

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030922\
 Data File : BP009333.D
 Acq On : 09 Mar 2022 20:24
 Operator : CG/JU
 Sample : N1851-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DUM-38

Quant Time: Mar 10 04:11:49 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
 APPROVED

Reviewed By : Christian Giraldo 03/10/2022
 Supervised By : Jagrut Upadhyay 03/10/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	390945	20.000	ng	0.00
21) Naphthalene-d8	10.610	136	1767057	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	1215080	20.000	ng	0.00
64) Phenanthrene-d10	17.216	188	2825706	20.000	ng	0.00
76) Chrysene-d12	21.322	240	3261443	20.000	ng	0.00
86) Perylene-d12	23.727	264	3302427	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.411	112	2498923	93.303	ng	0.00
7) Phenol-d6	6.987	99	3470802	101.976	ng	0.00
23) Nitrobenzene-d5	8.969	82	2136476	66.593	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	1716076	116.961	ng	0.00
45) 2-Fluorobiphenyl	13.081	172	5333770	60.367	ng	0.00
79) Terphenyl-d14	19.792	244	10117589	58.542	ng	0.00
Target Compounds						
						Qvalue
49) Acenaphthylene	14.175	152	298457	2.571	ng	100
71) Phenanthrene	17.257	178	1070809	6.594	ng	99
72) Anthracene	17.345	178	328364	2.031	ng	99
75) Fluoranthene	19.233	202	3301211	17.612	ng	99
78) Pyrene	19.586	202	2928950	13.301	ng	100
81) Benzo(a)anthracene	21.304	228	1715706	7.761	ng	98
83) Chrysene	21.357	228	1630580	7.597	ng	99
87) Indeno(1,2,3-cd)pyrene	26.221	276	1120593	4.367	ng	94
88) Benzo(b)fluoranthene	22.998	252	2471127m	11.083	ng	
89) Benzo(k)fluoranthene	23.039	252	761176m	3.573	ng	
90) Benzo(a)pyrene	23.616	252	1624611	7.682	ng	99
92) Benzo(g,h,i)perylene	26.986	276	1078585	5.018	ng	97

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

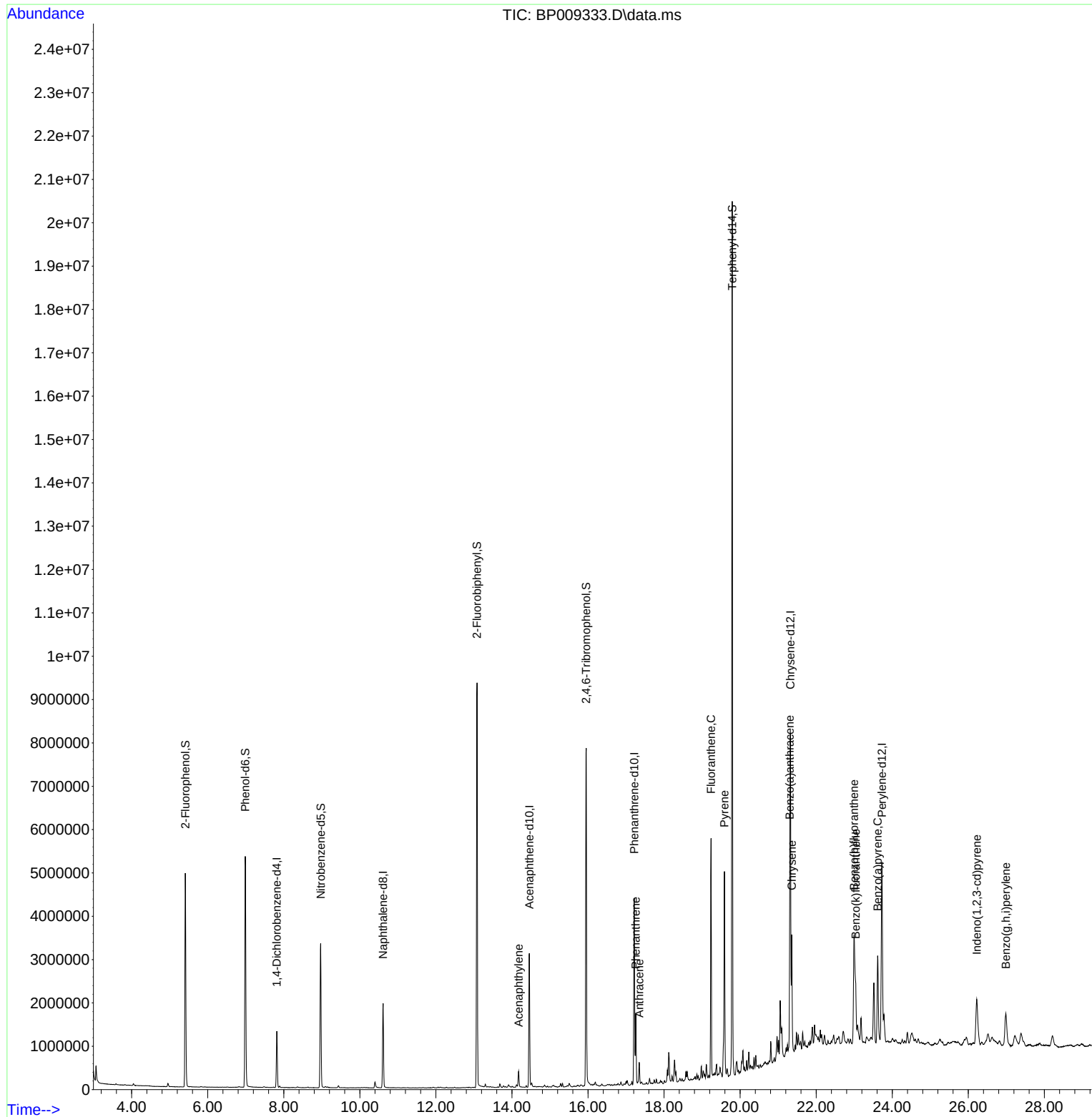
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030922\
Data File : BP009333.D
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ALS Vial : 17 Sample Multiplier: 1

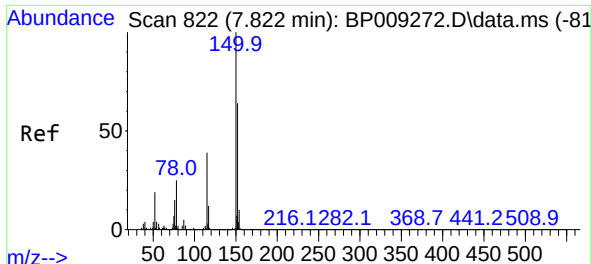
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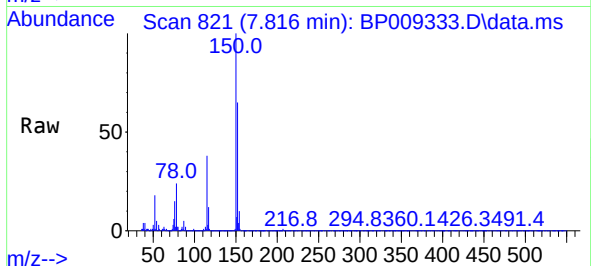
Reviewed By : Christian Giraldo 03/10/2022
Supervised By : Jagrut Upadhyay 03/10/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.816 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP009333.D
Acq: 09 Mar 2022 20:24

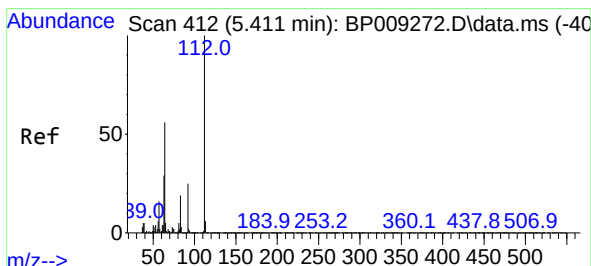
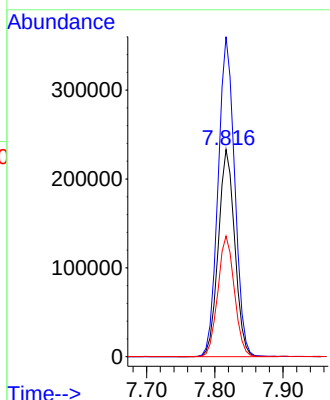
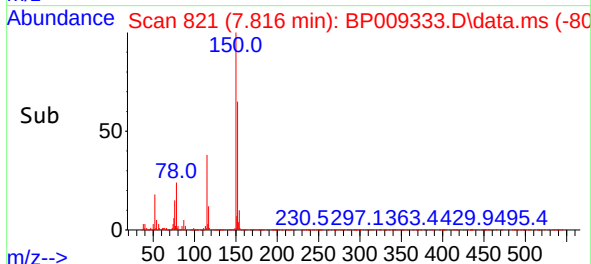
Instrument :
BNA_P
ClientSampleId :
DUM-38



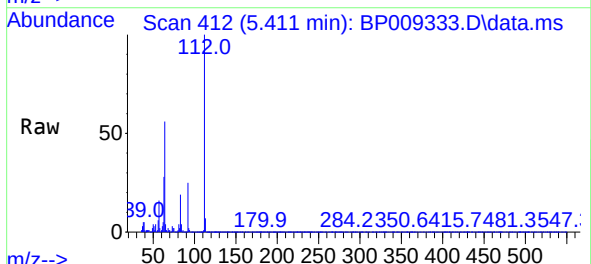
Tgt Ion:152 Resp: 390945
Ion Ratio Lower Upper
152 100
150 154.5 124.5 186.7
115 58.3 48.2 72.4

Manual Integrations
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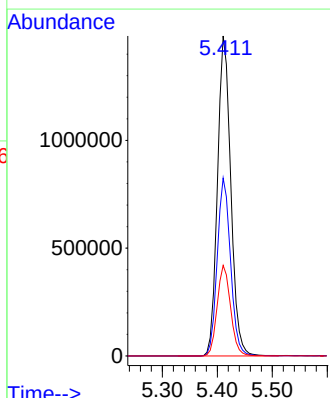
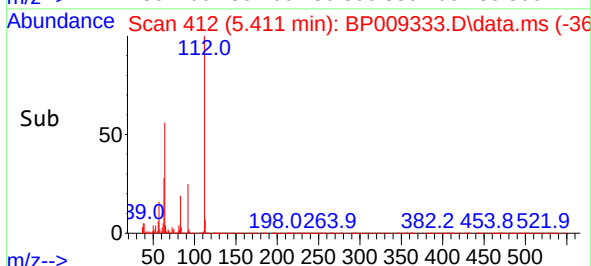
Reviewed By :Christian Giraldo 03/10/2022
Supervised By :Jagrut Upadhyay 03/10/2022

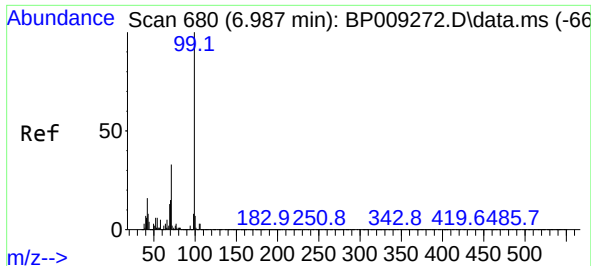


#5
2-Fluorophenol
Concen: 93.303 ng
RT: 5.411 min Scan# 412
Delta R.T. -0.000 min
Lab File: BP009333.D
Acq: 09 Mar 2022 20:24



Tgt Ion:112 Resp: 2498923
Ion Ratio Lower Upper
112 100
64 55.6 45.0 67.4
63 28.3 23.0 34.6





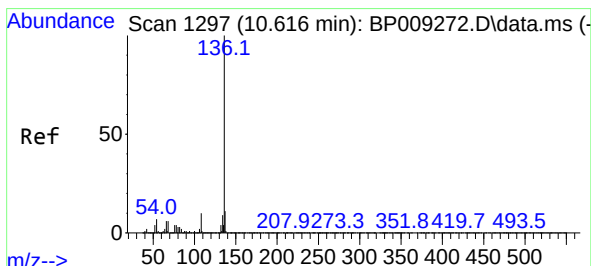
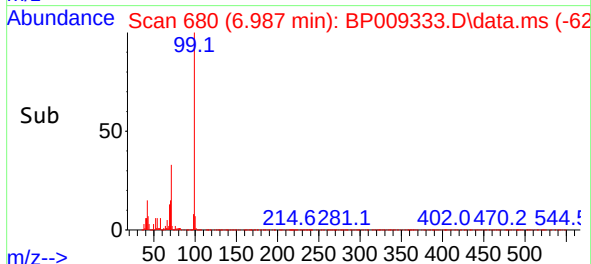
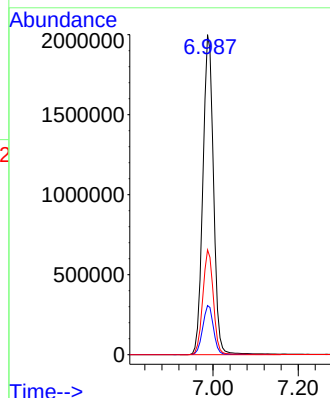
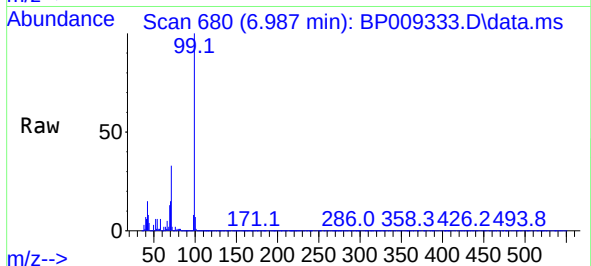
#7
Phenol-d6
Concen: 101.976 ng
RT: 6.987 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP009333.D
Acq: 09 Mar 2022 20:24

Instrument :
BNA_P
ClientSampleId :
DUM-38

Tgt Ion: 99 Resp: 347080
Ion Ratio Lower Upper
99 100
42 15.4 12.8 19.2
71 32.7 26.3 39.5

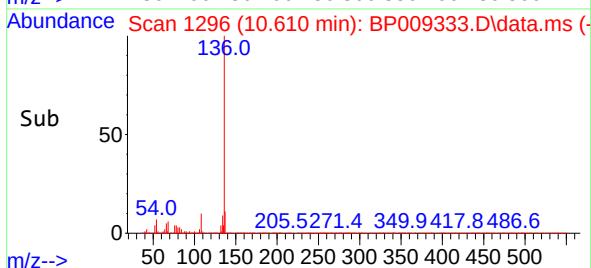
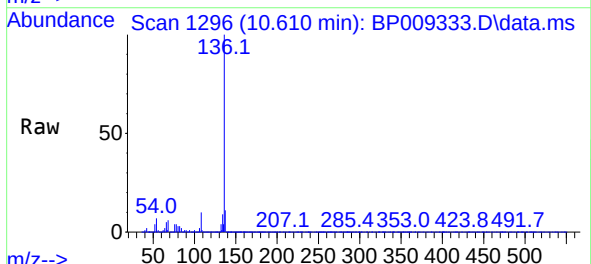
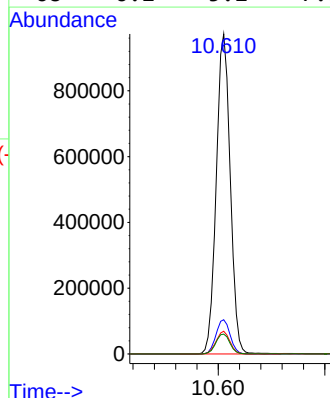
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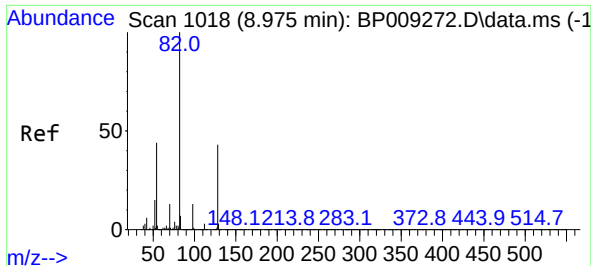
Reviewed By :Christian Giraldo 03/10/2022
Supervised By :Jagrut Upadhyay 03/10/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.610 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BP009333.D
Acq: 09 Mar 2022 20:24

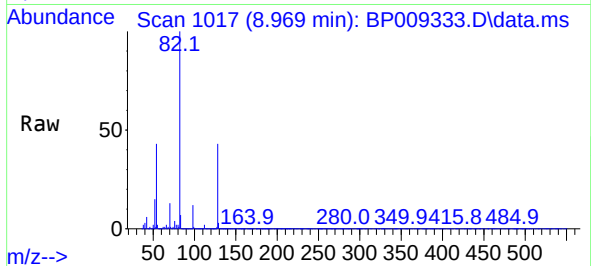
Tgt Ion:136 Resp: 1767057
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 7.1 5.8 8.8
68 6.2 5.2 7.8





#23
Nitrobenzene-d5
Concen: 66.593 ng
RT: 8.969 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BP009333.D
Acq: 09 Mar 2022 20:24

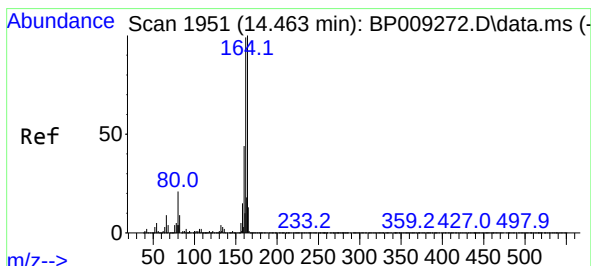
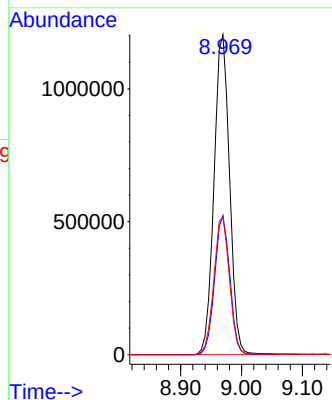
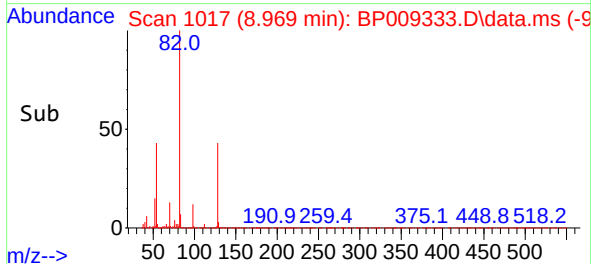
Instrument :
BNA_P
ClientSampleId :
DUM-38



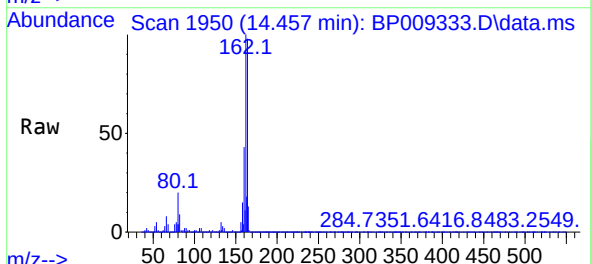
Tgt Ion: 82 Resp: 2136470
Ion Ratio Lower Upper
82 100
128 43.4 34.2 51.4
54 43.0 34.7 52.1

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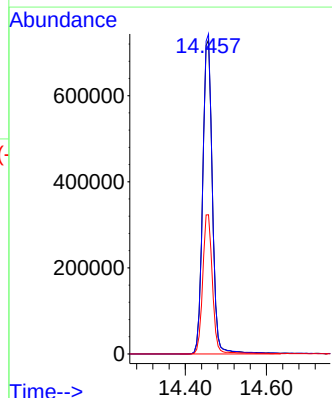
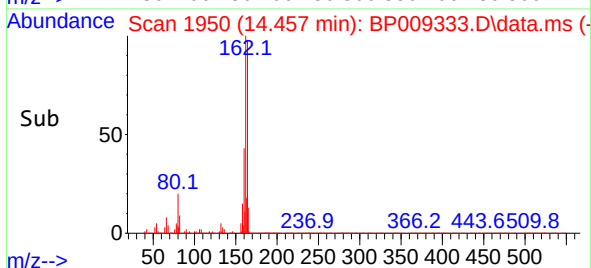
Reviewed By :Christian Giraldo 03/10/2022
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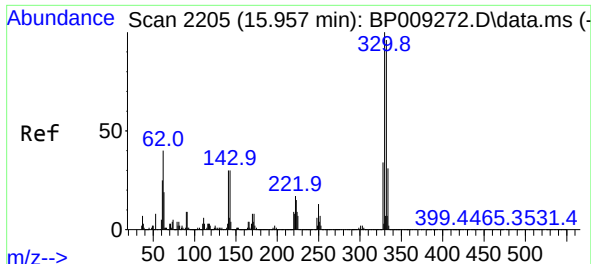


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BP009333.D
Acq: 09 Mar 2022 20:24



Tgt Ion:164 Resp: 1215080
Ion Ratio Lower Upper
164 100
162 101.8 79.1 118.7
160 44.3 34.9 52.3





#42
2,4,6-Tribromophenol
Concen: 116.961 ng
RT: 15.951 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009333.D
Acq: 09 Mar 2022 20:24

Instrument :

BNA_P

ClientSampleId :

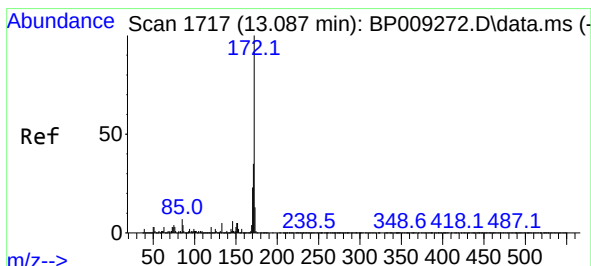
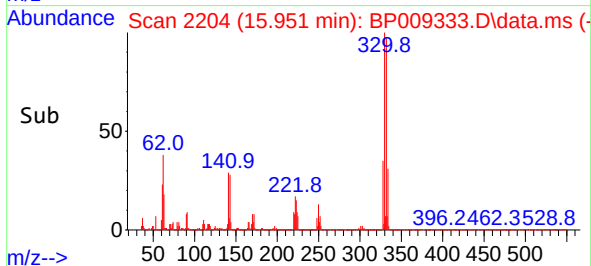
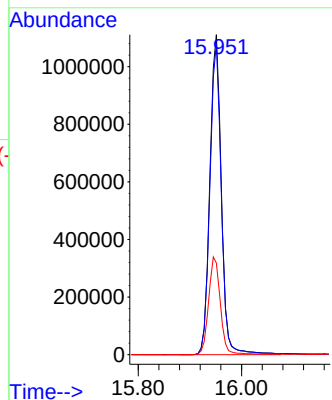
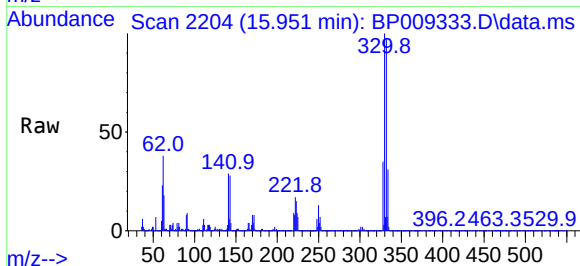
DUM-38

Tgt Ion:330 Resp: 1716070
Ion Ratio Lower Upper
330 100
332 97.0 77.0 115.6
141 31.3 27.6 41.4

Manual Integrations

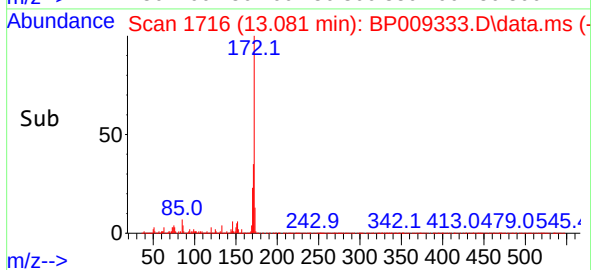
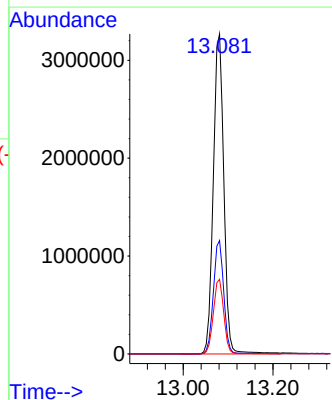
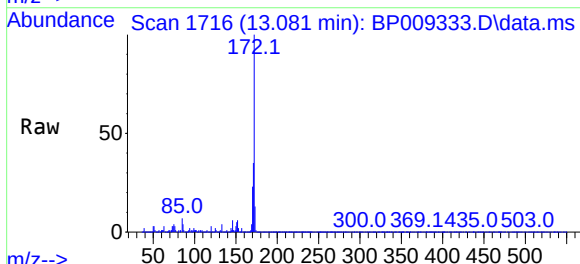
APPROVED

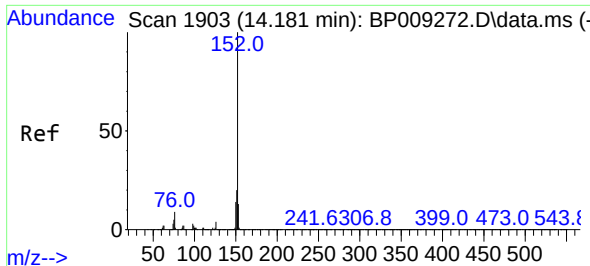
Reviewed By :Christian Giraldo 03/10/2022
Supervised By :Jagrut Upadhyay 03/10/2022



#45
2-Fluorobiphenyl
Concen: 60.367 ng
RT: 13.081 min Scan# 1716
Delta R.T. -0.006 min
Lab File: BP009333.D
Acq: 09 Mar 2022 20:24

Tgt Ion:172 Resp: 5333770
Ion Ratio Lower Upper
172 100
171 35.5 28.0 42.0
170 23.4 18.6 27.8





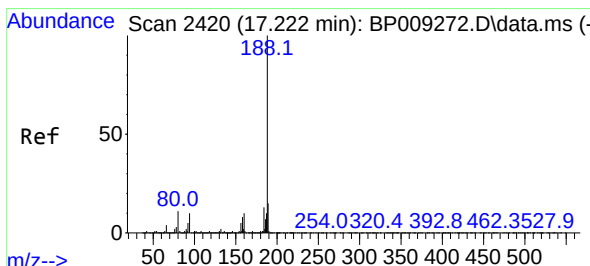
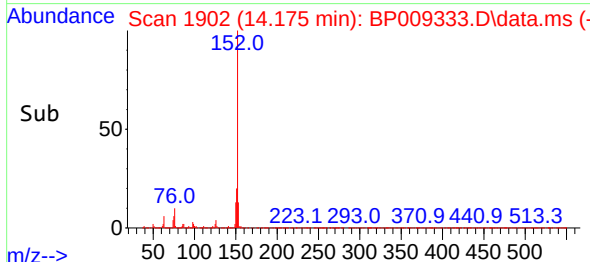
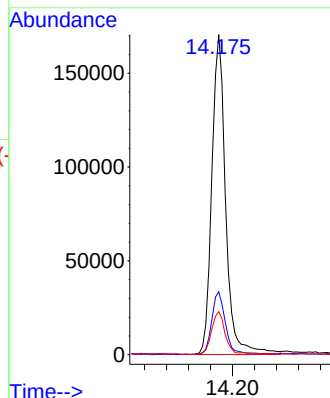
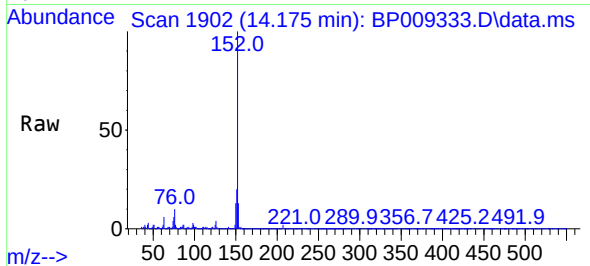
#49
Acenaphthylene
Concen: 2.571 ng
RT: 14.175 min Scan# 1902
Delta R.T. -0.006 min
Lab File: BP009333.D
Acq: 09 Mar 2022 20:24

Instrument :
BNA_P
ClientSampleId :
DUM-38

Tgt Ion:152 Resp: 29845
Ion Ratio Lower Upper
152 100
151 19.7 15.9 23.9
153 13.5 10.7 16.1

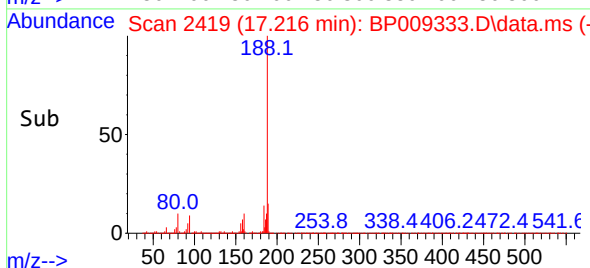
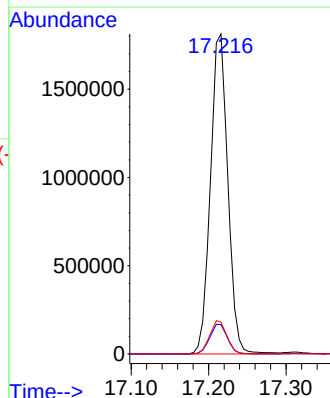
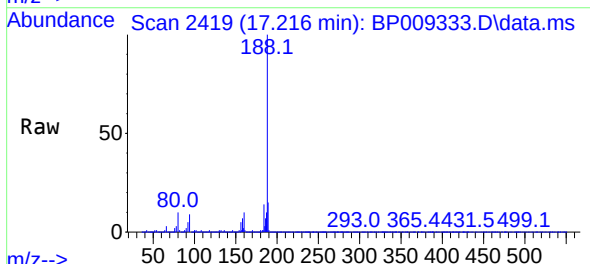
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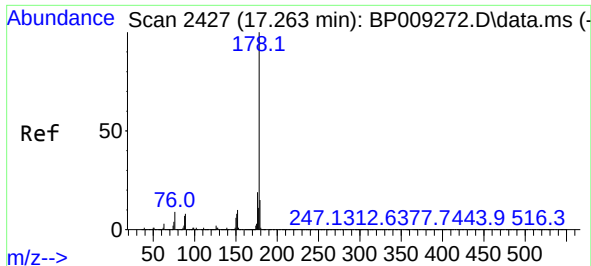
Reviewed By :Christian Giraldo 03/10/2022
Supervised By :Jagrut Upadhyay 03/10/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.216 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BP009333.D
Acq: 09 Mar 2022 20:24

Tgt Ion:188 Resp: 2825706
Ion Ratio Lower Upper
188 100
94 9.1 7.9 11.9
80 10.0 8.8 13.2





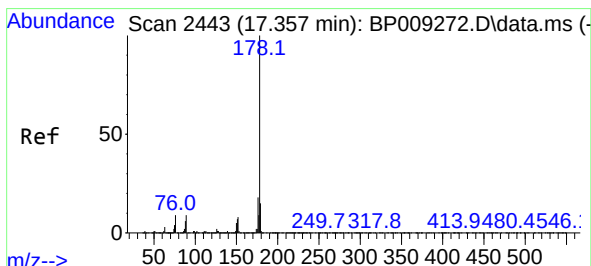
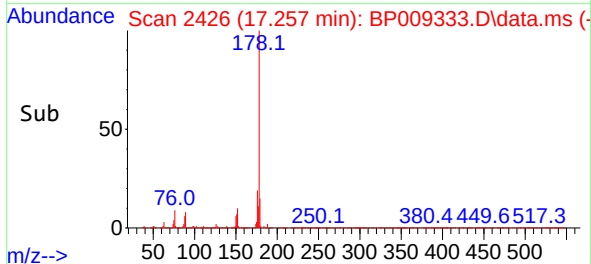
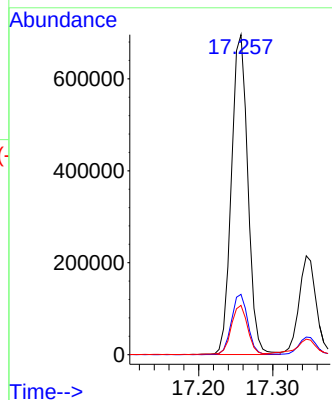
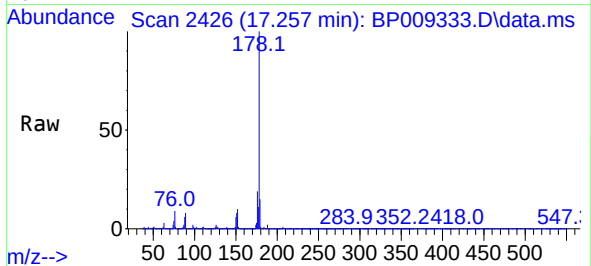
#71
Phenanthrene
Concen: 6.594 ng
RT: 17.257 min Scan# 2427
Delta R.T. -0.006 min
Lab File: BP009333.D
Acq: 09 Mar 2022 20:24

Instrument :
BNA_P
ClientSampleId :
DUM-38

Tgt Ion:178 Resp: 1070809
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.2
179 15.4 12.3 18.5

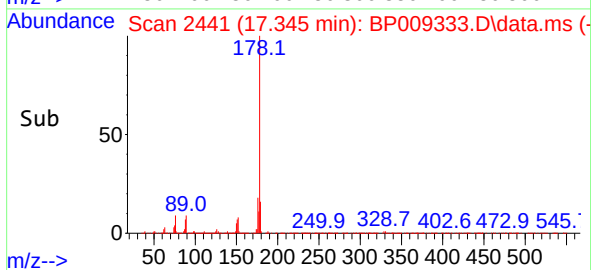
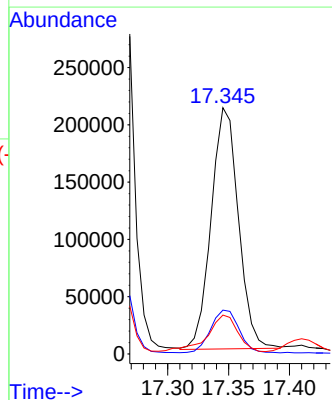
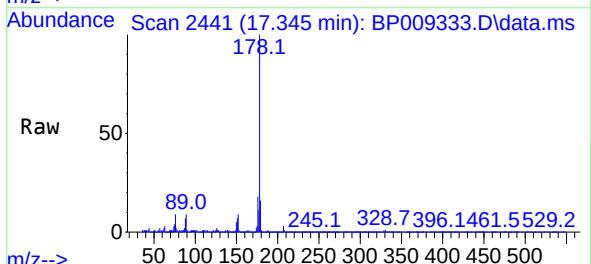
Manual Integrations
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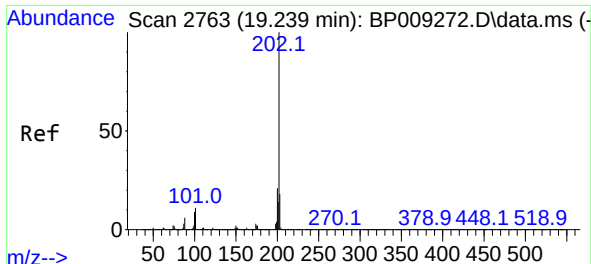
Reviewed By :Christian Giraldo 03/10/2022
Supervised By :Jagrut Upadhyay 03/10/2022



#72
Anthracene
Concen: 2.031 ng
RT: 17.345 min Scan# 2441
Delta R.T. -0.012 min
Lab File: BP009333.D
Acq: 09 Mar 2022 20:24

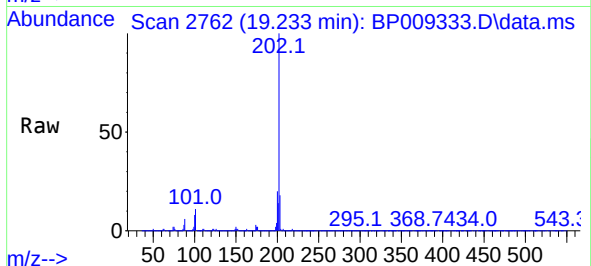
Tgt Ion:178 Resp: 328364
Ion Ratio Lower Upper
178 100
176 17.8 14.8 22.2
179 15.8 12.2 18.4





#75
Fluoranthene
Concen: 17.612 ng
RT: 19.233 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009333.D
Acq: 09 Mar 2022 20:24

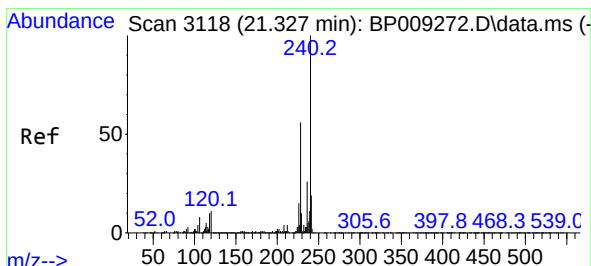
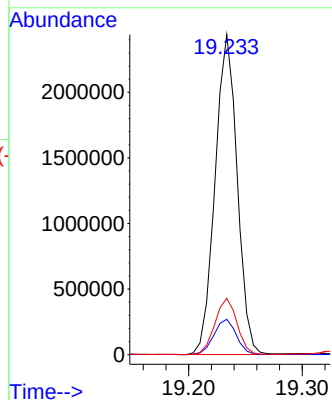
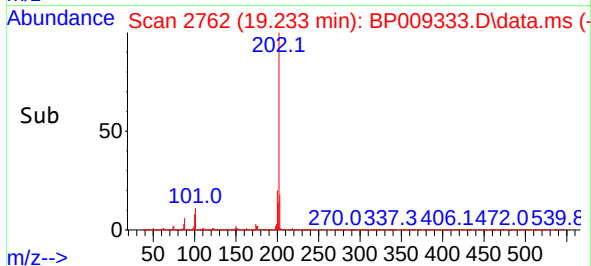
Instrument :
BNA_P
ClientSampleId :
DUM-38



Tgt Ion:202 Resp: 330121
Ion Ratio Lower Upper
202 100
101 11.1 0.0 31.5
203 17.6 0.0 37.8

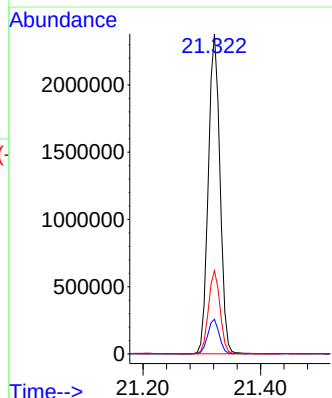
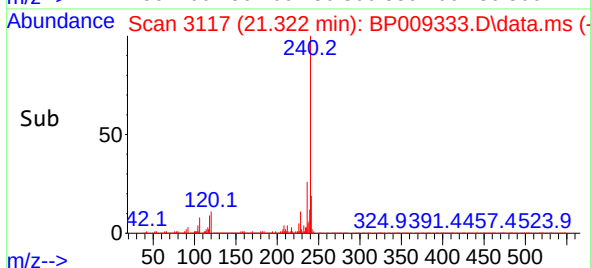
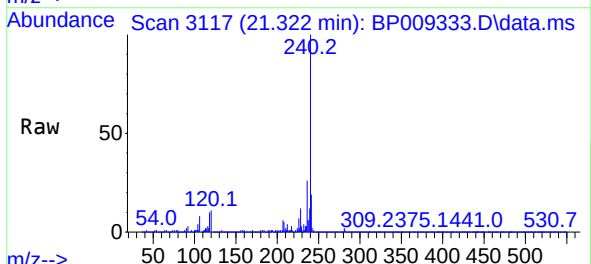
Manual Integrations
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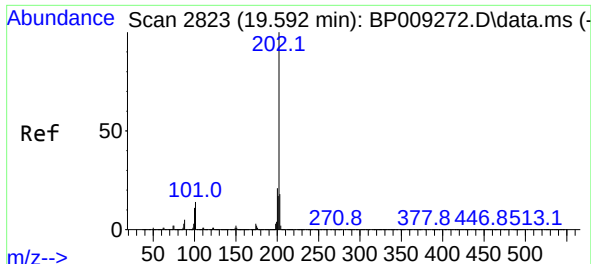
Reviewed By :Christian Giraldo 03/10/2022
Supervised By :Jagrut Upadhyay 03/10/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.322 min Scan# 3117
Delta R.T. -0.006 min
Lab File: BP009333.D
Acq: 09 Mar 2022 20:24

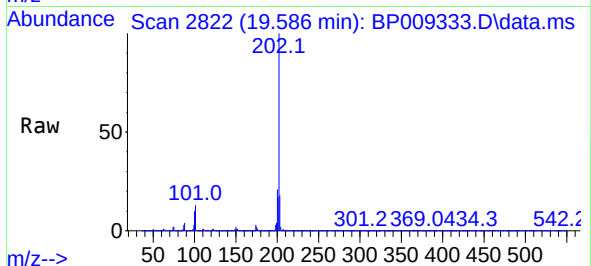
Tgt Ion:240 Resp: 3261443
Ion Ratio Lower Upper
240 100
120 10.8 9.0 13.4
236 26.1 20.6 30.8





#78
Pyrene
Concen: 13.301 ng
RT: 19.586 min Scan# 2823
Delta R.T. -0.006 min
Lab File: BP009333.D
Acq: 09 Mar 2022 20:24

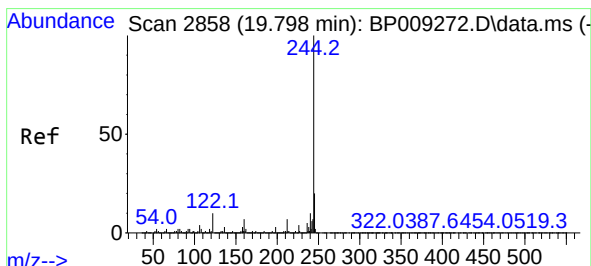
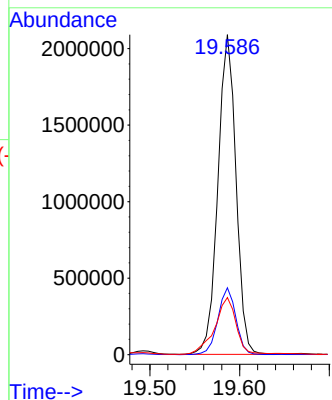
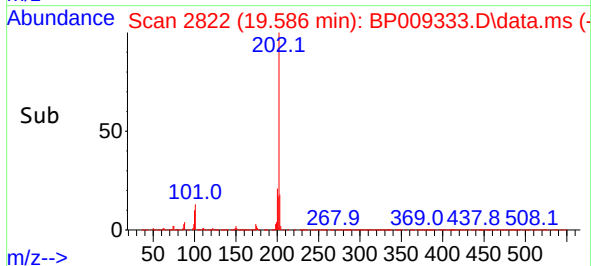
Instrument :
BNA_P
ClientSampleId :
DUM-38



Tgt Ion:202 Resp: 2928950
Ion Ratio Lower Upper
202 100
200 20.9 16.8 25.2
203 17.8 14.2 21.4

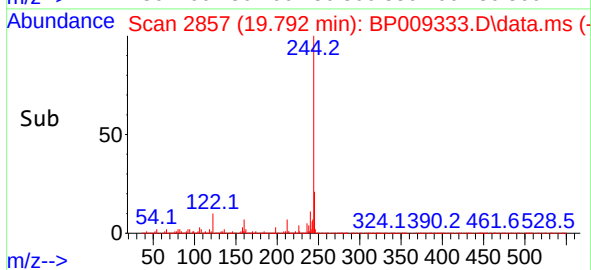
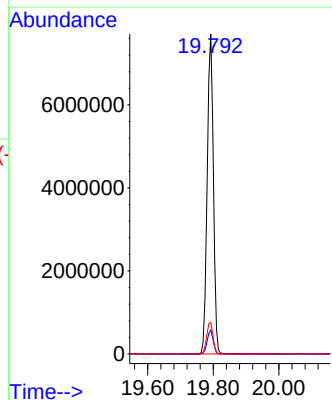
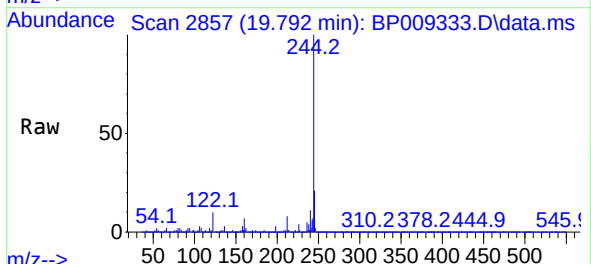
Manual Integrations
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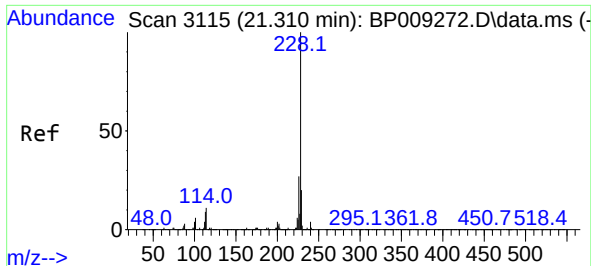
Reviewed By :Christian Giraldo 03/10/2022
Supervised By :Jagrut Upadhyay 03/10/2022



#79
Terphenyl-d14
Concen: 58.542 ng
RT: 19.792 min Scan# 2857
Delta R.T. -0.006 min
Lab File: BP009333.D
Acq: 09 Mar 2022 20:24

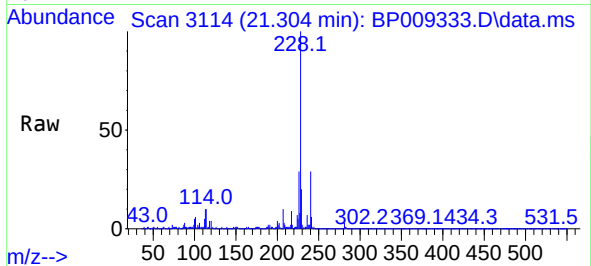
Tgt Ion:244 Resp:10117589
Ion Ratio Lower Upper
244 100
212 7.5 5.8 8.6
122 9.9 8.3 12.5





#81
Benzo(a)anthracene
Concen: 7.761 ng
RT: 21.304 min Scan# 3115
Delta R.T. -0.006 min
Lab File: BP009333.D
Acq: 09 Mar 2022 20:24

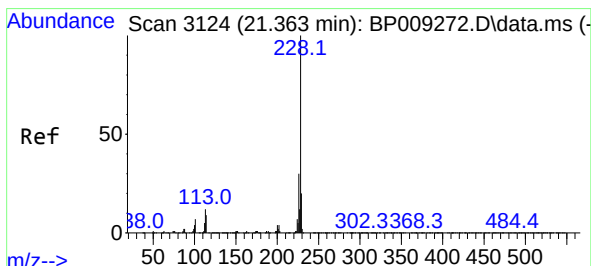
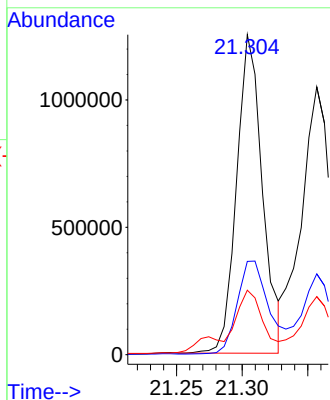
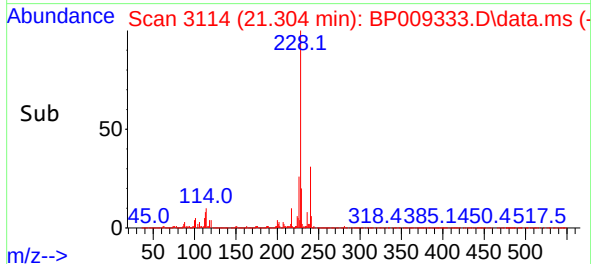
Instrument :
BNA_P
ClientSampleId :
DUM-38



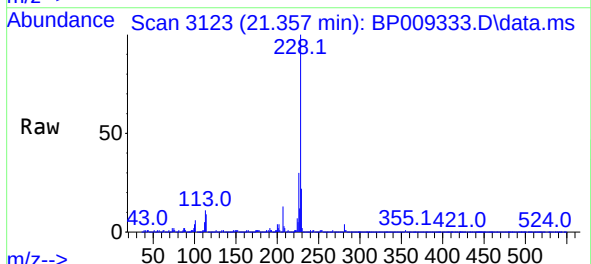
Tgt Ion:228 Resp: 1715700
Ion Ratio Lower Upper
228 100
226 29.2 22.0 33.0
229 20.1 16.1 24.1

Manual Integrations
APPROVED

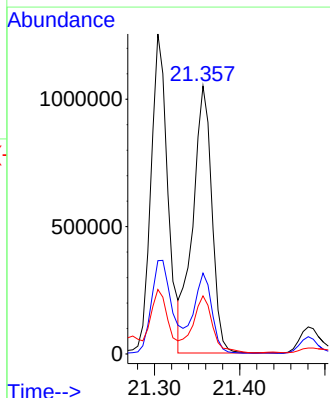
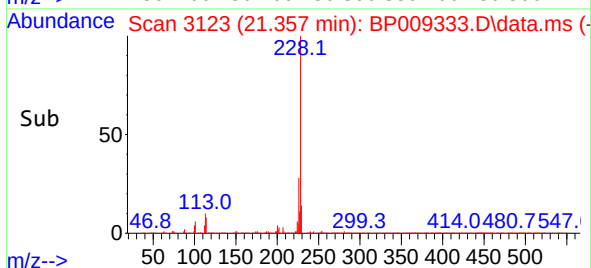
Reviewed By :Christian Giraldo 03/10/2022
Supervised By :Jagrut Upadhyay 03/10/2022

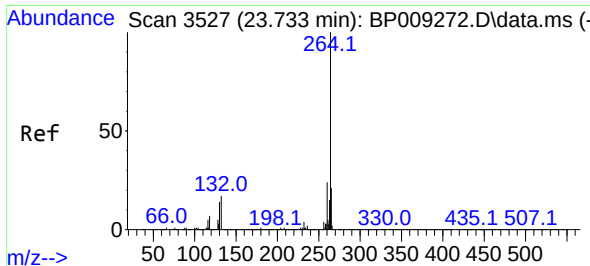


#83
Chrysene
Concen: 7.597 ng
RT: 21.357 min Scan# 3123
Delta R.T. -0.006 min
Lab File: BP009333.D
Acq: 09 Mar 2022 20:24



Tgt Ion:228 Resp: 1630580
Ion Ratio Lower Upper
228 100
226 30.2 24.2 36.2
229 21.7 16.1 24.1





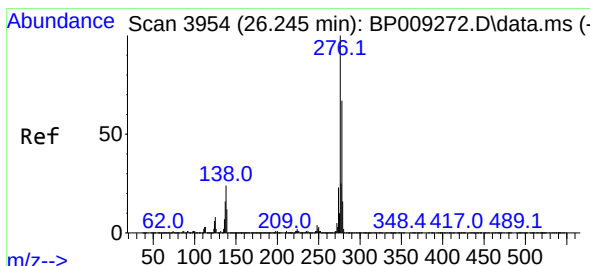
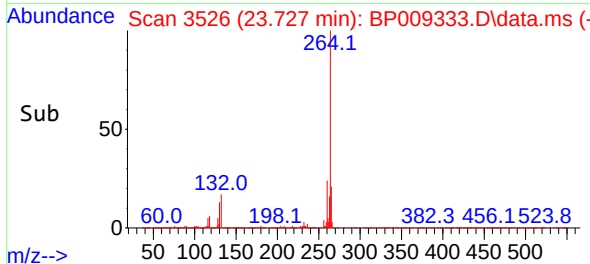
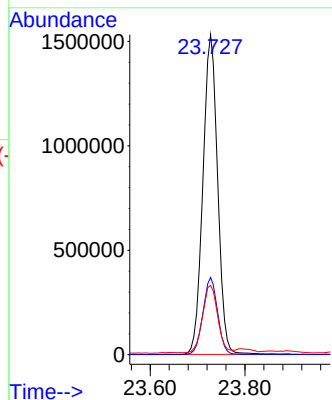
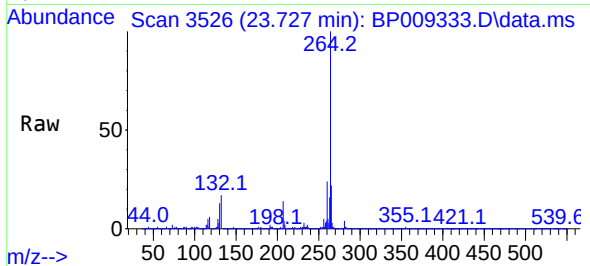
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.727 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP009333.D
Acq: 09 Mar 2022 20:24

Instrument :
BNA_P
ClientSampleId :
DUM-38

Tgt Ion:264 Resp: 330242
Ion Ratio Lower Upper
264 100
260 24.1 19.4 29.0
265 21.6 17.2 25.8

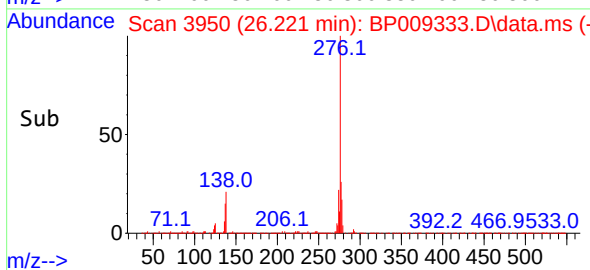
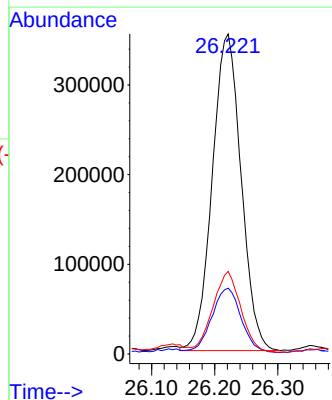
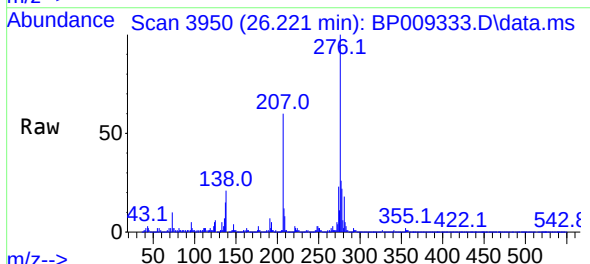
Manual Integrations
APPROVED

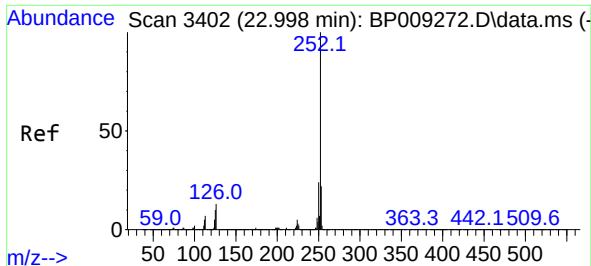
Reviewed By :Christian Giraldo 03/10/2022
Supervised By :Jagrut Upadhyay 03/10/2022



#87
Indeno(1,2,3-cd)pyrene
Concen: 4.367 ng
RT: 26.221 min Scan# 3950
Delta R.T. -0.024 min
Lab File: BP009333.D
Acq: 09 Mar 2022 20:24

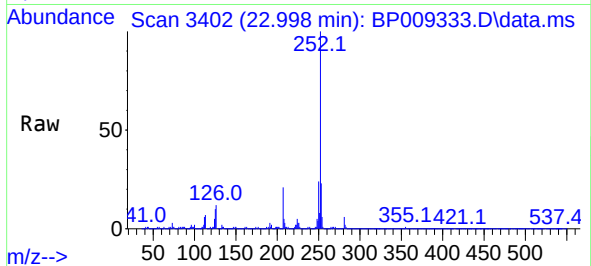
Tgt Ion:276 Resp: 1120593
Ion Ratio Lower Upper
276 100
138 20.8 20.5 30.7
277 24.7 20.4 30.6





#88
Benzo(b)fluoranthene
Concen: 11.083 ng m
RT: 22.998 min Scan# 3402
Delta R.T. 0.000 min
Lab File: BP009333.D
Acq: 09 Mar 2022 20:24

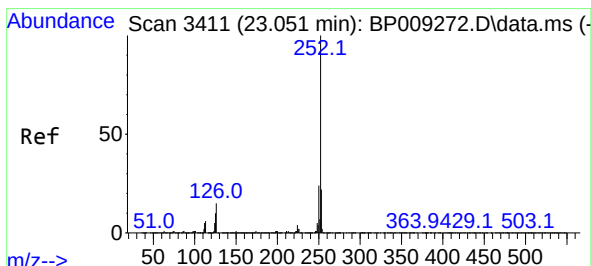
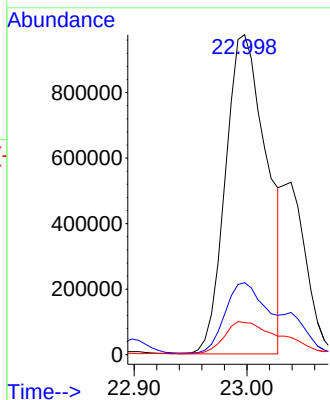
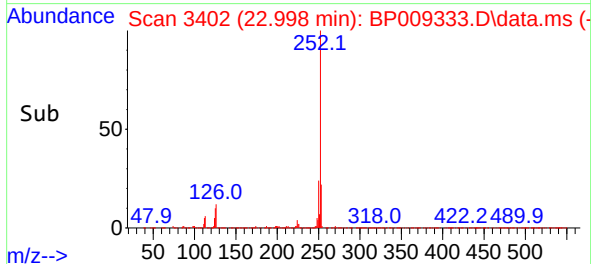
Instrument :
BNA_P
ClientSampleId :
DUM-38



Tgt Ion:252 Resp: 247112
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 10.0 8.1 12.1

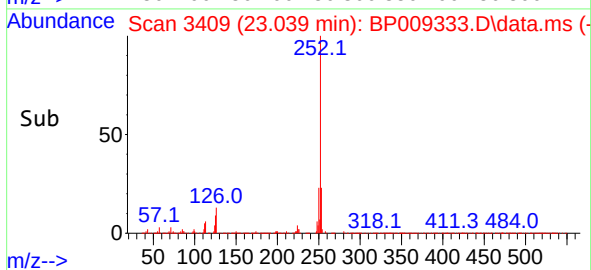
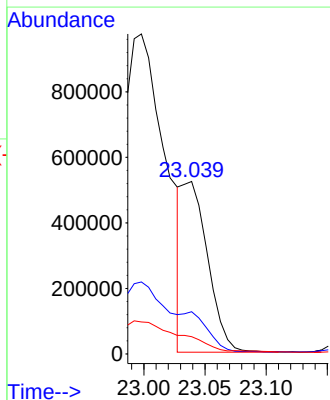
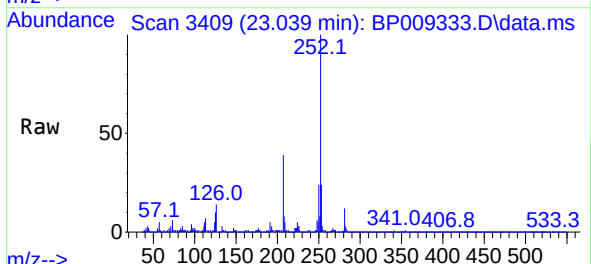
Manual Integrations
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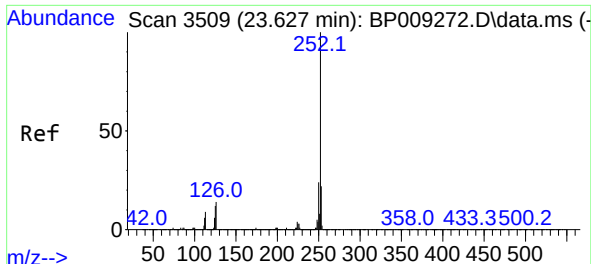
Reviewed By :Christian Giraldo 03/10/2022
Supervised By :Jagrut Upadhyay 03/10/2022



#89
Benzo(k)fluoranthene
Concen: 3.573 ng m
RT: 23.039 min Scan# 3409
Delta R.T. -0.012 min
Lab File: BP009333.D
Acq: 09 Mar 2022 20:24

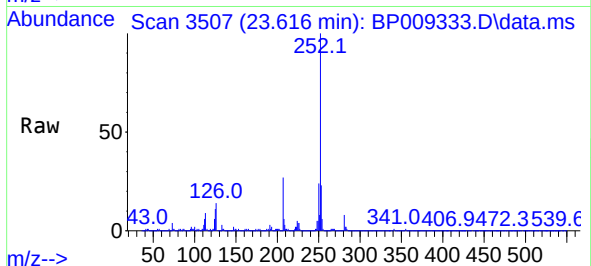
Tgt Ion:252 Resp: 761176
Ion Ratio Lower Upper
252 100
253 24.5 17.5 26.3
125 10.0 8.3 12.5





#90
Benzo(a)pyrene
Concen: 7.682 ng
RT: 23.616 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP009333.D
Acq: 09 Mar 2022 20:24

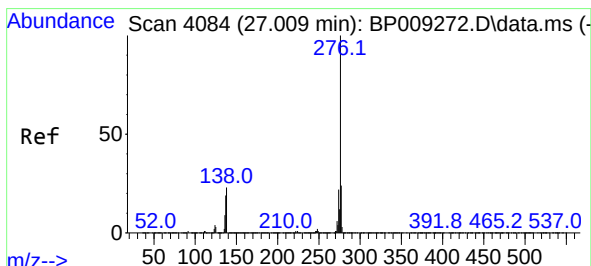
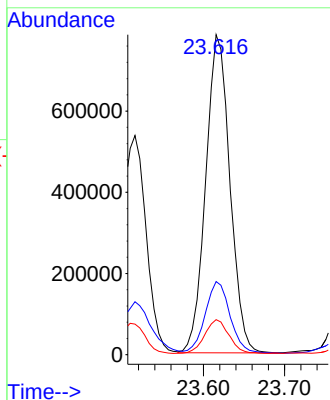
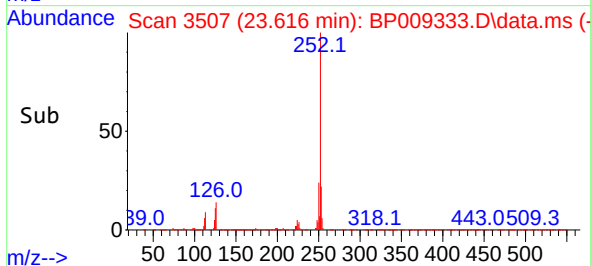
Instrument :
BNA_P
ClientSampleId :
DUM-38



Tgt Ion:252 Resp: 162461
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.6
125 11.0 9.3 13.9

Manual Integrations
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Reviewed By :Christian Giraldo 03/10/2022
Supervised By :Jagrut Upadhyay 03/10/2022



#92
Benzo(g,h,i)perylene
Concen: 5.018 ng
RT: 26.986 min Scan# 4080
Delta R.T. -0.024 min
Lab File: BP009333.D
Acq: 09 Mar 2022 20:24

Tgt Ion:276 Resp: 1078585
Ion Ratio Lower Upper
276 100
277 24.7 19.2 28.8
138 20.5 18.0 27.0

