

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020122\
 Data File : BP008991.D
 Acq On : 01 Feb 2022 17:37
 Operator : CG/JU
 Sample : N1340-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-6(1.5-2)

Quant Time: Feb 02 04:02:13 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 01 04:16:03 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 02/02/2022
 Supervised By : Jagrut Upadhyay 02/02/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	233387	20.000	ng	0.00
21) Naphthalene-d8	10.622	136	905120	20.000	ng	-0.01
39) Acenaphthene-d10	14.463	164	580657	20.000	ng	-0.01
64) Phenanthrene-d10	17.222	188	1194131	20.000	ng	-0.01
76) Chrysene-d12	21.316	240	1108010	20.000	ng	-0.01
86) Perylene-d12	23.722	264	1204079	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.417	112	1404979	93.094	ng	0.00
7) Phenol-d6	7.011	99	1778890	97.337	ng	0.00
23) Nitrobenzene-d5	8.987	82	1186169	74.402	ng	-0.01
42) 2,4,6-Tribromophenol	15.963	330	780600	92.356	ng	-0.01
45) 2-Fluorobiphenyl	13.087	172	2848887	64.702	ng	-0.01
79) Terphenyl-d14	19.786	244	3834723	58.418	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	17.263	178	588847	8.758	ng	99
75) Fluoranthene	19.234	202	926260	12.389	ng	97
78) Pyrene	19.586	202	798815	10.332	ng	97
81) Benzo(a)anthracene	21.298	228	461792	6.195	ng	98
83) Chrysene	21.351	228	461591	6.388	ng	97
84) Bis(2-ethylhexyl)phtha...	21.228	149	110412	2.293	ng	96
87) Indeno(1,2,3-cd)pyrene	26.227	276	269542	2.717	ng	# 94
88) Benzo(b)fluoranthene	22.992	252	572688	7.122	ng	98
89) Benzo(k)fluoranthene	23.033	252	222257m	2.855	ng	
90) Benzo(a)pyrene	23.616	252	409274	5.273	ng	98
92) Benzo(g,h,i)perylene	26.998	276	263181	3.195	ng	96

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

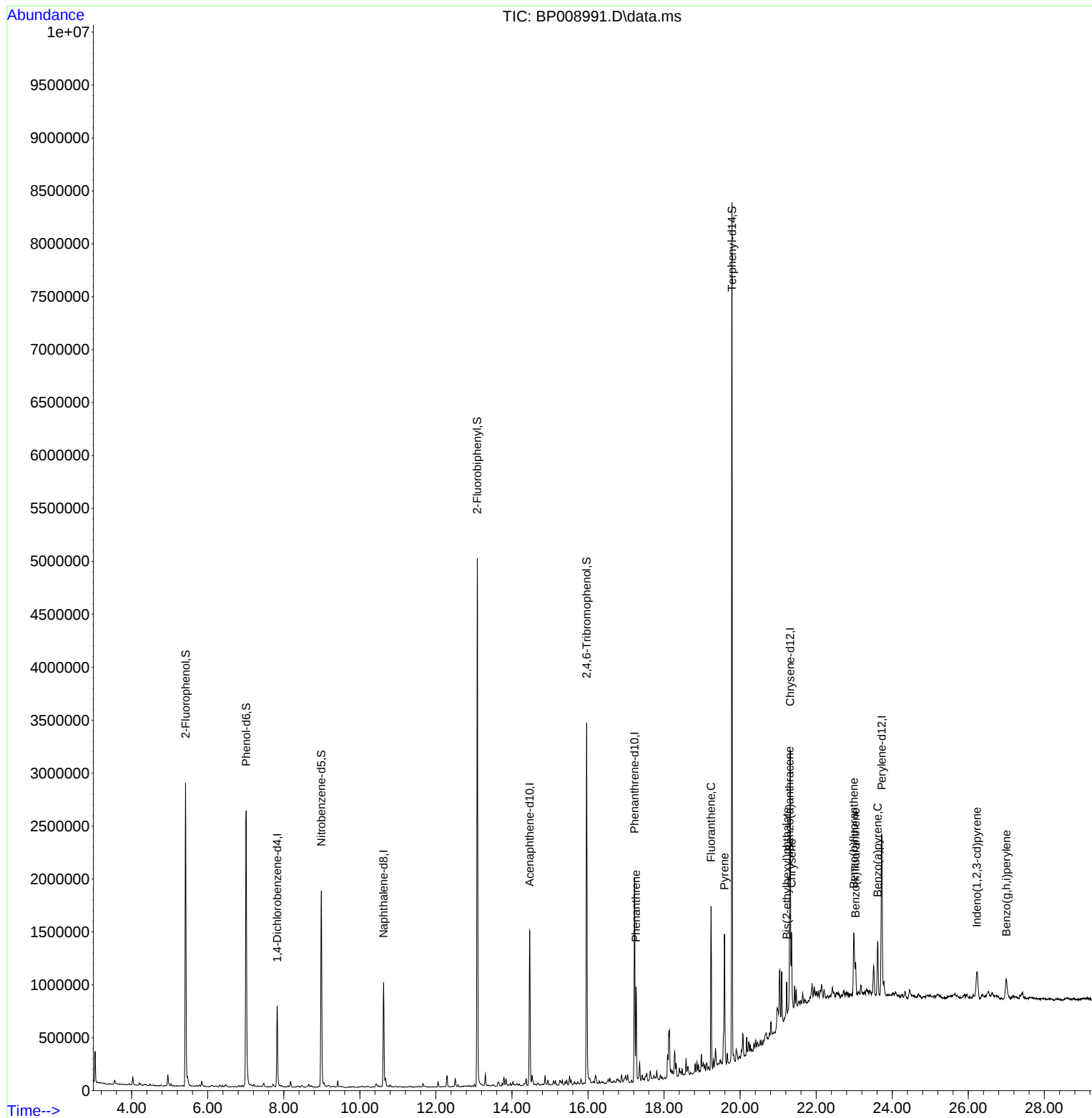
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Data File : BP008991.D
Acq On : 01 Feb 2022 17:37
Operator : CG/JU
Sample : N1340-06
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ALS Vial : 14 Sample Multiplier: 1

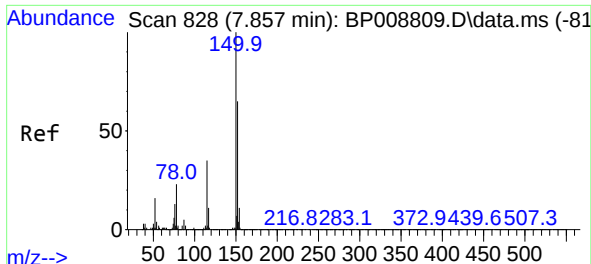
Instrument :
BNA_P
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SB-6(1.5-2)

Quant Time: Feb 02 04:02:13 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 01 04:16:03 2022
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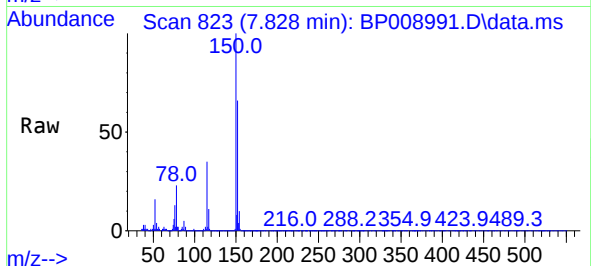
Reviewed By : Christian Giraldo 02/02/2022
Supervised By : Jagrut Upadhyay 02/02/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.828 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP008991.D
Acq: 01 Feb 2022 17:37

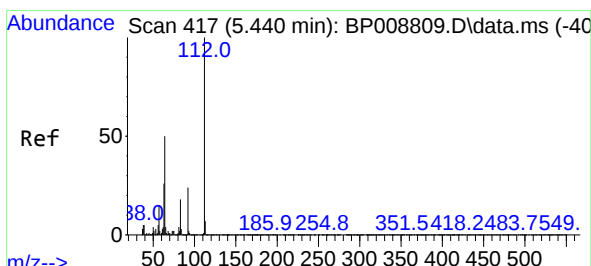
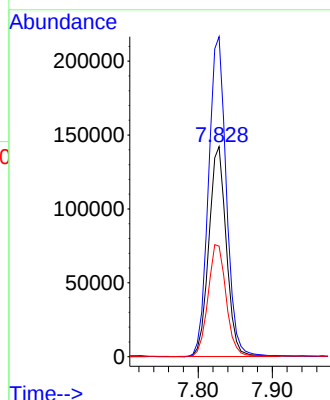
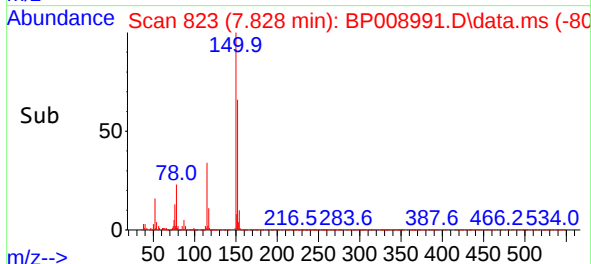
Instrument :
BNA_P
ClientSampleId :
SB-6(1.5-2)



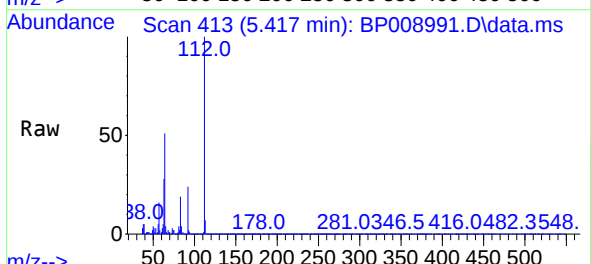
Tgt Ion:152 Resp: 23338
Ion Ratio Lower Upper
152 100
150 152.3 127.0 190.6
115 52.6 43.7 65.5

Manual Integrations
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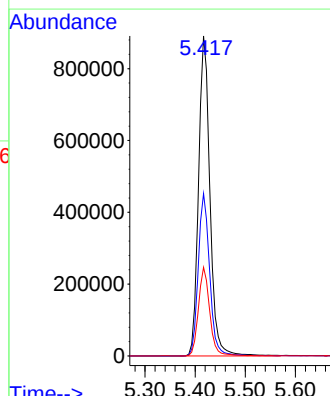
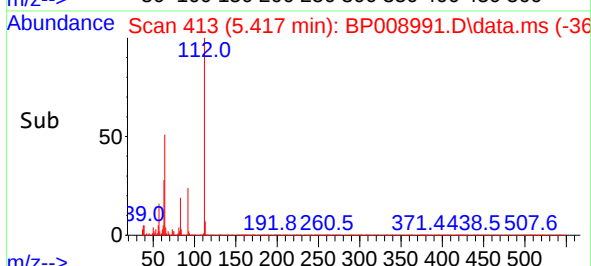
Reviewed By :Christian Giraldo 02/02/2022
Supervised By :Jagrut Upadhyay 02/02/2022

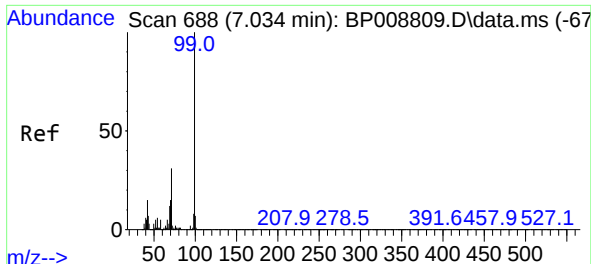


#5
2-Fluorophenol
Concen: 93.094 ng
RT: 5.417 min Scan# 413
Delta R.T. -0.006 min
Lab File: BP008991.D
Acq: 01 Feb 2022 17:37



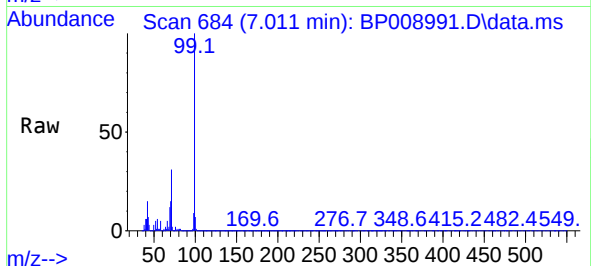
Tgt Ion:112 Resp: 1404979
Ion Ratio Lower Upper
112 100
64 50.7 39.7 59.5
63 27.7 20.0 30.0





#7
Phenol-d6
Concen: 97.337 ng
RT: 7.011 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP008991.D
Acq: 01 Feb 2022 17:37

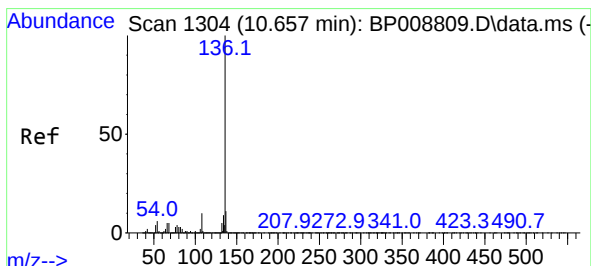
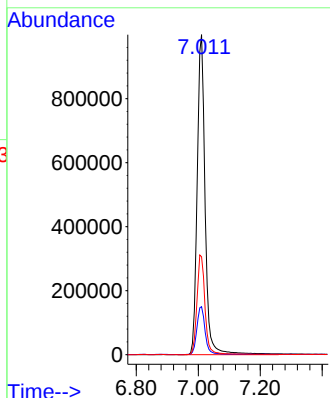
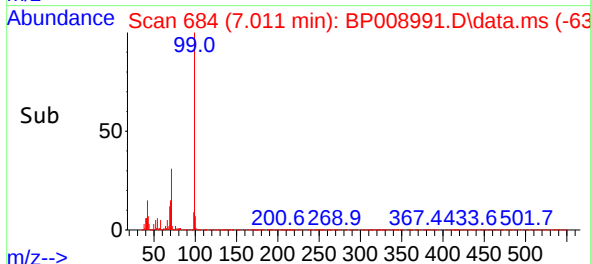
Instrument :
BNA_P
ClientSampleId :
SB-6(1.5-2)



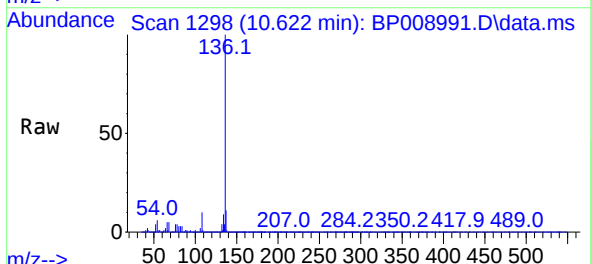
Tgt Ion: 99 Resp: 1778890
Ion Ratio Lower Upper
99 100
42 15.0 10.8 16.2
71 30.6 23.8 35.6

Manual Integrations
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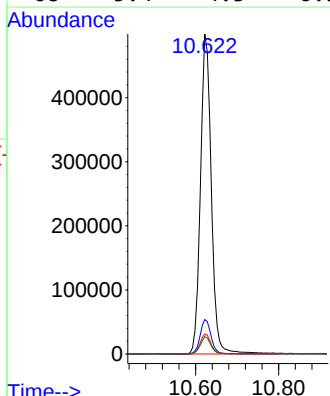
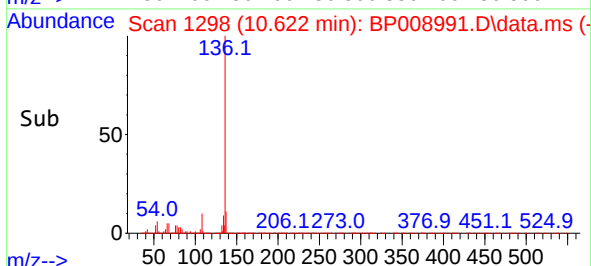
Reviewed By :Christian Giraldo 02/02/2022
Supervised By :Jagrut Upadhyay 02/02/2022

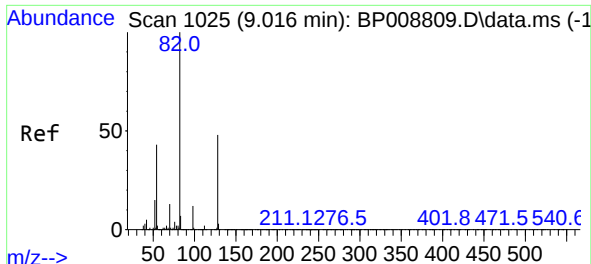


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.622 min Scan# 1298
Delta R.T. -0.011 min
Lab File: BP008991.D
Acq: 01 Feb 2022 17:37



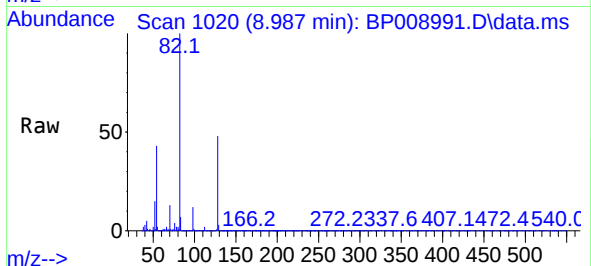
Tgt Ion:136 Resp: 905120
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.4
54 6.2 4.9 7.3
68 5.4 4.3 6.5





#23
Nitrobenzene-d5
Concen: 74.402 ng
RT: 8.987 min Scan# 1025
Delta R.T. -0.011 min
Lab File: BP008991.D
Acq: 01 Feb 2022 17:37

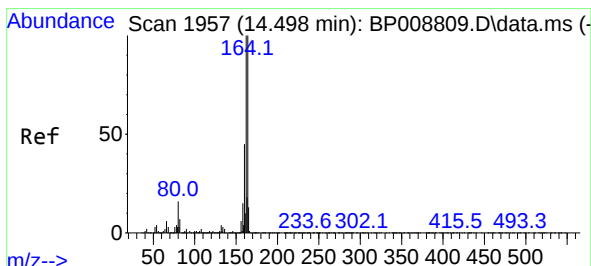
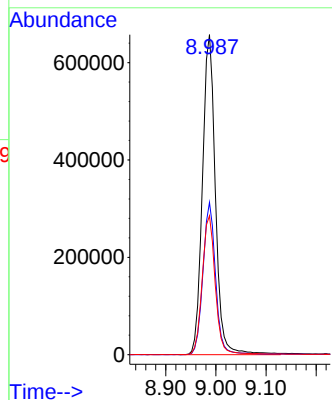
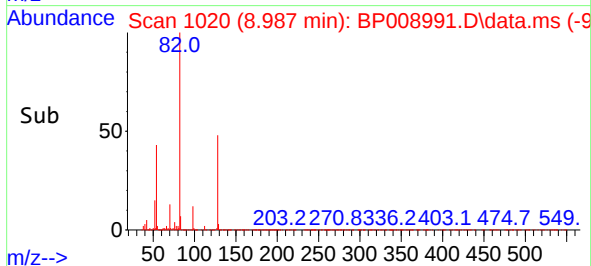
Instrument :
BNA_P
ClientSampleId :
SB-6(1.5-2)



Tgt Ion: 82 Resp: 1186169
Ion Ratio Lower Upper
82 100
128 47.6 39.4 59.2
54 43.4 32.6 48.8

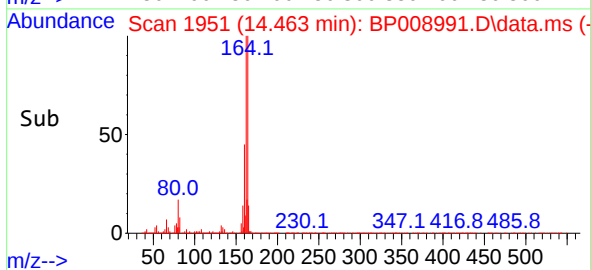
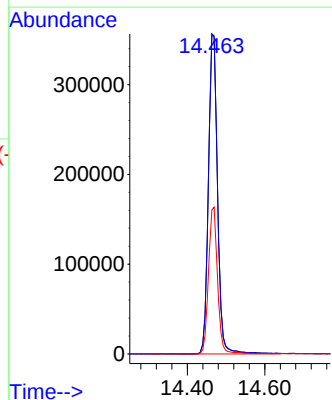
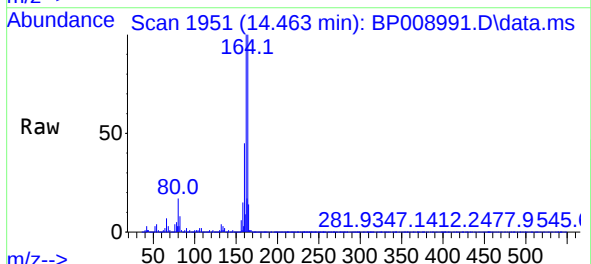
Manual Integrations
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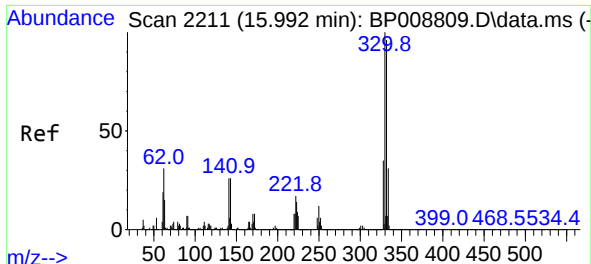
Reviewed By :Christian Giraldo 02/02/2022
Supervised By :Jagrut Upadhyay 02/02/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1951
Delta R.T. -0.011 min
Lab File: BP008991.D
Acq: 01 Feb 2022 17:37

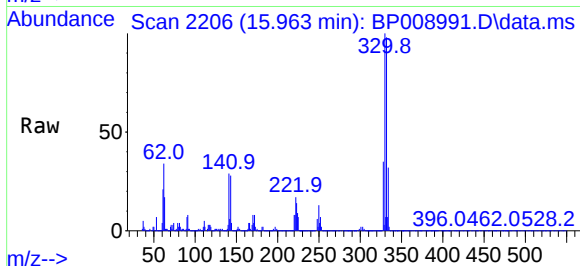
Tgt Ion:164 Resp: 580657
Ion Ratio Lower Upper
164 100
162 100.0 79.9 119.9
160 45.0 35.5 53.3





#42
2,4,6-Tribromophenol
Concen: 92.356 ng
RT: 15.963 min Scan# 21
Delta R.T. -0.011 min
Lab File: BP008991.D
Acq: 01 Feb 2022 17:37

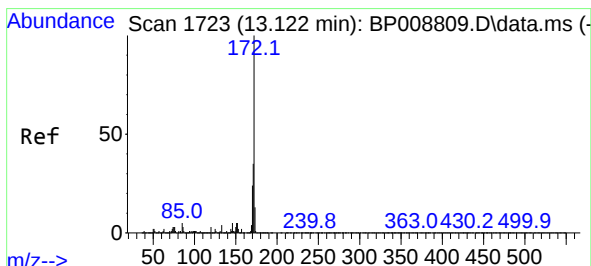
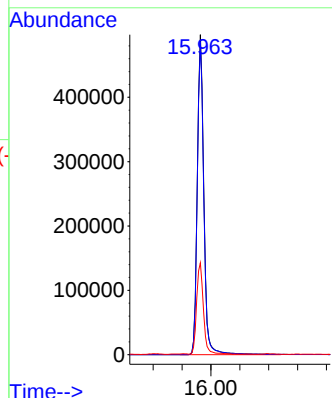
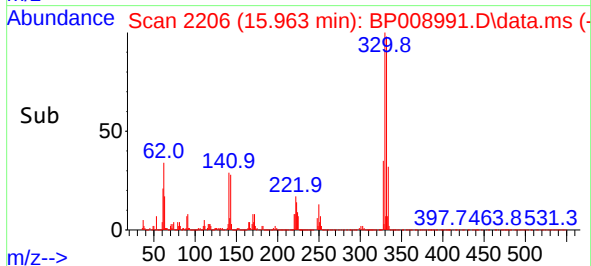
Instrument :
BNA_P
ClientSampleId :
SB-6(1.5-2)



Tgt Ion:330 Resp: 780600
Ion Ratio Lower Upper
330 100
332 97.1 77.0 115.4
141 29.5 21.3 31.9

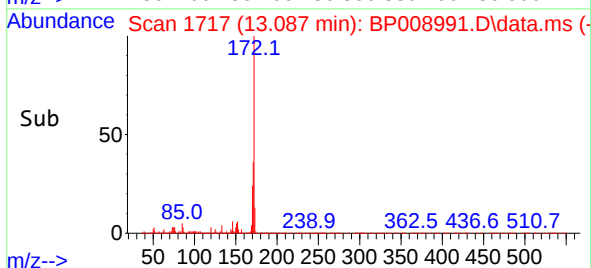
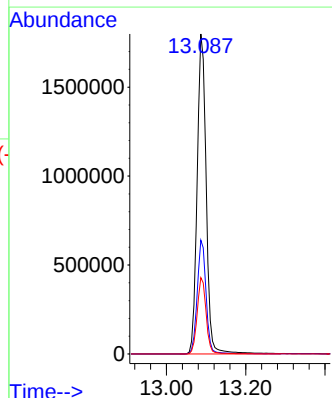
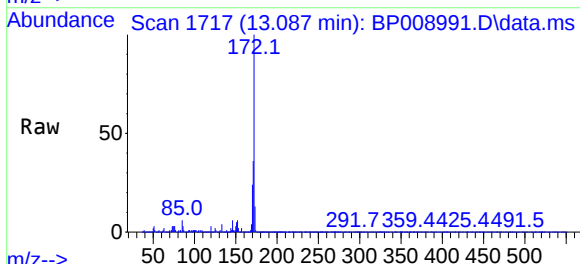
Manual Integrations
APPROVED

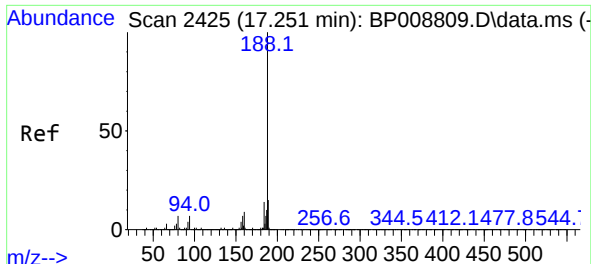
Reviewed By :Christian Giraldo 02/02/2022
Supervised By :Jagrut Upadhyay 02/02/2022



#45
2-Fluorobiphenyl
Concen: 64.702 ng
RT: 13.087 min Scan# 1717
Delta R.T. -0.011 min
Lab File: BP008991.D
Acq: 01 Feb 2022 17:37

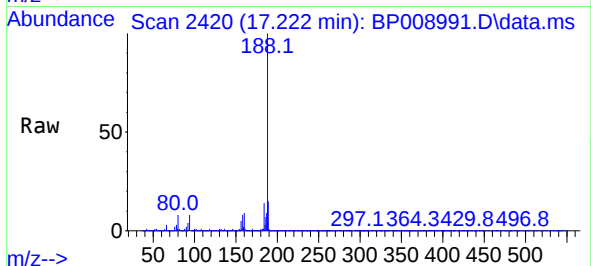
Tgt Ion:172 Resp: 2848887
Ion Ratio Lower Upper
172 100
171 35.6 29.3 43.9
170 23.9 19.5 29.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.222 min Scan# 2420
Delta R.T. -0.011 min
Lab File: BP008991.D
Acq: 01 Feb 2022 17:37

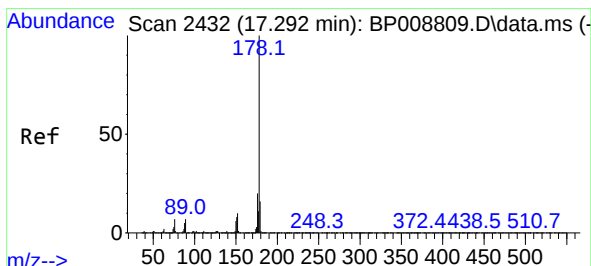
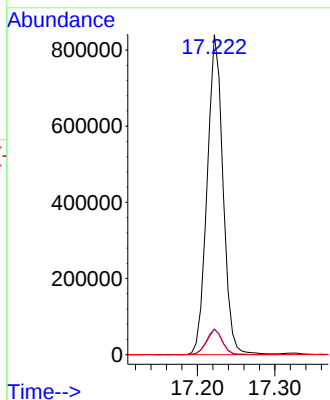
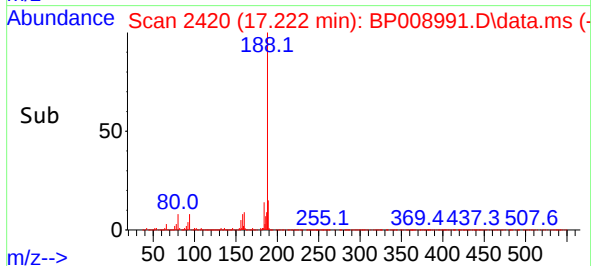
Instrument :
BNA_P
ClientSampleId :
SB-6(1.5-2)



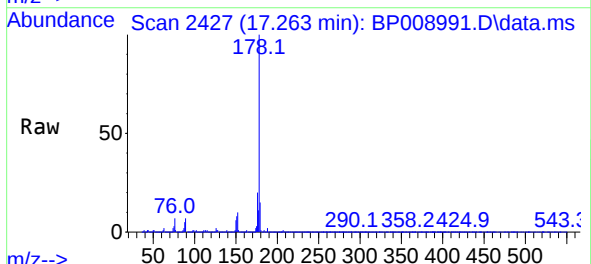
Tgt Ion:188 Resp: 119413
Ion Ratio Lower Upper
188 100
94 8.0 6.8 10.2
80 8.0 7.2 10.8

Manual Integrations
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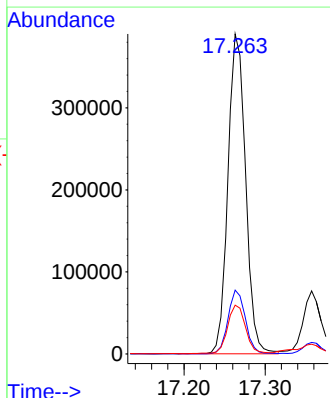
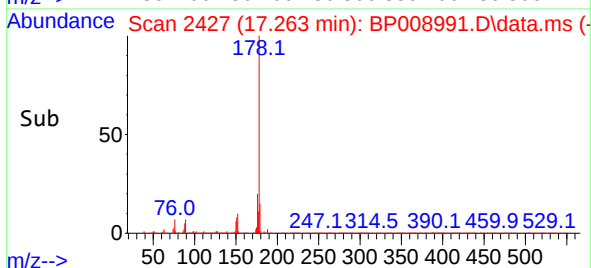
Reviewed By :Christian Giraldo 02/02/2022
Supervised By :Jagrut Upadhyay 02/02/2022

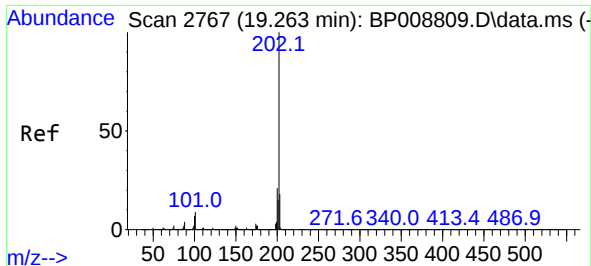


#71
Phenanthrene
Concen: 8.758 ng
RT: 17.263 min Scan# 2427
Delta R.T. -0.011 min
Lab File: BP008991.D
Acq: 01 Feb 2022 17:37



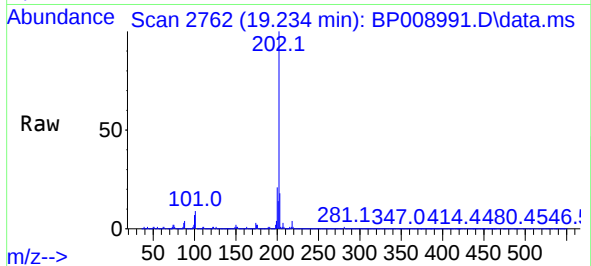
Tgt Ion:178 Resp: 588847
Ion Ratio Lower Upper
178 100
176 20.0 16.0 24.0
179 15.3 13.0 19.4





#75
Fluoranthene
Concen: 12.389 ng
RT: 19.234 min Scan# 2116
Delta R.T. -0.011 min
Lab File: BP008991.D
Acq: 01 Feb 2022 17:37

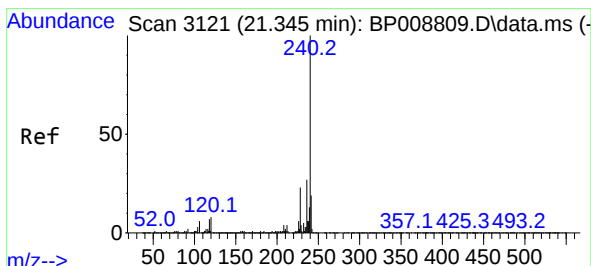
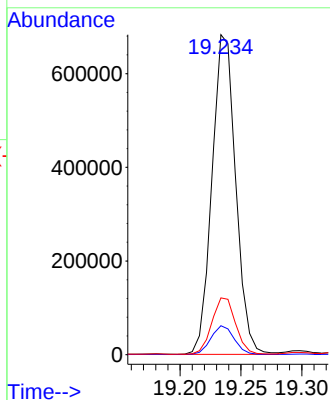
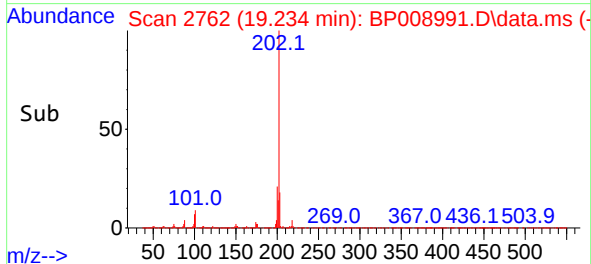
Instrument :
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ClientSampleId :
SB-6(1.5-2)



Tgt Ion:202 Resp: 926260
Ion Ratio Lower Upper
202 100
101 9.1 0.0 30.7
203 17.7 0.0 38.9

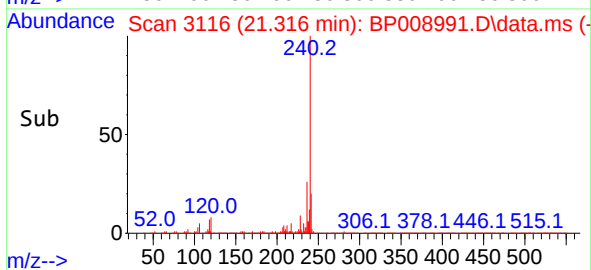
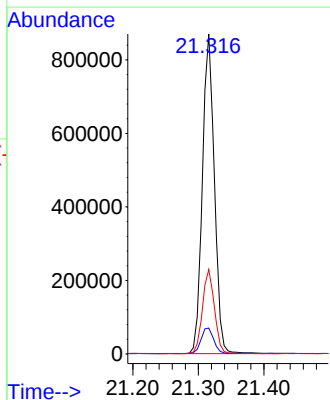
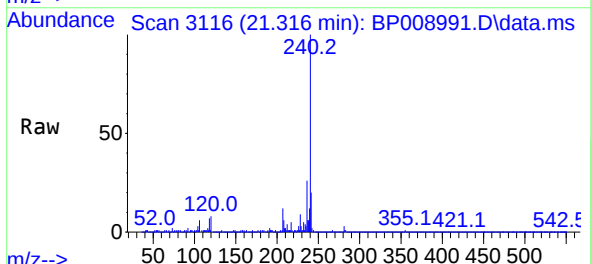
Manual Integrations
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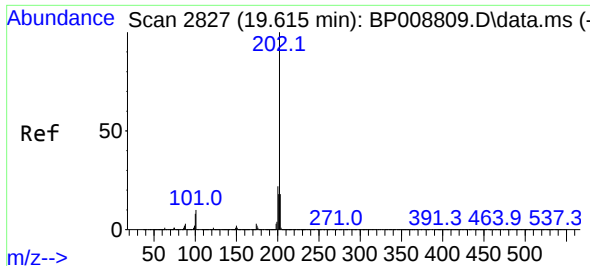
Reviewed By :Christian Giraldo 02/02/2022
Supervised By :Jagrut Upadhyay 02/02/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.316 min Scan# 3116
Delta R.T. -0.011 min
Lab File: BP008991.D
Acq: 01 Feb 2022 17:37

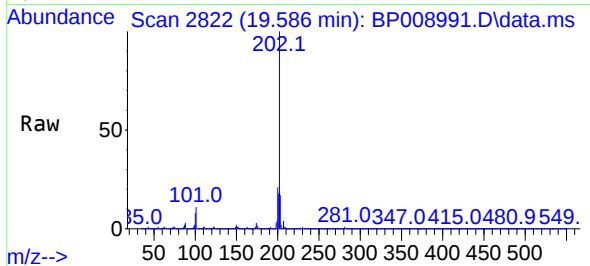
Tgt Ion:240 Resp: 1108010
Ion Ratio Lower Upper
240 100
120 8.1 7.7 11.5
236 26.4 21.2 31.8





#78
Pyrene
Concen: 10.332 ng
RT: 19.586 min Scan# 2822
Delta R.T. -0.011 min
Lab File: BP008991.D
Acq: 01 Feb 2022 17:37

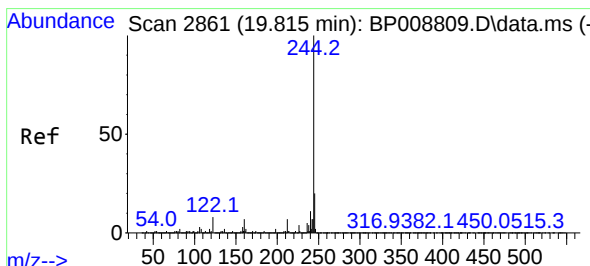
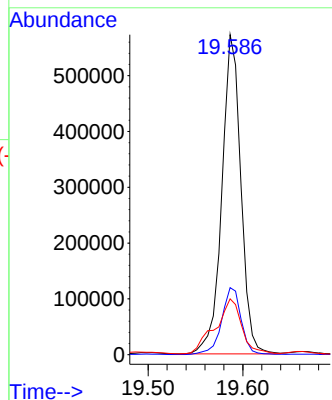
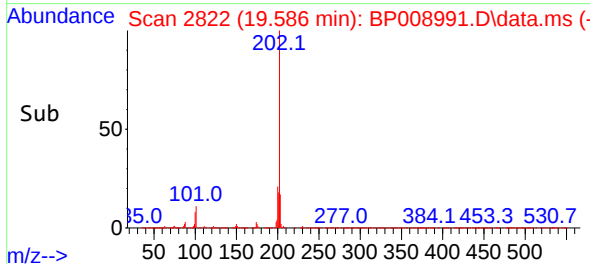
Instrument :
BNA_P
ClientSampleId :
SB-6(1.5-2)



Tgt Ion:202 Resp: 798815
Ion Ratio Lower Upper
202 100
200 21.0 18.0 27.0
203 17.5 15.0 22.6

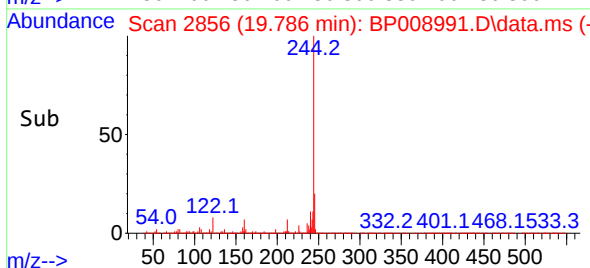
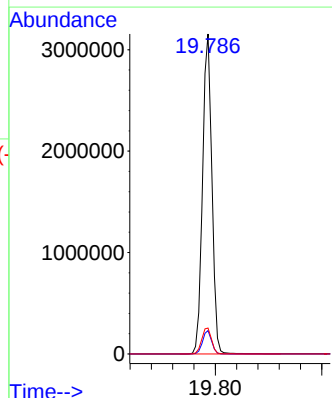
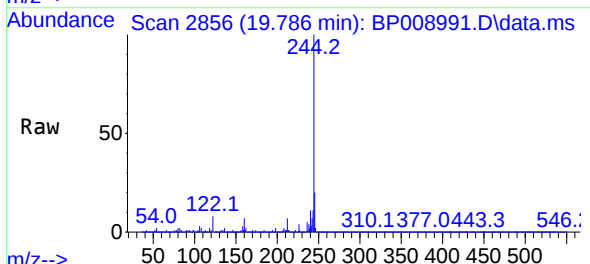
Manual Integrations
APPROVED

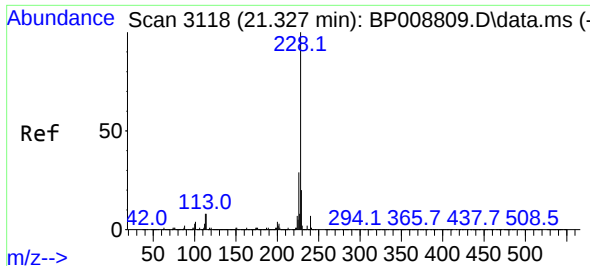
Reviewed By :Christian Giraldo 02/02/2022
Supervised By :Jagrut Upadhyay 02/02/2022



#79
Terphenyl-d14
Concen: 58.418 ng
RT: 19.786 min Scan# 2856
Delta R.T. -0.011 min
Lab File: BP008991.D
Acq: 01 Feb 2022 17:37

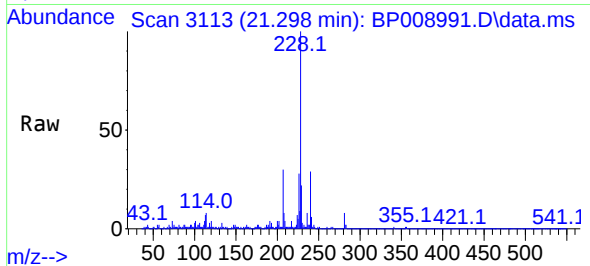
Tgt Ion:244 Resp: 3834723
Ion Ratio Lower Upper
244 100
212 7.3 6.5 9.7
122 8.1 9.2 13.8#





#81
Benzo(a)anthracene
Concen: 6.195 ng
RT: 21.298 min Scan# 3113
Delta R.T. -0.011 min
Lab File: BP008991.D
Acq: 01 Feb 2022 17:37

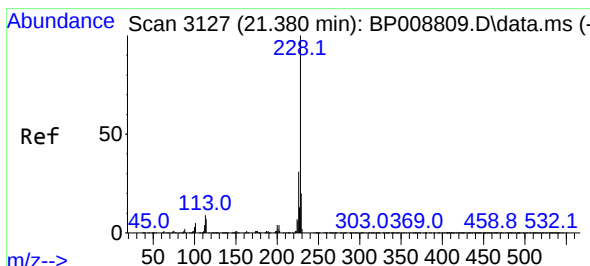
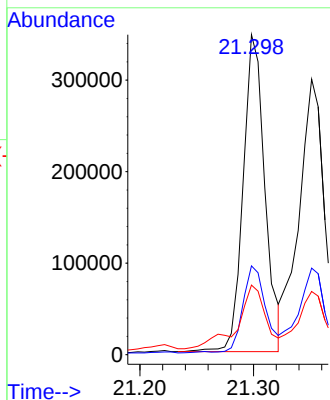
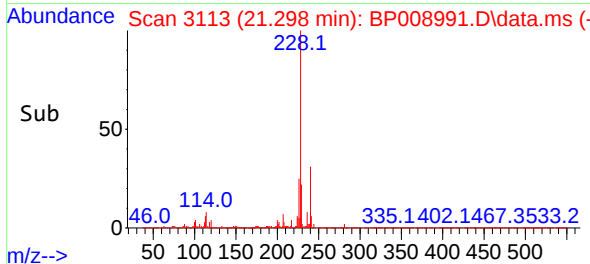
Instrument :
BNA_P
ClientSampleId :
SB-6(1.5-2)



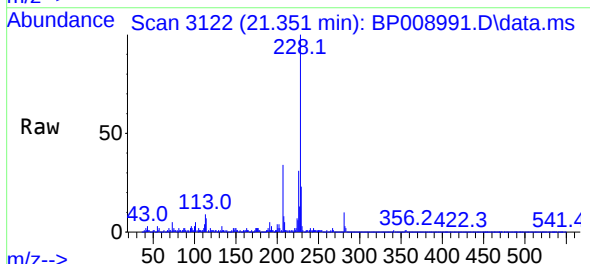
Tgt Ion:228 Resp: 461792
Ion Ratio Lower Upper
228 100
226 27.8 23.3 34.9
229 21.7 17.0 25.6

Manual Integrations
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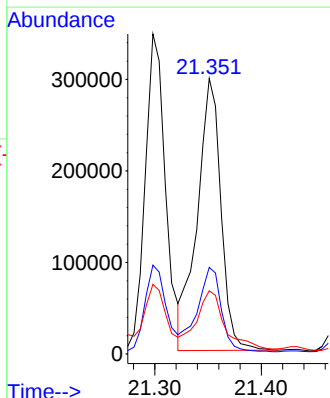
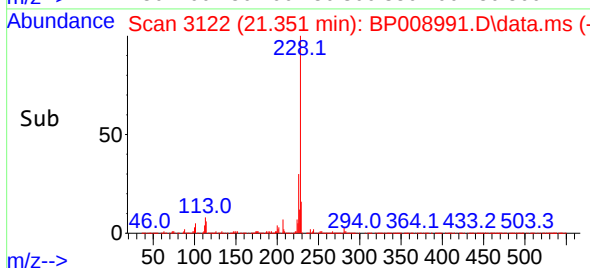
Reviewed By :Christian Giraldo 02/02/2022
Supervised By :Jagrut Upadhyay 02/02/2022

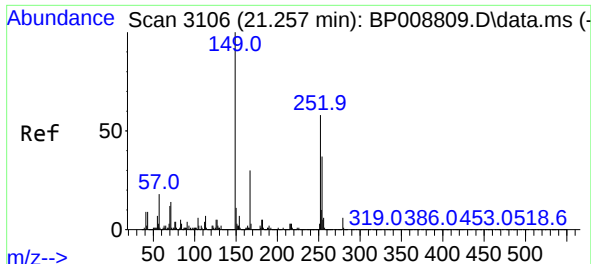


#83
Chrysene
Concen: 6.388 ng
RT: 21.351 min Scan# 3122
Delta R.T. -0.011 min
Lab File: BP008991.D
Acq: 01 Feb 2022 17:37



Tgt Ion:228 Resp: 461591
Ion Ratio Lower Upper
228 100
226 31.4 26.0 39.0
229 22.9 16.9 25.3





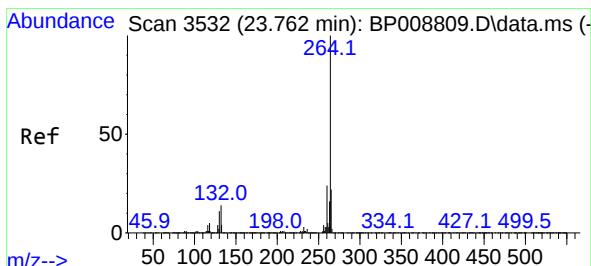
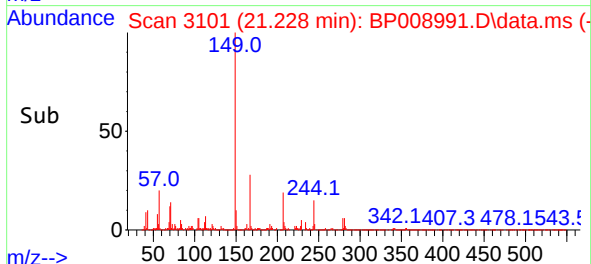
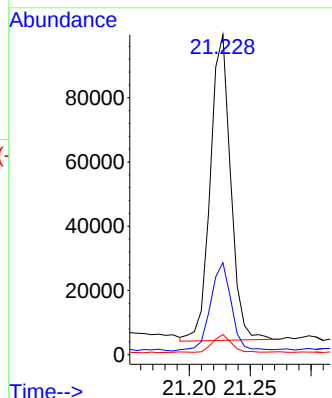
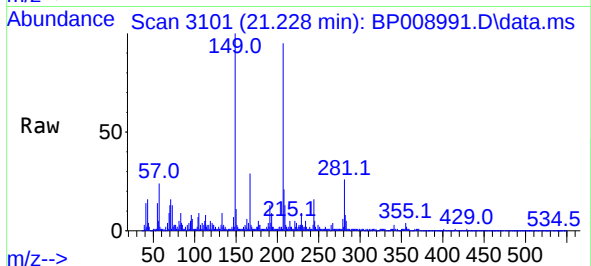
#84
Bis(2-ethylhexyl)phthalate
Concen: 2.293 ng
RT: 21.228 min Scan# 3106
Delta R.T. -0.011 min
Lab File: BP008991.D
Acq: 01 Feb 2022 17:37

Instrument :
BNA_P
ClientSampleId :
SB-6(1.5-2)

Tgt Ion:149 Resp: 11041
Ion Ratio Lower Upper
149 100
167 28.8 25.0 37.4
279 6.3 4.8 7.2

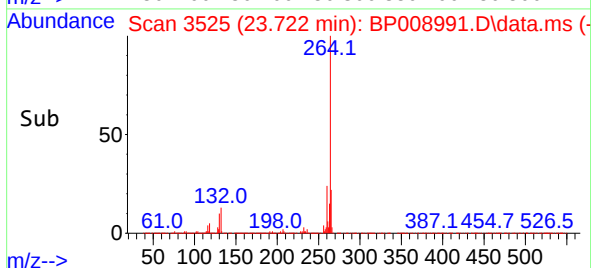
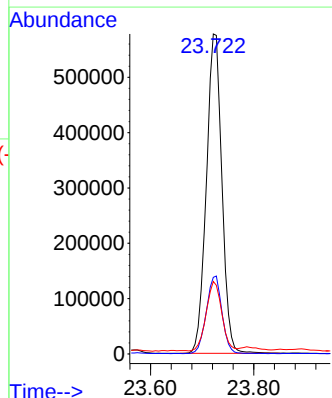
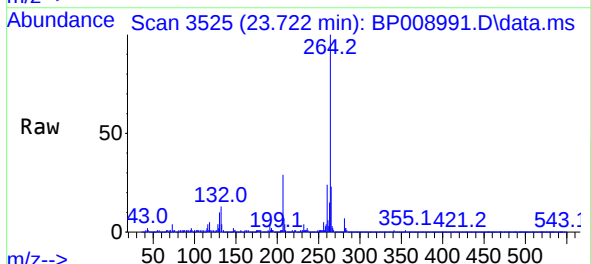
Manual Integrations
APPROVED

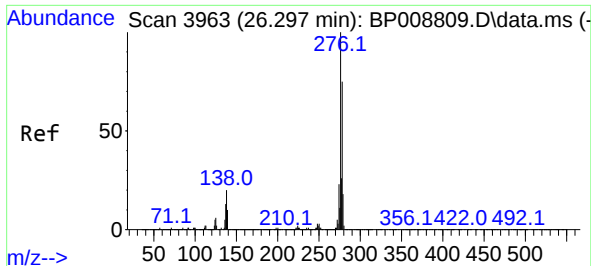
Reviewed By :Christian Giraldo 02/02/2022
Supervised By :Jagrut Upadhyay 02/02/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.722 min Scan# 3525
Delta R.T. -0.017 min
Lab File: BP008991.D
Acq: 01 Feb 2022 17:37

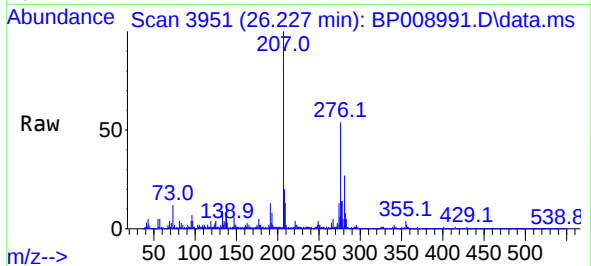
Tgt Ion:264 Resp: 1204079
Ion Ratio Lower Upper
264 100
260 24.0 19.1 28.7
265 22.7 17.1 25.7





#87
Indeno(1,2,3-cd)pyrene
Concen: 2.717 ng
RT: 26.227 min Scan# 3951
Delta R.T. -0.035 min
Lab File: BP008991.D
Acq: 01 Feb 2022 17:37

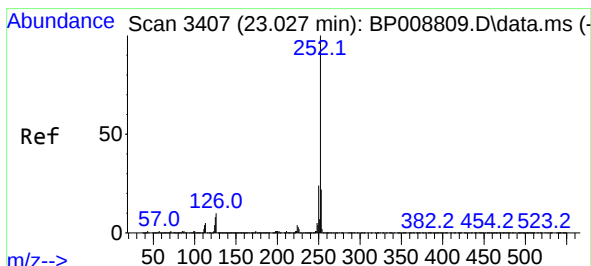
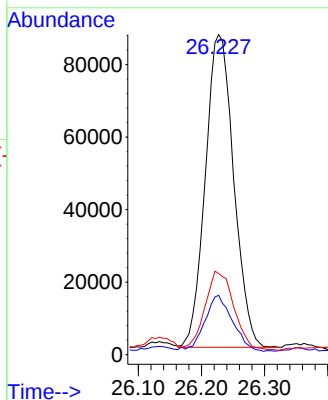
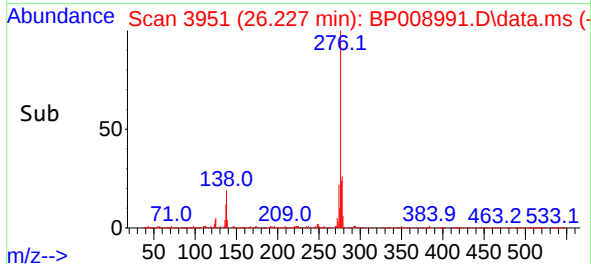
Instrument :
BNA_P
ClientSampleId :
SB-6(1.5-2)



Tgt Ion:276 Resp: 26954
Ion Ratio Lower Upper
276 100
138 17.0 17.8 26.6
277 26.0 20.4 30.6

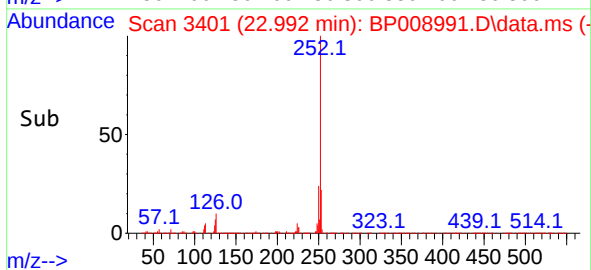
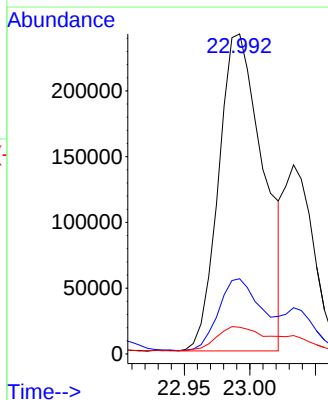
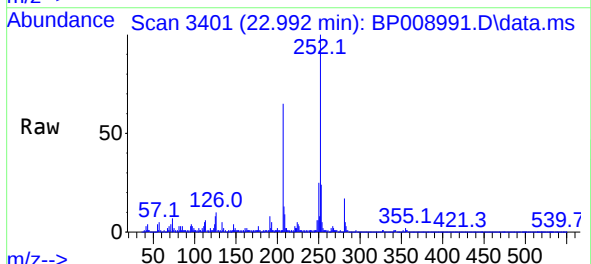
Manual Integrations
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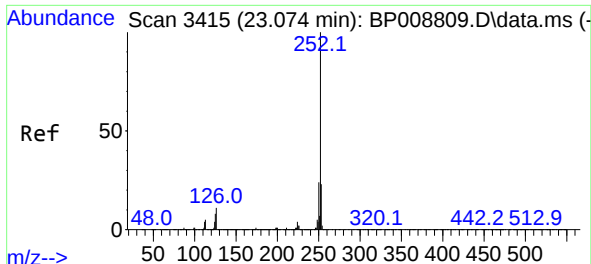
Reviewed By :Christian Giraldo 02/02/2022
Supervised By :Jagrut Upadhyay 02/02/2022



#88
Benzo(b)fluoranthene
Concen: 7.122 ng
RT: 22.992 min Scan# 3401
Delta R.T. -0.011 min
Lab File: BP008991.D
Acq: 01 Feb 2022 17:37

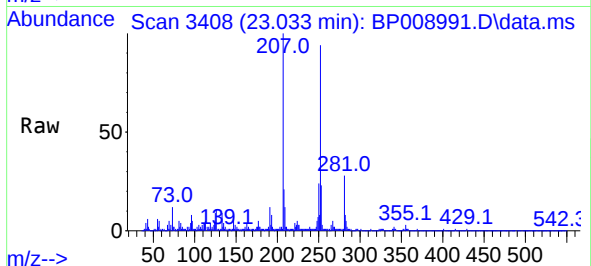
Tgt Ion:252 Resp: 572688
Ion Ratio Lower Upper
252 100
253 23.5 18.0 27.0
125 8.4 6.9 10.3





#89
Benzo(k)fluoranthene
Concen: 2.855 ng m
RT: 23.033 min Scan# 3415
Delta R.T. -0.017 min
Lab File: BP008991.D
Acq: 01 Feb 2022 17:37

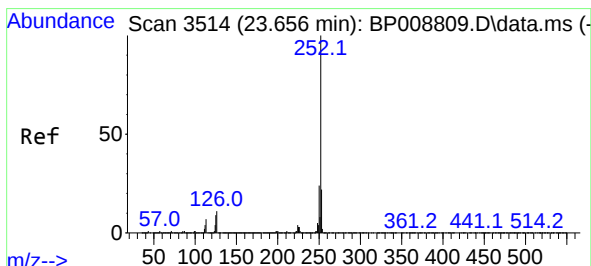
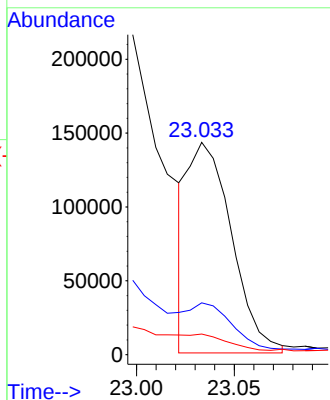
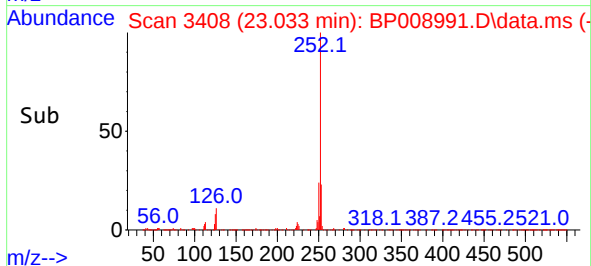
Instrument :
BNA_P
ClientSampleId :
SB-6(1.5-2)



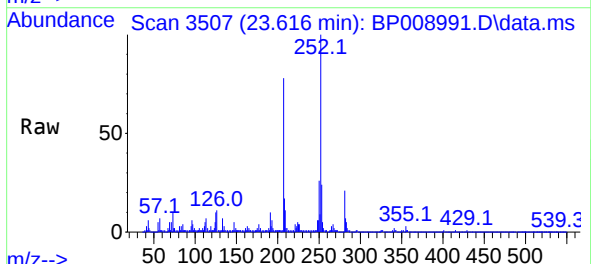
Tgt Ion:252 Resp: 22225
Ion Ratio Lower Upper
252 100
253 24.4 18.2 27.2
125 9.7 7.3 10.9

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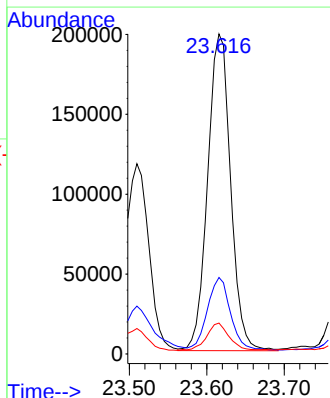
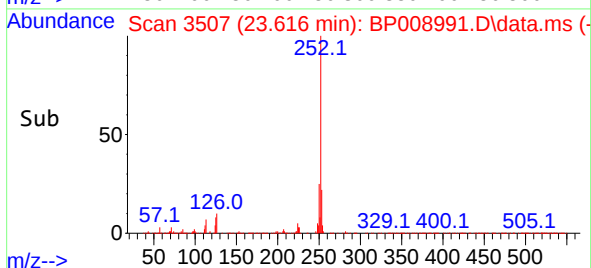
Reviewed By :Christian Giraldo 02/02/2022
Supervised By :Jagrut Upadhyay 02/02/2022

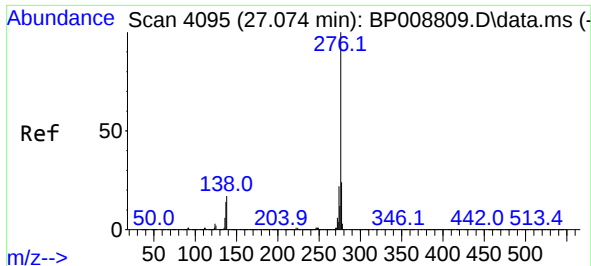


#90
Benzo(a)pyrene
Concen: 5.273 ng
RT: 23.616 min Scan# 3507
Delta R.T. -0.017 min
Lab File: BP008991.D
Acq: 01 Feb 2022 17:37



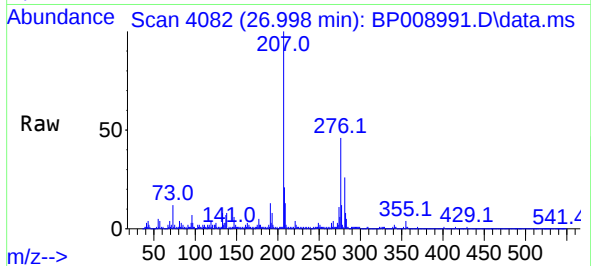
Tgt Ion:252 Resp: 409274
Ion Ratio Lower Upper
252 100
253 23.9 17.8 26.8
125 9.6 7.8 11.6





#92
Benzo(g,h,i)perylene
Concen: 3.195 ng
RT: 26.998 min Scan# 4095
Delta R.T. -0.035 min
Lab File: BP008991.D
Acq: 01 Feb 2022 17:37

Instrument :
BNA_P
ClientSampleId :
SB-6(1.5-2)



Tgt Ion: 276 Resp: 26318
Ion Ratio Lower Upper
276 100
277 25.6 19.2 28.8
138 16.7 15.0 22.4

Manual Integrations
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Reviewed By : Christian Giraldo 02/02/2022
Supervised By : Jagrut Upadhyay 02/02/2022

