

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020122\
 Data File : BP008998.D
 Acq On : 01 Feb 2022 21:30
 Operator : CG/JU
 Sample : N1313-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 17B-MISC-A

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/02/2022
 Supervised By : Jagrut Upadhyay 02/02/2022

Quant Time: Feb 02 04:07:55 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 01 04:16:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	250117	20.000	ng	-0.01
21) Naphthalene-d8	10.622	136	974961	20.000	ng	-0.01
39) Acenaphthene-d10	14.463	164	622929	20.000	ng	-0.01
64) Phenanthrene-d10	17.222	188	1217116	20.000	ng	-0.01
76) Chrysene-d12	21.316	240	1215208	20.000	ng	-0.01
86) Perylene-d12	23.727	264	1307152	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1590610	98.344	ng	0.00
7) Phenol-d6	7.010	99	1983719	101.284	ng	0.00
23) Nitrobenzene-d5	8.987	82	1245957	72.554	ng	-0.01
42) 2,4,6-Tribromophenol	15.963	330	890610	98.221	ng	-0.01
45) 2-Fluorobiphenyl	13.087	172	3227544	68.327	ng	-0.01
79) Terphenyl-d14	19.786	244	4481763	62.252	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	10.675	128	226679	4.281	ng	98
37) 2-Methylnaphthalene	12.287	142	117050	3.024	ng	97
52) Acenaphthene	14.528	154	117070	3.343	ng	98
55) Dibenzofuran	14.869	168	156820	2.748	ng	# 93
58) Fluorene	15.516	166	151088	3.352	ng	99
71) Phenanthrene	17.263	178	952858	13.905	ng	99
72) Anthracene	17.357	178	254037	3.695	ng	99
75) Fluoranthene	19.233	202	1366446	17.931	ng	97
78) Pyrene	19.586	202	1276200	15.051	ng	98
81) Benzo(a)anthracene	21.298	228	723376	8.848	ng	100
83) Chrysene	21.351	228	652660	8.235	ng	98
87) Indeno(1,2,3-cd)pyrene	26.239	276	444482	4.127	ng	95
88) Benzo(b)fluoranthene	22.992	252	868972	9.954	ng	# 91
89) Benzo(k)fluoranthene	23.033	252	331241m	3.920	ng	
90) Benzo(a)pyrene	23.621	252	645036	7.655	ng	# 96
92) Benzo(g,h,i)perylene	27.015	276	448739	5.018	ng	98

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

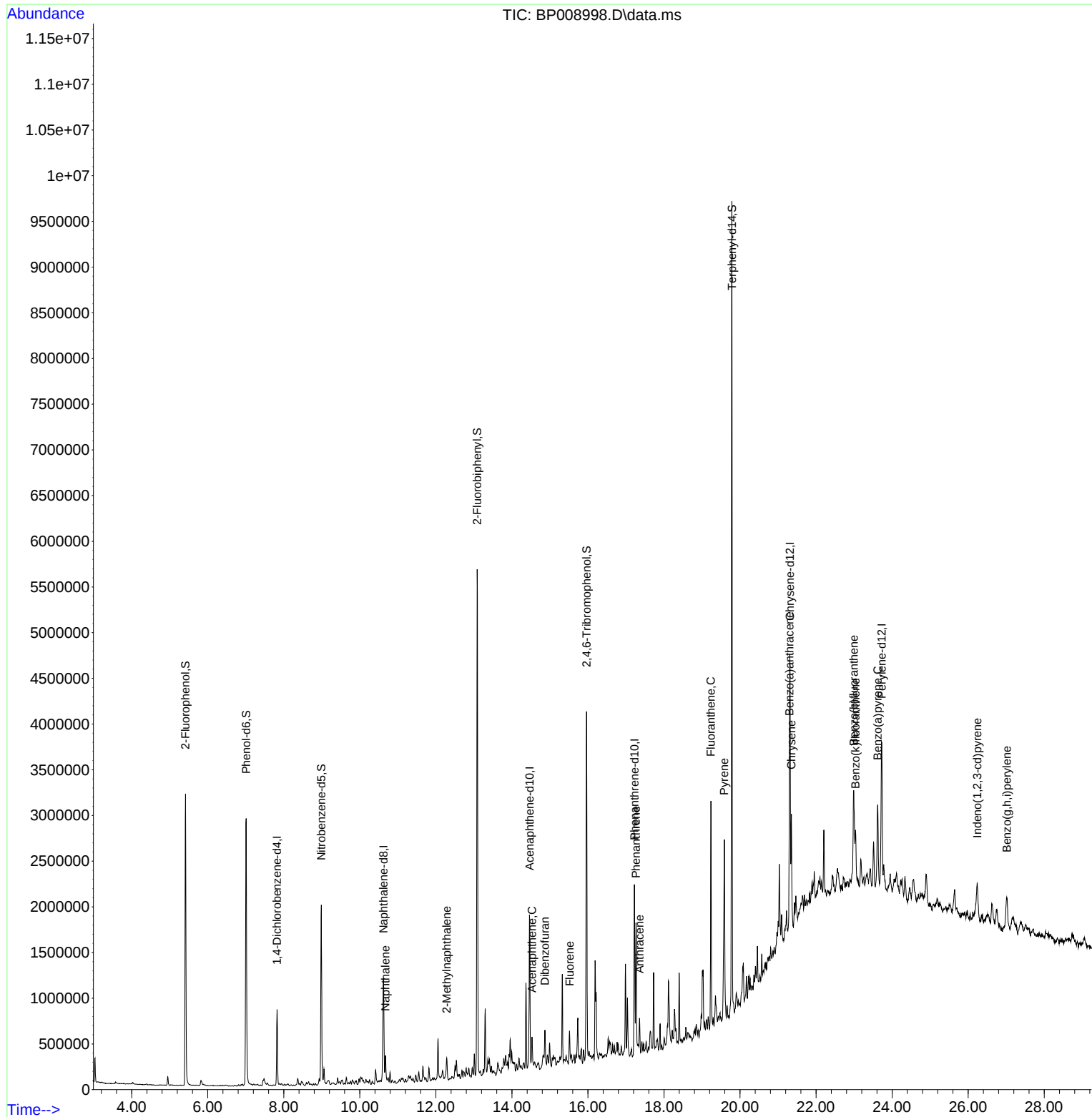
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020122\
Data File : BP008998.D
Acq On : 01 Feb 2022 21:30
Operator : CG/JU
Sample : N1313-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

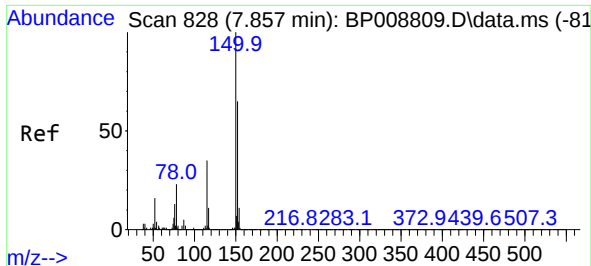
Instrument :
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Quant Time: Feb 02 04:07:55 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 01 04:16:03 2022
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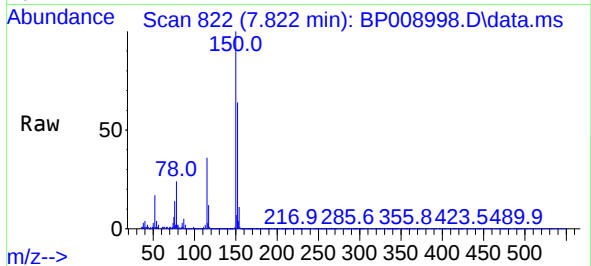
Reviewed By : Christian Giraldo 02/02/2022
Supervised By : Jagrut Upadhyay 02/02/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.822 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP008998.D
Acq: 01 Feb 2022 21:30

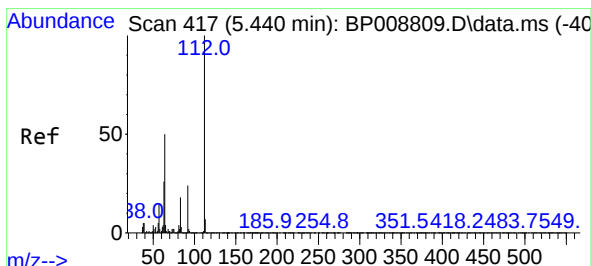
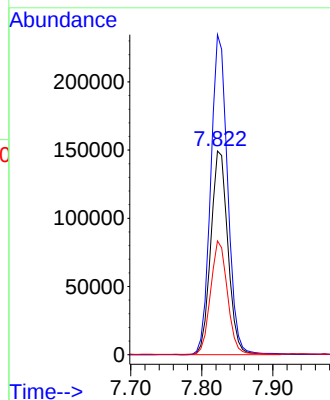
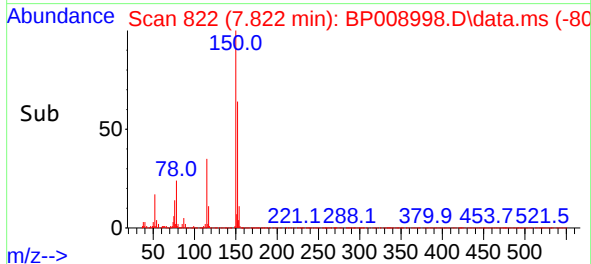
Instrument :
BNA_P
ClientSampleId :
17B-MISC-A



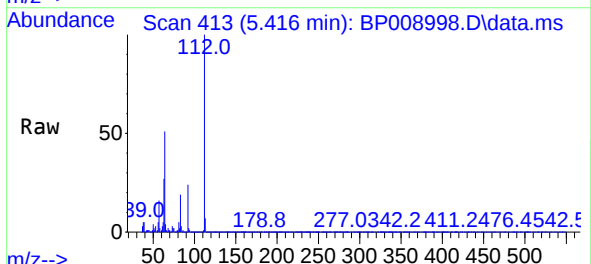
Tgt Ion:152 Resp: 25011
Ion Ratio Lower Upper
152 100
150 157.1 127.0 190.6
115 55.9 43.7 65.5

Manual Integrations
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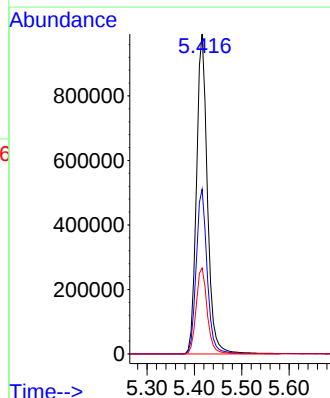
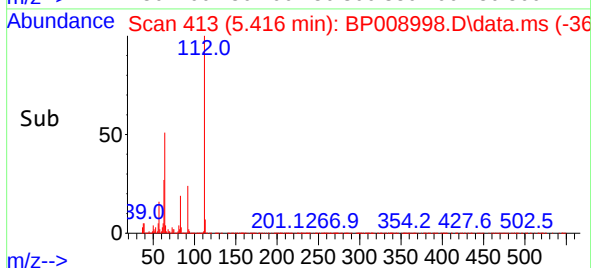
Reviewed By :Christian Giraldo 02/02/2022
Supervised By :Jagrut Upadhyay 02/02/2022

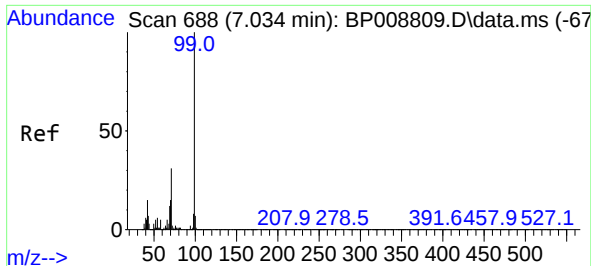


#5
2-Fluorophenol
Concen: 98.344 ng
RT: 5.416 min Scan# 413
Delta R.T. -0.006 min
Lab File: BP008998.D
Acq: 01 Feb 2022 21:30



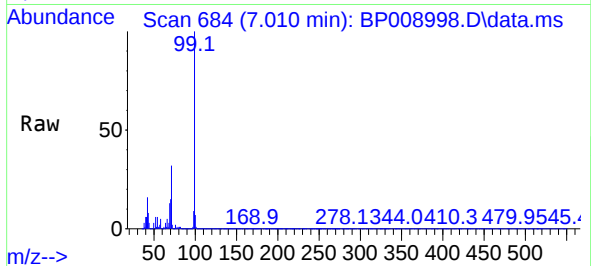
Tgt Ion:112 Resp: 1590610
Ion Ratio Lower Upper
112 100
64 51.5 39.7 59.5
63 26.8 20.0 30.0





#7
Phenol-d6
Concen: 101.284 ng
RT: 7.010 min Scan# 60
Delta R.T. -0.006 min
Lab File: BP008998.D
Acq: 01 Feb 2022 21:30

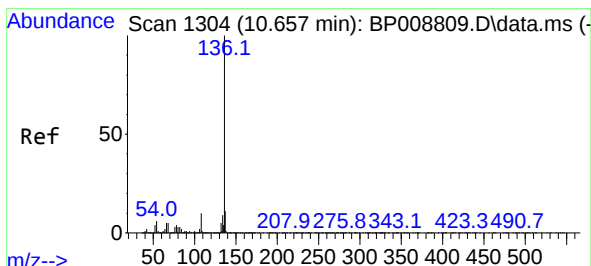
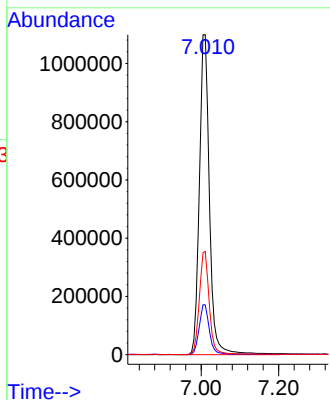
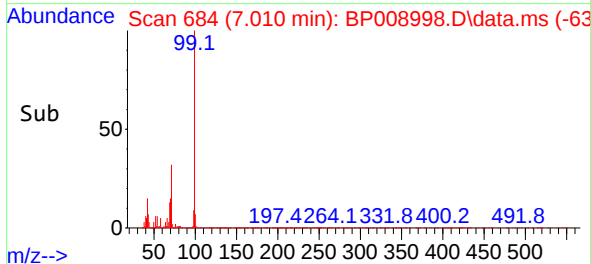
Instrument :
BNA_P
ClientSampleId :
17B-MISC-A



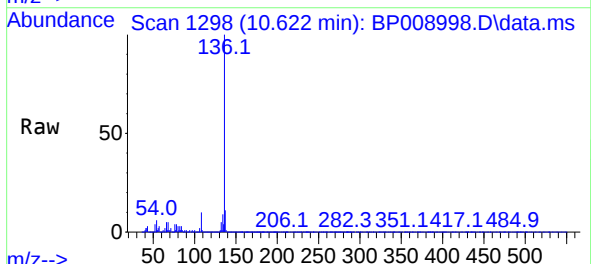
Tgt Ion: 99 Resp: 1983719
Ion Ratio Lower Upper
99 100
42 15.5 10.8 16.2
71 32.2 23.8 35.6

Manual Integrations
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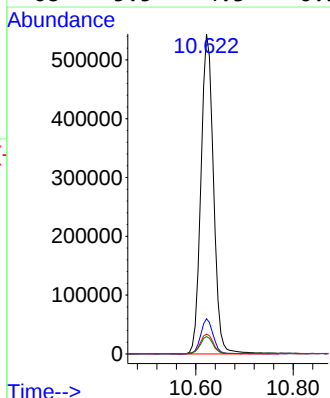
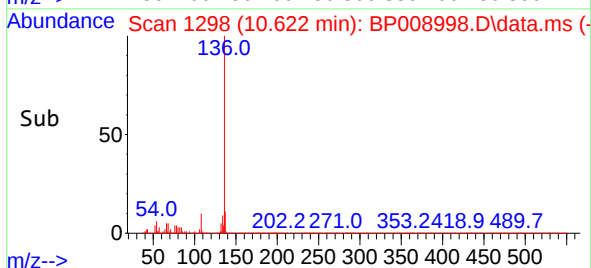
Reviewed By :Christian Giraldo 02/02/2022
Supervised By :Jagrut Upadhyay 02/02/2022

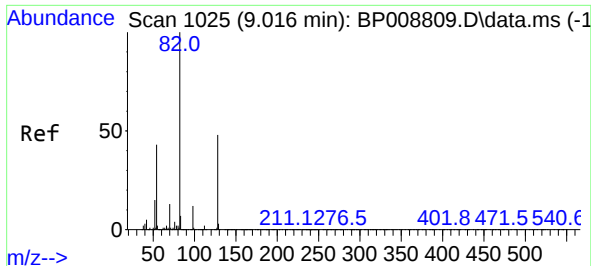


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.622 min Scan# 1298
Delta R.T. -0.012 min
Lab File: BP008998.D
Acq: 01 Feb 2022 21:30



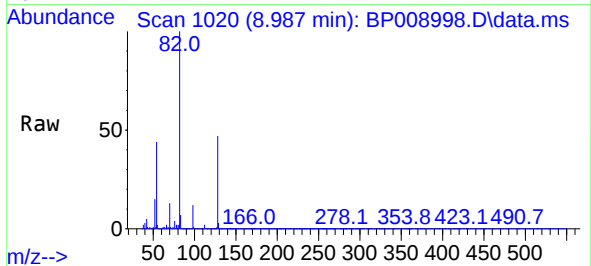
Tgt Ion:136 Resp: 974961
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 6.2 4.9 7.3
68 5.5 4.3 6.5





#23
Nitrobenzene-d5
Concen: 72.554 ng
RT: 8.987 min Scan# 10
Delta R.T. -0.012 min
Lab File: BP008998.D
Acq: 01 Feb 2022 21:30

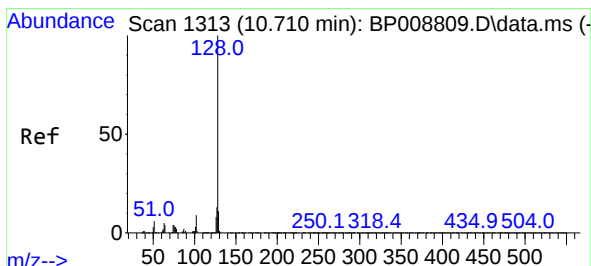
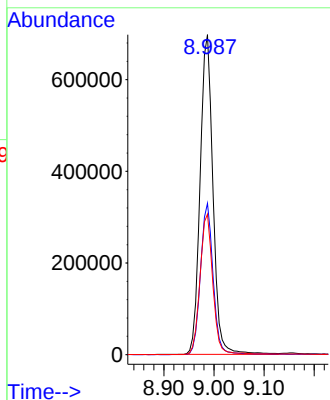
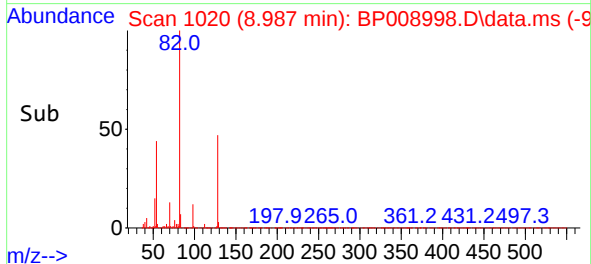
Instrument :
BNA_P
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Tgt Ion: 82 Resp: 124595
Ion Ratio Lower Upper
82 100
128 47.3 39.4 59.2
54 43.9 32.6 48.8

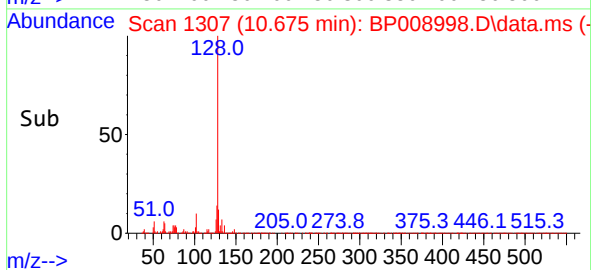
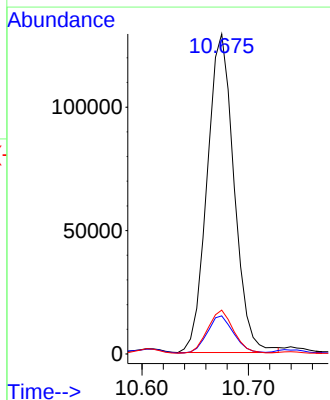
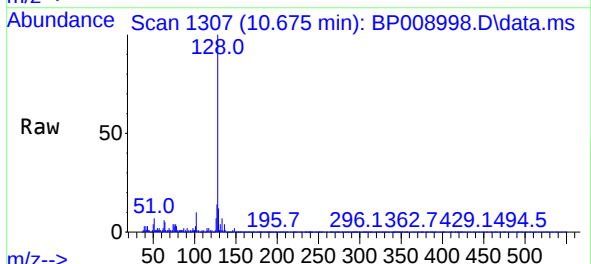
Manual Integrations
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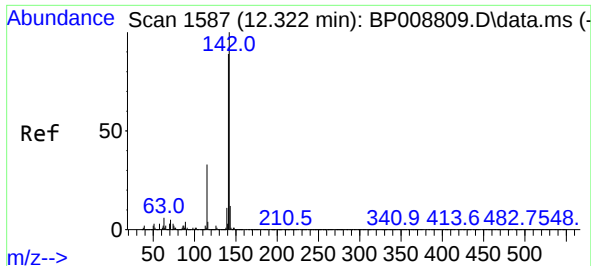
Reviewed By :Christian Giraldo 02/02/2022
Supervised By :Jagrut Upadhyay 02/02/2022



#31
Naphthalene
Concen: 4.281 ng
RT: 10.675 min Scan# 1307
Delta R.T. -0.012 min
Lab File: BP008998.D
Acq: 01 Feb 2022 21:30

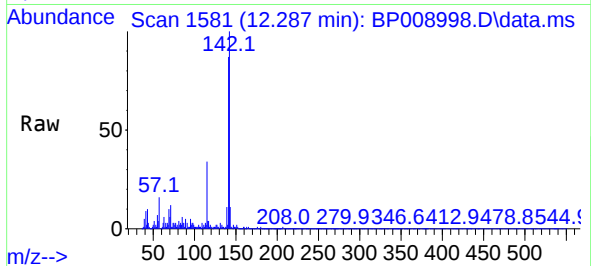
Tgt Ion:128 Resp: 226679
Ion Ratio Lower Upper
128 100
129 11.9 8.8 13.2
127 13.7 10.4 15.6





#37
2-Methylnaphthalene
Concen: 3.024 ng
RT: 12.287 min Scan# 117050
Delta R.T. -0.012 min
Lab File: BP008998.D
Acq: 01 Feb 2022 21:30

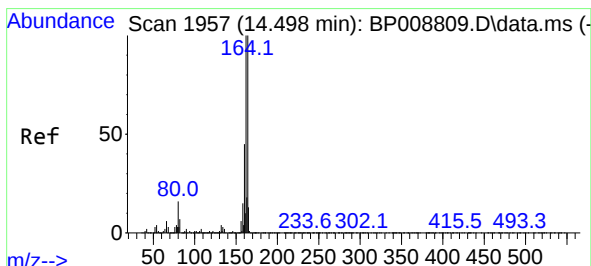
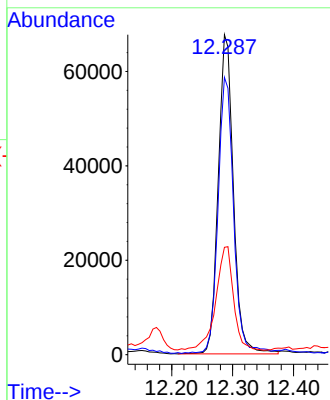
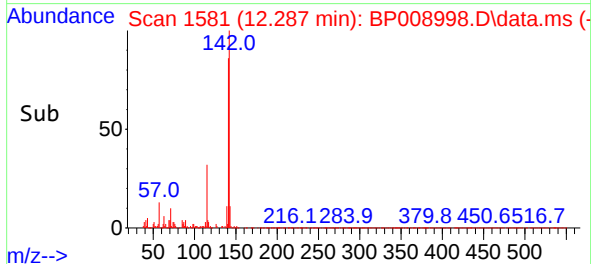
Instrument :
BNA_P
ClientSampleId :
17B-MISC-A



Tgt Ion:142 Resp: 117050
Ion Ratio Lower Upper
142 100
141 86.7 70.5 105.7
115 33.6 24.6 36.8

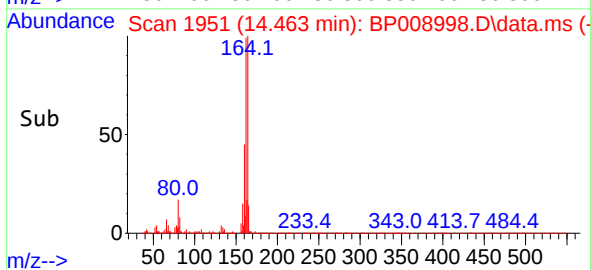
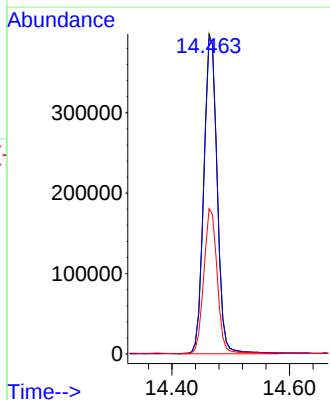
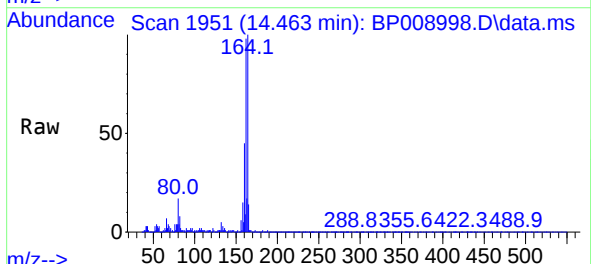
Manual Integrations
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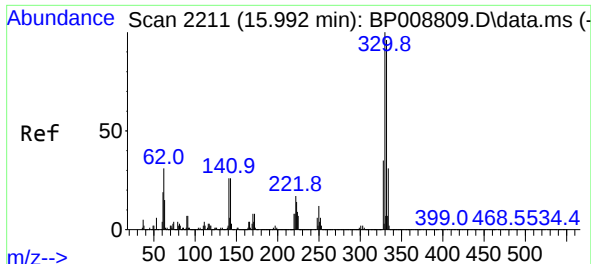
Reviewed By :Christian Giraldo 02/02/2022
Supervised By :Jagrut Upadhyay 02/02/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1951
Delta R.T. -0.012 min
Lab File: BP008998.D
Acq: 01 Feb 2022 21:30

Tgt Ion:164 Resp: 622929
Ion Ratio Lower Upper
164 100
162 98.5 79.9 119.9
160 45.4 35.5 53.3





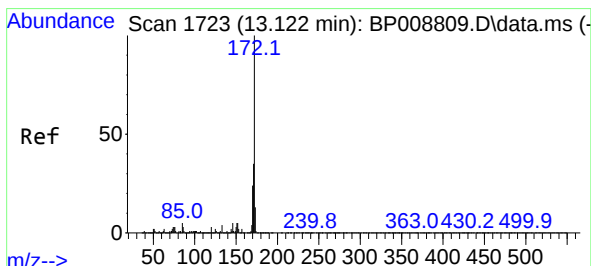
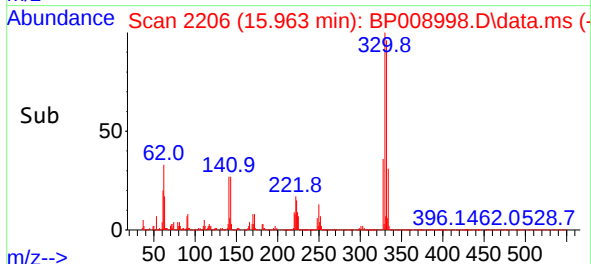
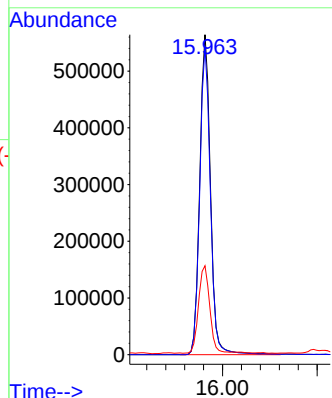
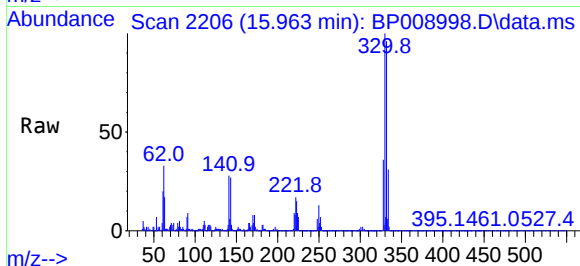
#42
2,4,6-Tribromophenol
Concen: 98.221 ng
RT: 15.963 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP008998.D
Acq: 01 Feb 2022 21:30

Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:330 Resp: 890610
Ion Ratio Lower Upper
330 100
332 95.3 77.0 115.4
141 28.4 21.3 31.9

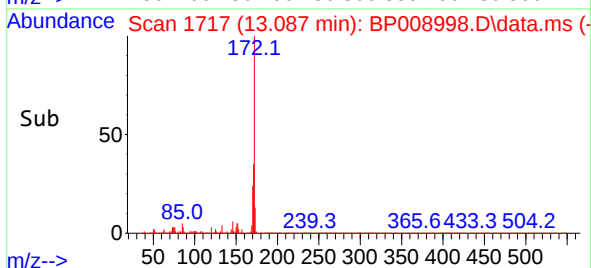
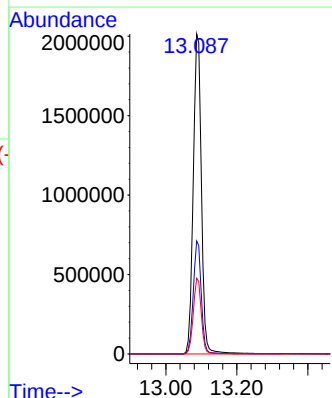
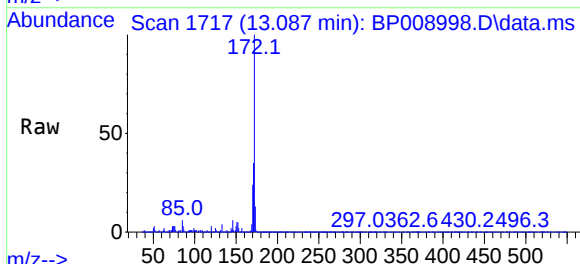
Manual Integrations
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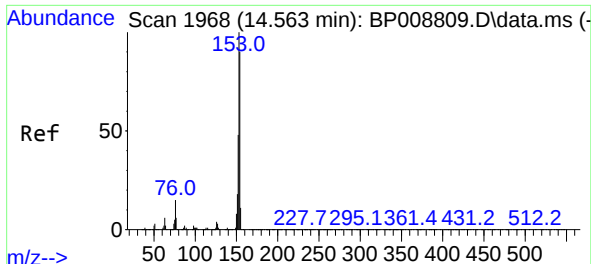
Reviewed By :Christian Giraldo 02/02/2022
Supervised By :Jagrut Upadhyay 02/02/2022



#45
2-Fluorobiphenyl
Concen: 68.327 ng
RT: 13.087 min Scan# 1717
Delta R.T. -0.012 min
Lab File: BP008998.D
Acq: 01 Feb 2022 21:30

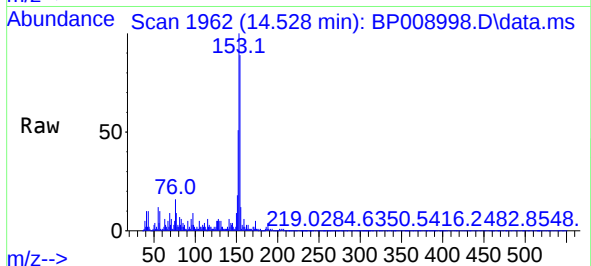
Tgt Ion:172 Resp: 3227544
Ion Ratio Lower Upper
172 100
171 35.3 29.3 43.9
170 23.6 19.5 29.3





#52
Acenaphthene
Concen: 3.343 ng
RT: 14.528 min Scan# 1968
Delta R.T. -0.012 min
Lab File: BP008998.D
Acq: 01 Feb 2022 21:30

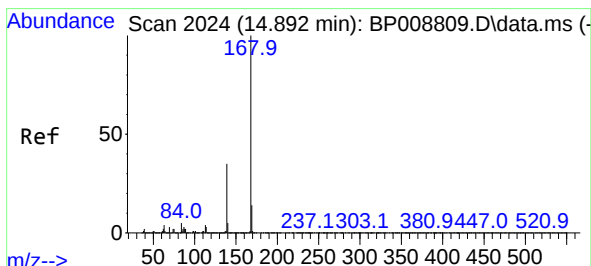
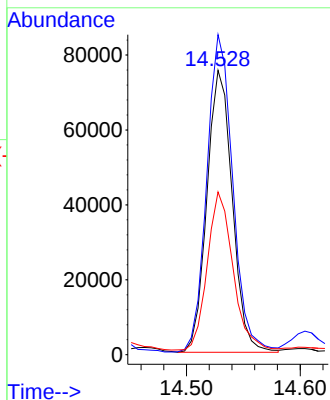
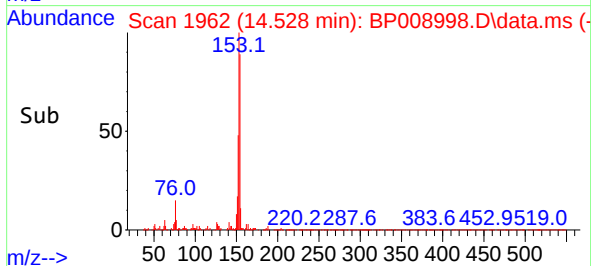
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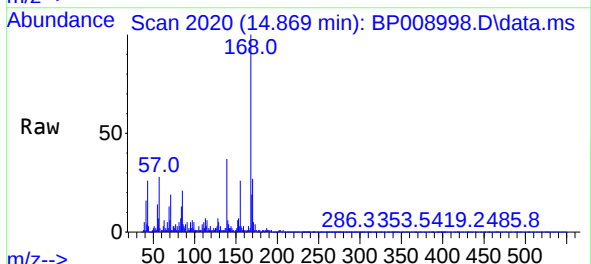
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Ion Ratio Lower Upper
154 100
153 112.6 89.4 134.2
152 57.2 42.6 63.8

Manual Integrations
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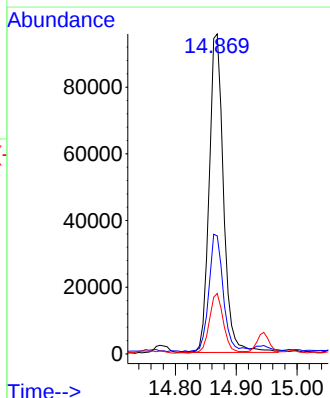
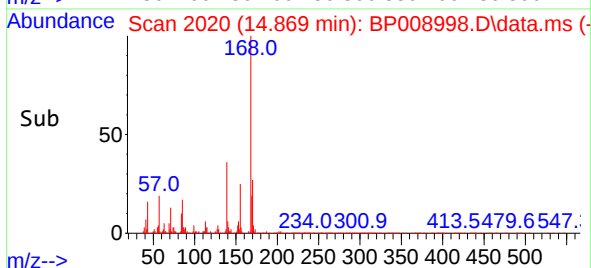
Reviewed By :Christian Giraldo 02/02/2022
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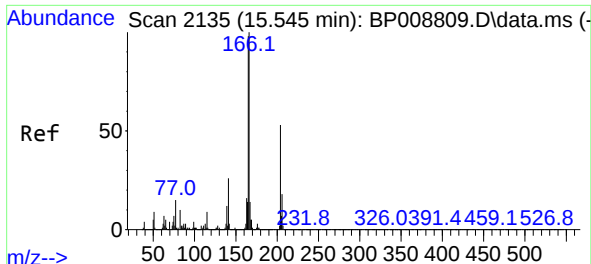


#55
Dibenzofuran
Concen: 2.748 ng
RT: 14.869 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BP008998.D
Acq: 01 Feb 2022 21:30



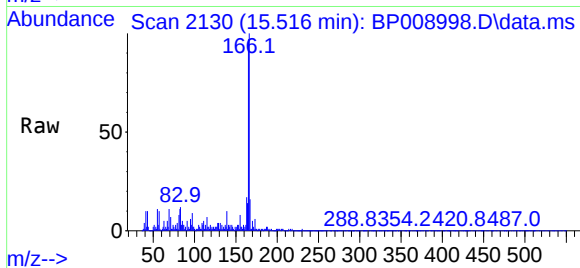
Tgt Ion:168 Resp: 156820
Ion Ratio Lower Upper
168 100
139 36.9 27.4 41.0
169 18.9 10.9 16.3





#58
Fluorene
Concen: 3.352 ng
RT: 15.516 min Scan# 2135
Delta R.T. -0.012 min
Lab File: BP008998.D
Acq: 01 Feb 2022 21:30

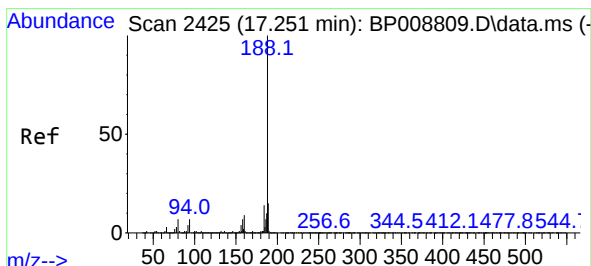
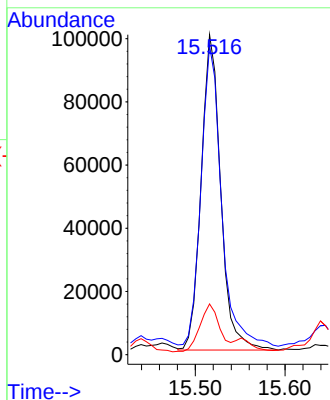
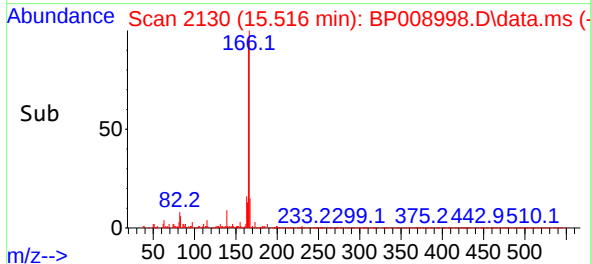
Instrument :
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ClientSampleId :
17B-MISC-A



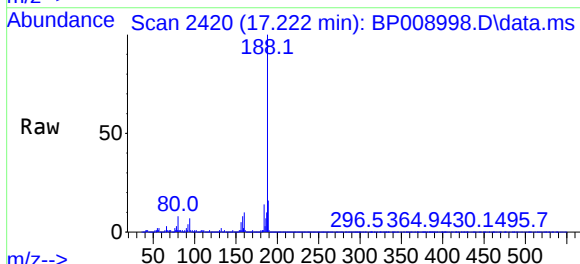
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Ion Ratio Lower Upper
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165 96.7 77.2 115.8
167 15.9 11.2 16.8

Manual Integrations
APPROVED

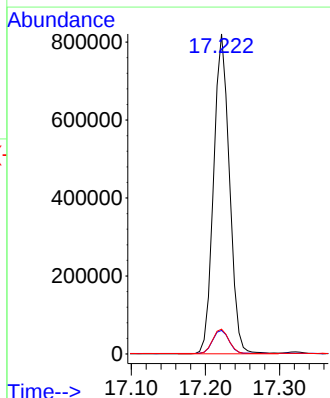
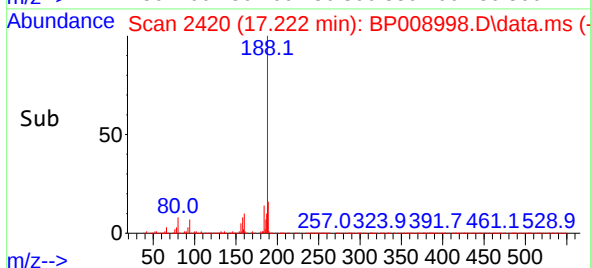
Reviewed By :Christian Giraldo 02/02/2022
Supervised By :Jagrut Upadhyay 02/02/2022

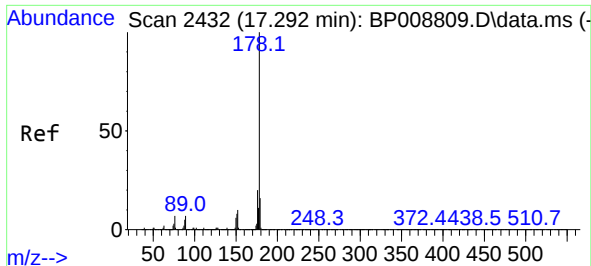


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.222 min Scan# 2420
Delta R.T. -0.012 min
Lab File: BP008998.D
Acq: 01 Feb 2022 21:30



Tgt Ion:188 Resp: 1217116
Ion Ratio Lower Upper
188 100
94 7.3 6.8 10.2
80 7.8 7.2 10.8





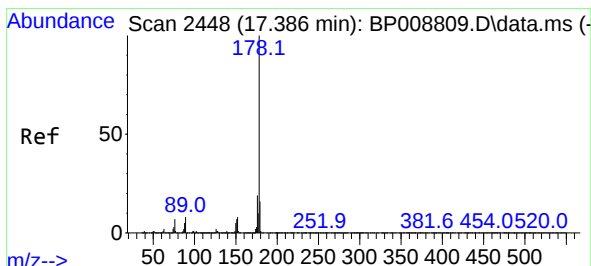
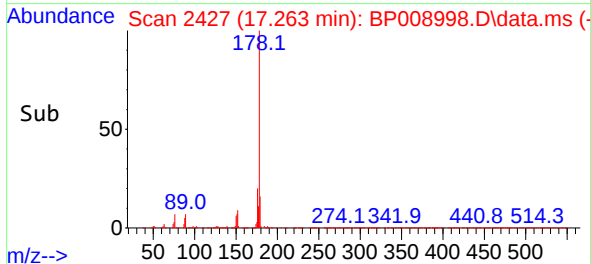
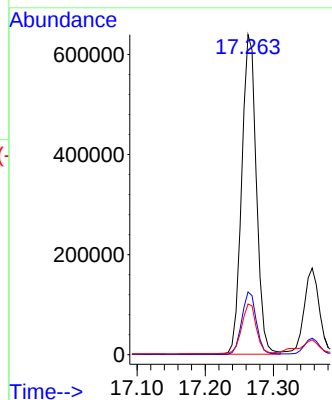
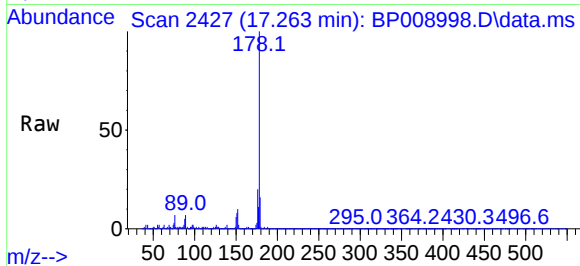
#71
Phenanthrene
Concen: 13.905 ng
RT: 17.263 min Scan# 2432
Delta R.T. -0.012 min
Lab File: BP008998.D
Acq: 01 Feb 2022 21:30

Instrument :
BNA_P
ClientSampleId :
17B-MISC-A

Tgt Ion:178 Resp: 95285
Ion Ratio Lower Upper
178 100
176 19.6 16.0 24.0
179 15.8 13.0 19.4

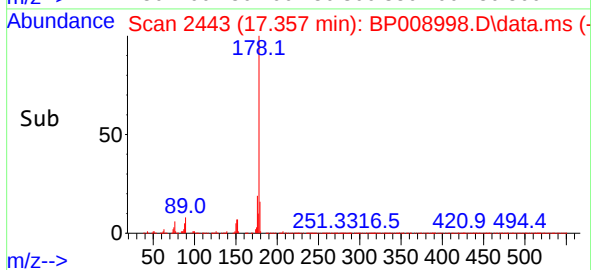
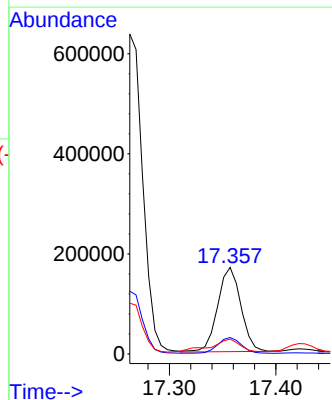
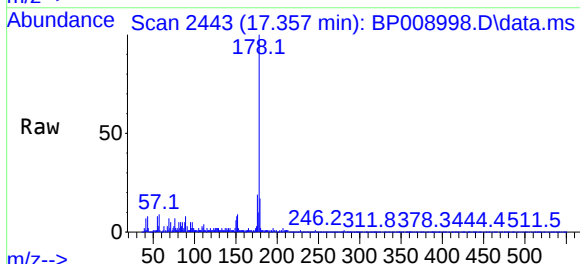
Manual Integrations
APPROVED

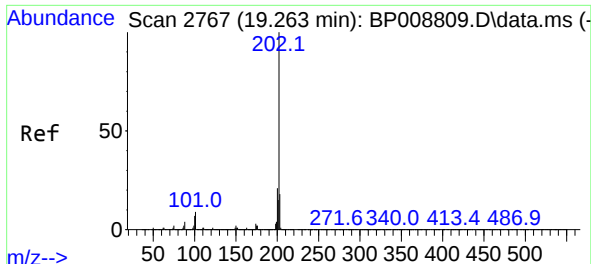
Reviewed By :Christian Giraldo 02/02/2022
Supervised By :Jagrut Upadhyay 02/02/2022



#72
Anthracene
Concen: 3.695 ng
RT: 17.357 min Scan# 2443
Delta R.T. -0.012 min
Lab File: BP008998.D
Acq: 01 Feb 2022 21:30

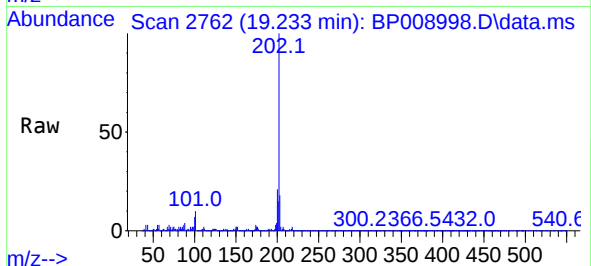
Tgt Ion:178 Resp: 254037
Ion Ratio Lower Upper
178 100
176 19.0 15.1 22.7
179 17.3 12.8 19.2





#75
Fluoranthene
Concen: 17.931 ng
RT: 19.233 min Scan# 2116
Delta R.T. -0.012 min
Lab File: BP008998.D
Acq: 01 Feb 2022 21:30

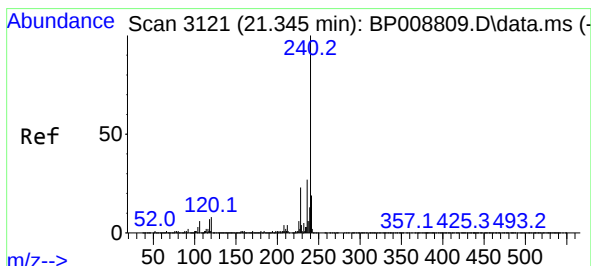
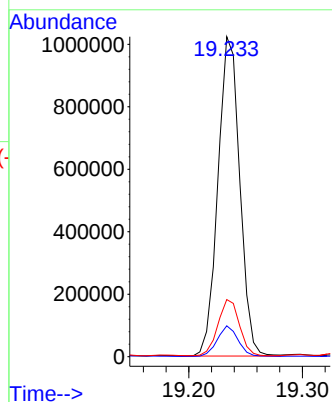
Instrument :
BNA_P
ClientSampleId :
17B-MISC-A



Tgt Ion:202 Resp: 1366440
Ion Ratio Lower Upper
202 100
101 9.6 0.0 30.7
203 17.8 0.0 38.9

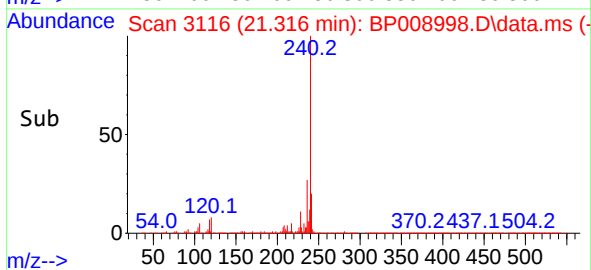
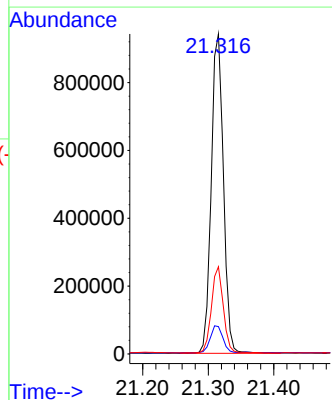
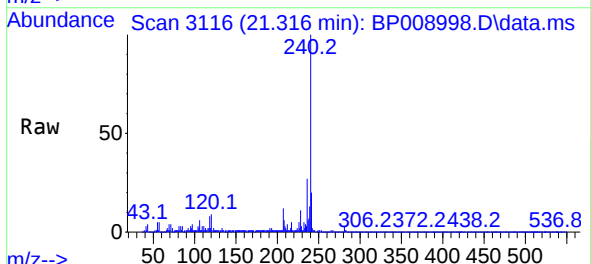
Manual Integrations
APPROVED

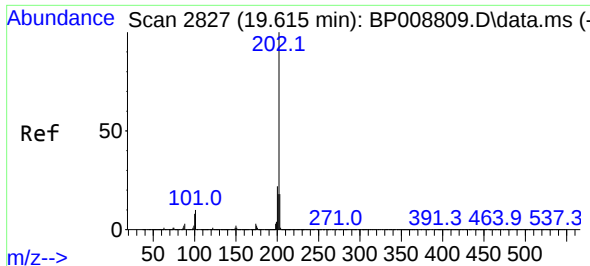
Reviewed By :Christian Giraldo 02/02/2022
Supervised By :Jagrut Upadhyay 02/02/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.316 min Scan# 3116
Delta R.T. -0.012 min
Lab File: BP008998.D
Acq: 01 Feb 2022 21:30

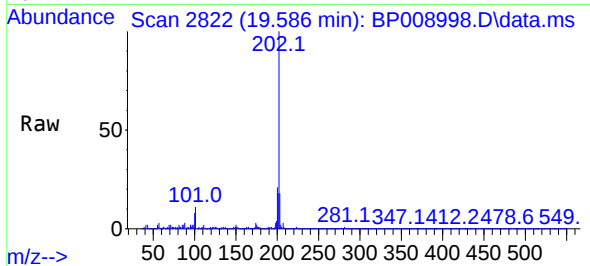
Tgt Ion:240 Resp: 1215208
Ion Ratio Lower Upper
240 100
120 8.5 7.7 11.5
236 27.2 21.2 31.8





#78
 Pyrene
 Concen: 15.051 ng
 RT: 19.586 min Scan# 2822
 Delta R.T. -0.012 min
 Lab File: BP008998.D
 Acq: 01 Feb 2022 21:30

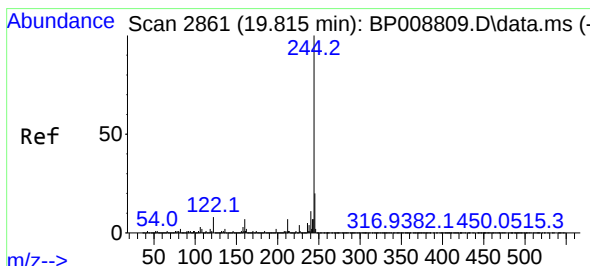
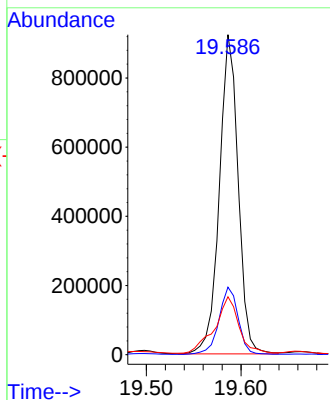
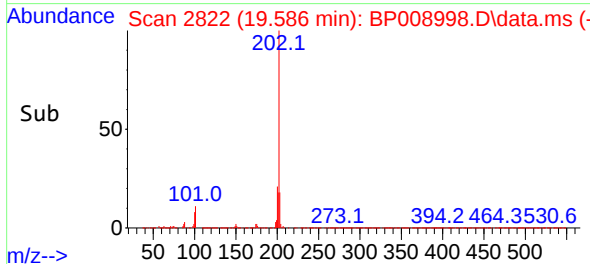
Instrument :
 BNA_P
 ClientSampleId :
 17B-MISC-A



Tgt Ion:202 Resp: 1276200
 Ion Ratio Lower Upper
 202 100
 200 21.1 18.0 27.0
 203 18.1 15.0 22.6

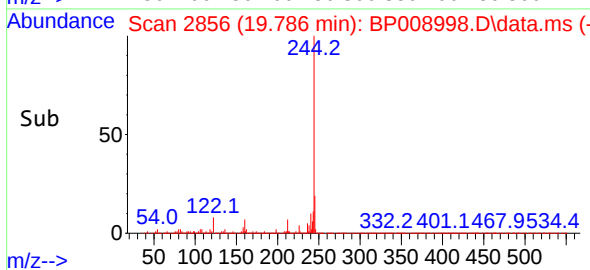
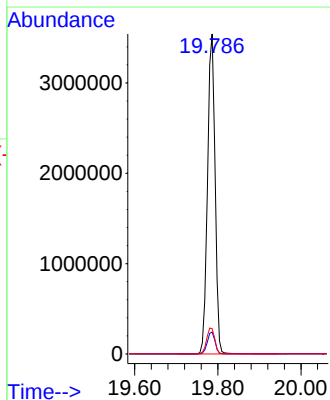
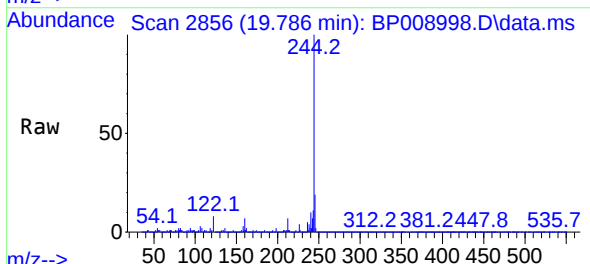
Manual Integrations
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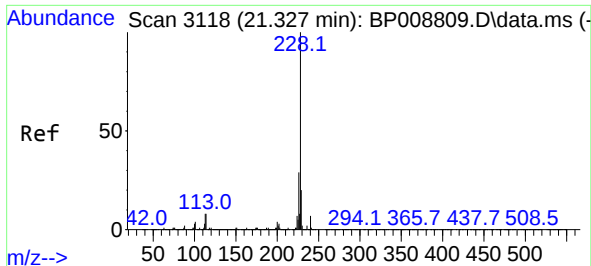
Reviewed By :Christian Giraldo 02/02/2022
 Supervised By :Jagrut Upadhyay 02/02/2022



#79
 Terphenyl-d14
 Concen: 62.252 ng
 RT: 19.786 min Scan# 2856
 Delta R.T. -0.012 min
 Lab File: BP008998.D
 Acq: 01 Feb 2022 21:30

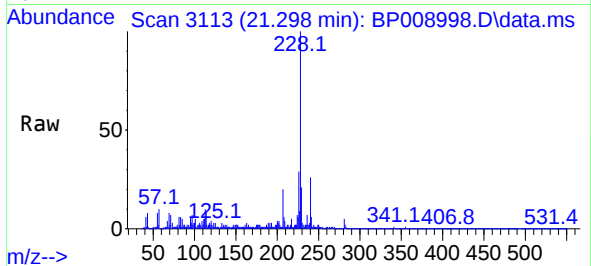
Tgt Ion:244 Resp: 4481763
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.5 9.7
 122 7.9 9.2 13.8#





#81
Benzo(a)anthracene
Concen: 8.848 ng
RT: 21.298 min Scan# 3113
Delta R.T. -0.012 min
Lab File: BP008998.D
Acq: 01 Feb 2022 21:30

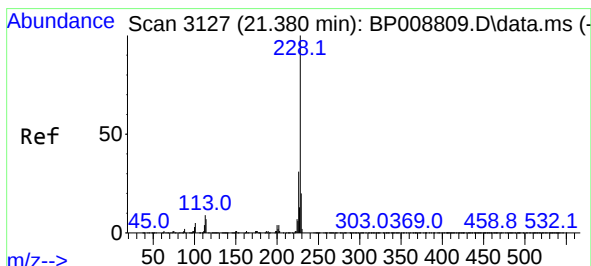
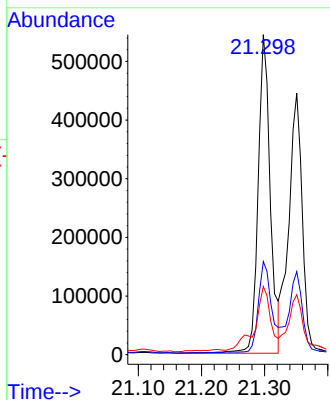
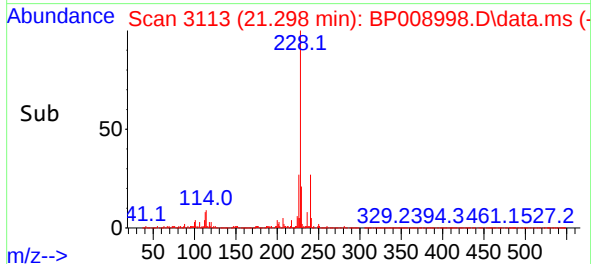
Instrument :
BNA_P
ClientSampleId :
17B-MISC-A



Tgt Ion:228 Resp: 723370
Ion Ratio Lower Upper
228 100
226 29.1 23.3 34.9
229 21.3 17.0 25.6

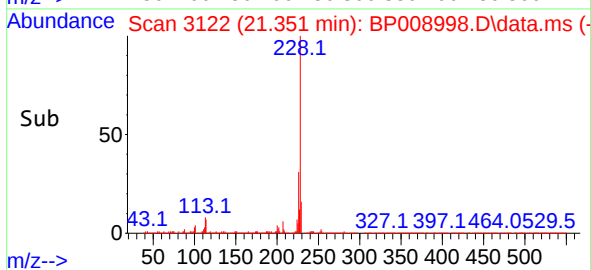
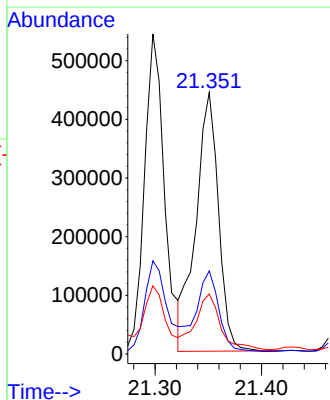
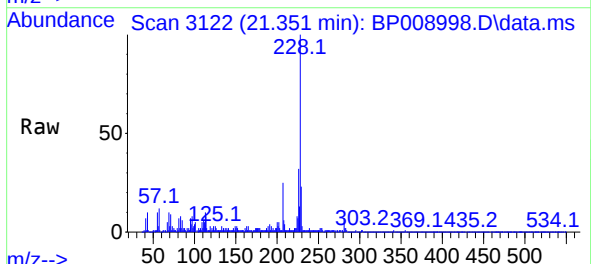
Manual Integrations
APPROVED

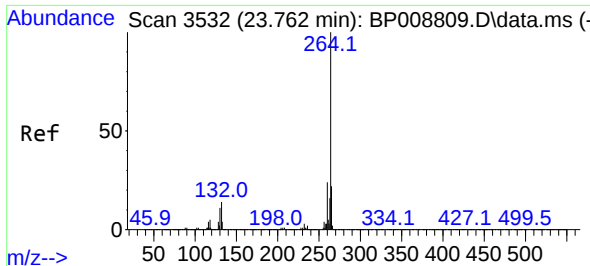
Reviewed By :Christian Giraldo 02/02/2022
Supervised By :Jagrut Upadhyay 02/02/2022



#83
Chrysene
Concen: 8.235 ng
RT: 21.351 min Scan# 3122
Delta R.T. -0.012 min
Lab File: BP008998.D
Acq: 01 Feb 2022 21:30

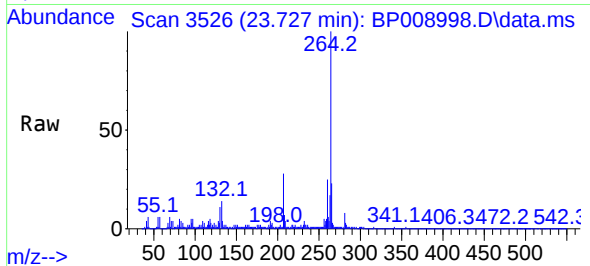
Tgt Ion:228 Resp: 652660
Ion Ratio Lower Upper
228 100
226 31.8 26.0 39.0
229 23.0 16.9 25.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.727 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP008998.D
Acq: 01 Feb 2022 21:30

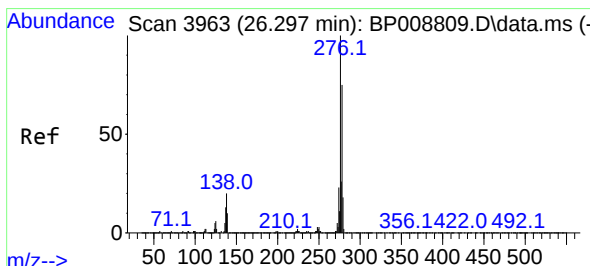
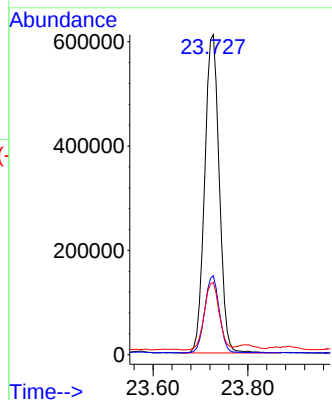
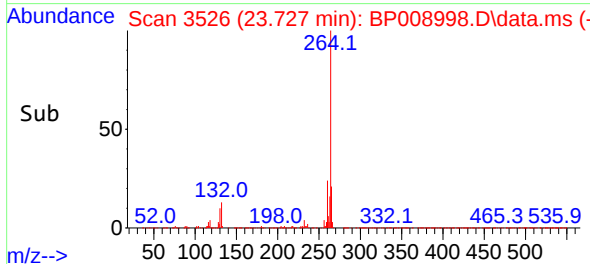
Instrument :
BNA_P
ClientSampleId :
17B-MISC-A



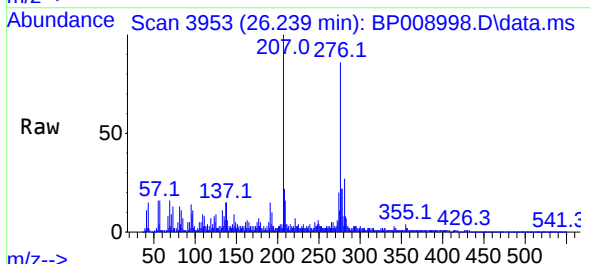
Tgt Ion:264 Resp: 130715
Ion Ratio Lower Upper
264 100
260 24.7 19.1 28.7
265 22.6 17.1 25.7

Manual Integrations
APPROVED

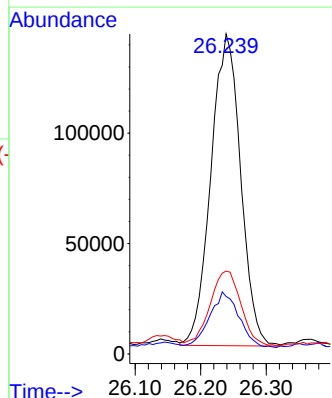
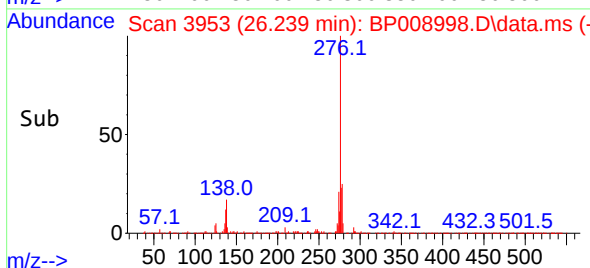
Reviewed By :Christian Giraldo 02/02/2022
Supervised By :Jagrut Upadhyay 02/02/2022

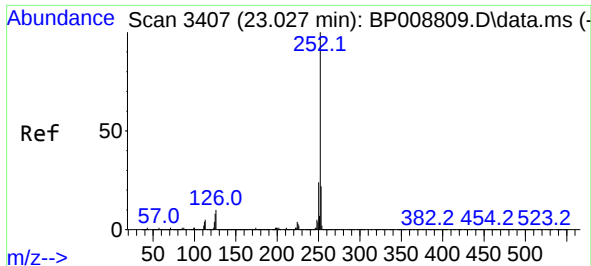


#87
Indeno(1,2,3-cd)pyrene
Concen: 4.127 ng
RT: 26.239 min Scan# 3953
Delta R.T. -0.023 min
Lab File: BP008998.D
Acq: 01 Feb 2022 21:30



Tgt Ion:276 Resp: 444482
Ion Ratio Lower Upper
276 100
138 17.8 17.8 26.6
277 24.9 20.4 30.6





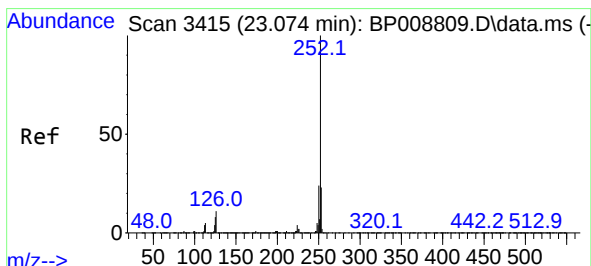
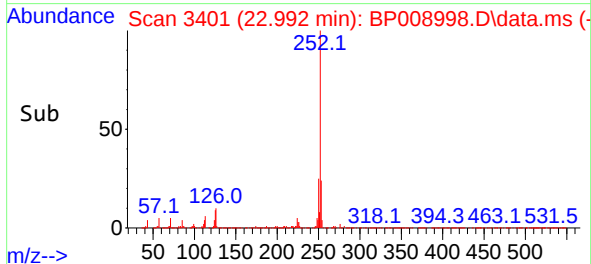
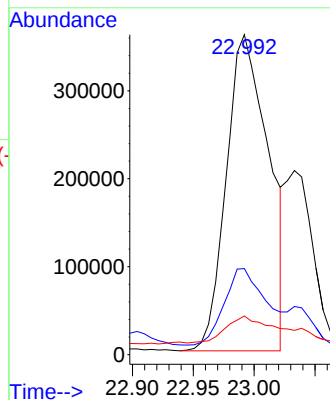
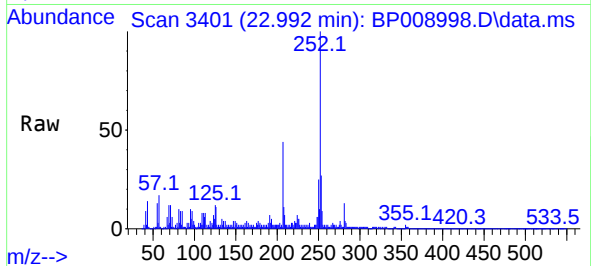
#88
Benzo(b)fluoranthene
Concen: 9.954 ng
RT: 22.992 min Scan# 3407
Delta R.T. -0.012 min
Lab File: BP008998.D
Acq: 01 Feb 2022 21:30

Instrument :
BNA_P
ClientSampleId :
17B-MISC-A

Tgt Ion:252 Resp: 868972
Ion Ratio Lower Upper
252 100
253 26.9 18.0 27.0
125 12.1 6.9 10.3

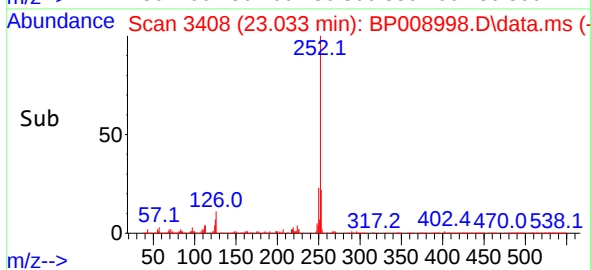
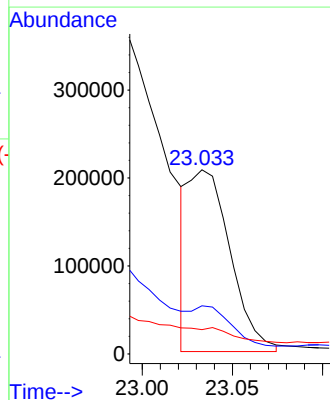
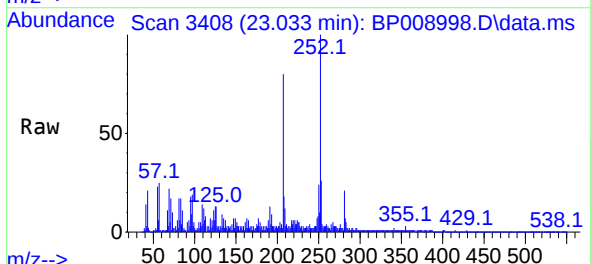
Manual Integrations
APPROVED

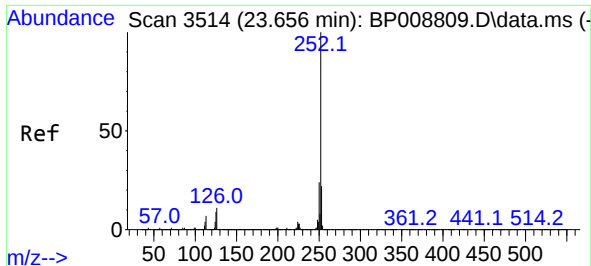
Reviewed By :Christian Giraldo 02/02/2022
Supervised By :Jagrut Upadhyay 02/02/2022



#89
Benzo(k)fluoranthene
Concen: 3.920 ng m
RT: 23.033 min Scan# 3408
Delta R.T. -0.018 min
Lab File: BP008998.D
Acq: 01 Feb 2022 21:30

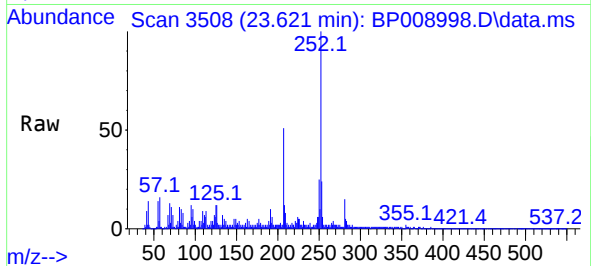
Tgt Ion:252 Resp: 331241
Ion Ratio Lower Upper
252 100
253 26.1 18.2 27.2
125 13.2 7.3 10.9





#90
Benzo(a)pyrene
Concen: 7.655 ng
RT: 23.621 min Scan# 3508
Delta R.T. -0.012 min
Lab File: BP008998.D
Acq: 01 Feb 2022 21:30

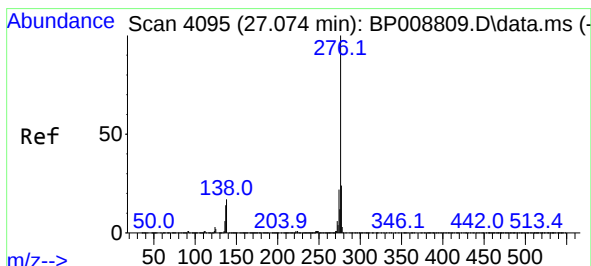
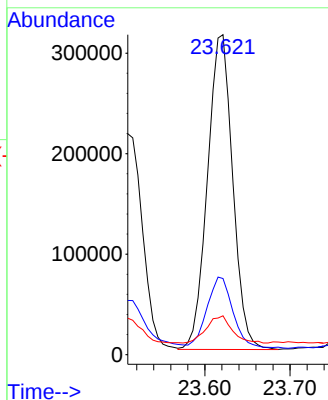
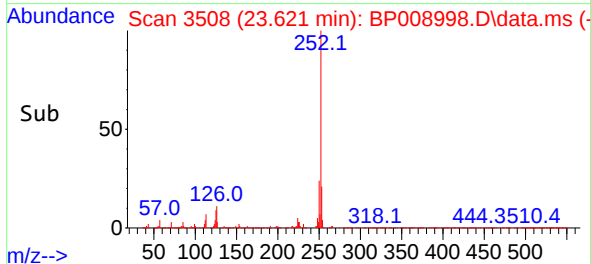
Instrument :
BNA_P
ClientSampleId :
17B-MISC-A



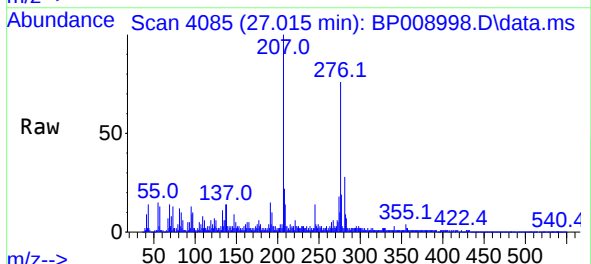
Tgt Ion:252 Resp: 645030
Ion Ratio Lower Upper
252 100
253 23.8 17.8 26.8
125 12.2 7.8 11.6

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 02/02/2022
Supervised By :Jagrut Upadhyay 02/02/2022



#92
Benzo(g,h,i)perylene
Concen: 5.018 ng
RT: 27.015 min Scan# 4085
Delta R.T. -0.018 min
Lab File: BP008998.D
Acq: 01 Feb 2022 21:30



Tgt Ion:276 Resp: 448739
Ion Ratio Lower Upper
276 100
277 25.6 19.2 28.8
138 18.6 15.0 22.4

