

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030922\
 Data File : BP009337.D
 Acq On : 09 Mar 2022 22:39
 Operator : CG/JU
 Sample : N1845-04 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SAMPLE-4

Manual Integrations
 APPROVED

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

Quant Time: Mar 10 04:12:33 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	7.822	152	407016	20.000	ng	0.00
21) Naphthalene-d8	10.610	136	1804245	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	1266911	20.000	ng	0.00
64) Phenanthrene-d10	17.216	188	2997889	20.000	ng	0.00
76) Chrysene-d12	21.327	240	3462179	20.000	ng	0.00
86) Perylene-d12	23.733	264	3379011	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	431268	15.467	ng	0.00
7) Phenol-d6	6.987	99	1207503	34.077	ng	0.00
23) Nitrobenzene-d5	8.969	82	777207	23.726	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	90034	5.885	ng	0.00
45) 2-Fluorobiphenyl	13.081	172	2056336	22.321	ng	0.00
79) Terphenyl-d14	19.792	244	4548064	24.790	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.257	178	438916	2.548	ng	98
75) Fluoranthene	19.239	202	919186	4.622	ng	98
78) Pyrene	19.586	202	854615	3.656	ng	99
81) Benzo(a)anthracene	21.310	228	474886	2.024	ng	93
88) Benzo(b)fluoranthene	22.998	252	563403m	2.469	ng	

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

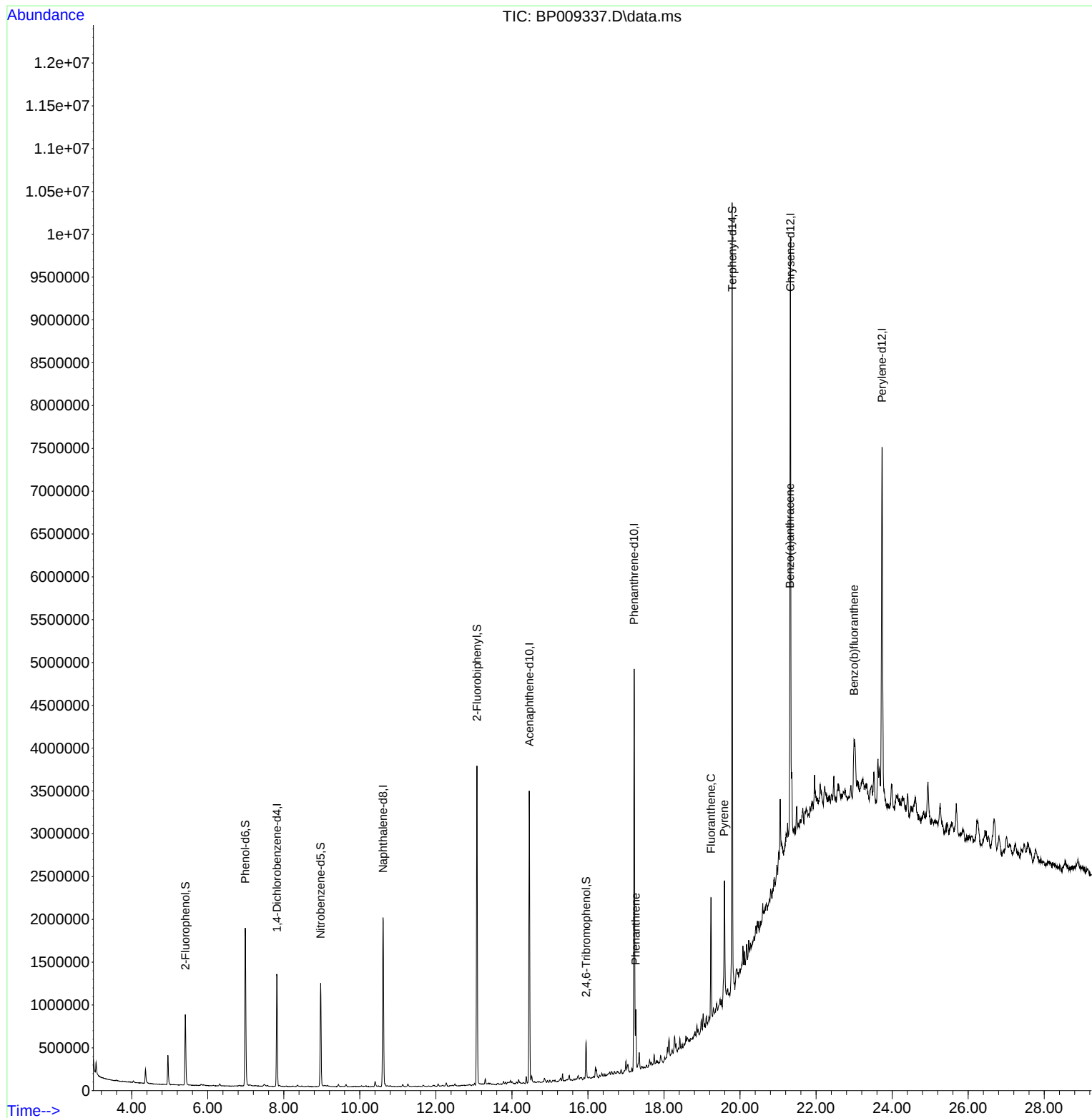
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Data File : BP009337.D
Acq On : 09 Mar 2022 22:39
Operator : CG/JU
Sample : N1845-04 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

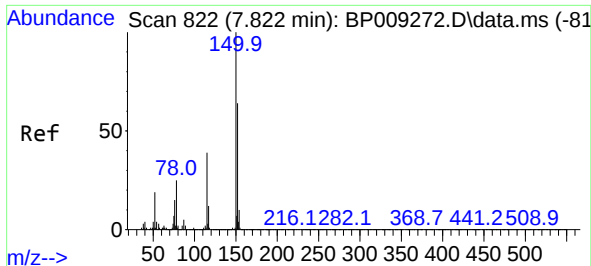
Instrument :
BNA_P
ClientSampleId :
SAMPLE-4

Quant Time: Mar 10 04:12:33 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

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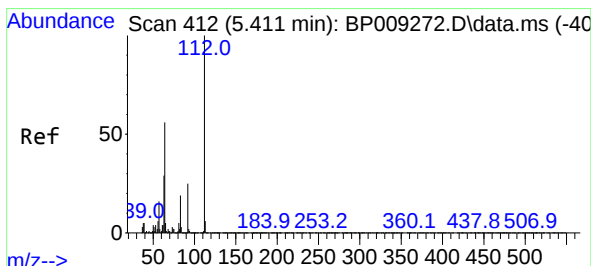
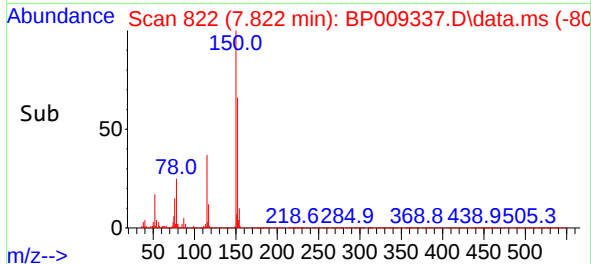
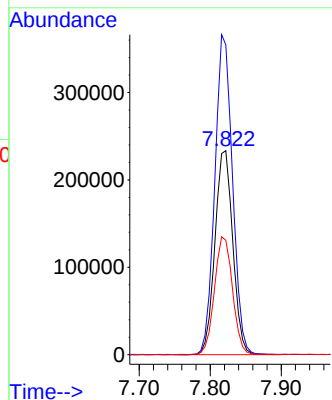
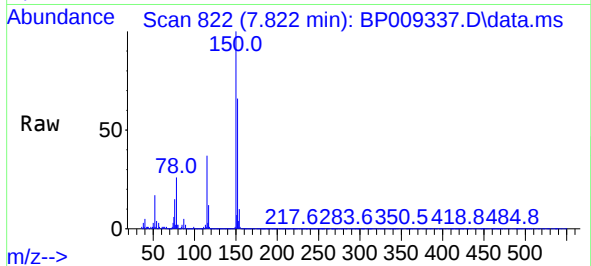
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.822 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP009337.D
Acq: 09 Mar 2022 22:39

Instrument :
BNA_P
ClientSampleId :
SAMPLE-4

Tgt Ion:152 Resp: 407010
Ion Ratio Lower Upper
152 100
150 151.9 124.5 186.7
115 56.1 48.2 72.4

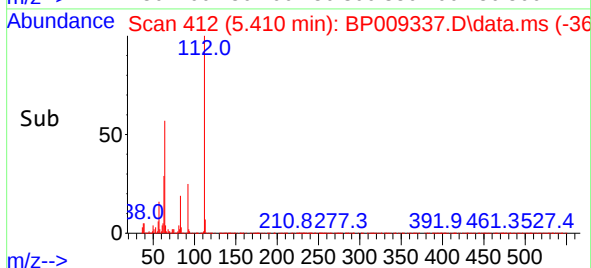
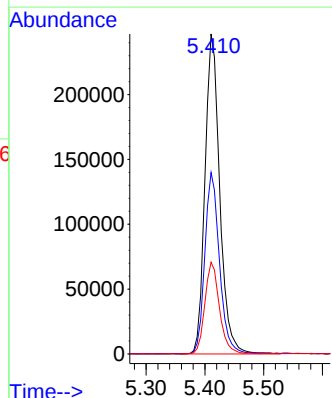
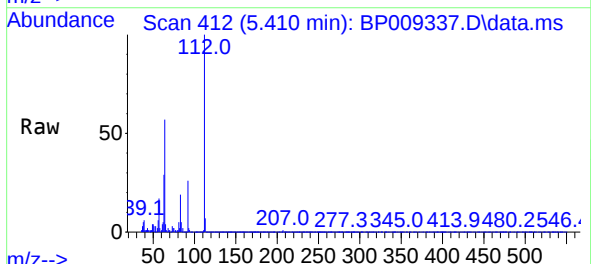
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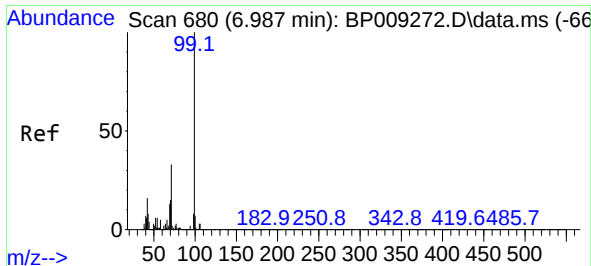
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#5
2-Fluorophenol
Concen: 15.467 ng
RT: 5.410 min Scan# 412
Delta R.T. -0.001 min
Lab File: BP009337.D
Acq: 09 Mar 2022 22:39

Tgt Ion:112 Resp: 431268
Ion Ratio Lower Upper
112 100
64 56.7 45.0 67.4
63 28.7 23.0 34.6





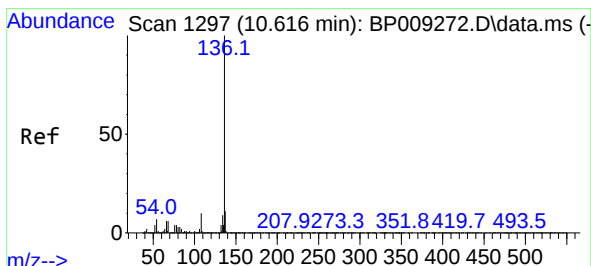
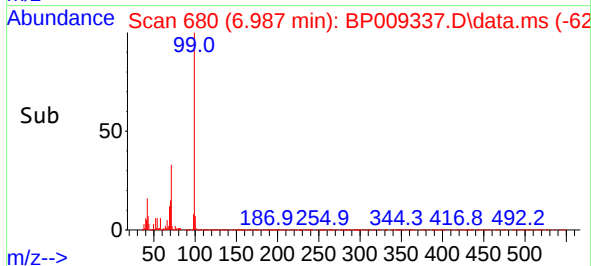
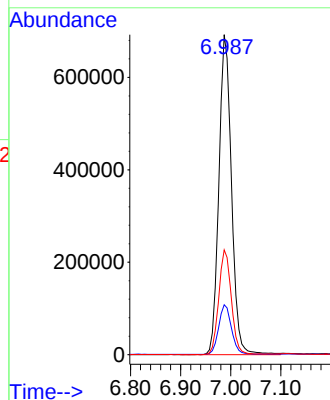
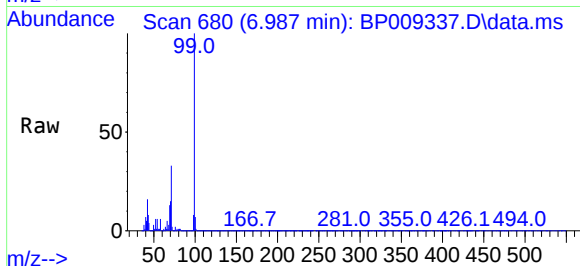
#7
Phenol-d6
Concen: 34.077 ng
RT: 6.987 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP009337.D
Acq: 09 Mar 2022 22:39

Instrument :
BNA_P
ClientSampleId :
SAMPLE-4

Tgt Ion: 99 Resp: 120750
Ion Ratio Lower Upper
99 100
42 15.6 12.8 19.2
71 32.8 26.3 39.5

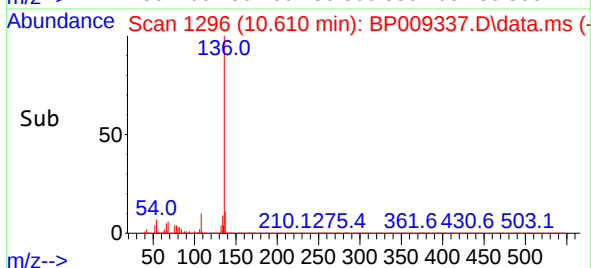
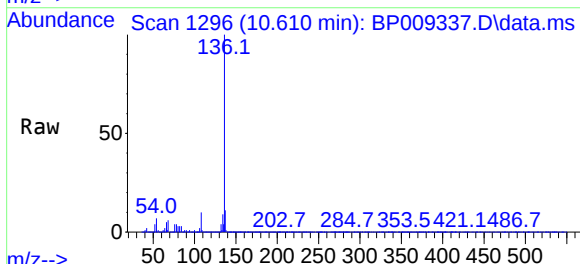
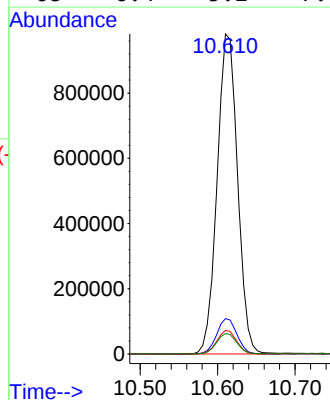
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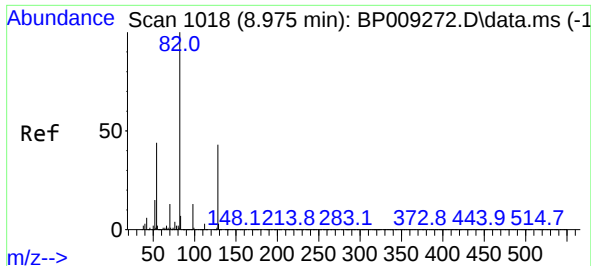
Reviewed By :Christian Giraldo 03/10/2022
Supervised By :Jagrut Upadhyay 03/10/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.610 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BP009337.D
Acq: 09 Mar 2022 22:39

Tgt Ion:136 Resp: 1804245
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 7.4 5.8 8.8
68 6.4 5.2 7.8





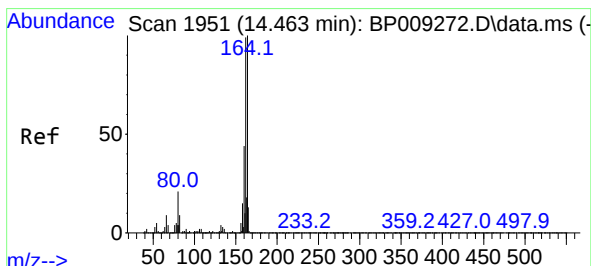
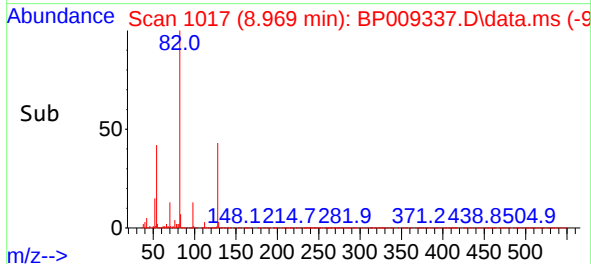
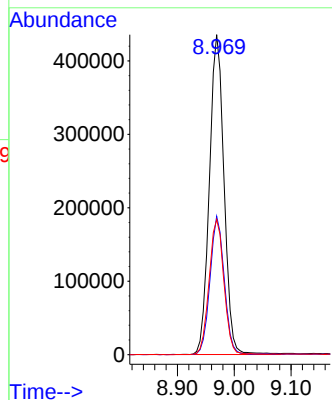
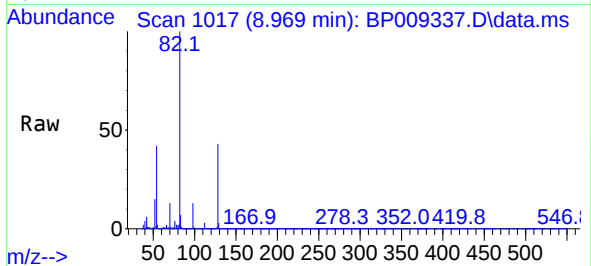
#23
Nitrobenzene-d5
Concen: 23.726 ng
RT: 8.969 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BP009337.D
Acq: 09 Mar 2022 22:39

Instrument :
BNA_P
ClientSampleId :
SAMPLE-4

Tgt Ion: 82 Resp: 77720
Ion Ratio Lower Upper
82 100
128 43.2 34.2 51.4
54 42.3 34.7 52.1

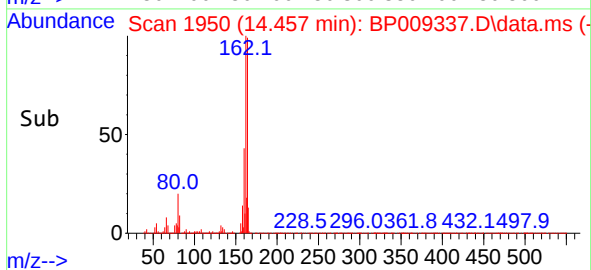
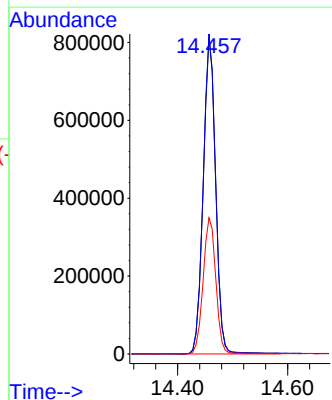
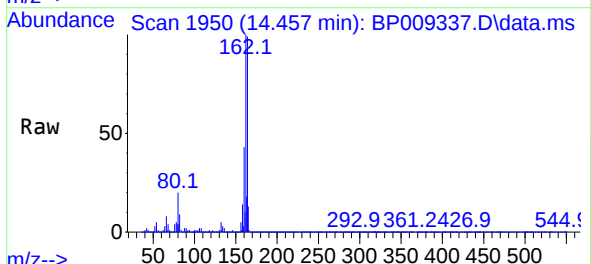
Manual Integrations
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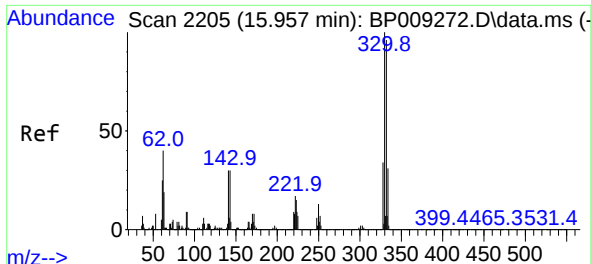
Reviewed By :Christian Giraldo 03/10/2022
Supervised By :Jagrut Upadhyay 03/10/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BP009337.D
Acq: 09 Mar 2022 22:39

Tgt Ion:164 Resp: 1266911
Ion Ratio Lower Upper
164 100
162 101.2 79.1 118.7
160 43.0 34.9 52.3





#42
2,4,6-Tribromophenol
Concen: 5.885 ng
RT: 15.951 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009337.D
Acq: 09 Mar 2022 22:39

Instrument :

BNA_P

ClientSampleId :

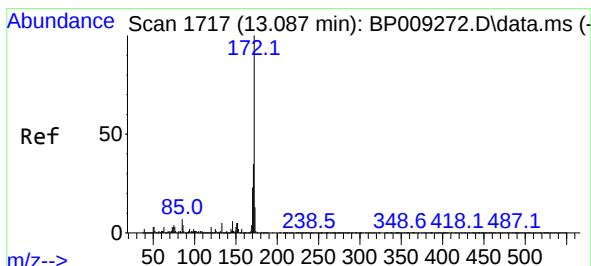
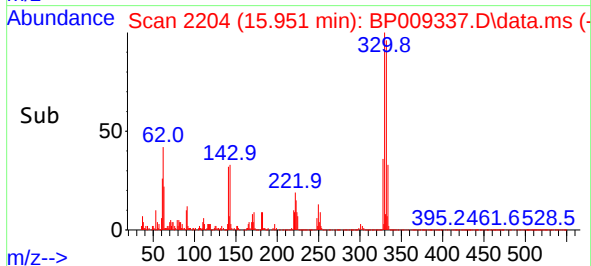
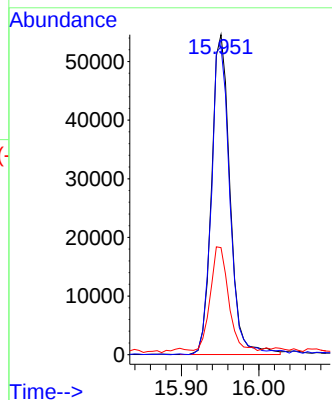
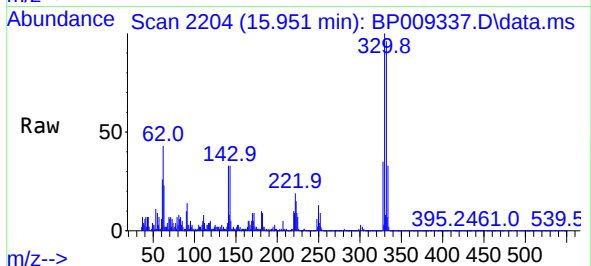
SAMPLE-4

Tgt Ion:330 Resp: 90034
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.6
141 33.1 27.6 41.4

Manual Integrations

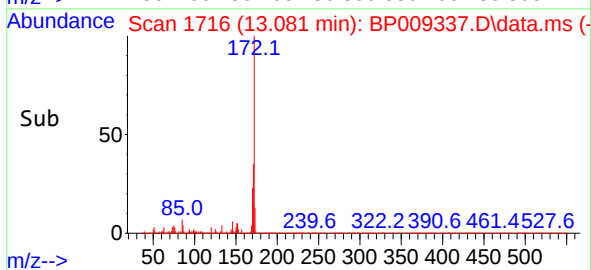
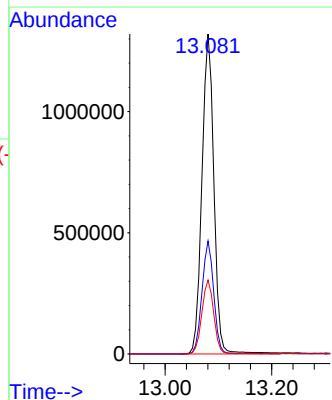
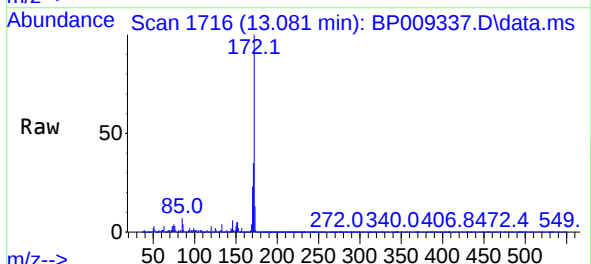
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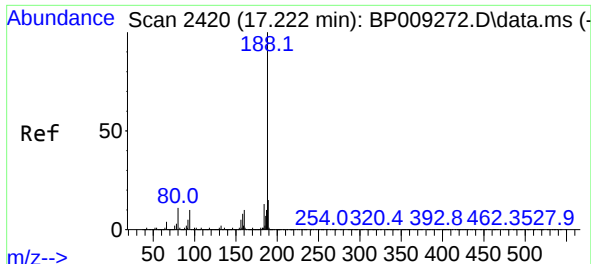
Reviewed By :Christian Giraldo 03/10/2022
Supervised By :Jagrut Upadhyay 03/10/2022



#45
2-Fluorobiphenyl
Concen: 22.321 ng
RT: 13.081 min Scan# 1716
Delta R.T. -0.006 min
Lab File: BP009337.D
Acq: 09 Mar 2022 22:39

Tgt Ion:172 Resp: 2056336
Ion Ratio Lower Upper
172 100
171 35.3 28.0 42.0
170 23.1 18.6 27.8





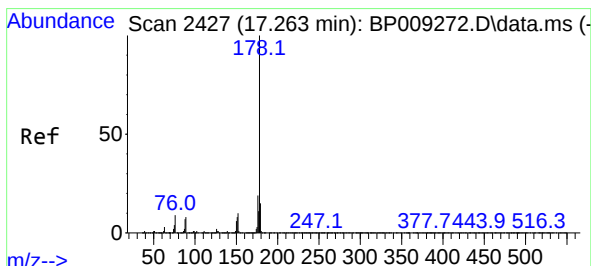
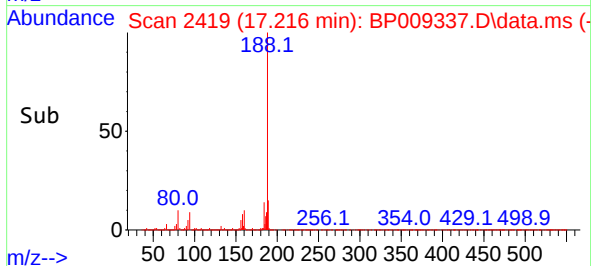
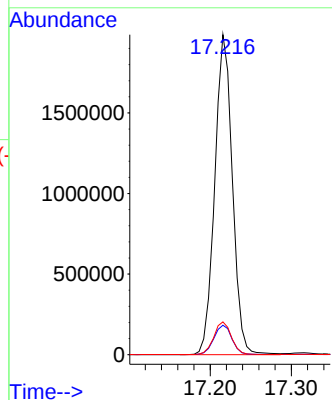
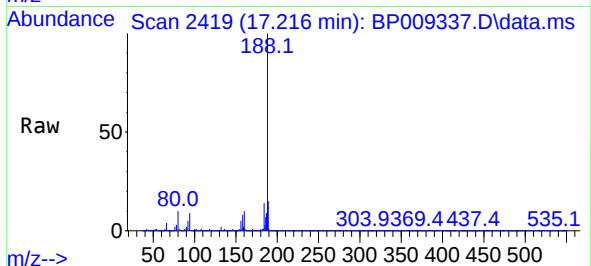
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.216 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BP009337.D
Acq: 09 Mar 2022 22:39

Instrument :
BNA_P
ClientSampleId :
SAMPLE-4

Tgt Ion:188 Resp: 2997889
Ion Ratio Lower Upper
188 100
94 9.2 7.9 11.9
80 10.3 8.8 13.2

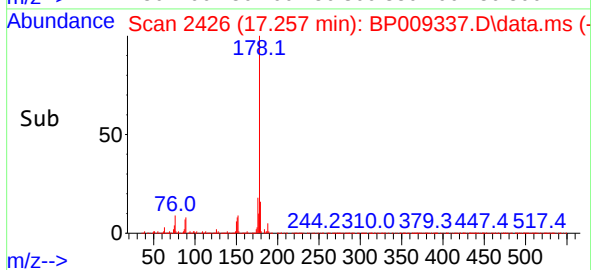
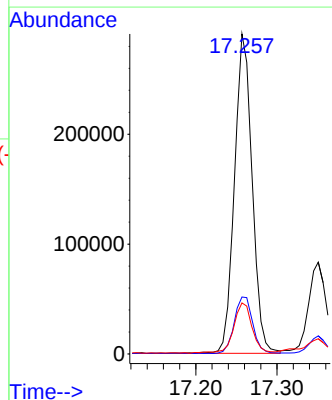
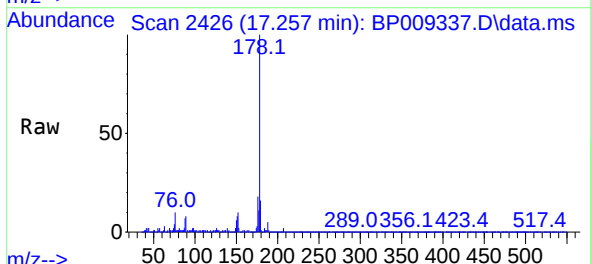
Manual Integrations
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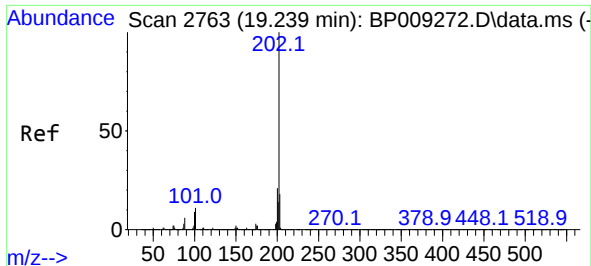
Reviewed By :Christian Giraldo 03/10/2022
Supervised By :Jagrut Upadhyay 03/10/2022



#71
Phenanthrene
Concen: 2.548 ng
RT: 17.257 min Scan# 2426
Delta R.T. -0.006 min
Lab File: BP009337.D
Acq: 09 Mar 2022 22:39

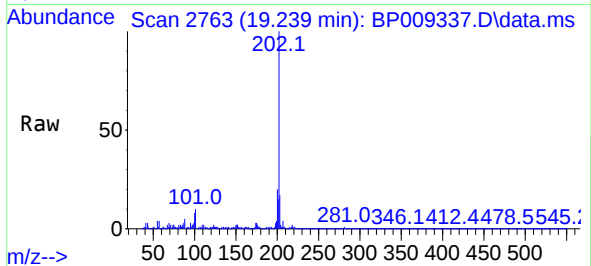
Tgt Ion:178 Resp: 438916
Ion Ratio Lower Upper
178 100
176 17.8 15.4 23.2
179 16.0 12.3 18.5





#75
Fluoranthene
Concen: 4.622 ng
RT: 19.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP009337.D
Acq: 09 Mar 2022 22:39

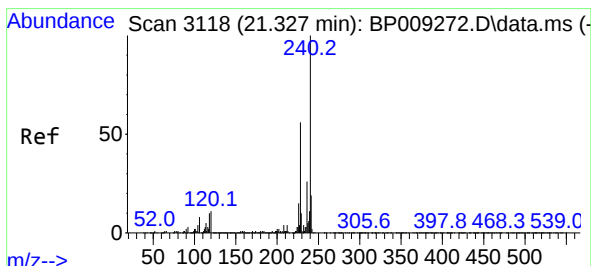
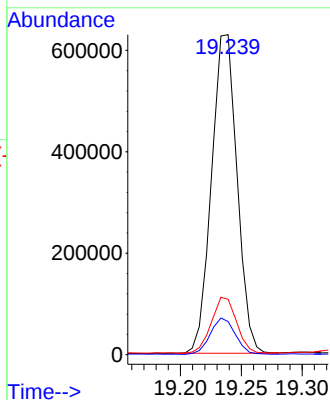
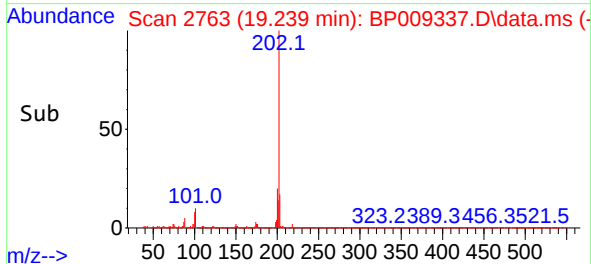
Instrument :
BNA_P
ClientSampleId :
SAMPLE-4



Tgt Ion:202 Resp: 919180
Ion Ratio Lower Upper
202 100
101 10.3 0.0 31.5
203 17.3 0.0 37.8

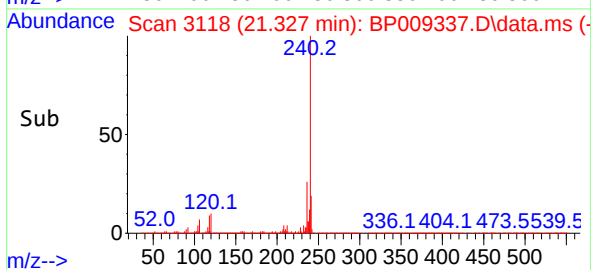
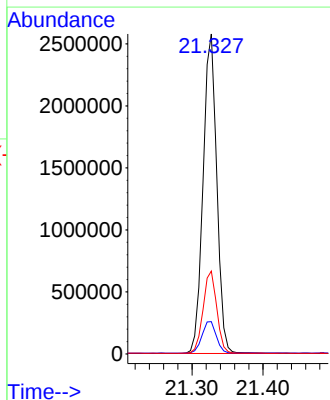
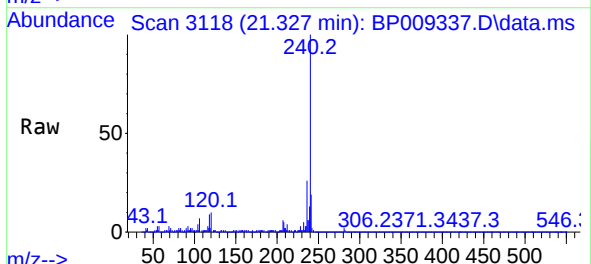
Manual Integrations
APPROVED

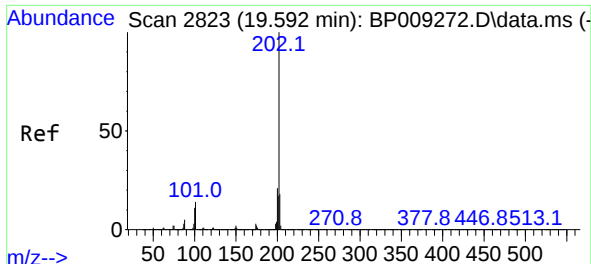
Reviewed By :Christian Giraldo 03/10/2022
Supervised By :Jagrut Upadhyay 03/10/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.327 min Scan# 3118
Delta R.T. -0.000 min
Lab File: BP009337.D
Acq: 09 Mar 2022 22:39

Tgt Ion:240 Resp: 3462179
Ion Ratio Lower Upper
240 100
120 10.1 9.0 13.4
236 25.9 20.6 30.8





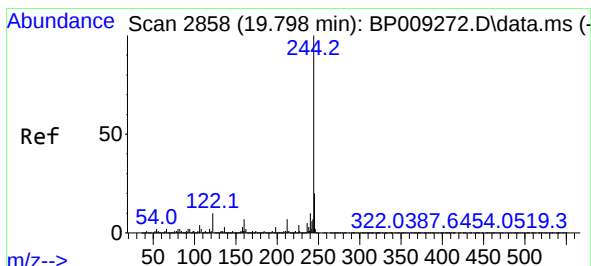
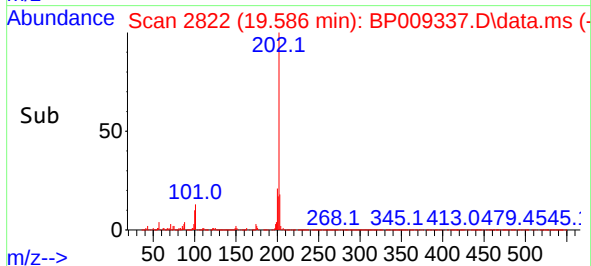
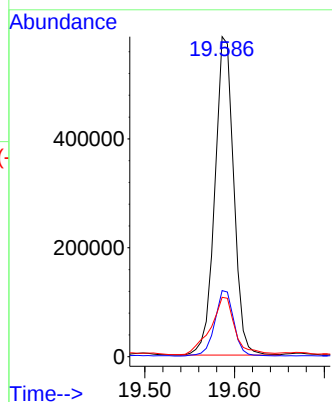
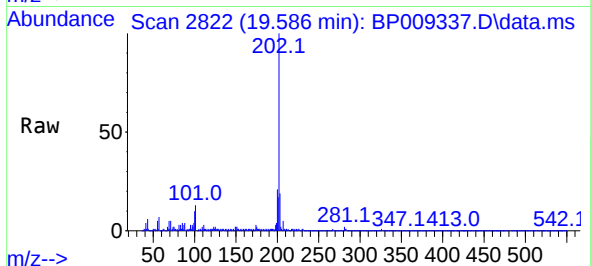
#78
Pyrene
Concen: 3.656 ng
RT: 19.586 min Scan# 2822
Delta R.T. -0.006 min
Lab File: BP009337.D
Acq: 09 Mar 2022 22:39

Instrument :
BNA_P
ClientSampleId :
SAMPLE-4

Tgt Ion:202 Resp: 854615
Ion Ratio Lower Upper
202 100
200 20.7 16.8 25.2
203 18.6 14.2 21.4

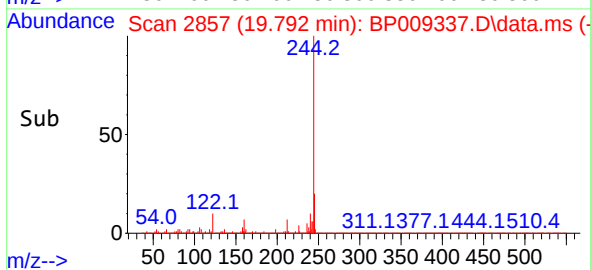
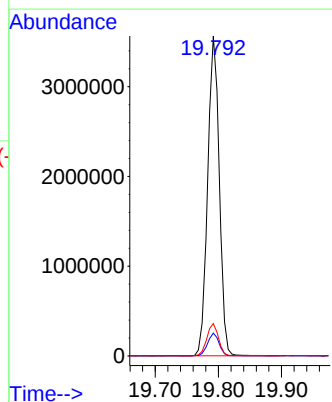
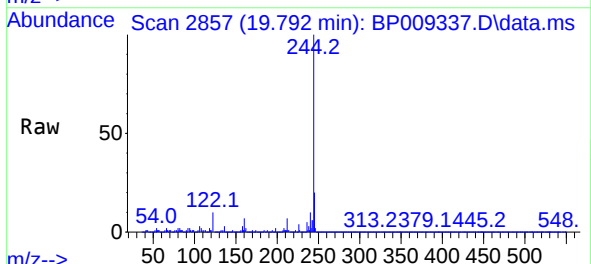
Manual Integrations
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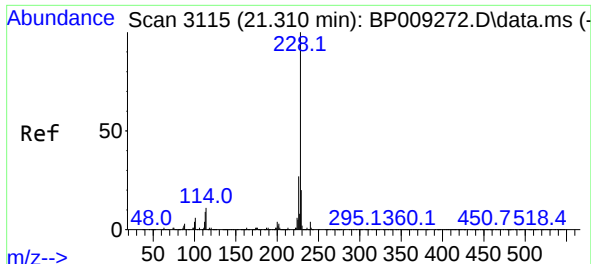
Reviewed By :Christian Giraldo 03/10/2022
Supervised By :Jagrut Upadhyay 03/10/2022



#79
Terphenyl-d14
Concen: 24.790 ng
RT: 19.792 min Scan# 2857
Delta R.T. -0.006 min
Lab File: BP009337.D
Acq: 09 Mar 2022 22:39

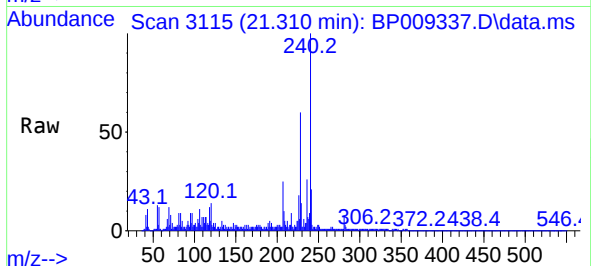
Tgt Ion:244 Resp: 4548064
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.6
122 10.1 8.3 12.5





#81
Benzo(a)anthracene
Concen: 2.024 ng
RT: 21.310 min Scan# 3115
Delta R.T. -0.000 min
Lab File: BP009337.D
Acq: 09 Mar 2022 22:39

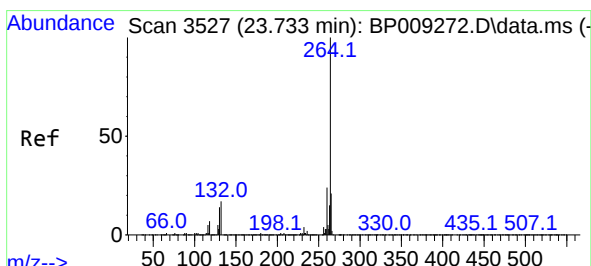
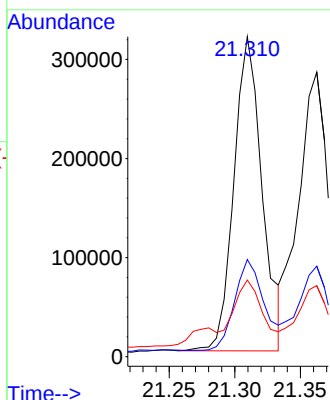
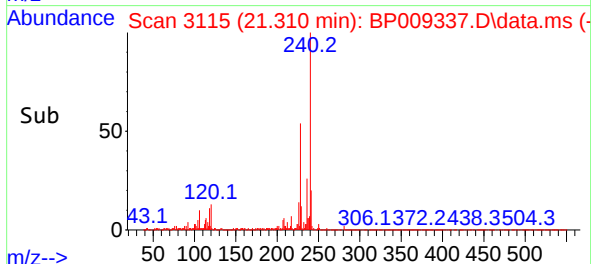
Instrument :
BNA_P
ClientSampleId :
SAMPLE-4



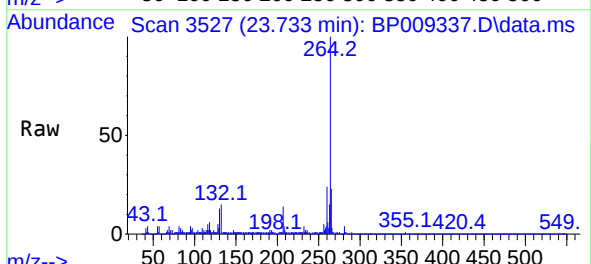
Tgt Ion:228 Resp: 474880
Ion Ratio Lower Upper
228 100
226 30.4 22.0 33.0
229 24.0 16.1 24.1

Manual Integrations
APPROVED

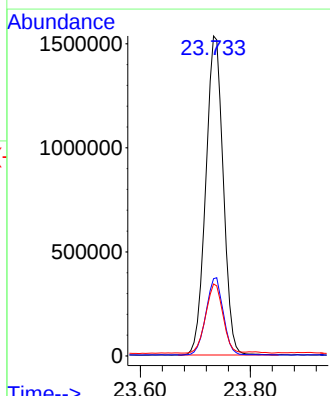
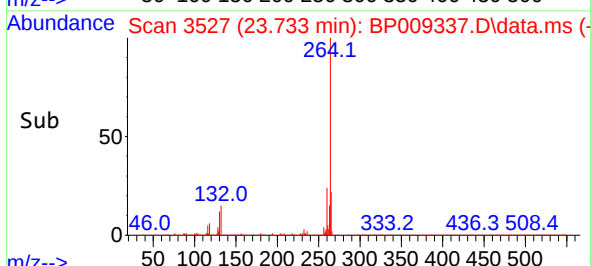
Reviewed By :Christian Giraldo 03/10/2022
Supervised By :Jagrut Upadhyay 03/10/2022

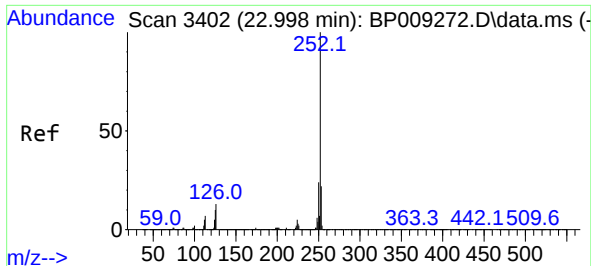


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.733 min Scan# 3527
Delta R.T. -0.000 min
Lab File: BP009337.D
Acq: 09 Mar 2022 22:39



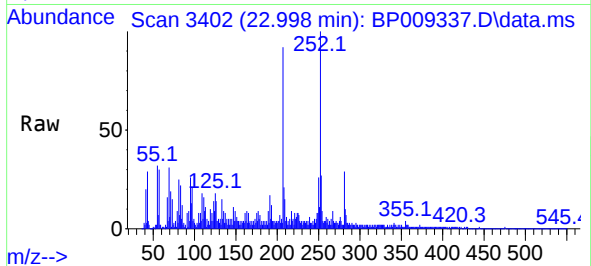
Tgt Ion:264 Resp: 3379011
Ion Ratio Lower Upper
264 100
260 24.1 19.4 29.0
265 22.5 17.2 25.8





#88
Benzo(b)fluoranthene
Concen: 2.469 ng m
RT: 22.998 min Scan# 34
Delta R.T. -0.000 min
Lab File: BP009337.D
Acq: 09 Mar 2022 22:39

Instrument :
BNA_P
ClientSampleId :
SAMPLE-4



Tgt Ion:252 Resp: 56340
Ion Ratio Lower Upper
252 100
253 27.0 17.8 26.8
125 18.4 8.1 12.1

Manual Integrations
APPROVED

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

