

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010422\
 Data File : BP008681.D
 Acq On : 05 Jan 2022 02:03
 Operator : CG/JU
 Sample : M5329-01 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OR-3-123021

Manual Integrations
 APPROVED

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

Quant Time: Jan 05 04:30:11 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	796864	20.000	ng	-0.01
21) Naphthalene-d8	10.693	136	3073672	20.000	ng	0.00
39) Acenaphthene-d10	14.522	164	1904231	20.000	ng	0.00
64) Phenanthrene-d10	17.269	188	3432385	20.000	ng	0.00
76) Chrysene-d12	21.351	240	2694014	20.000	ng	-0.01
86) Perylene-d12	23.780	264	2991764	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	688523	15.771	ng	0.00
7) Phenol-d6	7.058	99	840064	13.824	ng	0.00
23) Nitrobenzene-d5	9.040	82	489611	9.476	ng	-0.02
42) 2,4,6-Tribromophenol	16.010	330	348722	13.536	ng	0.00
45) 2-Fluorobiphenyl	13.145	172	1514043	11.519	ng	-0.01
79) Terphenyl-d14	19.827	244	1677819	12.716	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.310	178	381136	2.060	ng	99
75) Fluoranthene	19.275	202	665327	3.126	ng	99
78) Pyrene	19.627	202	804653	4.591	ng	98
83) Chrysene	21.392	228	345630m	2.115	ng	
88) Benzo(b)fluoranthene	23.039	252	537856m	2.796	ng	
90) Benzo(a)pyrene	23.668	252	426622	2.751	ng	# 89
92) Benzo(g,h,i)perylene	27.074	276	373803	2.358	ng	# 90

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

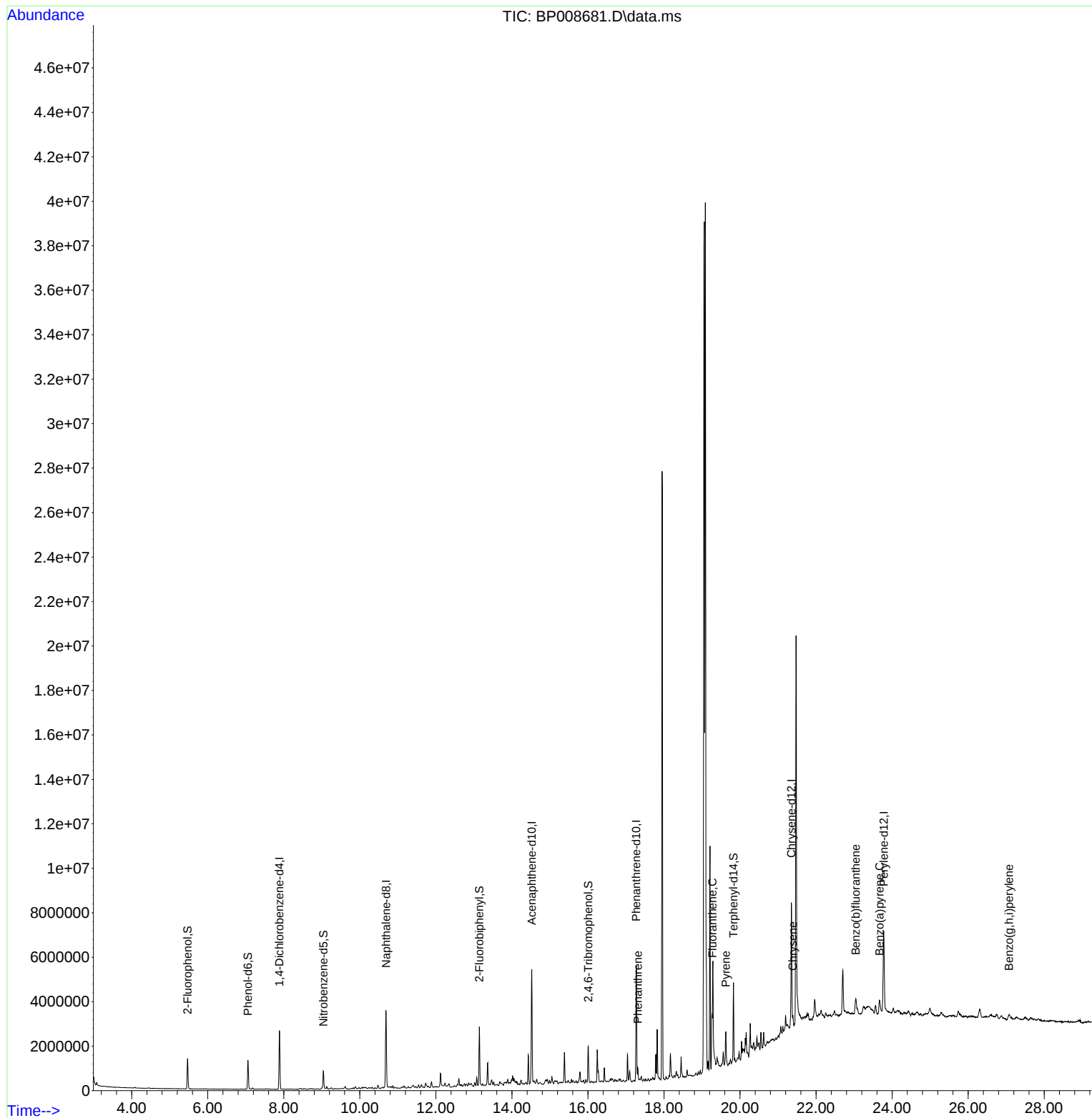
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010422\
Data File : BP008681.D
Acq On : 05 Jan 2022 02:03
Operator : CG/JU
Sample : M5329-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

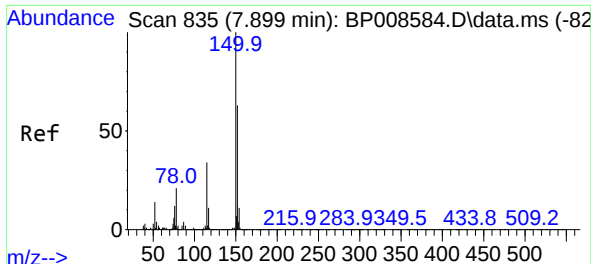
Instrument :
BNA_P
ClientSampleId :
OR-3-123021

Quant Time: Jan 05 04:30:11 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





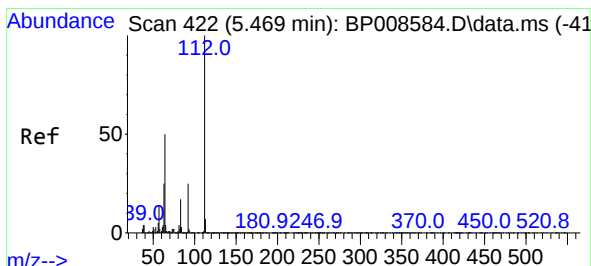
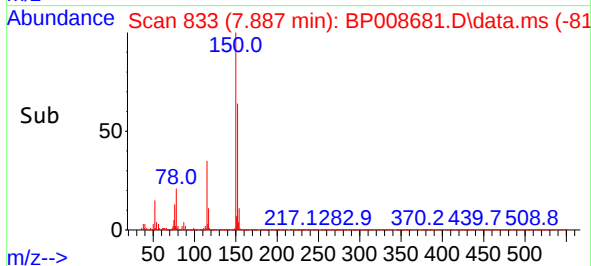
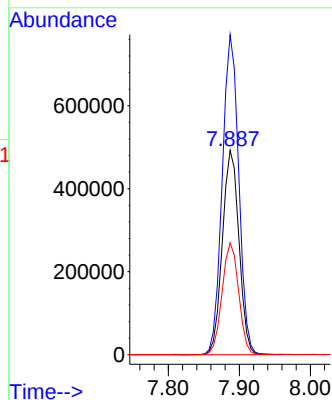
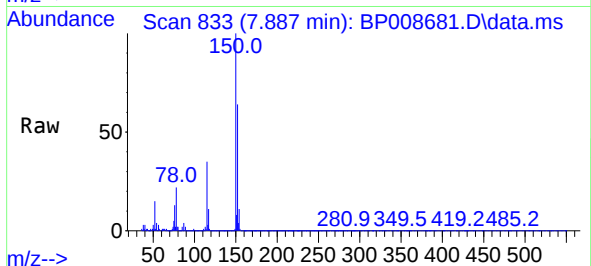
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.887 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP008681.D
Acq: 05 Jan 2022 02:03

Instrument :
BNA_P
ClientSampleId :
OR-3-123021

Tgt Ion:152 Resp: 796864
Ion Ratio Lower Upper
152 100
150 156.6 127.0 190.6
115 54.8 43.7 65.5

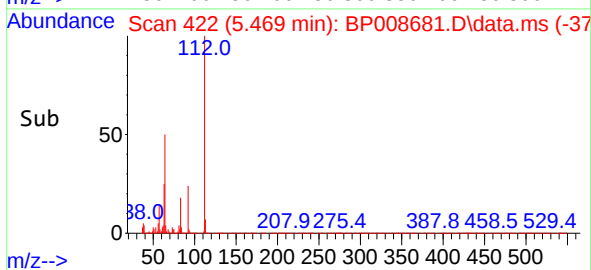
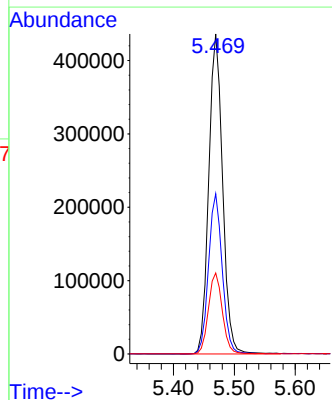
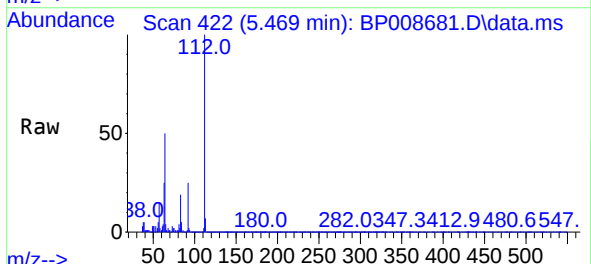
Manual Integrations
APPROVED

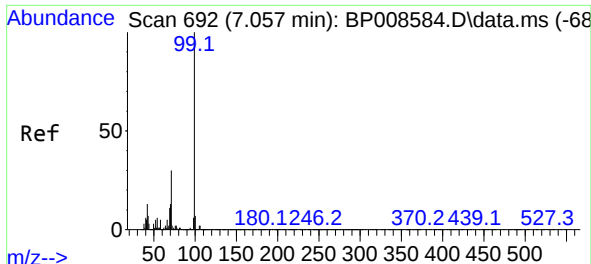
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022



#5
2-Fluorophenol
Concen: 15.771 ng
RT: 5.469 min Scan# 422
Delta R.T. 0.000 min
Lab File: BP008681.D
Acq: 05 Jan 2022 02:03

Tgt Ion:112 Resp: 688523
Ion Ratio Lower Upper
112 100
64 50.1 39.7 59.5
63 25.3 20.0 30.0





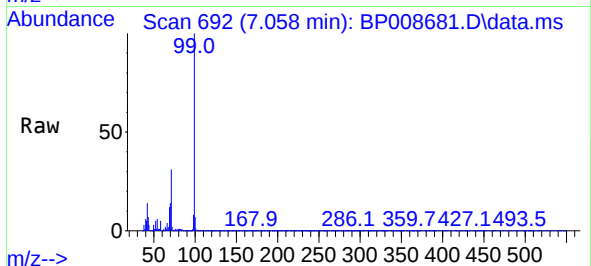
#7
Phenol-d6
Concen: 13.824 ng
RT: 7.058 min Scan# 692
Delta R.T. 0.000 min
Lab File: BP008681.D
Acq: 05 Jan 2022 02:03

Instrument :

BNA_P

ClientSampleId :

OR-3-123021

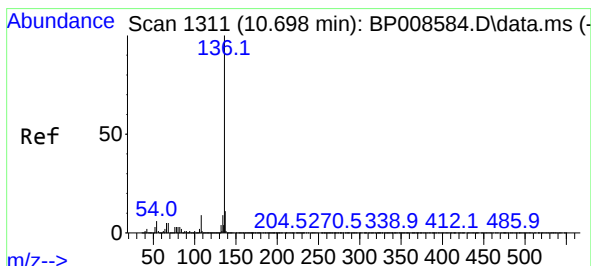
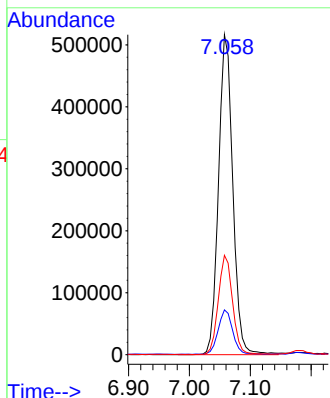
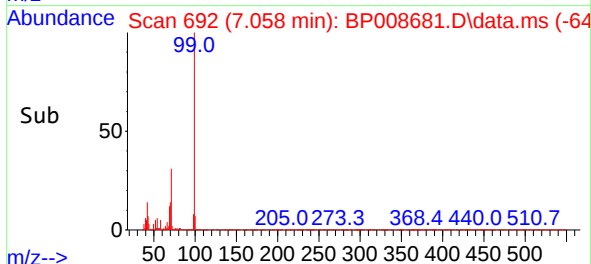


Tgt Ion: 99 Resp: 840064
Ion Ratio Lower Upper
99 100
42 14.0 10.8 16.2
71 31.1 23.8 35.6

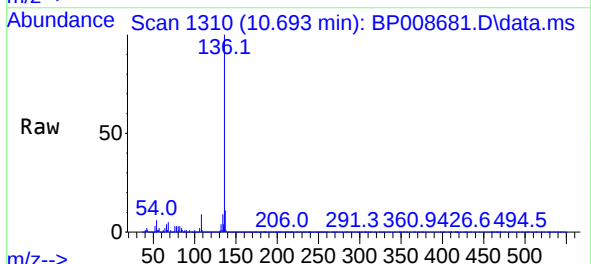
Manual Integrations

APPROVED

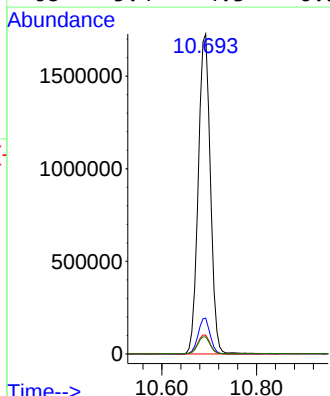
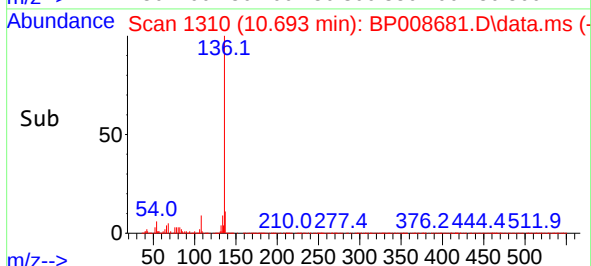
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022

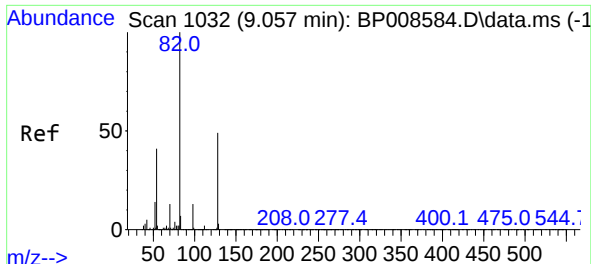


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.693 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BP008681.D
Acq: 05 Jan 2022 02:03



Tgt Ion:136 Resp: 3073672
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





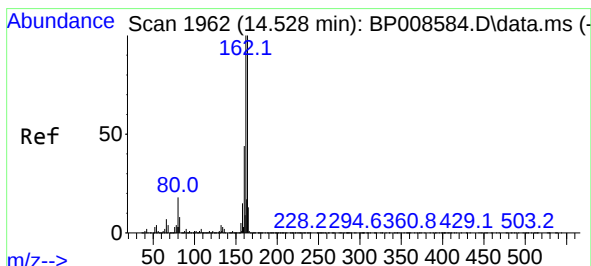
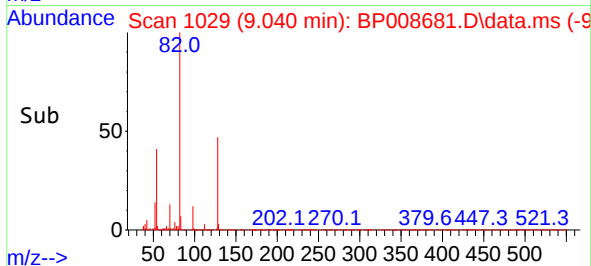
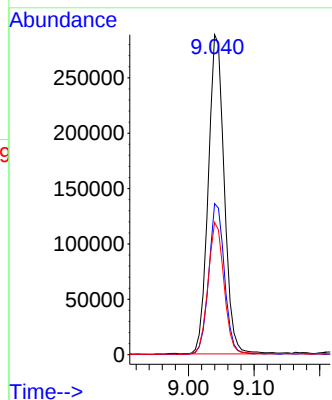
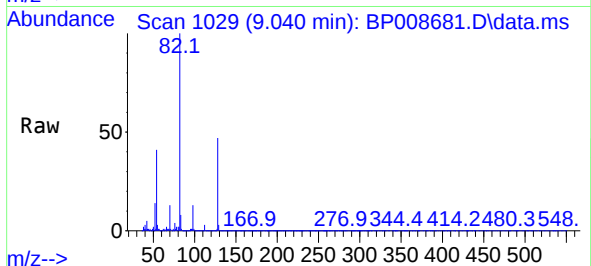
#23
Nitrobenzene-d5
Concen: 9.476 ng
RT: 9.040 min Scan# 1032
Delta R.T. -0.018 min
Lab File: BP008681.D
Acq: 05 Jan 2022 02:03

Instrument :
BNA_P
ClientSampleId :
OR-3-123021

Tgt Ion: 82 Resp: 48961
Ion Ratio Lower Upper
82 100
128 47.2 39.4 59.2
54 41.3 32.6 48.8

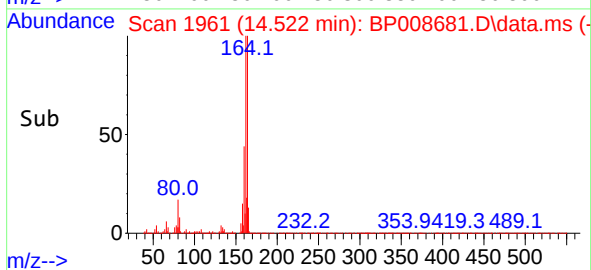
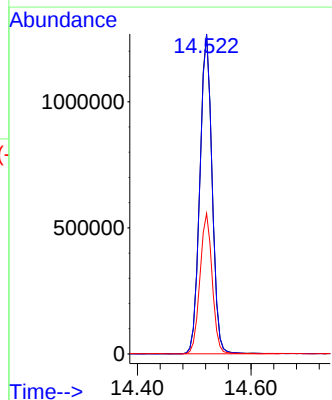
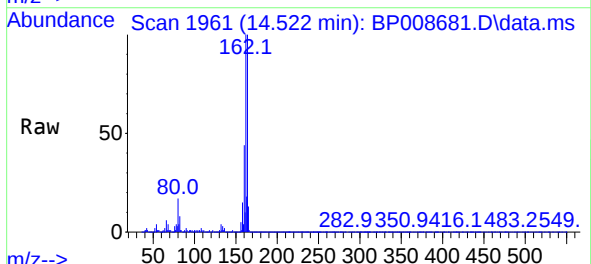
Manual Integrations
APPROVED

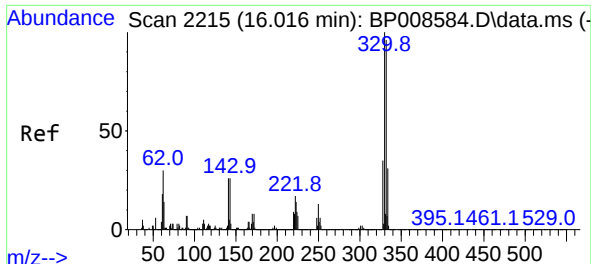
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.522 min Scan# 1961
Delta R.T. -0.006 min
Lab File: BP008681.D
Acq: 05 Jan 2022 02:03

Tgt Ion:164 Resp: 1904231
Ion Ratio Lower Upper
164 100
162 99.8 79.9 119.9
160 43.9 35.5 53.3





#42
2,4,6-Tribromophenol
Concen: 13.536 ng
RT: 16.010 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP008681.D
Acq: 05 Jan 2022 02:03

Instrument :

BNA_P

ClientSampleId :

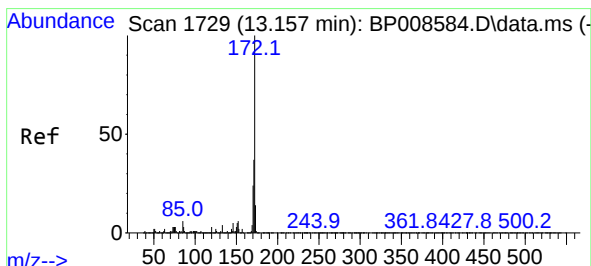
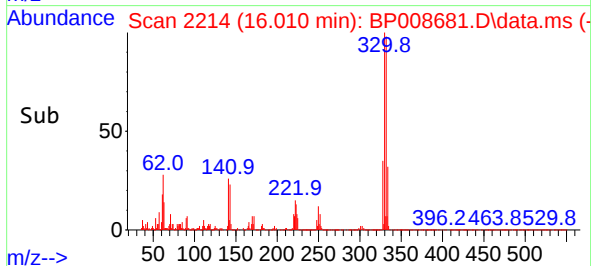
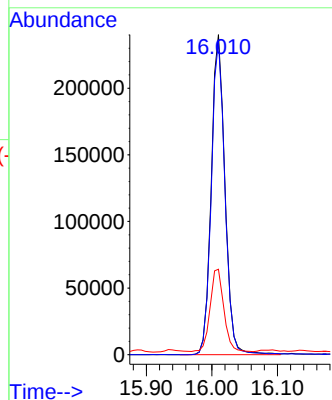
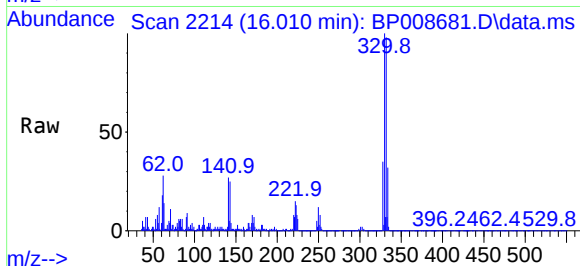
OR-3-123021

Tgt Ion:330 Resp: 34872
Ion Ratio Lower Upper
330 100
332 97.9 77.0 115.4
141 25.8 21.3 31.9

Manual Integrations

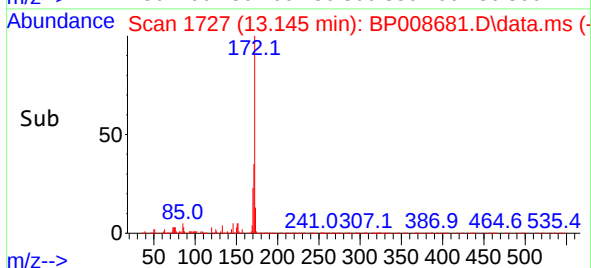
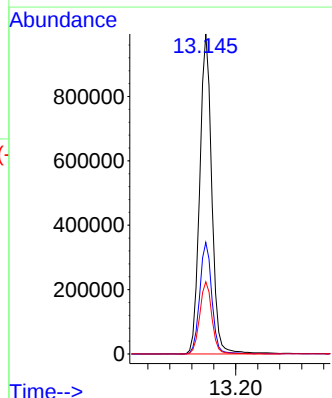
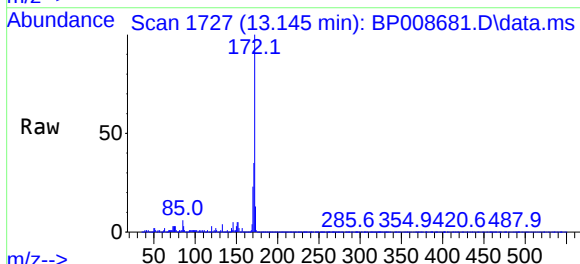
APPROVED

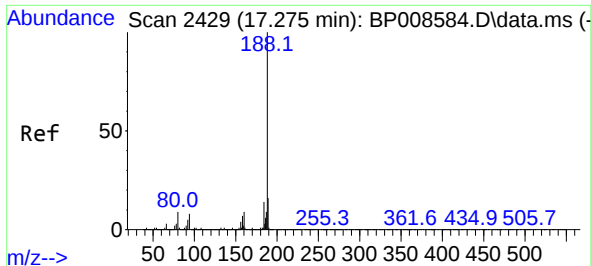
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022



#45
2-Fluorobiphenyl
Concen: 11.519 ng
RT: 13.145 min Scan# 1727
Delta R.T. -0.012 min
Lab File: BP008681.D
Acq: 05 Jan 2022 02:03

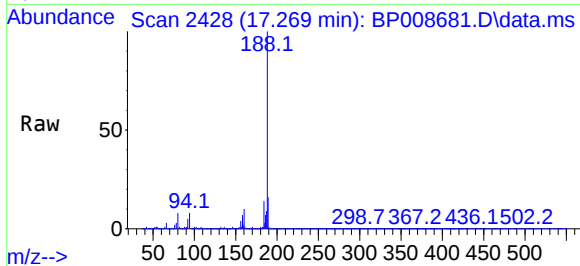
Tgt Ion:172 Resp: 1514043
Ion Ratio Lower Upper
172 100
171 34.8 29.3 43.9
170 22.6 19.5 29.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.269 min Scan# 2428
Delta R.T. -0.006 min
Lab File: BP008681.D
Acq: 05 Jan 2022 02:03

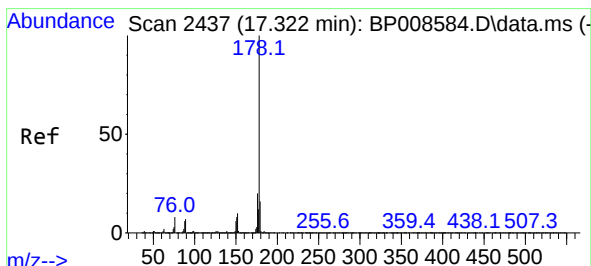
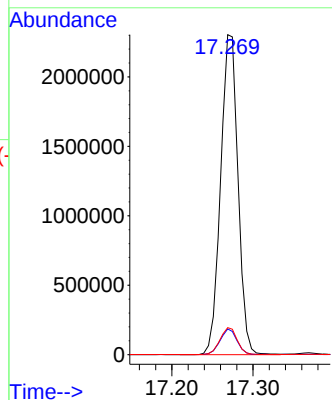
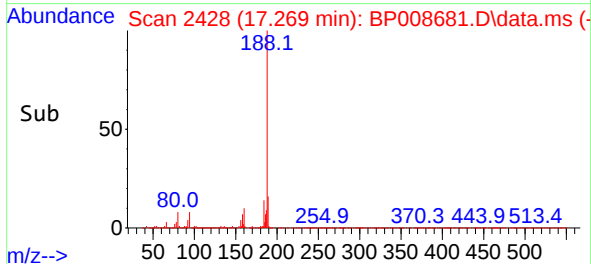
Instrument :
BNA_P
ClientSampleId :
OR-3-123021



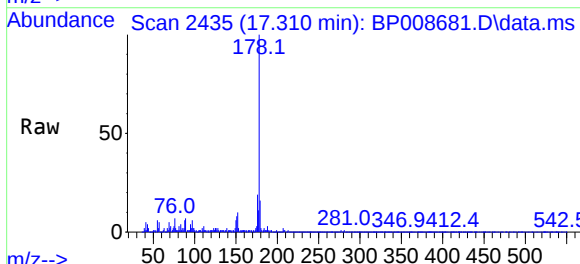
Tgt Ion:188 Resp: 343238
Ion Ratio Lower Upper
188 100
94 8.1 6.8 10.2
80 8.4 7.2 10.8

Manual Integrations
APPROVED

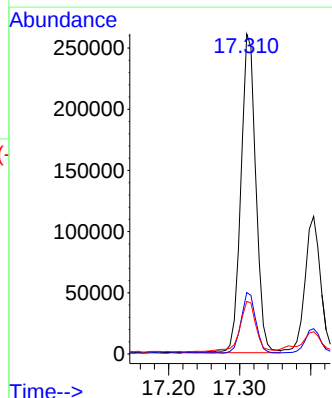
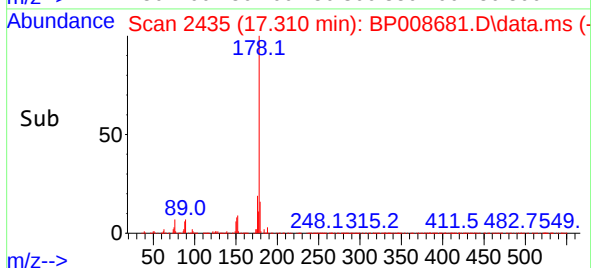
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022

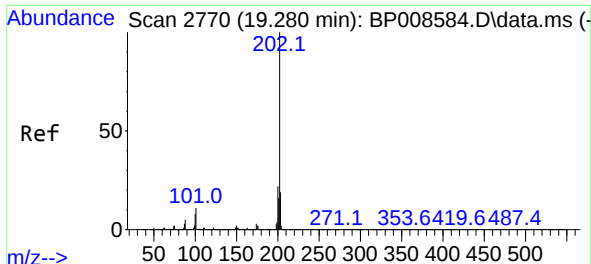


#71
Phenanthrene
Concen: 2.060 ng
RT: 17.310 min Scan# 2435
Delta R.T. -0.012 min
Lab File: BP008681.D
Acq: 05 Jan 2022 02:03



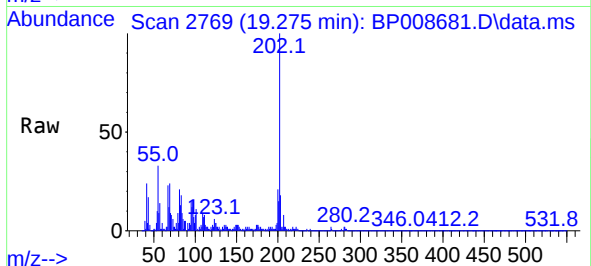
Tgt Ion:178 Resp: 381136
Ion Ratio Lower Upper
178 100
176 19.2 16.0 24.0
179 16.4 13.0 19.4





#75
Fluoranthene
Concen: 3.126 ng
RT: 19.275 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP008681.D
Acq: 05 Jan 2022 02:03

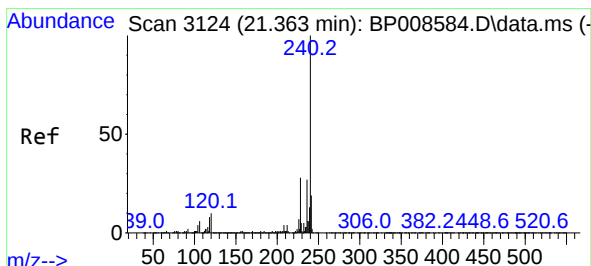
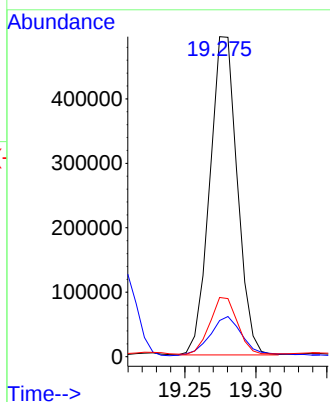
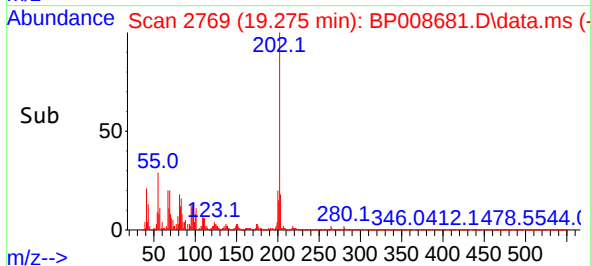
Instrument :
BNA_P
ClientSampleId :
OR-3-123021



Tgt Ion:202 Resp: 66532
Ion Ratio Lower Upper
202 100
101 11.3 0.0 30.7
203 18.5 0.0 38.9

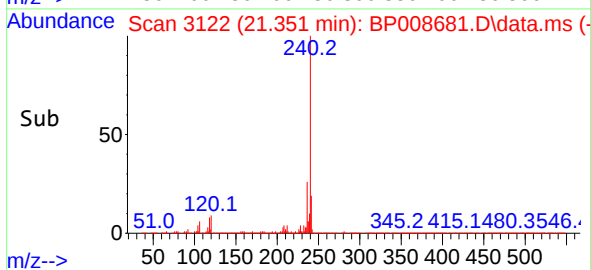
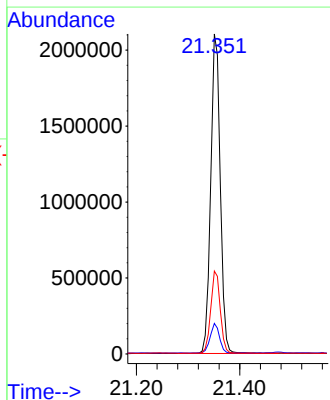
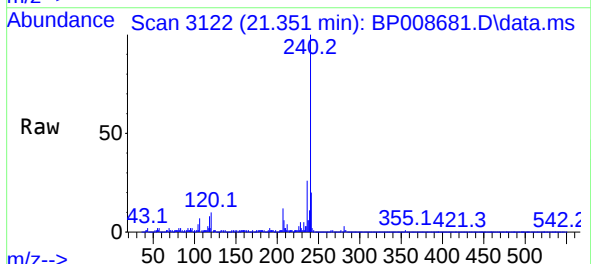
Manual Integrations
APPROVED

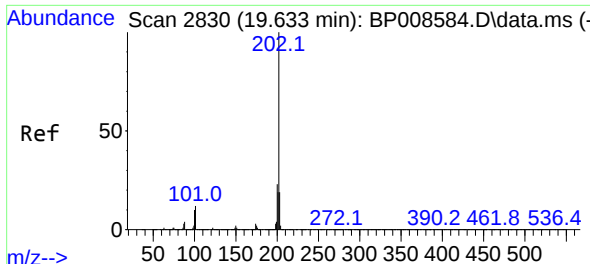
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.351 min Scan# 3122
Delta R.T. -0.012 min
Lab File: BP008681.D
Acq: 05 Jan 2022 02:03

Tgt Ion:240 Resp: 2694014
Ion Ratio Lower Upper
240 100
120 9.6 7.7 11.5
236 25.9 21.2 31.8





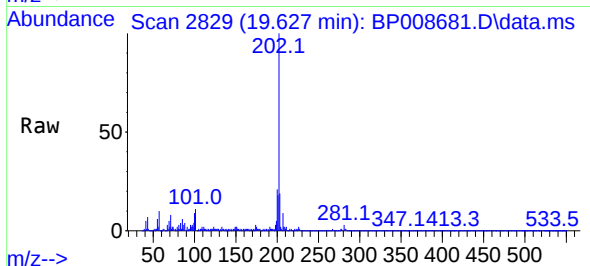
#78
Pyrene
Concen: 4.591 ng
RT: 19.627 min Scan# 2829
Delta R.T. -0.006 min
Lab File: BP008681.D
Acq: 05 Jan 2022 02:03

Instrument :

BNA_P

ClientSampleId :

OR-3-123021

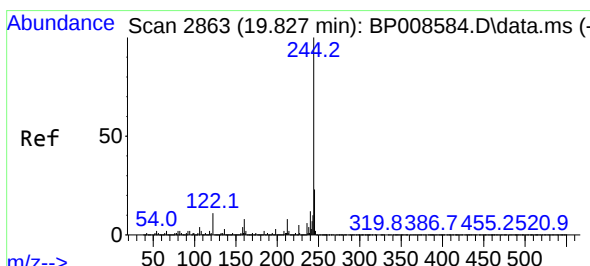
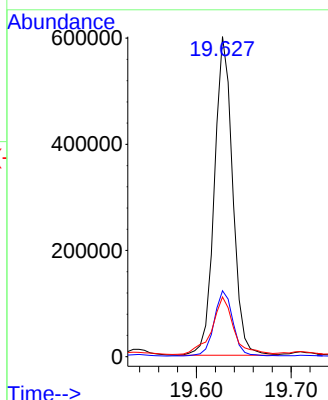
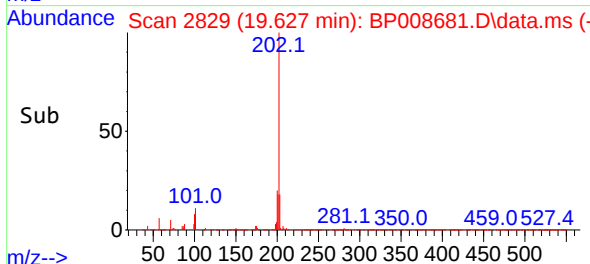


Tgt Ion:202 Resp: 80465
Ion Ratio Lower Upper
202 100
200 20.6 18.0 27.0
203 18.7 15.0 22.6

Manual Integrations

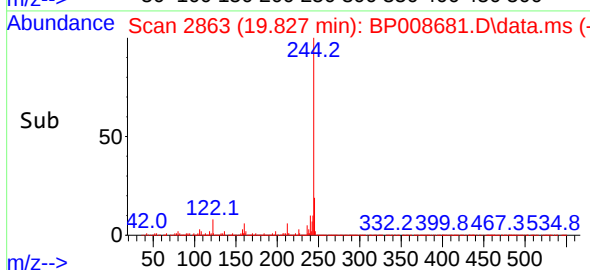
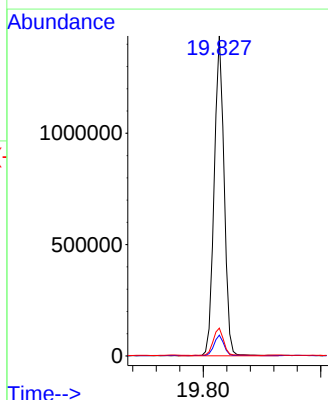
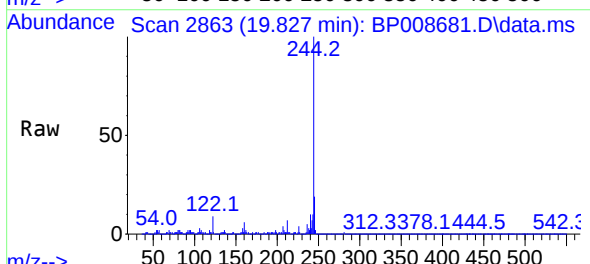
APPROVED

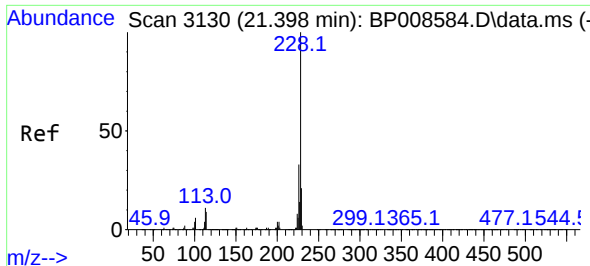
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022



#79
Terphenyl-d14
Concen: 12.716 ng
RT: 19.827 min Scan# 2863
Delta R.T. 0.000 min
Lab File: BP008681.D
Acq: 05 Jan 2022 02:03

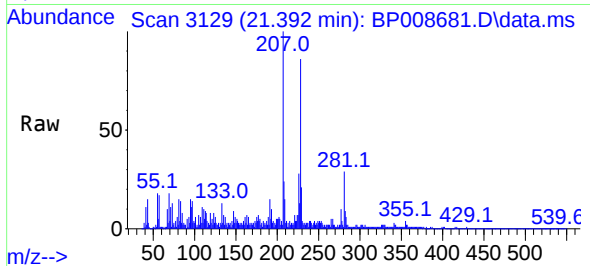
Tgt Ion:244 Resp: 1677819
Ion Ratio Lower Upper
244 100
212 6.5 6.5 9.7
122 8.7 9.2 13.8





#83
Chrysene
Concen: 2.115 ng m
RT: 21.392 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP008681.D
Acq: 05 Jan 2022 02:03

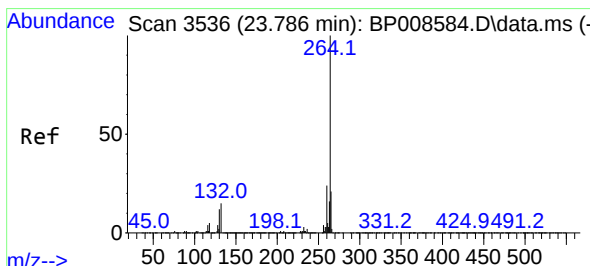
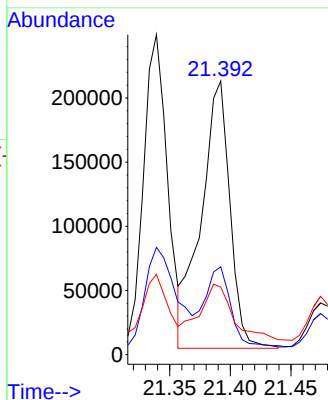
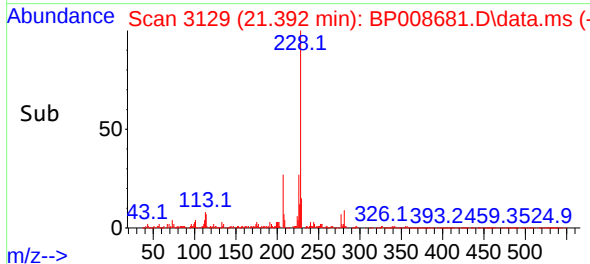
Instrument :
BNA_P
ClientSampleId :
OR-3-123021



Tgt Ion:228 Resp: 345630
Ion Ratio Lower Upper
228 100
226 32.1 26.0 39.0
229 24.7 16.9 25.3

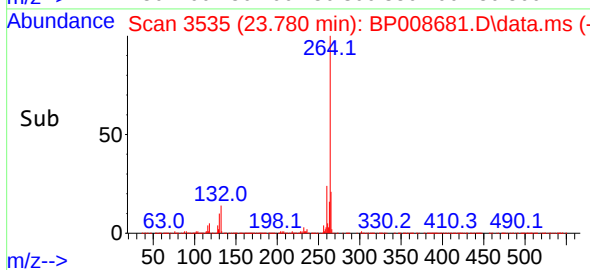
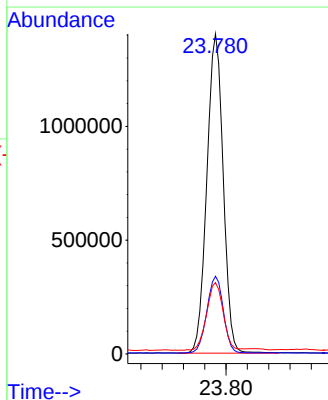
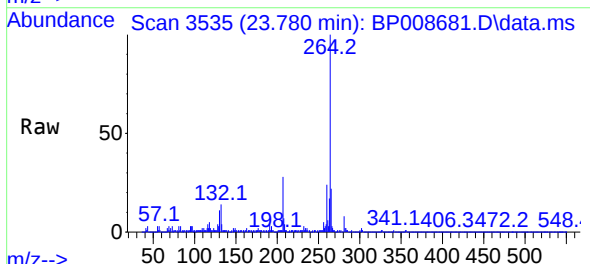
Manual Integrations
APPROVED

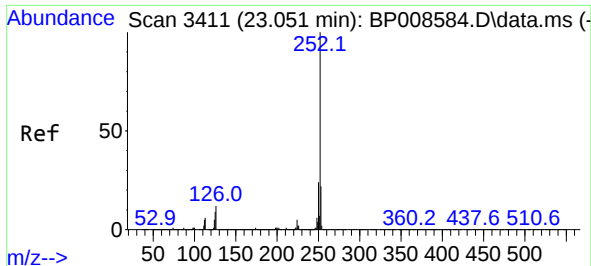
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.780 min Scan# 3535
Delta R.T. -0.006 min
Lab File: BP008681.D
Acq: 05 Jan 2022 02:03

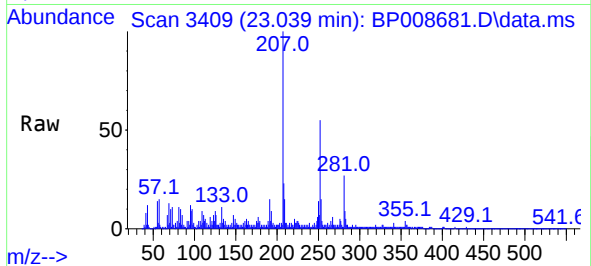
Tgt Ion:264 Resp: 2991764
Ion Ratio Lower Upper
264 100
260 24.3 19.1 28.7
265 22.3 17.1 25.7





#88
Benzo(b)fluoranthene
Concen: 2.796 ng m
RT: 23.039 min Scan# 3411
Delta R.T. -0.012 min
Lab File: BP008681.D
Acq: 05 Jan 2022 02:03

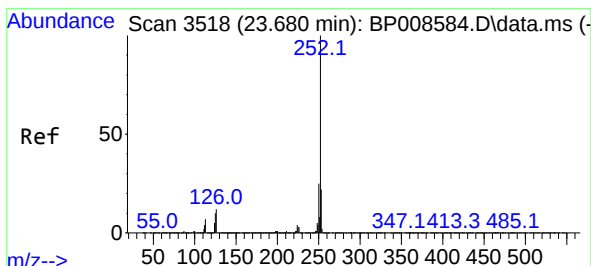
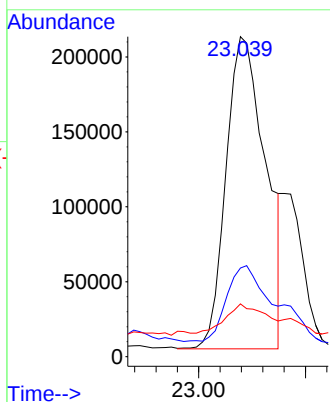
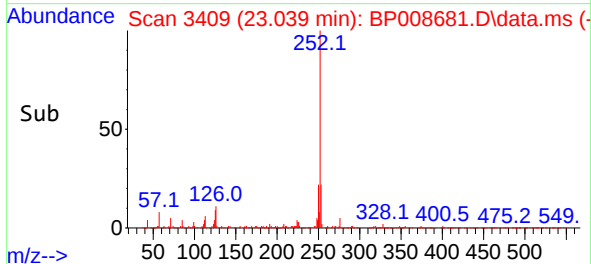
Instrument :
BNA_P
ClientSampleId :
OR-3-123021



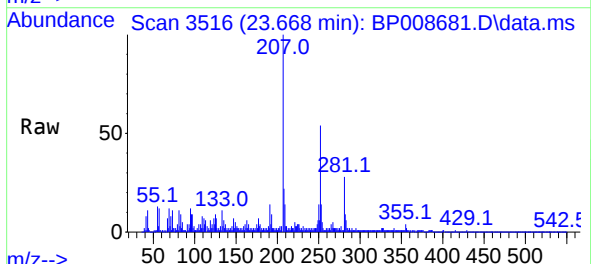
Tgt Ion:252 Resp: 537850
Ion Ratio Lower Upper
252 100
253 27.7 18.0 27.0
125 16.5 6.9 10.3

Manual Integrations
APPROVED

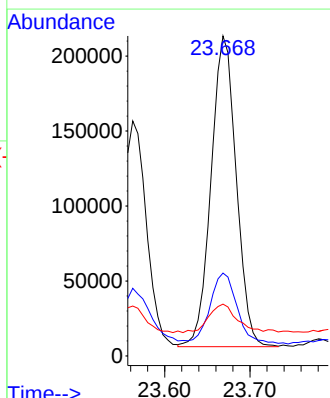
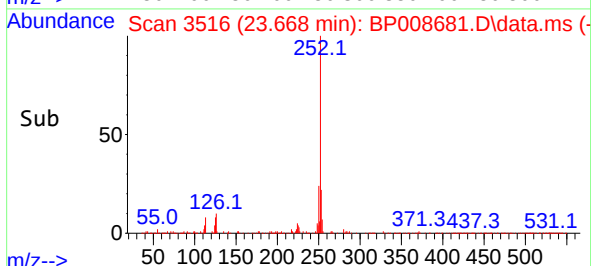
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022

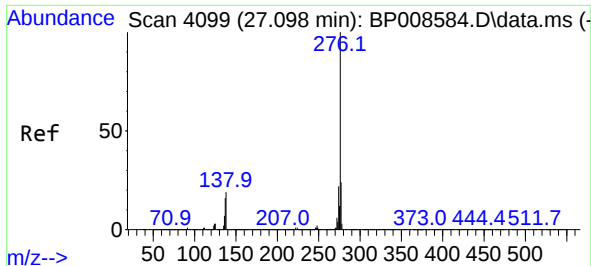


#90
Benzo(a)pyrene
Concen: 2.751 ng
RT: 23.668 min Scan# 3516
Delta R.T. -0.012 min
Lab File: BP008681.D
Acq: 05 Jan 2022 02:03



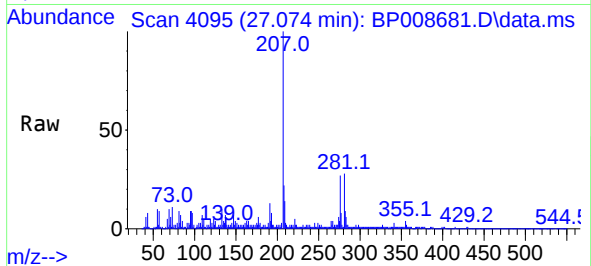
Tgt Ion:252 Resp: 426622
Ion Ratio Lower Upper
252 100
253 25.9 17.8 26.8
125 16.2 7.8 11.6





#92
Benzo(g,h,i)perylene
Concen: 2.358 ng
RT: 27.074 min Scan# 4095
Delta R.T. -0.024 min
Lab File: BP008681.D
Acq: 05 Jan 2022 02:03

Instrument :
BNA_P
ClientSampleId :
OR-3-123021



Tgt Ion: 276 Resp: 37380
Ion Ratio Lower Upper
276 100
277 31.7 19.2 28.8
138 19.9 15.0 22.4

Manual Integrations
APPROVED

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

