

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010422\
 Data File : BP008680.D
 Acq On : 05 Jan 2022 01:29
 Operator : CG/JU
 Sample : M5342-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-4-(0-2)

Quant Time: Jan 05 04:29:55 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 30 08:44:33 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 01/05/2022
 Supervised By : Jagrut Upadhyay 01/05/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	677706	20.000	ng	-0.01
21) Naphthalene-d8	10.687	136	2674024	20.000	ng	-0.01
39) Acenaphthene-d10	14.522	164	1742701	20.000	ng	0.00
64) Phenanthrene-d10	17.269	188	3400358	20.000	ng	0.00
76) Chrysene-d12	21.351	240	2482573	20.000	ng	-0.01
86) Perylene-d12	23.780	264	2668271	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	3841822	103.472	ng	0.00
7) Phenol-d6	7.063	99	4774269	92.381	ng	0.00
23) Nitrobenzene-d5	9.046	82	2912505	64.794	ng	-0.01
42) 2,4,6-Tribromophenol	16.010	330	2314368	98.158	ng	0.00
45) 2-Fluorobiphenyl	13.145	172	8163725	67.870	ng	-0.01
79) Terphenyl-d14	19.827	244	9718650	79.931	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.310	178	2459625	13.417	ng	98
72) Anthracene	17.404	178	536491	3.003	ng	99
75) Fluoranthene	19.280	202	3811676	18.076	ng	97
78) Pyrene	19.627	202	3252617	20.139	ng	98
81) Benzo(a)anthracene	21.339	228	1613694	10.020	ng	99
83) Chrysene	21.386	228	1535945m	10.199	ng	
87) Indeno(1,2,3-cd)pyrene	26.298	276	1194863	6.667	ng	# 95
88) Benzo(b)fluoranthene	23.039	252	2023633	11.793	ng	98
89) Benzo(k)fluoranthene	23.080	252	756770m	4.436	ng	
90) Benzo(a)pyrene	23.668	252	1481400	10.709	ng	98
92) Benzo(g,h,i)perylene	27.074	276	1232262	8.716	ng	97

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

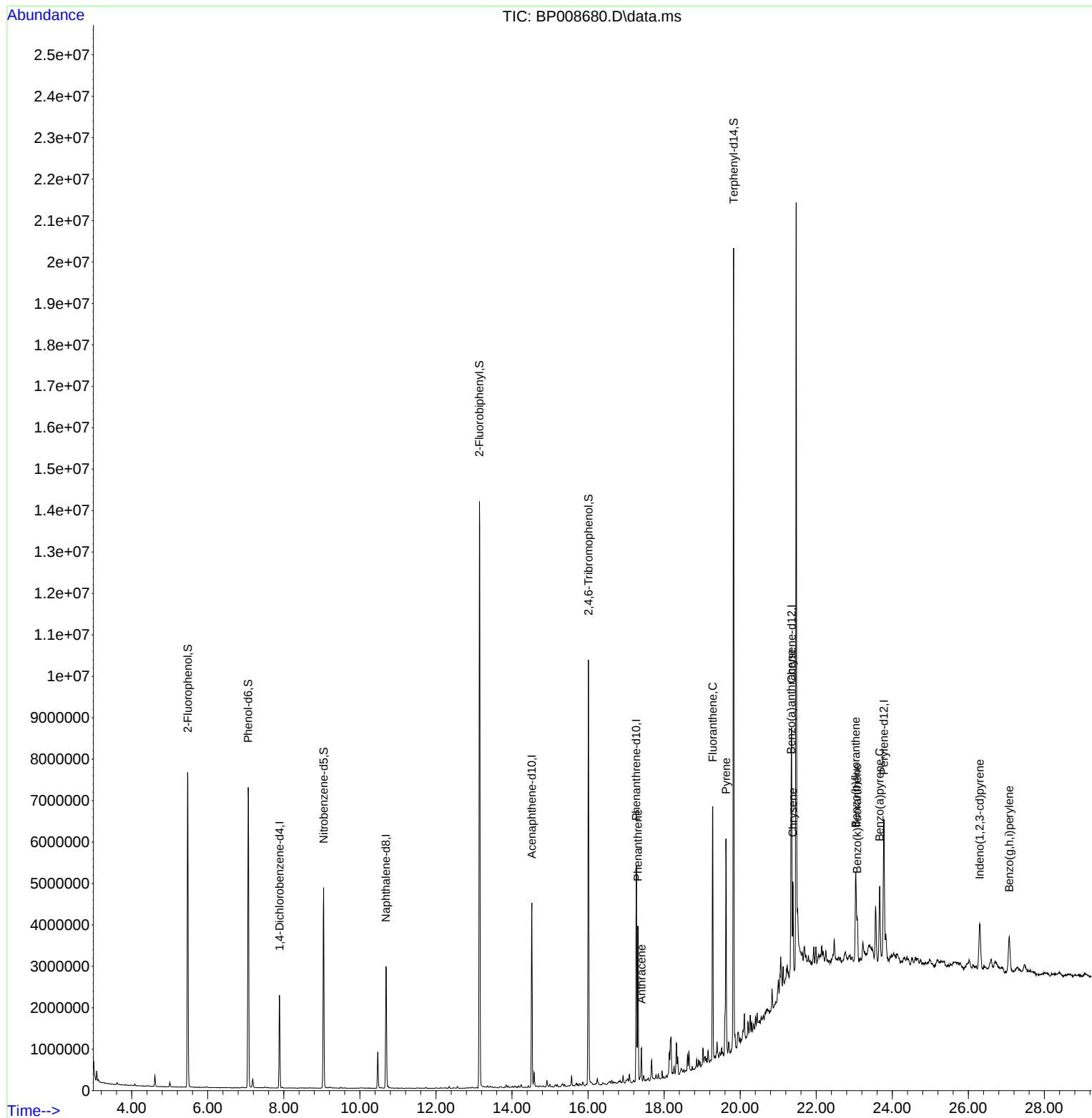
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010422\
Data File : BP008680.D
Acq On : 05 Jan 2022 01:29
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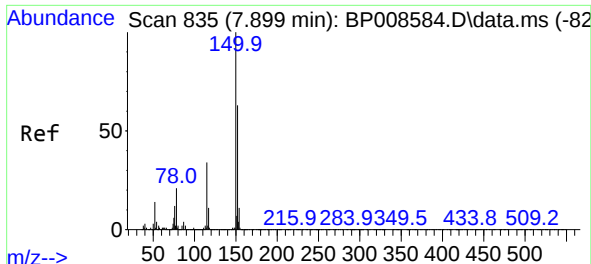
Instrument :
BNA_P
ClientSampleId :
SB-4-(0-2)

Quant Time: Jan 05 04:29:55 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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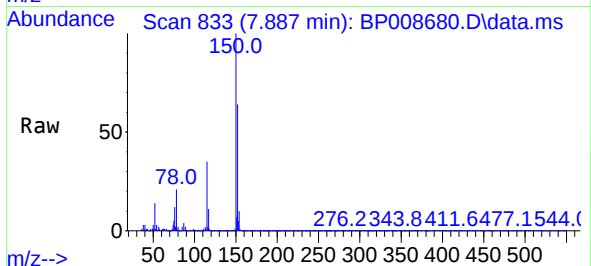
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Supervised By : Jagrut Upadhyay 01/05/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.887 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP008680.D
Acq: 05 Jan 2022 01:29

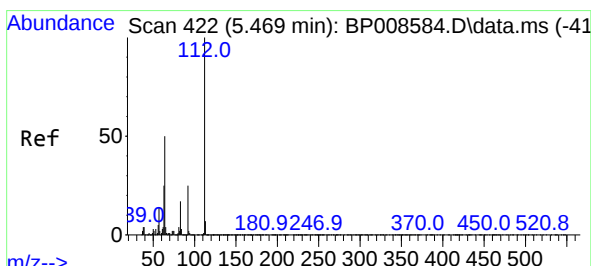
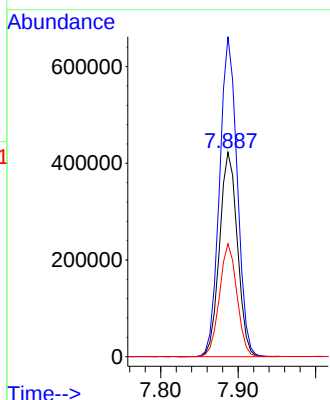
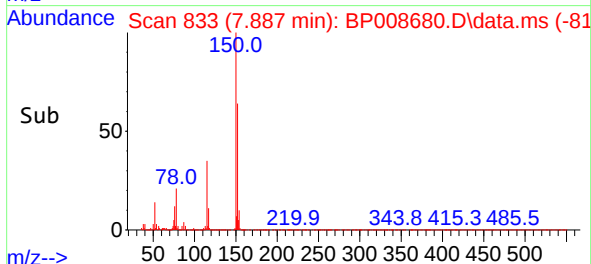
Instrument :
BNA_P
ClientSampleId :
SB-4-(0-2)



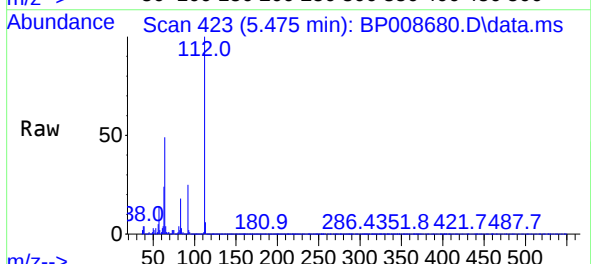
Tgt Ion:152 Resp: 677700
Ion Ratio Lower Upper
152 100
150 156.6 127.0 190.6
115 55.3 43.7 65.5

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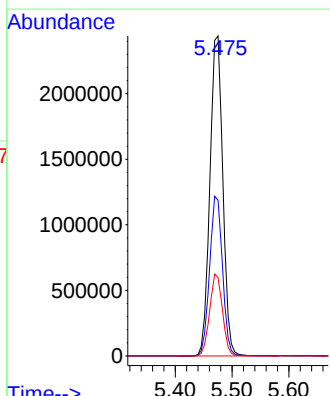
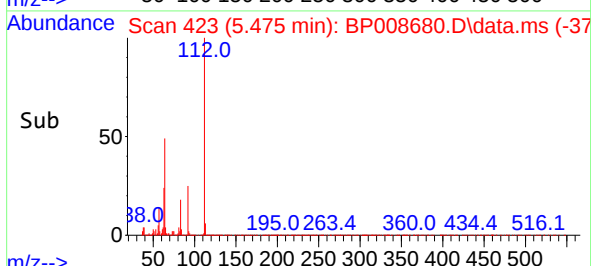
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022

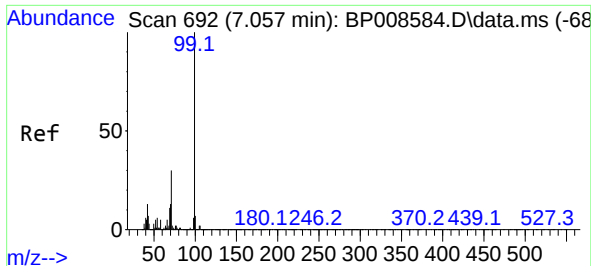


#5
2-Fluorophenol
Concen: 103.472 ng
RT: 5.475 min Scan# 423
Delta R.T. 0.006 min
Lab File: BP008680.D
Acq: 05 Jan 2022 01:29



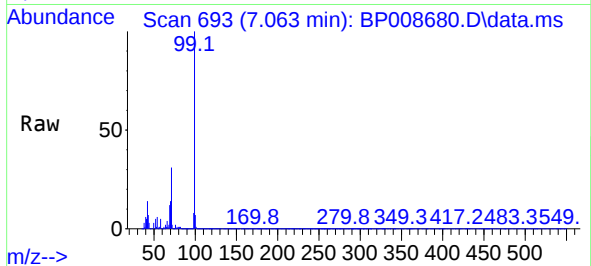
Tgt Ion:112 Resp: 3841822
Ion Ratio Lower Upper
112 100
64 48.7 39.7 59.5
63 24.5 20.0 30.0





#7
Phenol-d6
Concen: 92.381 ng
RT: 7.063 min Scan# 692
Delta R.T. 0.006 min
Lab File: BP008680.D
Acq: 05 Jan 2022 01:29

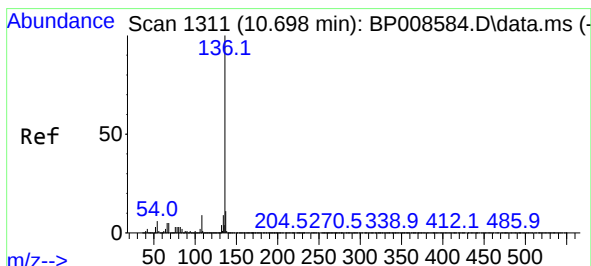
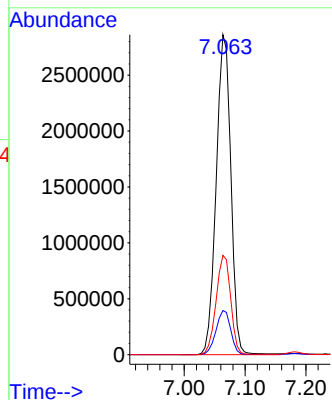
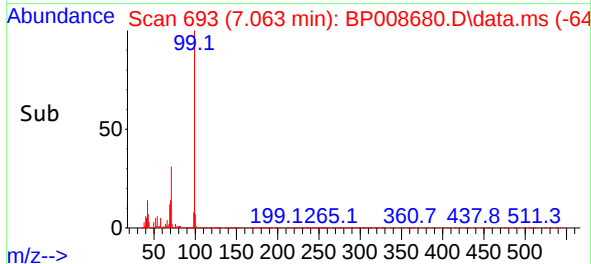
Instrument :
BNA_P
ClientSampleId :
SB-4-(0-2)



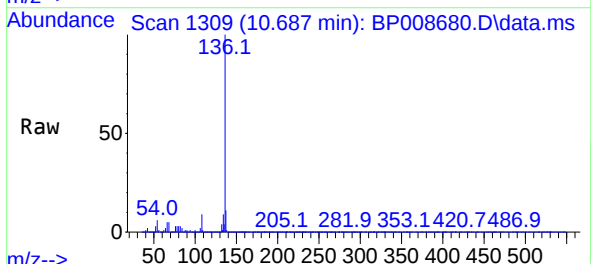
Tgt Ion: 99 Resp: 4774269
Ion Ratio Lower Upper
99 100
42 13.8 10.8 16.2
71 31.1 23.8 35.6

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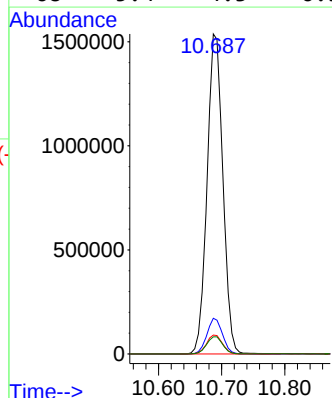
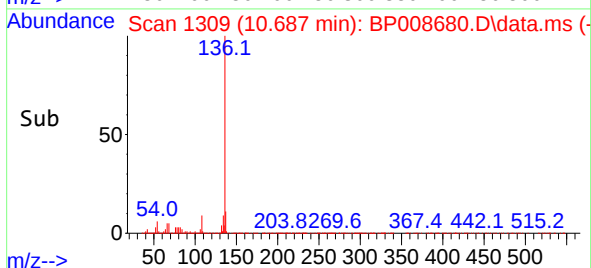
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022

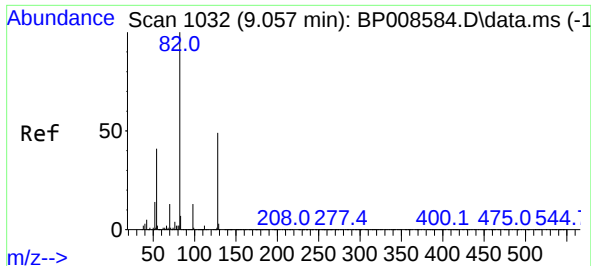


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.687 min Scan# 1309
Delta R.T. -0.012 min
Lab File: BP008680.D
Acq: 05 Jan 2022 01:29



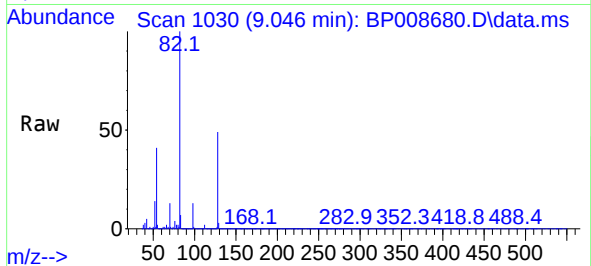
Tgt Ion:136 Resp: 2674024
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 5.9 4.9 7.3
68 5.4 4.3 6.5





#23
Nitrobenzene-d5
Concen: 64.794 ng
RT: 9.046 min Scan# 1032
Delta R.T. -0.012 min
Lab File: BP008680.D
Acq: 05 Jan 2022 01:29

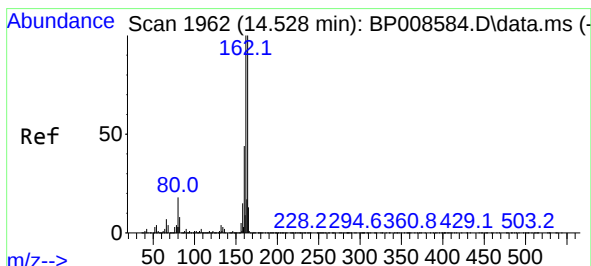
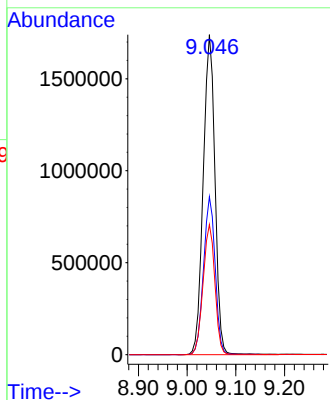
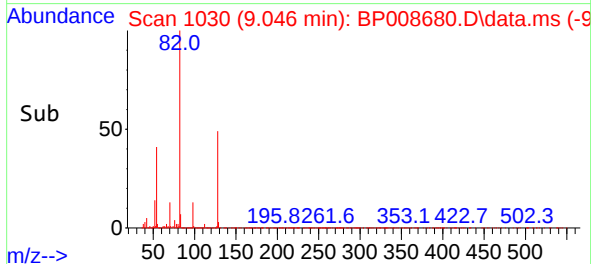
Instrument :
BNA_P
ClientSampleId :
SB-4-(0-2)



Tgt Ion: 82 Resp: 291250
Ion Ratio Lower Upper
82 100
128 49.3 39.4 59.2
54 40.6 32.6 48.8

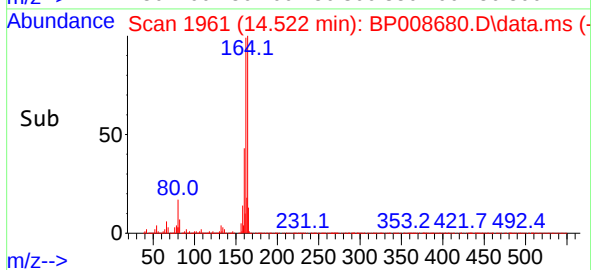
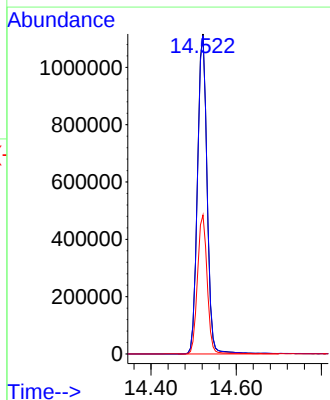
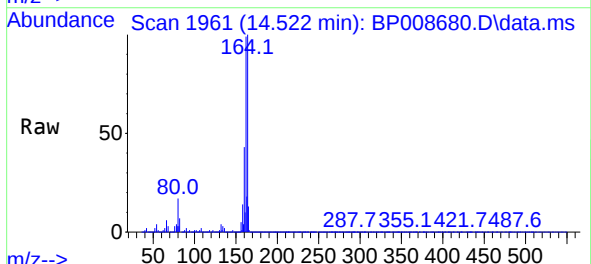
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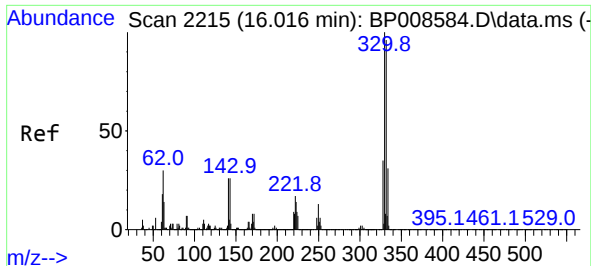
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.522 min Scan# 1961
Delta R.T. -0.006 min
Lab File: BP008680.D
Acq: 05 Jan 2022 01:29

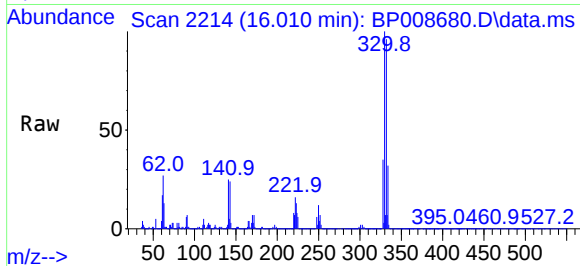
Tgt Ion:164 Resp: 1742701
Ion Ratio Lower Upper
164 100
162 99.5 79.9 119.9
160 43.4 35.5 53.3





#42
2,4,6-Tribromophenol
Concen: 98.158 ng
RT: 16.010 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP008680.D
Acq: 05 Jan 2022 01:29

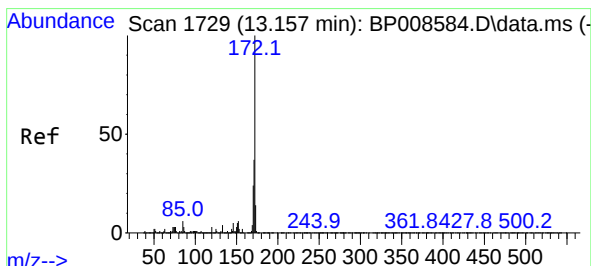
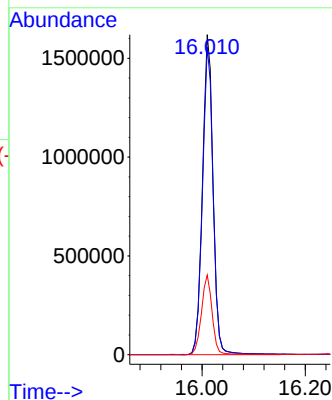
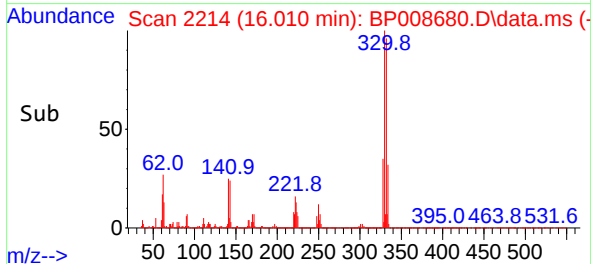
Instrument :
BNA_P
ClientSampleId :
SB-4-(0-2)



Tgt Ion: 330 Resp: 231436
Ion Ratio Lower Upper
330 100
332 96.4 77.0 115.4
141 24.8 21.3 31.9

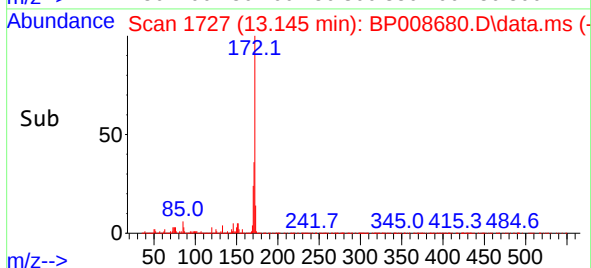
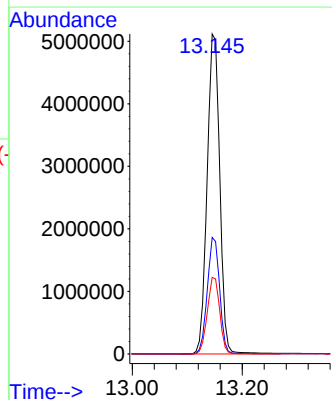
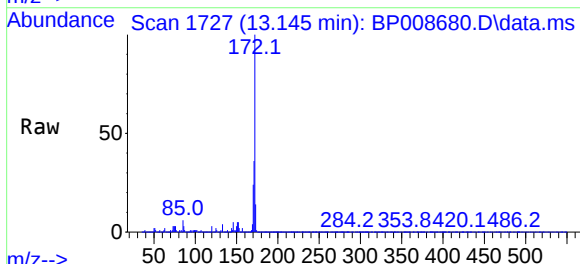
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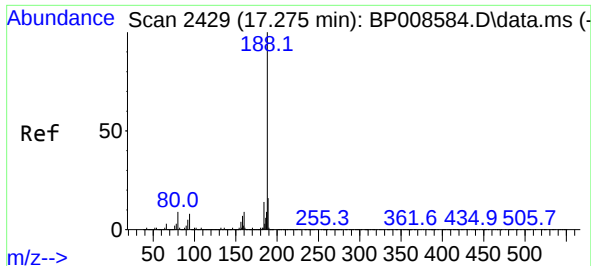
Reviewed By : Christian Giraldo 01/05/2022
Supervised By : Jagrut Upadhyay 01/05/2022



#45
2-Fluorobiphenyl
Concen: 67.870 ng
RT: 13.145 min Scan# 1727
Delta R.T. -0.012 min
Lab File: BP008680.D
Acq: 05 Jan 2022 01:29

Tgt Ion: 172 Resp: 8163725
Ion Ratio Lower Upper
172 100
171 36.4 29.3 43.9
170 23.9 19.5 29.3





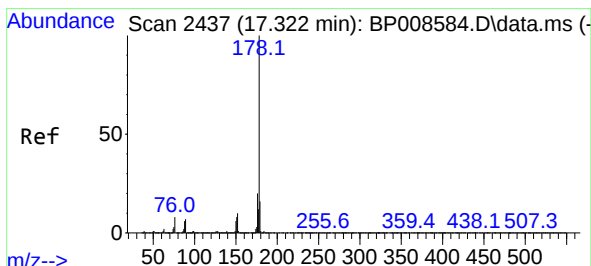
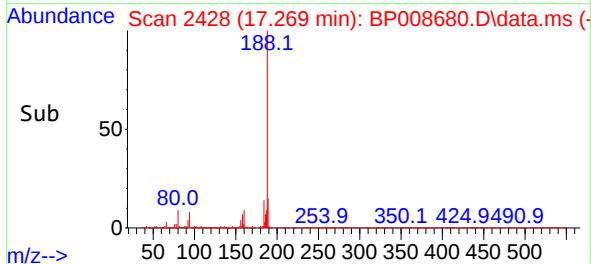
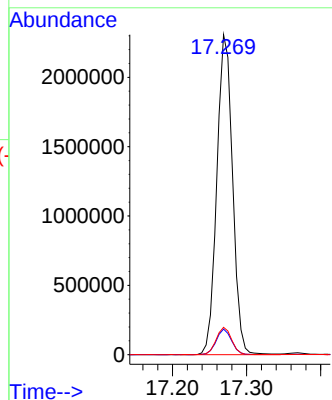
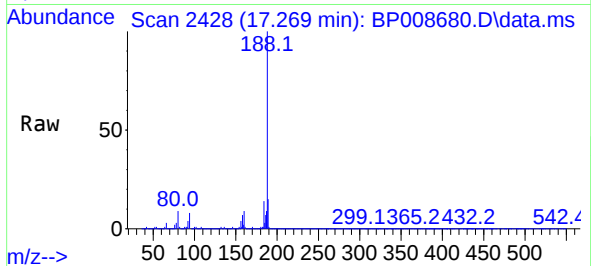
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.269 min Scan# 2428
Delta R.T. -0.006 min
Lab File: BP008680.D
Acq: 05 Jan 2022 01:29

Instrument :
BNA_P
ClientSampleId :
SB-4-(0-2)

Tgt Ion:188 Resp: 3400358
Ion Ratio Lower Upper
188 100
94 8.0 6.8 10.2
80 8.6 7.2 10.8

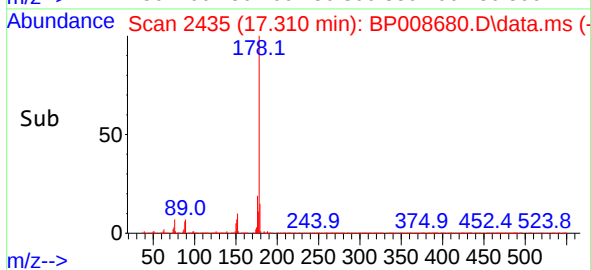
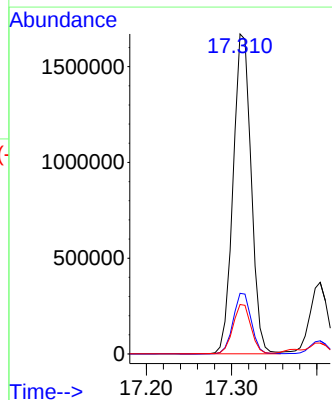
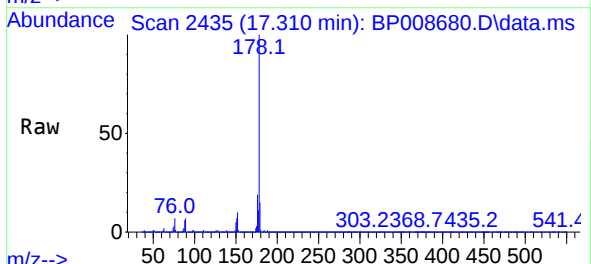
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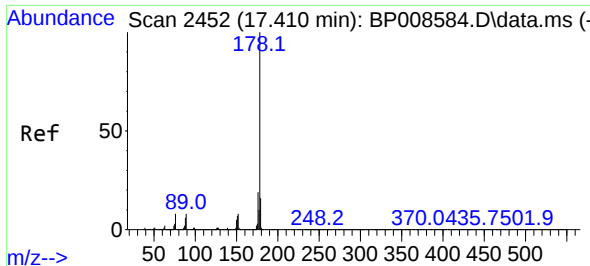
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022



#71
Phenanthrene
Concen: 13.417 ng
RT: 17.310 min Scan# 2435
Delta R.T. -0.012 min
Lab File: BP008680.D
Acq: 05 Jan 2022 01:29

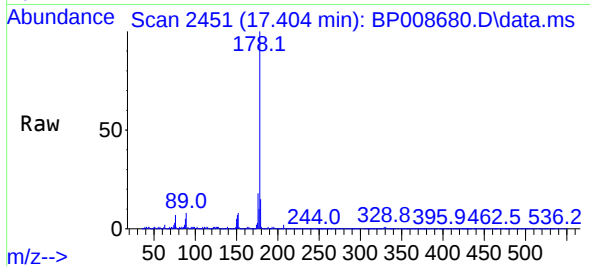
Tgt Ion:178 Resp: 2459625
Ion Ratio Lower Upper
178 100
176 19.0 16.0 24.0
179 15.4 13.0 19.4





#72
 Anthracene
 Concen: 3.003 ng
 RT: 17.404 min Scan# 2452
 Delta R.T. -0.006 min
 Lab File: BP008680.D
 Acq: 05 Jan 2022 01:29

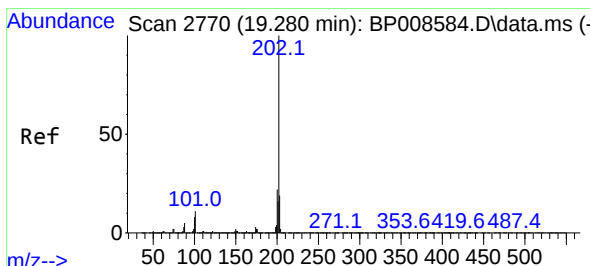
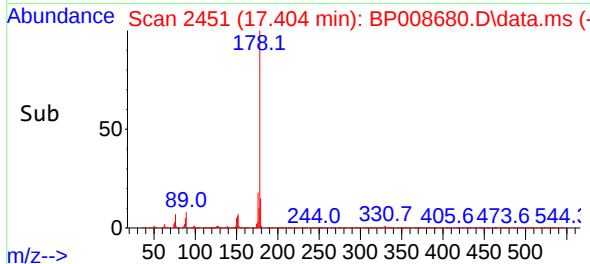
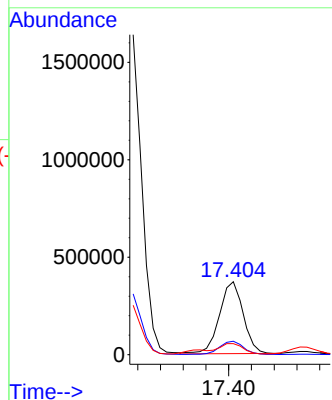
Instrument :
 BNA_P
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 SB-4-(0-2)



Tgt Ion:178 Resp: 536491
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.1 22.7
 179 15.2 12.8 19.2

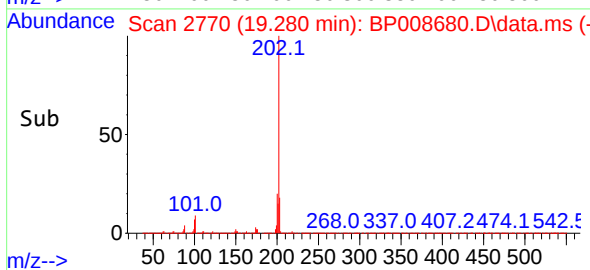
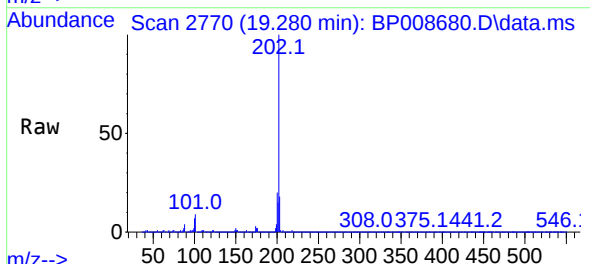
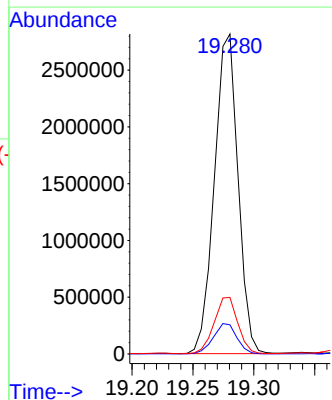
Manual Integrations
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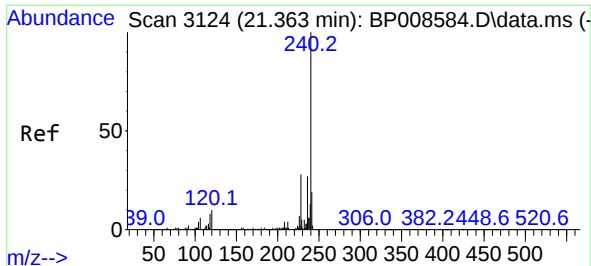
Reviewed By :Christian Giraldo 01/05/2022
 Supervised By :Jagrut Upadhyay 01/05/2022



#75
 Fluoranthene
 Concen: 18.076 ng
 RT: 19.280 min Scan# 2770
 Delta R.T. 0.000 min
 Lab File: BP008680.D
 Acq: 05 Jan 2022 01:29

Tgt Ion:202 Resp: 3811676
 Ion Ratio Lower Upper
 202 100
 101 9.1 0.0 30.7
 203 17.6 0.0 38.9





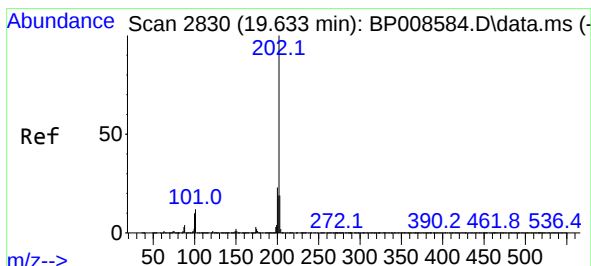
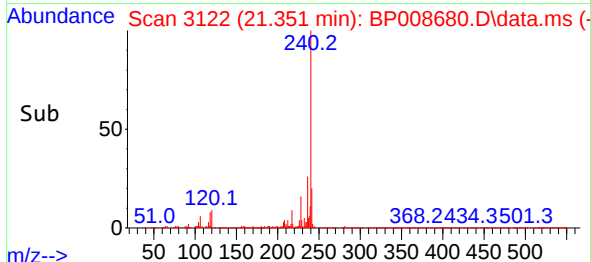
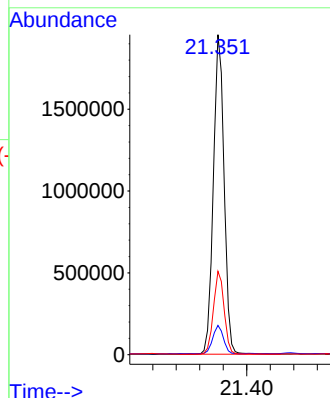
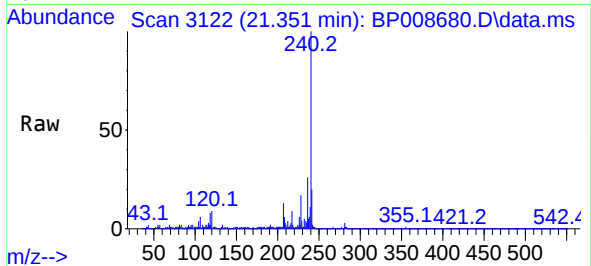
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.351 min Scan# 3124
Delta R.T. -0.012 min
Lab File: BP008680.D
Acq: 05 Jan 2022 01:29

Instrument :
BNA_P
ClientSampleId :
SB-4-(0-2)

Tgt Ion:240 Resp: 248257
Ion Ratio Lower Upper
240 100
120 9.1 7.7 11.5
236 26.0 21.2 31.8

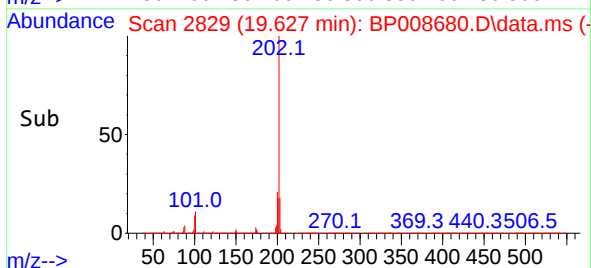
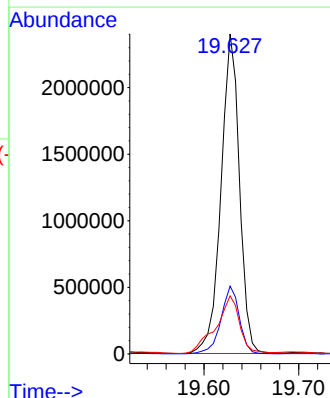
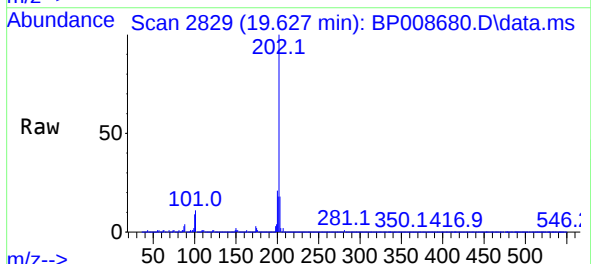
Manual Integrations
APPROVED

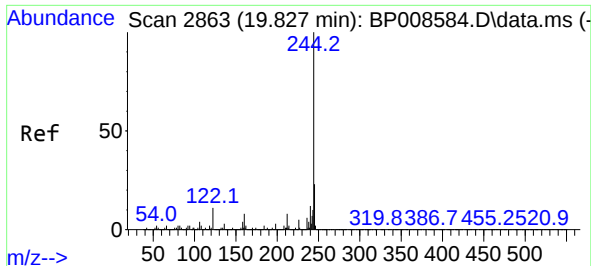
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022



#78
Pyrene
Concen: 20.139 ng
RT: 19.627 min Scan# 2829
Delta R.T. -0.006 min
Lab File: BP008680.D
Acq: 05 Jan 2022 01:29

Tgt Ion:202 Resp: 3252617
Ion Ratio Lower Upper
202 100
200 21.2 18.0 27.0
203 18.1 15.0 22.6





#79
 Terphenyl-d14
 Concen: 79.931 ng
 RT: 19.827 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BP008680.D
 Acq: 05 Jan 2022 01:29

Instrument :

BNA_P

ClientSampleId :

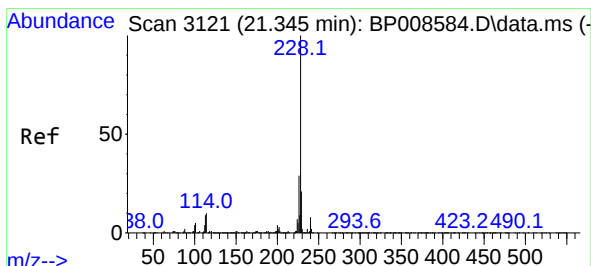
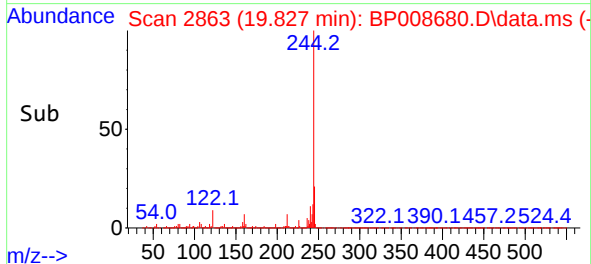
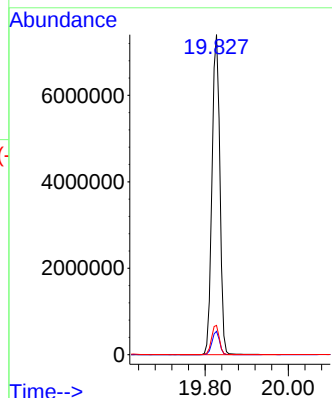
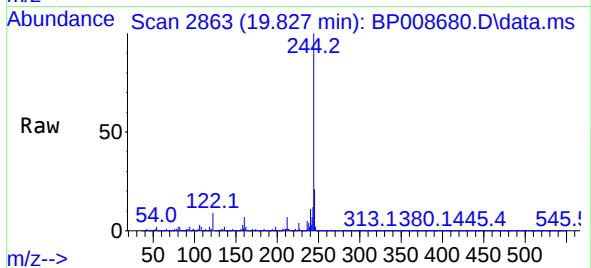
SB-4-(0-2)

Tgt Ion:244 Resp: 9718650
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.5 9.7
 122 9.1 9.2 13.8

Manual Integrations

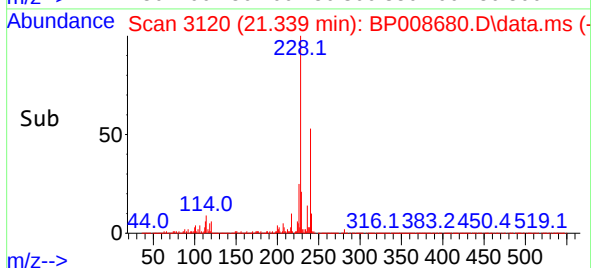
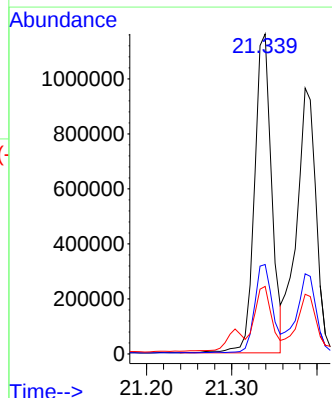
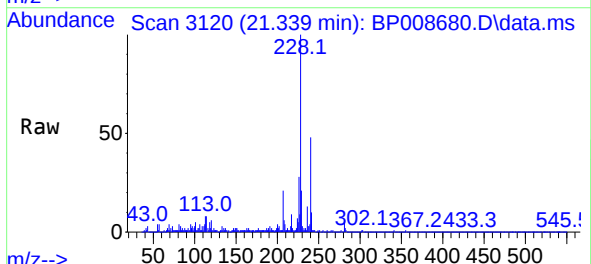
APPROVED

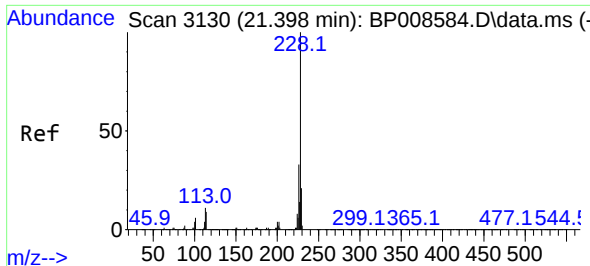
Reviewed By :Christian Giraldo 01/05/2022
 Supervised By :Jagrut Upadhyay 01/05/2022



#81
 Benzo(a)anthracene
 Concen: 10.020 ng
 RT: 21.339 min Scan# 3120
 Delta R.T. -0.006 min
 Lab File: BP008680.D
 Acq: 05 Jan 2022 01:29

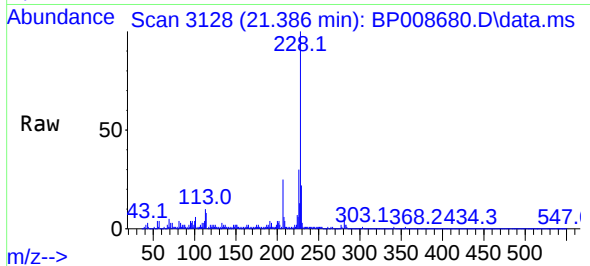
Tgt Ion:228 Resp: 1613694
 Ion Ratio Lower Upper
 228 100
 226 27.9 23.3 34.9
 229 21.1 17.0 25.6





#83
Chrysene
Concen: 10.199 ng m
RT: 21.386 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP008680.D
Acq: 05 Jan 2022 01:29

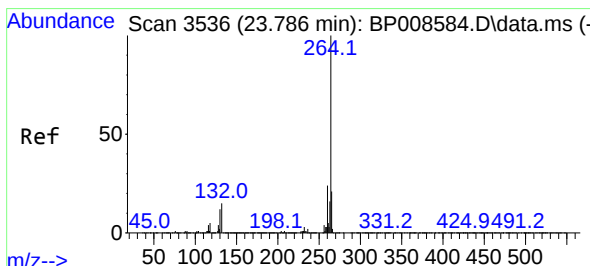
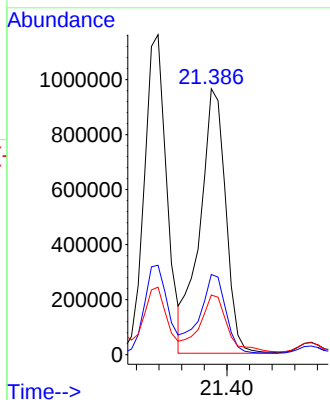
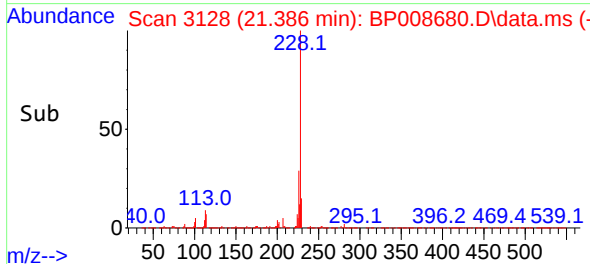
Instrument :
BNA_P
ClientSampleId :
SB-4-(0-2)



Tgt Ion:228 Resp: 153594
Ion Ratio Lower Upper
228 100
226 30.1 26.0 39.0
229 22.4 16.9 25.3

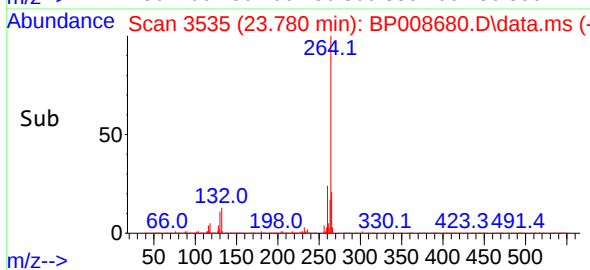
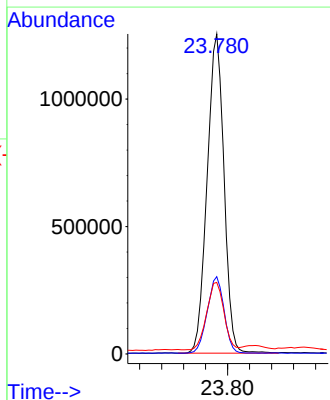
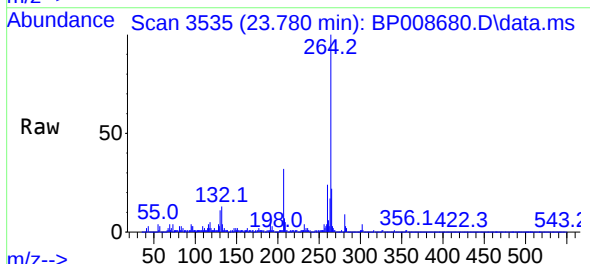
Manual Integrations
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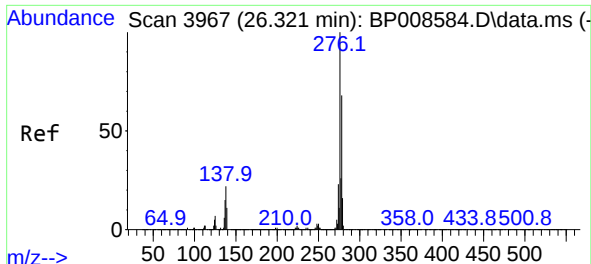
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.780 min Scan# 3535
Delta R.T. -0.006 min
Lab File: BP008680.D
Acq: 05 Jan 2022 01:29

Tgt Ion:264 Resp: 2668271
Ion Ratio Lower Upper
264 100
260 24.1 19.1 28.7
265 22.4 17.1 25.7





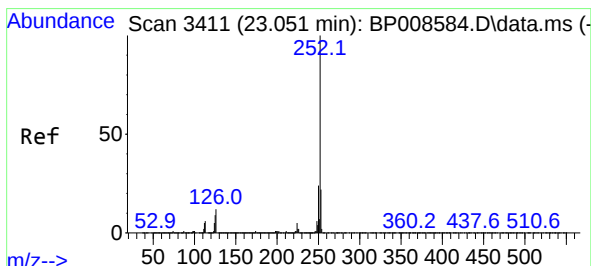
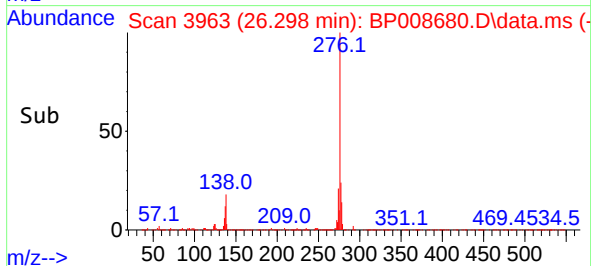
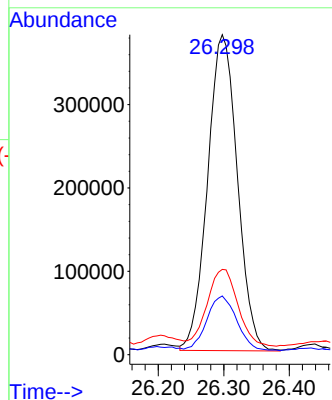
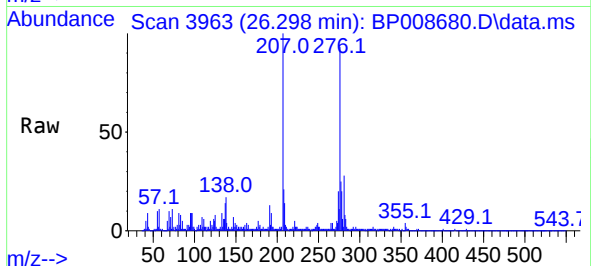
#87
Indeno(1,2,3-cd)pyrene
Concen: 6.667 ng
RT: 26.298 min Scan# 3409
Delta R.T. -0.023 min
Lab File: BP008680.D
Acq: 05 Jan 2022 01:29

Instrument :
BNA_P
ClientSampleId :
SB-4-(0-2)

Tgt Ion:276 Resp: 119486
Ion Ratio Lower Upper
276 100
138 17.5 17.8 26.6
277 25.2 20.4 30.6

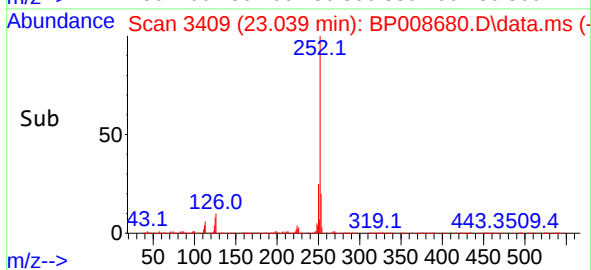
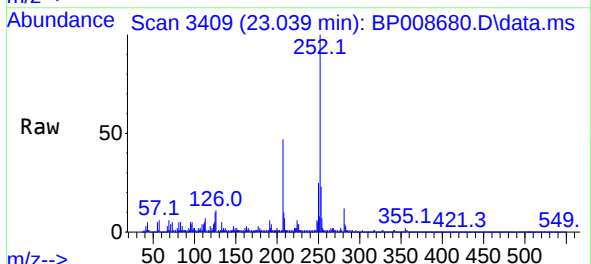
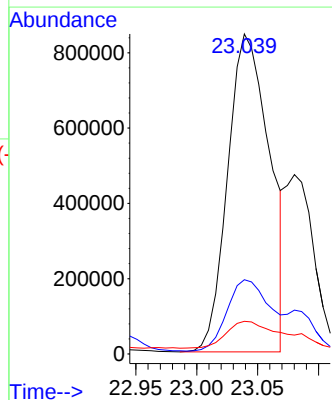
Manual Integrations
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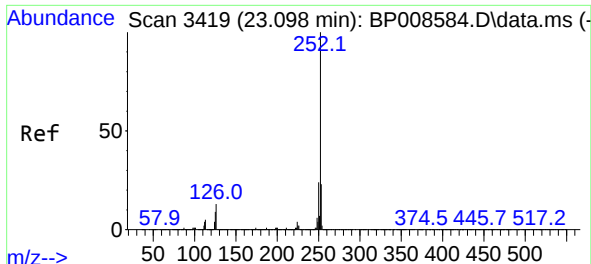
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022



#88
Benzo(b)fluoranthene
Concen: 11.793 ng
RT: 23.039 min Scan# 3409
Delta R.T. -0.012 min
Lab File: BP008680.D
Acq: 05 Jan 2022 01:29

Tgt Ion:252 Resp: 2023633
Ion Ratio Lower Upper
252 100
253 23.2 18.0 27.0
125 10.2 6.9 10.3





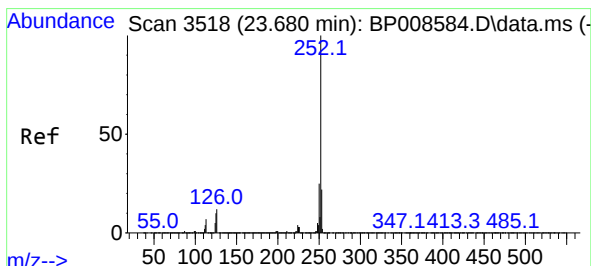
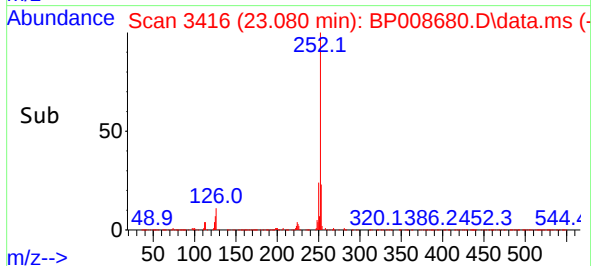
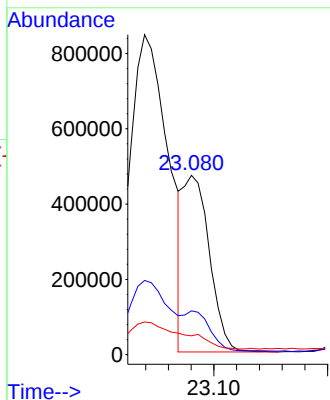
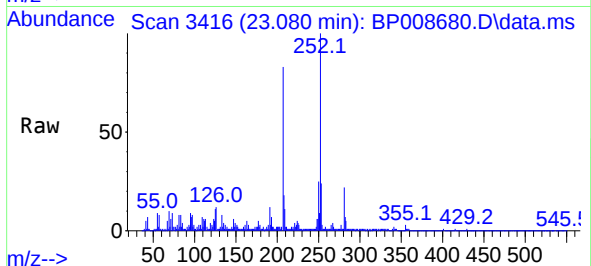
#89
Benzo(k)fluoranthene
Concen: 4.436 ng m
RT: 23.080 min Scan# 3419
Delta R.T. -0.018 min
Lab File: BP008680.D
Acq: 05 Jan 2022 01:29

Instrument :
BNA_P
ClientSampleId :
SB-4-(0-2)

Tgt Ion:252 Resp: 756770
Ion Ratio Lower Upper
252 100
253 24.4 18.2 27.2
125 10.6 7.3 10.9

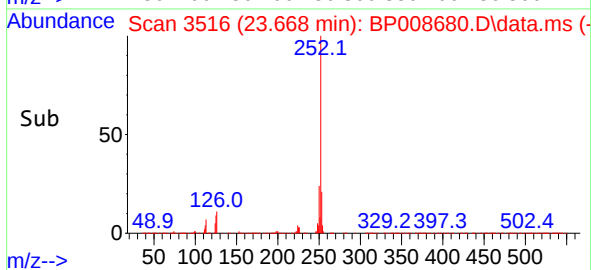
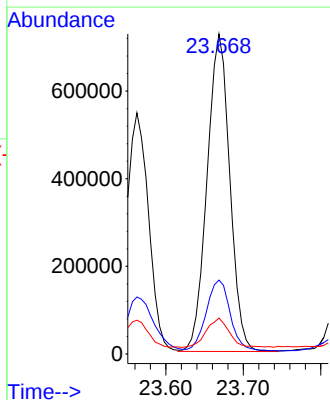
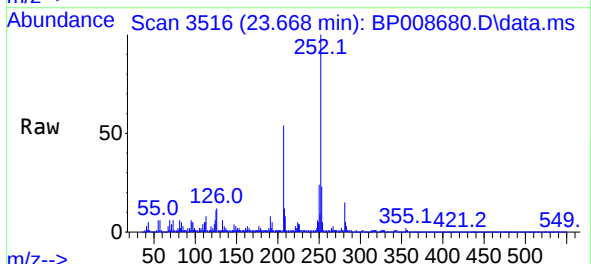
Manual Integrations
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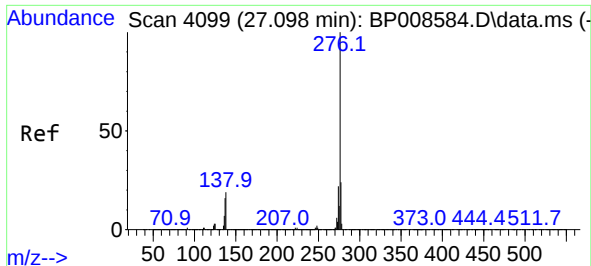
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022



#90
Benzo(a)pyrene
Concen: 10.709 ng
RT: 23.668 min Scan# 3516
Delta R.T. -0.012 min
Lab File: BP008680.D
Acq: 05 Jan 2022 01:29

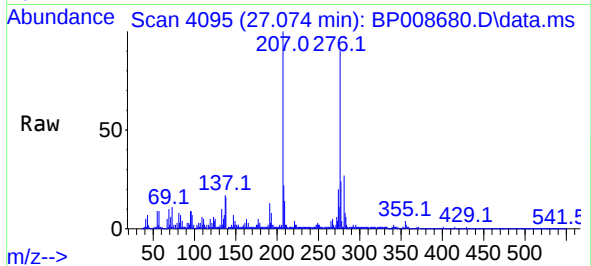
Tgt Ion:252 Resp: 1481400
Ion Ratio Lower Upper
252 100
253 23.1 17.8 26.8
125 11.2 7.8 11.6





#92
Benzo(g,h,i)perylene
Concen: 8.716 ng
RT: 27.074 min Scan# 4095
Delta R.T. -0.023 min
Lab File: BP008680.D
Acq: 05 Jan 2022 01:29

Instrument :
BNA_P
ClientSampleId :
SB-4-(0-2)



Tgt Ion: 276 Resp: 123226
Ion Ratio Lower Upper
276 100
277 26.5 19.2 28.8
138 18.2 15.0 22.4

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 01/05/2022
Supervised By : Jagrut Upadhyay 01/05/2022

