

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031422\
 Data File : BP009392.D
 Acq On : 14 Mar 2022 20:48
 Operator : CG/JU
 Sample : N1905-11 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

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

Quant Time: Mar 15 01:01:41 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	326749	20.000	ng	0.00
21) Naphthalene-d8	10.610	136	1312764	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	847279	20.000	ng	0.00
64) Phenanthrene-d10	17.222	188	1786079	20.000	ng	0.00
76) Chrysene-d12	21.339	240	2101128	20.000	ng	0.01
86) Perylene-d12	23.762	264	2104221	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	329076	14.701	ng	0.01
7) Phenol-d6	7.010	99	439152	15.438	ng	0.02
23) Nitrobenzene-d5	8.969	82	281698	11.819	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	264202	25.824	ng	0.00
45) 2-Fluorobiphenyl	13.075	172	732785	11.894	ng	-0.01
79) Terphenyl-d14	19.798	244	1419065	12.745	ng	0.00
Target Compounds						Qvalue
78) Pyrene	19.598	202	900466	6.347	ng	# 91
81) Benzo(a)anthracene	21.321	228	842877	5.919	ng	# 70
83) Chrysene	21.374	228	1557915	11.267	ng	# 81
88) Benzo(b)fluoranthene	23.027	252	498562m	3.509	ng	
90) Benzo(a)pyrene	23.657	252	746360	5.539	ng	# 78
92) Benzo(g,h,i)perylene	27.051	276	506063	3.695	ng	# 92

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

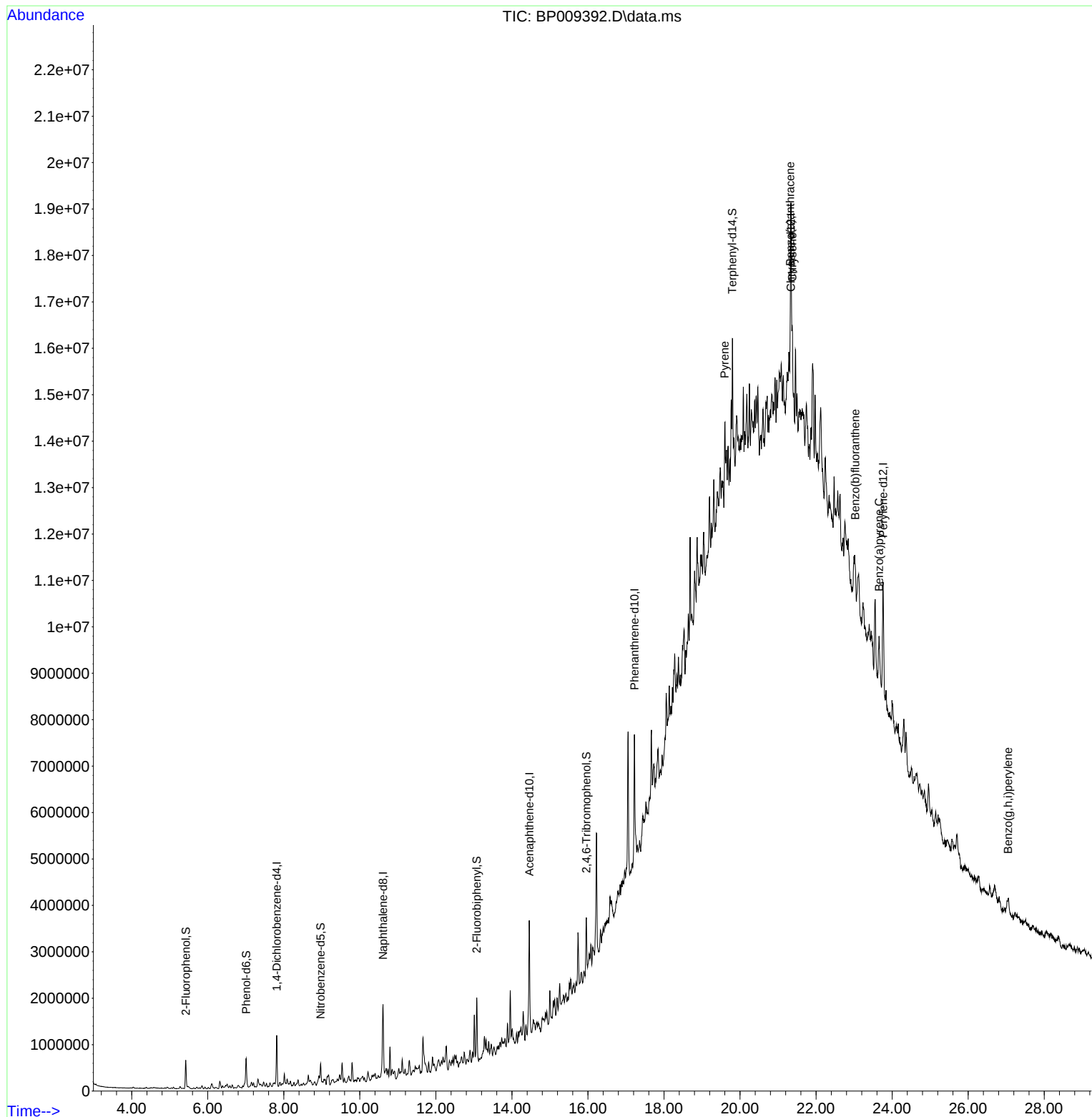
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031422\
Data File : BP009392.D
Acq On : 14 Mar 2022 20:48
Operator : CG/JU
Sample : N1905-11 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

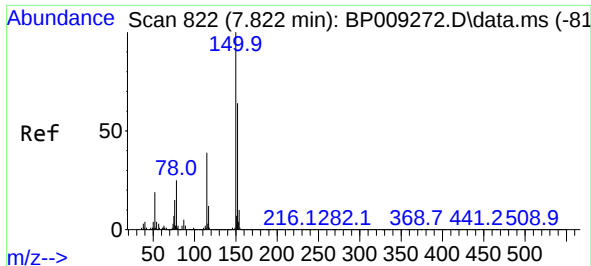
Instrument :
BNA_P
ClientSampleId :
WC-14A-1C

Quant Time: Mar 15 01:01:41 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
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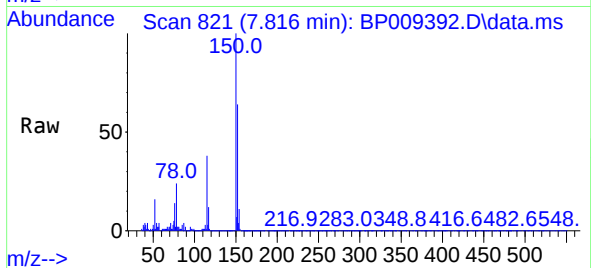
Reviewed By :Christian Giraldo 03/15/2022
Supervised By :mohammad ahmed 03/16/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.816 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP009392.D
Acq: 14 Mar 2022 20:48

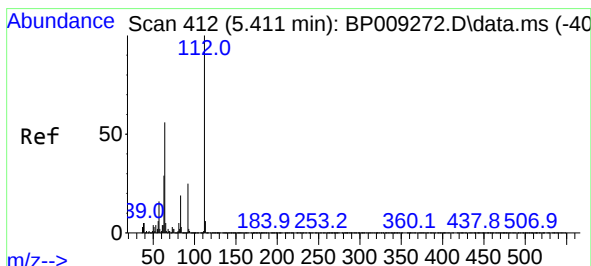
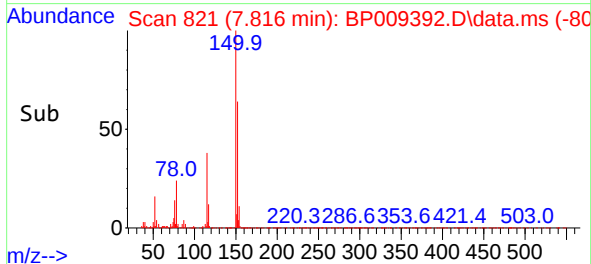
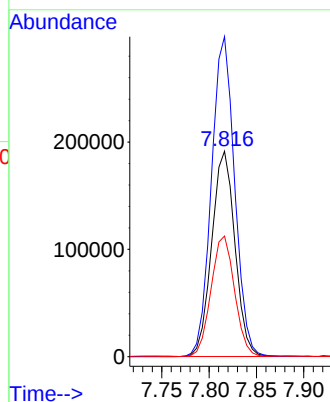
Instrument :
BNA_P
ClientSampleId :
WC-14A-1C



Tgt Ion:152 Resp: 326749
Ion Ratio Lower Upper
152 100
150 155.7 124.5 186.7
115 58.7 48.2 72.4

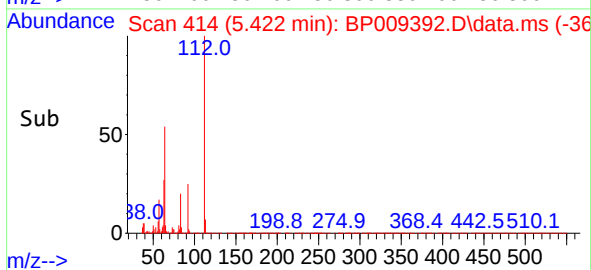
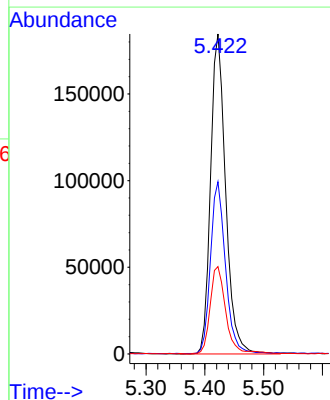
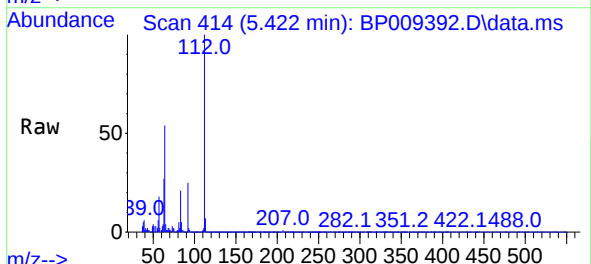
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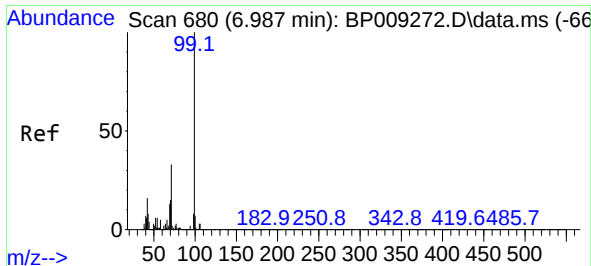
Reviewed By :Christian Giraldo 03/15/2022
Supervised By :mohammad ahmed 03/16/2022



#5
2-Fluorophenol
Concen: 14.701 ng
RT: 5.422 min Scan# 414
Delta R.T. 0.011 min
Lab File: BP009392.D
Acq: 14 Mar 2022 20:48

Tgt Ion:112 Resp: 329076
Ion Ratio Lower Upper
112 100
64 53.8 45.0 67.4
63 27.3 23.0 34.6





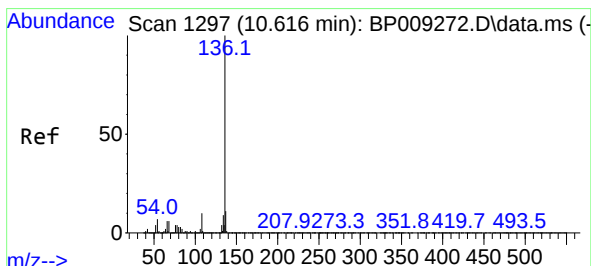
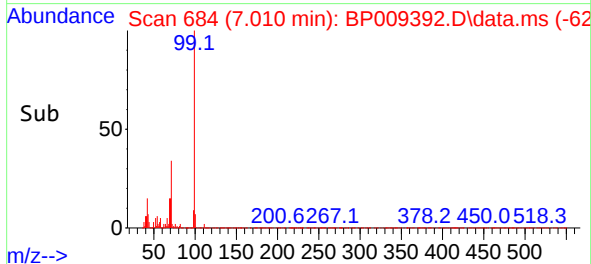
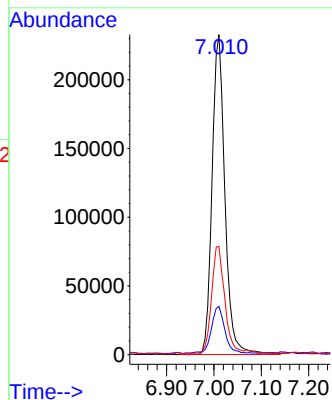
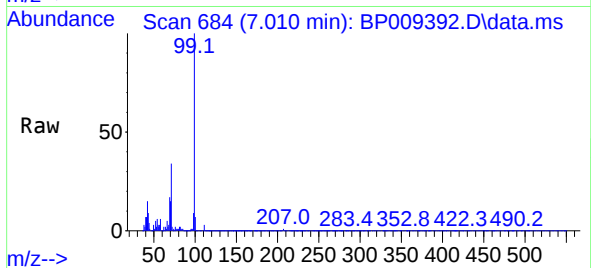
#7
Phenol-d6
Concen: 15.438 ng
RT: 7.010 min Scan# 61
Delta R.T. 0.023 min
Lab File: BP009392.D
Acq: 14 Mar 2022 20:48

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

Tgt Ion: 99 Resp: 43915
Ion Ratio Lower Upper
99 100
42 15.1 12.8 19.2
71 33.9 26.3 39.5

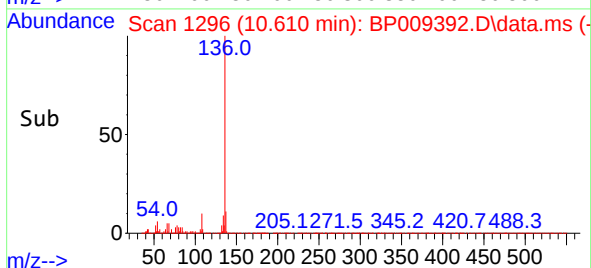
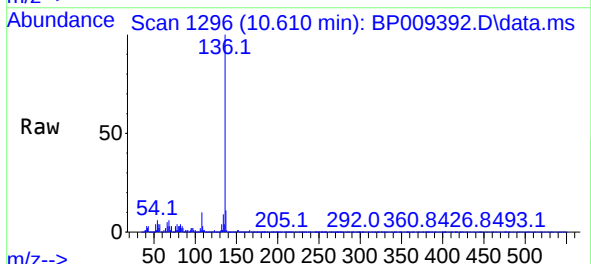
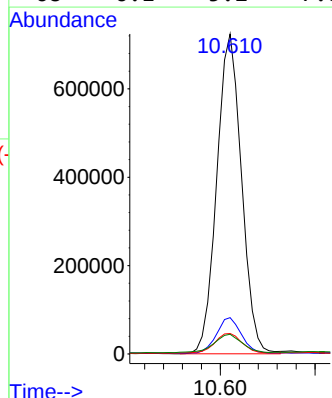
Manual Integrations
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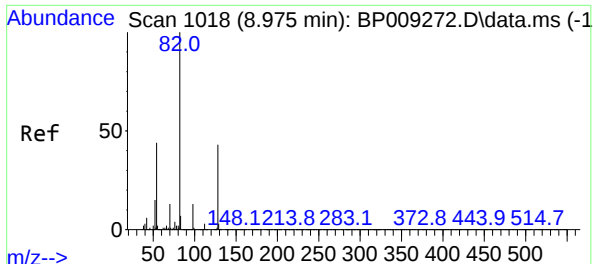
Reviewed By :Christian Giraldo 03/15/2022
Supervised By :mohammad ahmed 03/16/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.610 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BP009392.D
Acq: 14 Mar 2022 20:48

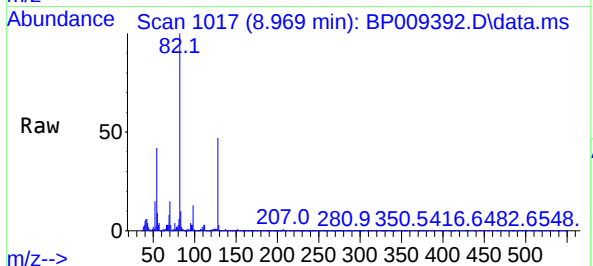
Tgt Ion:136 Resp: 1312764
Ion Ratio Lower Upper
136 100
137 11.4 8.6 12.8
54 6.4 5.8 8.8
68 6.1 5.2 7.8





#23
Nitrobenzene-d5
Concen: 11.819 ng
RT: 8.969 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BP009392.D
Acq: 14 Mar 2022 20:48

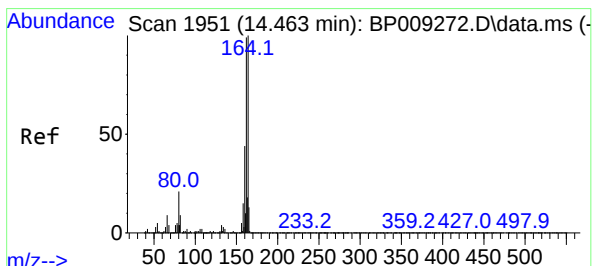
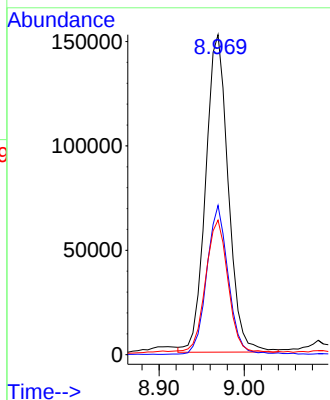
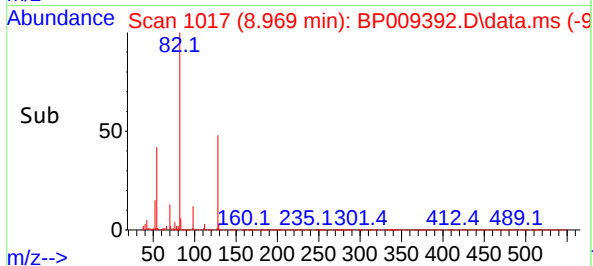
Instrument :
BNA_P
ClientSampleId :
WC-14A-1C



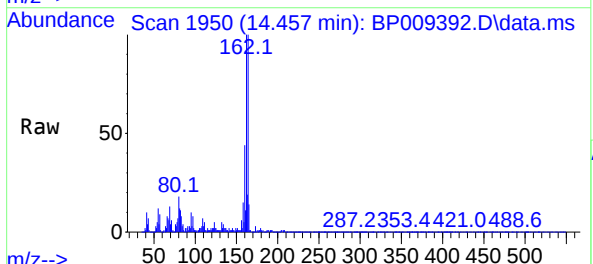
Tgt Ion: 82 Resp: 281698
Ion Ratio Lower Upper
82 100
128 46.7 34.2 51.4
54 42.1 34.7 52.1

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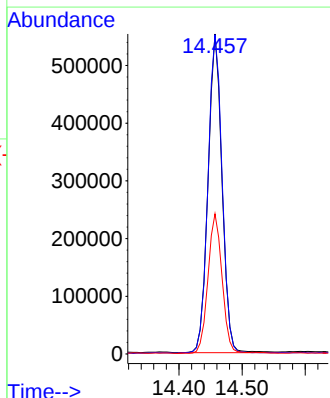
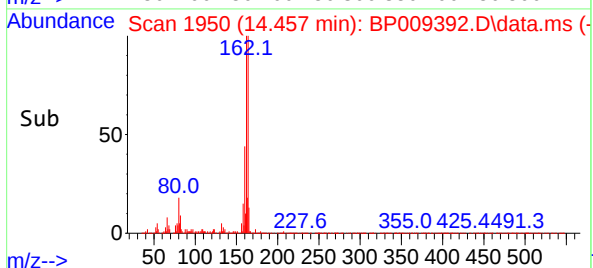
Reviewed By :Christian Giraldo 03/15/2022
Supervised By :mohammad ahmed 03/16/2022

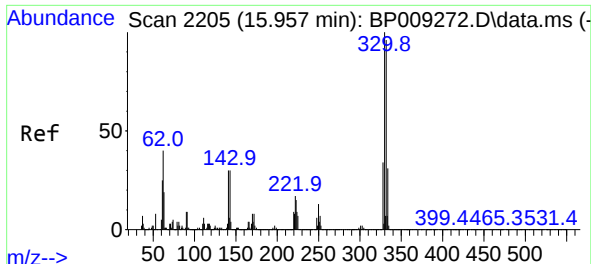


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BP009392.D
Acq: 14 Mar 2022 20:48



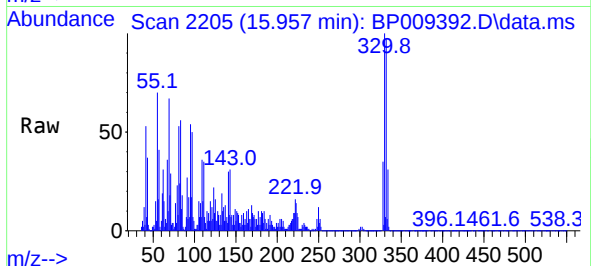
Tgt Ion:164 Resp: 847279
Ion Ratio Lower Upper
164 100
162 99.8 79.1 118.7
160 43.8 34.9 52.3





#42
2,4,6-Tribromophenol
Concen: 25.824 ng
RT: 15.957 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP009392.D
Acq: 14 Mar 2022 20:48

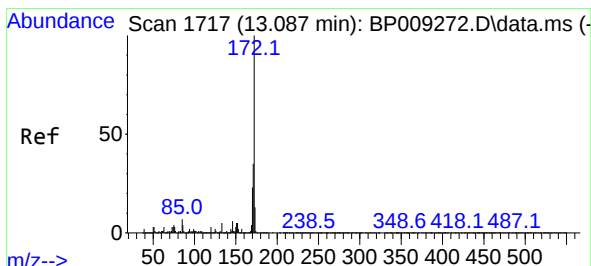
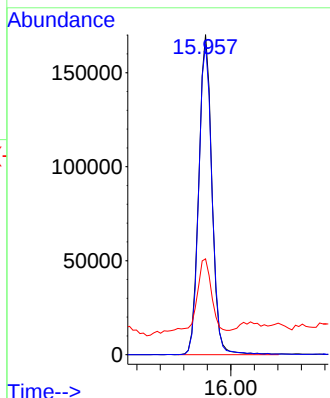
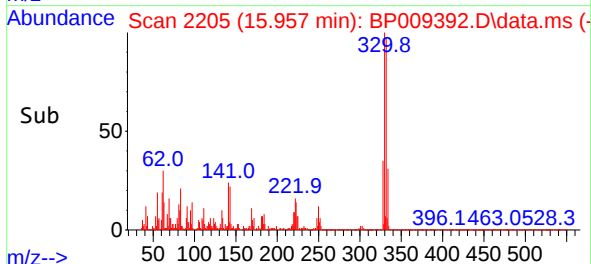
Instrument :
BNA_P
ClientSampleId :
WC-14A-1C



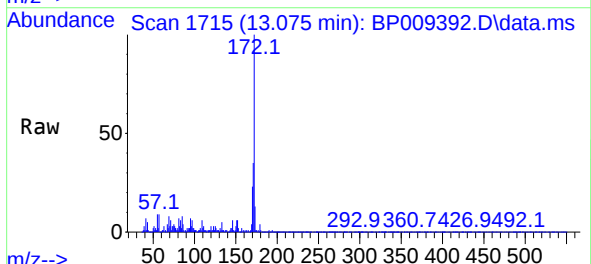
Tgt Ion:330 Resp: 26420
Ion Ratio Lower Upper
330 100
332 97.8 77.0 115.6
141 31.6 27.6 41.4

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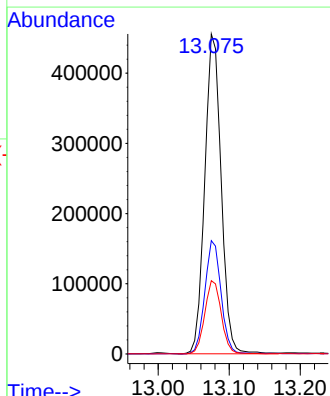
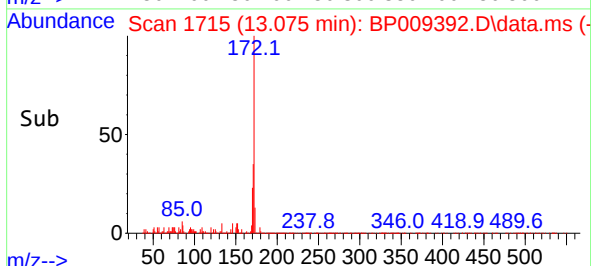
Reviewed By :Christian Giraldo 03/15/2022
Supervised By :mohammad ahmed 03/16/2022

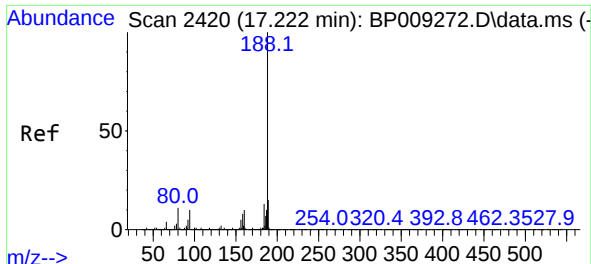


#45
2-Fluorobiphenyl
Concen: 11.894 ng
RT: 13.075 min Scan# 1715
Delta R.T. -0.012 min
Lab File: BP009392.D
Acq: 14 Mar 2022 20:48



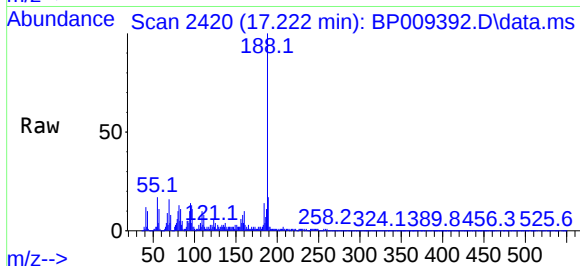
Tgt Ion:172 Resp: 732785
Ion Ratio Lower Upper
172 100
171 35.4 28.0 42.0
170 22.9 18.6 27.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.222 min Scan# 2420
Delta R.T. -0.000 min
Lab File: BP009392.D
Acq: 14 Mar 2022 20:48

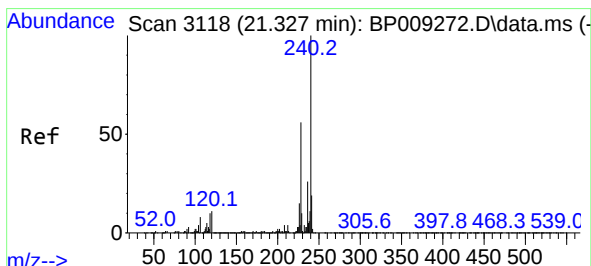
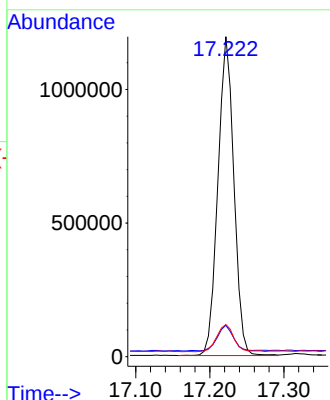
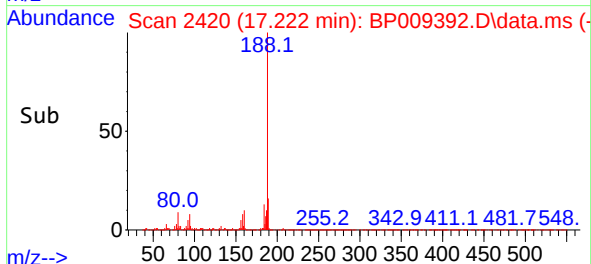
Instrument :
BNA_P
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WC-14A-1C



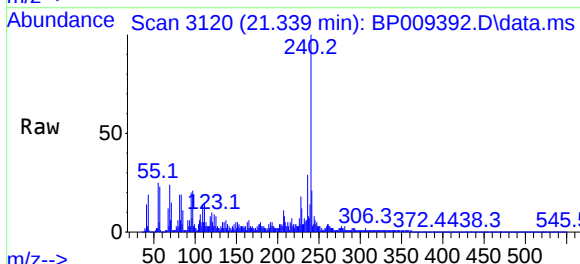
Tgt Ion:188 Resp: 1786079
Ion Ratio Lower Upper
188 100
94 9.8 7.9 11.9
80 10.1 8.8 13.2

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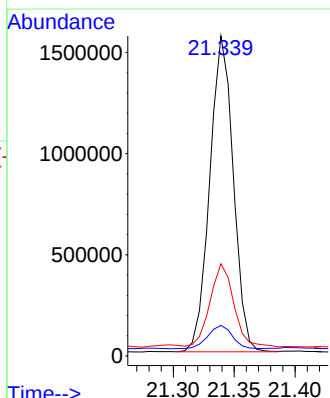
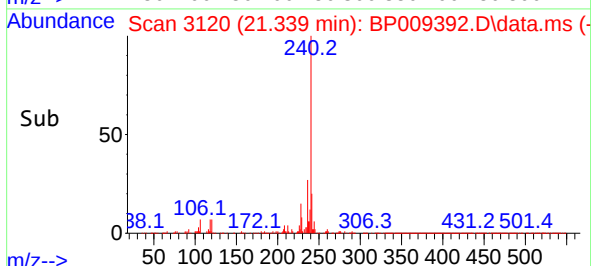
Reviewed By :Christian Giraldo 03/15/2022
Supervised By :mohammad ahmed 03/16/2022

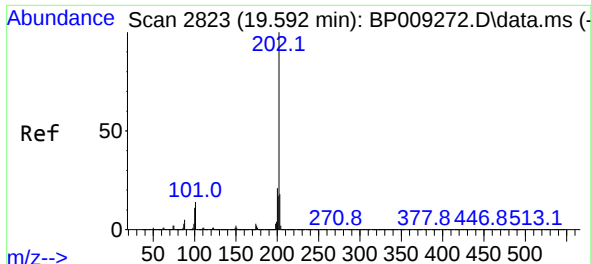


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.339 min Scan# 3120
Delta R.T. 0.012 min
Lab File: BP009392.D
Acq: 14 Mar 2022 20:48



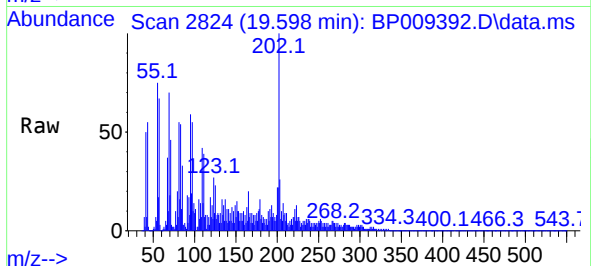
Tgt Ion:240 Resp: 2101128
Ion Ratio Lower Upper
240 100
120 9.6 9.0 13.4
236 28.8 20.6 30.8





#78
Pyrene
Concen: 6.347 ng
RT: 19.598 min Scan# 2823
Delta R.T. 0.006 min
Lab File: BP009392.D
Acq: 14 Mar 2022 20:48

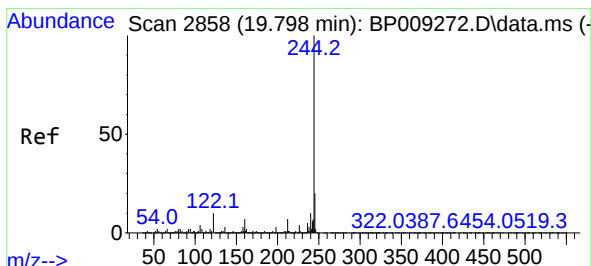
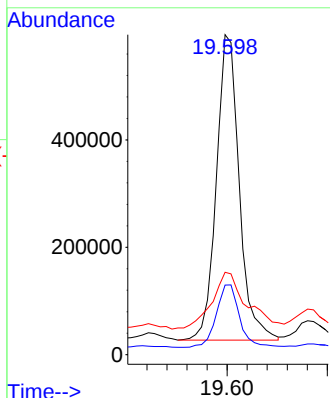
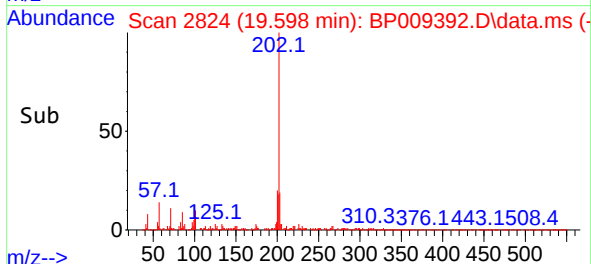
Instrument :
BNA_P
ClientSampleId :
WC-14A-1C



Tgt Ion:202 Resp: 900460
Ion Ratio Lower Upper
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200 21.7 16.8 25.2
203 25.8 14.2 21.4

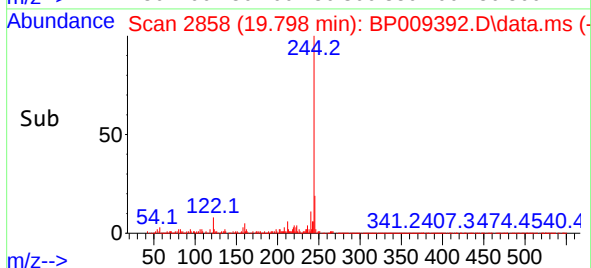
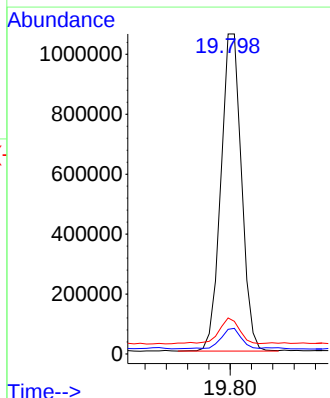
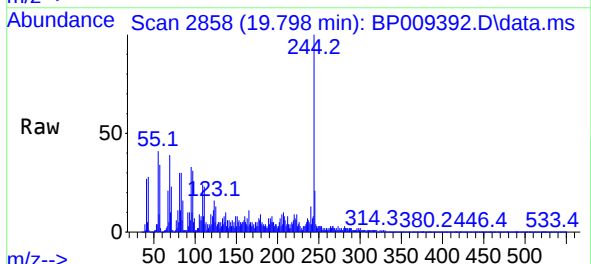
Manual Integrations
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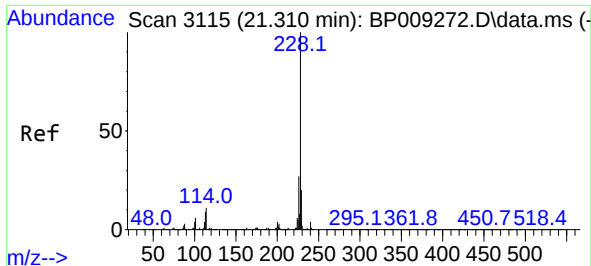
Reviewed By :Christian Giraldo 03/15/2022
Supervised By :mohammad ahmed 03/16/2022



#79
Terphenyl-d14
Concen: 12.745 ng
RT: 19.798 min Scan# 2858
Delta R.T. -0.000 min
Lab File: BP009392.D
Acq: 14 Mar 2022 20:48

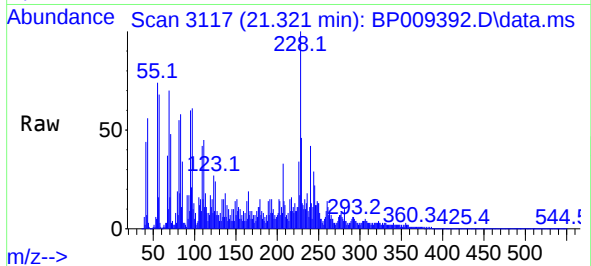
Tgt Ion:244 Resp: 1419065
Ion Ratio Lower Upper
244 100
212 7.7 5.8 8.6
122 11.2 8.3 12.5





#81
Benzo(a)anthracene
Concen: 5.919 ng
RT: 21.321 min Scan# 3117
Delta R.T. 0.012 min
Lab File: BP009392.D
Acq: 14 Mar 2022 20:48

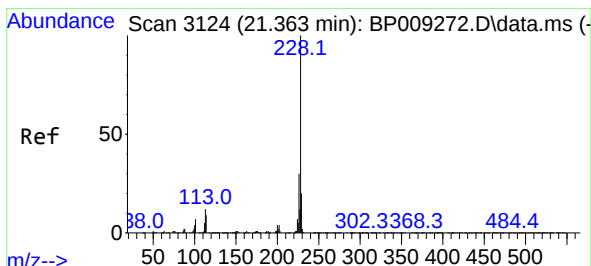
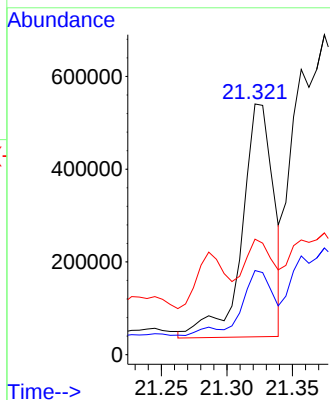
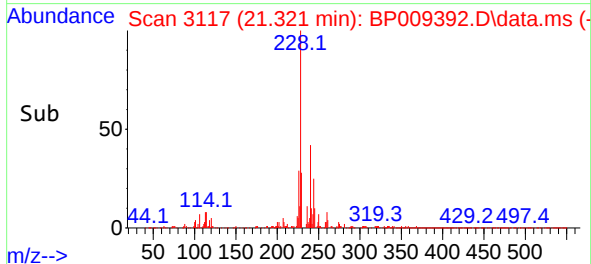
Instrument :
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ClientSampleId :
WC-14A-1C



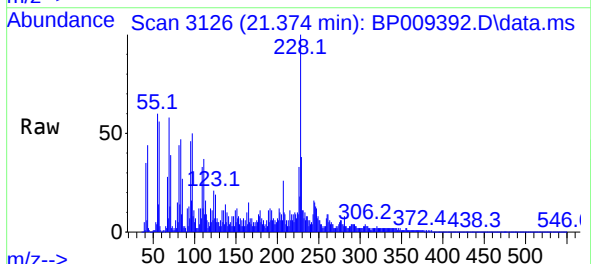
Tgt Ion:228 Resp: 84287
Ion Ratio Lower Upper
228 100
226 33.6 22.0 33.0
229 46.0 16.1 24.1

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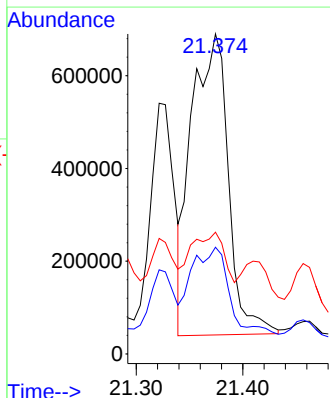
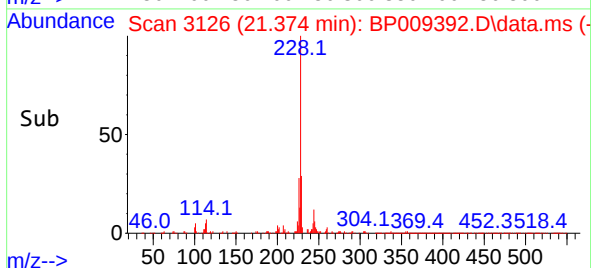
Reviewed By :Christian Giraldo 03/15/2022
Supervised By :mohammad ahmed 03/16/2022

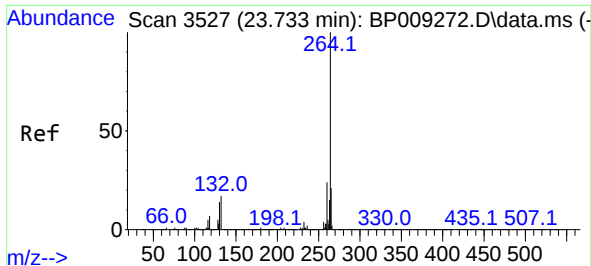


#83
Chrysene
Concen: 11.267 ng
RT: 21.374 min Scan# 3126
Delta R.T. 0.012 min
Lab File: BP009392.D
Acq: 14 Mar 2022 20:48



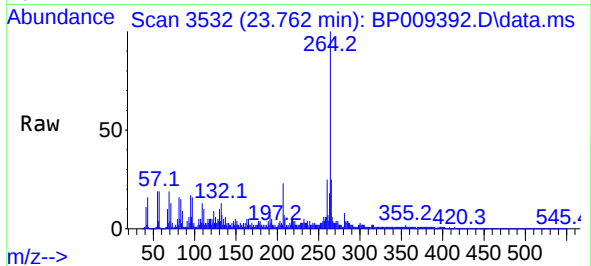
Tgt Ion:228 Resp: 1557915
Ion Ratio Lower Upper
228 100
226 33.3 24.2 36.2
229 38.1 16.1 24.1





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.762 min Scan# 31
 Delta R.T. 0.029 min
 Lab File: BP009392.D
 Acq: 14 Mar 2022 20:48

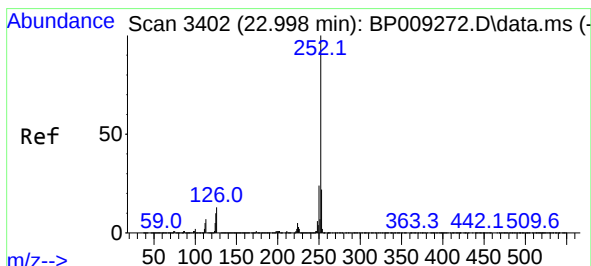
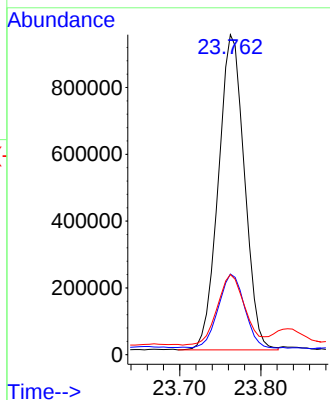
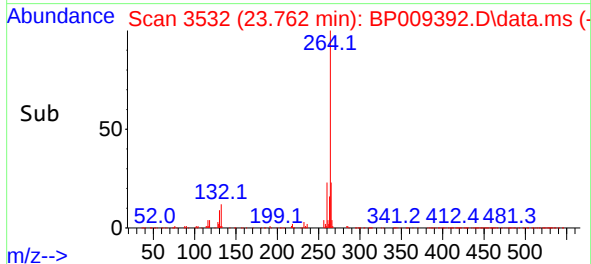
Instrument :
 BNA_P
 ClientSampleId :
 WC-14A-1C



Tgt Ion:264 Resp: 210422
 Ion Ratio Lower Upper
 264 100
 260 25.2 19.4 29.0
 265 25.0 17.2 25.8

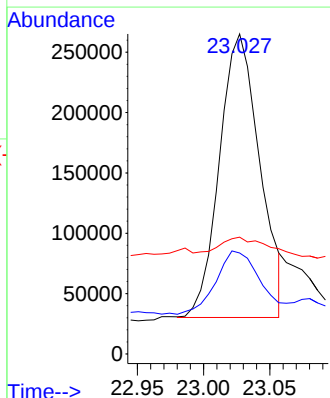
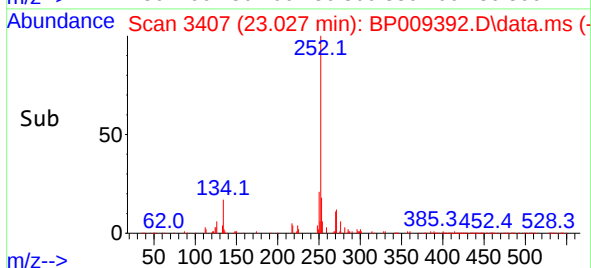
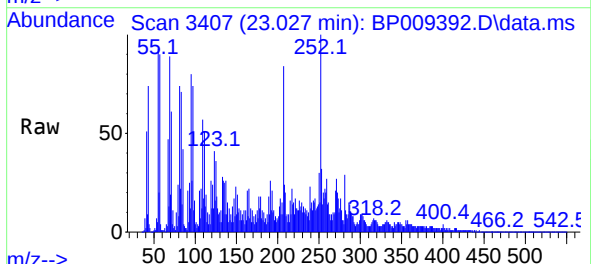
Manual Integrations
 APPROVED

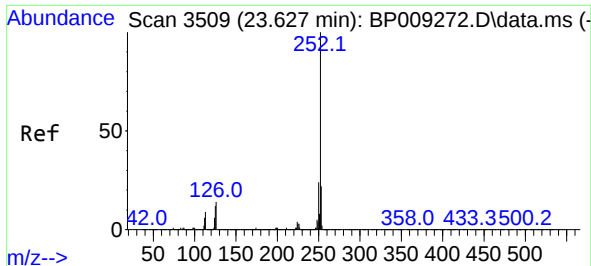
Reviewed By :Christian Giraldo 03/15/2022
 Supervised By :mohammad ahmed 03/16/2022



#88
 Benzo(b)fluoranthene
 Concen: 3.509 ng m
 RT: 23.027 min Scan# 3407
 Delta R.T. 0.029 min
 Lab File: BP009392.D
 Acq: 14 Mar 2022 20:48

Tgt Ion:252 Resp: 498562
 Ion Ratio Lower Upper
 252 100
 253 31.5 17.8 26.8#
 125 36.5 8.1 12.1#





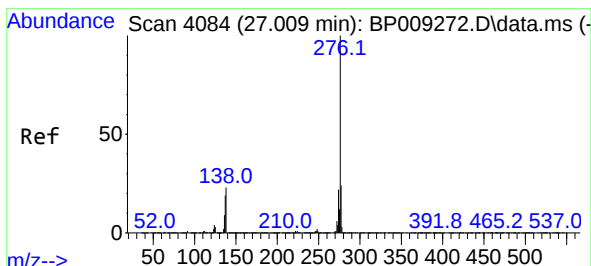
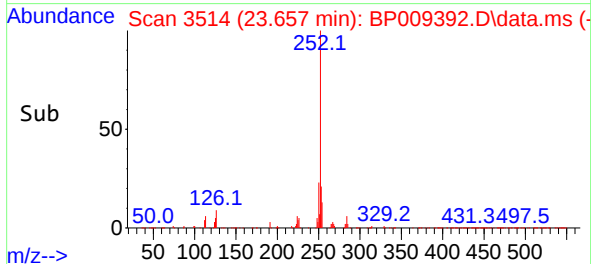
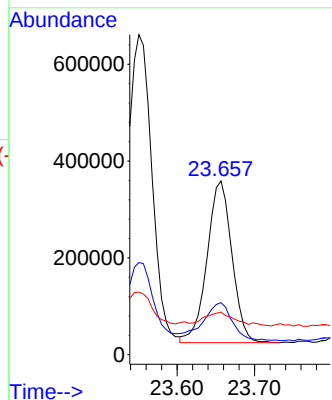
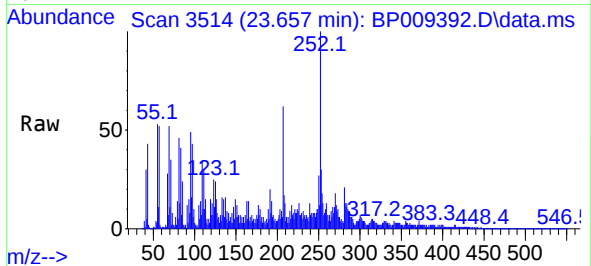
#90
Benzo(a)pyrene
Concen: 5.539 ng
RT: 23.657 min Scan# 31
Delta R.T. 0.029 min
Lab File: BP009392.D
Acq: 14 Mar 2022 20:48

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

Tgt Ion:252 Resp: 746360
Ion Ratio Lower Upper
252 100
253 29.9 17.8 26.6
125 24.5 9.3 13.9

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 3.695 ng
RT: 27.051 min Scan# 4091
Delta R.T. 0.041 min
Lab File: BP009392.D
Acq: 14 Mar 2022 20:48

Tgt Ion:276 Resp: 506063
Ion Ratio Lower Upper
276 100
277 29.6 19.2 28.8
138 20.3 18.0 27.0

