

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040122\
 Data File : BP009668.D
 Acq On : 01 Apr 2022 20:53
 Operator : CG/JU
 Sample : N2219-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-3

Quant Time: Apr 01 22:45:57 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 31 04:36:51 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 04/04/2022
 Supervised By :Jagrut Upadhyay 04/04/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	244675	20.000	ng	-0.01
21) Naphthalene-d8	10.516	136	969403	20.000	ng	-0.02
39) Acenaphthene-d10	14.375	164	602509	20.000	ng	-0.02
64) Phenanthrene-d10	17.145	188	1258065	20.000	ng	-0.01
76) Chrysene-d12	21.263	240	1275774	20.000	ng	-0.01
86) Perylene-d12	23.639	264	1367203	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	1553311	110.840	ng	-0.01
7) Phenol-d6	6.922	99	1968068	103.845	ng	-0.01
23) Nitrobenzene-d5	8.887	82	1261783	69.168	ng	-0.01
42) 2,4,6-Tribromophenol	15.881	330	845334	85.023	ng	-0.01
45) 2-Fluorobiphenyl	12.999	172	2905927	66.861	ng	-0.01
79) Terphenyl-d14	19.728	244	4635728	65.220	ng	-0.01
Target Compounds						Qvalue
37) 2-Methylnaphthalene	12.193	142	75492	2.155	ng	95
71) Phenanthrene	17.187	178	170496	2.532	ng	99
75) Fluoranthene	19.169	202	251198	3.081	ng	98
78) Pyrene	19.522	202	250043	2.974	ng	97
88) Benzo(b)fluoranthene	22.916	252	217179m	2.661	ng	
90) Benzo(a)pyrene	23.533	252	164400	2.354	ng	# 86
92) Benzo(g,h,i)perylene	26.868	276	216152	2.542	ng	# 90

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

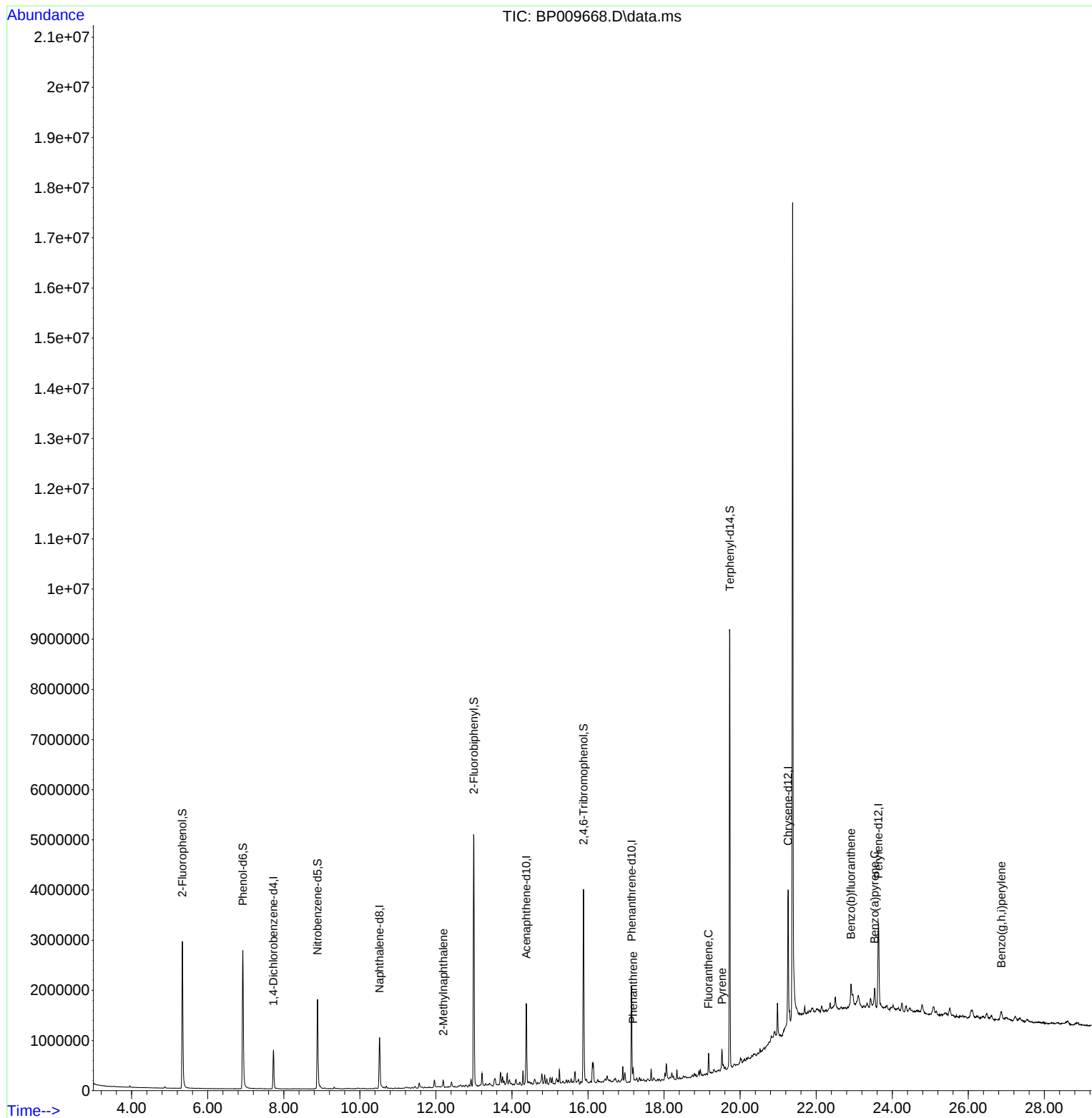
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040122\
Data File : BP009668.D
Acq On : 01 Apr 2022 20:53
Operator : CG/JU
Sample : N2219-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

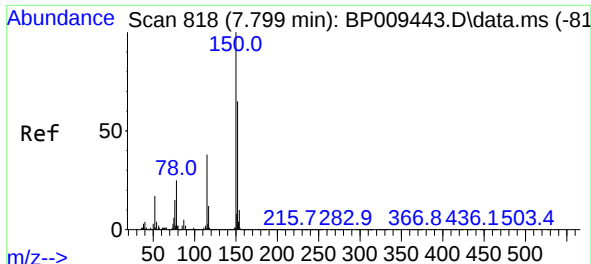
Instrument :
BNA_P
ClientSampleId :
TP-3

Quant Time: Apr 01 22:45:57 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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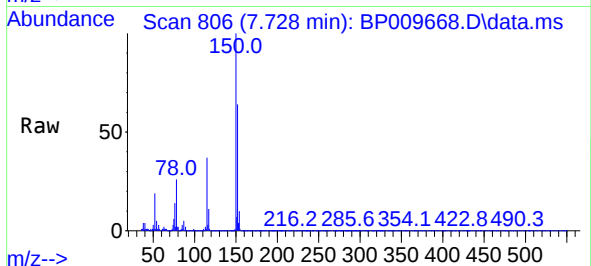
Reviewed By : Christian Giraldo 04/04/2022
Supervised By : Jagrut Upadhyay 04/04/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.728 min Scan# 80
Delta R.T. -0.012 min
Lab File: BP009668.D
Acq: 01 Apr 2022 20:53

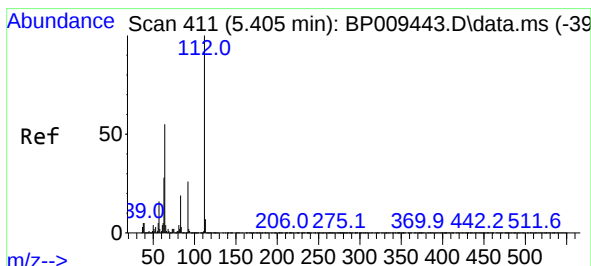
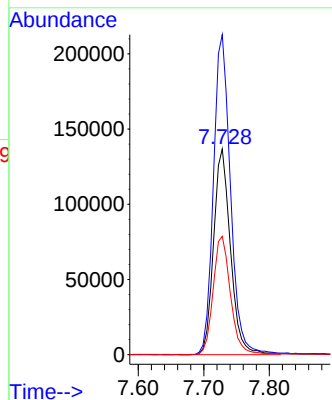
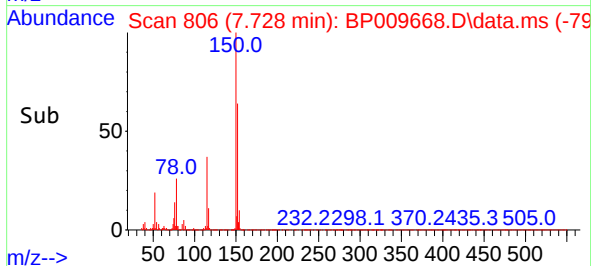
Instrument :
BNA_P
ClientSampleId :
TP-3



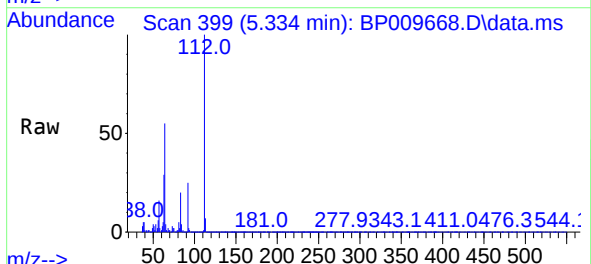
Tgt Ion:152 Resp: 244679
Ion Ratio Lower Upper
152 100
150 155.5 124.5 186.7
115 57.5 48.2 72.4

Manual Integrations
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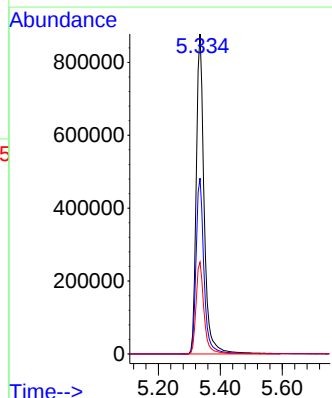
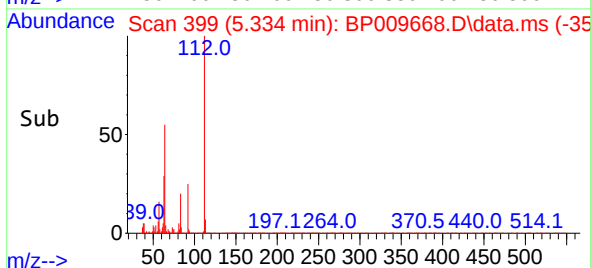
Reviewed By :Christian Giraldo 04/04/2022
Supervised By :Jagrut Upadhyay 04/04/2022



#5
2-Fluorophenol
Concen: 110.840 ng
RT: 5.334 min Scan# 399
Delta R.T. -0.012 min
Lab File: BP009668.D
Acq: 01 Apr 2022 20:53



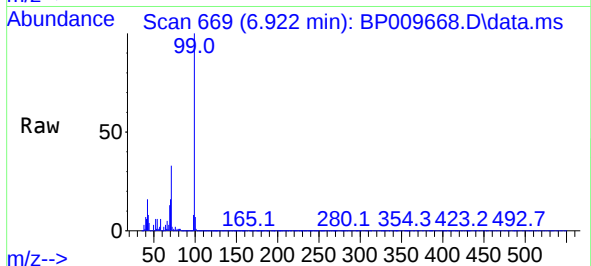
Tgt Ion:112 Resp: 1553311
Ion Ratio Lower Upper
112 100
64 54.9 45.0 67.4
63 28.7 23.0 34.6





#7
Phenol-d6
Concen: 103.845 ng
RT: 6.922 min Scan# 60
Delta R.T. -0.012 min
Lab File: BP009668.D
Acq: 01 Apr 2022 20:53

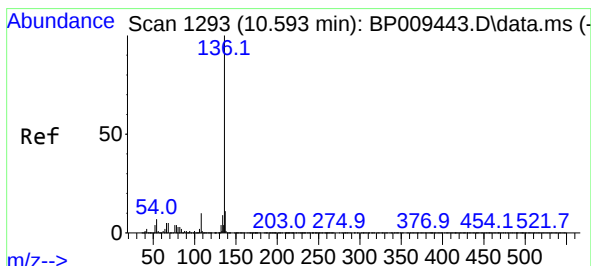
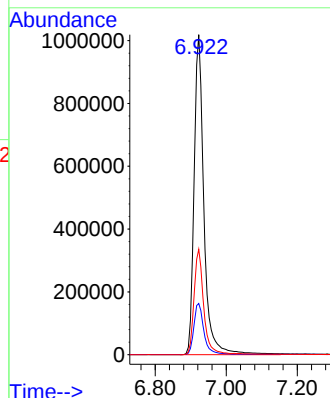
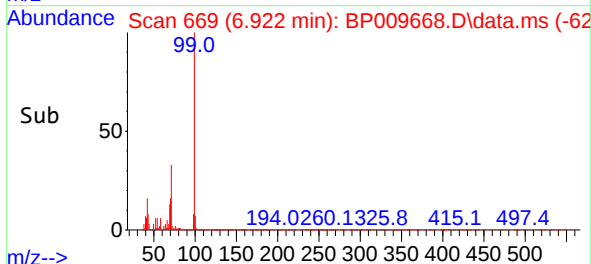
Instrument :
BNA_P
ClientSampleId :
TP-3



Tgt Ion: 99 Resp: 196806
Ion Ratio Lower Upper
99 100
42 16.0 12.8 19.2
71 32.9 26.3 39.5

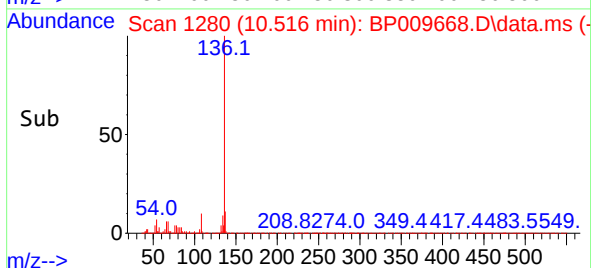
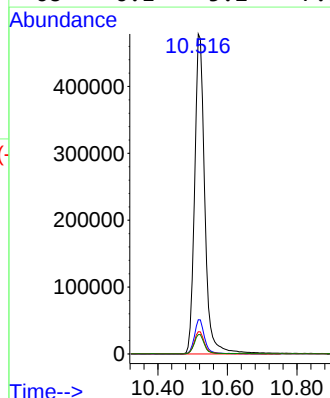
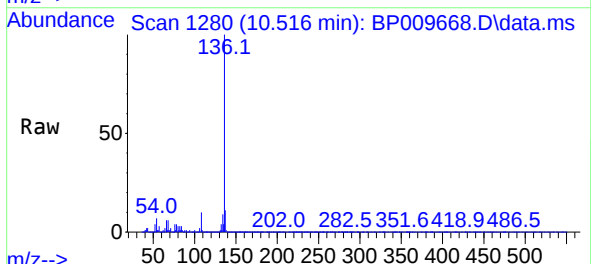
Manual Integrations
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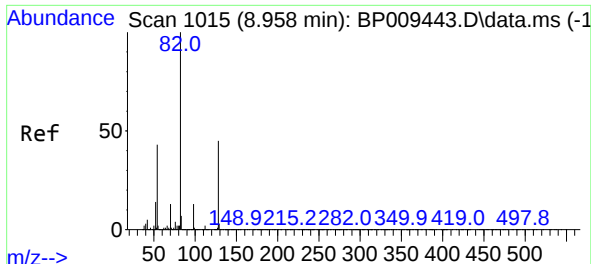
Reviewed By :Christian Giraldo 04/04/2022
Supervised By :Jagrut Upadhyay 04/04/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.516 min Scan# 1280
Delta R.T. -0.017 min
Lab File: BP009668.D
Acq: 01 Apr 2022 20:53

Tgt Ion:136 Resp: 969403
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 7.0 5.8 8.8
68 6.1 5.2 7.8





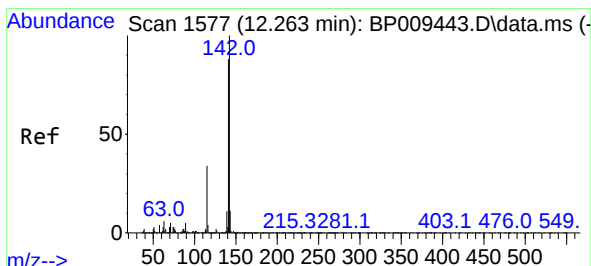
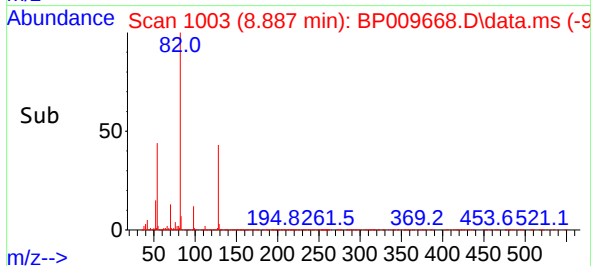
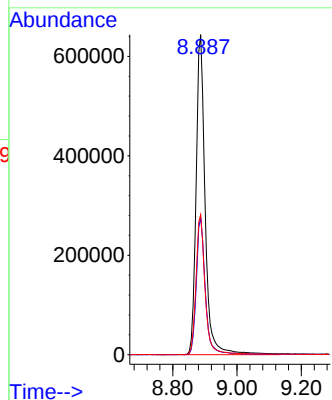
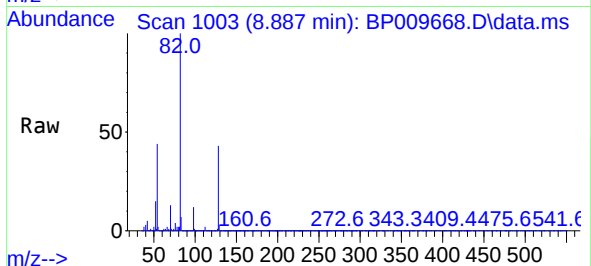
#23
Nitrobenzene-d5
Concen: 69.168 ng
RT: 8.887 min Scan# 1003
Delta R.T. -0.012 min
Lab File: BP009668.D
Acq: 01 Apr 2022 20:53

Instrument :
BNA_P
ClientSampleId :
TP-3

Tgt Ion: 82 Resp: 126178
Ion Ratio Lower Upper
82 100
128 42.9 34.2 51.4
54 43.7 34.7 52.1

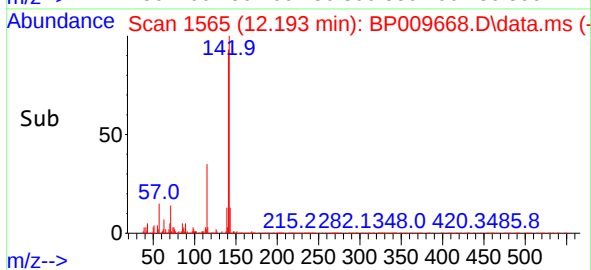
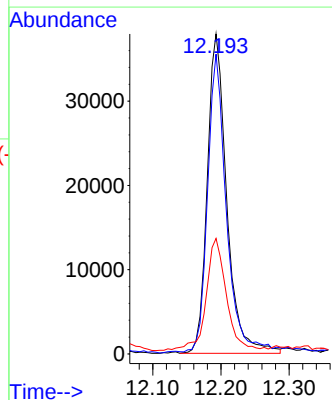
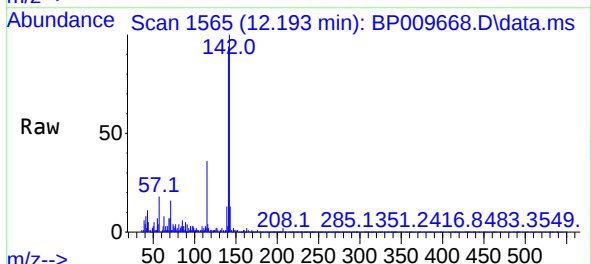
Manual Integrations
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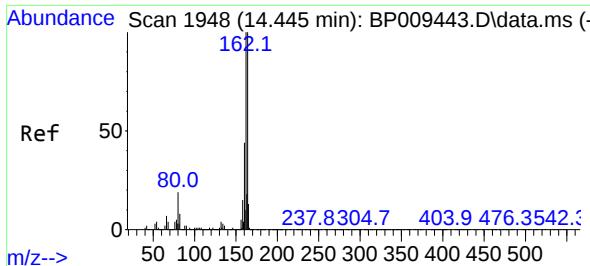
Reviewed By :Christian Giraldo 04/04/2022
Supervised By :Jagrut Upadhyay 04/04/2022



#37
2-Methylnaphthalene
Concen: 2.155 ng
RT: 12.193 min Scan# 1565
Delta R.T. -0.012 min
Lab File: BP009668.D
Acq: 01 Apr 2022 20:53

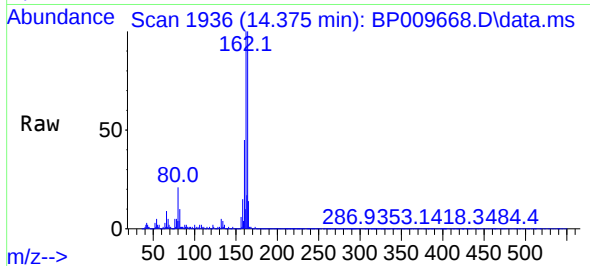
Tgt Ion:142 Resp: 75492
Ion Ratio Lower Upper
142 100
141 93.7 70.2 105.4
115 36.1 27.4 41.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.375 min Scan# 1936
Delta R.T. -0.018 min
Lab File: BP009668.D
Acq: 01 Apr 2022 20:53

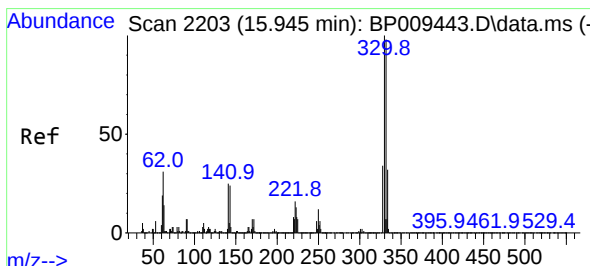
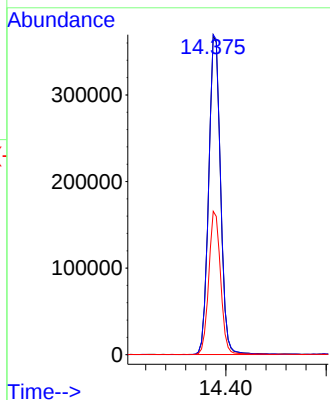
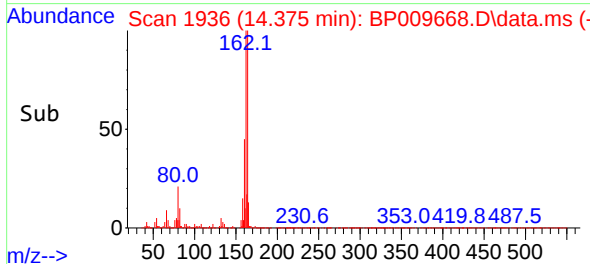
Instrument :
BNA_P
ClientSampleId :
TP-3



Tgt Ion:164 Resp: 602509
Ion Ratio Lower Upper
164 100
162 100.2 79.1 118.7
160 44.9 34.9 52.3

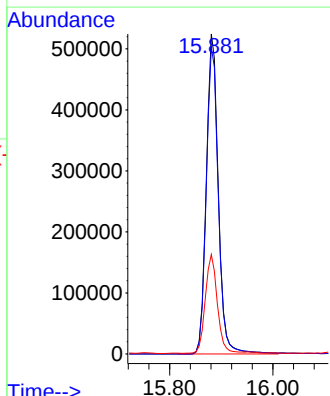
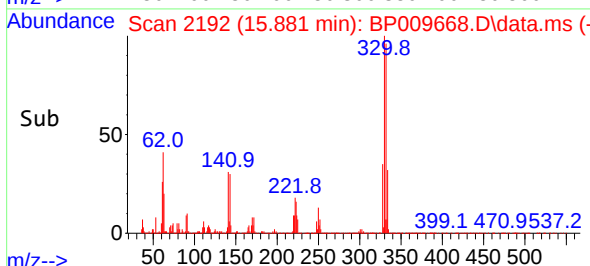
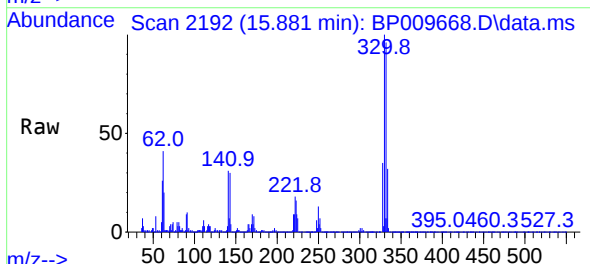
Manual Integrations
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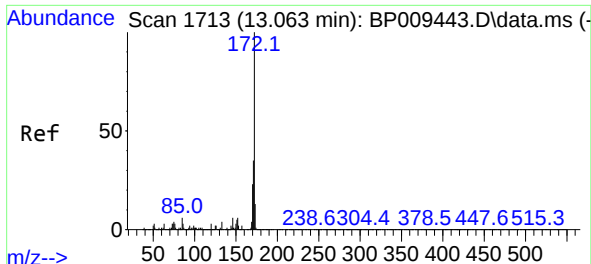
Reviewed By :Christian Giraldo 04/04/2022
Supervised By :Jagrut Upadhyay 04/04/2022



#42
2,4,6-Tribromophenol
Concen: 85.023 ng
RT: 15.881 min Scan# 2192
Delta R.T. -0.012 min
Lab File: BP009668.D
Acq: 01 Apr 2022 20:53

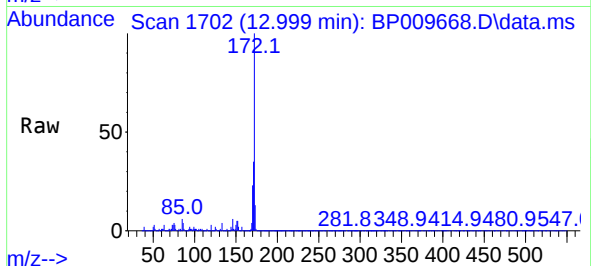
Tgt Ion:330 Resp: 845334
Ion Ratio Lower Upper
330 100
332 96.9 77.0 115.6
141 30.9 27.6 41.4





#45
2-Fluorobiphenyl
Concen: 66.861 ng
RT: 12.999 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP009668.D
Acq: 01 Apr 2022 20:53

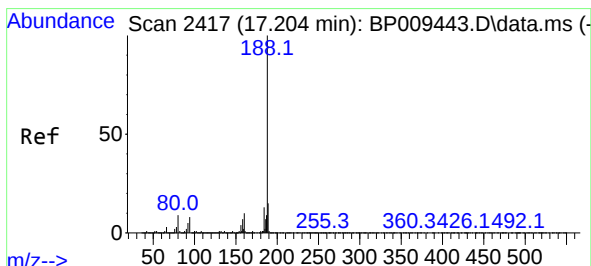
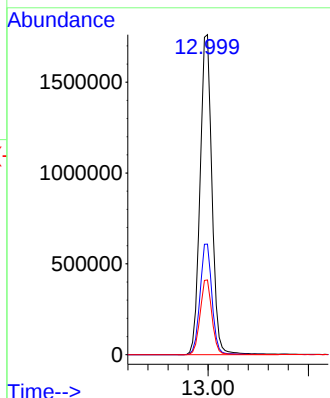
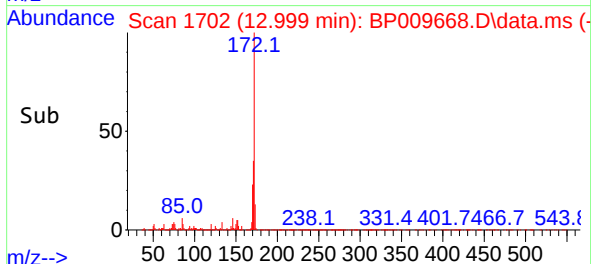
Instrument :
BNA_P
ClientSampleId :
TP-3



Tgt Ion:172 Resp: 290592
Ion Ratio Lower Upper
172 100
171 34.6 28.0 42.0
170 23.4 18.6 27.8

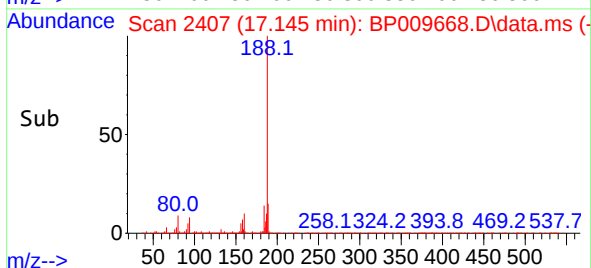
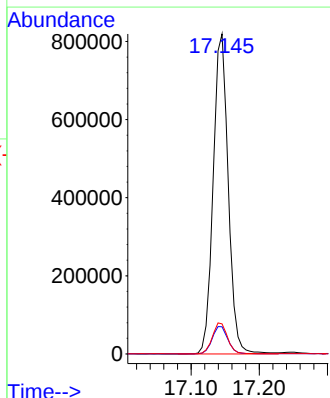
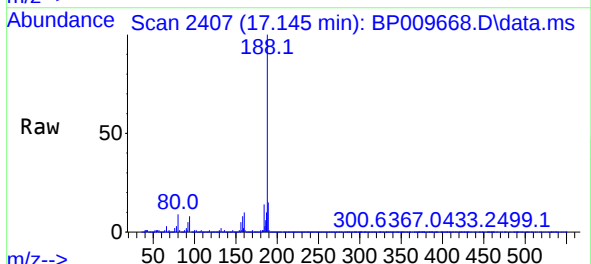
Manual Integrations
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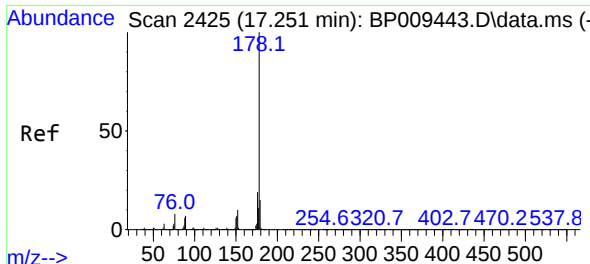
Reviewed By :Christian Giraldo 04/04/2022
Supervised By :Jagrut Upadhyay 04/04/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 2407
Delta R.T. -0.012 min
Lab File: BP009668.D
Acq: 01 Apr 2022 20:53

Tgt Ion:188 Resp: 1258065
Ion Ratio Lower Upper
188 100
94 8.5 7.9 11.9
80 9.4 8.8 13.2





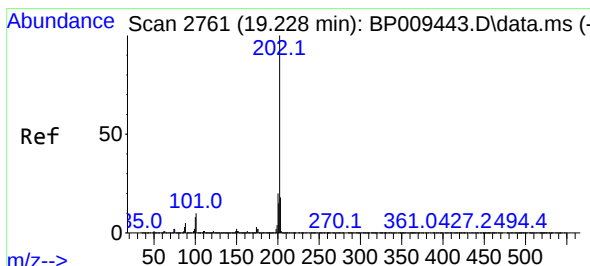
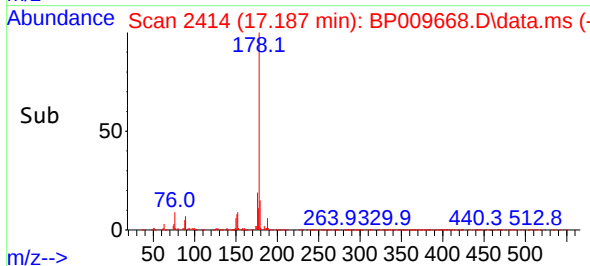
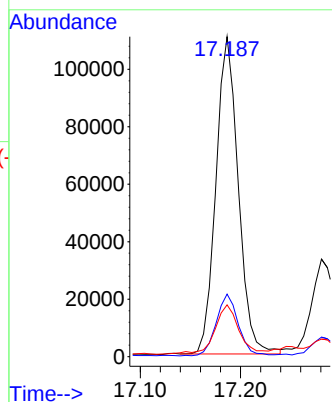
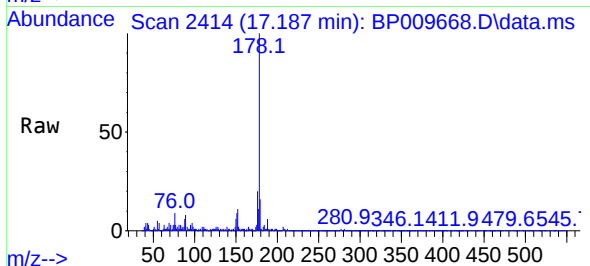
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Phenanthrene
Concen: 2.532 ng
RT: 17.187 min Scan# 2425
Delta R.T. -0.012 min
Lab File: BP009668.D
Acq: 01 Apr 2022 20:53

Instrument :
BNA_P
ClientSampleId :
TP-3

Tgt Ion:178 Resp: 170490
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.2
179 16.2 12.3 18.5

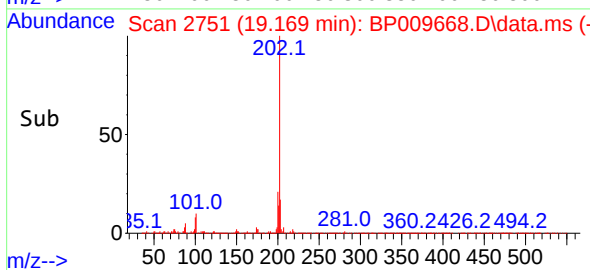
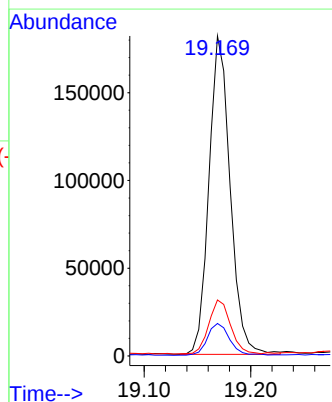
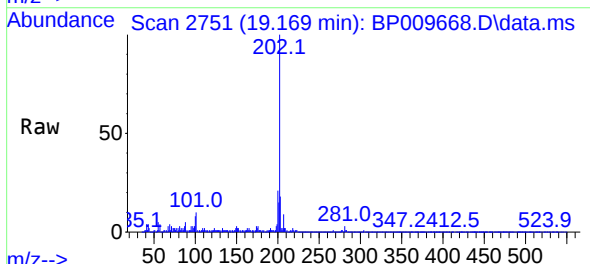
Manual Integrations
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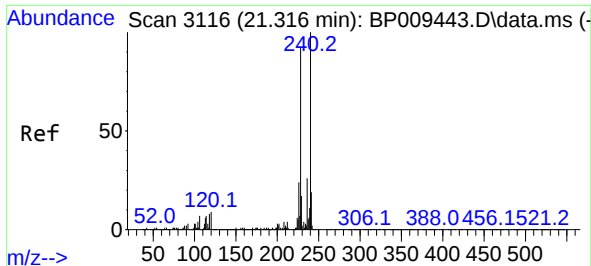
Reviewed By :Christian Giraldo 04/04/2022
Supervised By :Jagrut Upadhyay 04/04/2022



#75
Fluoranthene
Concen: 3.081 ng
RT: 19.169 min Scan# 2751
Delta R.T. -0.012 min
Lab File: BP009668.D
Acq: 01 Apr 2022 20:53

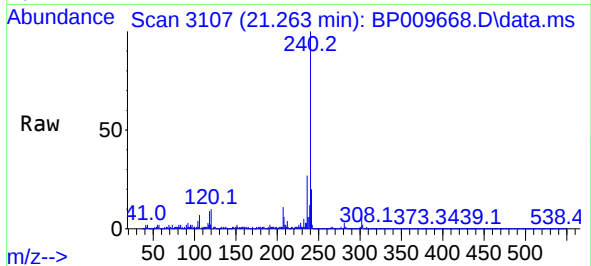
Tgt Ion:202 Resp: 251198
Ion Ratio Lower Upper
202 100
101 10.1 0.0 31.5
203 17.5 0.0 37.8





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.263 min Scan# 3116
Delta R.T. -0.012 min
Lab File: BP009668.D
Acq: 01 Apr 2022 20:53

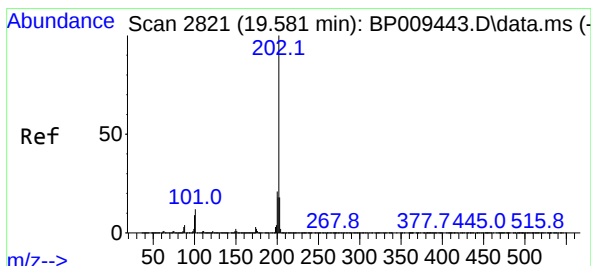
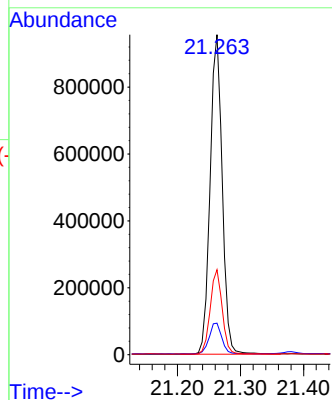
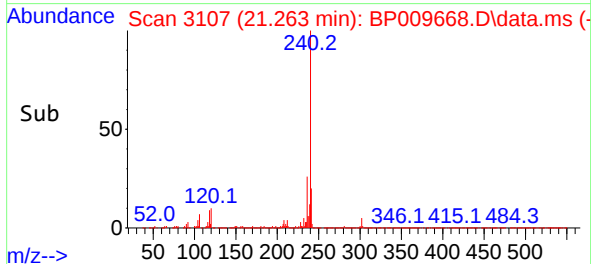
Instrument :
BNA_P
ClientSampleId :
TP-3



Tgt Ion:240 Resp: 1275774
Ion Ratio Lower Upper
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120 9.8 9.0 13.4
236 26.6 20.6 30.8

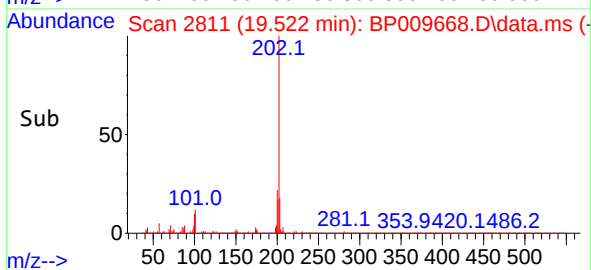
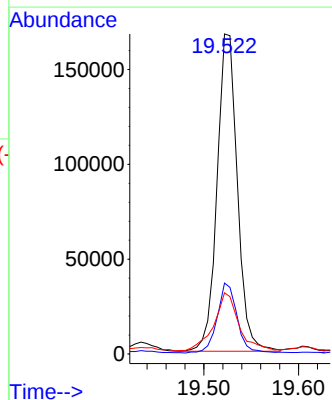
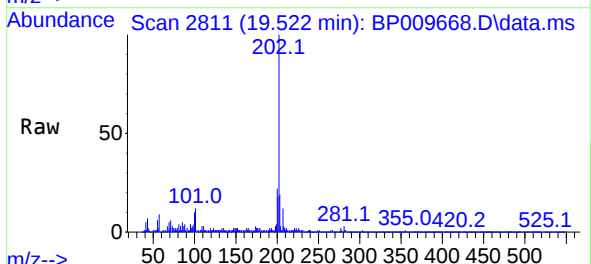
Manual Integrations
APPROVED

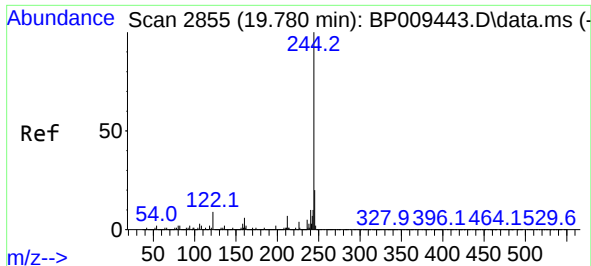
Reviewed By :Christian Giraldo 04/04/2022
Supervised By :Jagrut Upadhyay 04/04/2022



#78
Pyrene
Concen: 2.974 ng
RT: 19.522 min Scan# 2811
Delta R.T. -0.018 min
Lab File: BP009668.D
Acq: 01 Apr 2022 20:53

Tgt Ion:202 Resp: 250043
Ion Ratio Lower Upper
202 100
200 22.2 16.8 25.2
203 19.1 14.2 21.4





#79
 Terphenyl-d14
 Concen: 65.220 ng
 RT: 19.728 min Scan# 244
 Delta R.T. -0.012 min
 Lab File: BP009668.D
 Acq: 01 Apr 2022 20:53

Instrument :

BNA_P

ClientSampleId :

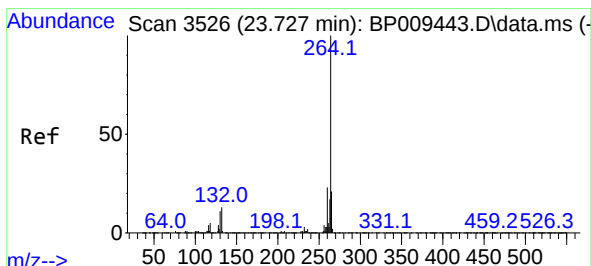
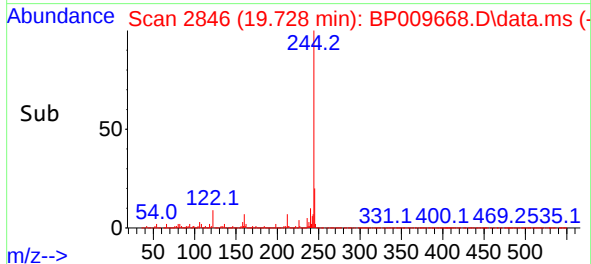
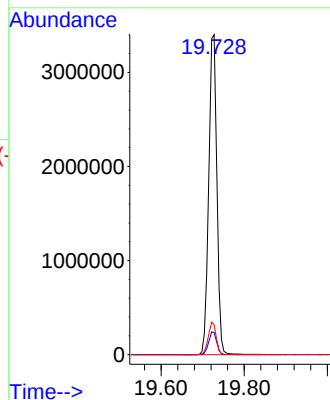
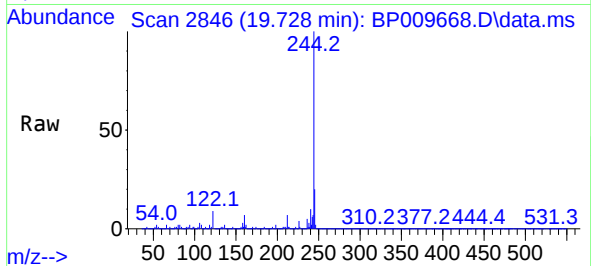
TP-3

Tgt Ion:244 Resp: 4635728
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 9.3 8.3 12.5

Manual Integrations

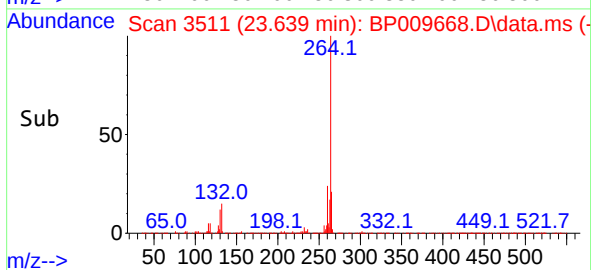
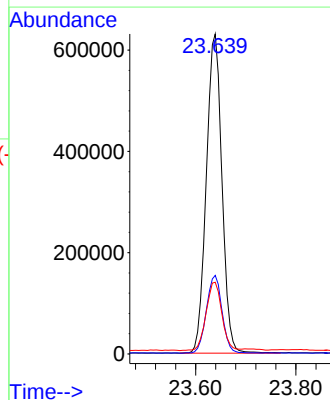
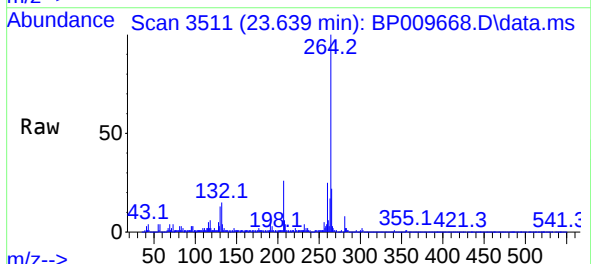
APPROVED

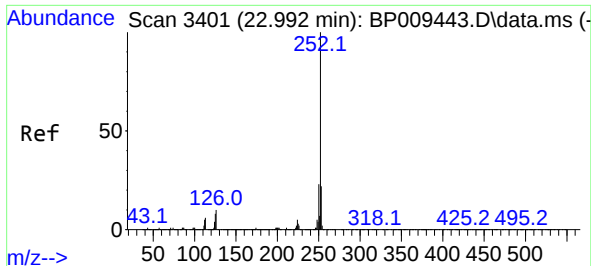
Reviewed By :Christian Giraldo 04/04/2022
 Supervised By :Jagrut Upadhyay 04/04/2022



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.639 min Scan# 3511
 Delta R.T. -0.012 min
 Lab File: BP009668.D
 Acq: 01 Apr 2022 20:53

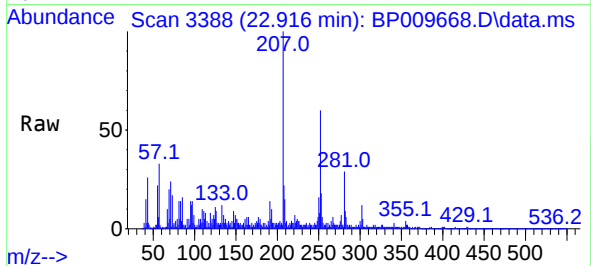
Tgt Ion:264 Resp: 1367203
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.4 29.0
 265 22.4 17.2 25.8





#88
Benzo(b)fluoranthene
Concen: 2.661 ng m
RT: 22.916 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP009668.D
Acq: 01 Apr 2022 20:53

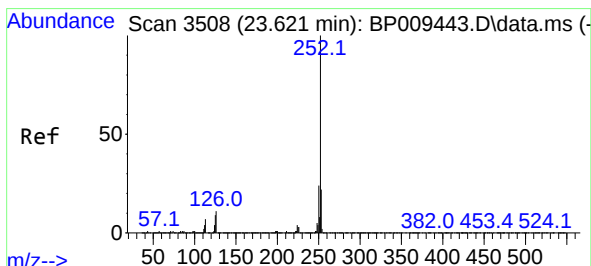
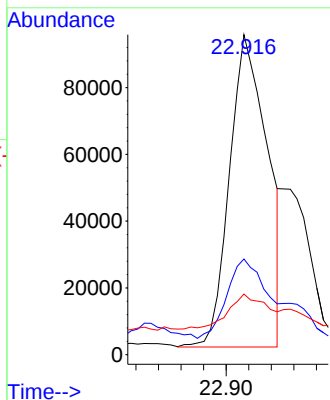
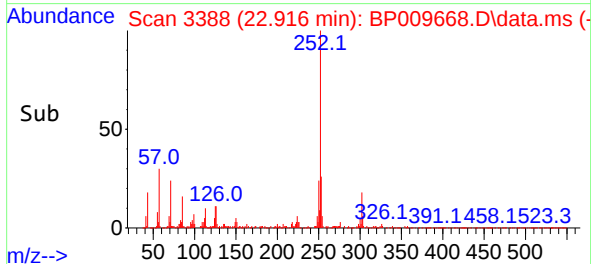
Instrument :
BNA_P
ClientSampleId :
TP-3



Tgt Ion:252 Resp: 217179
Ion Ratio Lower Upper
252 100
253 29.9 17.8 26.8#
125 19.0 8.1 12.1#

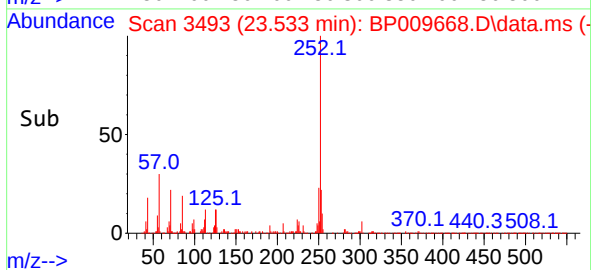
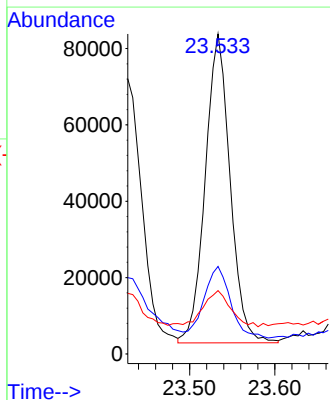
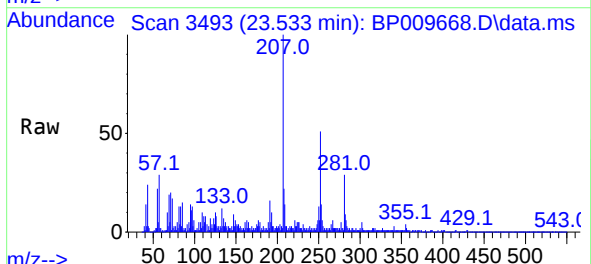
Manual Integrations
APPROVED

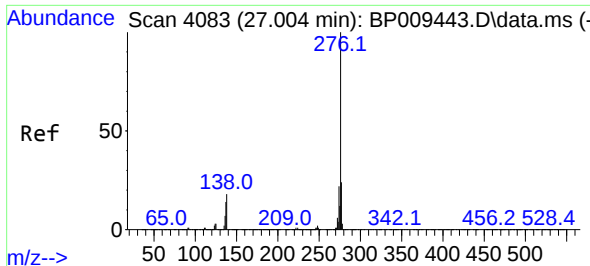
Reviewed By :Christian Giraldo 04/04/2022
Supervised By :Jagrut Upadhyay 04/04/2022



#90
Benzo(a)pyrene
Concen: 2.354 ng
RT: 23.533 min Scan# 3493
Delta R.T. -0.017 min
Lab File: BP009668.D
Acq: 01 Apr 2022 20:53

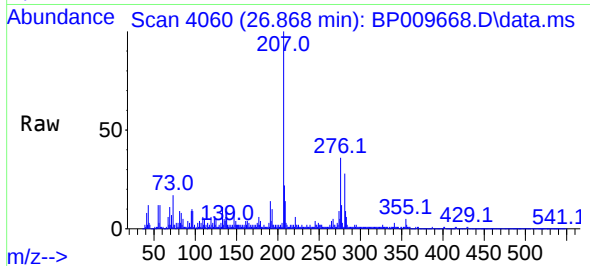
Tgt Ion:252 Resp: 164400
Ion Ratio Lower Upper
252 100
253 27.3 17.8 26.6#
125 19.8 9.3 13.9#





#92
Benzo(g,h,i)perylene
Concen: 2.542 ng
RT: 26.868 min Scan# 4060
Delta R.T. -0.029 min
Lab File: BP009668.D
Acq: 01 Apr 2022 20:53

Instrument :
BNA_P
ClientSampleId :
TP-3



Tgt Ion: 276 Resp: 21615
Ion Ratio Lower Upper
276 100
277 33.6 19.2 28.8
138 22.7 18.0 27.0

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 04/04/2022
Supervised By : Jagrut Upadhyay 04/04/2022

