

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031422\
 Data File : BP009395.D
 Acq On : 14 Mar 2022 22:28
 Operator : CG/JU
 Sample : N1905-15 10X
 Misc :
 ALS Vial : 18 Sample Multiplier: 2

Instrument :
 BNA_P
 ClientSampleId :
 WC-14A-1A-1

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/15/2022
 Supervised By : mohammad ahmed 03/16/2022

Quant Time: Mar 15 01:02:07 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 05 01:55:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	492734	40.000	ng	0.00
21) Naphthalene-d8	10.616	136	1880529	40.000	ng	0.00
39) Acenaphthene-d10	14.463	164	1142537	40.000	ng	0.00
64) Phenanthrene-d10	17.228	188	2011727	40.000	ng	0.00
76) Chrysene-d12	21.339	240	1759326	40.000	ng	0.01
86) Perylene-d12	23.768	264	1967344	40.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	110443	6.544	ng	0.02
7) Phenol-d6	7.011	99	149566	6.973	ng	0.02
23) Nitrobenzene-d5	8.969	82	156202	9.150	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	74766	10.839	ng	0.00
45) 2-Fluorobiphenyl	13.081	172	270489	6.511	ng	0.00
79) Terphenyl-d14	19.804	244	329255	7.063	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.663	128	168440	3.235	ng	# 75
37) 2-Methylnaphthalene	12.281	142	386198m	10.439	ng	
38) 1-Methylnaphthalene	12.498	142	1193297	35.023	ng	98
52) Acenaphthene	14.528	154	81083	2.318	ng	# 88
58) Fluorene	15.516	166	220009	5.301	ng	# 81
71) Phenanthrene	17.269	178	623579	10.787	ng	# 85
72) Anthracene	17.357	178	128821	2.239	ng	# 31
78) Pyrene	19.604	202	258418	4.351	ng	# 64
81) Benzo(a)anthracene	21.327	228	144536	2.424	ng	# 20
83) Chrysene	21.374	228	374343	6.467	ng	# 55

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

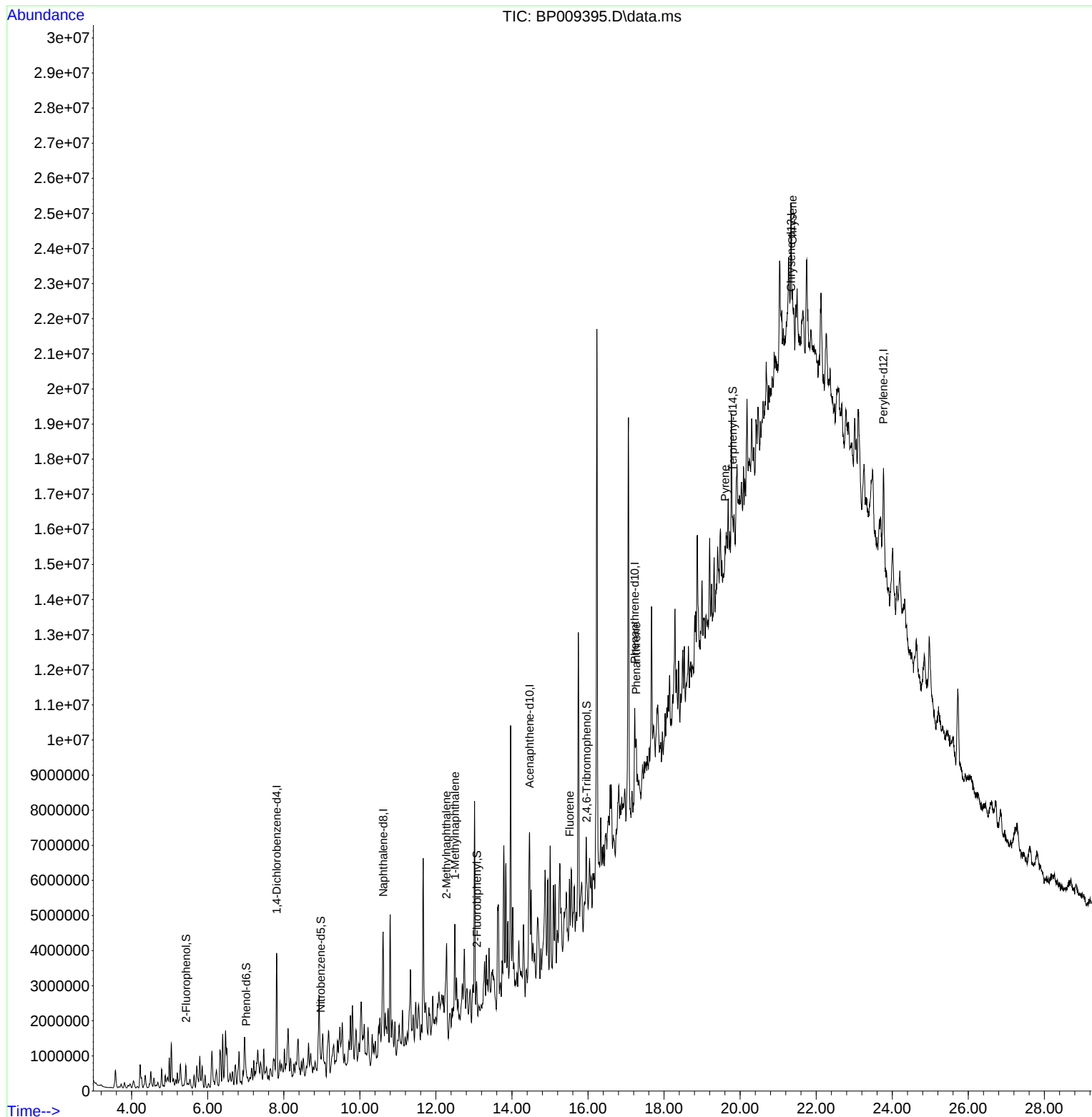
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Data File : BP009395.D
Acq On : 14 Mar 2022 22:28
Operator : CG/JU
Sample : N1905-15 10X
Misc :
ALS Vial : 18 Sample Multiplier: 2

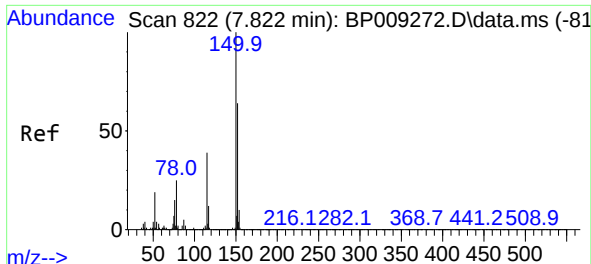
Instrument :
BNA_P
ClientSampleId :
WC-14A-1A-1

Quant Time: Mar 15 01:02:07 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 05 01:55:59 2022
Response via : Initial Calibration

Manual Integrations
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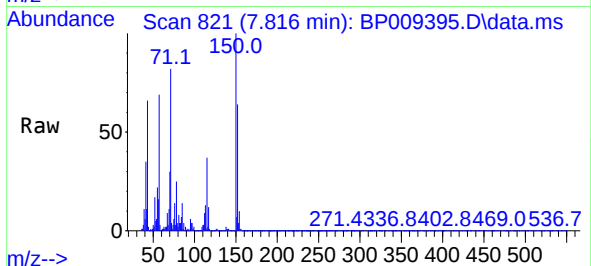
Reviewed By :Christian Giraldo 03/15/2022
Supervised By :mohammad ahmed 03/16/2022





#1
1,4-Dichlorobenzene-d4
Concen: 40.000 ng
RT: 7.816 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP009395.D
Acq: 14 Mar 2022 22:28

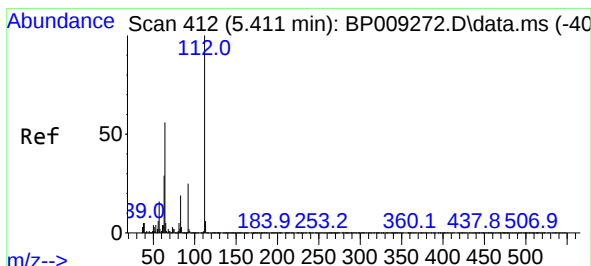
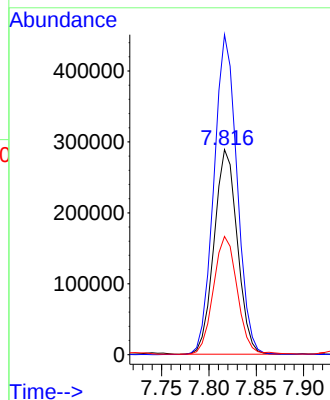
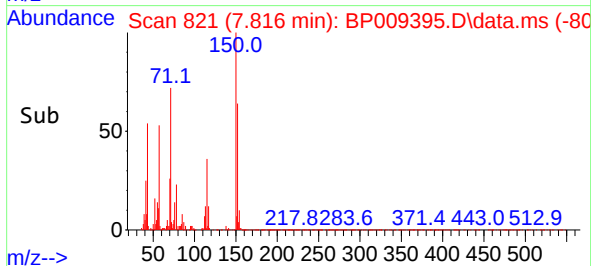
Instrument :
BNA_P
ClientSampleId :
WC-14A-1A-1



Tgt Ion:152 Resp: 492734
Ion Ratio Lower Upper
152 100
150 156.0 124.5 186.7
115 57.6 48.2 72.4

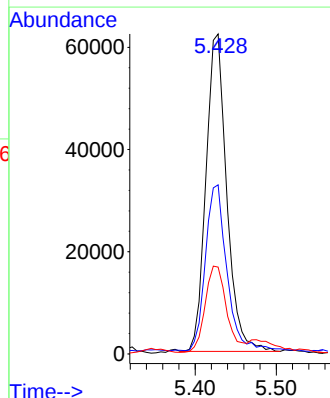
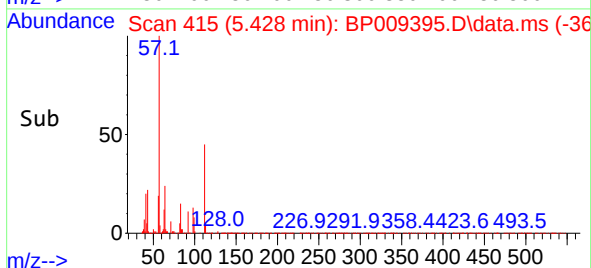
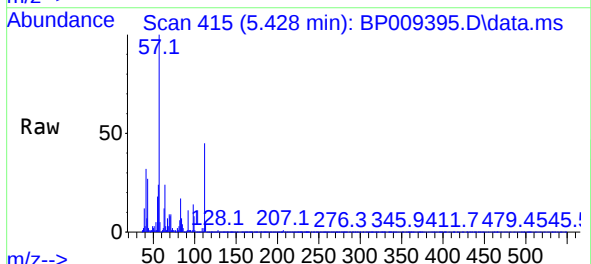
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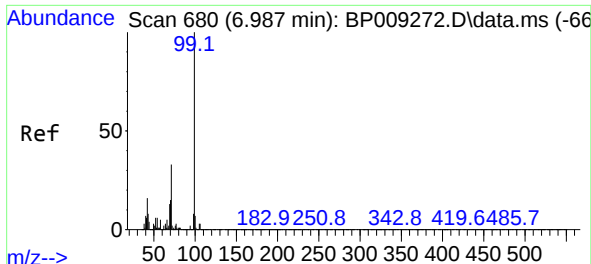
Reviewed By :Christian Giraldo 03/15/2022
Supervised By :mohammad ahmed 03/16/2022



#5
2-Fluorophenol
Concen: 6.544 ng
RT: 5.428 min Scan# 415
Delta R.T. 0.017 min
Lab File: BP009395.D
Acq: 14 Mar 2022 22:28

Tgt Ion:112 Resp: 110443
Ion Ratio Lower Upper
112 100
64 52.8 45.0 67.4
63 27.1 23.0 34.6





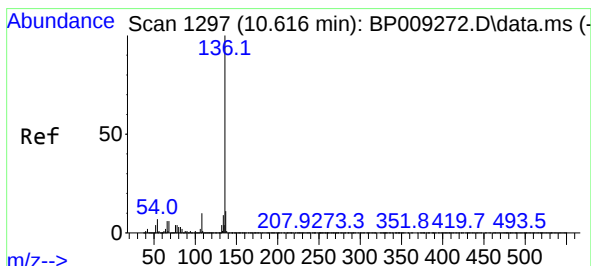
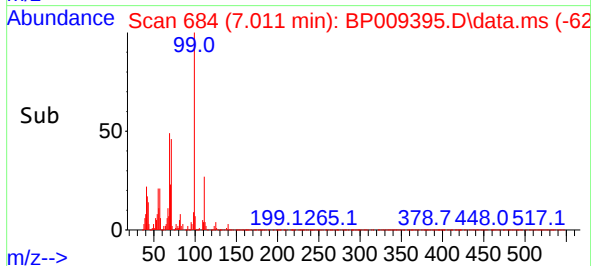
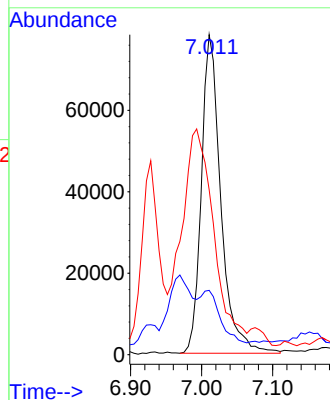
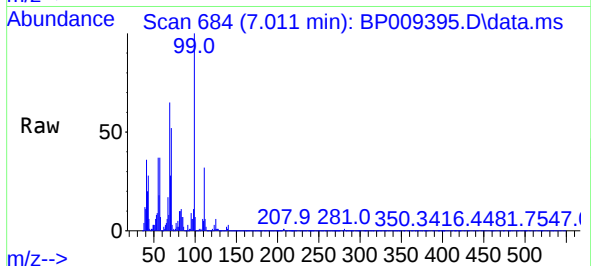
#7
Phenol-d6
Concen: 6.973 ng
RT: 7.011 min Scan# 61
Delta R.T. 0.024 min
Lab File: BP009395.D
Acq: 14 Mar 2022 22:28

Instrument :
BNA_P
ClientSampleId :
WC-14A-1A-1

Tgt Ion: 99 Resp: 149560
Ion Ratio Lower Upper
99 100
42 20.1 12.8 19.2
71 51.6 26.3 39.5

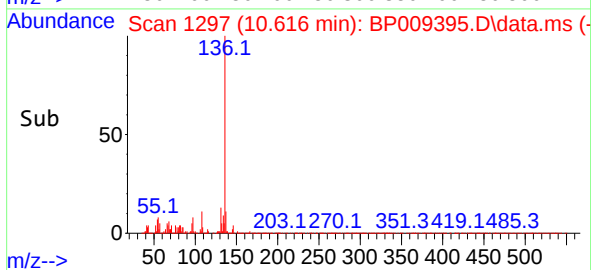
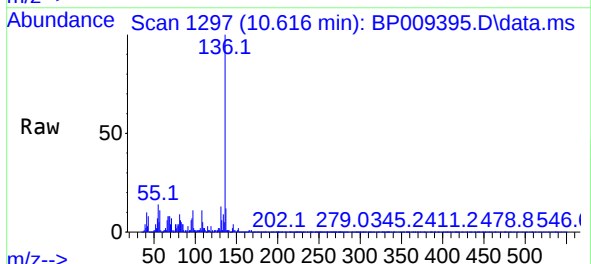
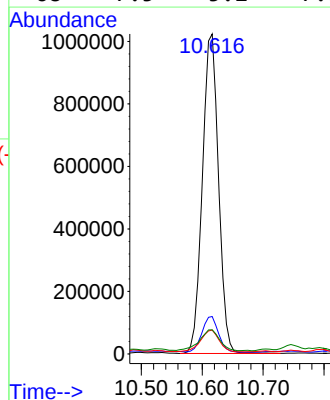
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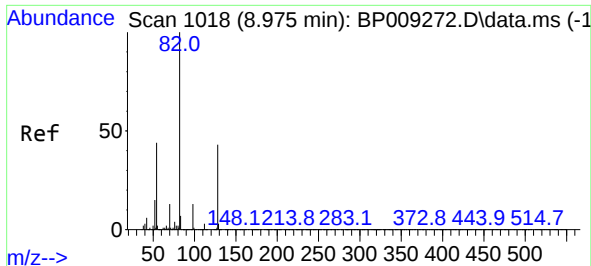
Reviewed By :Christian Giraldo 03/15/2022
Supervised By :mohammad ahmed 03/16/2022



#21
Naphthalene-d8
Concen: 40.000 ng
RT: 10.616 min Scan# 1297
Delta R.T. 0.000 min
Lab File: BP009395.D
Acq: 14 Mar 2022 22:28

Tgt Ion:136 Resp: 1880529
Ion Ratio Lower Upper
136 100
137 11.7 8.6 12.8
54 7.5 5.8 8.8
68 7.5 5.2 7.8





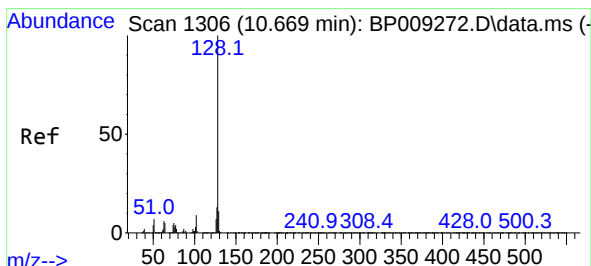
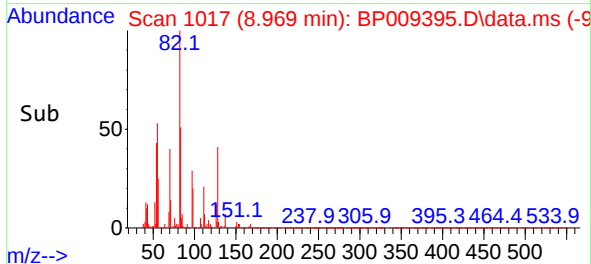
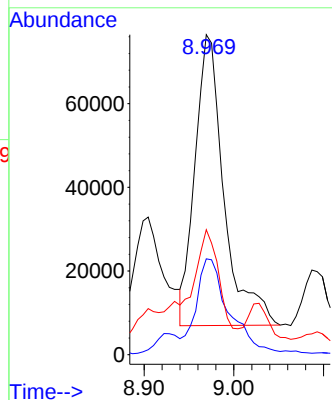
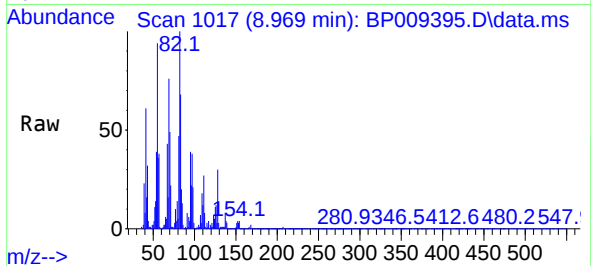
#23
Nitrobenzene-d5
Concen: 9.150 ng
RT: 8.969 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BP009395.D
Acq: 14 Mar 2022 22:28

Instrument :
BNA_P
ClientSampleId :
WC-14A-1A-1

Tgt Ion: 82 Resp: 15620
Ion Ratio Lower Upper
82 100
128 29.9 34.2 51.4#
54 39.1 34.7 52.1#

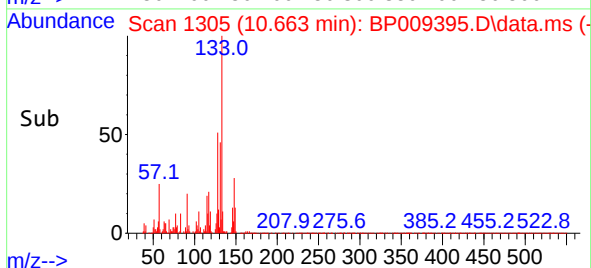
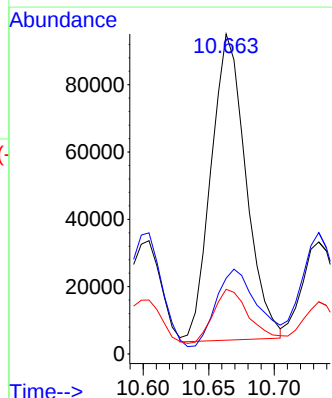
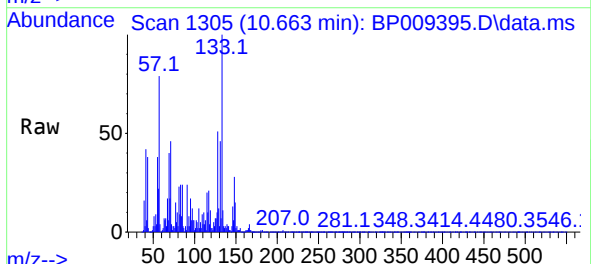
Manual Integrations
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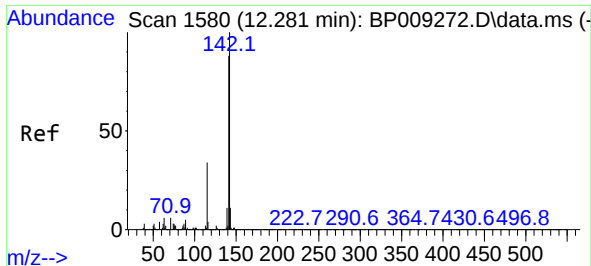
Reviewed By :Christian Giraldo 03/15/2022
Supervised By :mohammad ahmed 03/16/2022



#31
Naphthalene
Concen: 3.235 ng
RT: 10.663 min Scan# 1305
Delta R.T. -0.006 min
Lab File: BP009395.D
Acq: 14 Mar 2022 22:28

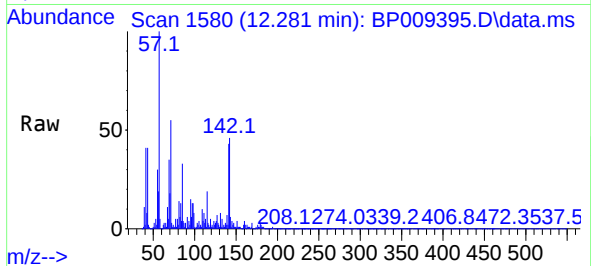
Tgt Ion:128 Resp: 168440
Ion Ratio Lower Upper
128 100
129 23.7 8.6 13.0#
127 20.2 10.5 15.7#





#37
2-Methylnaphthalene
Concen: 10.439 ng m
RT: 12.281 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BP009395.D
Acq: 14 Mar 2022 22:28

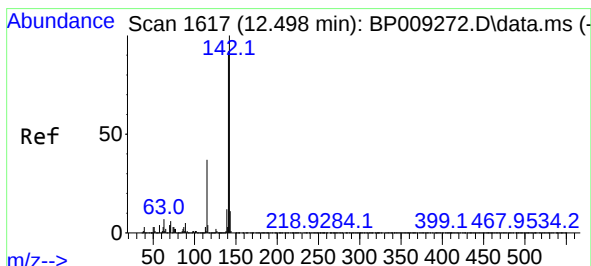
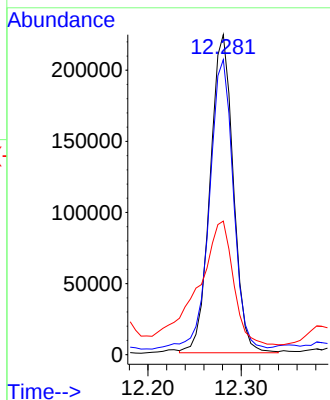
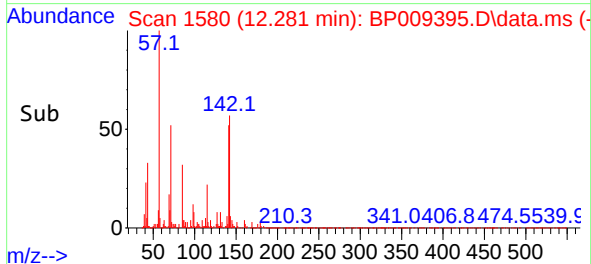
Instrument :
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ClientSampleId :
WC-14A-1A-1



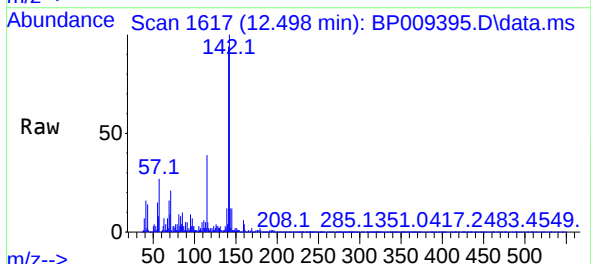
Tgt Ion:142 Resp: 386198
Ion Ratio Lower Upper
142 100
141 92.2 70.2 105.4
115 41.7 27.4 41.2

Manual Integrations
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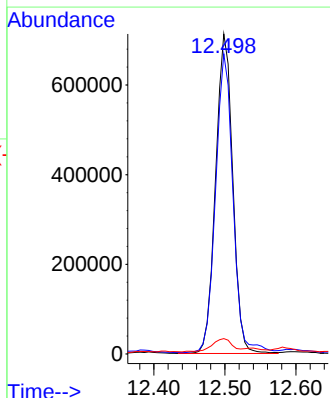
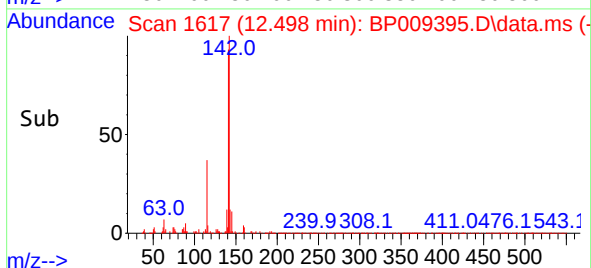
Reviewed By :Christian Giraldo 03/15/2022
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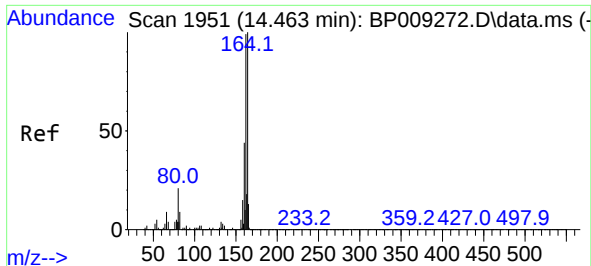


#38
1-Methylnaphthalene
Concen: 35.023 ng
RT: 12.498 min Scan# 1617
Delta R.T. 0.000 min
Lab File: BP009395.D
Acq: 14 Mar 2022 22:28



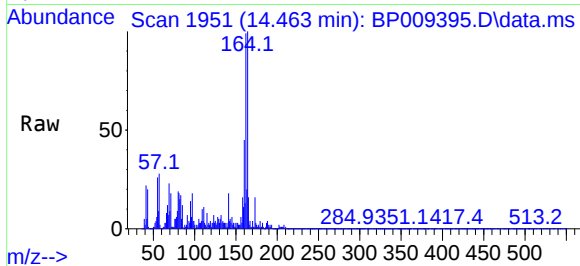
Tgt Ion:142 Resp: 1193297
Ion Ratio Lower Upper
142 100
141 93.8 73.5 110.3
116 4.8 3.3 4.9





#39
Acenaphthene-d10
Concen: 40.000 ng
RT: 14.463 min Scan# 1951
Delta R.T. 0.000 min
Lab File: BP009395.D
Acq: 14 Mar 2022 22:28

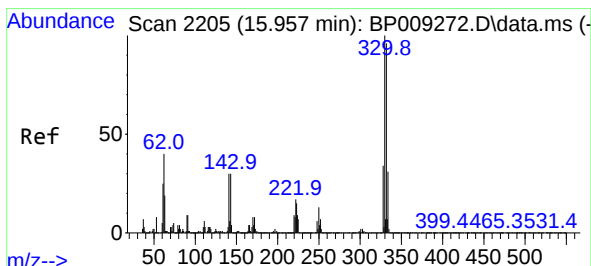
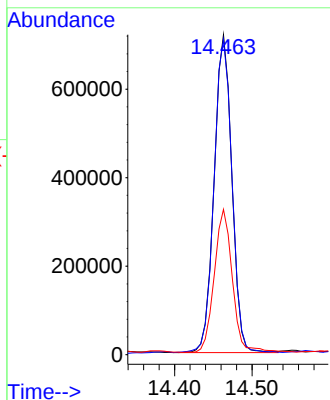
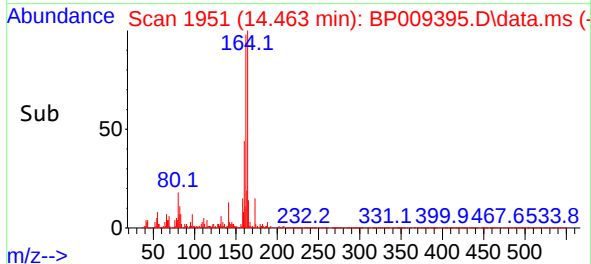
Instrument :
BNA_P
ClientSampleId :
WC-14A-1A-1



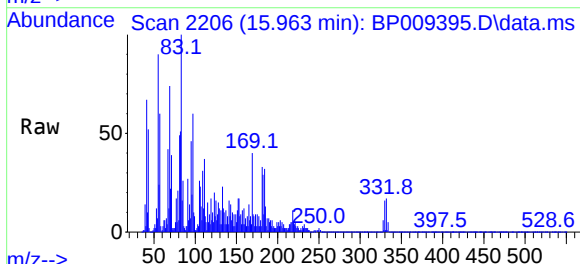
Tgt Ion:164 Resp: 114253
Ion Ratio Lower Upper
164 100
162 98.6 79.1 118.7
160 45.4 34.9 52.3

Manual Integrations
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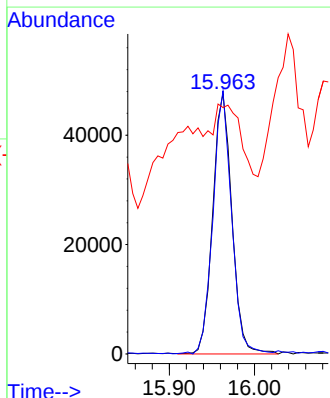
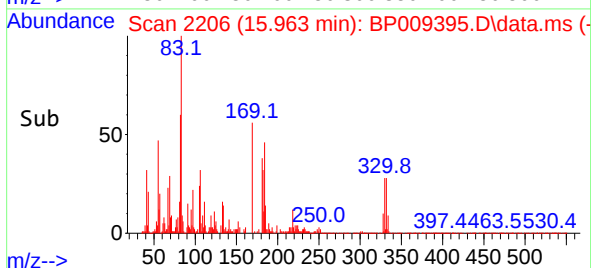
Reviewed By :Christian Giraldo 03/15/2022
Supervised By :mohammad ahmed 03/16/2022

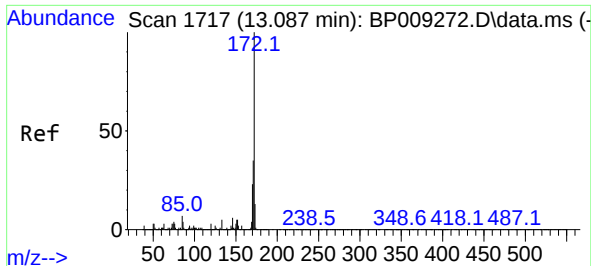


#42
2,4,6-Tribromophenol
Concen: 10.839 ng
RT: 15.963 min Scan# 2206
Delta R.T. 0.006 min
Lab File: BP009395.D
Acq: 14 Mar 2022 22:28



Tgt Ion:330 Resp: 74766
Ion Ratio Lower Upper
330 100
332 97.7 77.0 115.6
141 33.0 27.6 41.4





#45
2-Fluorobiphenyl
Concen: 6.511 ng
RT: 13.081 min Scan# 1716
Delta R.T. -0.006 min
Lab File: BP009395.D
Acq: 14 Mar 2022 22:28

Instrument :

BNA_P

ClientSampleId :

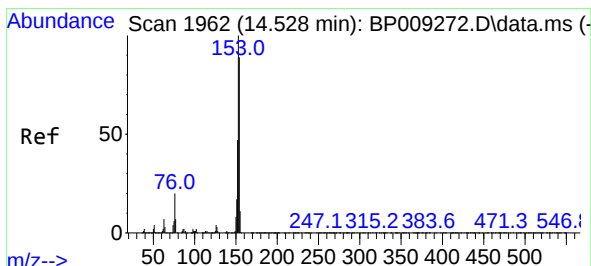
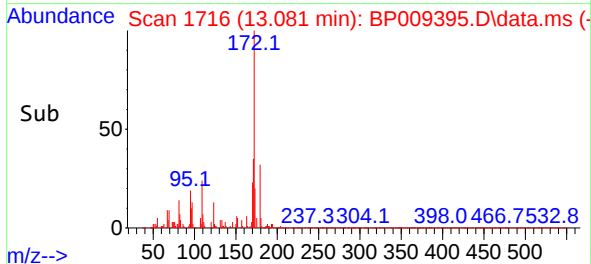
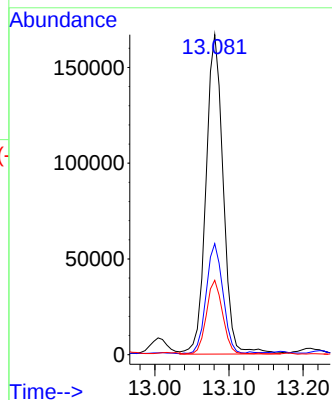
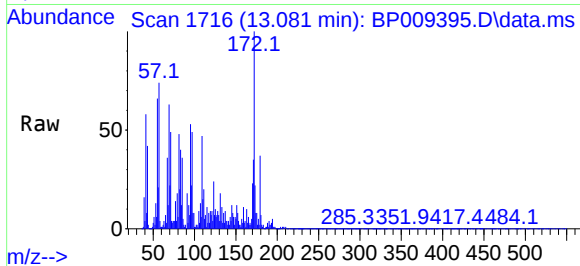
WC-14A-1A-1

Tgt Ion:172 Resp: 270489
Ion Ratio Lower Upper
172 100
171 34.7 28.0 42.0
170 23.3 18.6 27.8

Manual Integrations

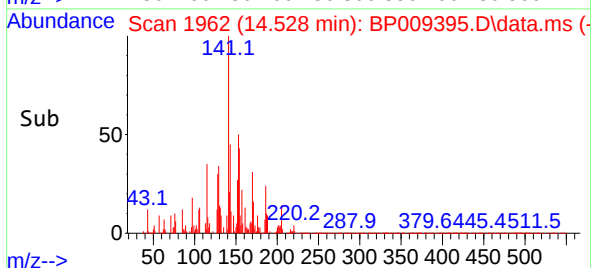
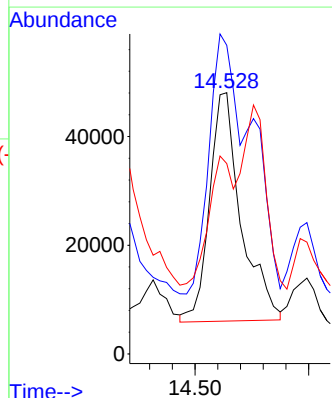
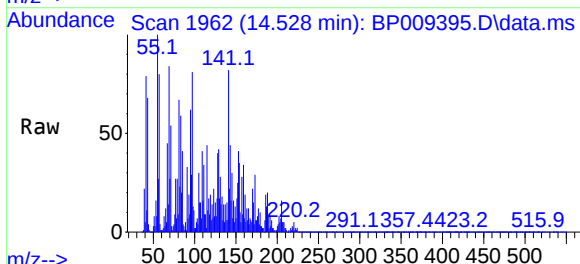
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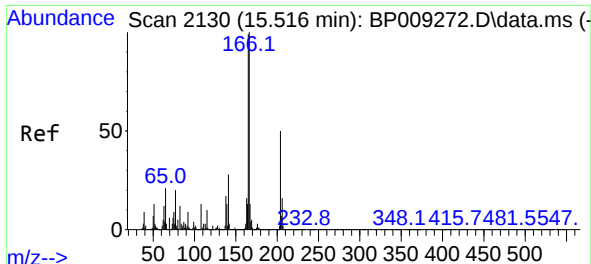
Reviewed By :Christian Giraldo 03/15/2022
Supervised By :mohammad ahmed 03/16/2022



#52
Acenaphthene
Concen: 2.318 ng
RT: 14.528 min Scan# 1962
Delta R.T. 0.000 min
Lab File: BP009395.D
Acq: 14 Mar 2022 22:28

Tgt Ion:154 Resp: 81083
Ion Ratio Lower Upper
154 100
153 118.1 90.2 135.4
152 72.9 42.7 64.1#





#58
Fluorene
Concen: 5.301 ng
RT: 15.516 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BP009395.D
Acq: 14 Mar 2022 22:28

Instrument :

BNA_P

ClientSampleId :

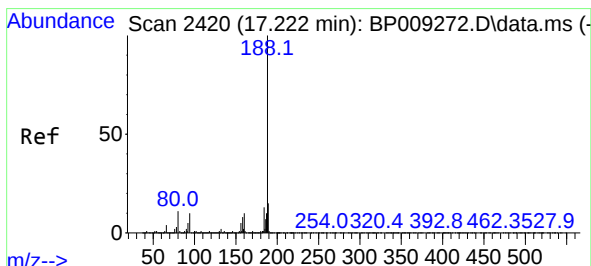
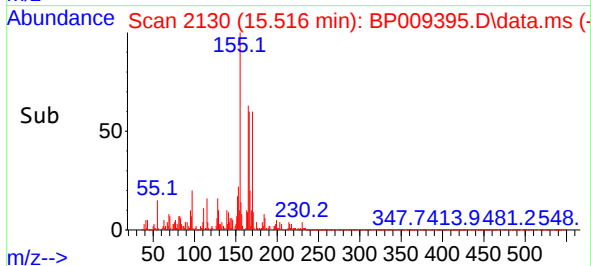
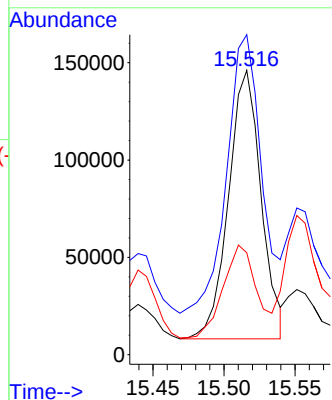
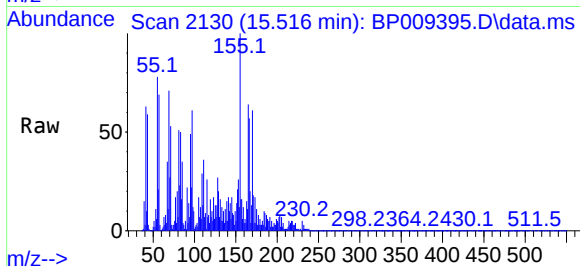
WC-14A-1A-1

Tgt Ion:166 Resp: 220009
Ion Ratio Lower Upper
166 100
165 112.6 79.2 118.8
167 35.8 10.7 16.1

Manual Integrations

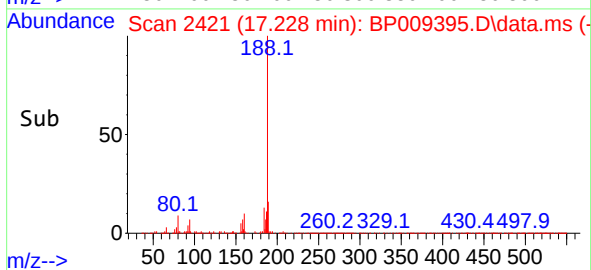
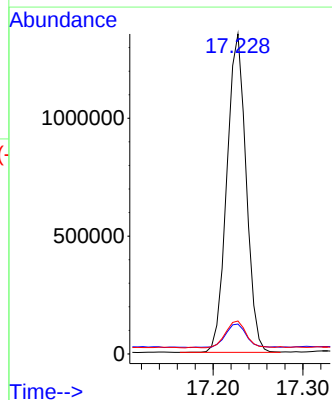
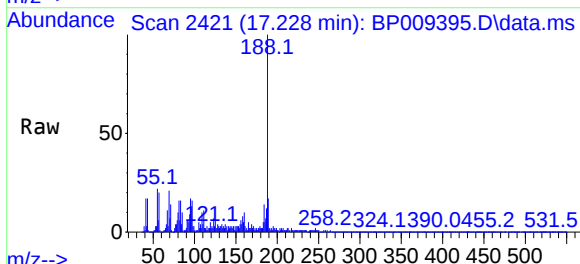
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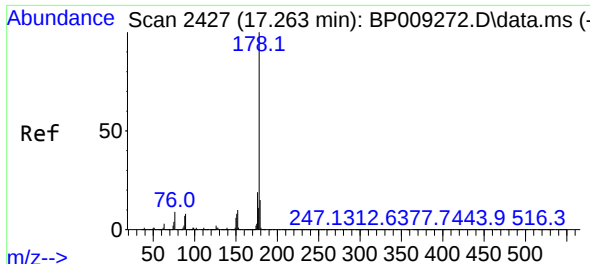
Reviewed By :Christian Giraldo 03/15/2022
Supervised By :mohammad ahmed 03/16/2022



#64
Phenanthrene-d10
Concen: 40.000 ng
RT: 17.228 min Scan# 2421
Delta R.T. 0.006 min
Lab File: BP009395.D
Acq: 14 Mar 2022 22:28

Tgt Ion:188 Resp: 2011727
Ion Ratio Lower Upper
188 100
94 9.3 7.9 11.9
80 10.3 8.8 13.2





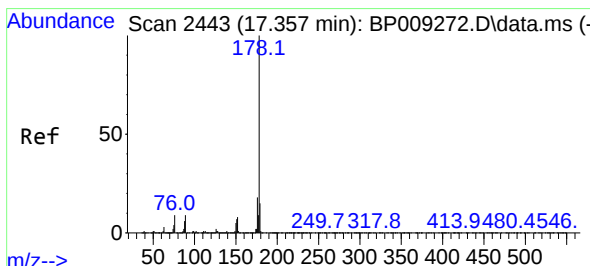
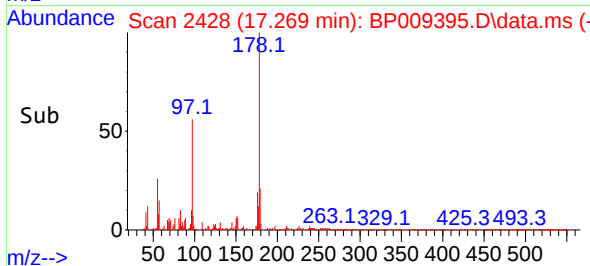
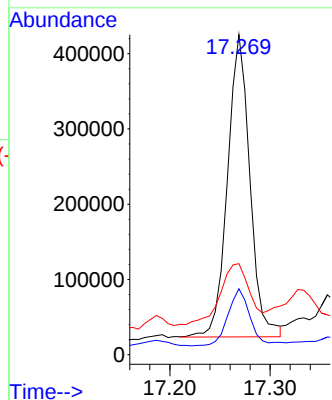
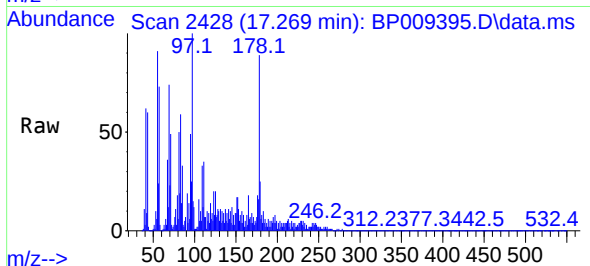
#71
Phenanthrene
Concen: 10.787 ng
RT: 17.269 min Scan# 2427
Delta R.T. 0.006 min
Lab File: BP009395.D
Acq: 14 Mar 2022 22:28

Instrument :
BNA_P
ClientSampleId :
WC-14A-1A-1

Tgt Ion:178 Resp: 623579
Ion Ratio Lower Upper
178 100
176 20.6 15.4 23.2
179 28.4 12.3 18.5

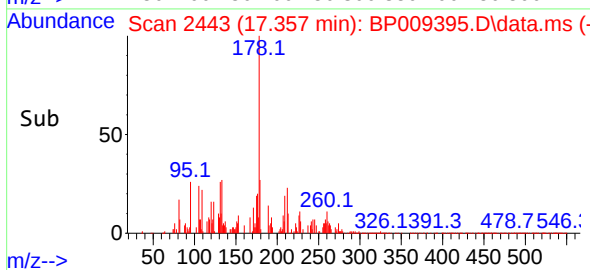
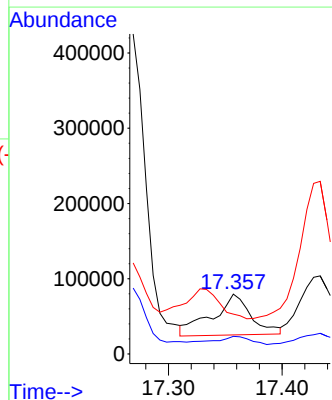
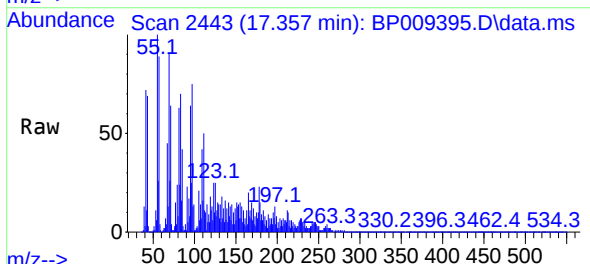
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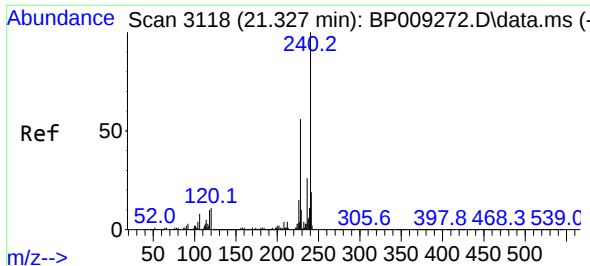
Reviewed By :Christian Giraldo 03/15/2022
Supervised By :mohammad ahmed 03/16/2022



#72
Anthracene
Concen: 2.239 ng
RT: 17.357 min Scan# 2443
Delta R.T. 0.000 min
Lab File: BP009395.D
Acq: 14 Mar 2022 22:28

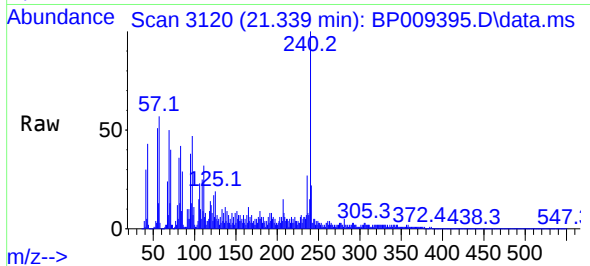
Tgt Ion:178 Resp: 128821
Ion Ratio Lower Upper
178 100
176 29.5 14.8 22.2#
179 66.6 12.2 18.4#





#76
Chrysene-d12
Concen: 40.000 ng
RT: 21.339 min Scan# 3118
Delta R.T. 0.012 min
Lab File: BP009395.D
Acq: 14 Mar 2022 22:28

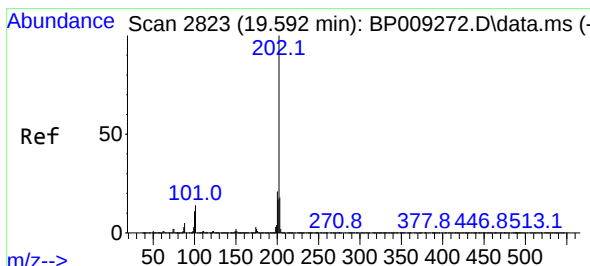
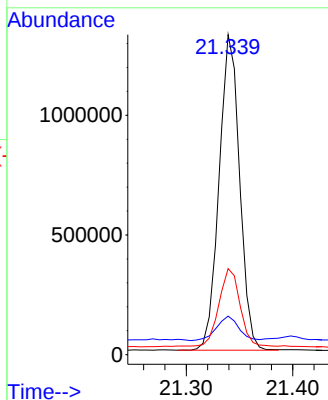
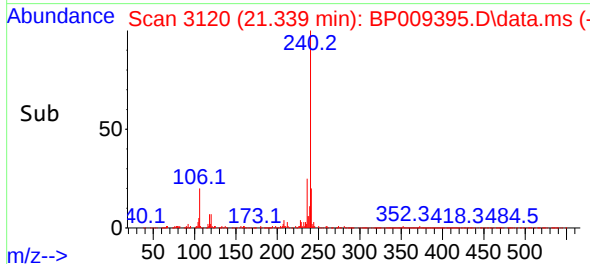
Instrument :
BNA_P
ClientSampleId :
WC-14A-1A-1



Tgt Ion:240 Resp: 1759320
Ion Ratio Lower Upper
240 100
120 12.0 9.0 13.4
236 26.9 20.6 30.8

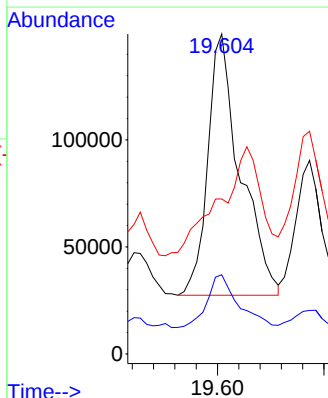
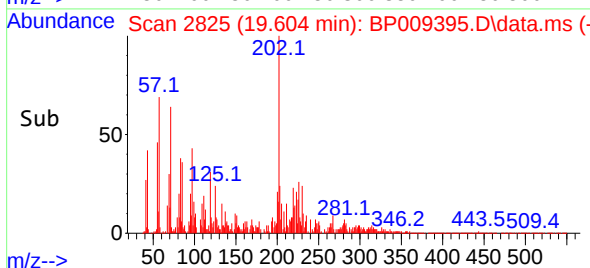
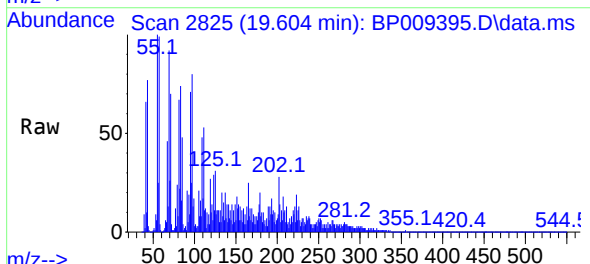
Manual Integrations
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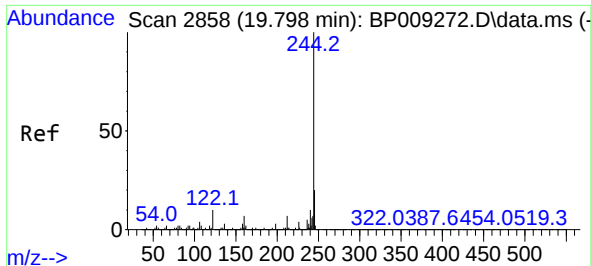
Reviewed By :Christian Giraldo 03/15/2022
Supervised By :mohammad ahmed 03/16/2022



#78
Pyrene
Concen: 4.351 ng
RT: 19.604 min Scan# 2825
Delta R.T. 0.012 min
Lab File: BP009395.D
Acq: 14 Mar 2022 22:28

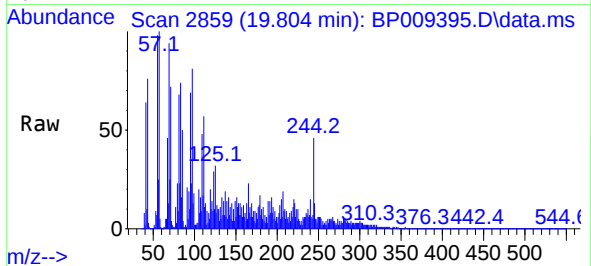
Tgt Ion:202 Resp: 258418
Ion Ratio Lower Upper
202 100
200 24.7 16.8 25.2
203 48.4 14.2 21.4





#79
Terphenyl-d14
Concen: 7.063 ng
RT: 19.804 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP009395.D
Acq: 14 Mar 2022 22:28

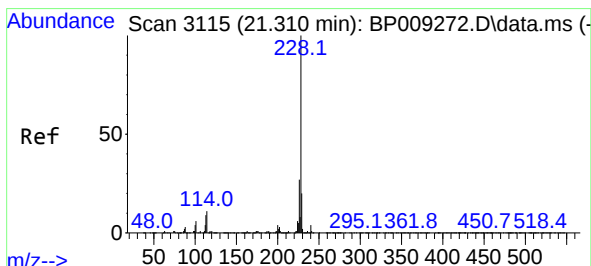
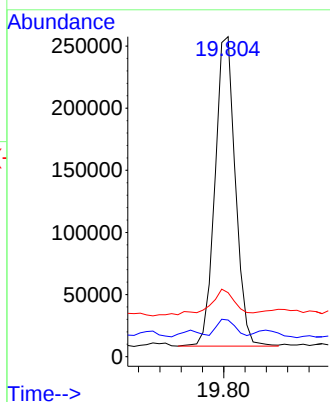
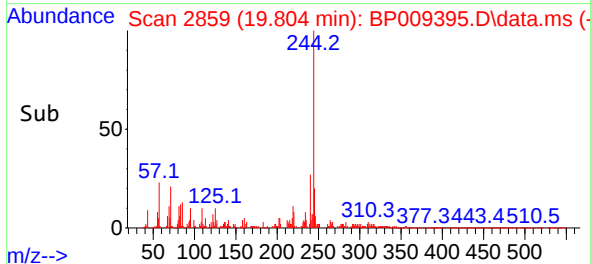
Instrument :
BNA_P
ClientSampleId :
WC-14A-1A-1



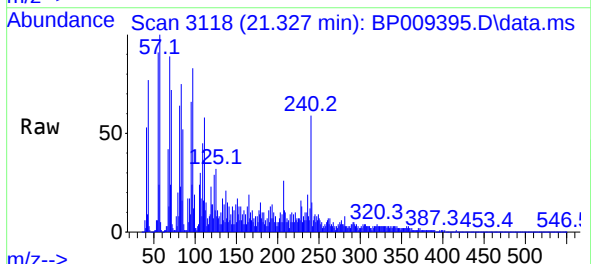
Tgt Ion:244 Resp: 32925
Ion Ratio Lower Upper
244 100
212 11.4 5.8 8.6
122 20.0 8.3 12.5

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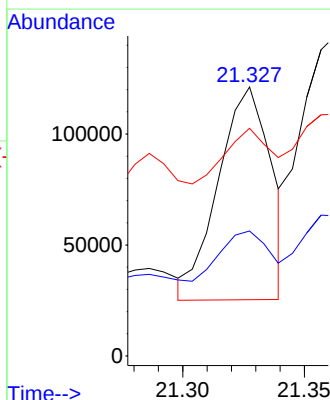
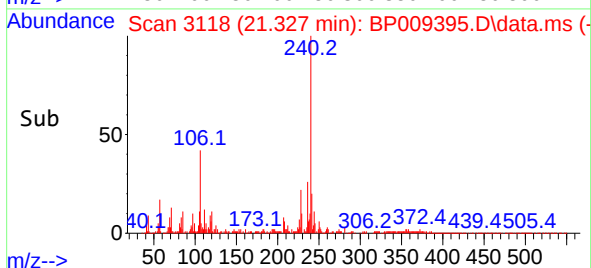
Reviewed By :Christian Giraldo 03/15/2022
Supervised By :mohammad ahmed 03/16/2022

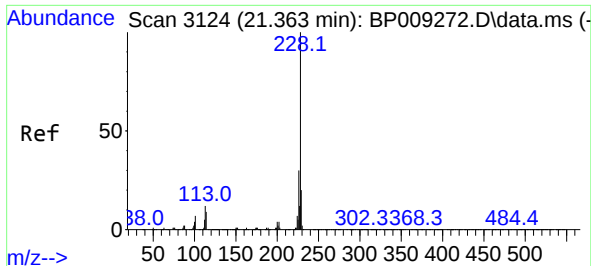


#81
Benzo(a)anthracene
Concen: 2.424 ng
RT: 21.327 min Scan# 3118
Delta R.T. 0.018 min
Lab File: BP009395.D
Acq: 14 Mar 2022 22:28



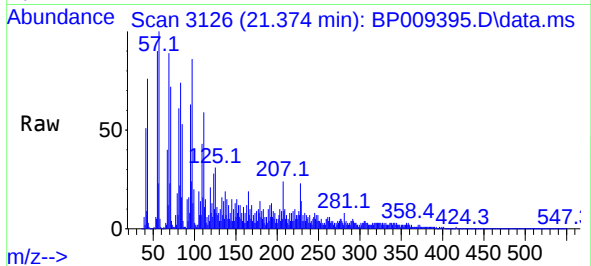
Tgt Ion:228 Resp: 144536
Ion Ratio Lower Upper
228 100
226 46.5 22.0 33.0#
229 84.6 16.1 24.1#





#83
Chrysene
Concen: 6.467 ng
RT: 21.374 min Scan# 3124
Delta R.T. 0.012 min
Lab File: BP009395.D
Acq: 14 Mar 2022 22:28

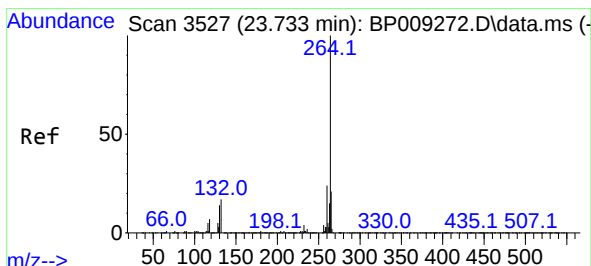
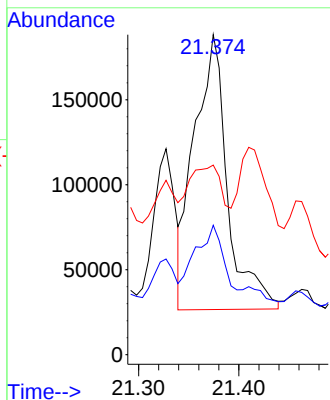
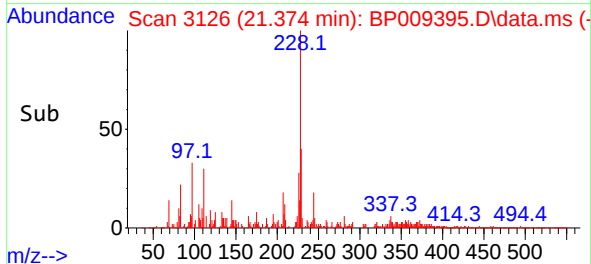
Instrument :
BNA_P
ClientSampleId :
WC-14A-1A-1



Tgt Ion:228 Resp: 37434
Ion Ratio Lower Upper
228 100
226 40.5 24.2 36.2
229 59.2 16.1 24.1

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Reviewed By :Christian Giraldo 03/15/2022
Supervised By :mohammad ahmed 03/16/2022



#86
Perylene-d12
Concen: 40.000 ng
RT: 23.768 min Scan# 3533
Delta R.T. 0.035 min
Lab File: BP009395.D
Acq: 14 Mar 2022 22:28

Tgt Ion:264 Resp: 1967344
Ion Ratio Lower Upper
264 100
260 25.0 19.4 29.0
265 24.3 17.2 25.8

