

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010422\
 Data File : BP008673.D
 Acq On : 04 Jan 2022 21:33
 Operator : CG/JU
 Sample : M5342-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-7-(0-2)

Manual Integrations
 APPROVED

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

Quant Time: Jan 05 04:28:06 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	633071	20.000	ng	-0.01
21) Naphthalene-d8	10.687	136	2467188	20.000	ng	-0.01
39) Acenaphthene-d10	14.516	164	1591535	20.000	ng	-0.01
64) Phenanthrene-d10	17.269	188	3316658	20.000	ng	0.00
76) Chrysene-d12	21.345	240	2680237	20.000	ng	-0.02
86) Perylene-d12	23.768	264	2641108	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	3943012	113.685	ng	0.00
7) Phenol-d6	7.058	99	4897519	101.447	ng	0.00
23) Nitrobenzene-d5	9.046	82	3024125	72.917	ng	-0.01
42) 2,4,6-Tribromophenol	16.004	330	2591787	120.364	ng	-0.01
45) 2-Fluorobiphenyl	13.145	172	8289501	75.462	ng	-0.01
79) Terphenyl-d14	19.822	244	11099089	84.552	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.304	178	872769	4.881	ng	97
75) Fluoranthene	19.269	202	1330687	6.470	ng	97
78) Pyrene	19.622	202	1122223	6.436	ng	97
81) Benzo(a)anthracene	21.333	228	634372	3.648	ng	99
83) Chrysene	21.380	228	560524m	3.447	ng	
88) Benzo(b)fluoranthene	23.033	252	687393	4.047	ng	99
90) Benzo(a)pyrene	23.657	252	472375	3.450	ng	98
92) Benzo(g,h,i)perylene	27.051	276	310788	2.221	ng	# 88

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

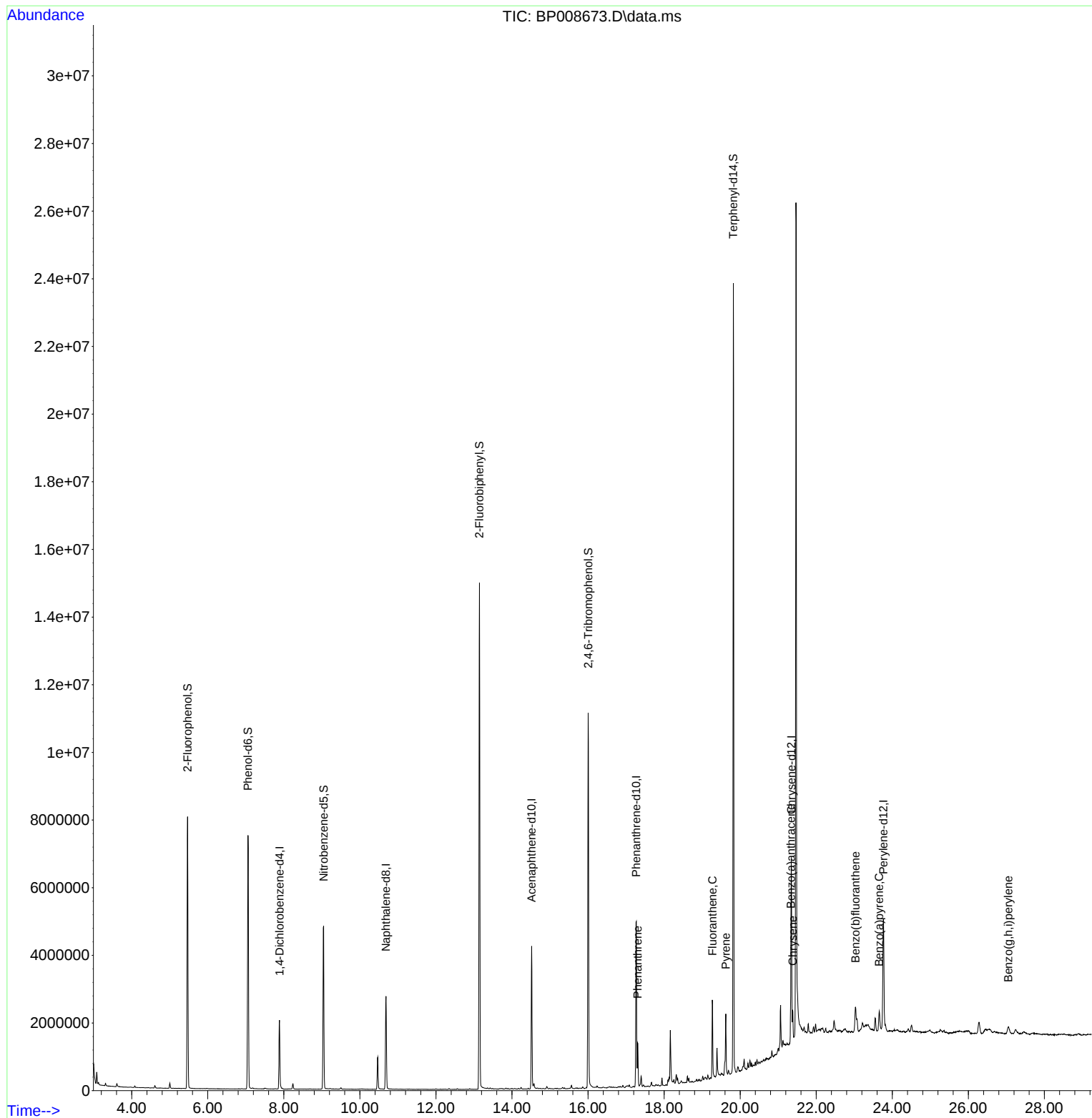
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010422\
Data File : BP008673.D
Acq On : 04 Jan 2022 21:33
Operator : CG/JU
Sample : M5342-04
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ALS Vial : 12 Sample Multiplier: 1

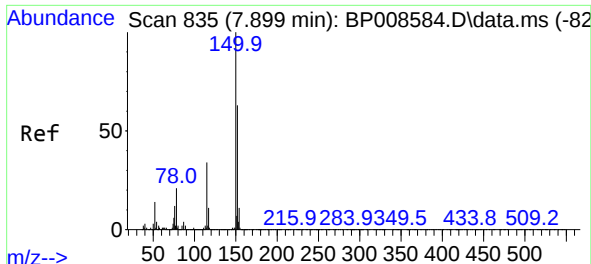
Instrument :
BNA_P
ClientSampleId :
SB-7-(0-2)

Quant Time: Jan 05 04:28:06 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
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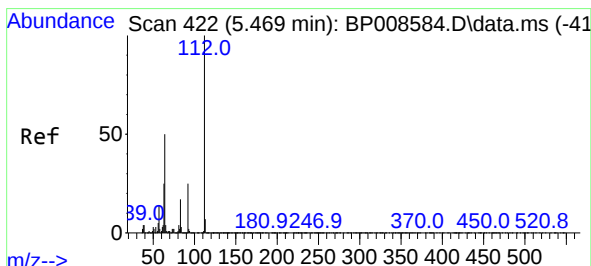
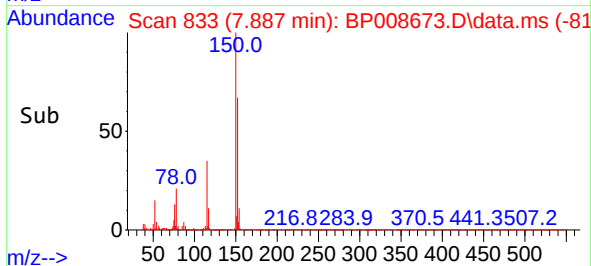
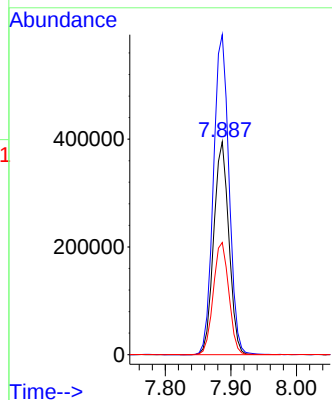
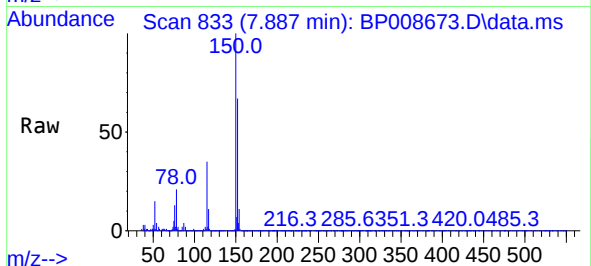
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.887 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP008673.D
Acq: 04 Jan 2022 21:33

Instrument :
BNA_P
ClientSampleId :
SB-7-(0-2)

Tgt Ion:152 Resp: 63307
Ion Ratio Lower Upper
152 100
150 150.3 127.0 190.6
115 52.7 43.7 65.5

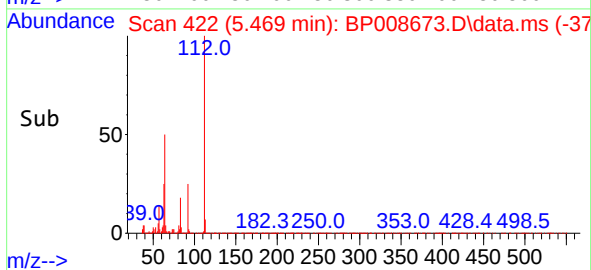
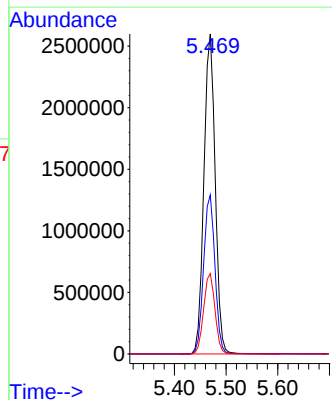
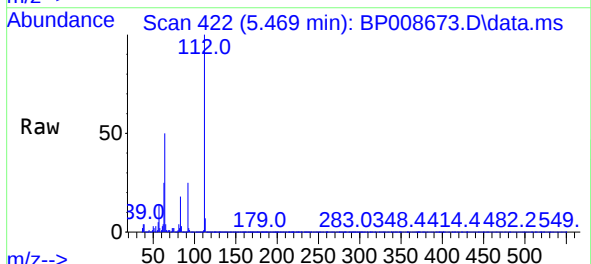
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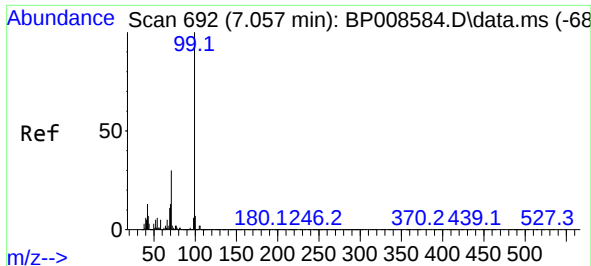
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022



#5
2-Fluorophenol
Concen: 113.685 ng
RT: 5.469 min Scan# 422
Delta R.T. 0.000 min
Lab File: BP008673.D
Acq: 04 Jan 2022 21:33

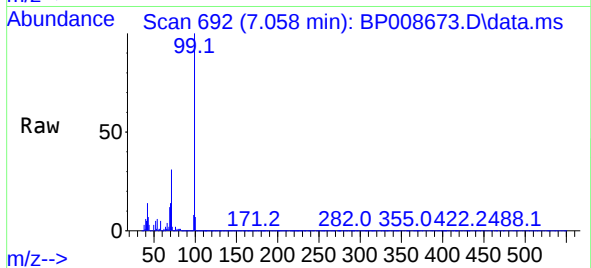
Tgt Ion:112 Resp: 3943012
Ion Ratio Lower Upper
112 100
64 49.7 39.7 59.5
63 25.1 20.0 30.0





#7
Phenol-d6
Concen: 101.447 ng
RT: 7.058 min Scan# 692
Delta R.T. 0.000 min
Lab File: BP008673.D
Acq: 04 Jan 2022 21:33

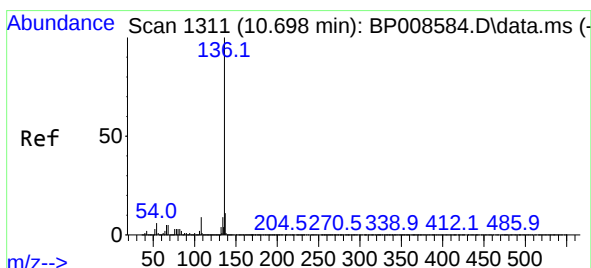
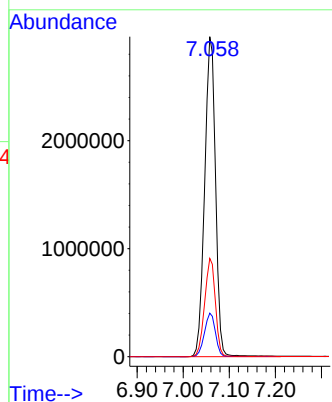
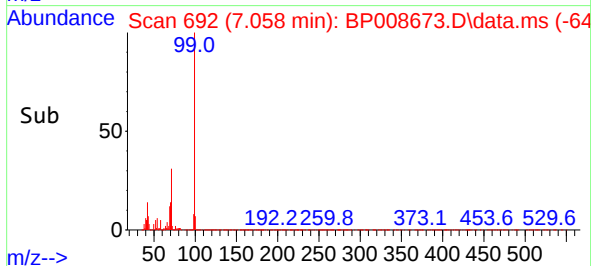
Instrument :
BNA_P
ClientSampleId :
SB-7-(0-2)



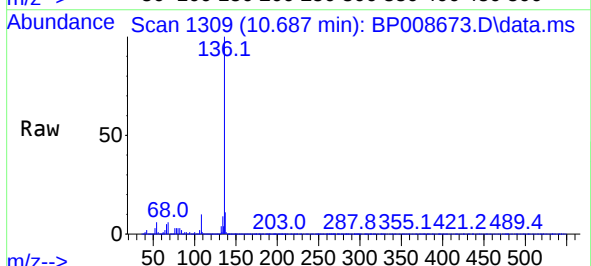
Tgt Ion: 99 Resp: 4897519
Ion Ratio Lower Upper
99 100
42 13.6 10.8 16.2
71 30.7 23.8 35.6

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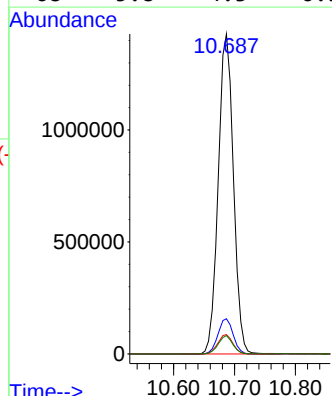
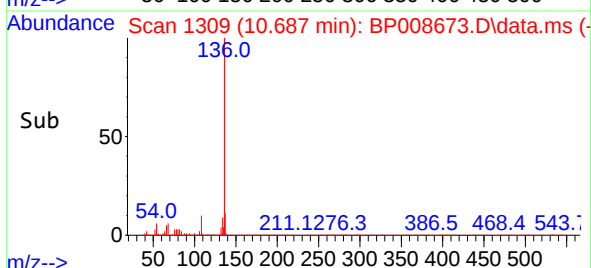
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022

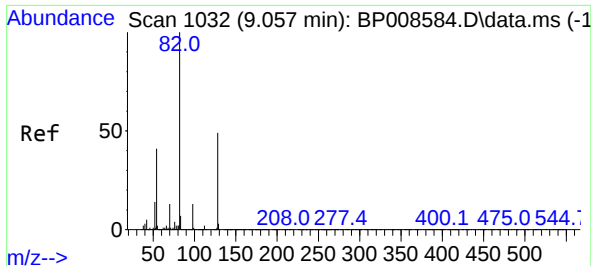


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.687 min Scan# 1309
Delta R.T. -0.012 min
Lab File: BP008673.D
Acq: 04 Jan 2022 21:33



Tgt Ion:136 Resp: 2467188
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 6.1 4.9 7.3
68 5.8 4.3 6.5





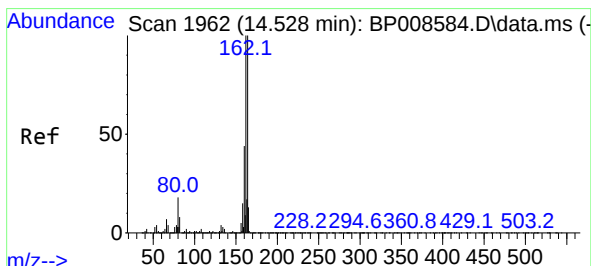
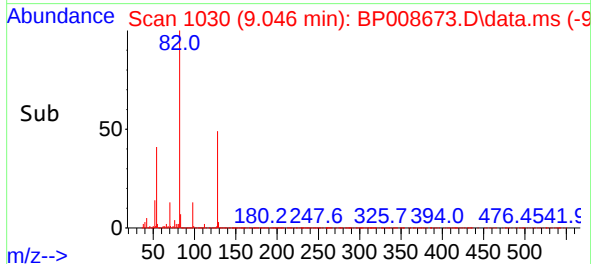
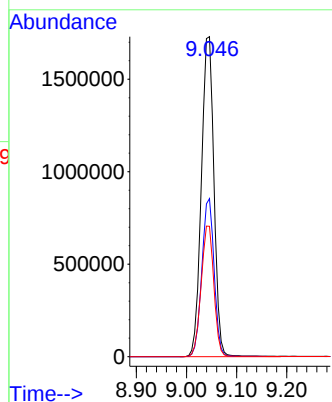
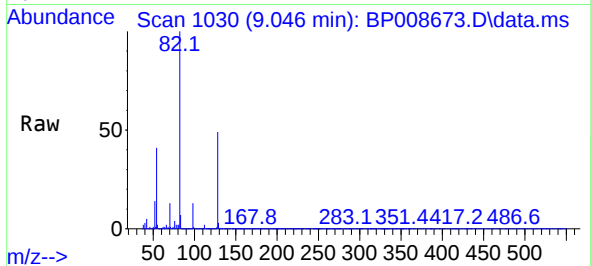
#23
Nitrobenzene-d5
Concen: 72.917 ng
RT: 9.046 min Scan# 1032
Delta R.T. -0.012 min
Lab File: BP008673.D
Acq: 04 Jan 2022 21:33

Instrument :
BNA_P
ClientSampleId :
SB-7-(0-2)

Tgt Ion: 82 Resp: 302412
Ion Ratio Lower Upper
82 100
128 49.4 39.4 59.2
54 40.7 32.6 48.8

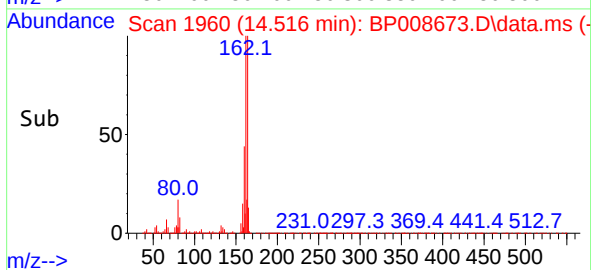
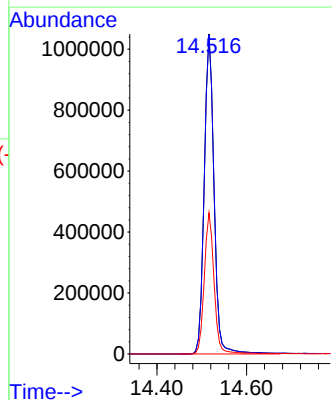
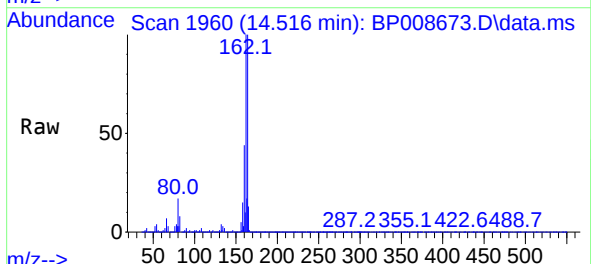
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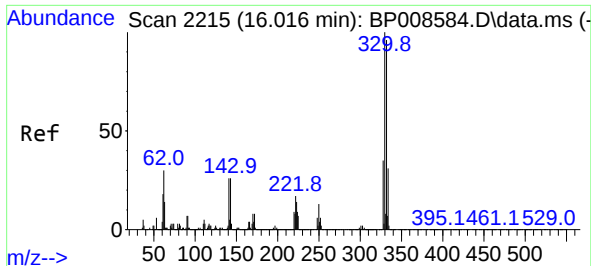
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.516 min Scan# 1960
Delta R.T. -0.012 min
Lab File: BP008673.D
Acq: 04 Jan 2022 21:33

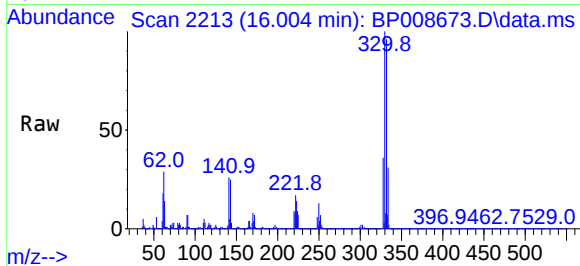
Tgt Ion:164 Resp: 1591535
Ion Ratio Lower Upper
164 100
162 99.7 79.9 119.9
160 44.1 35.5 53.3





#42
2,4,6-Tribromophenol
Concen: 120.364 ng
RT: 16.004 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP008673.D
Acq: 04 Jan 2022 21:33

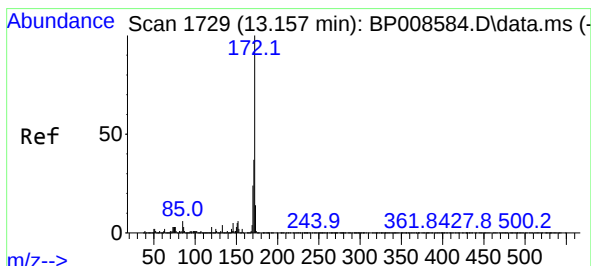
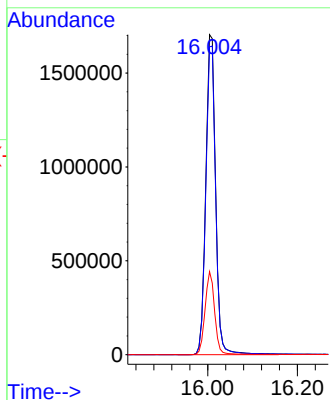
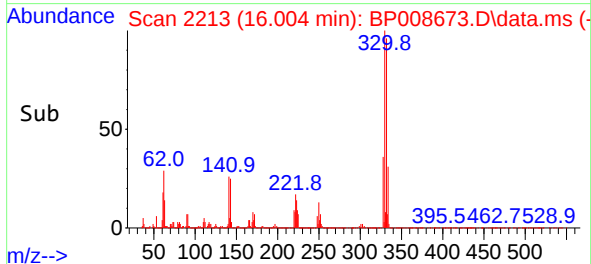
Instrument :
BNA_P
ClientSampleId :
SB-7-(0-2)



Tgt Ion:330 Resp: 259178
Ion Ratio Lower Upper
330 100
332 97.1 77.0 115.4
141 25.3 21.3 31.9

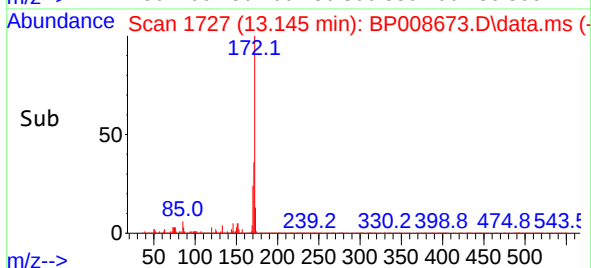
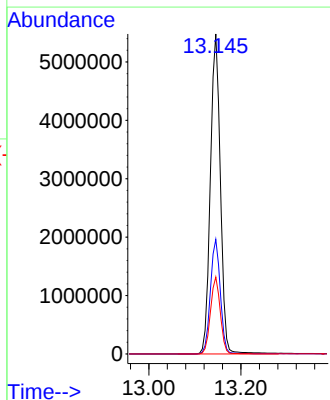
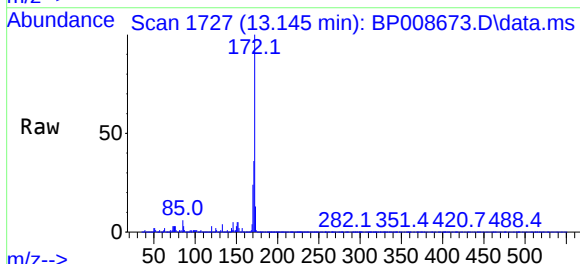
Manual Integrations
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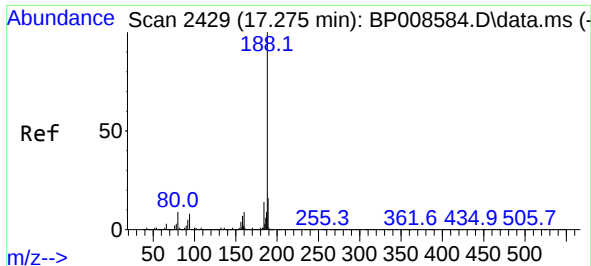
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022



#45
2-Fluorobiphenyl
Concen: 75.462 ng
RT: 13.145 min Scan# 1727
Delta R.T. -0.012 min
Lab File: BP008673.D
Acq: 04 Jan 2022 21:33

Tgt Ion:172 Resp: 8289501
Ion Ratio Lower Upper
172 100
171 35.8 29.3 43.9
170 24.0 19.5 29.3





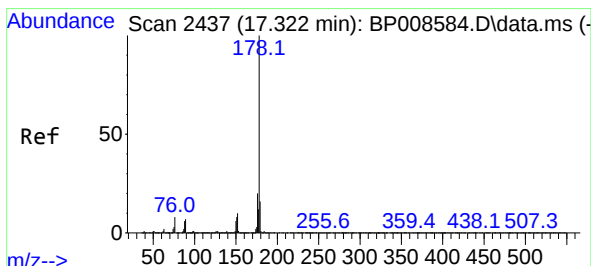
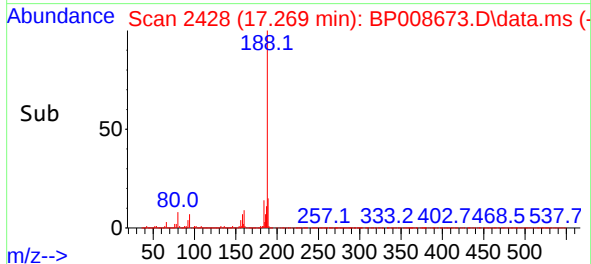
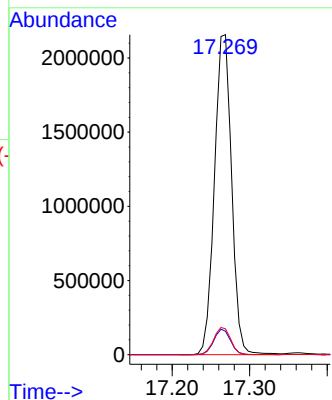
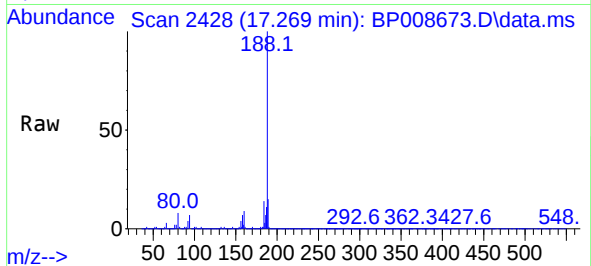
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.269 min Scan# 2428
Delta R.T. -0.006 min
Lab File: BP008673.D
Acq: 04 Jan 2022 21:33

Instrument :
BNA_P
ClientSampleId :
SB-7-(0-2)

Tgt Ion:188 Resp: 3316658
Ion Ratio Lower Upper
188 100
94 7.4 6.8 10.2
80 8.1 7.2 10.8

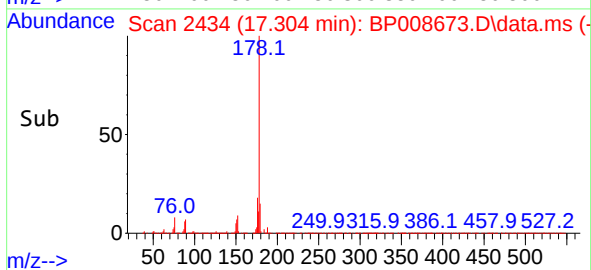
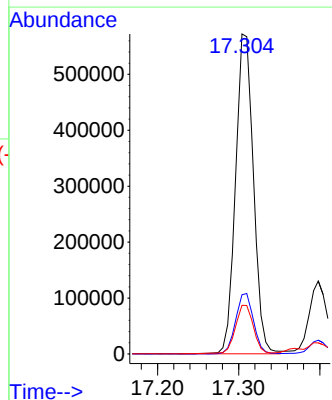
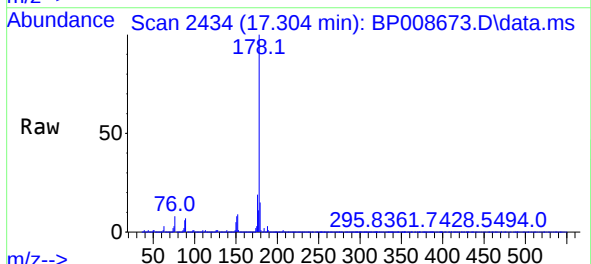
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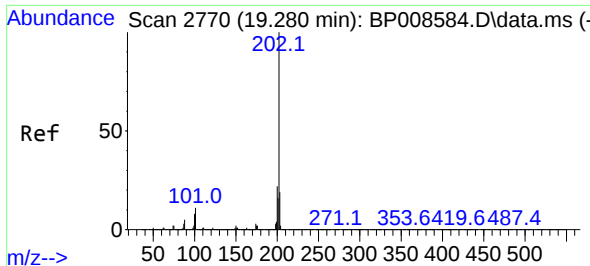
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022



#71
Phenanthrene
Concen: 4.881 ng
RT: 17.304 min Scan# 2434
Delta R.T. -0.018 min
Lab File: BP008673.D
Acq: 04 Jan 2022 21:33

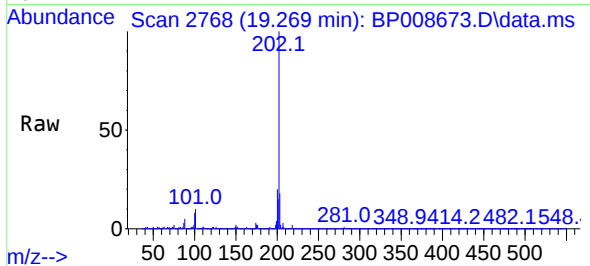
Tgt Ion:178 Resp: 872769
Ion Ratio Lower Upper
178 100
176 18.5 16.0 24.0
179 15.2 13.0 19.4





#75
Fluoranthene
Concen: 6.470 ng
RT: 19.269 min Scan# 21
Delta R.T. -0.011 min
Lab File: BP008673.D
Acq: 04 Jan 2022 21:33

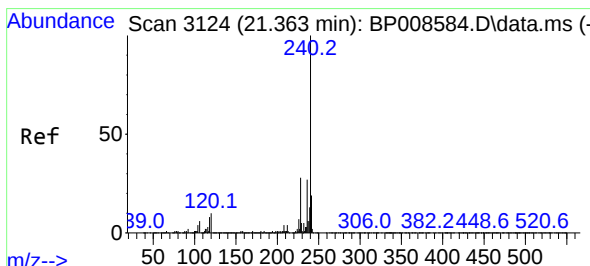
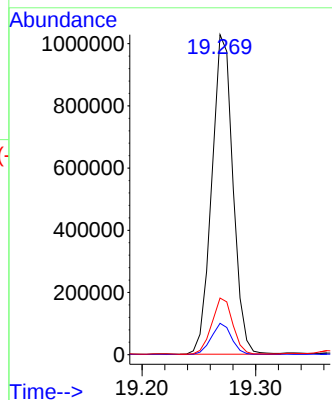
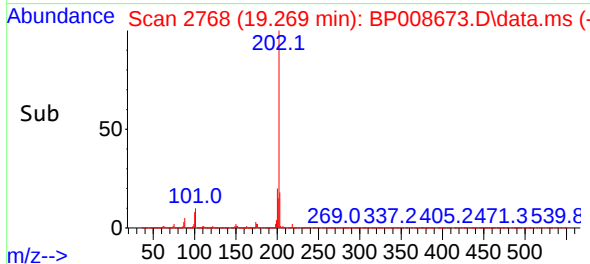
Instrument :
BNA_P
ClientSampleId :
SB-7-(0-2)



Tgt Ion:202 Resp: 133068
Ion Ratio Lower Upper
202 100
101 9.8 0.0 30.7
203 17.7 0.0 38.9

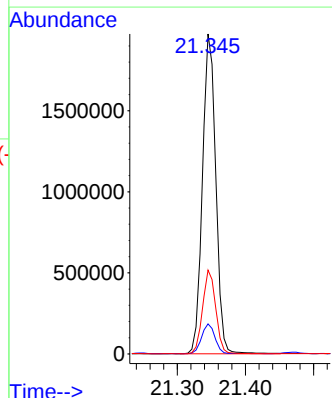
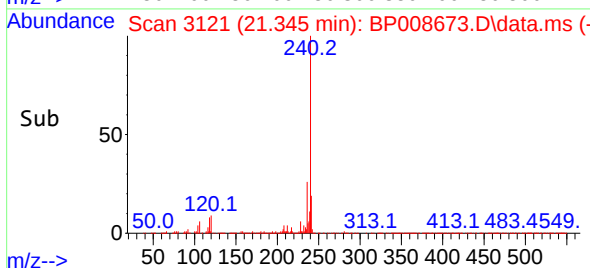
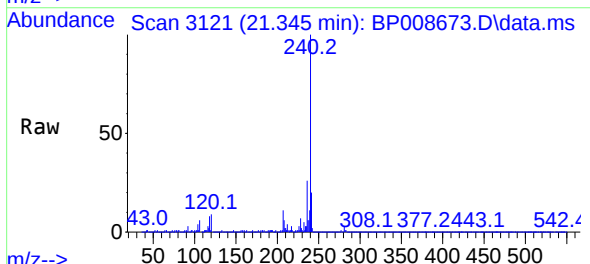
Manual Integrations
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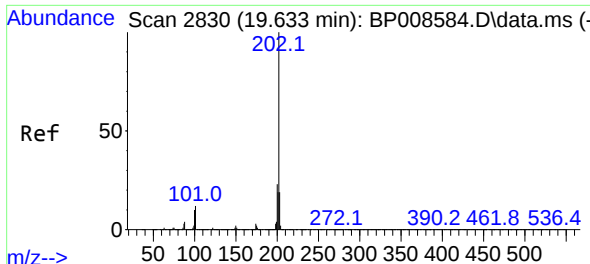
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.345 min Scan# 3121
Delta R.T. -0.018 min
Lab File: BP008673.D
Acq: 04 Jan 2022 21:33

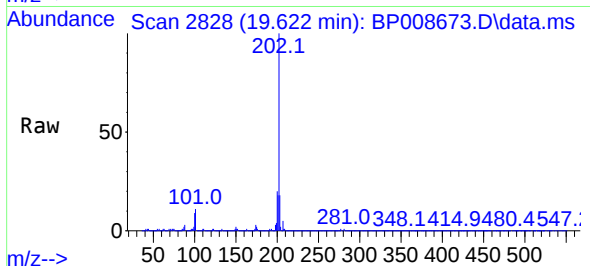
Tgt Ion:240 Resp: 2680237
Ion Ratio Lower Upper
240 100
120 9.4 7.7 11.5
236 26.2 21.2 31.8





#78
Pyrene
Concen: 6.436 ng
RT: 19.622 min Scan# 2828
Delta R.T. -0.012 min
Lab File: BP008673.D
Acq: 04 Jan 2022 21:33

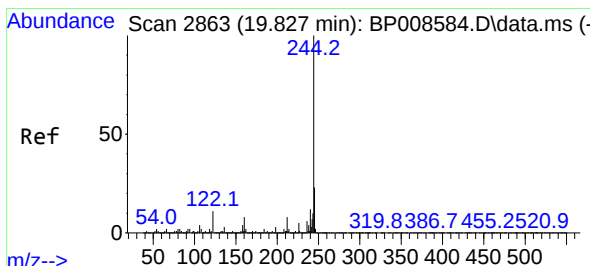
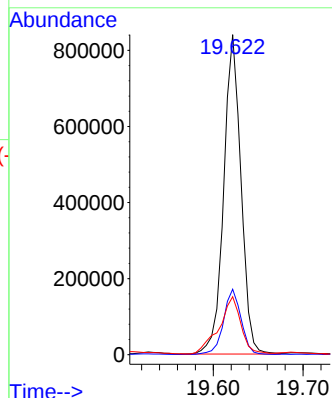
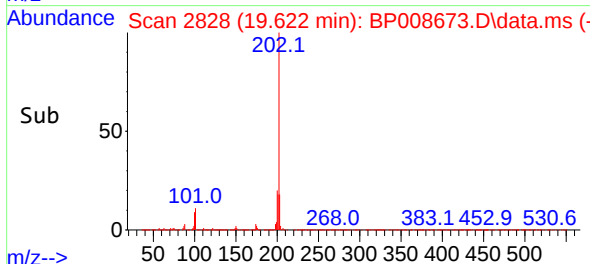
Instrument :
BNA_P
ClientSampleId :
SB-7-(0-2)



Tgt Ion: 202 Resp: 112222
Ion Ratio Lower Upper
202 100
200 20.4 18.0 27.0
203 18.1 15.0 22.6

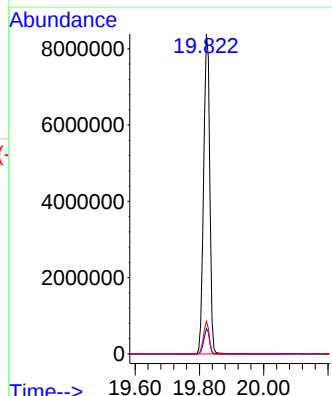
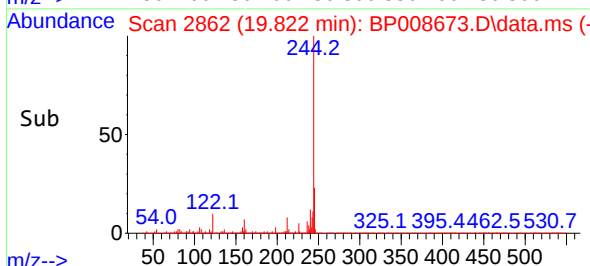
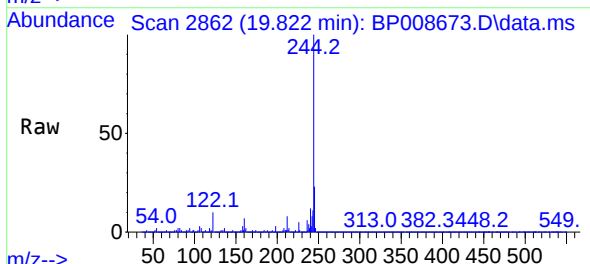
Manual Integrations
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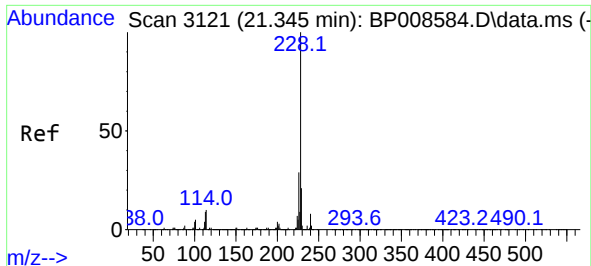
Reviewed By : Christian Giraldo 01/05/2022
Supervised By : Jagrut Upadhyay 01/05/2022



#79
Terphenyl-d14
Concen: 84.552 ng
RT: 19.822 min Scan# 2862
Delta R.T. -0.005 min
Lab File: BP008673.D
Acq: 04 Jan 2022 21:33

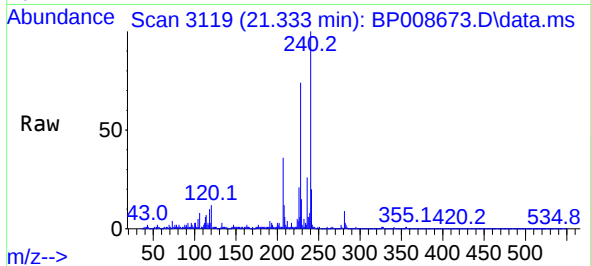
Tgt Ion: 244 Resp: 11099089
Ion Ratio Lower Upper
244 100
212 8.0 6.5 9.7
122 10.2 9.2 13.8





#81
Benzo(a)anthracene
Concen: 3.648 ng
RT: 21.333 min Scan# 3119
Delta R.T. -0.012 min
Lab File: BP008673.D
Acq: 04 Jan 2022 21:33

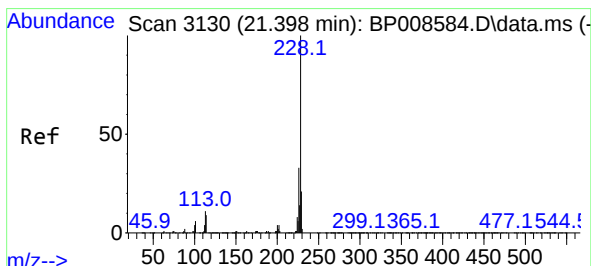
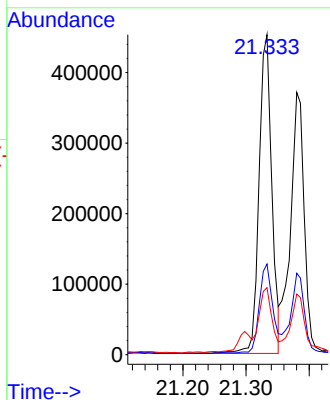
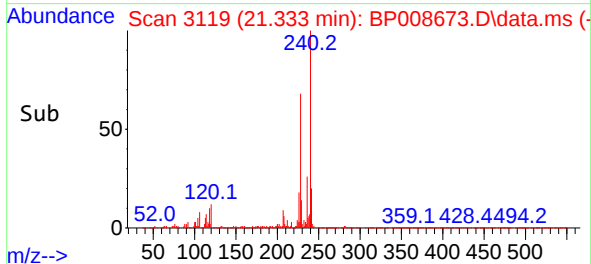
Instrument :
BNA_P
ClientSampleId :
SB-7-(0-2)



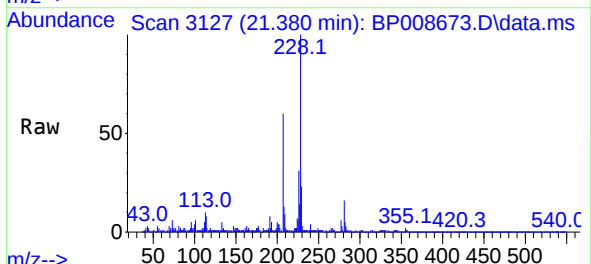
Tgt Ion:228 Resp: 634372
Ion Ratio Lower Upper
228 100
226 28.4 23.3 34.9
229 21.0 17.0 25.6

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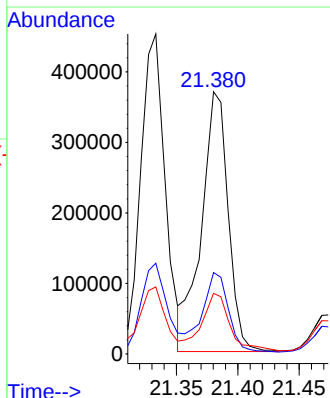
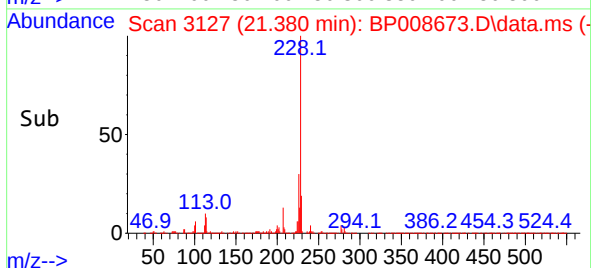
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022

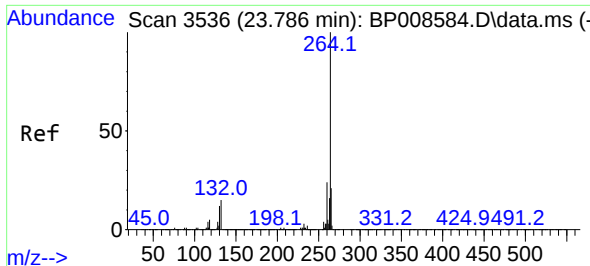


#83
Chrysene
Concen: 3.447 ng m
RT: 21.380 min Scan# 3127
Delta R.T. -0.018 min
Lab File: BP008673.D
Acq: 04 Jan 2022 21:33



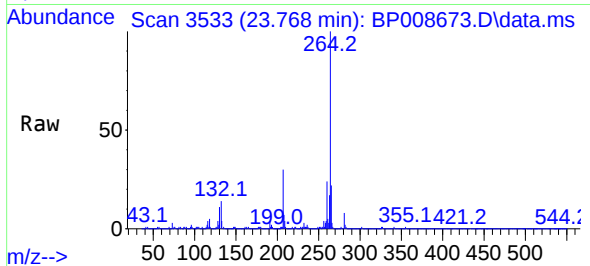
Tgt Ion:228 Resp: 560524
Ion Ratio Lower Upper
228 100
226 31.1 26.0 39.0
229 23.2 16.9 25.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.768 min Scan# 31
Delta R.T. -0.018 min
Lab File: BP008673.D
Acq: 04 Jan 2022 21:33

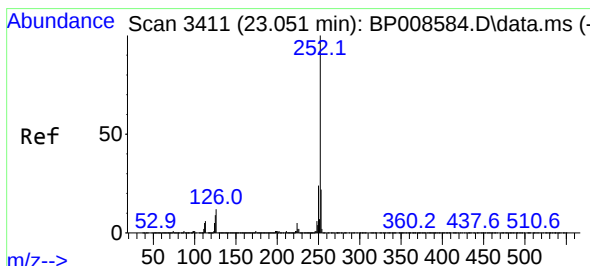
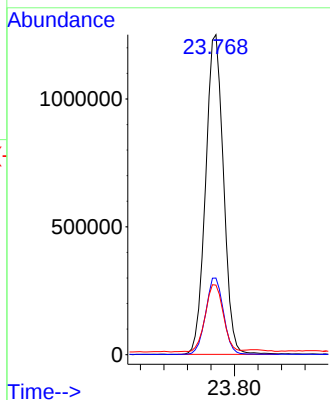
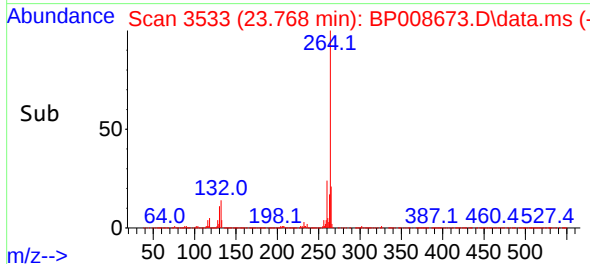
Instrument :
BNA_P
ClientSampleId :
SB-7-(0-2)



Tgt Ion:264 Resp: 2641108
Ion Ratio Lower Upper
264 100
260 23.9 19.1 28.7
265 21.7 17.1 25.7

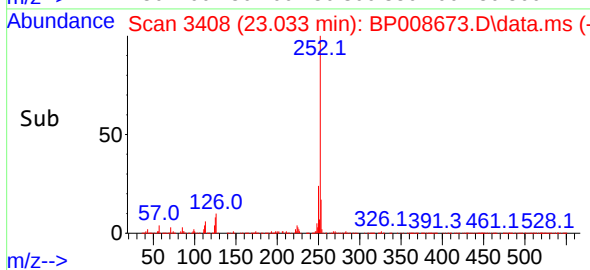
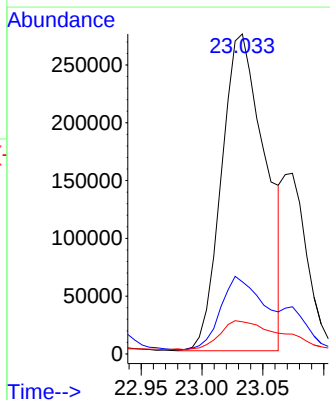
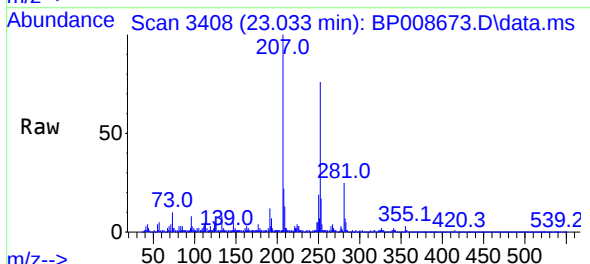
Manual Integrations
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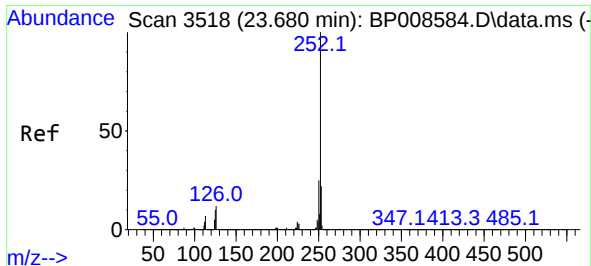
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022



#88
Benzo(b)fluoranthene
Concen: 4.047 ng
RT: 23.033 min Scan# 3408
Delta R.T. -0.018 min
Lab File: BP008673.D
Acq: 04 Jan 2022 21:33

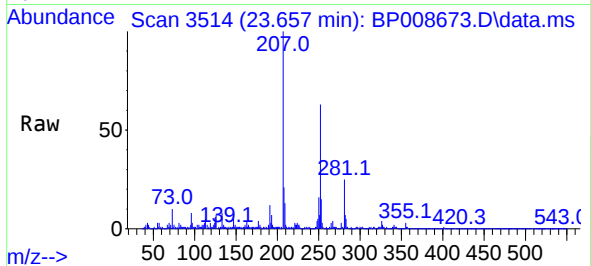
Tgt Ion:252 Resp: 687393
Ion Ratio Lower Upper
252 100
253 22.5 18.0 27.0
125 10.0 6.9 10.3





#90
Benzo(a)pyrene
Concen: 3.450 ng
RT: 23.657 min Scan# 31
Delta R.T. -0.024 min
Lab File: BP008673.D
Acq: 04 Jan 2022 21:33

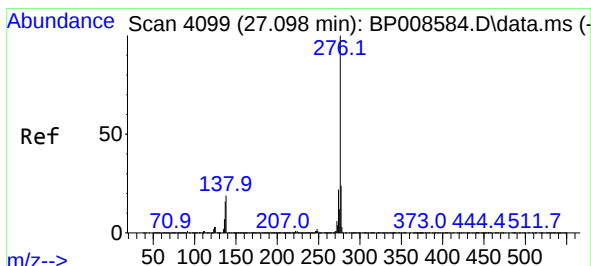
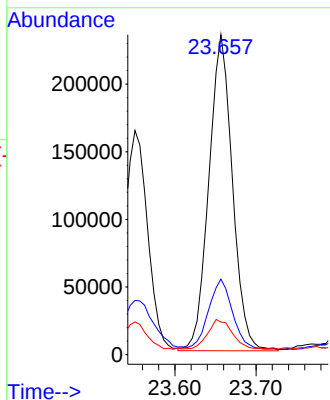
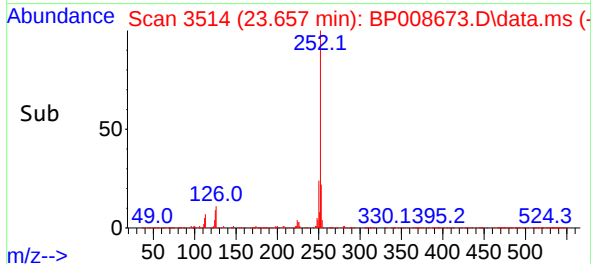
Instrument :
BNA_P
ClientSampleId :
SB-7-(0-2)



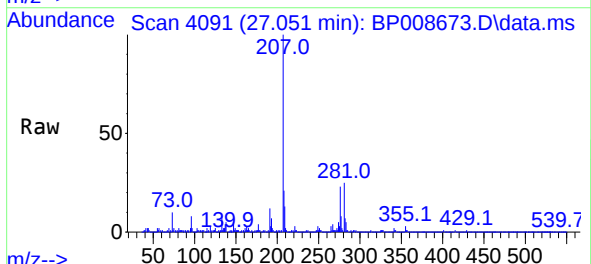
Tgt Ion:252 Resp: 472375
Ion Ratio Lower Upper
252 100
253 23.6 17.8 26.8
125 10.2 7.8 11.6

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 2.221 ng
RT: 27.051 min Scan# 4091
Delta R.T. -0.047 min
Lab File: BP008673.D
Acq: 04 Jan 2022 21:33



Tgt Ion:276 Resp: 310788
Ion Ratio Lower Upper
276 100
277 32.8 19.2 28.8#
138 20.4 15.0 22.4

