ion Ratio Lower Upper
152 100
150 154.2 125.4 188.2
115 60.4 50.1 75.1

Manual Integrations
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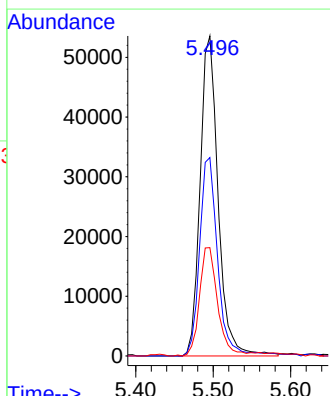
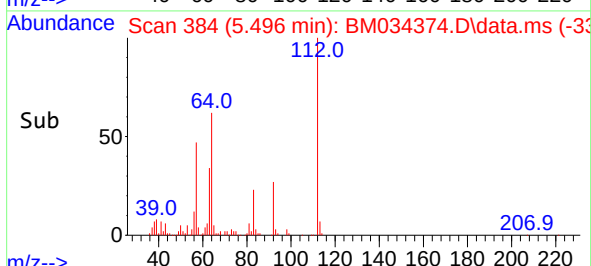
Reviewed By :Christian Giraldo 03/25/2022
Supervised By :Jagrut Upadhyay 03/25/2022

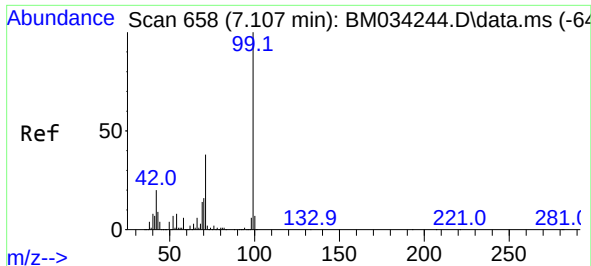


#5
2-Fluorophenol
Concen: 8.13 ng
RT: 5.496 min Scan# 384
Delta R.T. 0.006 min
Lab File: BM034374.D
Acq: 24 Mar 2022 22:17



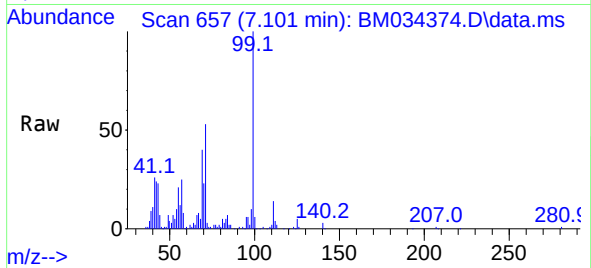
Tgt Ion:112 Resp: 86481
Ion Ratio Lower Upper
112 100
64 62.0 47.9 71.9
63 33.9 27.1 40.7





#7
Phenol-d6
Concen: 6.47 ng
RT: 7.101 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM034374.D
Acq: 24 Mar 2022 22:17

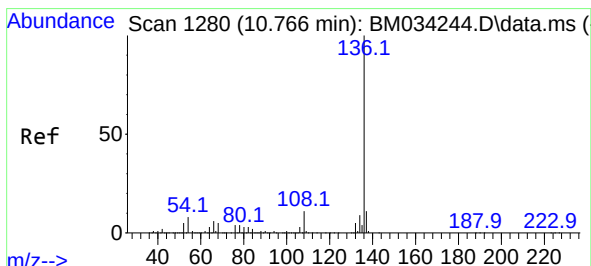
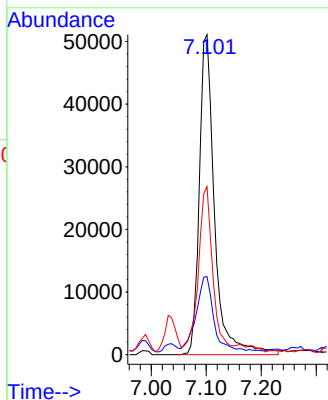
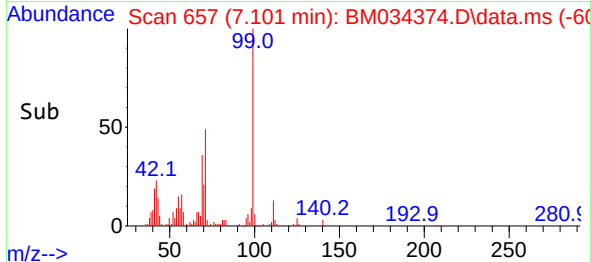
Instrument :
BNA_M
ClientSampleId :
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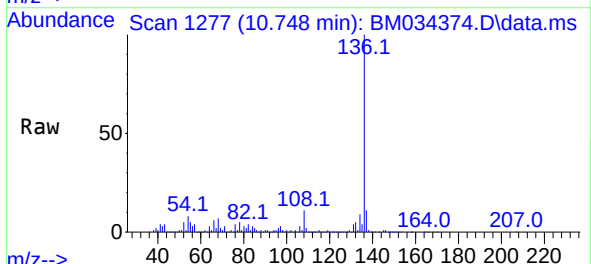
Tgt Ion: 99 Resp: 98524
Ion Ratio Lower Upper
99 100
42 24.4 15.6 23.4
71 52.5 30.6 46.0

Manual Integrations
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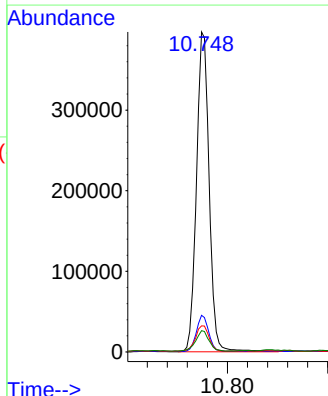
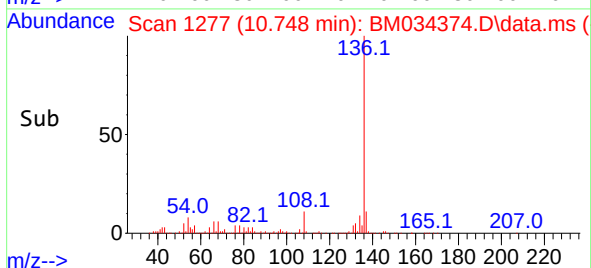
Reviewed By :Christian Giraldo 03/25/2022
Supervised By :Jagrut Upadhyay 03/25/2022

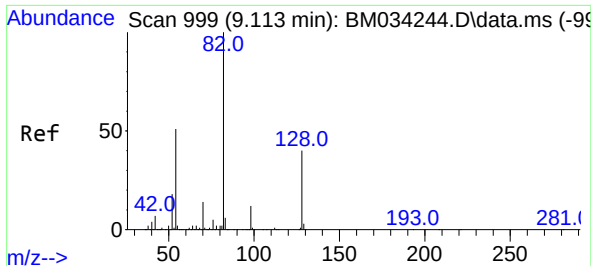


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.748 min Scan# 1277
Delta R.T. -0.006 min
Lab File: BM034374.D
Acq: 24 Mar 2022 22:17



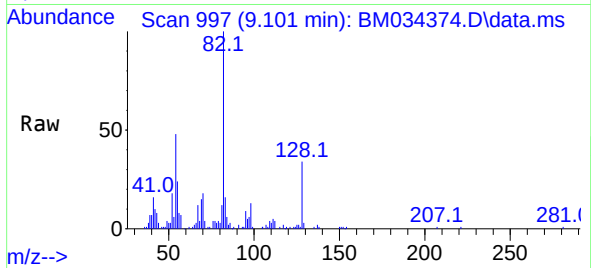
Tgt Ion:136 Resp: 695217
Ion Ratio Lower Upper
136 100
137 11.5 8.6 13.0
54 8.2 6.2 9.4
68 6.7 4.3 6.5





#23
Nitrobenzene-d5
Concen: 4.84 ng
RT: 9.101 min Scan# 999
Delta R.T. -0.006 min
Lab File: BM034374.D
Acq: 24 Mar 2022 22:17

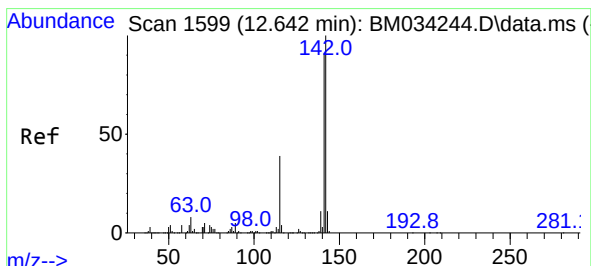
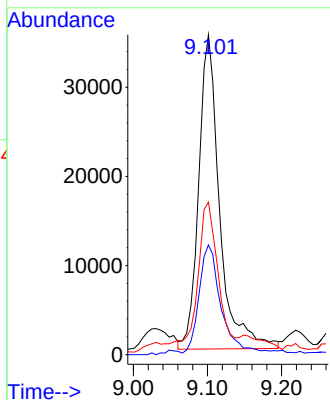
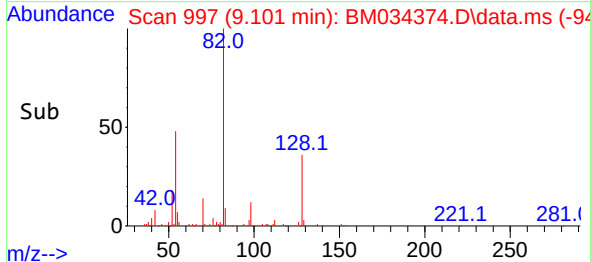
Instrument :
BNA_M
ClientSampleId :
WC-14A-3-2



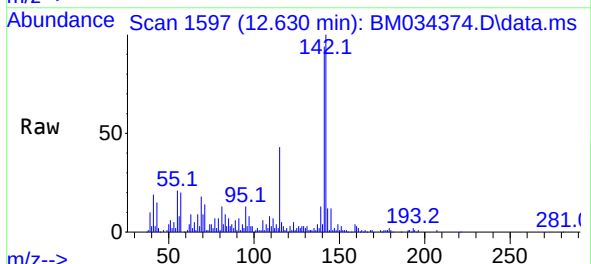
Tgt Ion: 82 Resp: 69180
Ion Ratio Lower Upper
82 100
128 34.3 31.9 47.9
54 47.7 40.6 61.0

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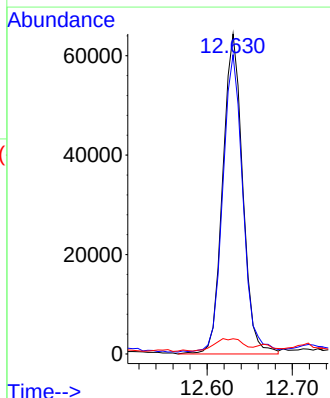
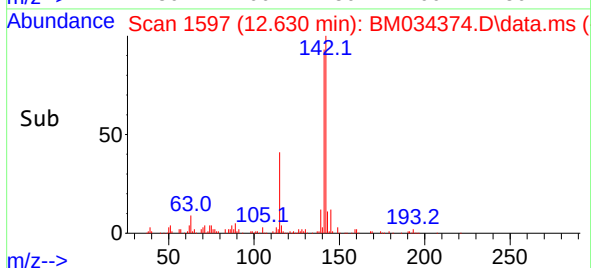
Reviewed By :Christian Giraldo 03/25/2022
Supervised By :Jagrut Upadhyay 03/25/2022

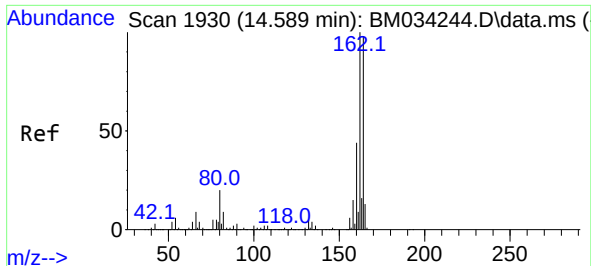


#38
1-Methylnaphthalene
Concen: 4.15 ng
RT: 12.630 min Scan# 1597
Delta R.T. -0.000 min
Lab File: BM034374.D
Acq: 24 Mar 2022 22:17



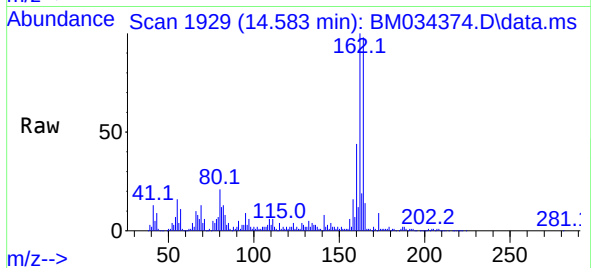
Tgt Ion:142 Resp: 104822
Ion Ratio Lower Upper
142 100
141 93.5 73.0 109.6
116 4.7 3.2 4.8





#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.583 min Scan# 1930
Delta R.T. -0.000 min
Lab File: BM034374.D
Acq: 24 Mar 2022 22:17

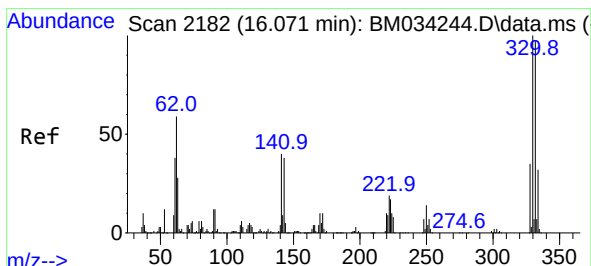
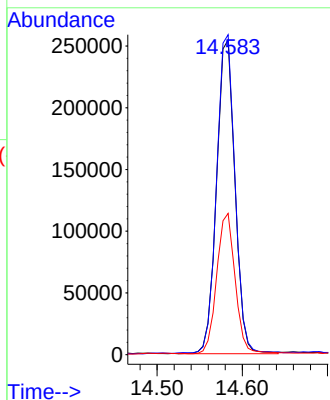
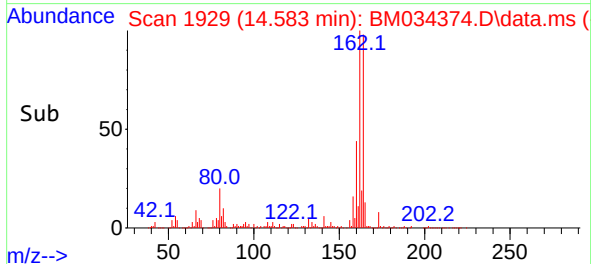
Instrument :
BNA_M
ClientSampleId :
WC-14A-3-2



Tgt Ion:164 Resp: 381590
Ion Ratio Lower Upper
164 100
162 101.7 81.6 122.4
160 44.9 35.6 53.4

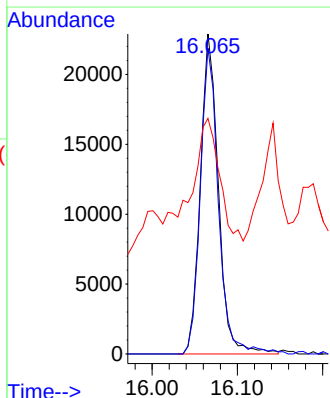
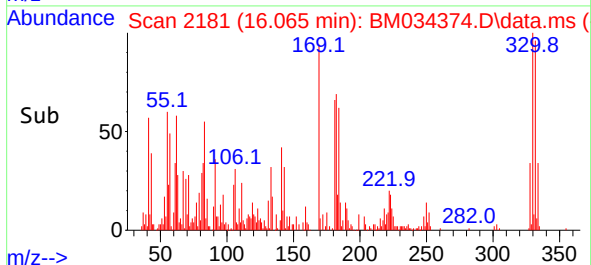
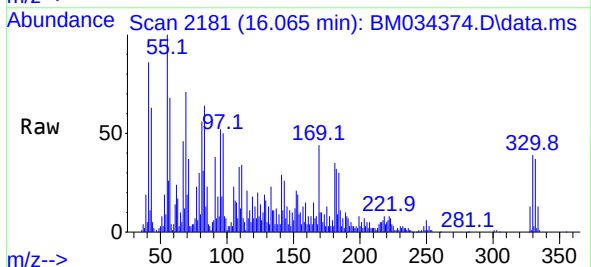
Manual Integrations
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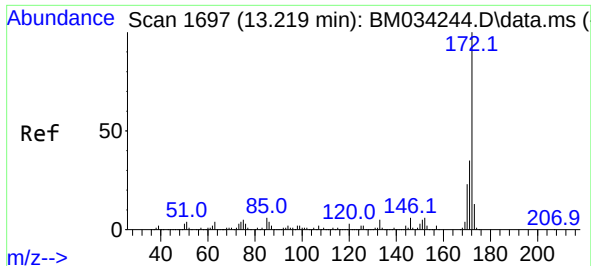
Reviewed By :Christian Giraldo 03/25/2022
Supervised By :Jagrut Upadhyay 03/25/2022



#42
2,4,6-Tribromophenol
Concen: 6.55 ng
RT: 16.065 min Scan# 2181
Delta R.T. -0.000 min
Lab File: BM034374.D
Acq: 24 Mar 2022 22:17

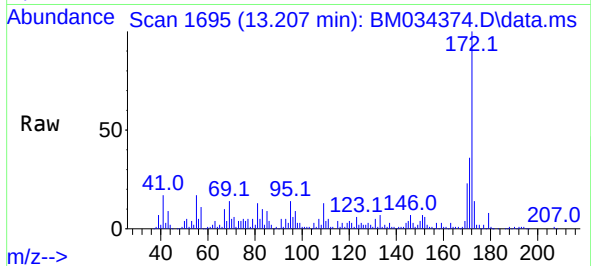
Tgt Ion:330 Resp: 33679
Ion Ratio Lower Upper
330 100
332 96.2 78.2 117.4
141 52.5 30.6 45.8#





#45
2-Fluorobiphenyl
Concen: 5.19 ng
RT: 13.207 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM034374.D
Acq: 24 Mar 2022 22:17

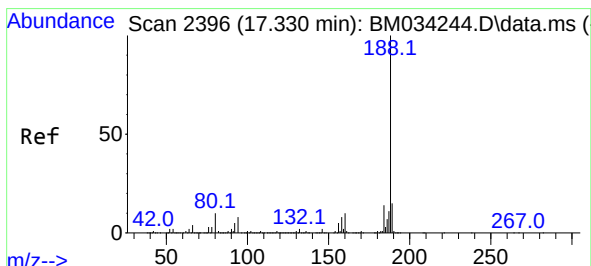
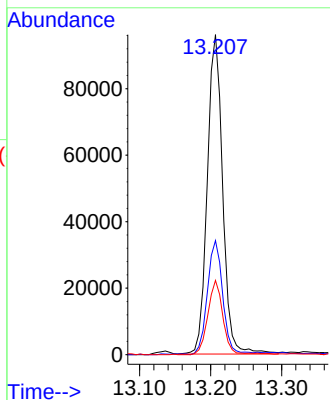
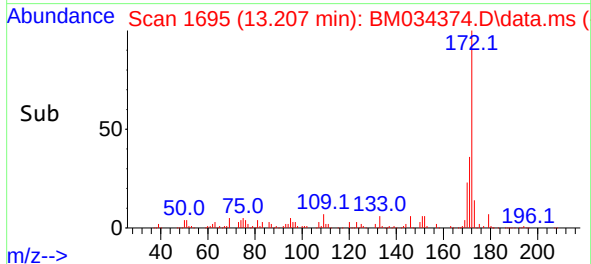
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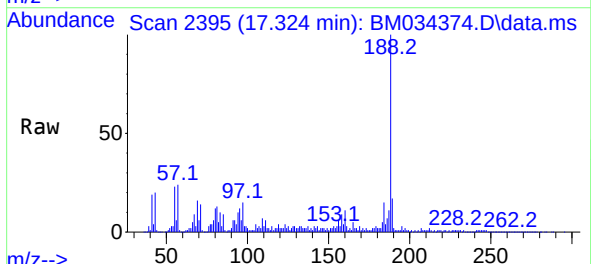
Tgt Ion:172 Resp: 144940
Ion Ratio Lower Upper
172 100
171 35.7 28.0 42.0
170 23.2 18.6 28.0

Manual Integrations
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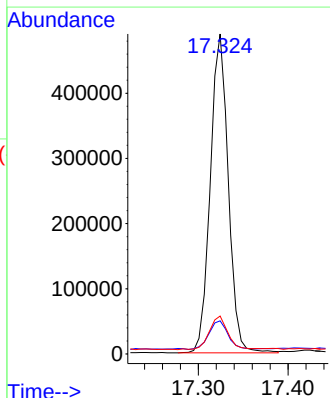
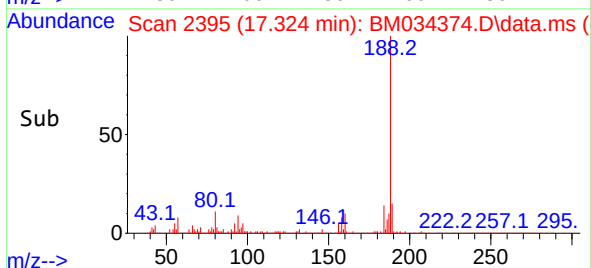
Reviewed By :Christian Giraldo 03/25/2022
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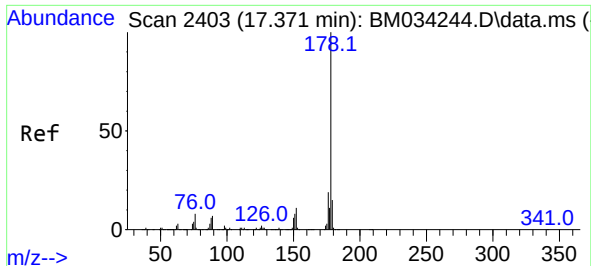


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.324 min Scan# 2395
Delta R.T. 0.006 min
Lab File: BM034374.D
Acq: 24 Mar 2022 22:17



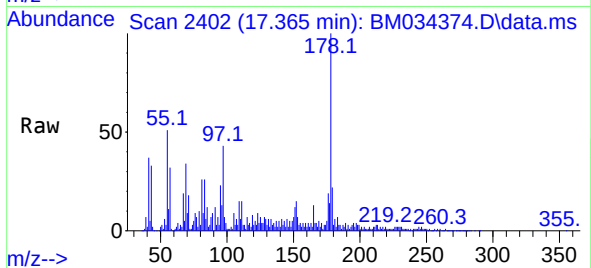
Tgt Ion:188 Resp: 680713
Ion Ratio Lower Upper
188 100
94 10.3 6.6 9.8#
80 11.9 7.8 11.8#





#71
Phenanthrene
Concen: 8.65 ng m
RT: 17.365 min Scan# 2403
Delta R.T. -0.000 min
Lab File: BM034374.D
Acq: 24 Mar 2022 22:17

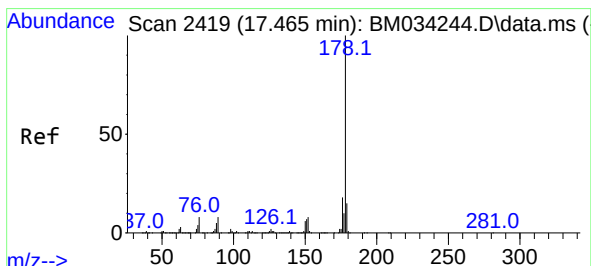
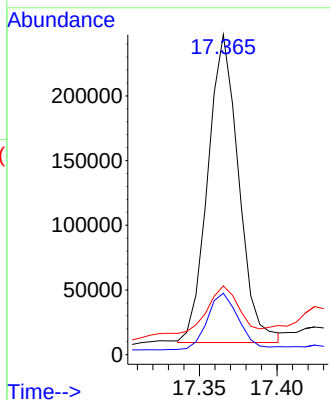
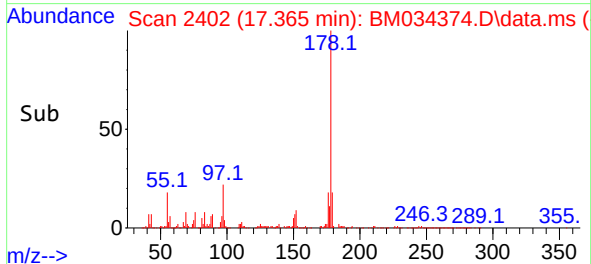
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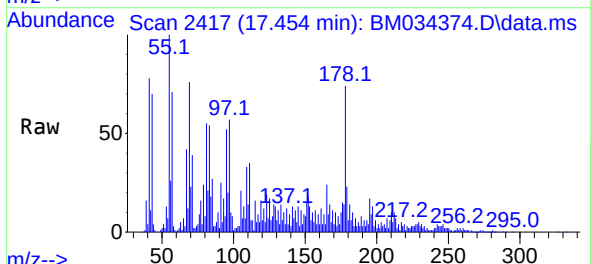
Tgt Ion:178 Resp: 32988
Ion Ratio Lower Upper
178 100
176 19.2 15.1 22.7
179 21.5 12.2 18.4

Manual Integrations
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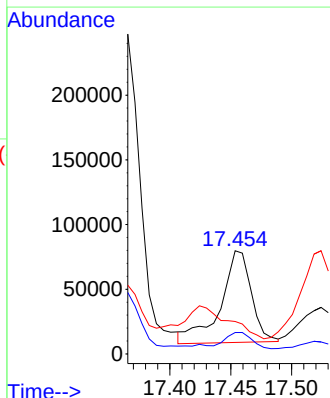
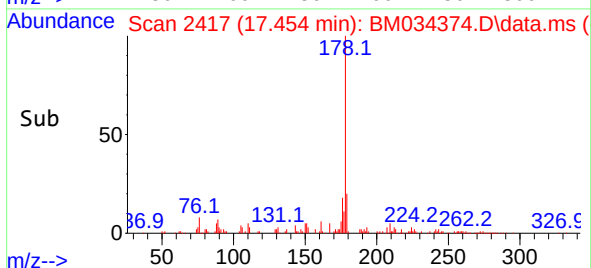
Reviewed By :Christian Giraldo 03/25/2022
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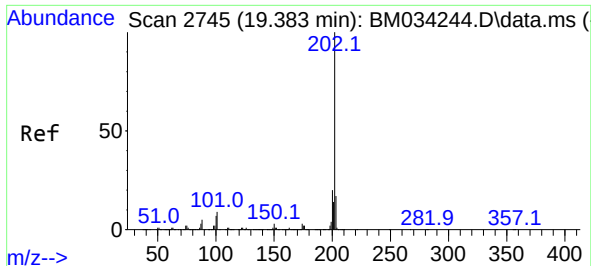


#72
Anthracene
Concen: 3.37 ng
RT: 17.454 min Scan# 2417
Delta R.T. -0.000 min
Lab File: BM034374.D
Acq: 24 Mar 2022 22:17



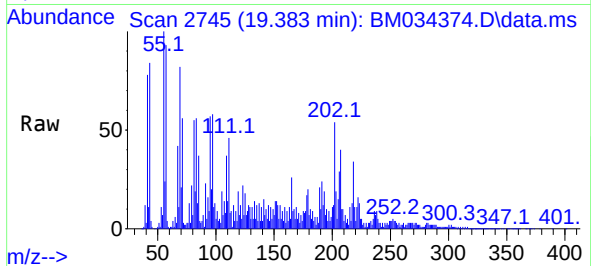
Tgt Ion:178 Resp: 124901
Ion Ratio Lower Upper
178 100
176 20.9 14.6 22.0
179 31.6 12.2 18.2





#75
Fluoranthene
Concen: 2.84 ng
RT: 19.383 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM034374.D
Acq: 24 Mar 2022 22:17

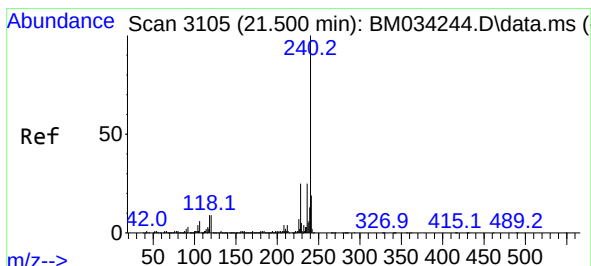
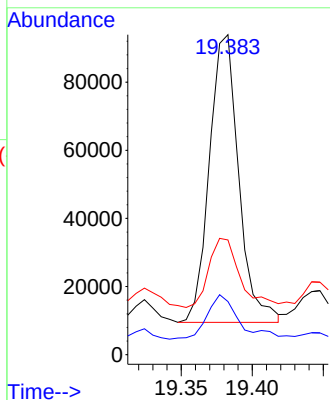
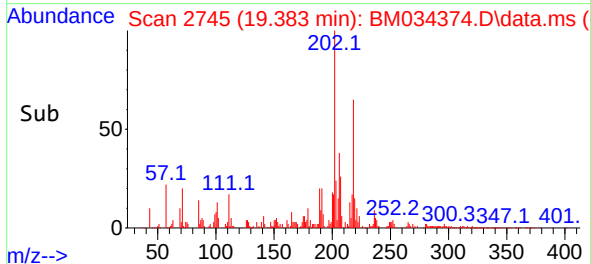
Instrument :
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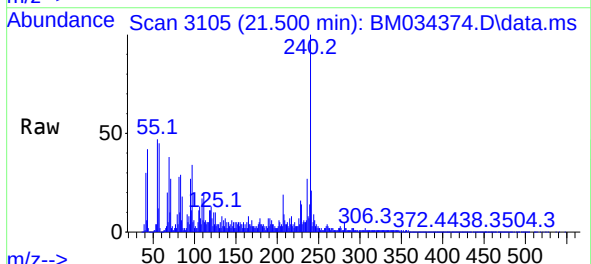
Tgt Ion:202 Resp: 121392
Ion Ratio Lower Upper
202 100
101 16.6 0.0 29.4
203 35.8 0.0 37.1

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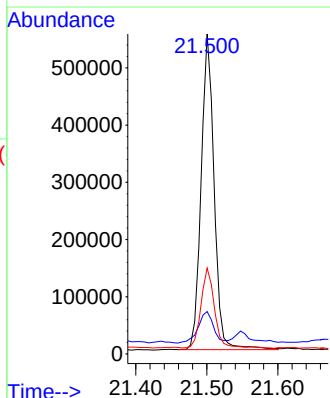
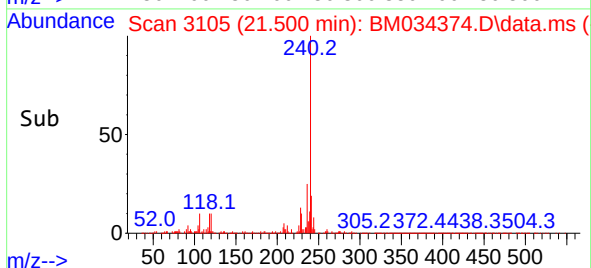
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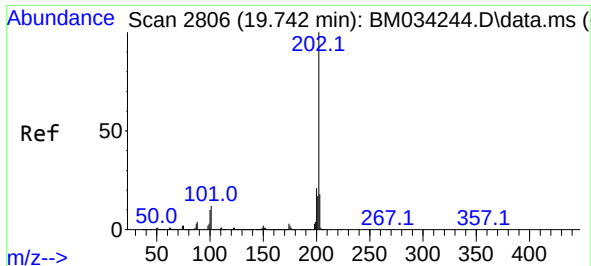


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.500 min Scan# 3105
Delta R.T. 0.006 min
Lab File: BM034374.D
Acq: 24 Mar 2022 22:17



Tgt Ion:240 Resp: 703842
Ion Ratio Lower Upper
240 100
120 13.3 7.3 10.9#
236 26.8 20.2 30.2





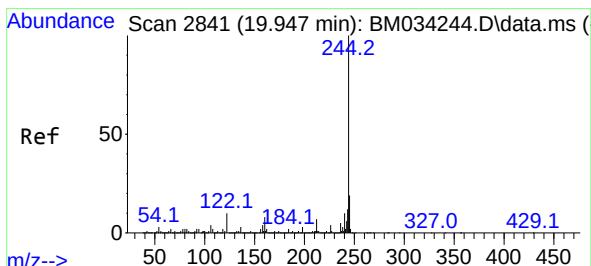
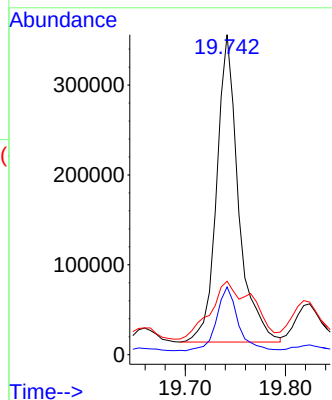
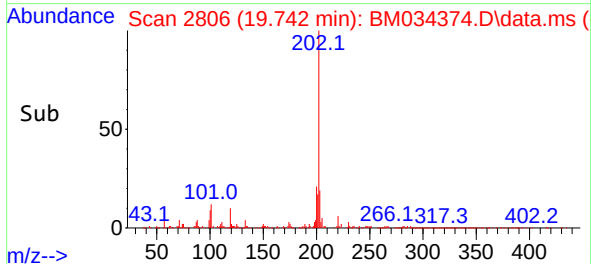
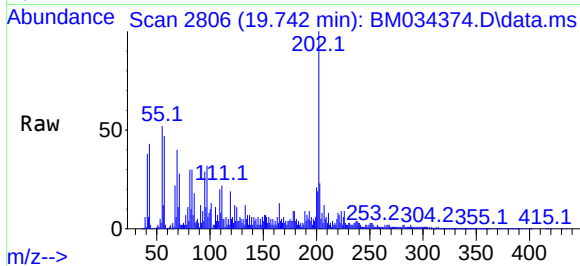
#78
Pyrene
Concen: 10.43 ng
RT: 19.742 min Scan# 2806
Delta R.T. 0.006 min
Lab File: BM034374.D
Acq: 24 Mar 2022 22:17

Instrument :
BNA_M
ClientSampleId :
WC-14A-3-2

Tgt Ion:202 Resp: 51727
Ion Ratio Lower Upper
202 100
200 21.1 16.6 24.8
203 23.0 14.1 21.1

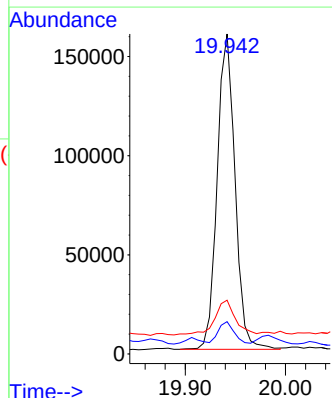
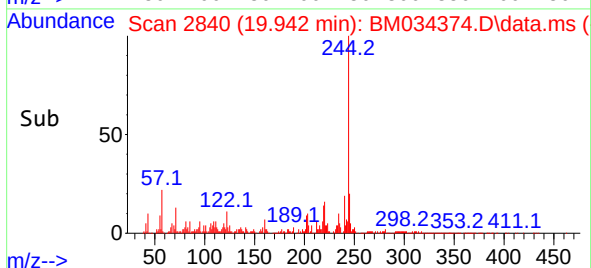
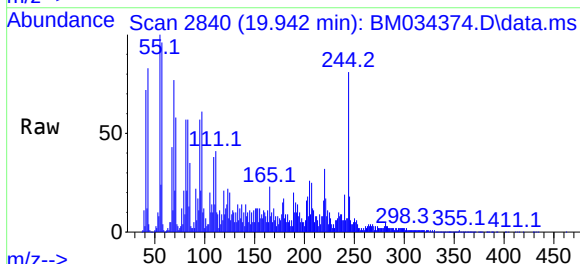
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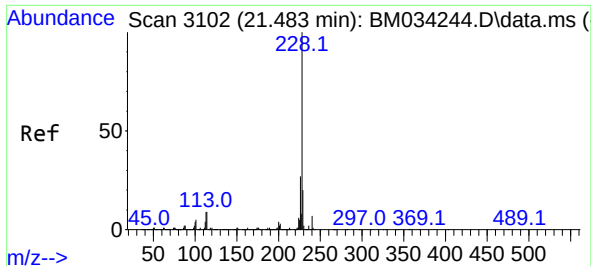
Reviewed By :Christian Giraldo 03/25/2022
Supervised By :Jagrut Upadhyay 03/25/2022



#79
Terphenyl-d14
Concen: 4.84 ng
RT: 19.942 min Scan# 2840
Delta R.T. 0.006 min
Lab File: BM034374.D
Acq: 24 Mar 2022 22:17

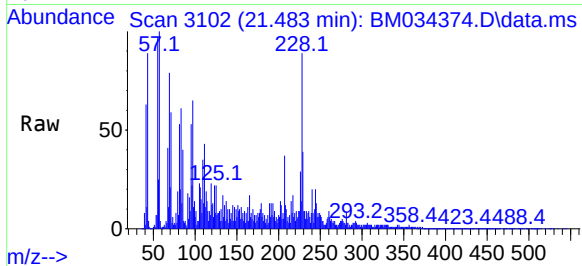
Tgt Ion:244 Resp: 195984
Ion Ratio Lower Upper
244 100
212 10.1 5.9 8.9#
122 16.8 7.8 11.8#





#81
Benzo(a)anthracene
Concen: 7.75 ng
RT: 21.483 min Scan# 3102
Delta R.T. 0.006 min
Lab File: BM034374.D
Acq: 24 Mar 2022 22:17

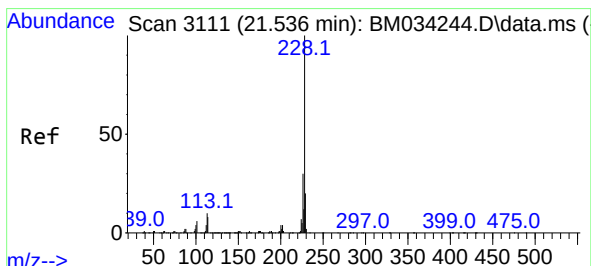
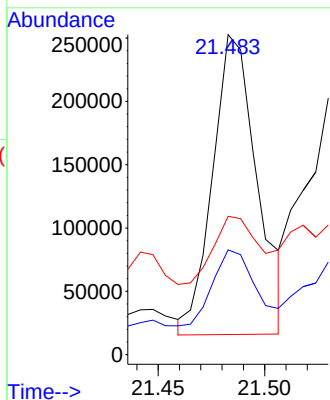
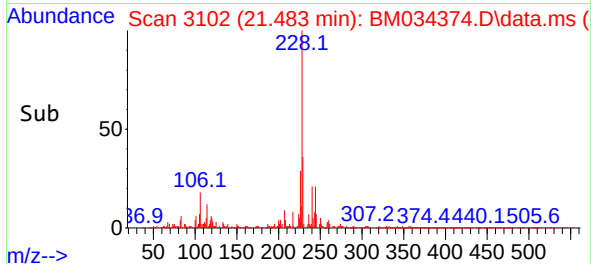
Instrument :
BNA_M
ClientSampleId :
WC-14A-3-2



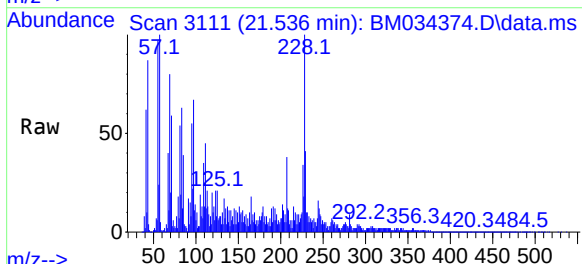
Tgt Ion:228 Resp: 344497
Ion Ratio Lower Upper
228 100
226 32.7 21.6 32.4
229 43.3 15.8 23.6

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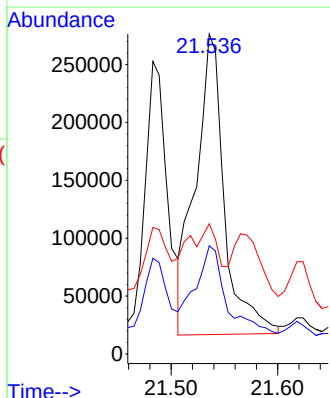
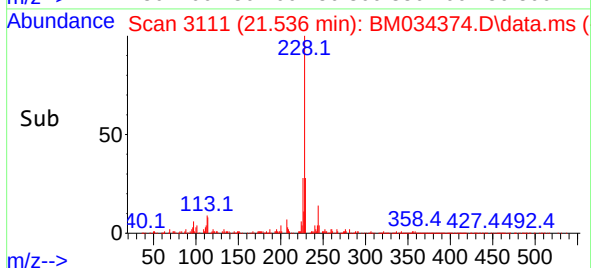
Reviewed By :Christian Giraldo 03/25/2022
Supervised By :Jagrut Upadhyay 03/25/2022

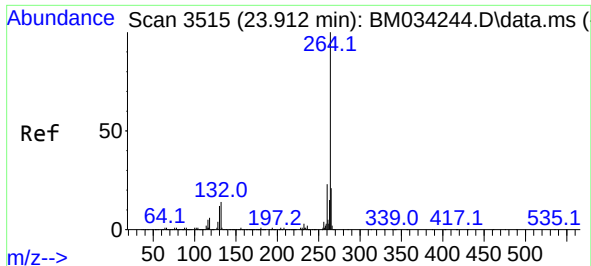


#83
Chrysene
Concen: 10.81 ng
RT: 21.536 min Scan# 3111
Delta R.T. -0.000 min
Lab File: BM034374.D
Acq: 24 Mar 2022 22:17



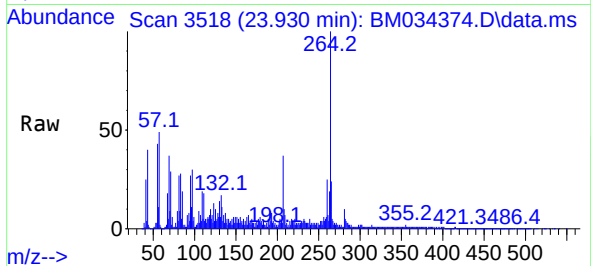
Tgt Ion:228 Resp: 490474
Ion Ratio Lower Upper
228 100
226 33.8 23.8 35.6
229 40.7 15.6 23.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.930 min Scan# 3515
Delta R.T. 0.024 min
Lab File: BM034374.D
Acq: 24 Mar 2022 22:17

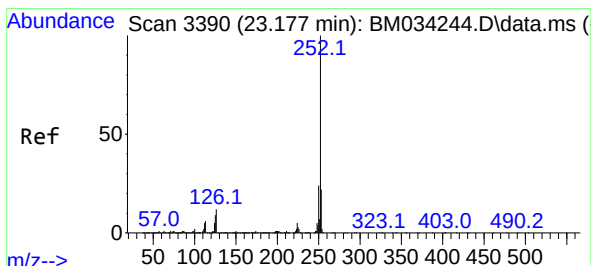
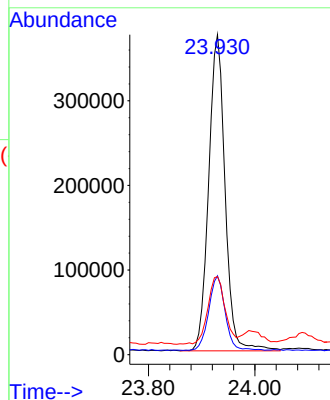
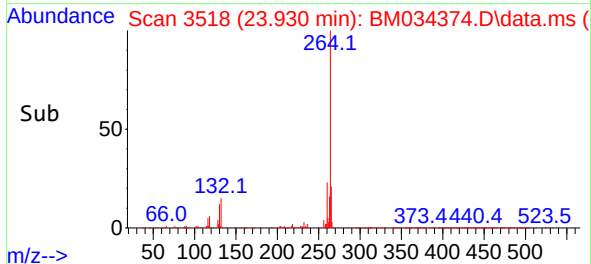
Instrument :
BNA_M
ClientSampleId :
WC-14A-3-2



Tgt Ion:264 Resp: 797825
Ion Ratio Lower Upper
264 100
260 24.6 18.6 28.0
265 24.4 17.6 26.4

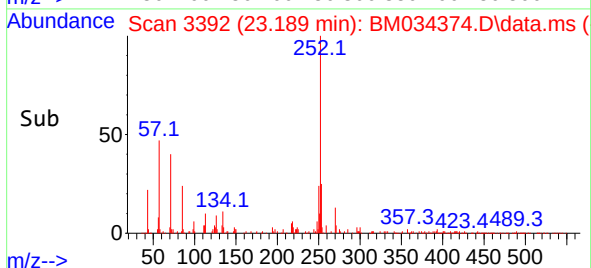
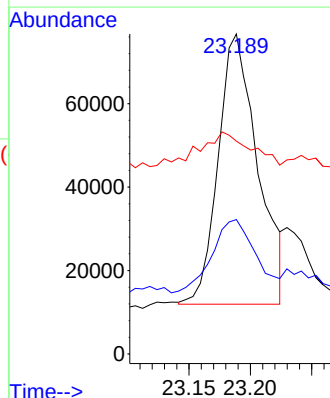
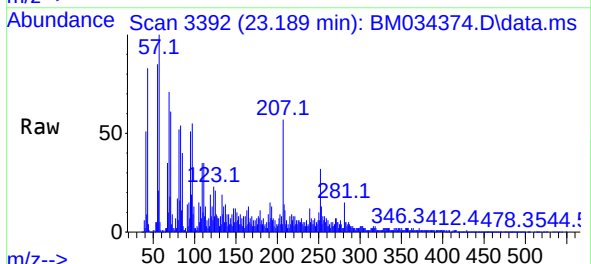
Manual Integrations
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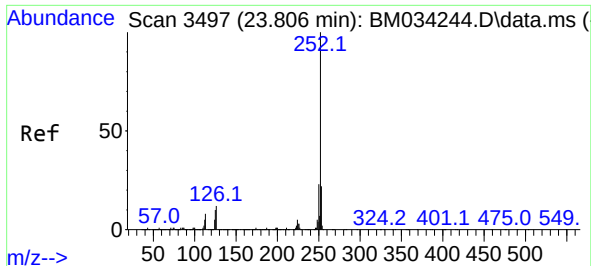
Reviewed By :Christian Giraldo 03/25/2022
Supervised By :Jagrut Upadhyay 03/25/2022



#88
Benzo(b)fluoranthene
Concen: 3.05 ng m
RT: 23.189 min Scan# 3392
Delta R.T. 0.018 min
Lab File: BM034374.D
Acq: 24 Mar 2022 22:17

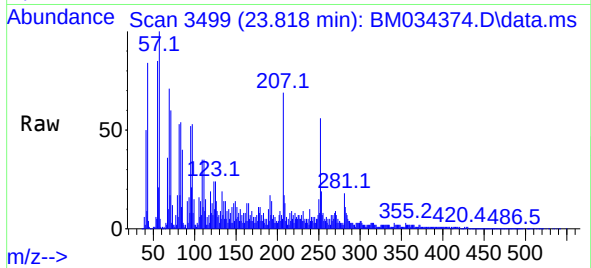
Tgt Ion:252 Resp: 145372
Ion Ratio Lower Upper
252 100
253 42.0 17.8 26.8#
125 66.5 7.2 10.8#





#90
Benzo(a)pyrene
Concen: 5.33 ng
RT: 23.818 min Scan# 3497
Delta R.T. 0.018 min
Lab File: BM034374.D
Acq: 24 Mar 2022 22:17

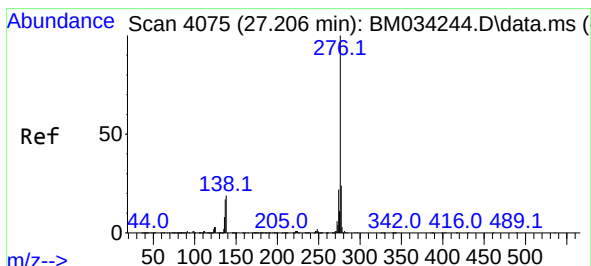
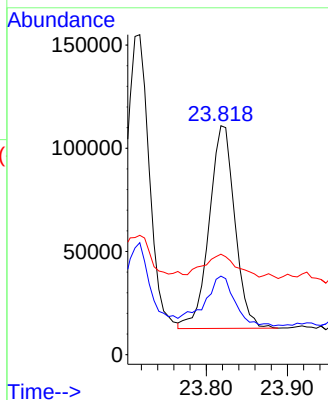
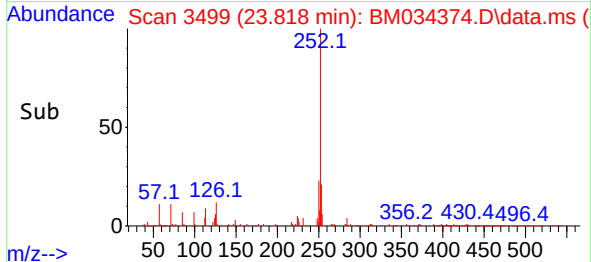
Instrument :
BNA_M
ClientSampleId :
WC-14A-3-2



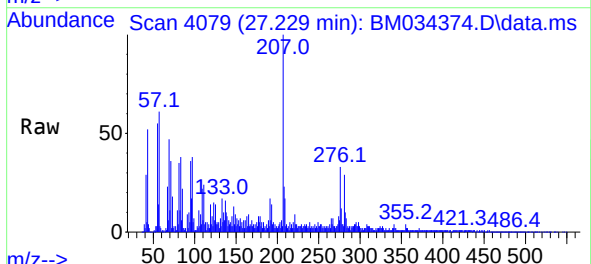
Tgt Ion:252 Resp: 21566
Ion Ratio Lower Upper
252 100
253 34.3 17.5 26.3
125 43.9 7.8 11.6

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 03/25/2022
Supervised By :Jagrut Upadhyay 03/25/2022



#92
Benzo(g,h,i)perylene
Concen: 3.22 ng
RT: 27.229 min Scan# 4079
Delta R.T. 0.029 min
Lab File: BM034374.D
Acq: 24 Mar 2022 22:17



Tgt Ion:276 Resp: 138697
Ion Ratio Lower Upper
276 100
277 35.2 19.0 28.4#
138 29.7 15.6 23.4#

