

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120721\
 Data File : BP008266.D
 Acq On : 08 Dec 2021 00:02
 Operator : CG/JU
 Sample : M4954-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-4(2.0-2.5)

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/08/2021
 Supervised By :Sohil Jodhani 12/10/2021

Quant Time: Dec 08 01:12:27 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 03 14:39:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	57354	20.000	ng	-0.02
21) Naphthalene-d8	10.581	136	209549	20.000	ng	-0.02
39) Acenaphthene-d10	14.434	164	137663	20.000	ng	-0.01
64) Phenanthrene-d10	17.198	188	323695	20.000	ng	-0.01
76) Chrysene-d12	21.298	240	413863	20.000	ng	-0.02
86) Perylene-d12	23.692	264	446413	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	333876	93.729	ng	-0.01
7) Phenol-d6	6.969	99	431694	89.774	ng	-0.02
23) Nitrobenzene-d5	8.946	82	284299	61.694	ng	-0.02
42) 2,4,6-Tribromophenol	15.934	330	188511	107.135	ng	-0.02
45) 2-Fluorobiphenyl	13.051	172	578472	61.037	ng	-0.02
79) Terphenyl-d14	19.769	244	1162857	58.722	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	17.239	178	57197	3.347	ng	100
75) Fluoranthene	19.216	202	169607	7.367	ng	98
78) Pyrene	19.569	202	174891	4.374	ng	99
81) Benzo(a)anthracene	21.286	228	132013	4.813	ng	97
83) Chrysene	21.339	228	137627	5.273	ng	97
87) Indeno(1,2,3-cd)pyrene	26.186	276	135850	4.183	ng	# 95
88) Benzo(b)fluoranthene	22.969	252	224746	8.351	ng	100
89) Benzo(k)fluoranthene	23.010	252	81961m	3.111	ng	
90) Benzo(a)pyrene	23.586	252	154092	6.699	ng	97
92) Benzo(g,h,i)perylene	26.951	276	140084	5.148	ng	100

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

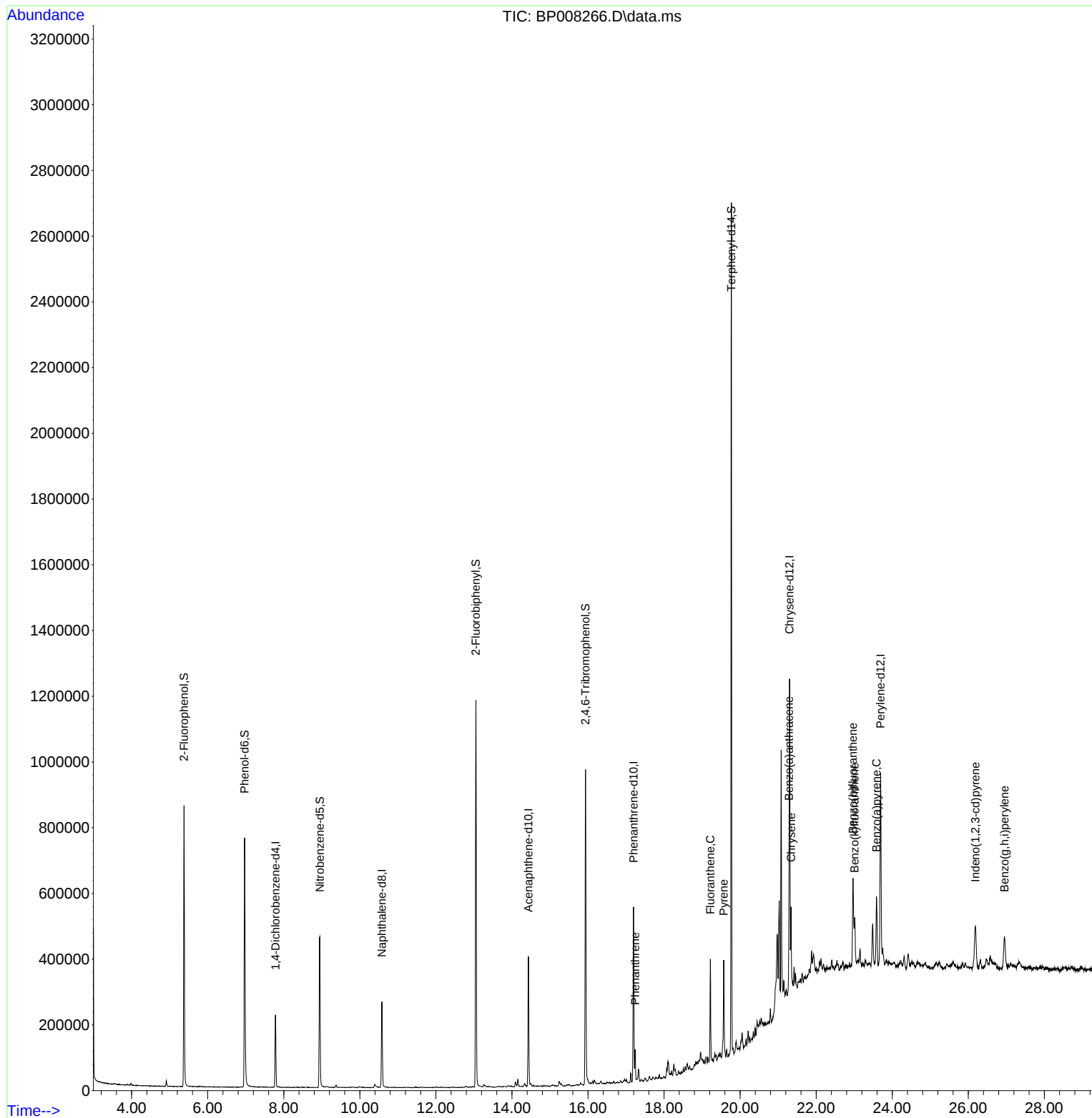
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120721\
Data File : BP008266.D
Acq On : 08 Dec 2021 00:02
Operator : CG/JU
Sample : M4954-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

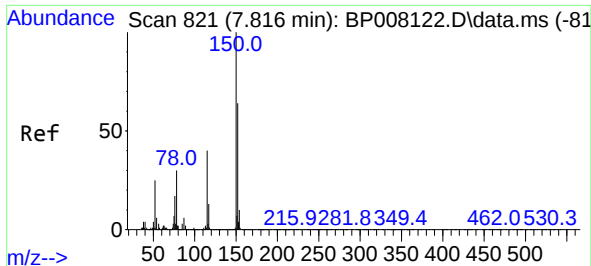
Instrument :
BNA_P
ClientSampleId :
SB-4(2.0-2.5)

Quant Time: Dec 08 01:12:27 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 03 14:39:24 2021
Response via : Initial Calibration

Manual Integrations
APPROVED

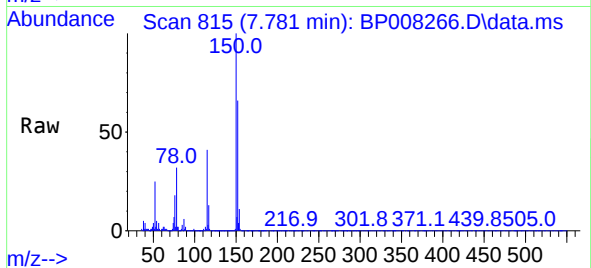
Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :Sohil Jodhani 12/10/2021





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.781 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP008266.D
Acq: 08 Dec 2021 00:02

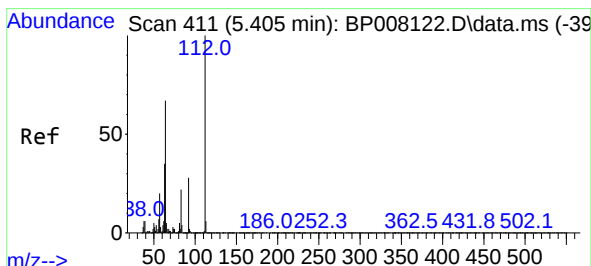
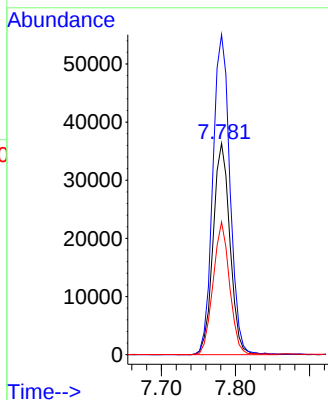
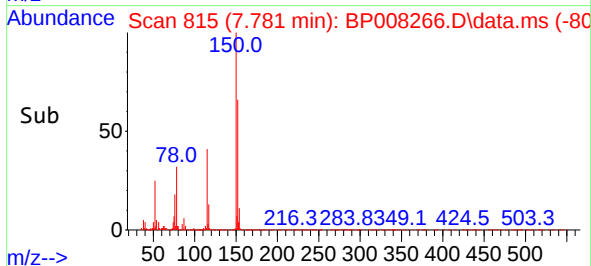
Instrument :
BNA_P
ClientSampleId :
SB-4(2.0-2.5)



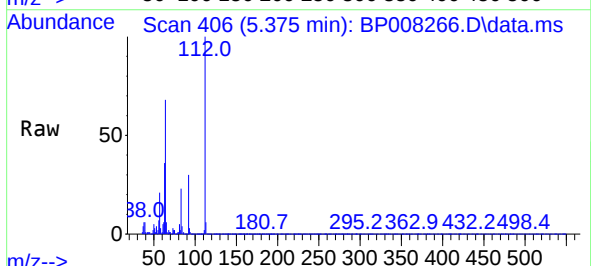
Tgt Ion:152 Resp: 57354
Ion Ratio Lower Upper
152 100
150 151.4 125.7 188.5
115 62.8 50.7 76.1

Manual Integrations
APPROVED

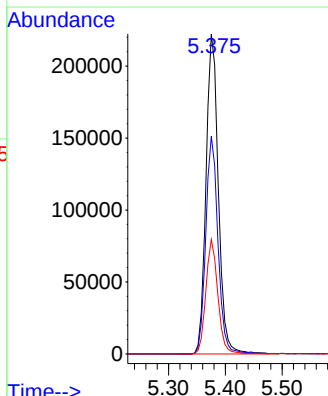
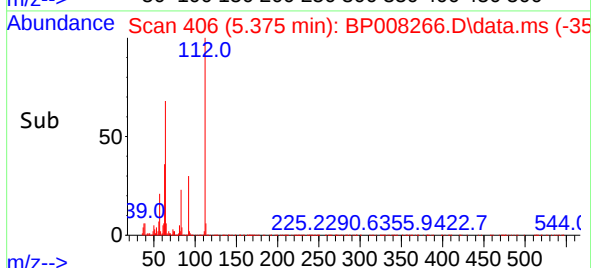
Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :Sohil Jodhani 12/10/2021

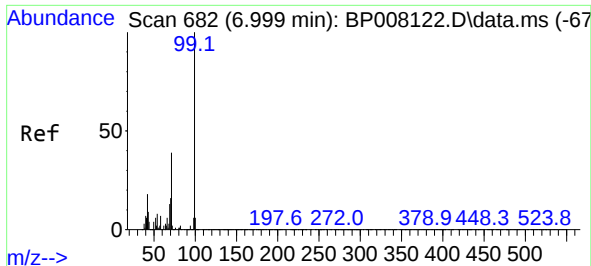


#5
2-Fluorophenol
Concen: 93.729 ng
RT: 5.375 min Scan# 406
Delta R.T. -0.012 min
Lab File: BP008266.D
Acq: 08 Dec 2021 00:02



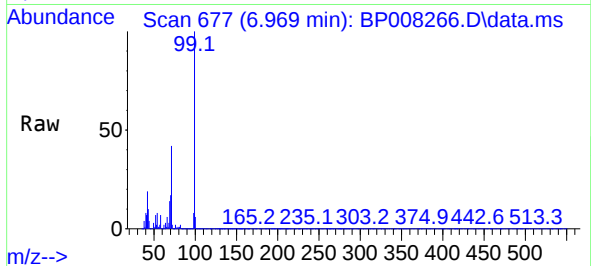
Tgt Ion:112 Resp: 333876
Ion Ratio Lower Upper
112 100
64 68.0 53.4 80.2
63 35.7 27.8 41.8





#7
Phenol-d6
Concen: 89.774 ng
RT: 6.969 min Scan# 61
Delta R.T. -0.018 min
Lab File: BP008266.D
Acq: 08 Dec 2021 00:02

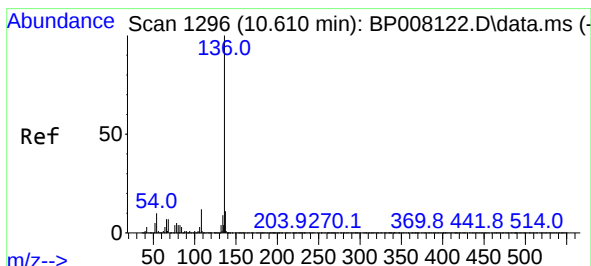
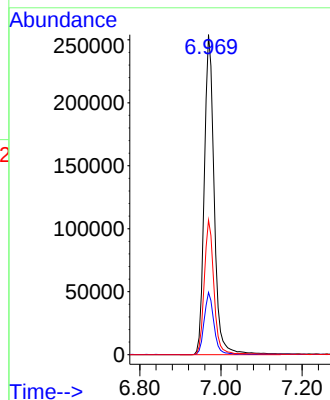
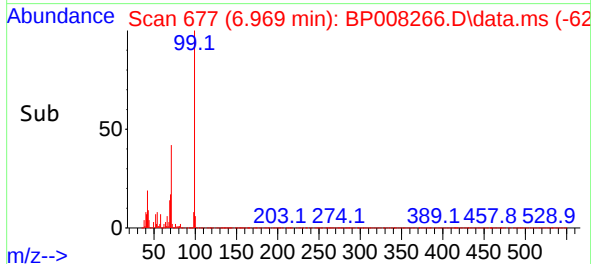
Instrument :
BNA_P
ClientSampleId :
SB-4(2.0-2.5)



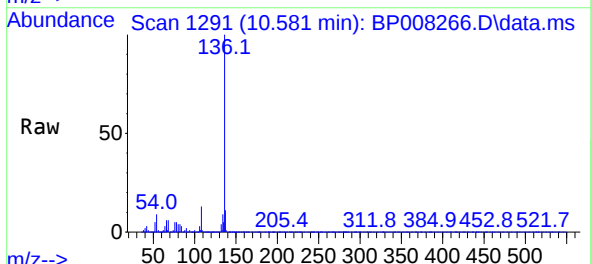
Tgt Ion: 99 Resp: 431694
Ion Ratio Lower Upper
99 100
42 19.5 14.6 22.0
71 42.0 31.1 46.7

Manual Integrations
APPROVED

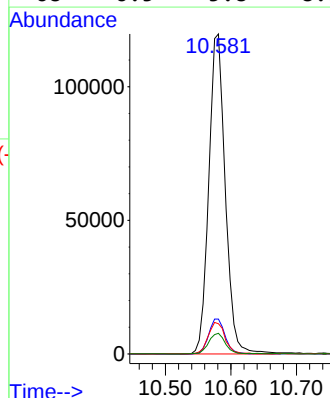
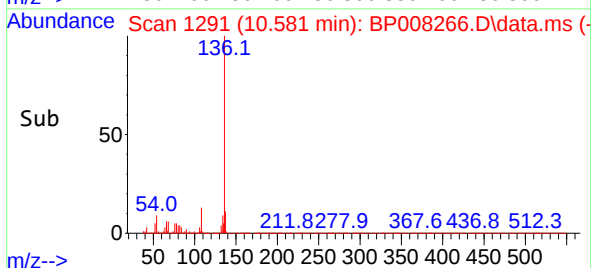
Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :Sohil Jodhani 12/10/2021

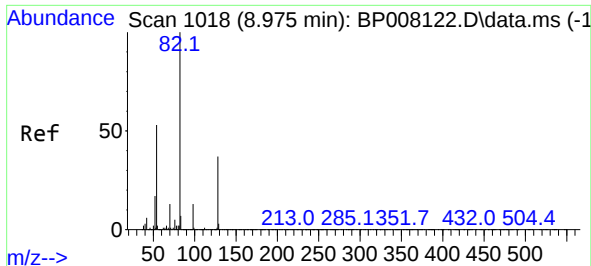


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.581 min Scan# 1291
Delta R.T. -0.018 min
Lab File: BP008266.D
Acq: 08 Dec 2021 00:02



Tgt Ion:136 Resp: 209549
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.6
54 9.5 8.2 12.4
68 6.5 5.8 8.8





#23
Nitrobenzene-d5
Concen: 61.694 ng
RT: 8.946 min Scan# 1018
Delta R.T. -0.018 min
Lab File: BP008266.D
Acq: 08 Dec 2021 00:02

Instrument :

BNA_P

ClientSampleId :

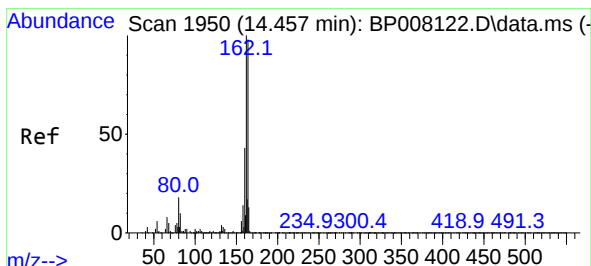
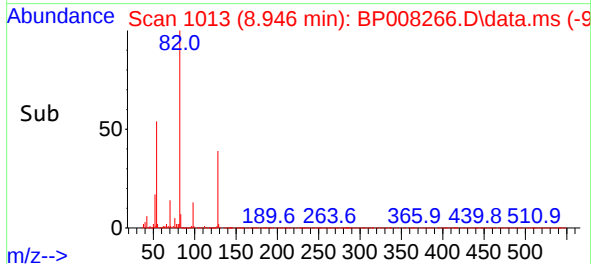
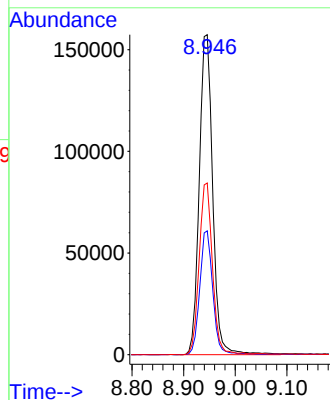
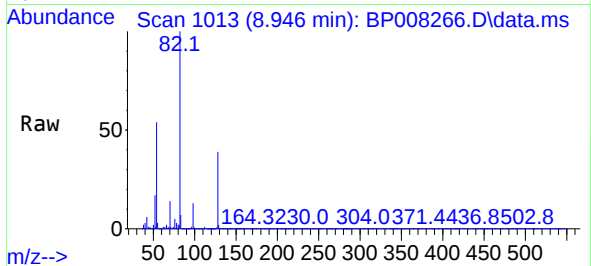
SB-4(2.0-2.5)

Tgt Ion: 82 Resp: 284295
Ion Ratio Lower Upper
82 100
128 38.7 29.6 44.4
54 53.6 42.7 64.1

Manual Integrations

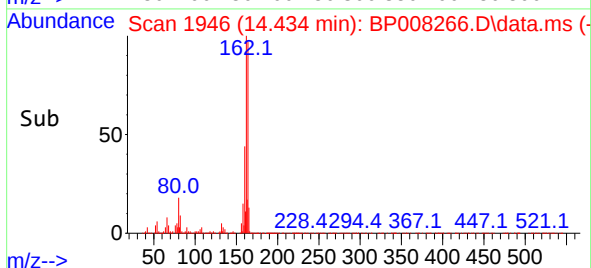
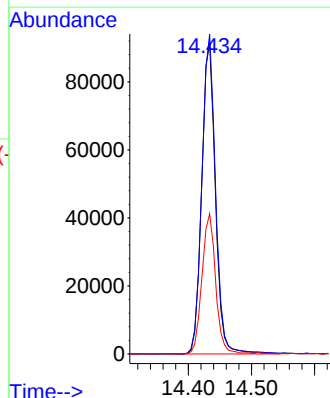
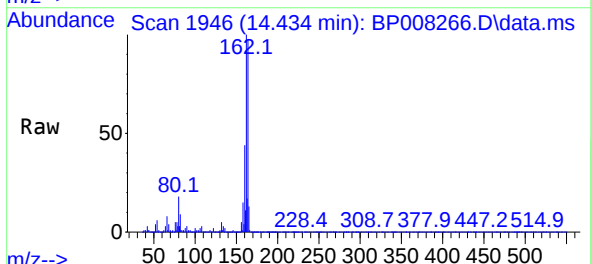
APPROVED

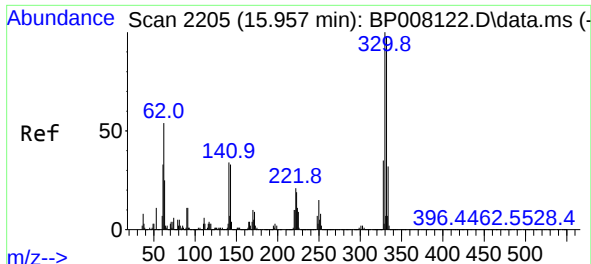
Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :Sohil Jodhani 12/10/2021



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.434 min Scan# 1946
Delta R.T. -0.012 min
Lab File: BP008266.D
Acq: 08 Dec 2021 00:02

Tgt Ion:164 Resp: 137663
Ion Ratio Lower Upper
164 100
162 103.1 81.9 122.9
160 45.2 35.4 53.0





#42
2,4,6-Tribromophenol
Concen: 107.135 ng
RT: 15.934 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP008266.D
Acq: 08 Dec 2021 00:02

Instrument :

BNA_P

ClientSampleId :

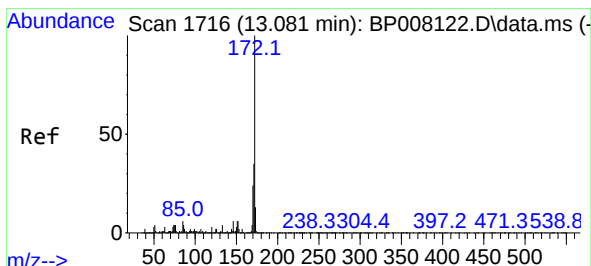
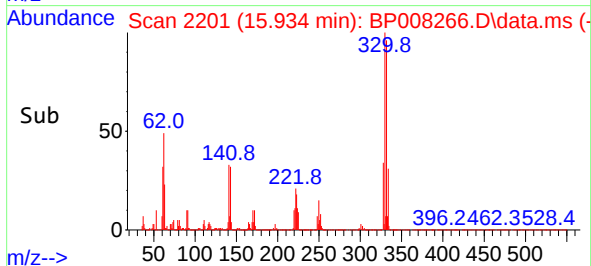
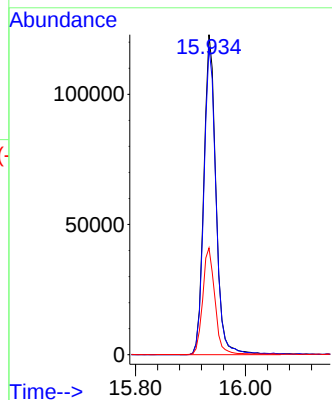
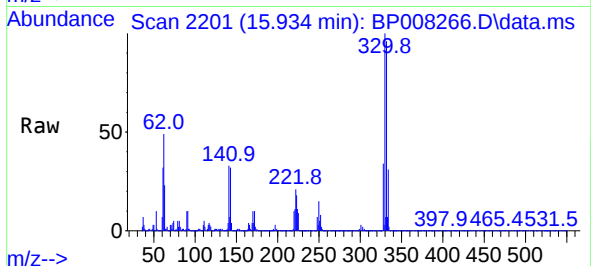
SB-4(2.0-2.5)

Tgt Ion:330 Resp: 18851
Ion Ratio Lower Upper
330 100
332 96.8 77.0 115.4
141 33.6 28.4 42.6

Manual Integrations

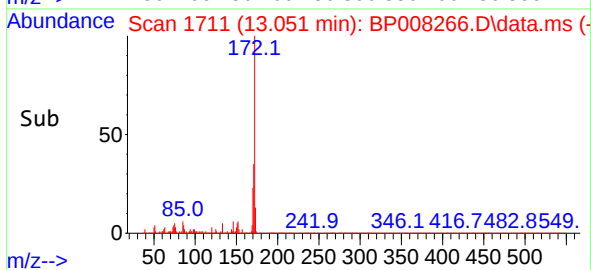
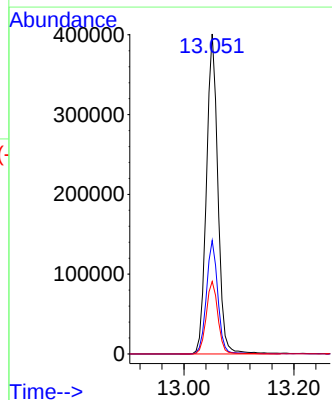
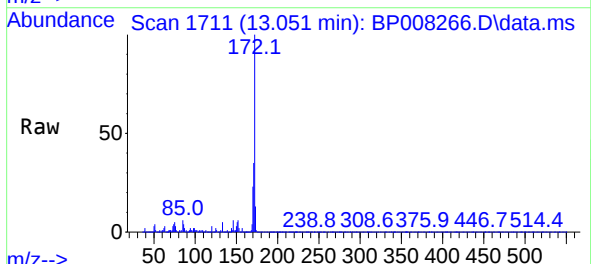
APPROVED

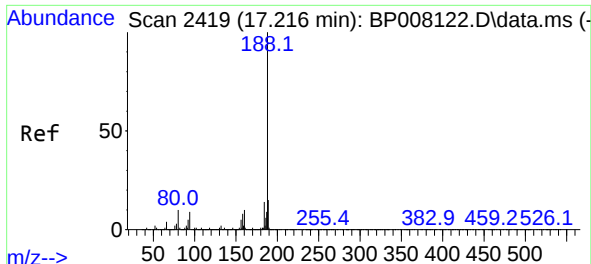
Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :Sohil Jodhani 12/10/2021



#45
2-Fluorobiphenyl
Concen: 61.037 ng
RT: 13.051 min Scan# 1711
Delta R.T. -0.018 min
Lab File: BP008266.D
Acq: 08 Dec 2021 00:02

Tgt Ion:172 Resp: 578472
Ion Ratio Lower Upper
172 100
171 35.5 28.0 42.0
170 22.6 18.9 28.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.198 min Scan# 2419
Delta R.T. -0.012 min
Lab File: BP008266.D
Acq: 08 Dec 2021 00:02

Instrument :

BNA_P

ClientSampleId :

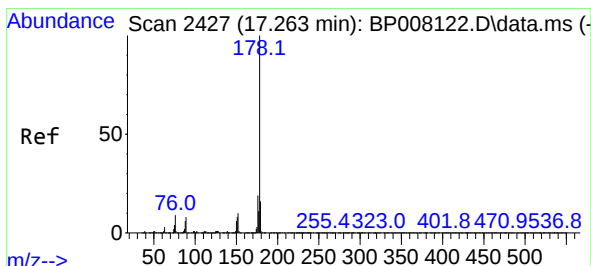
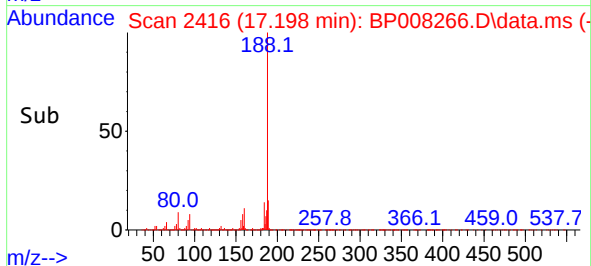
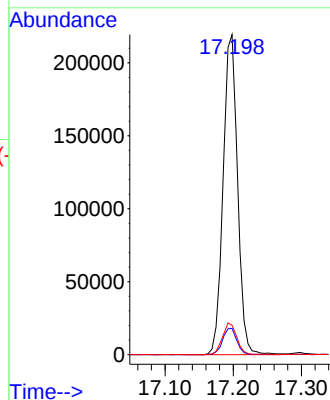
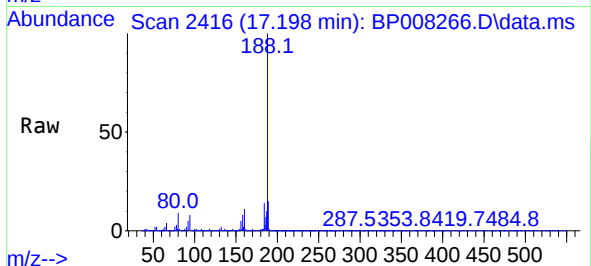
SB-4(2.0-2.5)

Tgt Ion:188 Resp: 32369
Ion Ratio Lower Upper
188 100
94 8.2 7.2 10.8
80 9.2 8.2 12.4

Manual Integrations

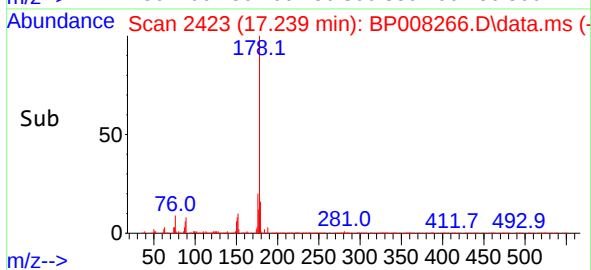
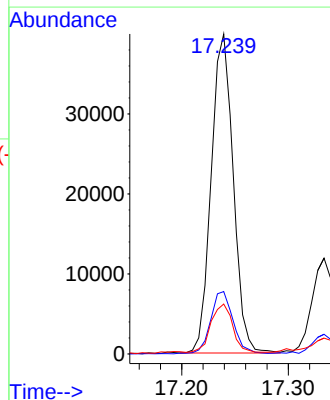
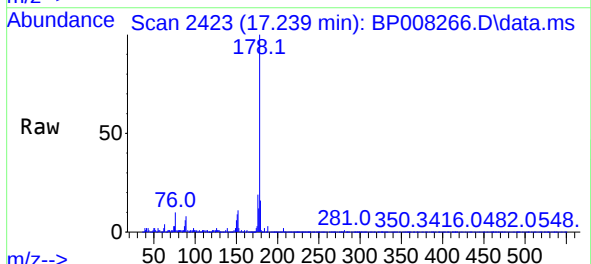
APPROVED

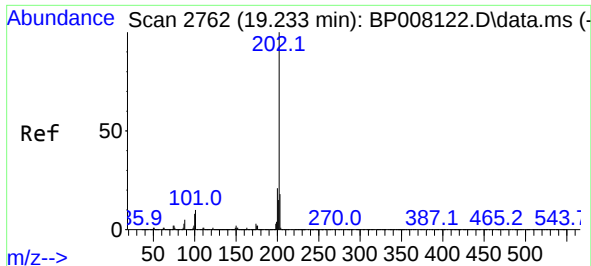
Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :Sohil Jodhani 12/10/2021



#71
Phenanthrene
Concen: 3.347 ng
RT: 17.239 min Scan# 2423
Delta R.T. -0.012 min
Lab File: BP008266.D
Acq: 08 Dec 2021 00:02

Tgt Ion:178 Resp: 57197
Ion Ratio Lower Upper
178 100
176 19.5 15.3 22.9
179 15.6 12.5 18.7





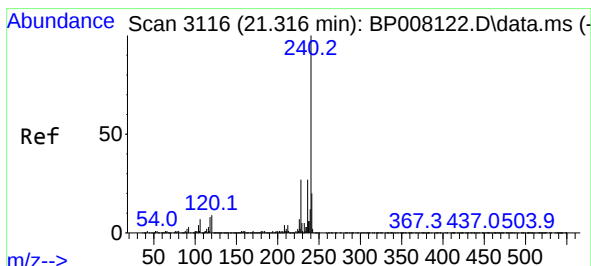
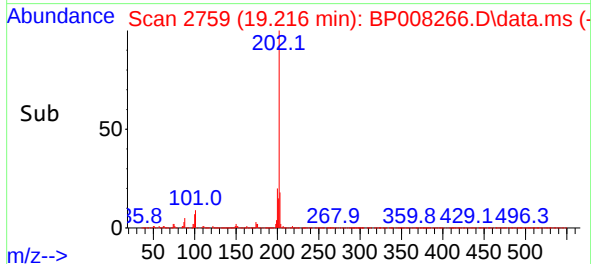
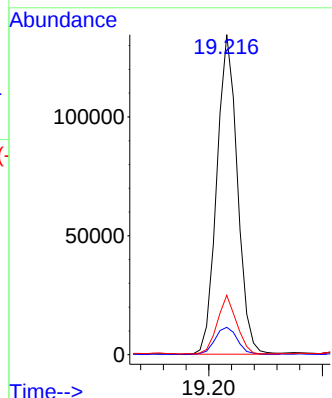
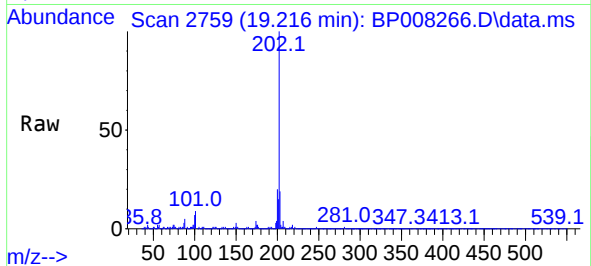
#75
Fluoranthene
Concen: 7.367 ng
RT: 19.216 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP008266.D
Acq: 08 Dec 2021 00:02

Instrument :
BNA_P
ClientSampleId :
SB-4(2.0-2.5)

Tgt Ion:202 Resp: 16960
Ion Ratio Lower Upper
202 100
101 8.6 0.0 29.8
203 18.6 0.0 37.7

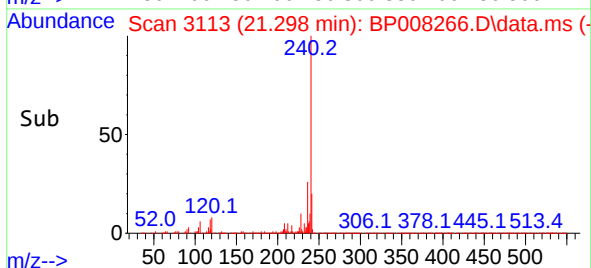
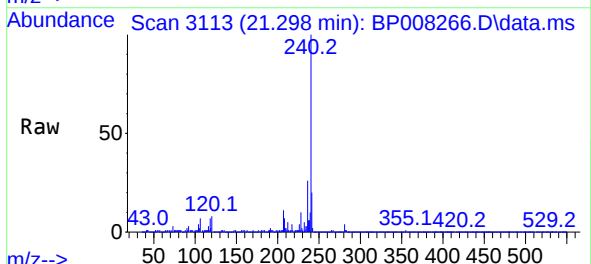
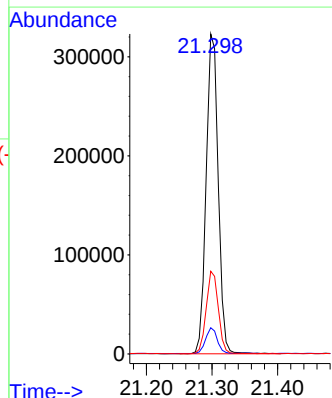
Manual Integrations
APPROVED

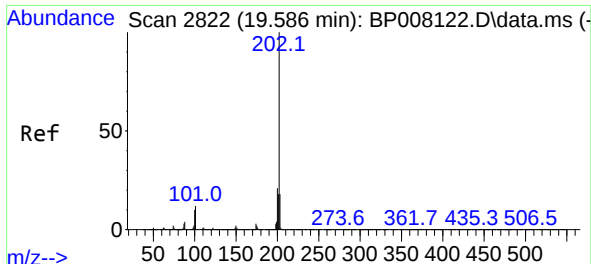
Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :Sohil Jodhani 12/10/2021



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.298 min Scan# 3113
Delta R.T. -0.018 min
Lab File: BP008266.D
Acq: 08 Dec 2021 00:02

Tgt Ion:240 Resp: 413863
Ion Ratio Lower Upper
240 100
120 8.2 7.3 10.9
236 25.8 21.4 32.2





#78
Pyrene
Concen: 4.374 ng
RT: 19.569 min Scan# 2178
Delta R.T. -0.018 min
Lab File: BP008266.D
Acq: 08 Dec 2021 00:02

Instrument :

BNA_P

ClientSampleId :

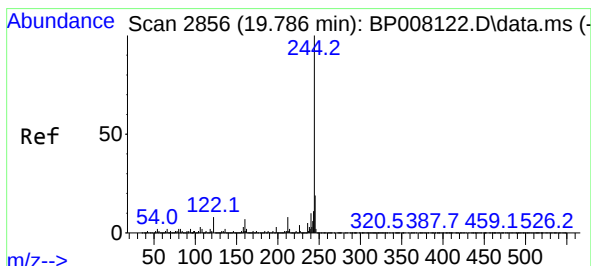
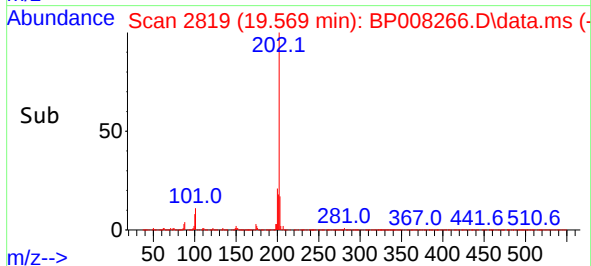
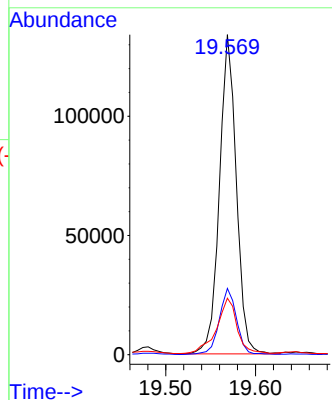
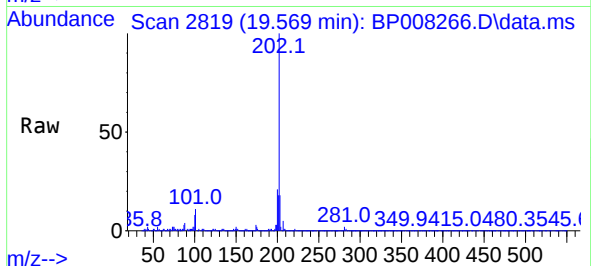
SB-4(2.0-2.5)

Tgt Ion:202 Resp: 17489
Ion Ratio Lower Upper
202 100
200 20.7 17.1 25.7
203 17.6 14.2 21.2

Manual Integrations

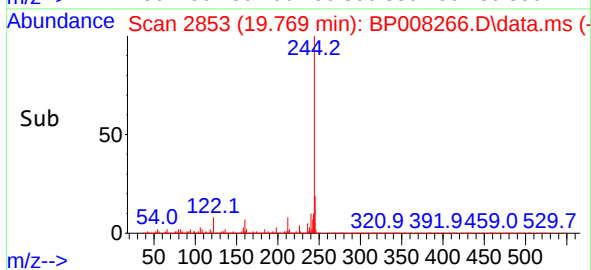
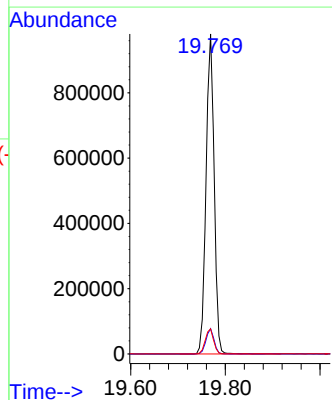
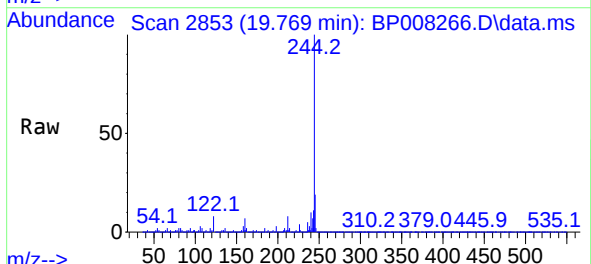
APPROVED

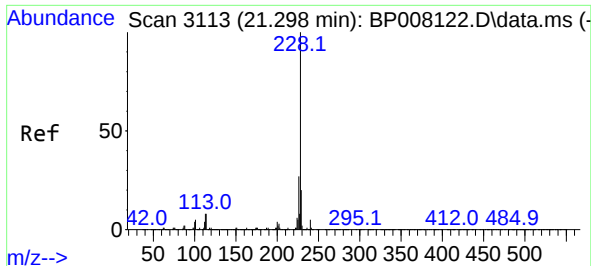
Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :Sohil Jodhani 12/10/2021



#79
Terphenyl-d14
Concen: 58.722 ng
RT: 19.769 min Scan# 2853
Delta R.T. -0.012 min
Lab File: BP008266.D
Acq: 08 Dec 2021 00:02

Tgt Ion:244 Resp: 1162857
Ion Ratio Lower Upper
244 100
212 7.9 6.0 9.0
122 7.9 6.6 9.8





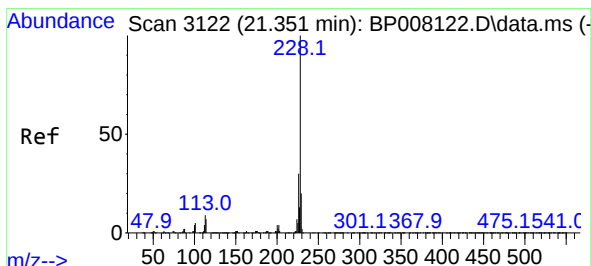
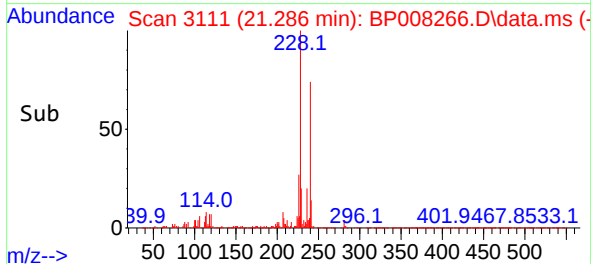
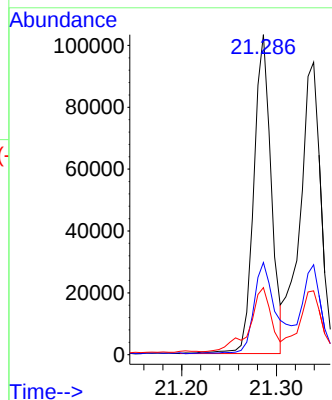
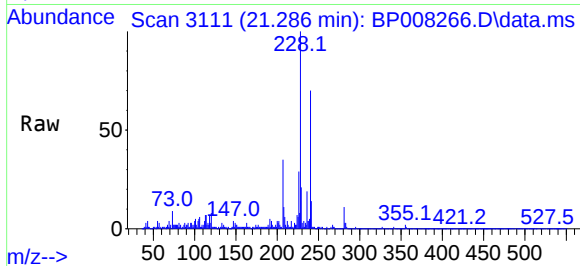
#81
Benzo(a)anthracene
Concen: 4.813 ng
RT: 21.286 min Scan# 3111
Delta R.T. -0.012 min
Lab File: BP008266.D
Acq: 08 Dec 2021 00:02

Instrument :
BNA_P
ClientSampleId :
SB-4(2.0-2.5)

Tgt Ion:228 Resp: 13201
Ion Ratio Lower Upper
228 100
226 28.8 21.9 32.9
229 20.9 15.9 23.9

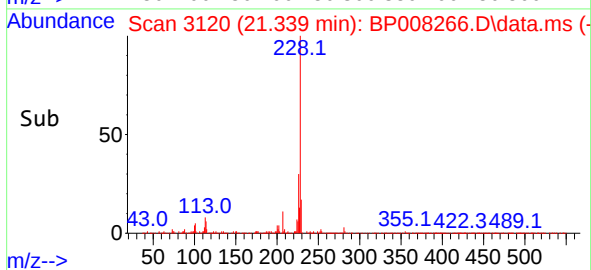
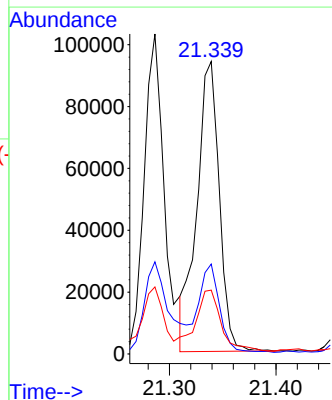
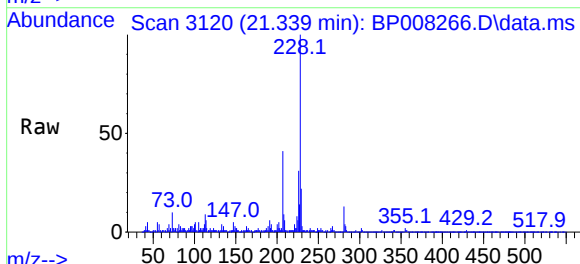
Manual Integrations
APPROVED

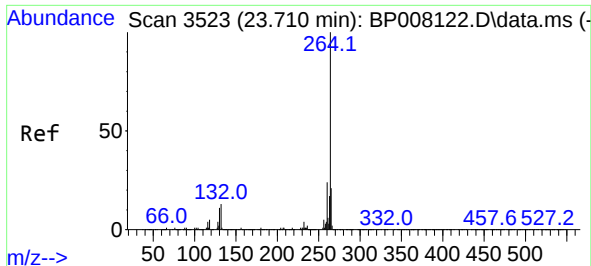
Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :Sohil Jodhani 12/10/2021



#83
Chrysene
Concen: 5.273 ng
RT: 21.339 min Scan# 3120
Delta R.T. -0.012 min
Lab File: BP008266.D
Acq: 08 Dec 2021 00:02

Tgt Ion:228 Resp: 137627
Ion Ratio Lower Upper
228 100
226 30.8 24.0 36.0
229 21.8 15.8 23.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.692 min Scan# 3520
Delta R.T. -0.024 min
Lab File: BP008266.D
Acq: 08 Dec 2021 00:02

Instrument :

BNA_P

ClientSampleId :

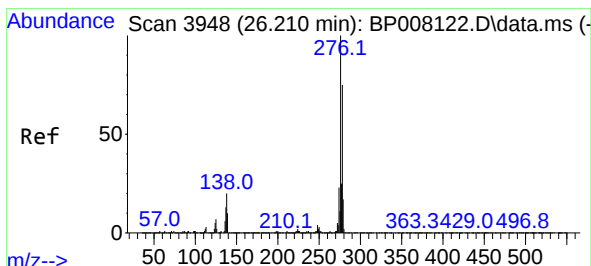
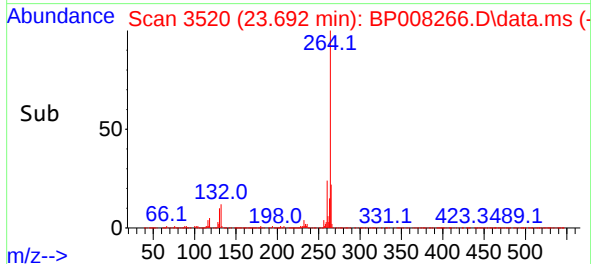
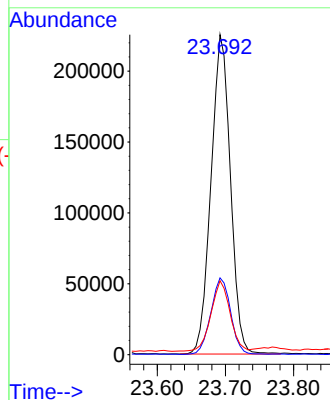
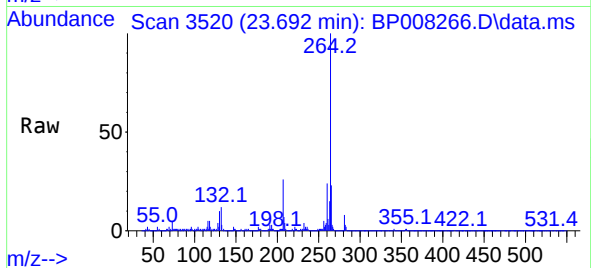
SB-4(2.0-2.5)

Tgt Ion:264 Resp: 44641
Ion Ratio Lower Upper
264 100
260 24.0 19.4 29.2
265 23.1 17.6 26.4

Manual Integrations

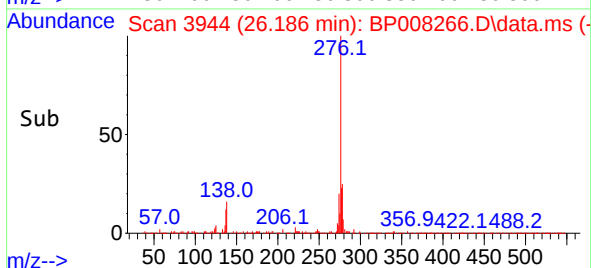
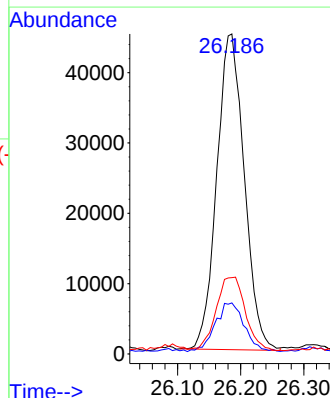
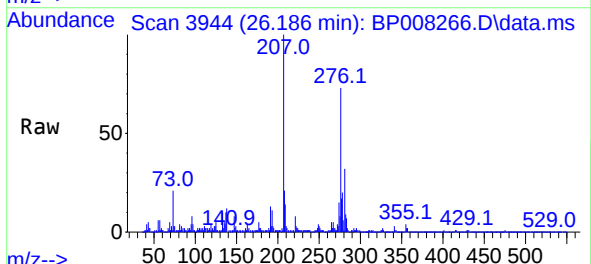
APPROVED

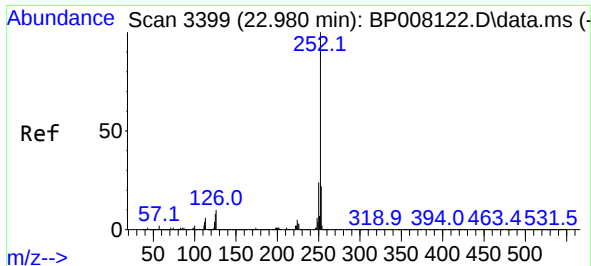
Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :Sohil Jodhani 12/10/2021



#87
Indeno(1,2,3-cd)pyrene
Concen: 4.183 ng
RT: 26.186 min Scan# 3944
Delta R.T. -0.041 min
Lab File: BP008266.D
Acq: 08 Dec 2021 00:02

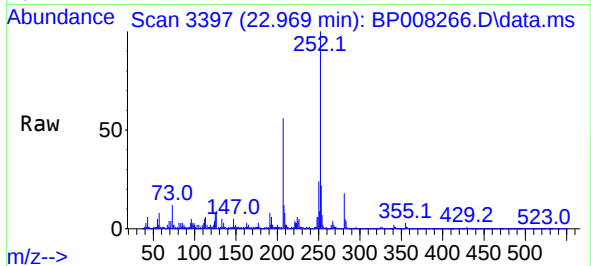
Tgt Ion:276 Resp: 135850
Ion Ratio Lower Upper
276 100
138 16.3 16.6 25.0#
277 24.7 20.2 30.2





#88
Benzo(b)fluoranthene
Concen: 8.351 ng
RT: 22.969 min Scan# 31
Delta R.T. -0.018 min
Lab File: BP008266.D
Acq: 08 Dec 2021 00:02

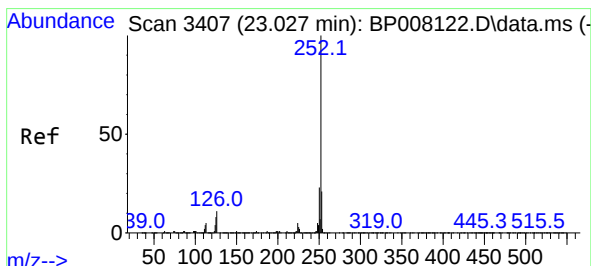
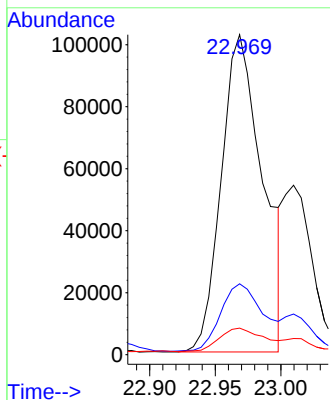
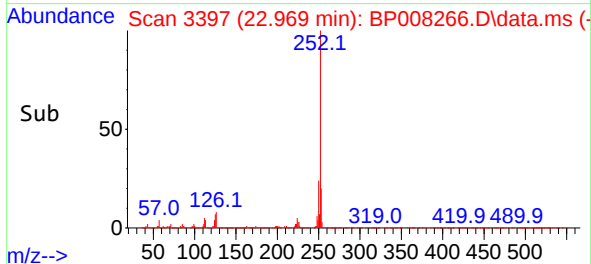
Instrument :
BNA_P
ClientSampleId :
SB-4(2.0-2.5)



Tgt Ion:252 Resp: 224740
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 8.3 6.2 9.4

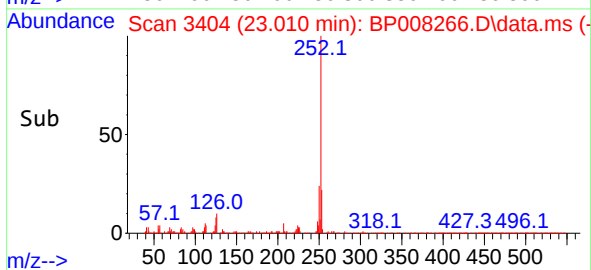
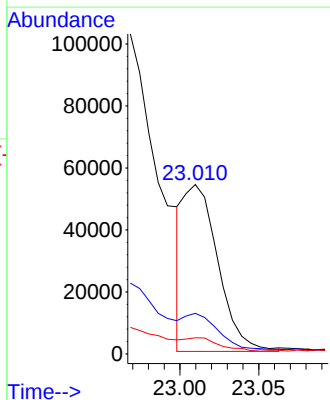
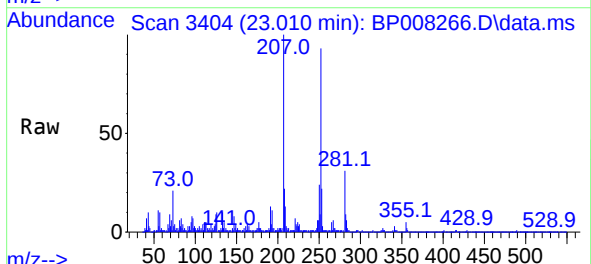
Manual Integrations
APPROVED

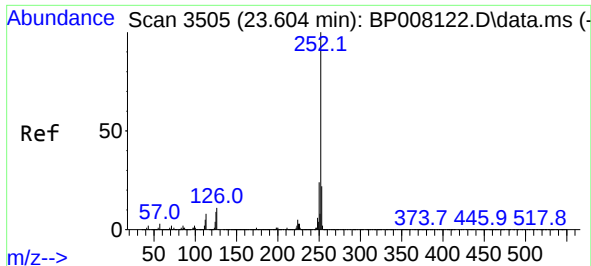
Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :Sohil Jodhani 12/10/2021



#89
Benzo(k)fluoranthene
Concen: 3.111 ng m
RT: 23.010 min Scan# 3404
Delta R.T. -0.024 min
Lab File: BP008266.D
Acq: 08 Dec 2021 00:02

Tgt Ion:252 Resp: 81961
Ion Ratio Lower Upper
252 100
253 23.9 17.3 25.9
125 9.5 6.5 9.7





#90
Benzo(a)pyrene
Concen: 6.699 ng
RT: 23.586 min Scan# 31
Delta R.T. -0.024 min
Lab File: BP008266.D
Acq: 08 Dec 2021 00:02

Instrument :

BNA_P

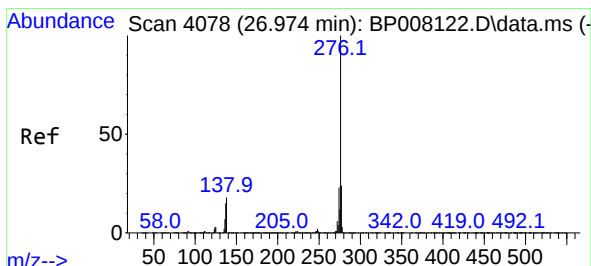
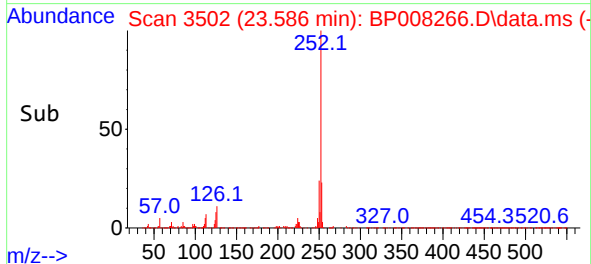
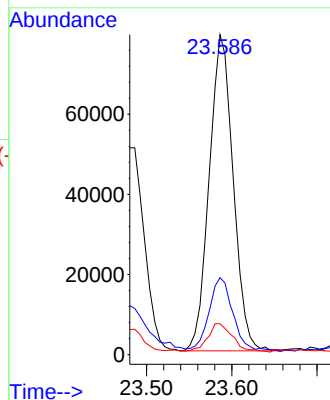
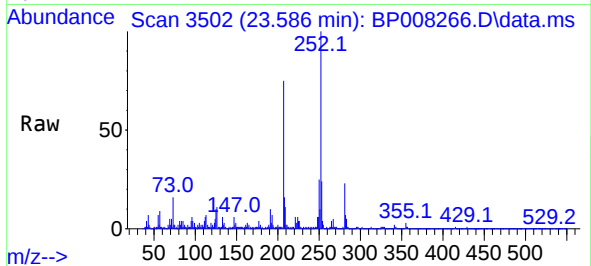
ClientSampleId :

SB-4(2.0-2.5)

Tgt Ion:252 Resp: 154092
Ion Ratio Lower Upper
252 100
253 24.0 17.6 26.4
125 9.6 7.4 11.0

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :Sohil Jodhani 12/10/2021



#92
Benzo(g,h,i)perylene
Concen: 5.148 ng
RT: 26.951 min Scan# 4074
Delta R.T. -0.047 min
Lab File: BP008266.D
Acq: 08 Dec 2021 00:02

Tgt Ion:276 Resp: 140084
Ion Ratio Lower Upper
276 100
277 25.0 20.0 30.0
138 17.4 14.1 21.1

