

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020122\
 Data File : BP008987.D
 Acq On : 01 Feb 2022 15:24
 Operator : CG/JU
 Sample : N1303-03RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CC-6RE

Manual Integrations
 APPROVED

Reviewed By :Christian
 Giraldo

Quant Time: Feb 01 16:26:18 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							02/02/2022
1) 1,4-Dichlorobenzene-d4	7.828	152	216826	20.000	ng	0.00	Supervised By :Jagrut padhyay
21) Naphthalene-d8	10.628	136	871317	20.000	ng	0.00	
39) Acenaphthene-d10	14.463	164	581647	20.000	ng	-0.01	
64) Phenanthrene-d10	17.221	188	1176098	20.000	ng	-0.01	
76) Chrysene-d12	21.315	240	1096825	20.000	ng	-0.01	
86) Perylene-d12	23.721	264	1174259	20.000	ng	-0.02	02/02/2022
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	10310	0.735	ng	0.00	
7) Phenol-d6	7.010	99	357359	21.047	ng	0.00	
23) Nitrobenzene-d5	8.987	82	1180020	76.888	ng	-0.01	
42) 2,4,6-Tribromophenol	15.969	330	817	0.096	ng	0.00	
45) 2-Fluorobiphenyl	13.092	172	3089899	70.056	ng	0.00	
79) Terphenyl-d14	19.786	244	4316618	66.430	ng	-0.01	
Target Compounds							Qvalue
9) Benzaldehyde	6.975	77	95826	8.444	ng	#	1
31) Naphthalene	10.675	128	1914291	40.450	ng		99
37) 2-Methylnaphthalene	12.286	142	255920	7.397	ng		99
38) 1-Methylnaphthalene	12.510	142	142942	4.501	ng		100
52) Acenaphthene	14.527	154	77033	2.356	ng		97
58) Fluorene	15.516	166	116324	2.764	ng		97
71) Phenanthrene	17.263	178	1323240	19.983	ng		98
72) Anthracene	17.357	178	231504	3.485	ng		100
75) Fluoranthene	19.239	202	1396657	18.966	ng		96
78) Pyrene	19.586	202	1354453	17.698	ng		99
81) Benzo(a)anthracene	21.298	228	739742	10.025	ng		99
83) Chrysene	21.351	228	751326	10.504	ng		98
87) Indeno(1,2,3-cd)pyrene	26.233	276	460316	4.757	ng		95
88) Benzo(b)fluoranthene	22.992	252	908259	11.582	ng		97
89) Benzo(k)fluoranthene	23.033	252	346103m	4.559	ng		
90) Benzo(a)pyrene	23.615	252	628132	8.298	ng		97
92) Benzo(g,h,i)perylene	27.003	276	459241	5.717	ng		98

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

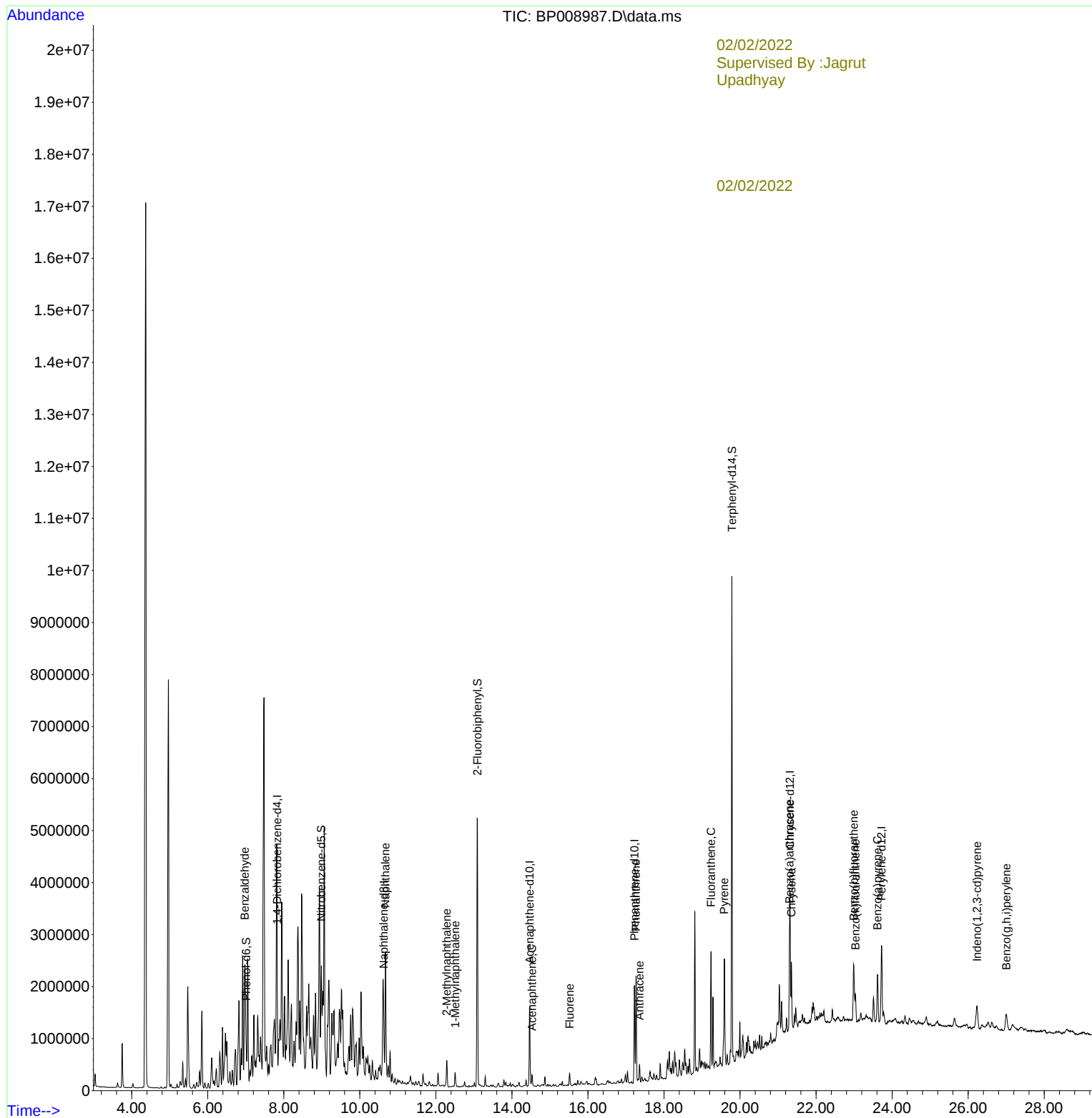
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020122\
Data File : BP008987.D
Acq On : 01 Feb 2022 15:24
Operator : CG/JU
Sample : N1303-03RE
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CC-6RE

Manual Integrations
APPROVED

Reviewed By :Christian
Giraldo

Quant Time: Feb 01 16:26:18 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





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.828 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP008987.D
Acq: 01 Feb 2022 15:24

Instrument :

BNA_P

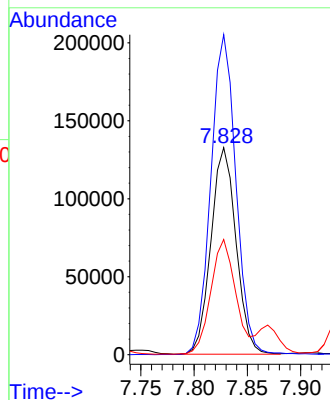
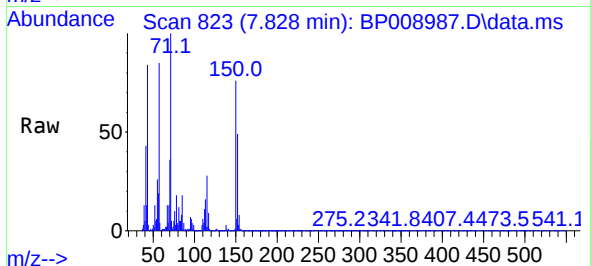
ClientSampleId :

CC-6RE

Tgt Ion:152 Resp: 216820
Ion Ratio Lower Upper
152 100
150 154.6 127.0 190.6
115 55.6 43.7 65.5

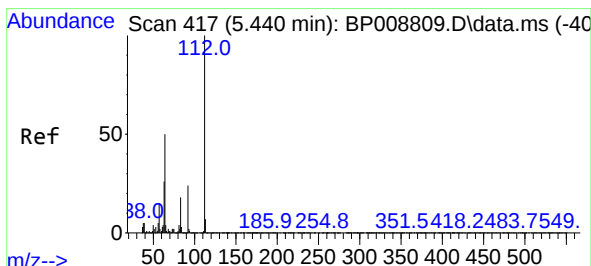
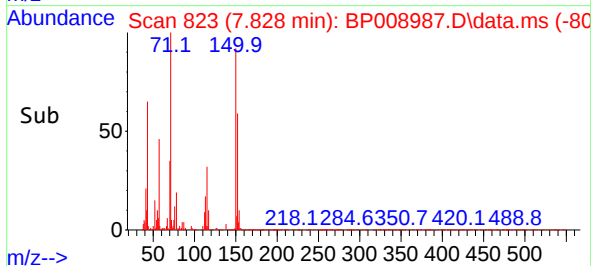
Manual Integrations
APPROVED

Reviewed By :Christian
Giraldo



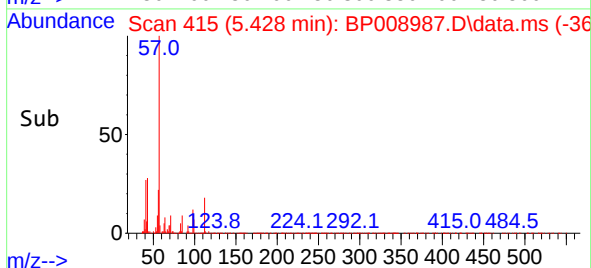
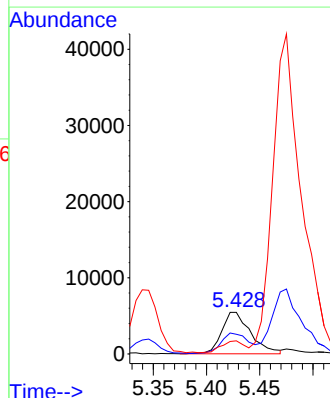
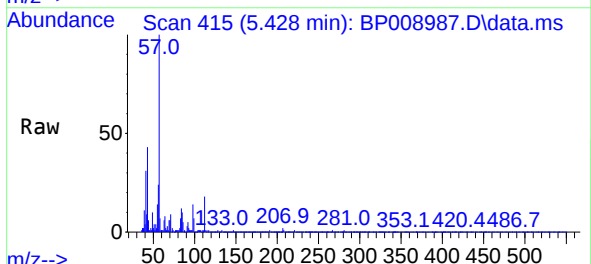
02/02/2022
Supervised By :Jagrut
Upadhyay

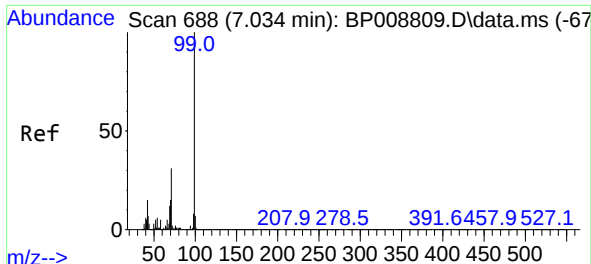
02/02/2022



#5
2-Fluorophenol
Concen: 0.735 ng
RT: 5.428 min Scan# 415
Delta R.T. 0.006 min
Lab File: BP008987.D
Acq: 01 Feb 2022 15:24

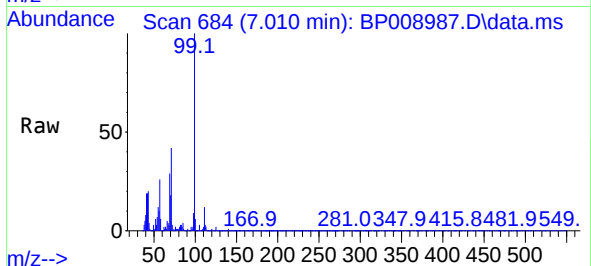
Tgt Ion:112 Resp: 10310
Ion Ratio Lower Upper
112 100
64 47.1 39.7 59.5
63 31.5 20.0 30.0#





#7
Phenol-d6
Concen: 21.047 ng
RT: 7.010 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP008987.D
Acq: 01 Feb 2022 15:24

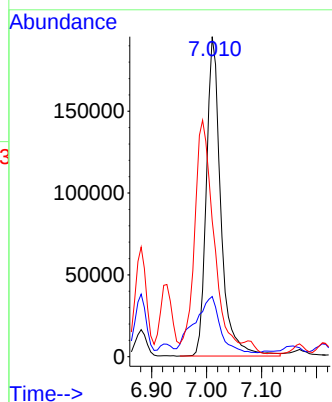
Instrument :
BNA_P
ClientSampleId :
CC-6RE



Tgt Ion: 99 Resp: 35735
Ion Ratio Lower Upper
99 100
42 18.8 10.8 16.2
71 42.5 23.8 35.6

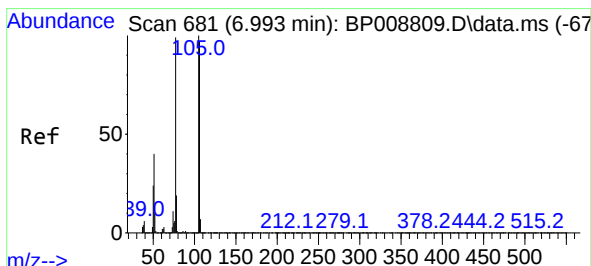
Manual Integrations
APPROVED

Reviewed By :Christian
Giraldo



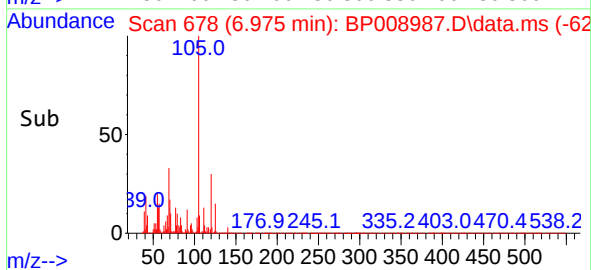
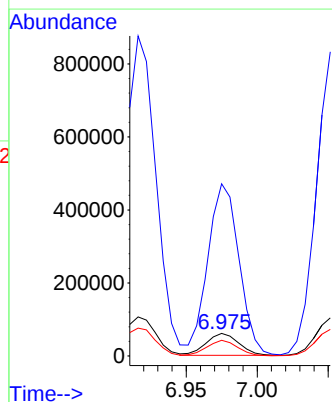
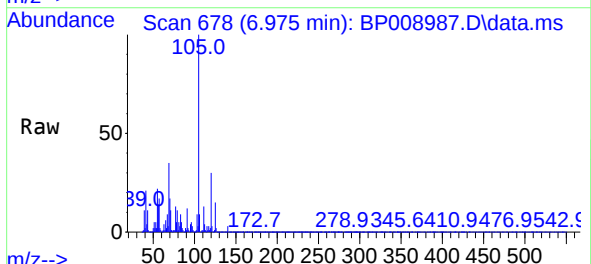
02/02/2022
Supervised By :Jagrut
Upadhyay

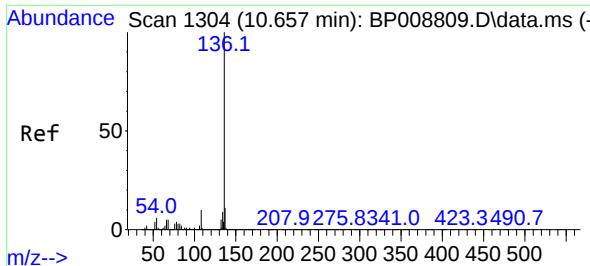
02/02/2022



#9
Benzaldehyde
Concen: 8.444 ng
RT: 6.975 min Scan# 678
Delta R.T. -0.000 min
Lab File: BP008987.D
Acq: 01 Feb 2022 15:24

Tgt Ion: 77 Resp: 95826
Ion Ratio Lower Upper
77 100
105 763.9 84.2 124.2#
106 69.9 80.6 120.6#





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.628 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BP008987.D
Acq: 01 Feb 2022 15:24

Instrument :

BNA_P

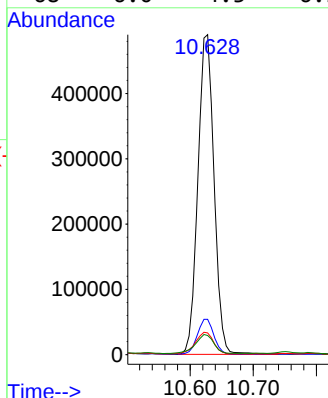
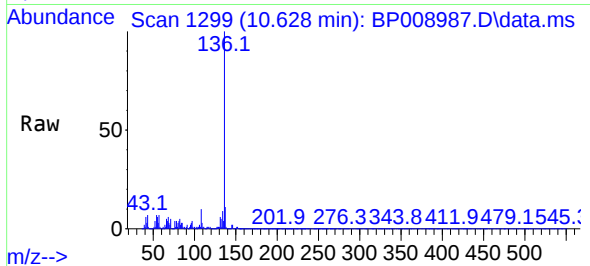
ClientSampleId :

CC-6RE

Tgt Ion:	136	Resp:	87131
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.0	13.4
54	6.8	4.9	7.3
68	6.0	4.3	6.5

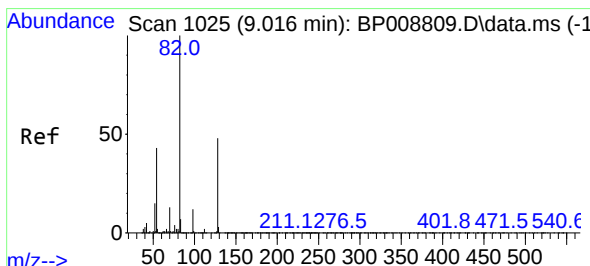
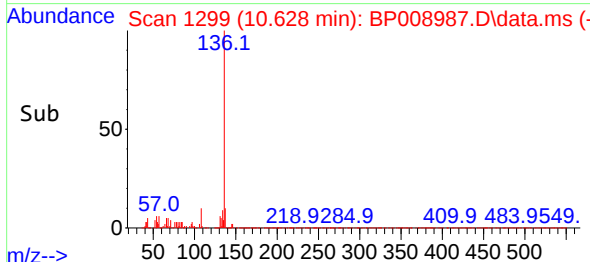
Manual Integrations
APPROVED

Reviewed By :Christian
Giraldo



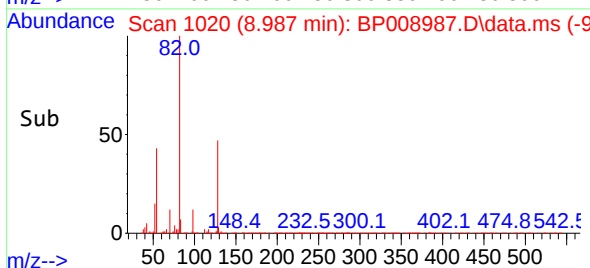
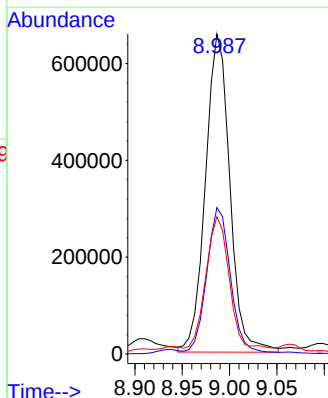
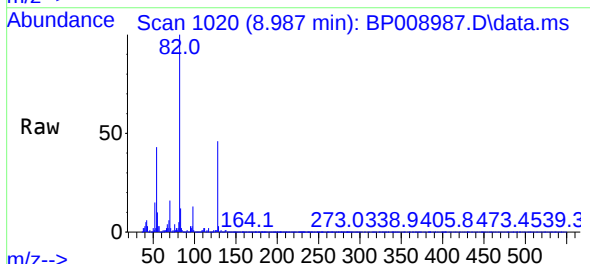
02/02/2022
Supervised By :Jagrut
Upadhyay

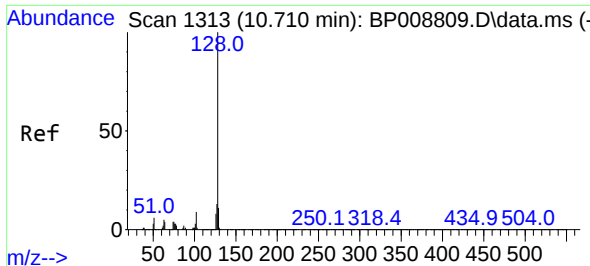
02/02/2022



#23
Nitrobenzene-d5
Concen: 76.888 ng
RT: 8.987 min Scan# 1020
Delta R.T. -0.012 min
Lab File: BP008987.D
Acq: 01 Feb 2022 15:24

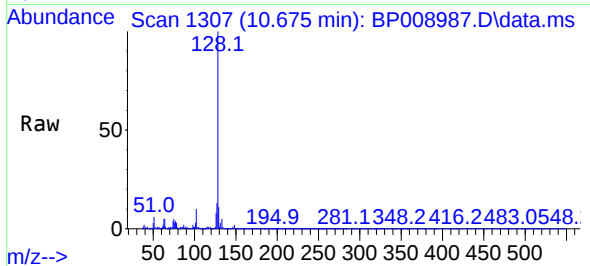
Tgt Ion:	82	Resp:	1180020
Ion Ratio	Lower	Upper	
82	100		
128	45.8	39.4	59.2
54	42.9	32.6	48.8





#31
Naphthalene
Concen: 40.450 ng
RT: 10.675 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP008987.D
Acq: 01 Feb 2022 15:24

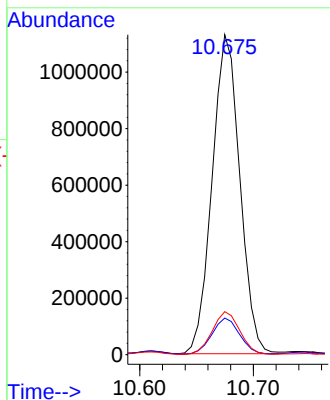
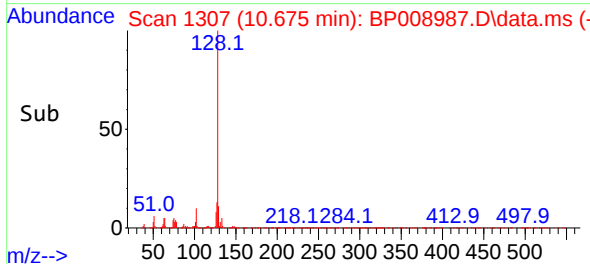
Instrument :
BNA_P
ClientSampleId :
CC-6RE



Tgt Ion:128 Resp: 191429
Ion Ratio Lower Upper
128 100
129 11.5 8.8 13.2
127 13.4 10.4 15.6

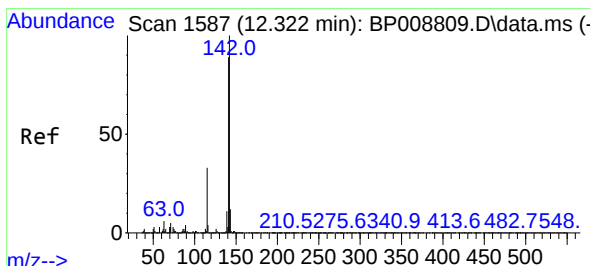
Manual Integrations
APPROVED

Reviewed By :Christian
Giraldo

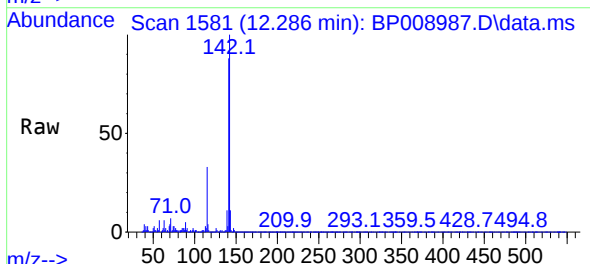


02/02/2022
Supervised By :Jagrut
Upadhyay

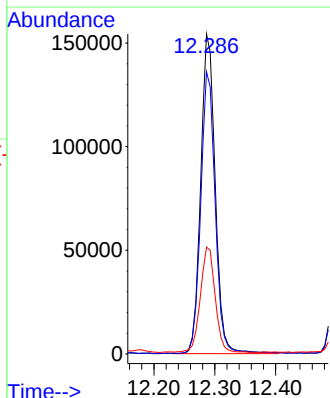
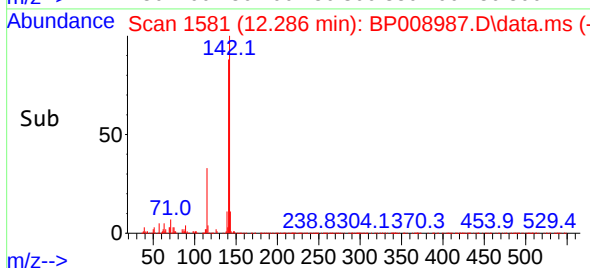
02/02/2022

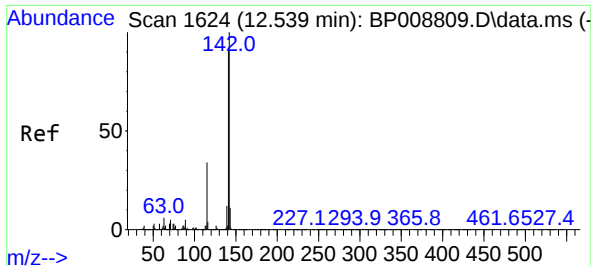


#37
2-Methylnaphthalene
Concen: 7.397 ng
RT: 12.286 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BP008987.D
Acq: 01 Feb 2022 15:24



Tgt Ion:142 Resp: 255920
Ion Ratio Lower Upper
142 100
141 88.1 70.5 105.7
115 33.4 24.6 36.8





#38
1-Methylnaphthalene
Concen: 4.501 ng
RT: 12.510 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP008987.D
Acq: 01 Feb 2022 15:24

Instrument :

BNA_P

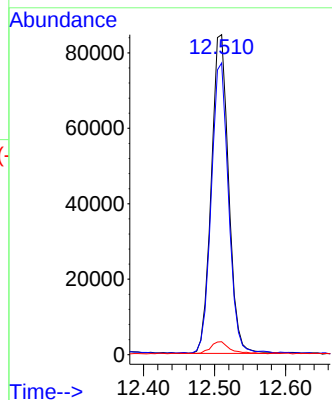
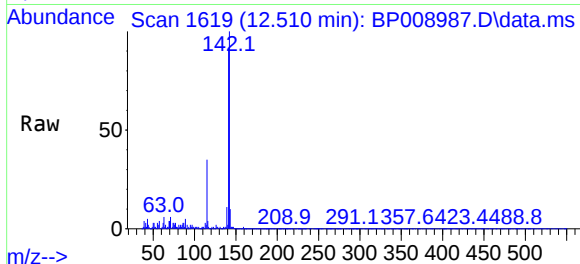
ClientSampleId :

CC-6RE

Tgt Ion:142 Resp: 14294
Ion Ratio Lower Upper
142 100
141 91.2 73.2 109.8
116 4.0 2.7 4.1

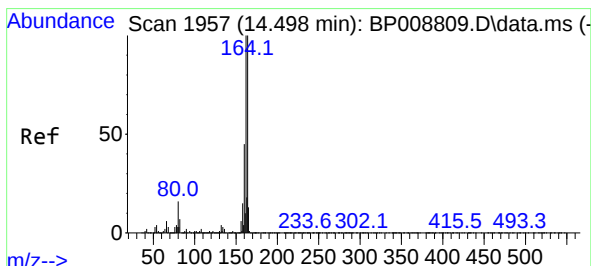
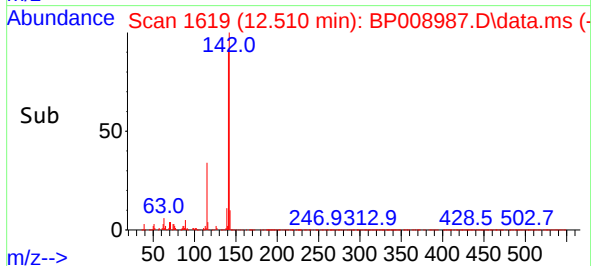
Manual Integrations
APPROVED

Reviewed By :Christian
Giraldo



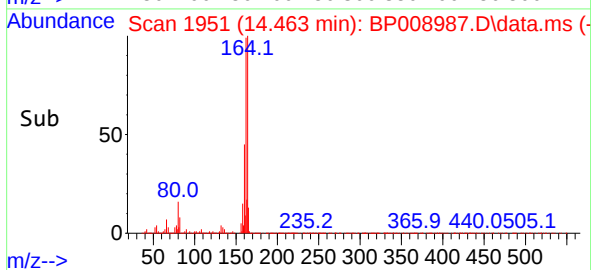
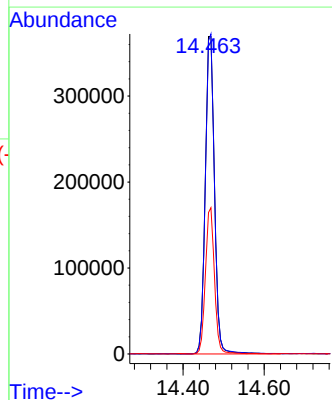
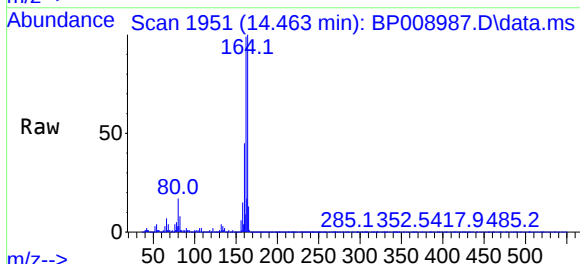
02/02/2022
Supervised By :Jagrut
Upadhyay

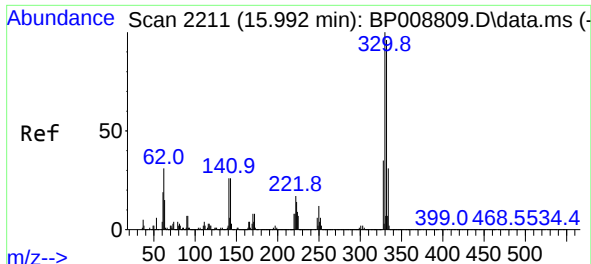
02/02/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1951
Delta R.T. -0.012 min
Lab File: BP008987.D
Acq: 01 Feb 2022 15:24

Tgt Ion:164 Resp: 581647
Ion Ratio Lower Upper
164 100
162 98.6 79.9 119.9
160 44.6 35.5 53.3





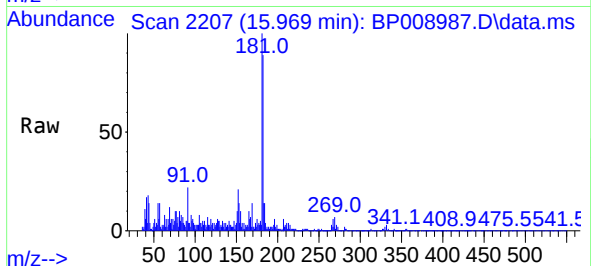
#42
2,4,6-Tribromophenol
Concen: 0.096 ng
RT: 15.969 min Scan# 211
Delta R.T. -0.006 min
Lab File: BP008987.D
Acq: 01 Feb 2022 15:24

Instrument :

BNA_P

ClientSampleId :

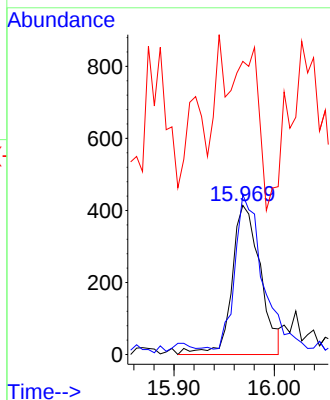
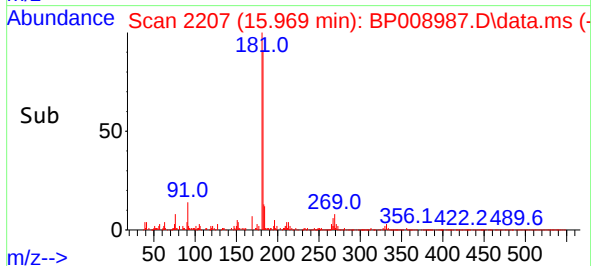
CC-6RE



Tgt Ion:330 Resp: 81
Ion Ratio Lower Upper
330 100
332 105.9 77.0 115.4
141 81.2 21.3 31.9

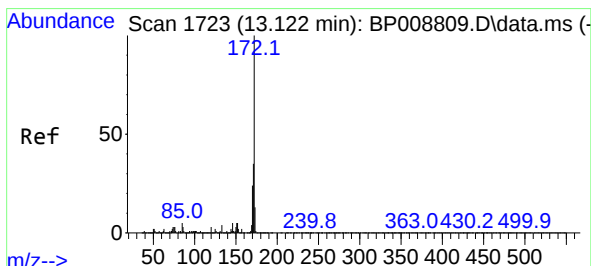
Manual Integrations
APPROVED

Reviewed By :Christian
Giraldo



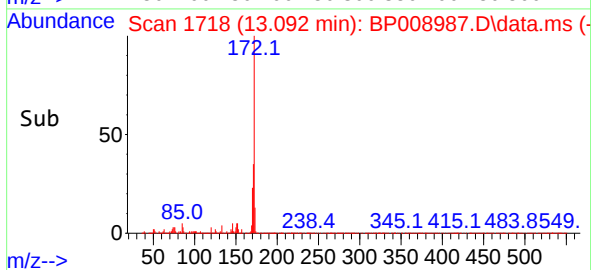
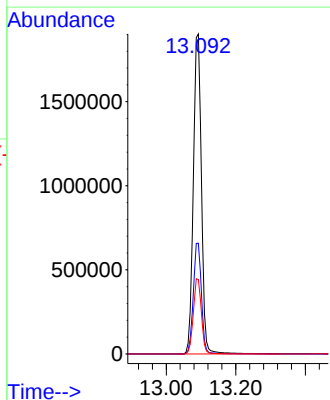
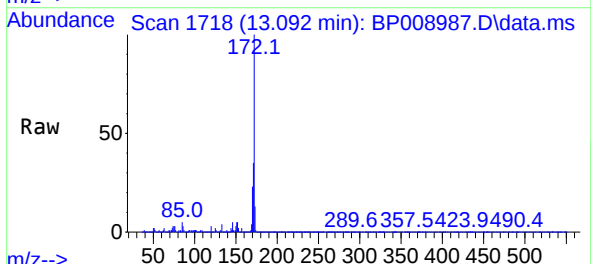
02/02/2022
Supervised By :Jagrut
Upadhyay

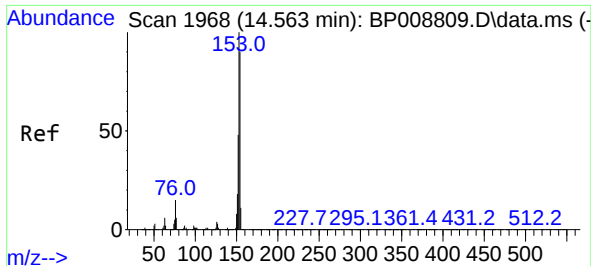
02/02/2022



#45
2-Fluorobiphenyl
Concen: 70.056 ng
RT: 13.092 min Scan# 1718
Delta R.T. -0.006 min
Lab File: BP008987.D
Acq: 01 Feb 2022 15:24

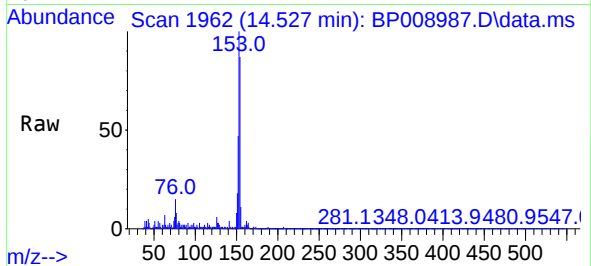
Tgt Ion:172 Resp: 3089899
Ion Ratio Lower Upper
172 100
171 34.6 29.3 43.9
170 23.3 19.5 29.3





#52
Acenaphthene
Concen: 2.356 ng
RT: 14.527 min Scan# 1962
Delta R.T. -0.012 min
Lab File: BP008987.D
Acq: 01 Feb 2022 15:24

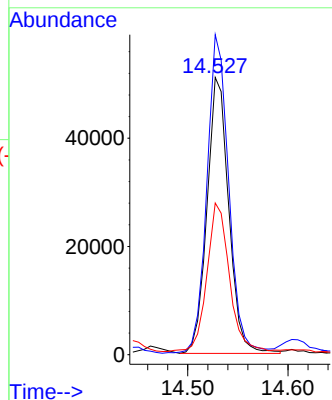
Instrument :
BNA_P
ClientSampleId :
CC-6RE



Tgt Ion:154 Resp: 7703
Ion Ratio Lower Upper
154 100
153 115.4 89.4 134.2
152 54.7 42.6 63.8

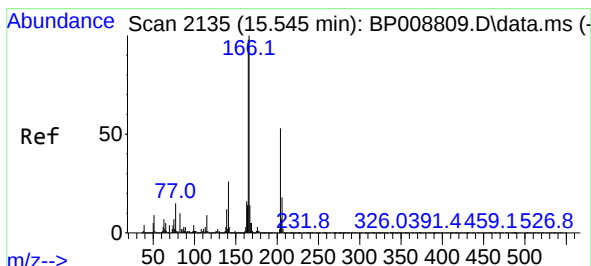
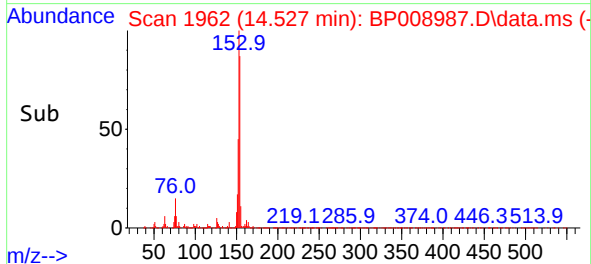
Manual Integrations
APPROVED

Reviewed By :Christian
Giraldo



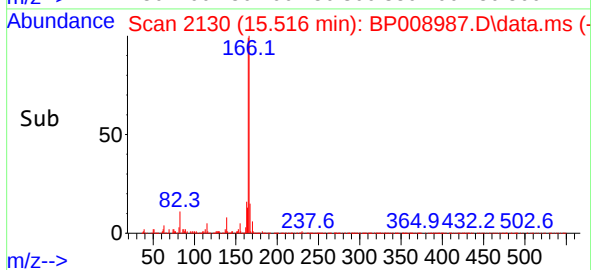
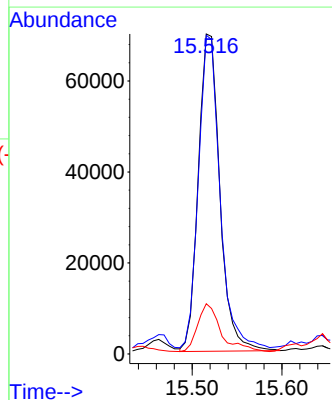
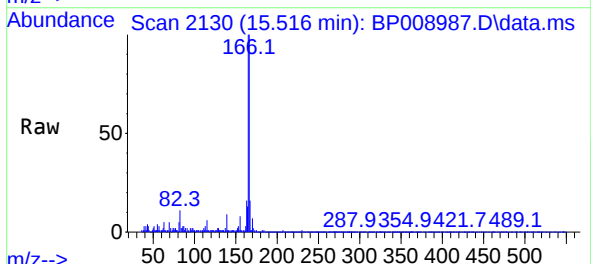
02/02/2022
Supervised By :Jagrut
Upadhyay

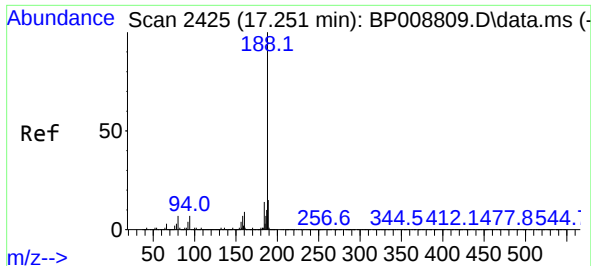
02/02/2022



#58
Fluorene
Concen: 2.764 ng
RT: 15.516 min Scan# 2130
Delta R.T. -0.012 min
Lab File: BP008987.D
Acq: 01 Feb 2022 15:24

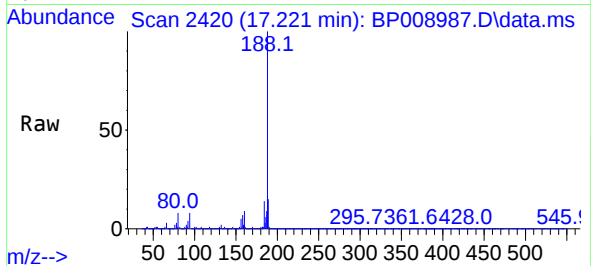
Tgt Ion:166 Resp: 116324
Ion Ratio Lower Upper
166 100
165 99.6 77.2 115.8
167 15.7 11.2 16.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.221 min Scan# 2420
Delta R.T. -0.012 min
Lab File: BP008987.D
Acq: 01 Feb 2022 15:24

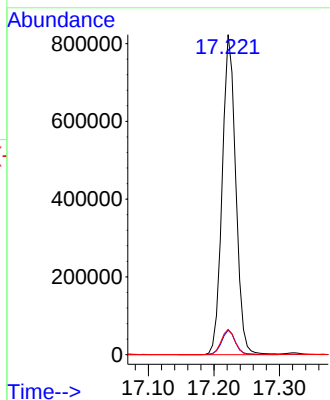
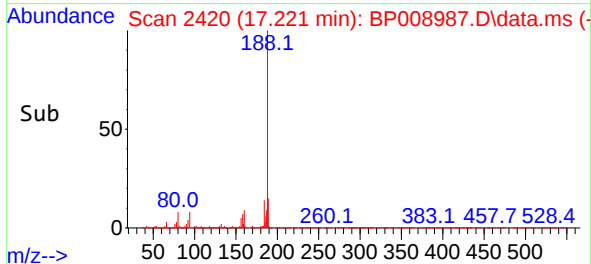
Instrument :
BNA_P
ClientSampleId :
CC-6RE



Tgt Ion:188 Resp: 1176098
Ion Ratio Lower Upper
188 100
94 7.7 6.8 10.2
80 7.9 7.2 10.8

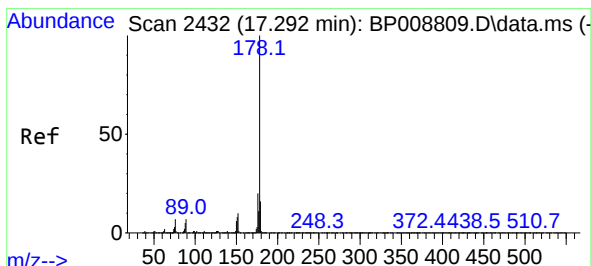
Manual Integrations
APPROVED

Reviewed By :Christian
Giraldo

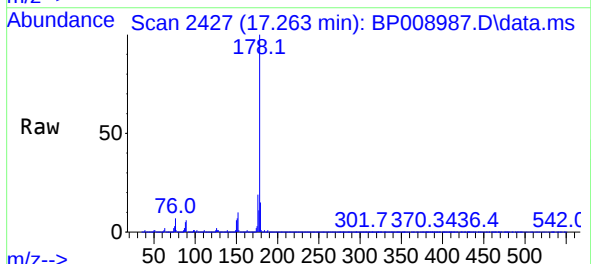


02/02/2022
Supervised By :Jagrut
Upadhyay

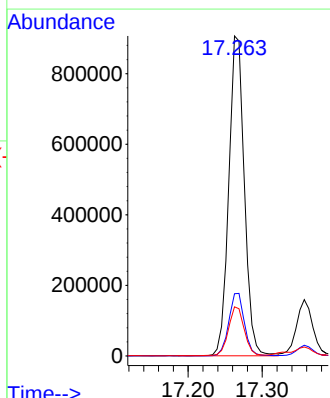
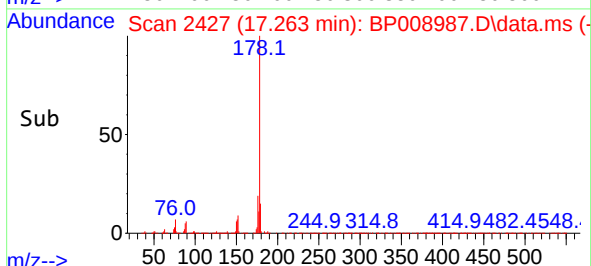
02/02/2022

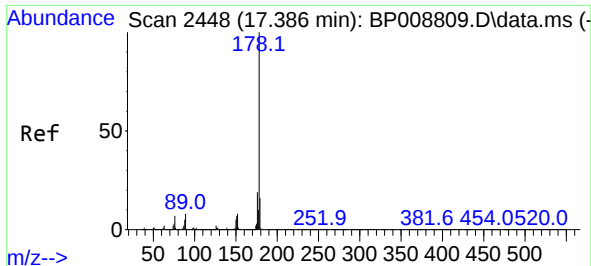


#71
Phenanthrene
Concen: 19.983 ng
RT: 17.263 min Scan# 2427
Delta R.T. -0.012 min
Lab File: BP008987.D
Acq: 01 Feb 2022 15:24



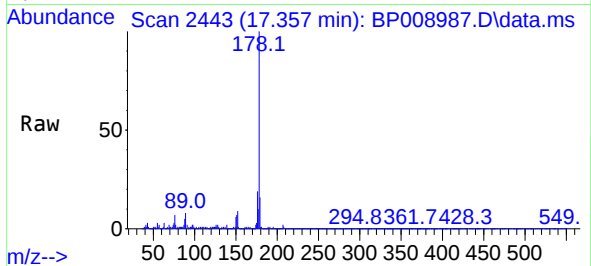
Tgt Ion:178 Resp: 1323240
Ion Ratio Lower Upper
178 100
176 19.4 16.0 24.0
179 15.3 13.0 19.4





#72
 Anthracene
 Concen: 3.485 ng
 RT: 17.357 min Scan# 2448
 Delta R.T. -0.012 min
 Lab File: BP008987.D
 Acq: 01 Feb 2022 15:24

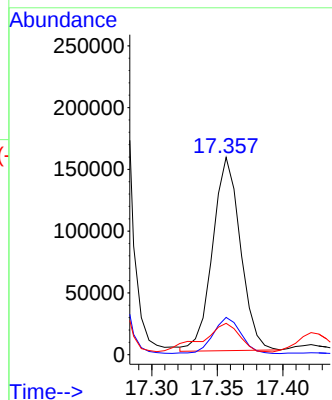
Instrument :
 BNA_P
 ClientSampleId :
 CC-6RE



Tgt Ion:178 Resp: 231504
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.1 22.7
 179 15.9 12.8 19.2

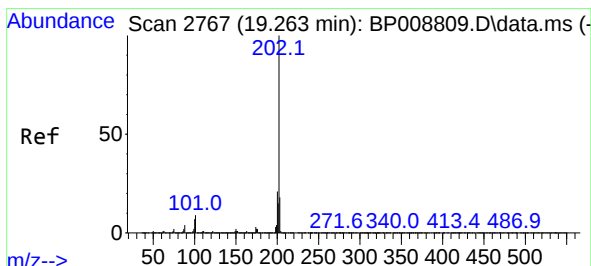
Manual Integrations
 APPROVED

Reviewed By :Christian
 Giraldo



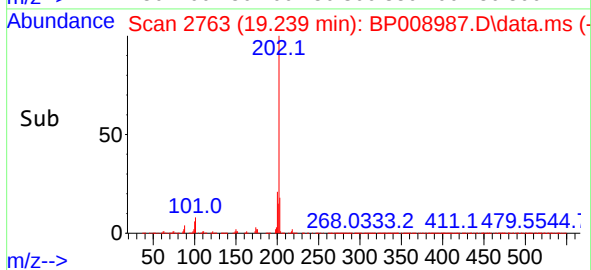
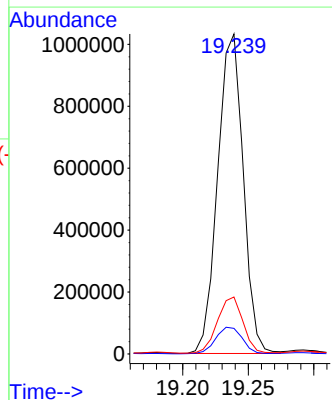
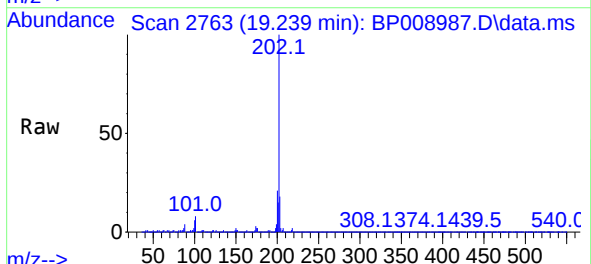
02/02/2022
 Supervised By :Jagrut
 Upadhyay

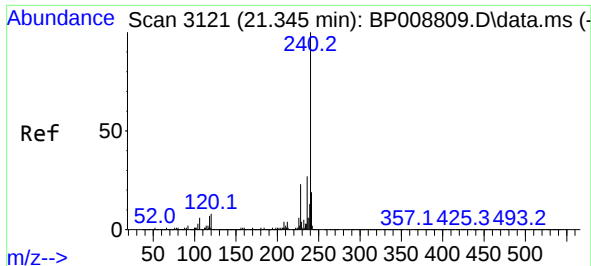
02/02/2022



#75
 Fluoranthene
 Concen: 18.966 ng
 RT: 19.239 min Scan# 2763
 Delta R.T. -0.006 min
 Lab File: BP008987.D
 Acq: 01 Feb 2022 15:24

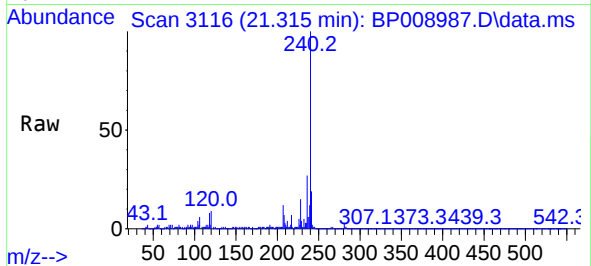
Tgt Ion:202 Resp: 1396657
 Ion Ratio Lower Upper
 202 100
 101 8.0 0.0 30.7
 203 17.8 0.0 38.9





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.315 min Scan# 3116
Delta R.T. -0.012 min
Lab File: BP008987.D
Acq: 01 Feb 2022 15:24

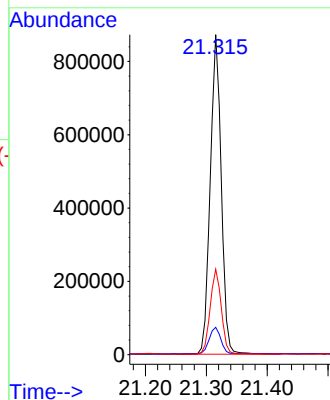
Instrument :
BNA_P
ClientSampleId :
CC-6RE



Tgt Ion:240 Resp: 109682
Ion Ratio Lower Upper
240 100
120 8.5 7.7 11.5
236 26.7 21.2 31.8

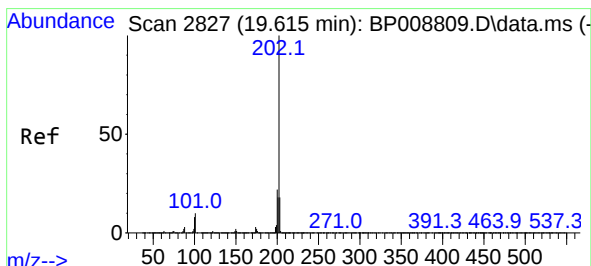
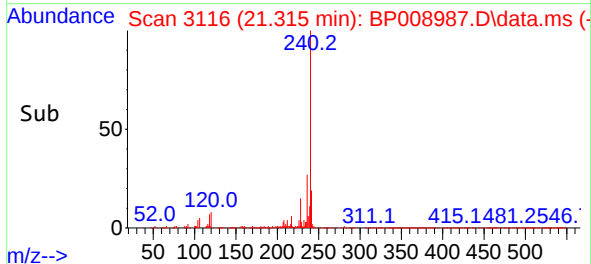
Manual Integrations
APPROVED

Reviewed By :Christian
Giraldo



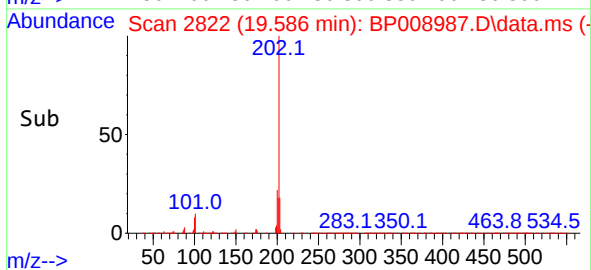
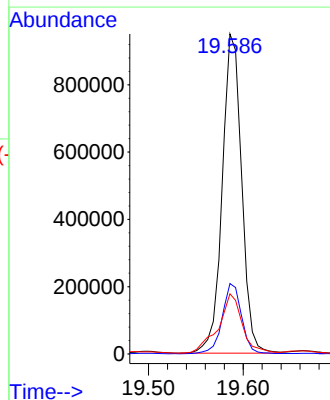
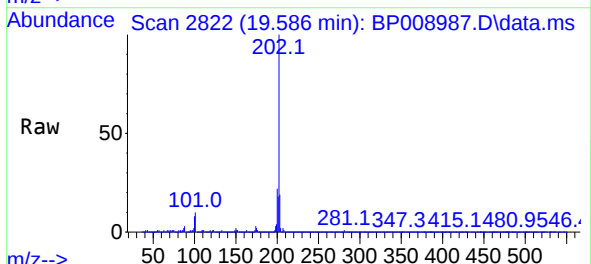
02/02/2022
Supervised By :Jagrut
Upadhyay

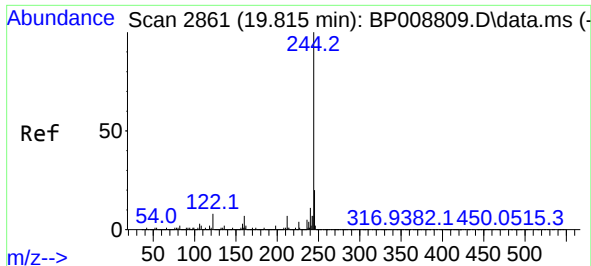
02/02/2022



#78
Pyrene
Concen: 17.698 ng
RT: 19.586 min Scan# 2822
Delta R.T. -0.012 min
Lab File: BP008987.D
Acq: 01 Feb 2022 15:24

Tgt Ion:202 Resp: 1354453
Ion Ratio Lower Upper
202 100
200 22.0 18.0 27.0
203 18.8 15.0 22.6





#79
 Terphenyl-d14
 Concen: 66.430 ng
 RT: 19.786 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP008987.D
 Acq: 01 Feb 2022 15:24

Instrument :

BNA_P

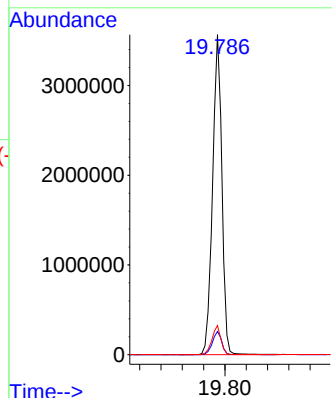
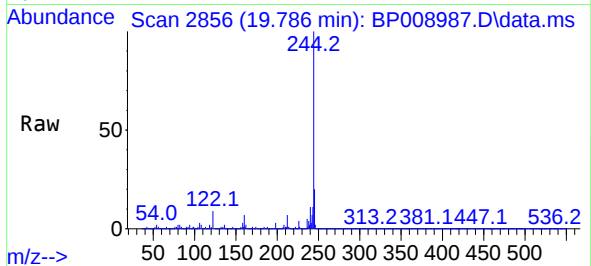
ClientSampleId :

CC-6RE

Tgt Ion:244 Resp: 4316618
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.5 9.7
 122 9.1 9.2 13.8

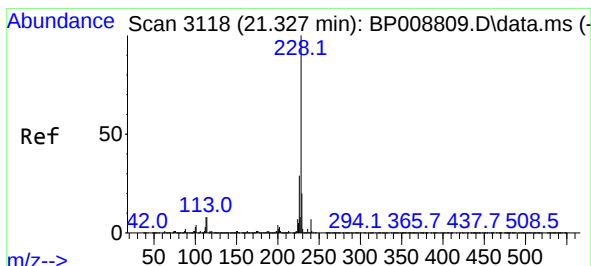
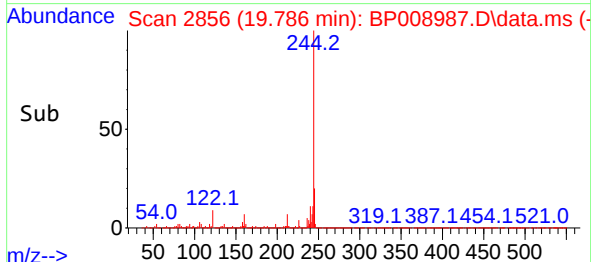
Manual Integrations
 APPROVED

Reviewed By :Christian
 Giraldo



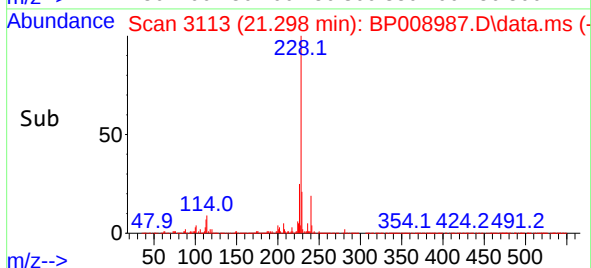
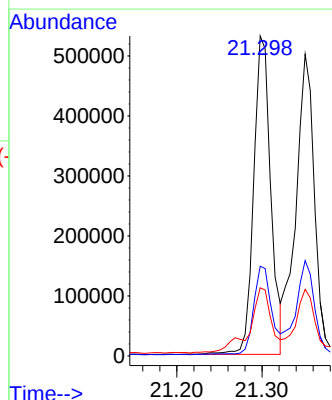
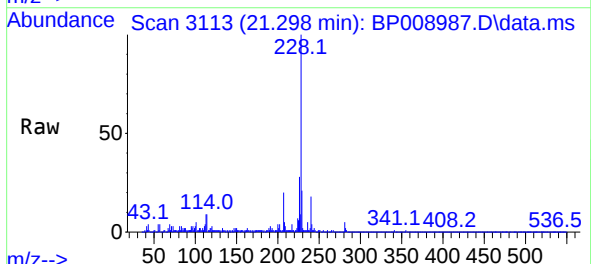
02/02/2022
 Supervised By :Jagrut
 Upadhyay

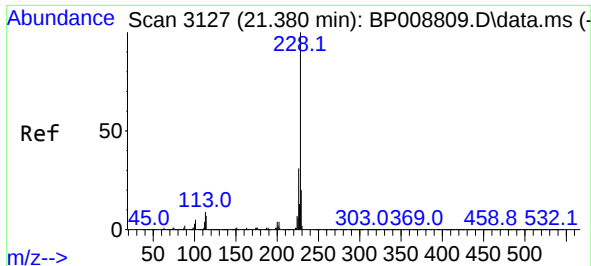
02/02/2022



#81
 Benzo(a)anthracene
 Concen: 10.025 ng
 RT: 21.298 min Scan# 3113
 Delta R.T. -0.012 min
 Lab File: BP008987.D
 Acq: 01 Feb 2022 15:24

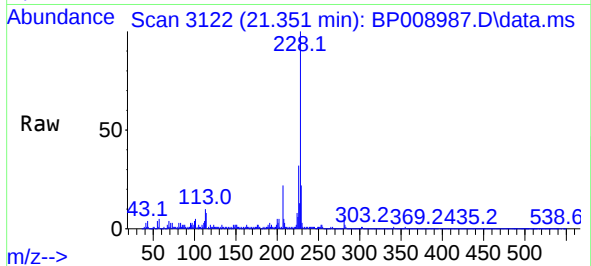
Tgt Ion:228 Resp: 739742
 Ion Ratio Lower Upper
 228 100
 226 28.1 23.3 34.9
 229 21.3 17.0 25.6





#83
Chrysene
Concen: 10.504 ng
RT: 21.351 min Scan# 3127
Delta R.T. -0.012 min
Lab File: BP008987.D
Acq: 01 Feb 2022 15:24

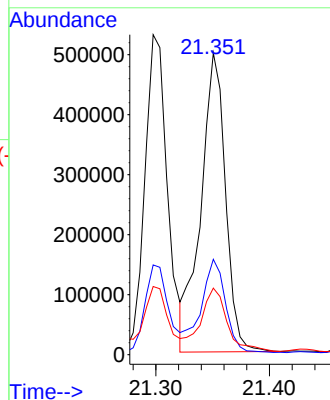
Instrument :
BNA_P
ClientSampleId :
CC-6RE



Tgt Ion:228 Resp: 751320
Ion Ratio Lower Upper
228 100
226 31.6 26.0 39.0
229 22.1 16.9 25.3

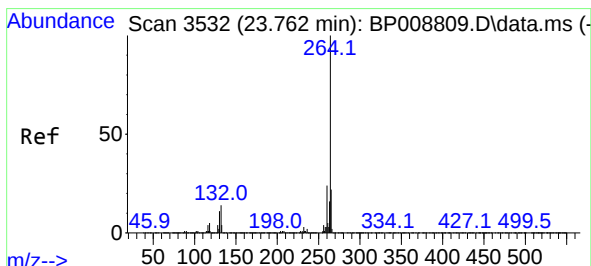
Manual Integrations
APPROVED

Reviewed By :Christian
Giraldo



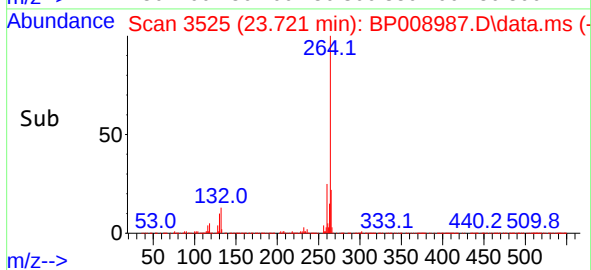
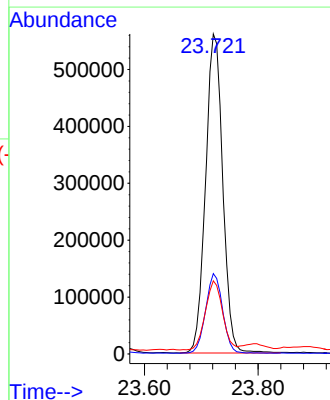
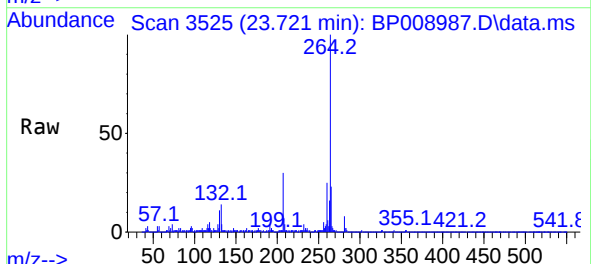
02/02/2022
Supervised By :Jagrut
Upadhyay

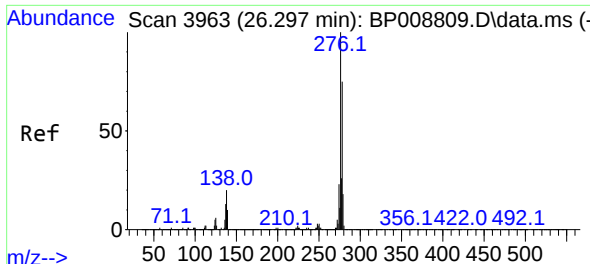
02/02/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.721 min Scan# 3525
Delta R.T. -0.018 min
Lab File: BP008987.D
Acq: 01 Feb 2022 15:24

Tgt Ion:264 Resp: 1174259
Ion Ratio Lower Upper
264 100
260 25.1 19.1 28.7
265 22.8 17.1 25.7





#87
Indeno(1,2,3-cd)pyrene
Concen: 4.757 ng
RT: 26.233 min Scan# 3963
Delta R.T. -0.030 min
Lab File: BP008987.D
Acq: 01 Feb 2022 15:24

Instrument :

BNA_P

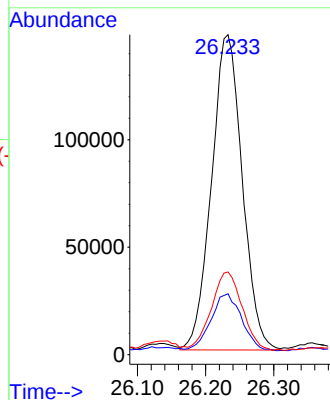
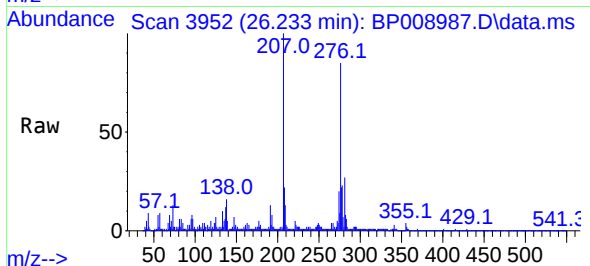
ClientSampleId :

CC-6RE

Tgt Ion:276 Resp: 460310
Ion Ratio Lower Upper
276 100
138 18.0 17.8 26.6
277 24.4 20.4 30.6

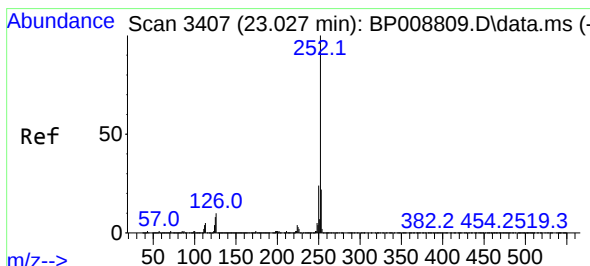
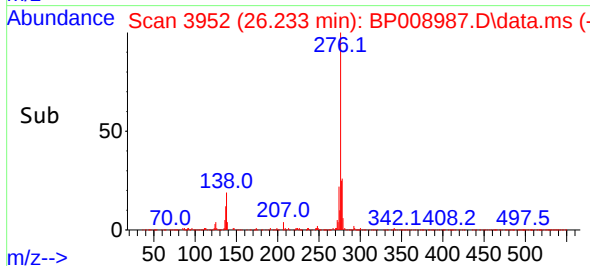
Manual Integrations
APPROVED

Reviewed By :Christian
Giraldo



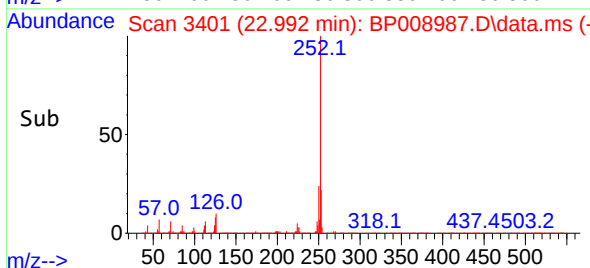
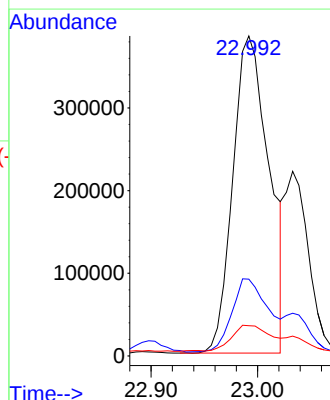
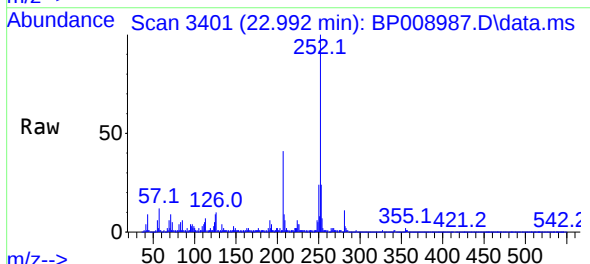
02/02/2022
Supervised By :Jagrut
Upadhyay

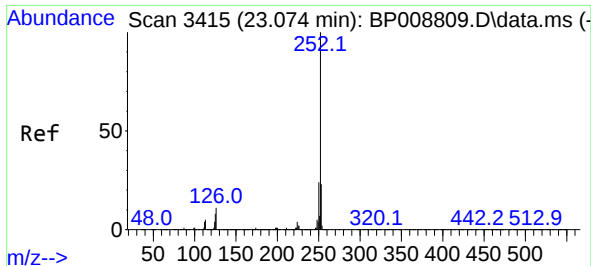
02/02/2022



#88
Benzo(b)fluoranthene
Concen: 11.582 ng
RT: 22.992 min Scan# 3401
Delta R.T. -0.012 min
Lab File: BP008987.D
Acq: 01 Feb 2022 15:24

Tgt Ion:252 Resp: 908259
Ion Ratio Lower Upper
252 100
253 24.0 18.0 27.0
125 9.4 6.9 10.3





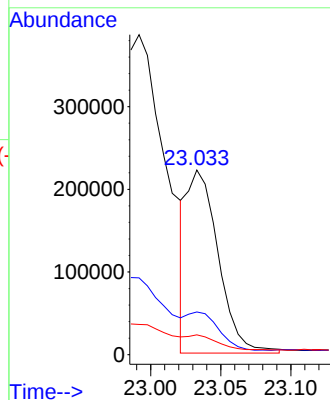
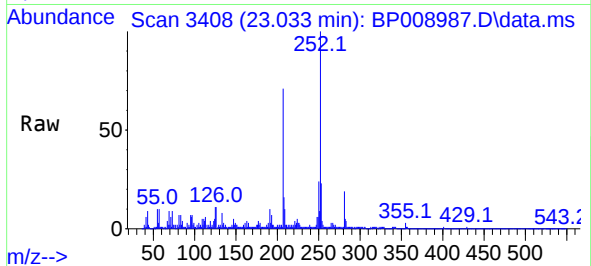
#89
Benzo(k)fluoranthene
Concen: 4.559 ng m
RT: 23.033 min Scan# 3415
Delta R.T. -0.018 min
Lab File: BP008987.D
Acq: 01 Feb 2022 15:24

Instrument :
BNA_P
ClientSampleId :
CC-6RE

Tgt Ion:252 Resp: 34610
Ion Ratio Lower Upper
252 100
253 23.1 18.2 27.2
125 10.7 7.3 10.9

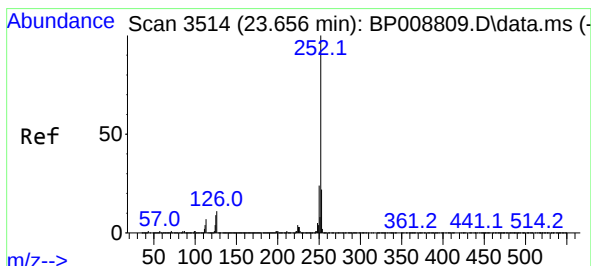
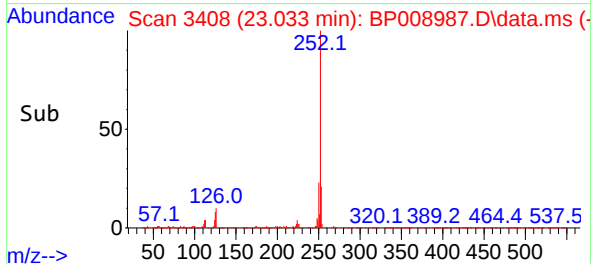
Manual Integrations
APPROVED

Reviewed By :Christian
Giraldo



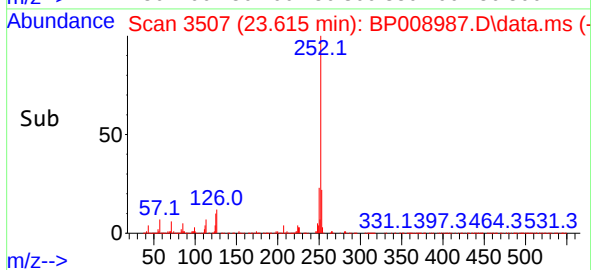
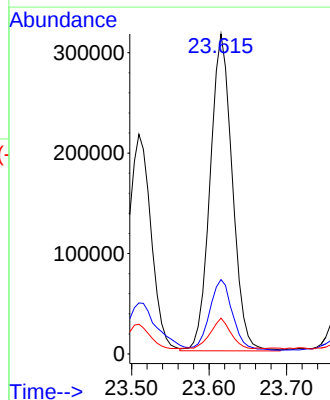
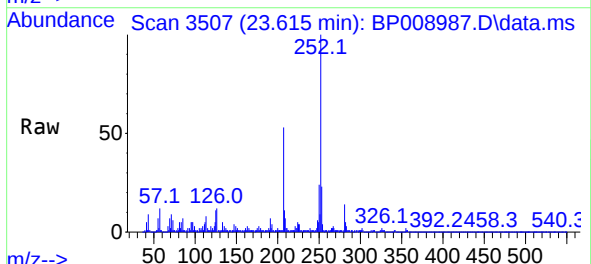
02/02/2022
Supervised By :Jagrut
Upadhyay

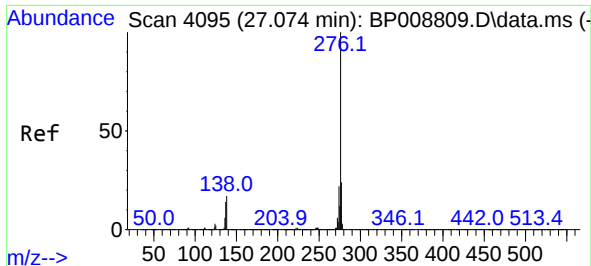
02/02/2022



#90
Benzo(a)pyrene
Concen: 8.298 ng
RT: 23.615 min Scan# 3507
Delta R.T. -0.018 min
Lab File: BP008987.D
Acq: 01 Feb 2022 15:24

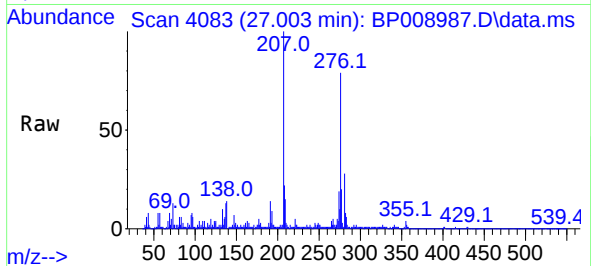
Tgt Ion:252 Resp: 628132
Ion Ratio Lower Upper
252 100
253 23.2 17.8 26.8
125 11.2 7.8 11.6





#92
Benzo(g,h,i)perylene
Concen: 5.717 ng
RT: 27.003 min Scan# 40
Delta R.T. -0.030 min
Lab File: BP008987.D
Acq: 01 Feb 2022 15:24

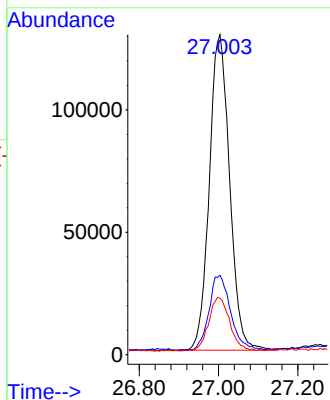
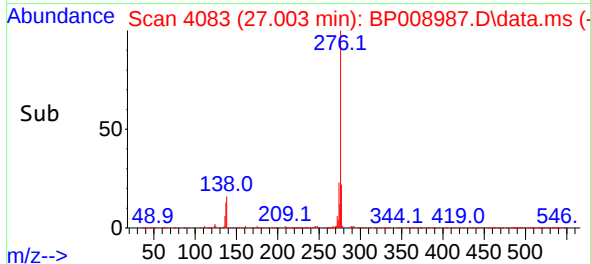
Instrument :
BNA_P
ClientSampleId :
CC-6RE



Tgt Ion:276 Resp: 45924
Ion Ratio Lower Upper
276 100
277 24.8 19.2 28.8
138 17.7 15.0 22.4

Manual Integrations
APPROVED

Reviewed By :Christian
Giraldo



02/02/2022
Supervised By :Jagrut
Upadhyay

02/02/2022