

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060624\
 Data File : BP020547.D
 Acq On : 06 Jun 2024 19:00
 Operator : MA/JU
 Sample : P2712-01 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EO-01-060424

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/07/2024
 Supervised By :mohammad ahmed 06/08/2024

Quant Time: Jun 06 19:54:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 30 03:41:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.757	152	284829	20.000	ng	-0.01
21) Naphthalene-d8	10.534	136	1098022	20.000	ng	0.00
39) Acenaphthene-d10	14.392	164	643390	20.000	ng	0.00
64) Phenanthrene-d10	17.192	188	1354611	20.000	ng	-0.01
76) Chrysene-d12	21.657	240	1327809	20.000	ng	-0.01
86) Perylene-d12	25.009	264	1589255	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	295789	18.593	ng	0.00
7) Phenol-d6	6.934	99	376132	16.766	ng	0.00
23) Nitrobenzene-d5	8.904	82	224669	11.201	ng	-0.02
42) 2,4,6-Tribromophenol	15.904	330	149748	22.427	ng	0.00
45) 2-Fluorobiphenyl	12.998	172	518297	12.009	ng	0.00
79) Terphenyl-d14	19.927	244	854770	10.717	ng	-0.02
Target Compounds						Qvalue
71) Phenanthrene	17.233	178	523249	7.858	ng	99
72) Anthracene	17.333	178	166884	2.554	ng	98
75) Fluoranthene	19.322	202	992276	12.596	ng	99
78) Pyrene	19.704	202	1163425	11.649	ng	100
81) Benzo(a)anthracene	21.633	228	640709	7.328	ng	95
83) Chrysene	21.698	228	585573	7.108	ng	98
87) Indeno(1,2,3-cd)pyrene	28.839	276	408374	4.226	ng	# 95
88) Benzo(b)fluoranthene	23.945	252	761167	7.688	ng	93
89) Benzo(k)fluoranthene	24.015	252	237920m	2.464	ng	
90) Benzo(a)pyrene	24.851	252	597839	7.291	ng	96
92) Benzo(g,h,i)perylene	30.021	276	428252	5.315	ng	96

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

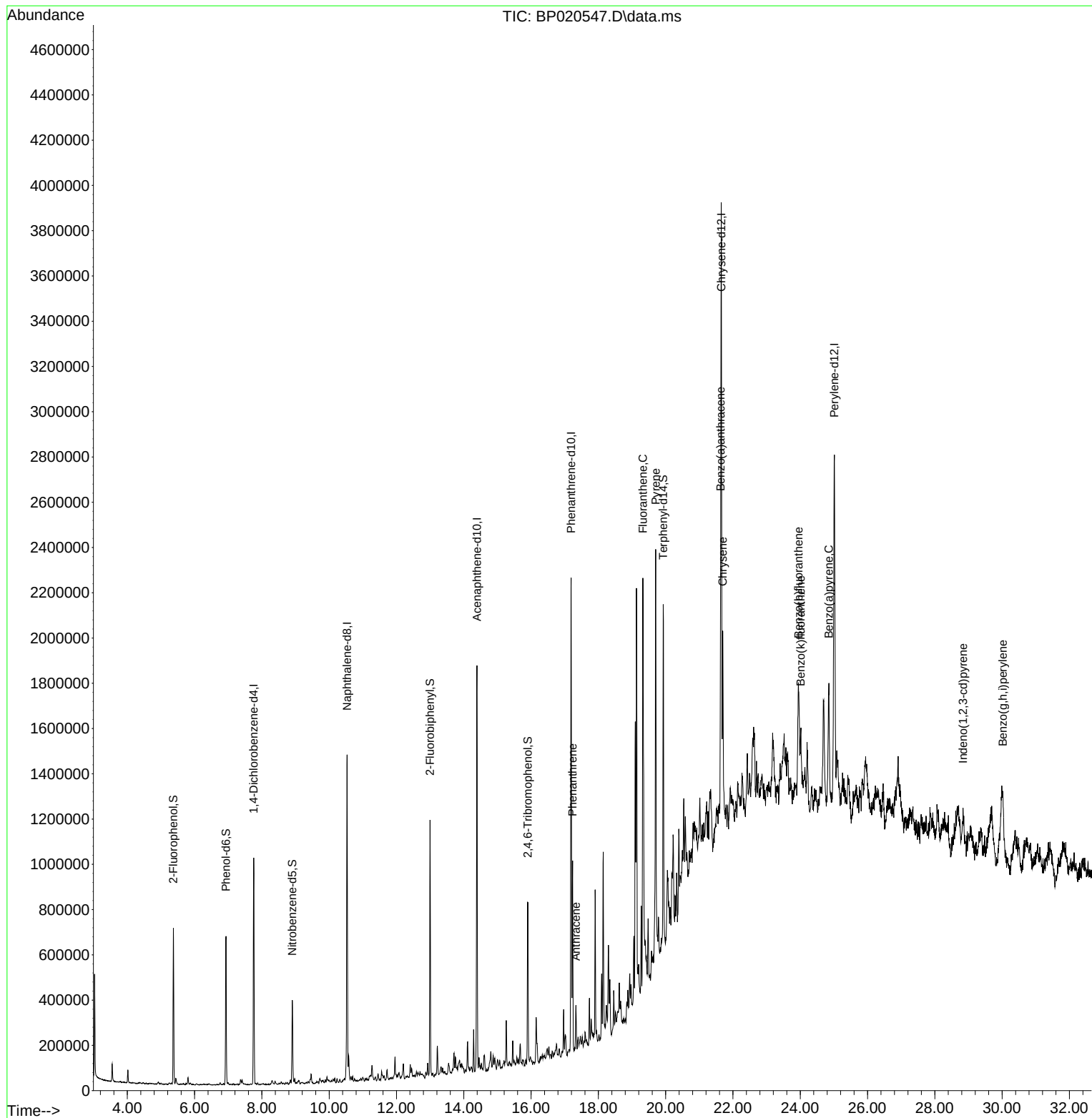
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060624\
Data File : BP020547.D
Acq On : 06 Jun 2024 19:00
Operator : MA/JU
Sample : P2712-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

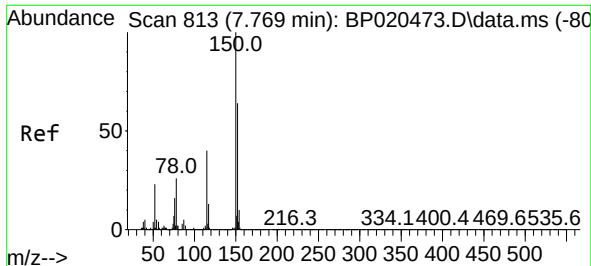
Instrument :
BNA_P
ClientSampleId :
EO-01-060424

Quant Time: Jun 06 19:54:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 30 03:41:03 2024
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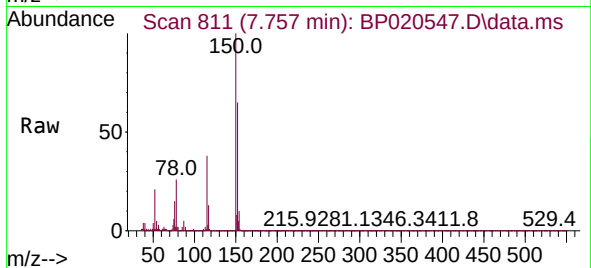
Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.757 min Scan# 811
Delta R.T. -0.012 min
Lab File: BP020547.D
Acq: 06 Jun 2024 19:00

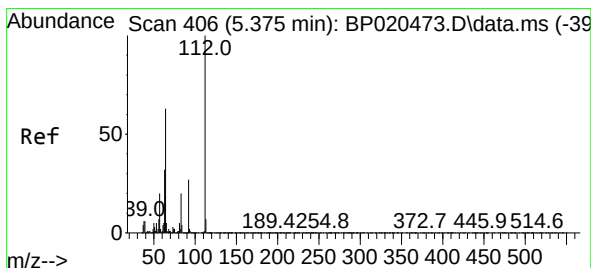
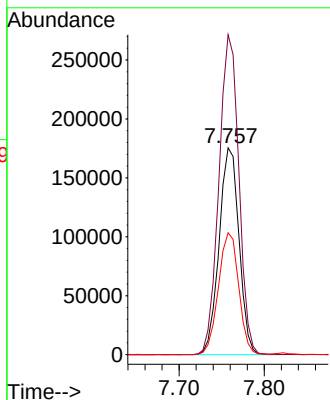
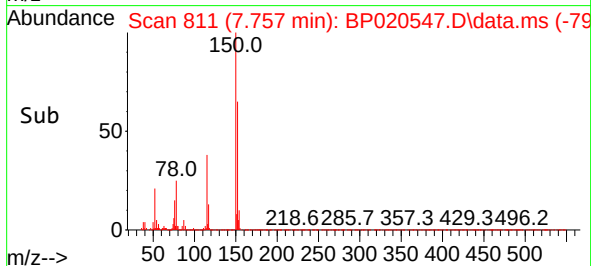
Instrument :
BNA_P
ClientSampleId :
EO-01-060424



Tgt Ion:152 Resp: 284829
Ion Ratio Lower Upper
152 100
150 154.6 124.2 186.2
115 59.0 49.5 74.3

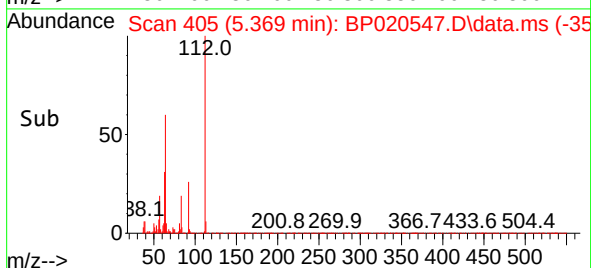
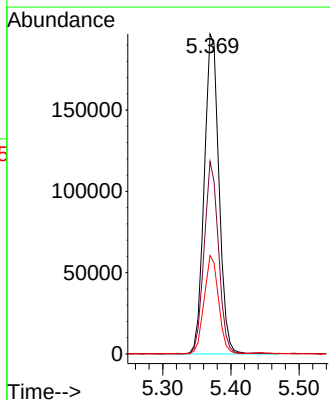
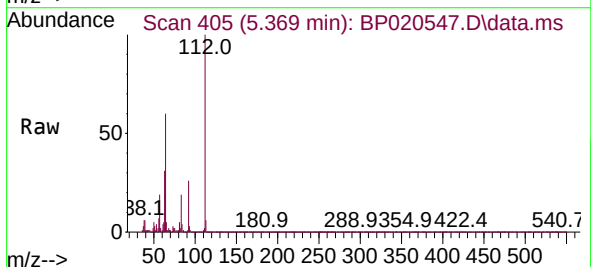
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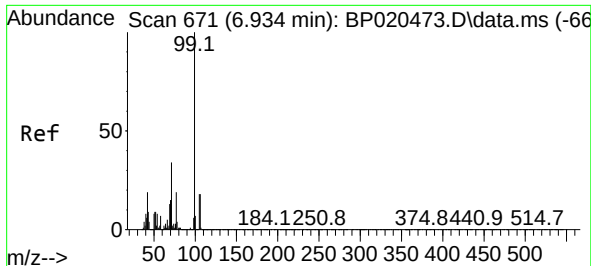
Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024



#5
2-Fluorophenol
Concen: 18.593 ng
RT: 5.369 min Scan# 405
Delta R.T. -0.006 min
Lab File: BP020547.D
Acq: 06 Jun 2024 19:00

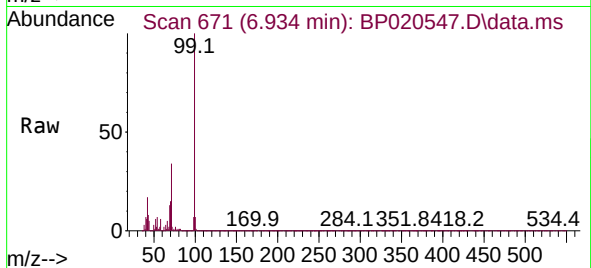
Tgt Ion:112 Resp: 295789
Ion Ratio Lower Upper
112 100
64 60.1 50.1 75.1
63 30.8 25.7 38.5





#7
Phenol-d6
Concen: 16.766 ng
RT: 6.934 min Scan# 671
Delta R.T. -0.000 min
Lab File: BP020547.D
Acq: 06 Jun 2024 19:00

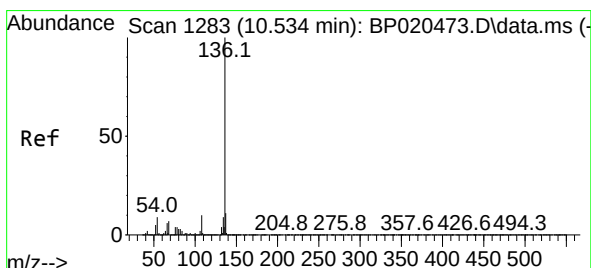
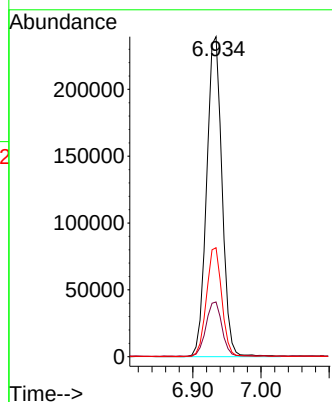
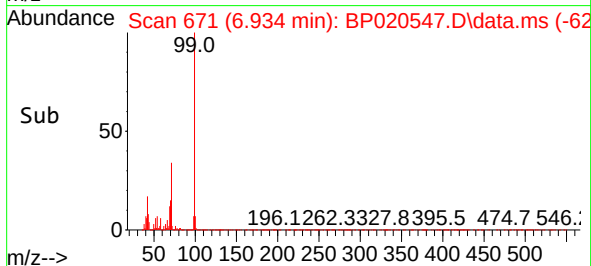
Instrument :
BNA_P
ClientSampleId :
EO-01-060424



Tgt Ion: 99 Resp: 376132
Ion Ratio Lower Upper
99 100
42 17.1 15.0 22.4
71 34.1 27.3 40.9

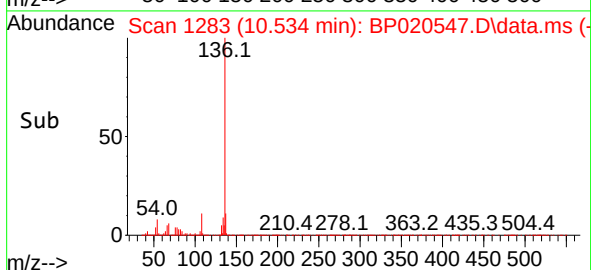
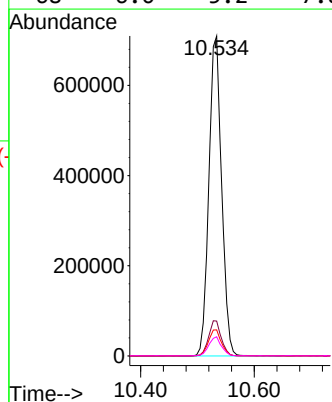
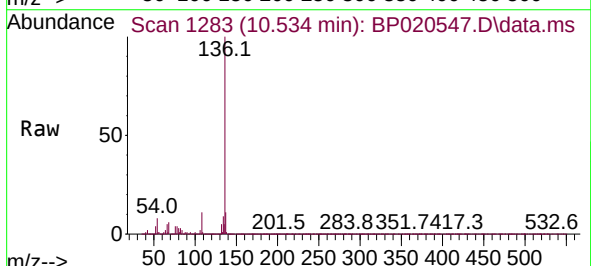
Manual Integrations
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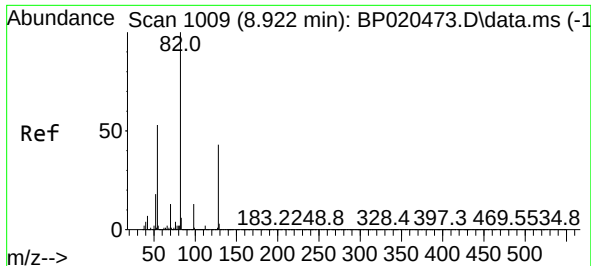
Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.534 min Scan# 1283
Delta R.T. -0.000 min
Lab File: BP020547.D
Acq: 06 Jun 2024 19:00

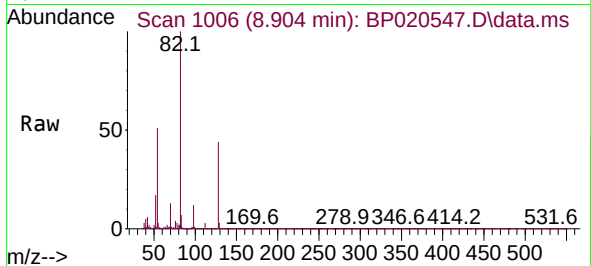
Tgt Ion:136 Resp: 1098022
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 8.2 7.4 11.0
68 6.0 5.2 7.8





#23
Nitrobenzene-d5
Concen: 11.201 ng
RT: 8.904 min Scan# 1006
Delta R.T. -0.018 min
Lab File: BP020547.D
Acq: 06 Jun 2024 19:00

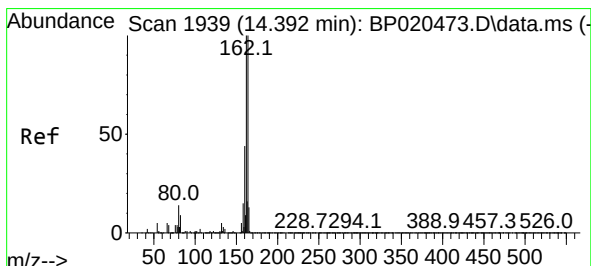
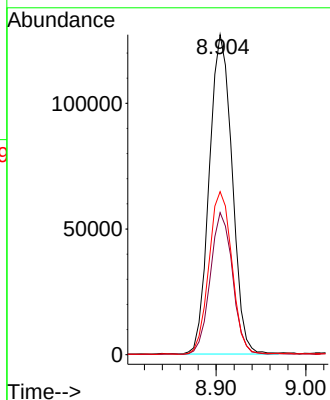
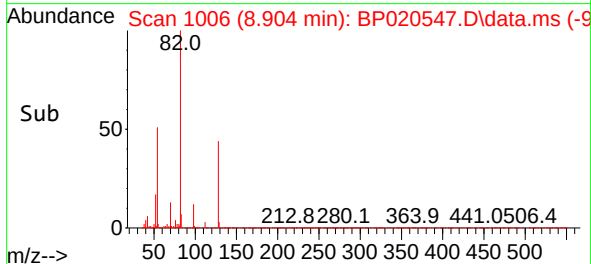
Instrument :
BNA_P
ClientSampleId :
EO-01-060424



Tgt Ion: 82 Resp: 224669
Ion Ratio Lower Upper
82 100
128 44.4 34.2 51.4
54 50.9 42.7 64.1

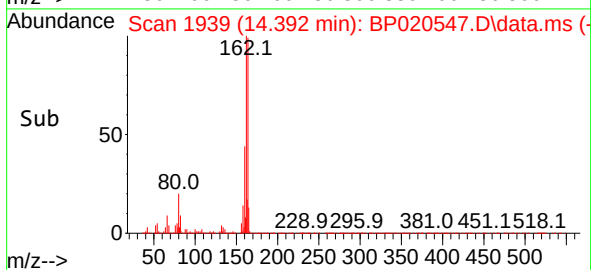
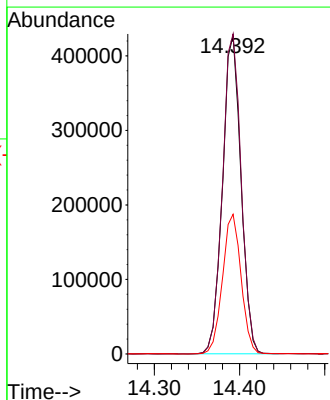
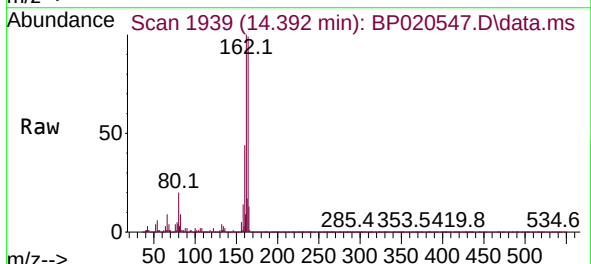
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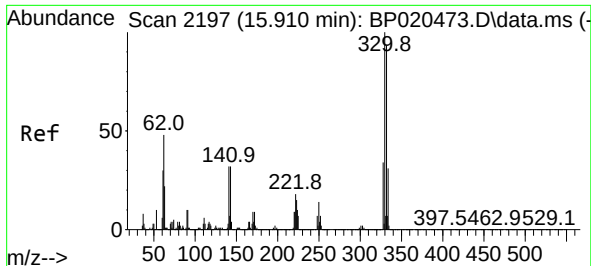
Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1939
Delta R.T. 0.000 min
Lab File: BP020547.D
Acq: 06 Jun 2024 19:00

Tgt Ion:164 Resp: 643390
Ion Ratio Lower Upper
164 100
162 100.5 80.3 120.5
160 43.9 35.4 53.2





#42
2,4,6-Tribromophenol
Concen: 22.427 ng
RT: 15.904 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BP020547.D
Acq: 06 Jun 2024 19:00

Instrument :

BNA_P

ClientSampleId :

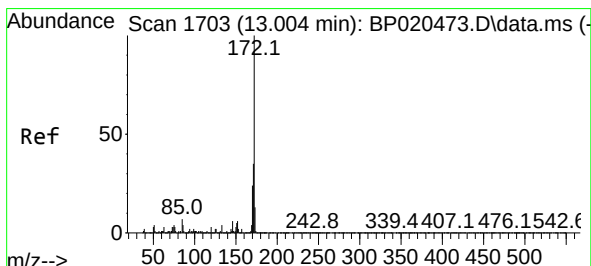
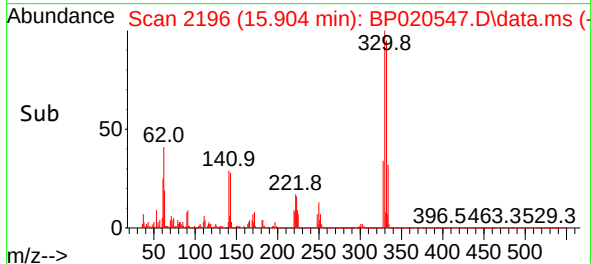
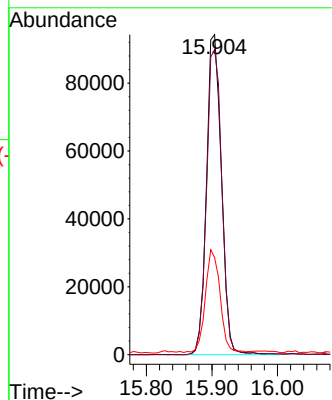
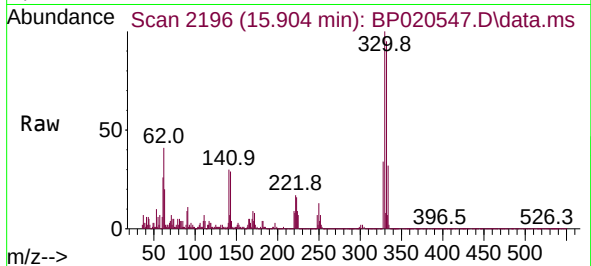
EO-01-060424

Tgt Ion:330 Resp: 149748
Ion Ratio Lower Upper
330 100
332 97.7 76.6 114.8
141 31.5 27.1 40.7

Manual Integrations

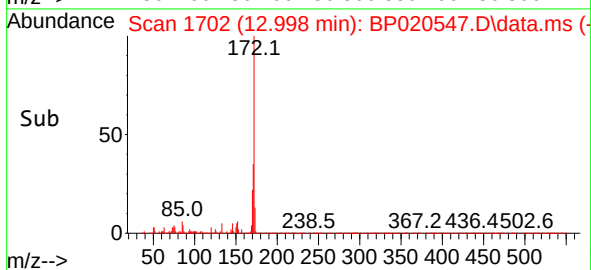
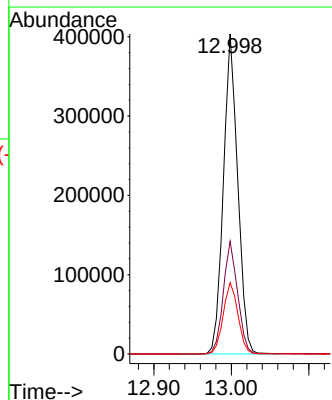
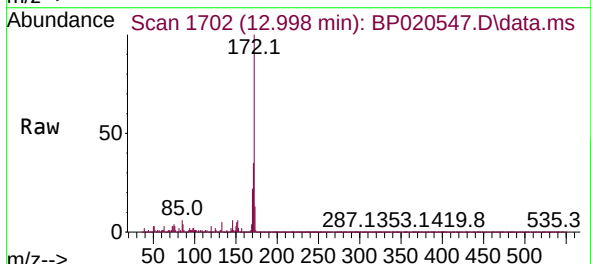
APPROVED

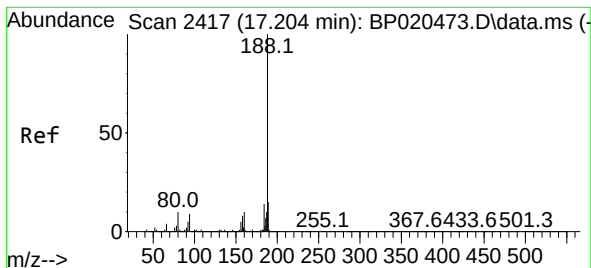
Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024



#45
2-Fluorobiphenyl
Concen: 12.009 ng
RT: 12.998 min Scan# 1702
Delta R.T. -0.006 min
Lab File: BP020547.D
Acq: 06 Jun 2024 19:00

Tgt Ion:172 Resp: 518297
Ion Ratio Lower Upper
172 100
171 35.2 28.4 42.6
170 22.3 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.192 min Scan# 2415

Delta R.T. -0.012 min

Lab File: BP020547.D

Acq: 06 Jun 2024 19:00

Instrument :

BNA_P

ClientSampleId :

EO-01-060424

Tgt Ion:188 Resp: 135461

Ion Ratio Lower Upper

188 100

94 8.1 7.2 10.8

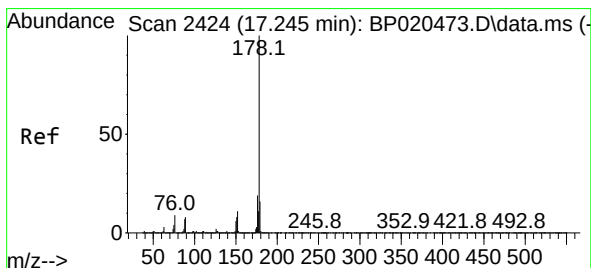
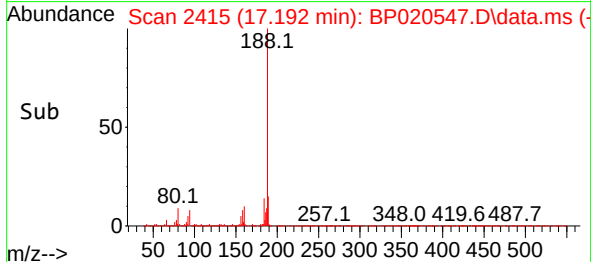
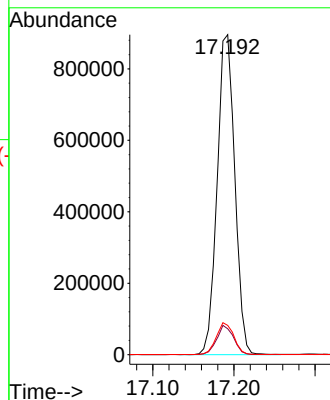
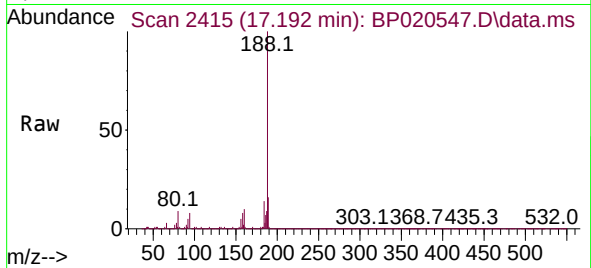
80 9.2 8.1 12.1

Manual Integrations

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Reviewed By :Jagrut Upadhyay 06/07/2024

Supervised By :mohammad ahmed 06/08/2024



#71

Phenanthrene

Concen: 7.858 ng

RT: 17.233 min Scan# 2422

Delta R.T. -0.012 min

Lab File: BP020547.D

Acq: 06 Jun 2024 19:00

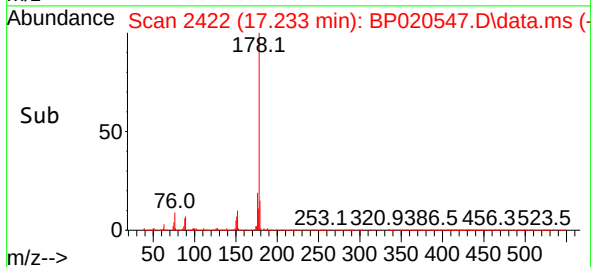
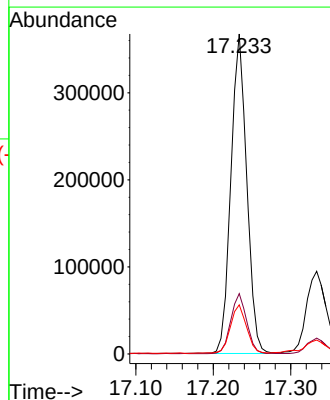
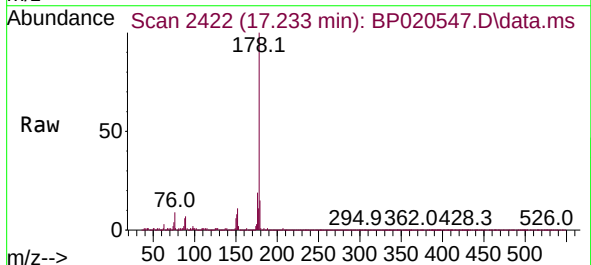
Tgt Ion:178 Resp: 523249

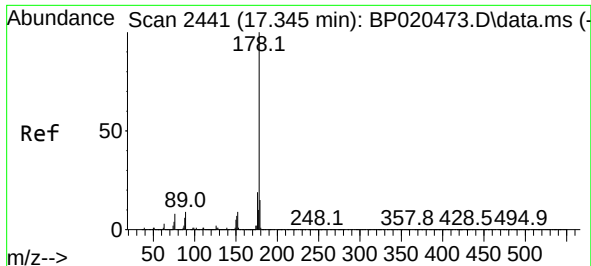
Ion Ratio Lower Upper

178 100

176 18.8 15.4 23.2

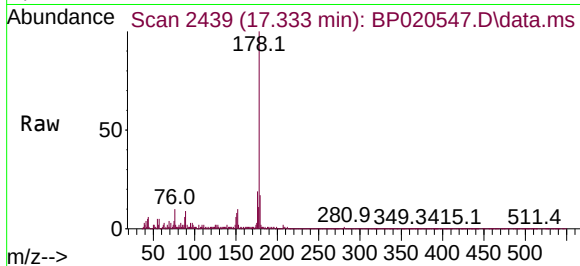
179 15.3 12.5 18.7





#72
 Anthracene
 Concen: 2.554 ng
 RT: 17.333 min Scan# 2441
 Delta R.T. -0.012 min
 Lab File: BP020547.D
 Acq: 06 Jun 2024 19:00

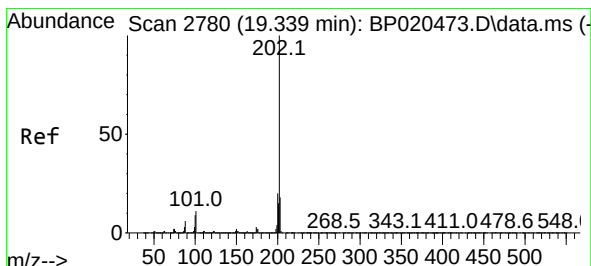
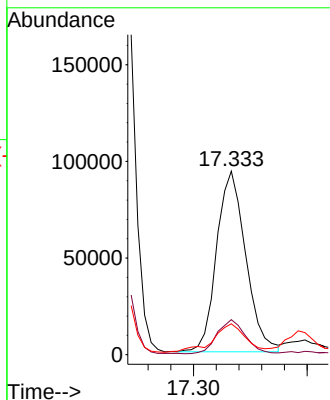
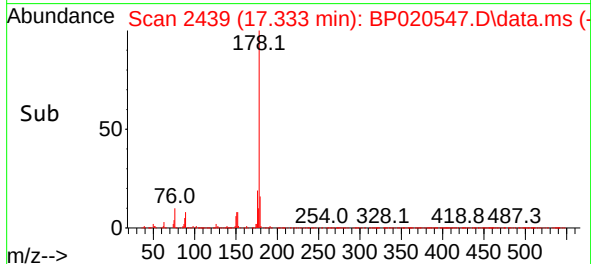
Instrument :
 BNA_P
 ClientSampleId :
 EO-01-060424



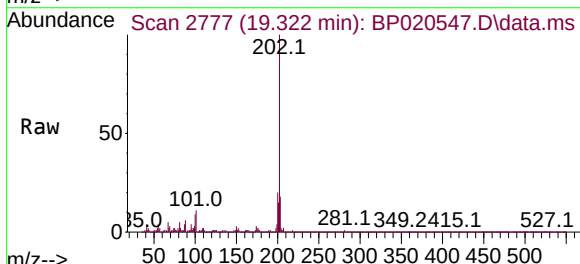
Tgt Ion:178 Resp: 166884
 Ion Ratio Lower Upper
 178 100
 176 19.1 14.8 22.2
 179 16.8 12.2 18.4

Manual Integrations
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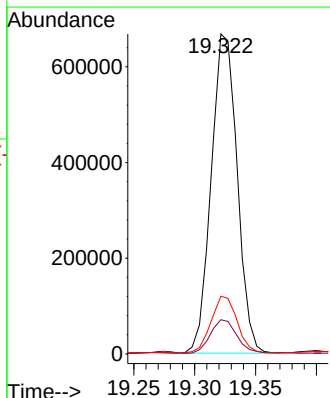
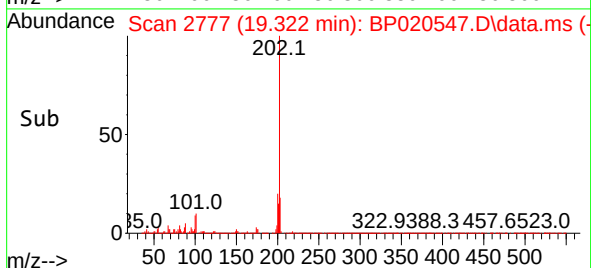
Reviewed By :Jagrut Upadhyay 06/07/2024
 Supervised By :mohammad ahmed 06/08/2024

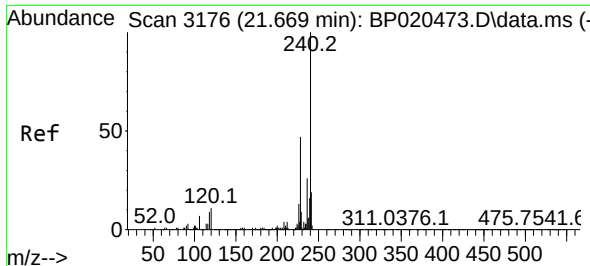


#75
 Fluoranthene
 Concen: 12.596 ng
 RT: 19.322 min Scan# 2777
 Delta R.T. -0.018 min
 Lab File: BP020547.D
 Acq: 06 Jun 2024 19:00



Tgt Ion:202 Resp: 992276
 Ion Ratio Lower Upper
 202 100
 101 10.7 0.0 31.4
 203 18.1 0.0 37.7





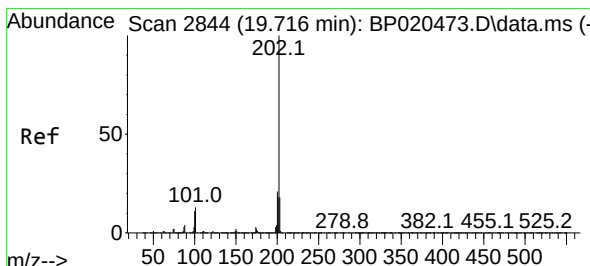
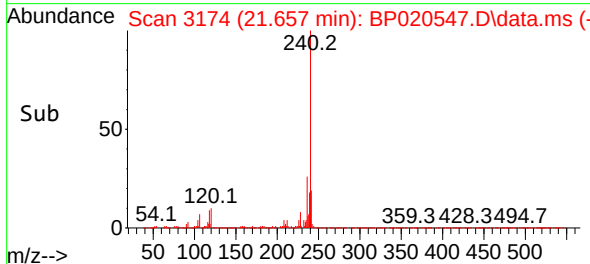
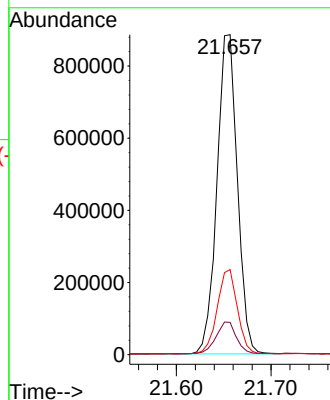
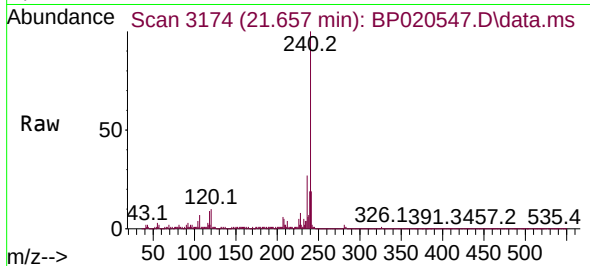
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.657 min Scan# 3176
Delta R.T. -0.012 min
Lab File: BP020547.D
Acq: 06 Jun 2024 19:00

Instrument :
BNA_P
ClientSampleId :
EO-01-060424

Tgt Ion:240 Resp: 1327809
Ion Ratio Lower Upper
240 100
120 10.1 8.5 12.7
236 26.6 20.5 30.7

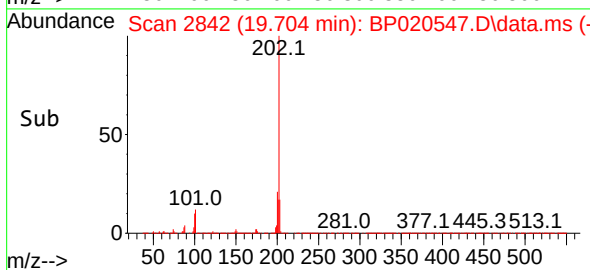
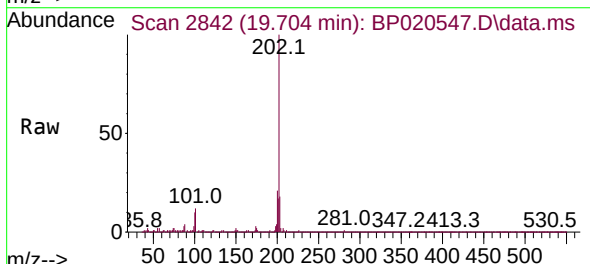
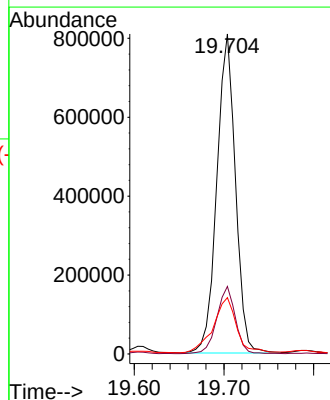
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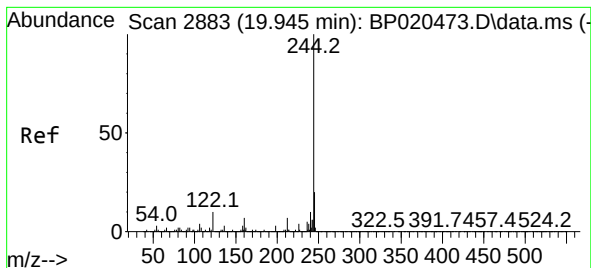
Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024



#78
Pyrene
Concen: 11.649 ng
RT: 19.704 min Scan# 2842
Delta R.T. -0.012 min
Lab File: BP020547.D
Acq: 06 Jun 2024 19:00

Tgt Ion:202 Resp: 1163425
Ion Ratio Lower Upper
202 100
200 21.1 16.9 25.3
203 17.6 14.1 21.1





#79

Terphenyl-d14

Concen: 10.717 ng

RT: 19.927 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP020547.D

Acq: 06 Jun 2024 19:00

Instrument :

BNA_P

ClientSampleId :

EO-01-060424

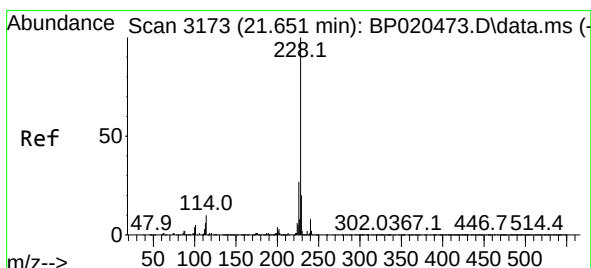
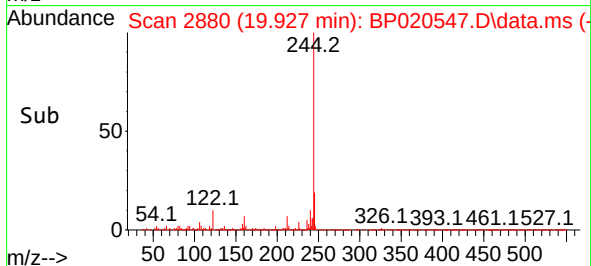
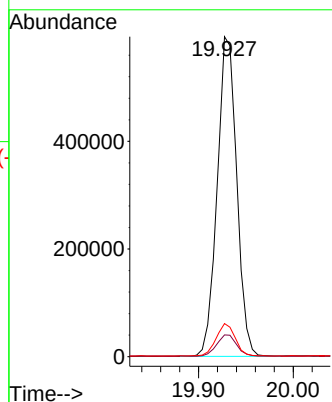
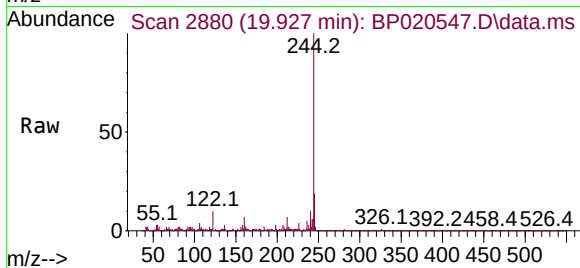
Tgt Ion:244 Resp: 854770

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	10.3	8.2	12.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024



#81

Benzo(a)anthracene

Concen: 7.328 ng

RT: 21.633 min Scan# 3170

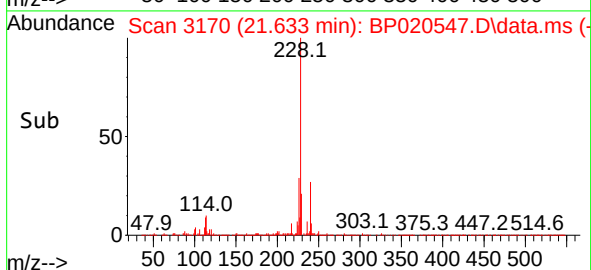
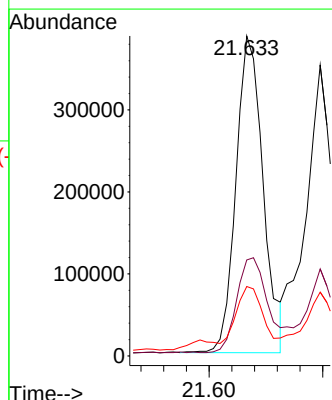
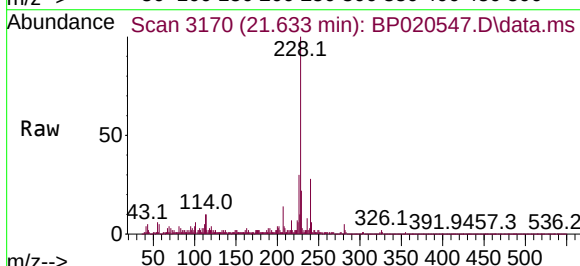
Delta R.T. -0.018 min

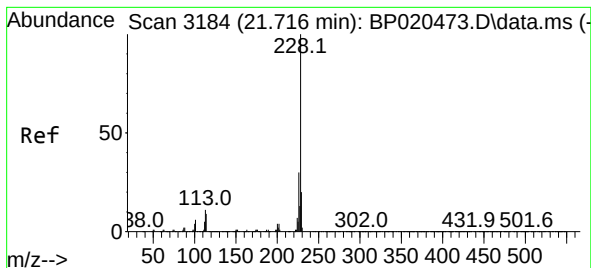
Lab File: BP020547.D

Acq: 06 Jun 2024 19:00

Tgt Ion:228 Resp: 640709

Ion	Ratio	Lower	Upper
228	100		
226	30.0	21.7	32.5
229	21.7	15.8	23.6





#83

Chrysene

Concen: 7.108 ng

RT: 21.698 min Scan# 3184

Delta R.T. -0.018 min

Lab File: BP020547.D

Acq: 06 Jun 2024 19:00

Instrument :

BNA_P

ClientSampleId :

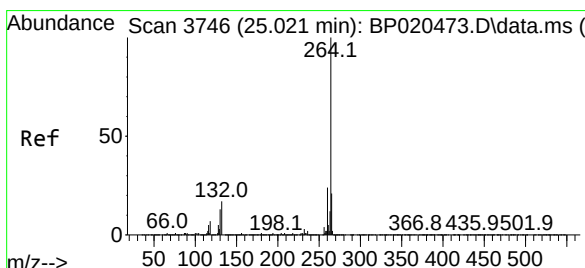
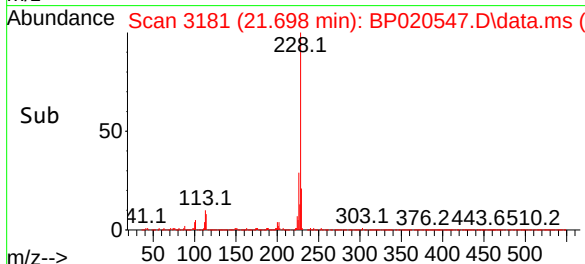
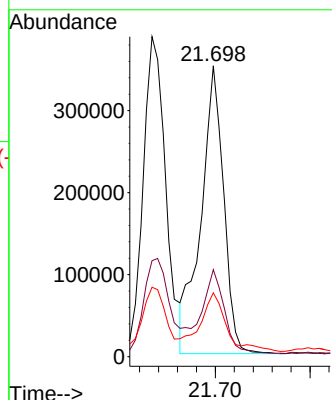
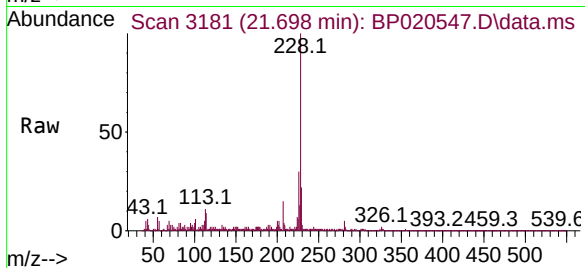
EO-01-060424

Tgt Ion:	228	Resp:	58557
Ion Ratio	Lower	Upper	
228	100		
226	29.9	24.0	36.0
229	21.9	15.7	23.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024



#86

Perylene-d12

Concen: 20.000 ng

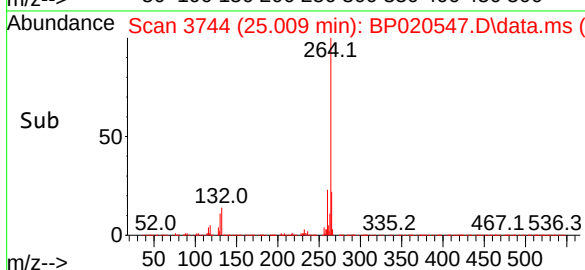
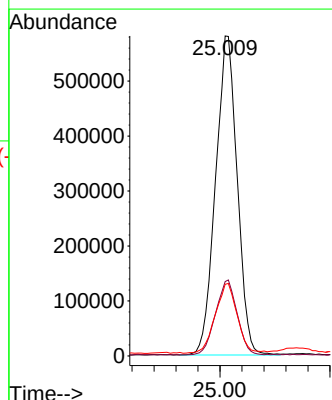
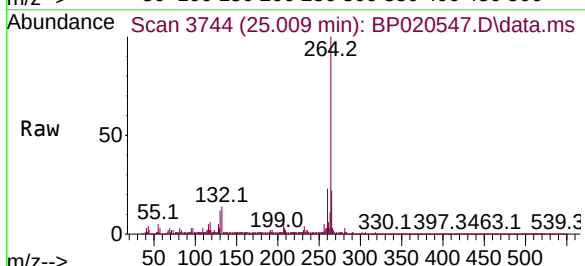
RT: 25.009 min Scan# 3744

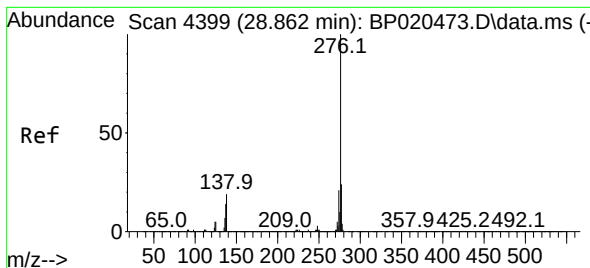
Delta R.T. -0.012 min

Lab File: BP020547.D

Acq: 06 Jun 2024 19:00

Tgt Ion:	264	Resp:	1589255
Ion Ratio	Lower	Upper	
264	100		
260	23.3	18.9	28.3
265	22.4	17.4	26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.226 ng

RT: 28.839 min Scan# 41

Delta R.T. -0.024 min

Lab File: BP020547.D

Acq: 06 Jun 2024 19:00

Instrument :

BNA_P

ClientSampleId :

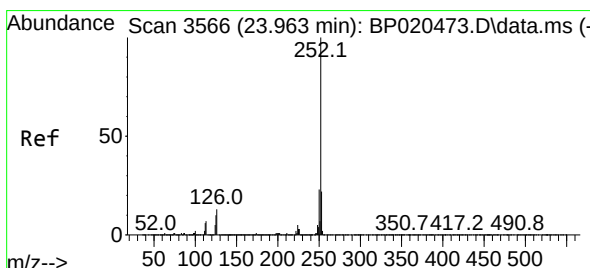
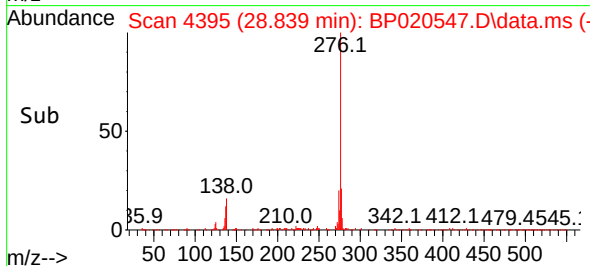
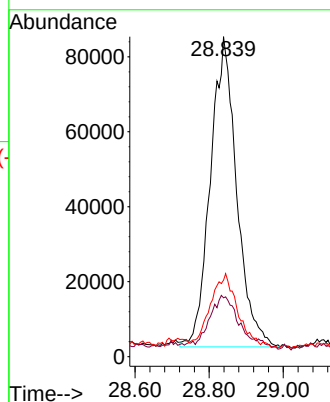
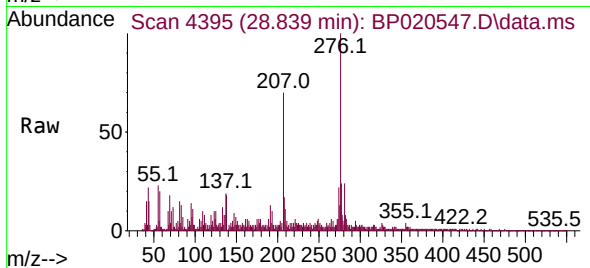
EO-01-060424

Tgt Ion:	276	Resp:	408374
Ion Ratio	Lower	Upper	
276	100		
138	16.3	12.8	19.2
277	23.5	15.6	23.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024



#88

Benzo(b)fluoranthene

Concen: 7.688 ng

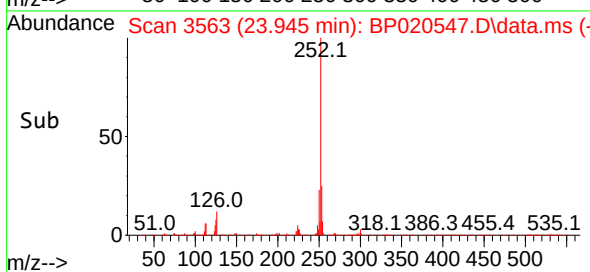
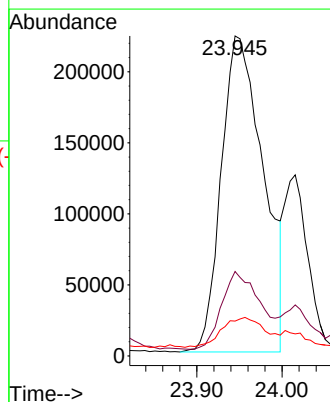
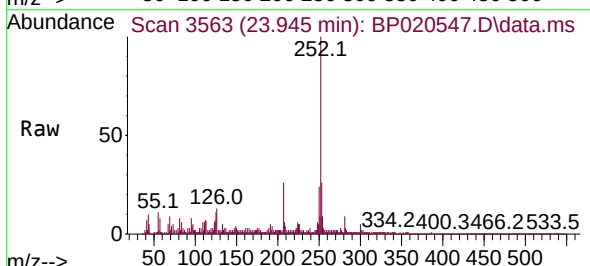
RT: 23.945 min Scan# 3563

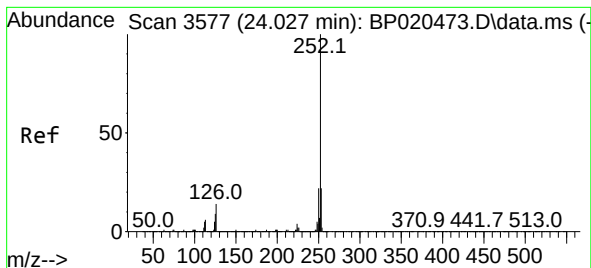
Delta R.T. -0.018 min

Lab File: BP020547.D

Acq: 06 Jun 2024 19:00

Tgt Ion:	252	Resp:	761167
Ion Ratio	Lower	Upper	
252	100		
253	26.4	17.6	26.4
125	10.9	8.0	12.0





#89

Benzo(k)fluoranthene

Concen: 2.464 ng m

RT: 24.015 min Scan# 3

Delta R.T. -0.012 min

Lab File: BP020547.D

Acq: 06 Jun 2024 19:00

Instrument :

BNA_P

ClientSampleId :

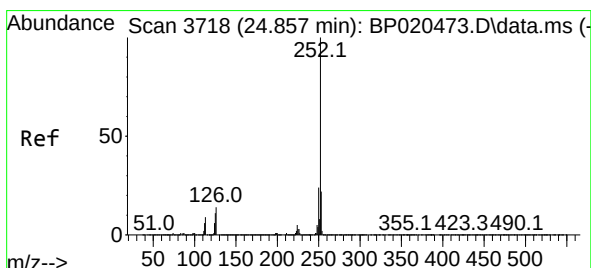
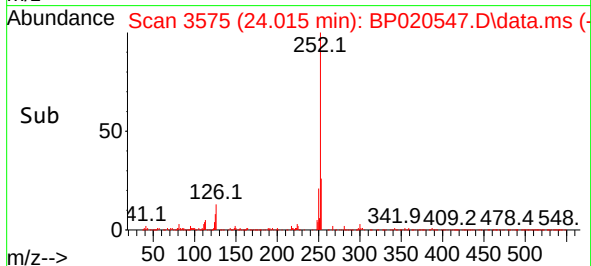
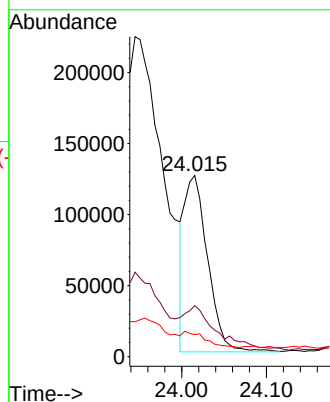
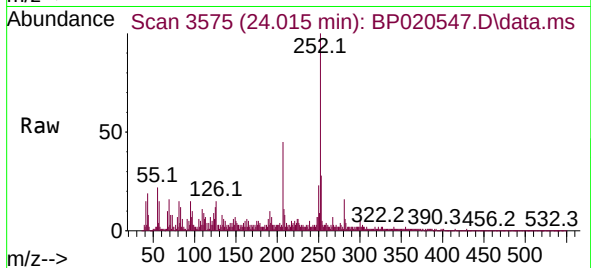
EO-01-060424

Tgt Ion:252 Resp: 237920
 Ion Ratio Lower Upper
 252 100
 253 28.2 17.7 26.5
 125 12.2 7.8 11.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/07/2024
 Supervised By :mohammad ahmed 06/08/2024



#90

Benzo(a)pyrene

Concen: 7.291 ng

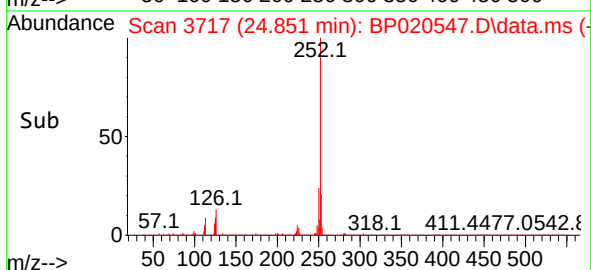
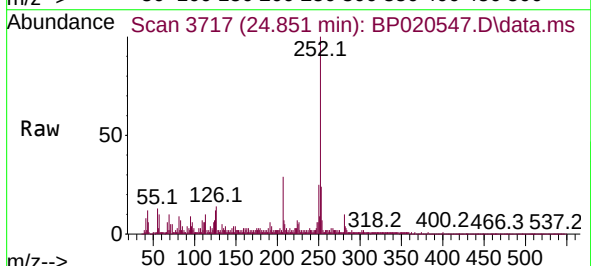
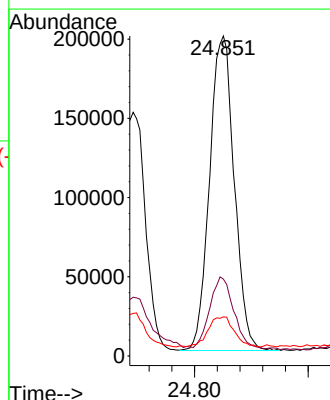
RT: 24.851 min Scan# 3717

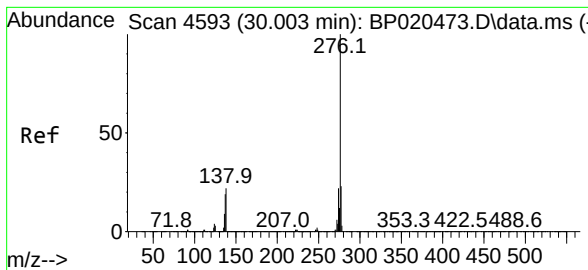
Delta R.T. -0.006 min

Lab File: BP020547.D

Acq: 06 Jun 2024 19:00

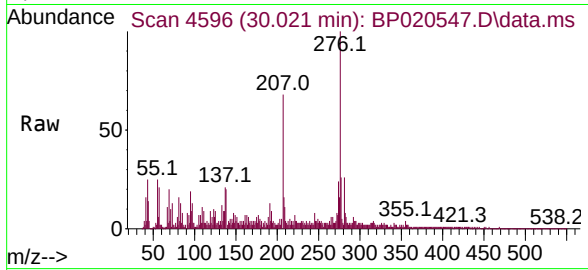
Tgt Ion:252 Resp: 597839
 Ion Ratio Lower Upper
 252 100
 253 24.0 17.4 26.2
 125 12.2 8.9 13.3





#92
 Benzo(g,h,i)perylene
 Concen: 5.315 ng
 RT: 30.021 min Scan# 4596
 Delta R.T. 0.018 min
 Lab File: BP020547.D
 Acq: 06 Jun 2024 19:00

Instrument :
 BNA_P
 ClientSampleId :
 EO-01-060424



Tgt Ion: 276 Resp: 42825
 Ion Ratio Lower Upper
 276 100
 277 25.6 18.7 28.1
 138 20.0 17.7 26.5

Manual Integrations
 APPROVED

Reviewed By : Jagrut Upadhyay 06/07/2024
 Supervised By : mohammad ahmed 06/08/2024

