

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031122\
 Data File : BP009362.D
 Acq On : 11 Mar 2022 13:29
 Operator : CG/JU
 Sample : N1864-13
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MB-B1-030922-2-4

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/14/2022
 Supervised By : Jagrut Upadhyay 03/14/2022

Quant Time: Mar 12 04:49:41 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	325752	20.000	ng	0.00
21) Naphthalene-d8	10.610	136	1295391	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	803451	20.000	ng	0.00
64) Phenanthrene-d10	17.216	188	1762531	20.000	ng	0.00
76) Chrysene-d12	21.327	240	1921198	20.000	ng	0.00
86) Perylene-d12	23.739	264	2113026	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.417	112	2046862	91.719	ng	0.00
7) Phenol-d6	6.993	99	2630742	92.763	ng	0.00
23) Nitrobenzene-d5	8.969	82	1666803	70.871	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	1284521	132.402	ng	0.00
45) 2-Fluorobiphenyl	13.081	172	3704280	63.403	ng	0.00
79) Terphenyl-d14	19.792	244	6380591	62.674	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.257	178	210988	2.083	ng	98
75) Fluoranthene	19.233	202	479963	4.105	ng	98
78) Pyrene	19.592	202	457367	3.526	ng	99
81) Benzo(a)anthracene	21.310	228	291573	2.239	ng	98
83) Chrysene	21.363	228	269326	2.130	ng	97
88) Benzo(b)fluoranthene	23.004	252	387701m	2.717	ng	
90) Benzo(a)pyrene	23.627	252	286208	2.115	ng	97

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

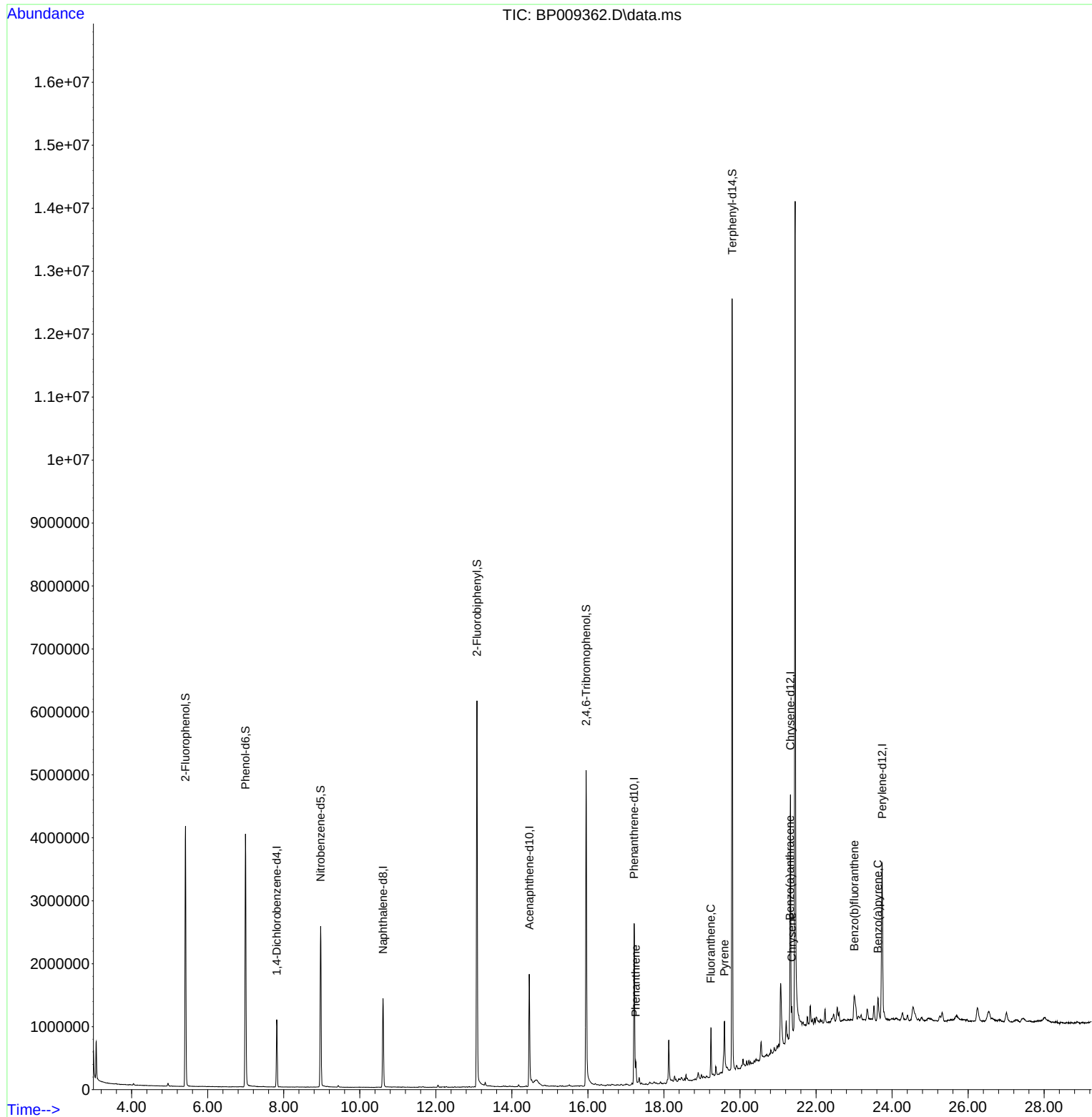
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031122\
Data File : BP009362.D
Acq On : 11 Mar 2022 13:29
Operator : CG/JU
Sample : N1864-13
Misc :
ALS Vial : 5 Sample Multiplier: 1

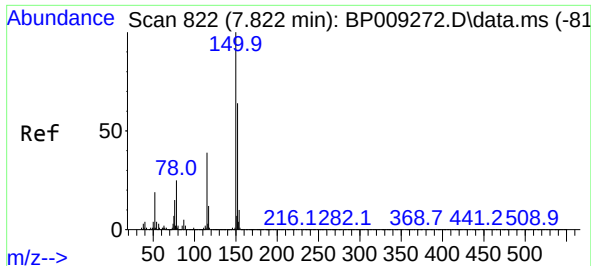
Instrument :
BNA_P
ClientSampleId :
MB-B1-030922-2-4

Manual Integrations
APPROVED

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Supervised By : Jagrut Upadhyay 03/14/2022

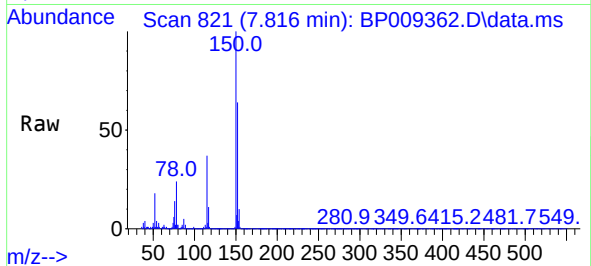
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 05 01:55:59 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.816 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP009362.D
Acq: 11 Mar 2022 13:29

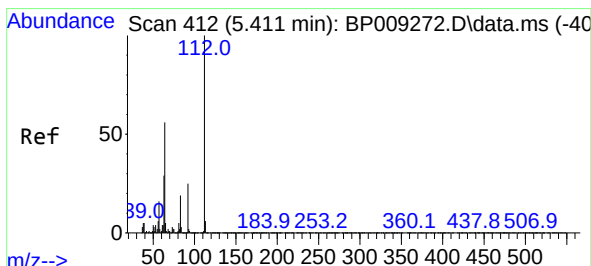
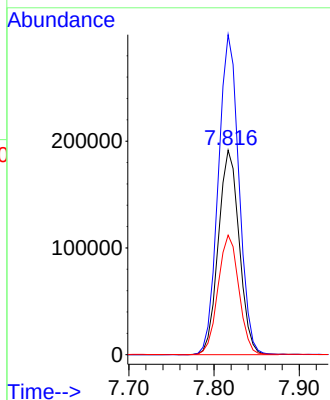
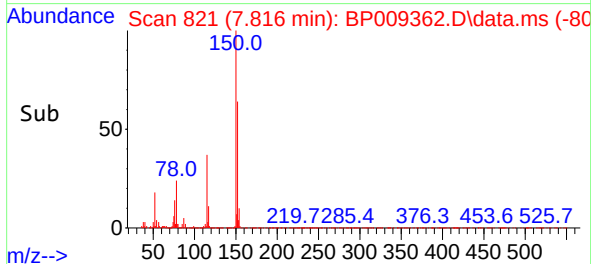
Instrument :
BNA_P
ClientSampleId :
MB-B1-030922-2-4



Tgt Ion:152 Resp: 325752
Ion Ratio Lower Upper
152 100
150 156.5 124.5 186.7
115 58.5 48.2 72.4

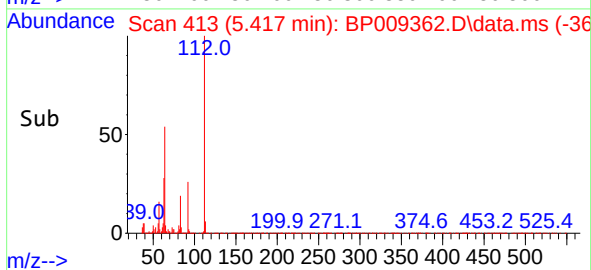
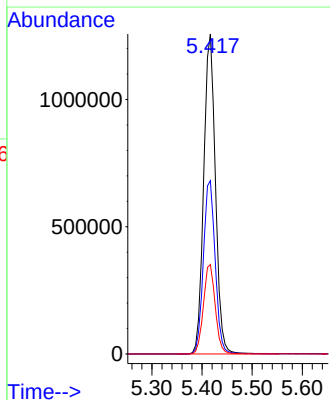
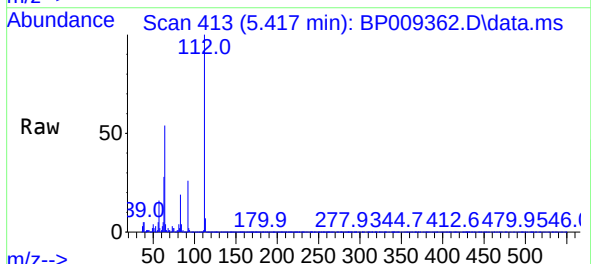
Manual Integrations
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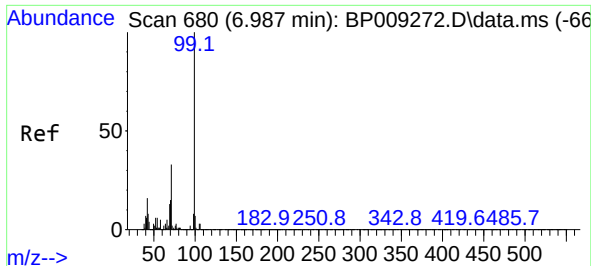
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022



#5
2-Fluorophenol
Concen: 91.719 ng
RT: 5.417 min Scan# 413
Delta R.T. 0.006 min
Lab File: BP009362.D
Acq: 11 Mar 2022 13:29

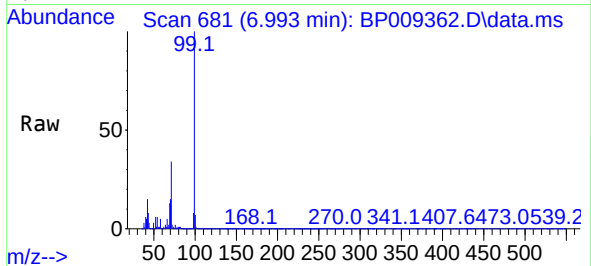
Tgt Ion:112 Resp: 2046862
Ion Ratio Lower Upper
112 100
64 54.2 45.0 67.4
63 28.0 23.0 34.6





#7
Phenol-d6
Concen: 92.763 ng
RT: 6.993 min Scan# 681
Delta R.T. 0.006 min
Lab File: BP009362.D
Acq: 11 Mar 2022 13:29

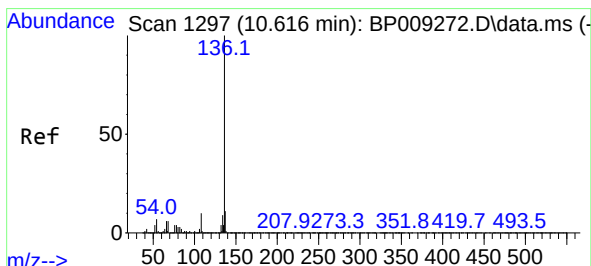
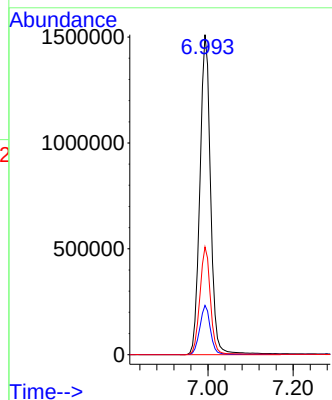
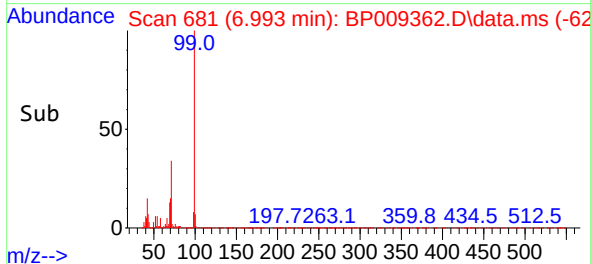
Instrument :
BNA_P
ClientSampleId :
MB-B1-030922-2-4



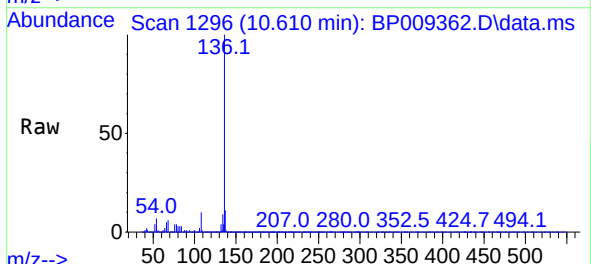
Tgt Ion: 99 Resp: 263074
Ion Ratio Lower Upper
99 100
42 15.4 12.8 19.2
71 33.7 26.3 39.5

Manual Integrations
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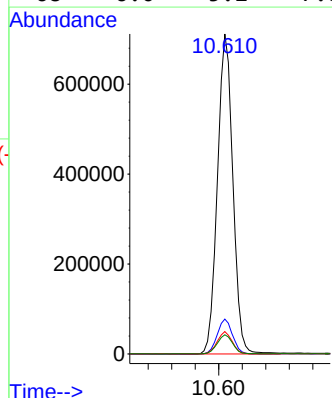
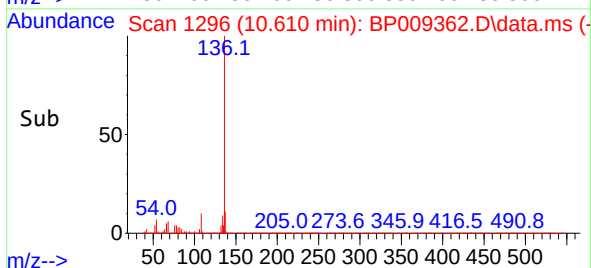
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022

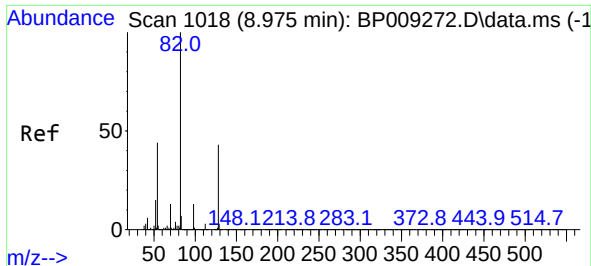


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.610 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BP009362.D
Acq: 11 Mar 2022 13:29



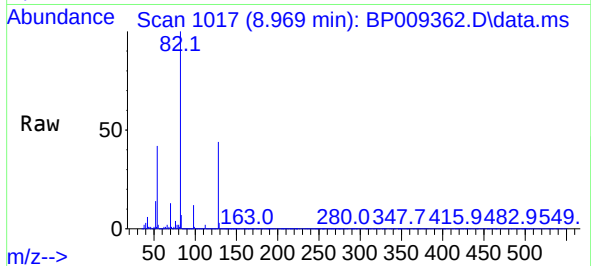
Tgt Ion:136 Resp: 1295391
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 7.0 5.8 8.8
68 6.0 5.2 7.8





#23
Nitrobenzene-d5
Concen: 70.871 ng
RT: 8.969 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BP009362.D
Acq: 11 Mar 2022 13:29

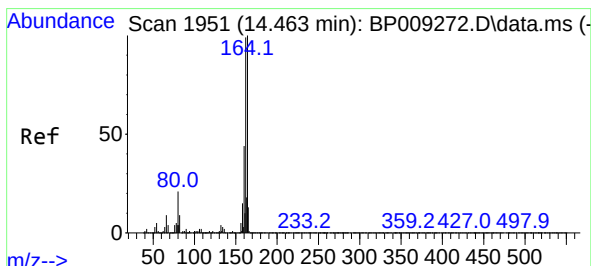
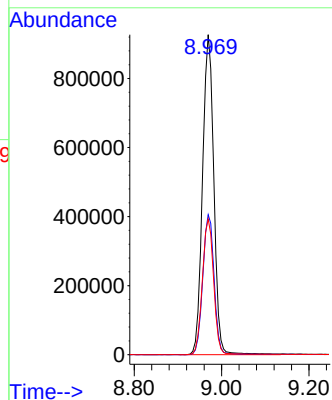
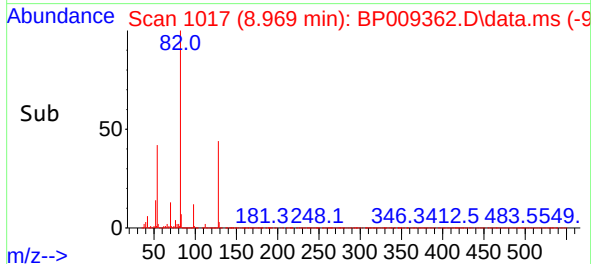
Instrument :
BNA_P
ClientSampleId :
MB-B1-030922-2-4



Tgt Ion: 82 Resp: 166680
Ion Ratio Lower Upper
82 100
128 43.8 34.2 51.4
54 42.4 34.7 52.1

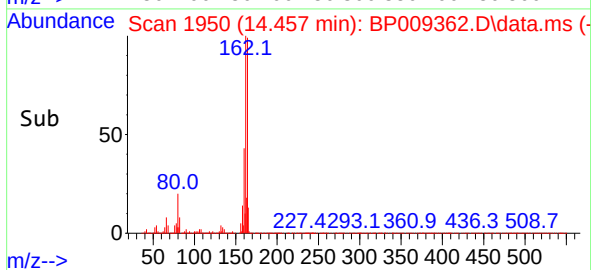
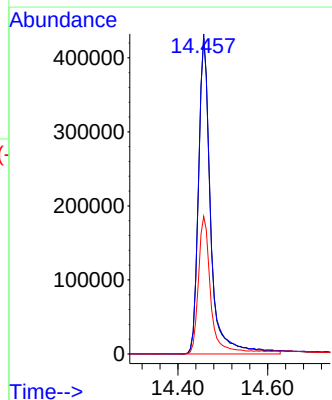
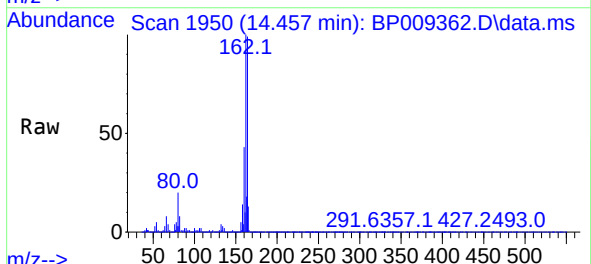
Manual Integrations
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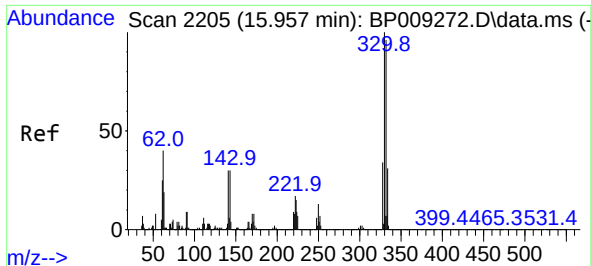
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BP009362.D
Acq: 11 Mar 2022 13:29

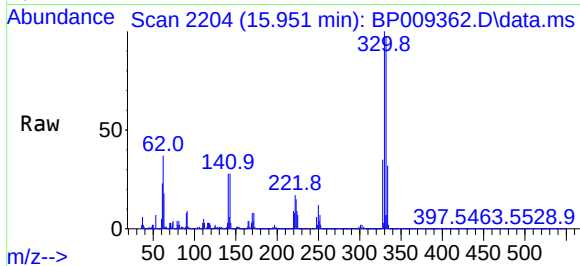
Tgt Ion:164 Resp: 803451
Ion Ratio Lower Upper
164 100
162 101.3 79.1 118.7
160 43.6 34.9 52.3





#42
2,4,6-Tribromophenol
Concen: 132.402 ng
RT: 15.951 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009362.D
Acq: 11 Mar 2022 13:29

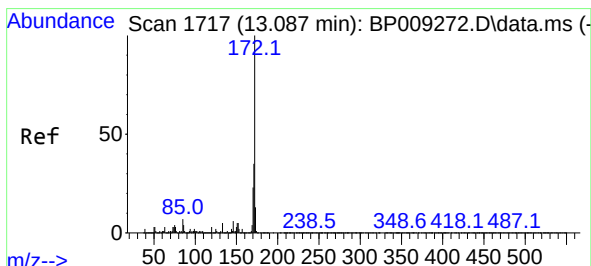
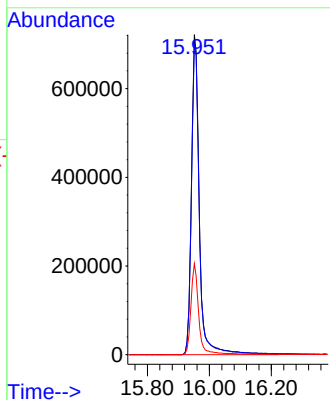
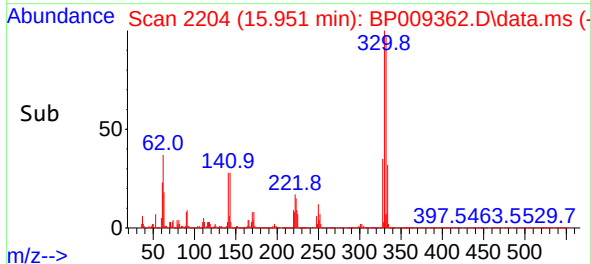
Instrument :
BNA_P
ClientSampleId :
MB-B1-030922-2-4



Tgt Ion:330 Resp: 128452
Ion Ratio Lower Upper
330 100
332 96.1 77.0 115.6
141 27.3 27.6 41.4

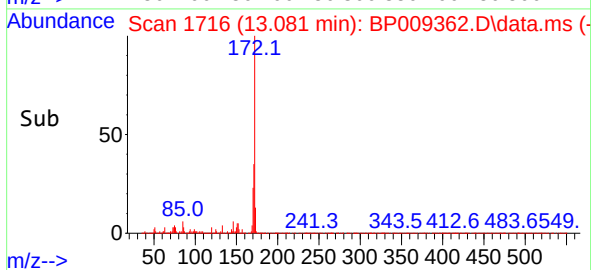
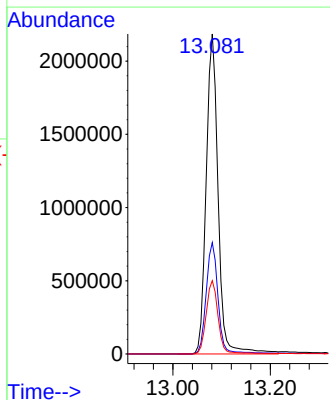
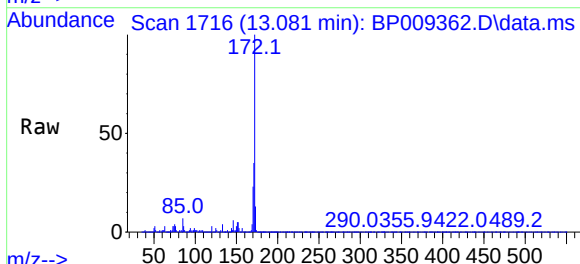
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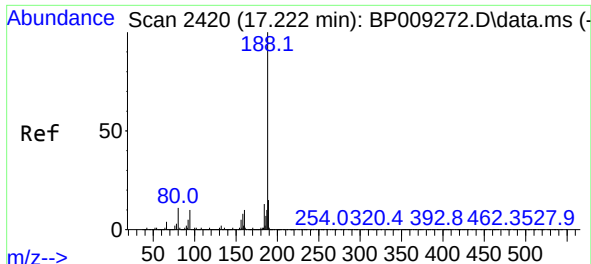
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022



#45
2-Fluorobiphenyl
Concen: 63.403 ng
RT: 13.081 min Scan# 1716
Delta R.T. -0.006 min
Lab File: BP009362.D
Acq: 11 Mar 2022 13:29

Tgt Ion:172 Resp: 3704280
Ion Ratio Lower Upper
172 100
171 34.8 28.0 42.0
170 22.9 18.6 27.8





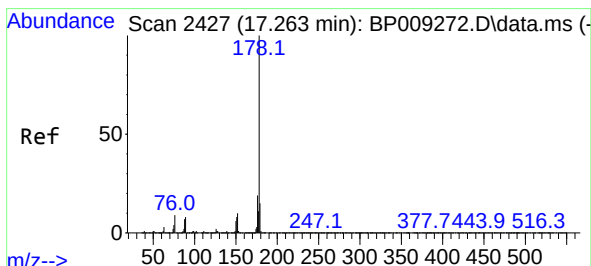
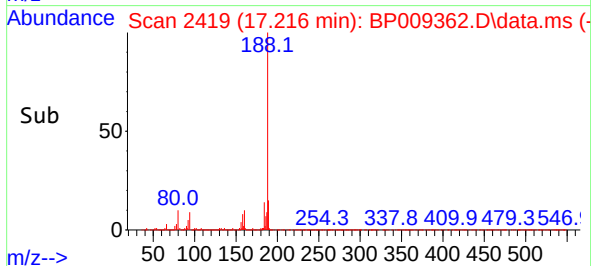
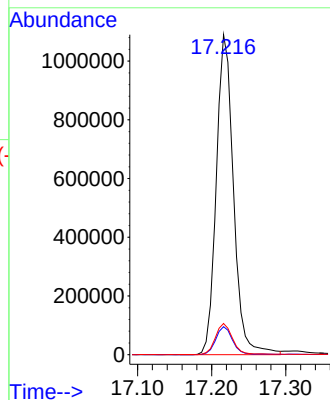
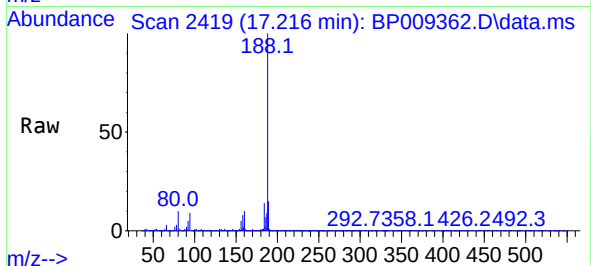
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.216 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BP009362.D
Acq: 11 Mar 2022 13:29

Instrument :
BNA_P
ClientSampleId :
MB-B1-030922-2-4

Tgt Ion:188 Resp: 176253
Ion Ratio Lower Upper
188 100
94 8.7 7.9 11.9
80 9.8 8.8 13.2

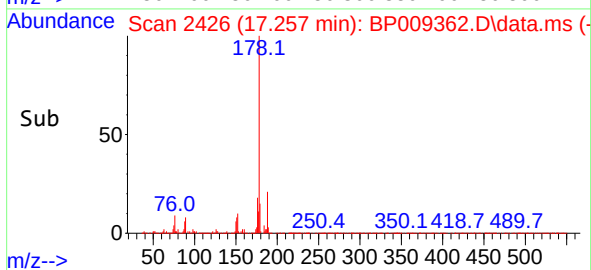
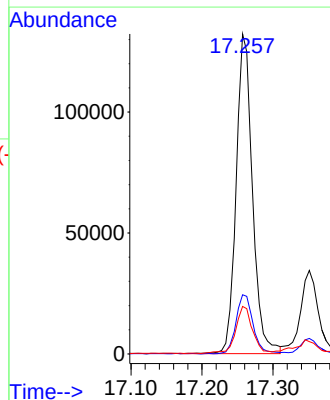
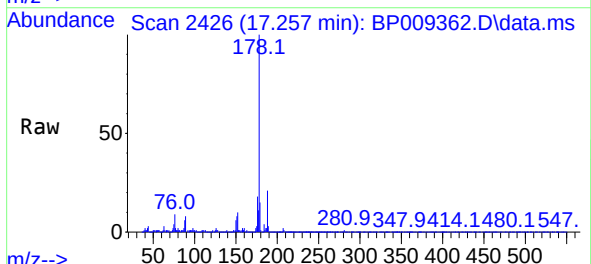
Manual Integrations
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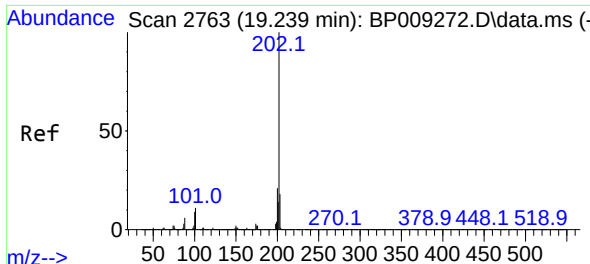
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022



#71
Phenanthrene
Concen: 2.083 ng
RT: 17.257 min Scan# 2426
Delta R.T. -0.006 min
Lab File: BP009362.D
Acq: 11 Mar 2022 13:29

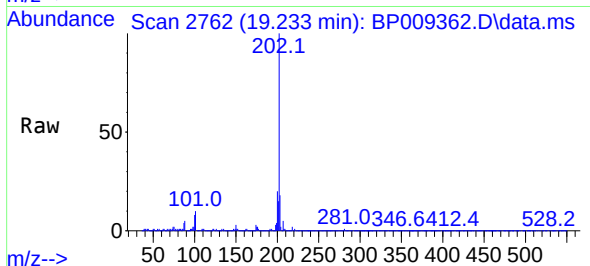
Tgt Ion:178 Resp: 210988
Ion Ratio Lower Upper
178 100
176 18.5 15.4 23.2
179 14.9 12.3 18.5





#75
Fluoranthene
Concen: 4.105 ng
RT: 19.233 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009362.D
Acq: 11 Mar 2022 13:29

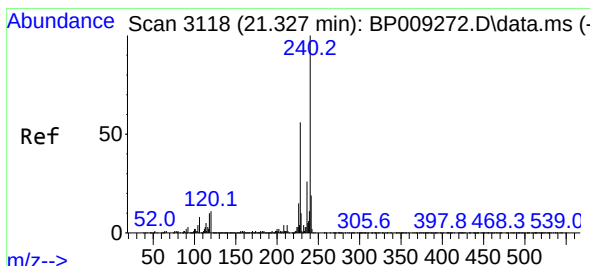
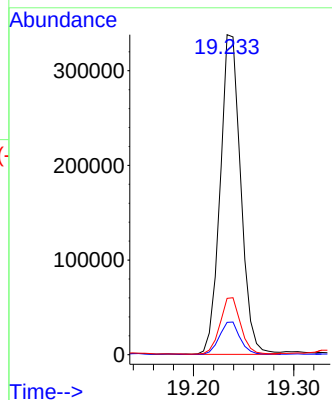
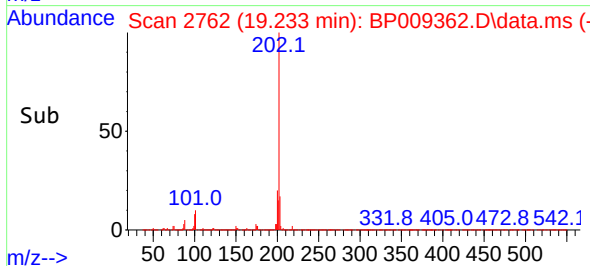
Instrument :
BNA_P
ClientSampleId :
MB-B1-030922-2-4



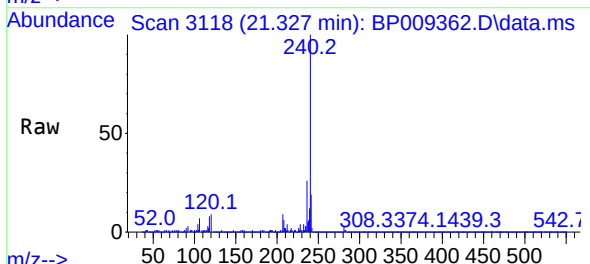
Tgt Ion: 202 Resp: 47996
Ion Ratio Lower Upper
202 100
101 10.1 0.0 31.5
203 17.6 0.0 37.8

Manual Integrations
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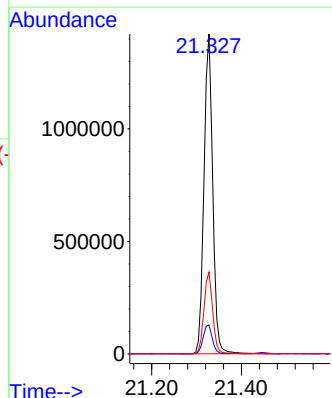
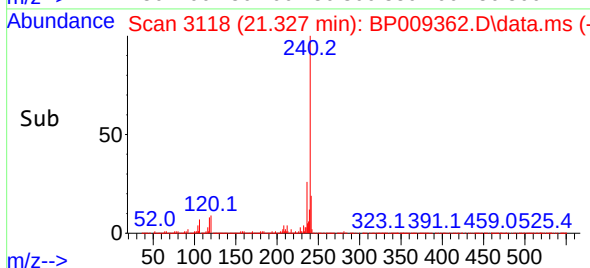
Reviewed By : Christian Giraldo 03/14/2022
Supervised By : Jagrut Upadhyay 03/14/2022

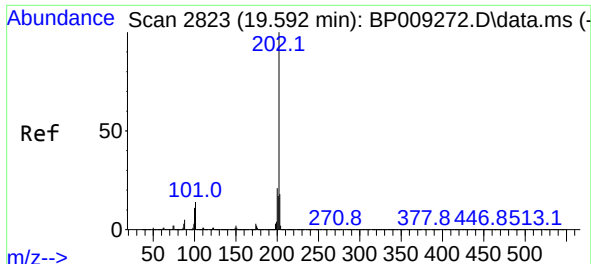


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.327 min Scan# 3118
Delta R.T. 0.000 min
Lab File: BP009362.D
Acq: 11 Mar 2022 13:29



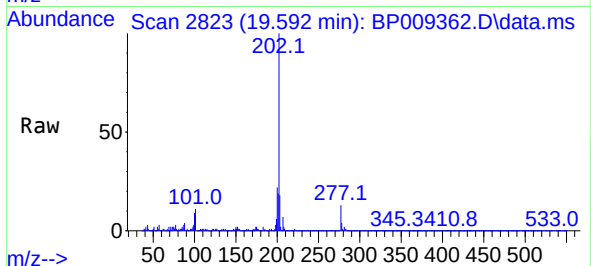
Tgt Ion: 240 Resp: 1921198
Ion Ratio Lower Upper
240 100
120 9.1 9.0 13.4
236 25.6 20.6 30.8





#78
Pyrene
Concen: 3.526 ng
RT: 19.592 min Scan# 2823
Delta R.T. 0.000 min
Lab File: BP009362.D
Acq: 11 Mar 2022 13:29

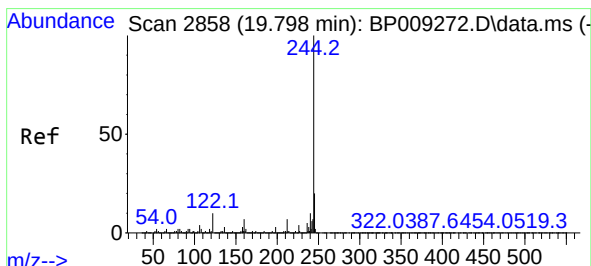
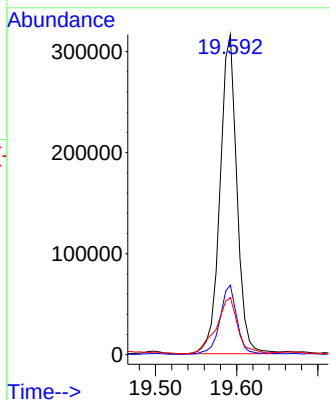
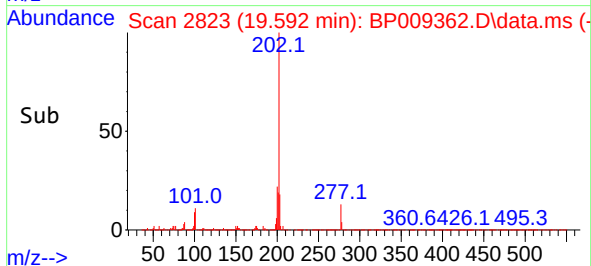
Instrument :
BNA_P
ClientSampleId :
MB-B1-030922-2-4



Tgt Ion:202 Resp: 45736
Ion Ratio Lower Upper
202 100
200 21.7 16.8 25.2
203 17.9 14.2 21.4

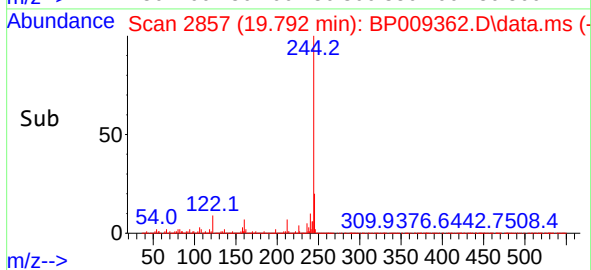
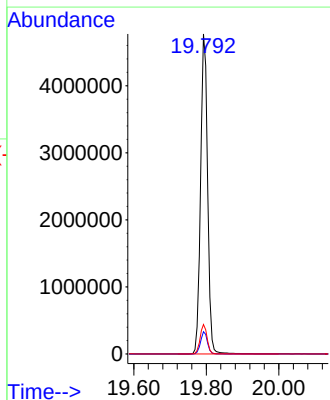
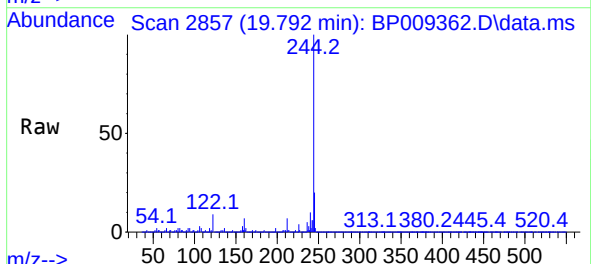
Manual Integrations
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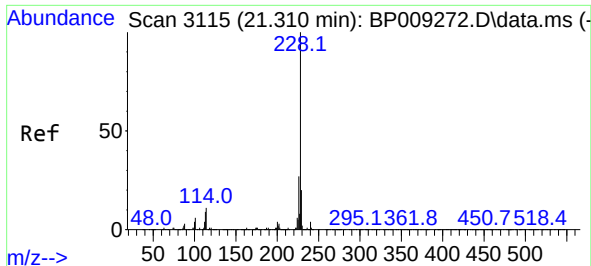
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022



#79
Terphenyl-d14
Concen: 62.674 ng
RT: 19.792 min Scan# 2857
Delta R.T. -0.006 min
Lab File: BP009362.D
Acq: 11 Mar 2022 13:29

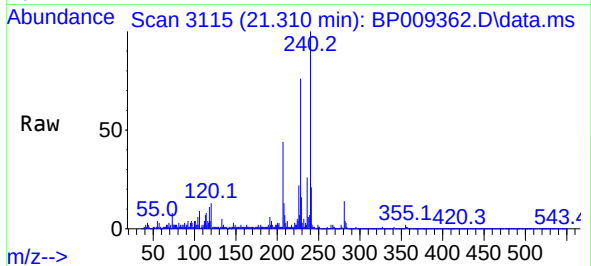
Tgt Ion:244 Resp: 6380591
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.6
122 9.2 8.3 12.5





#81
Benzo(a)anthracene
Concen: 2.239 ng
RT: 21.310 min Scan# 3115
Delta R.T. 0.000 min
Lab File: BP009362.D
Acq: 11 Mar 2022 13:29

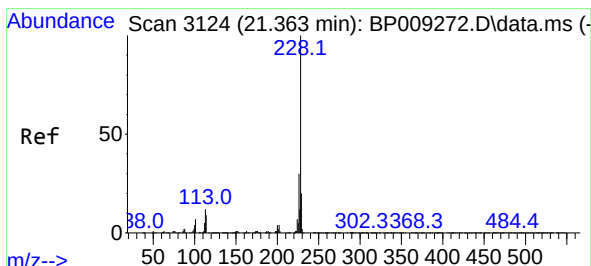
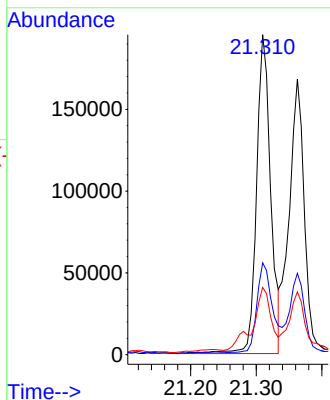
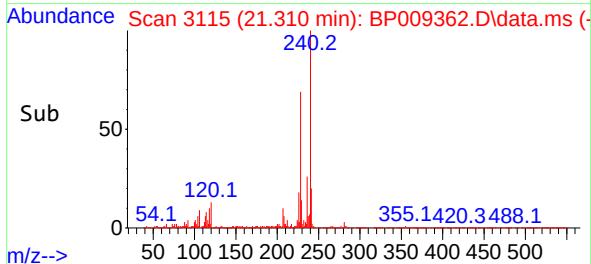
Instrument :
BNA_P
ClientSampleId :
MB-B1-030922-2-4



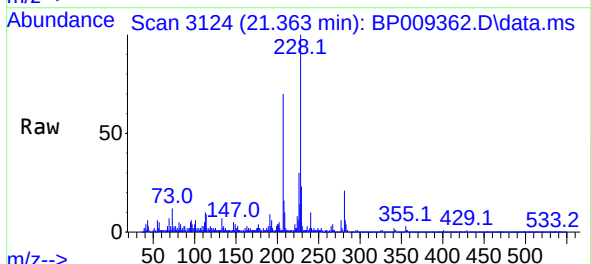
Tgt Ion:228 Resp: 29157
Ion Ratio Lower Upper
228 100
226 28.7 22.0 33.0
229 21.0 16.1 24.1

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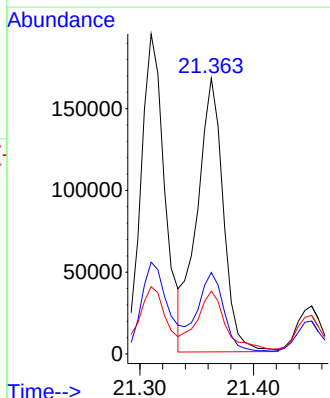
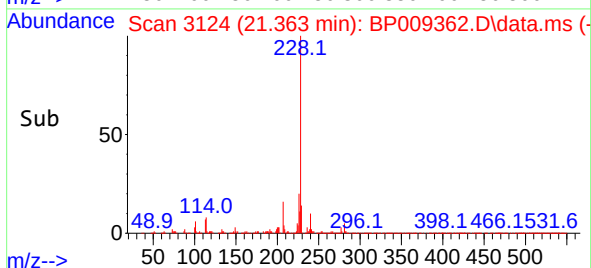
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022

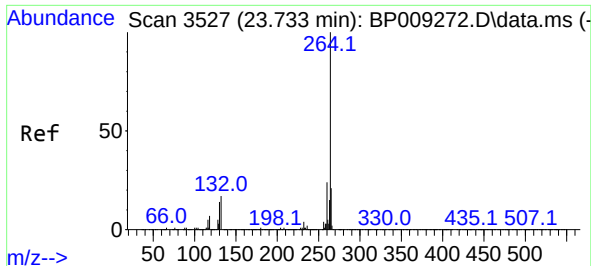


#83
Chrysene
Concen: 2.130 ng
RT: 21.363 min Scan# 3124
Delta R.T. 0.000 min
Lab File: BP009362.D
Acq: 11 Mar 2022 13:29



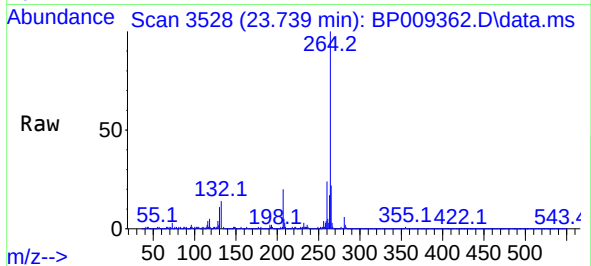
Tgt Ion:228 Resp: 269326
Ion Ratio Lower Upper
228 100
226 29.5 24.2 36.2
229 22.8 16.1 24.1





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.739 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP009362.D
Acq: 11 Mar 2022 13:29

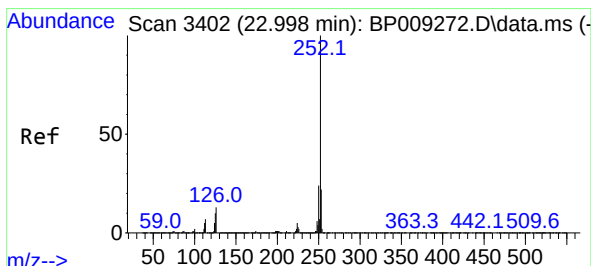
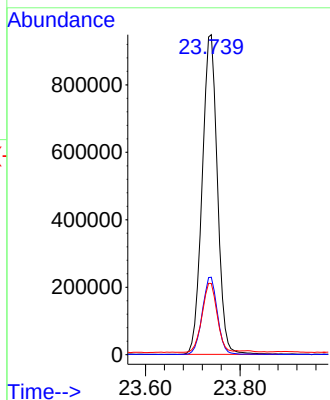
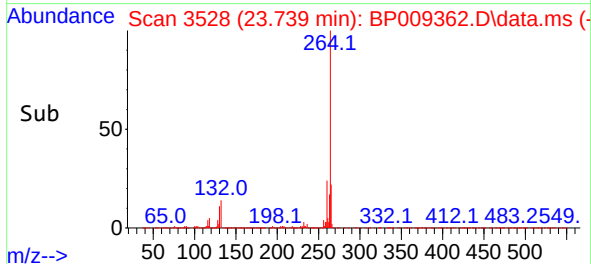
Instrument :
BNA_P
ClientSampleId :
MB-B1-030922-2-4



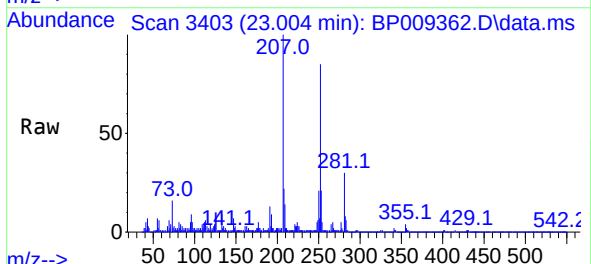
Tgt Ion:264 Resp: 211302
Ion Ratio Lower Upper
264 100
260 24.2 19.4 29.0
265 22.3 17.2 25.8

Manual Integrations
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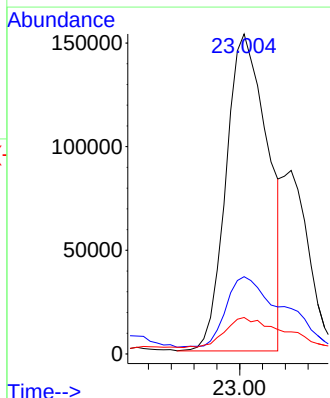
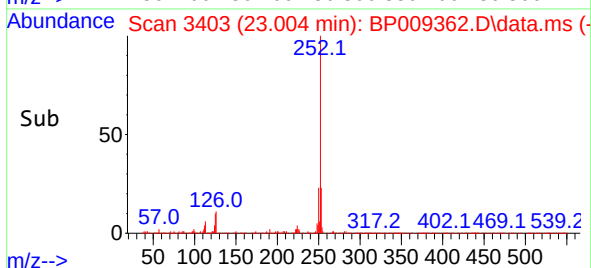
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022

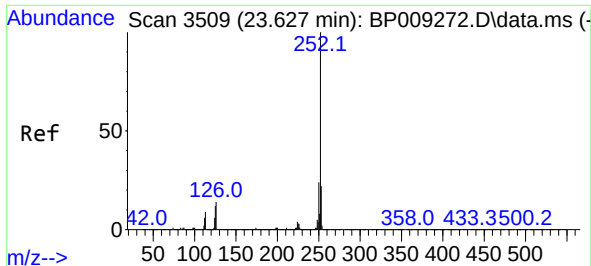


#88
Benzo(b)fluoranthene
Concen: 2.717 ng m
RT: 23.004 min Scan# 3403
Delta R.T. 0.006 min
Lab File: BP009362.D
Acq: 11 Mar 2022 13:29



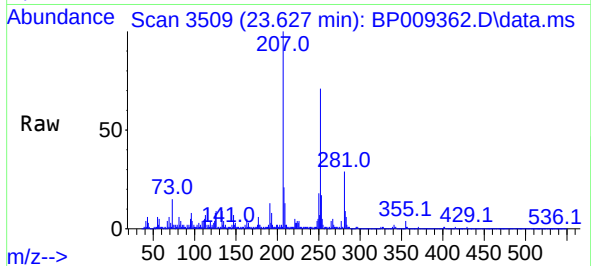
Tgt Ion:252 Resp: 387701
Ion Ratio Lower Upper
252 100
253 24.1 17.8 26.8
125 11.4 8.1 12.1





#90
Benzo(a)pyrene
Concen: 2.115 ng
RT: 23.627 min Scan# 3509
Delta R.T. 0.000 min
Lab File: BP009362.D
Acq: 11 Mar 2022 13:29

Instrument :
BNA_P
ClientSampleId :
MB-B1-030922-2-4



Tgt Ion:252 Resp: 286208
Ion Ratio Lower Upper
252 100
253 24.4 17.8 26.6
125 11.8 9.3 13.9

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022

