

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060524\
 Data File : BP020534.D
 Acq On : 06 Jun 2024 03:10
 Operator : MA/JU
 Sample : P2712-01 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EO-01-060424

Manual Integrations
 APPROVED

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

Quant Time: Jun 06 03:46:11 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	7.763	152	279008	20.000	ng	0.00
21) Naphthalene-d8	10.534	136	1091159	20.000	ng	0.00
39) Acenaphthene-d10	14.398	164	713700	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	1496977	20.000	ng	0.00
76) Chrysene-d12	21.662	240	1314333	20.000	ng	0.00
86) Perylene-d12	25.033	264	1549763	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	287065	18.422	ng	0.00
7) Phenol-d6	6.934	99	373032	16.974	ng	0.00
23) Nitrobenzene-d5	8.916	82	227738	11.425	ng	0.00
42) 2,4,6-Tribromophenol	15.916	330	158862	21.448	ng	0.00
45) 2-Fluorobiphenyl	13.004	172	561541	11.729	ng	0.00
79) Terphenyl-d14	19.945	244	854503	10.823	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.251	178	583129	7.924	ng	100
72) Anthracene	17.339	178	175784	2.434	ng	98
75) Fluoranthene	19.333	202	1025447	11.779	ng	99
78) Pyrene	19.716	202	1184353	11.980	ng	100
81) Benzo(a)anthracene	21.645	228	620037	7.165	ng	92
83) Chrysene	21.704	228	597137	7.323	ng	97
87) Indeno(1,2,3-cd)pyrene	28.856	276	406435	4.313	ng	# 94
88) Benzo(b)fluoranthene	23.968	252	727404	7.534	ng	# 91
89) Benzo(k)fluoranthene	24.033	252	253148m	2.688	ng	
90) Benzo(a)pyrene	24.874	252	582800	7.289	ng	95
92) Benzo(g,h,i)perylene	30.050	276	409195	5.208	ng	96

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

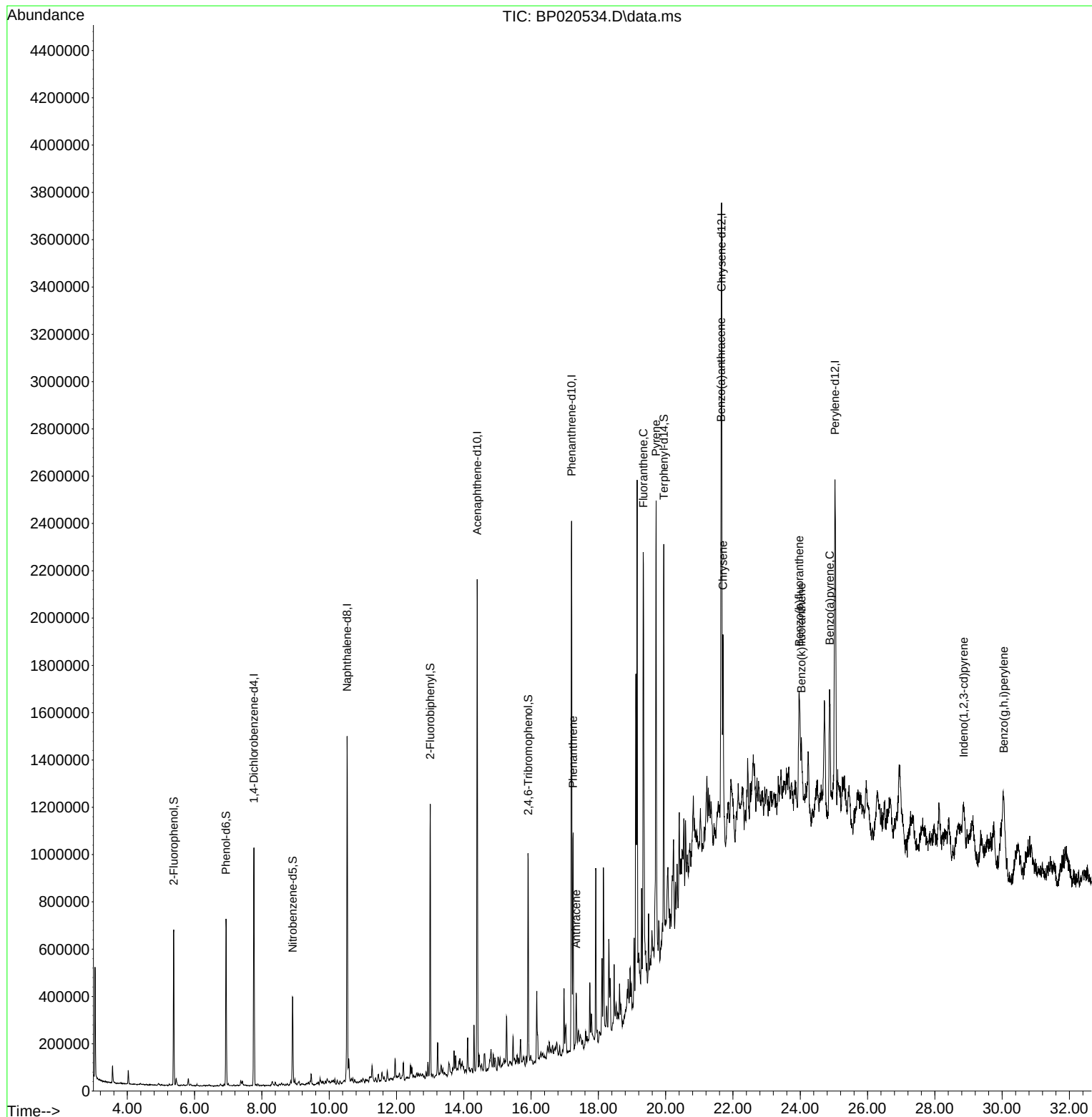
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060524\
Data File : BP020534.D
Acq On : 06 Jun 2024 03:10
Operator : MA/JU
Sample : P2712-01 5X
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ALS Vial : 16 Sample Multiplier: 1

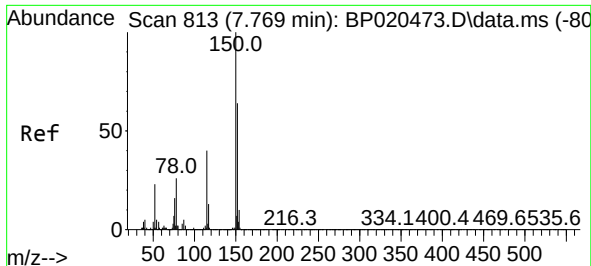
Instrument :
BNA_P
ClientSampleId :
EO-01-060424

Quant Time: Jun 06 03:46:11 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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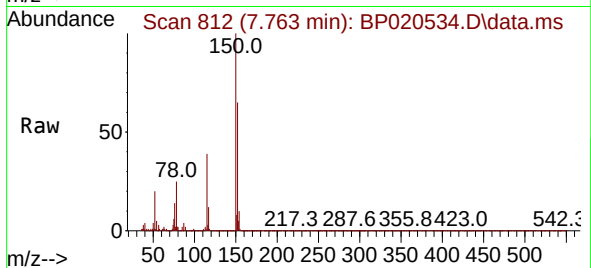
Reviewed By :Jagrut Upadhyay 06/06/2024
Supervised By :mohammad ahmed 06/07/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 813
Delta R.T. -0.006 min
Lab File: BP020534.D
Acq: 06 Jun 2024 03:10

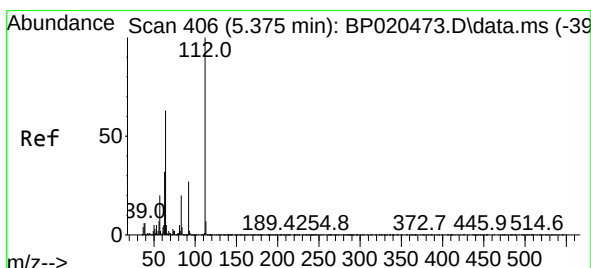
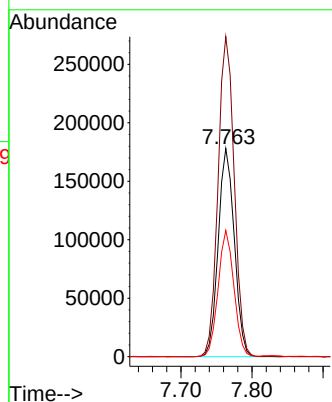
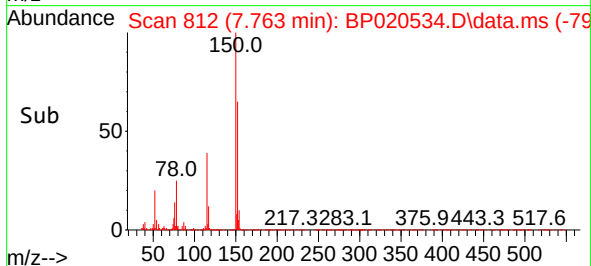
Instrument :
BNA_P
ClientSampleId :
EO-01-060424



Tgt Ion:152 Resp: 279008
Ion Ratio Lower Upper
152 100
150 153.8 124.2 186.2
115 60.7 49.5 74.3

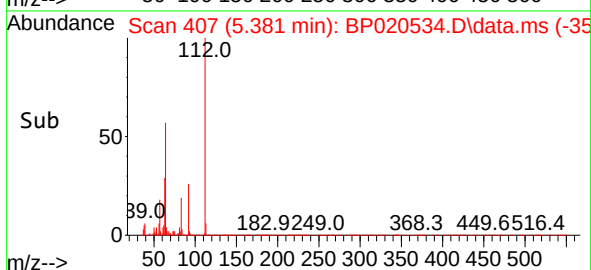
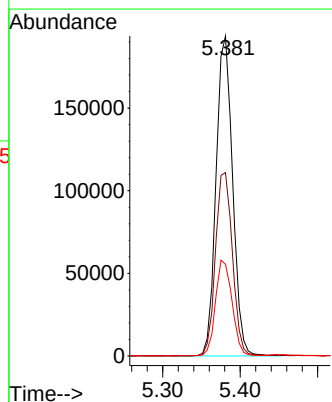
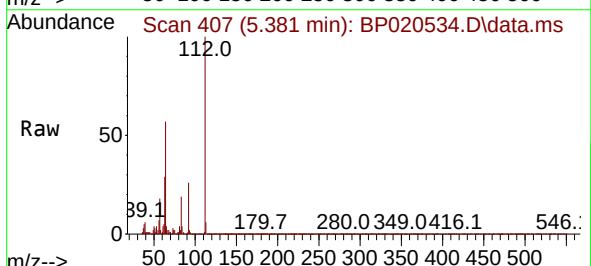
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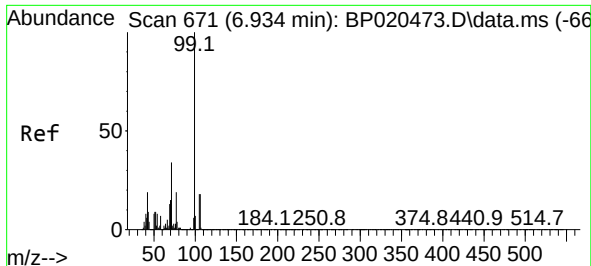
Reviewed By :Jagrut Upadhyay 06/06/2024
Supervised By :mohammad ahmed 06/07/2024



#5
2-Fluorophenol
Concen: 18.422 ng
RT: 5.381 min Scan# 407
Delta R.T. 0.006 min
Lab File: BP020534.D
Acq: 06 Jun 2024 03:10

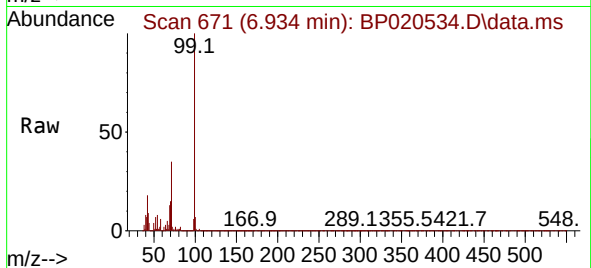
Tgt Ion:112 Resp: 287065
Ion Ratio Lower Upper
112 100
64 57.3 50.1 75.1
63 28.6 25.7 38.5





#7
Phenol-d6
Concen: 16.974 ng
RT: 6.934 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP020534.D
Acq: 06 Jun 2024 03:10

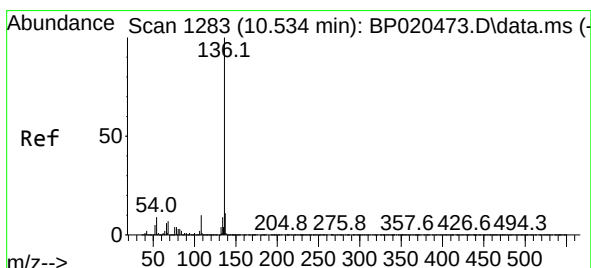
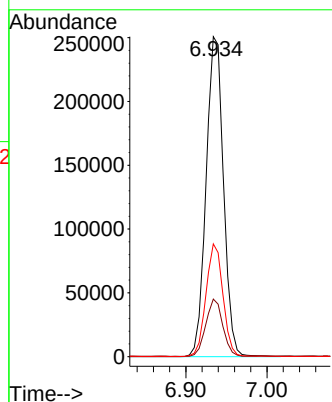
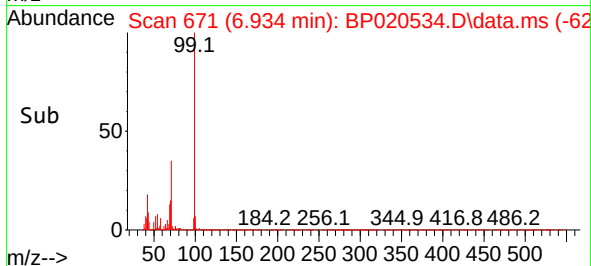
Instrument :
BNA_P
ClientSampleId :
EO-01-060424



Tgt Ion: 99 Resp: 37303
Ion Ratio Lower Upper
99 100
42 18.0 15.0 22.4
71 35.2 27.3 40.9

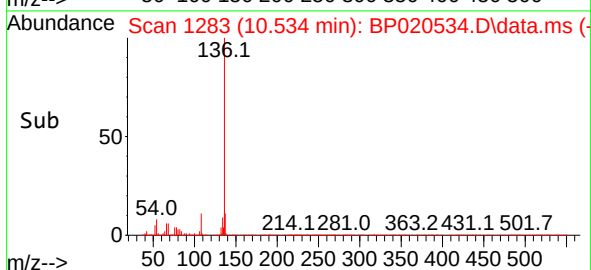
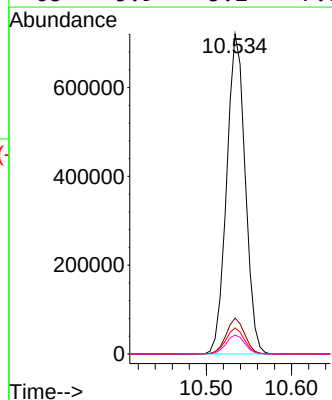
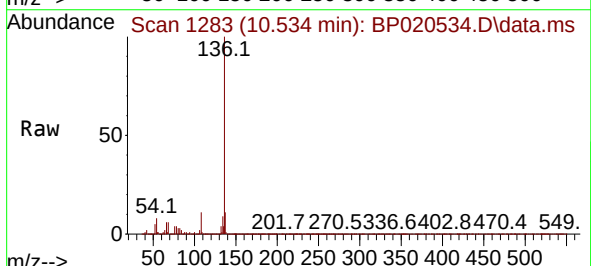
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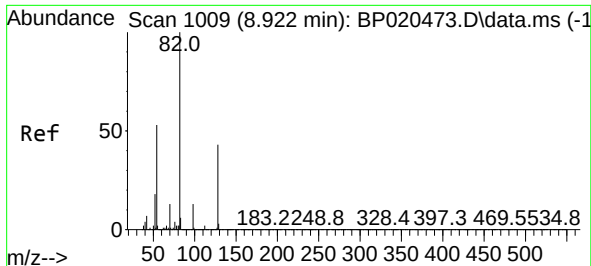
Reviewed By :Jagrut Upadhyay 06/06/2024
Supervised By :mohammad ahmed 06/07/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.534 min Scan# 1283
Delta R.T. -0.000 min
Lab File: BP020534.D
Acq: 06 Jun 2024 03:10

Tgt Ion:136 Resp: 1091159
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 8.1 7.4 11.0
68 5.9 5.2 7.8





#23
Nitrobenzene-d5
Concen: 11.425 ng
RT: 8.916 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BP020534.D
Acq: 06 Jun 2024 03:10

Instrument :

BNA_P

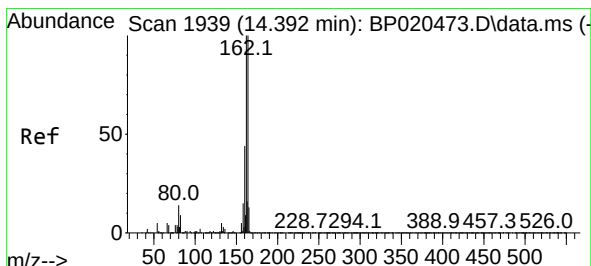
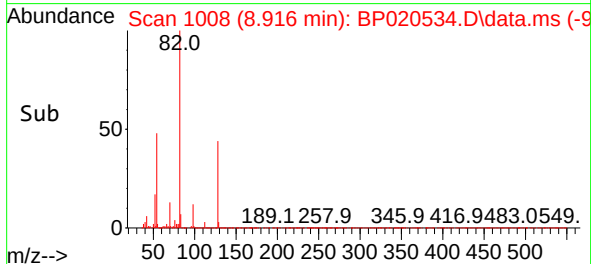
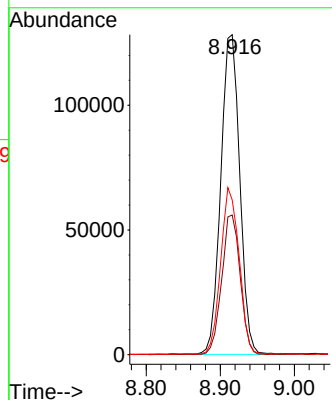
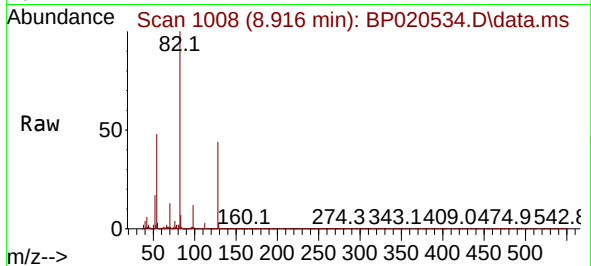
ClientSampleId :

EO-01-060424

Tgt Ion: 82 Resp: 227738
Ion Ratio Lower Upper
82 100
128 43.7 34.2 51.4
54 48.4 42.7 64.1

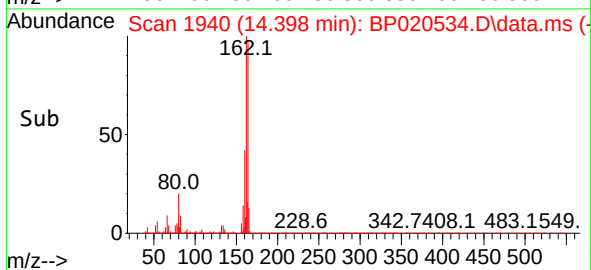
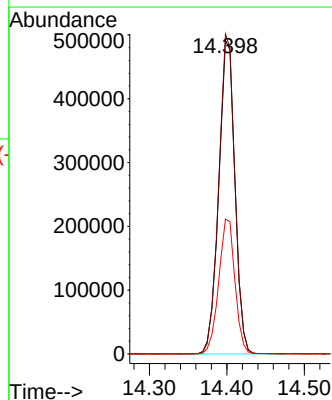
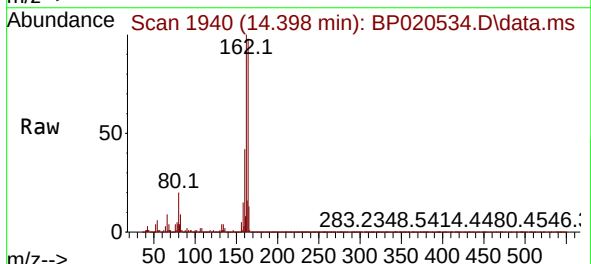
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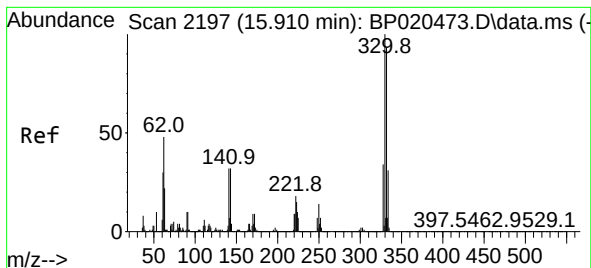
Reviewed By :Jagrut Upadhyay 06/06/2024
Supervised By :mohammad ahmed 06/07/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.398 min Scan# 1940
Delta R.T. 0.006 min
Lab File: BP020534.D
Acq: 06 Jun 2024 03:10

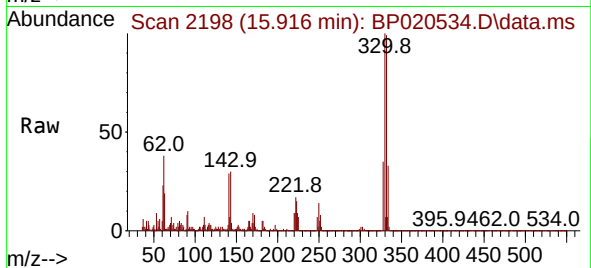
Tgt Ion:164 Resp: 713700
Ion Ratio Lower Upper
164 100
162 102.0 80.3 120.5
160 43.0 35.4 53.2





#42
2,4,6-Tribromophenol
Concen: 21.448 ng
RT: 15.916 min Scan# 2197
Delta R.T. 0.006 min
Lab File: BP020534.D
Acq: 06 Jun 2024 03:10

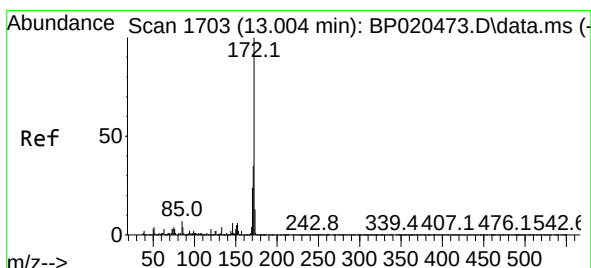
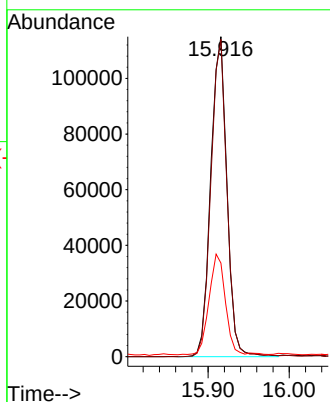
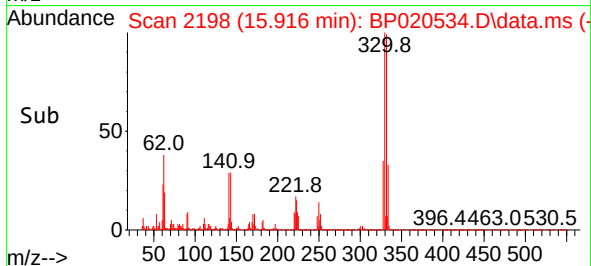
Instrument :
BNA_P
ClientSampleId :
EO-01-060424



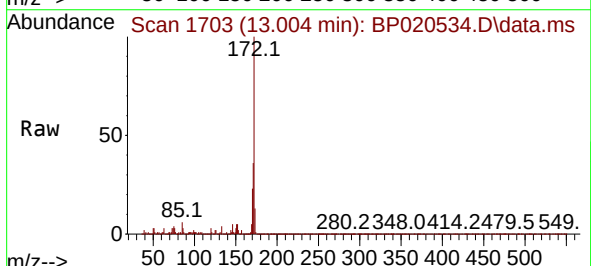
Tgt Ion:330 Resp: 158862
Ion Ratio Lower Upper
330 100
332 97.9 76.6 114.8
141 31.5 27.1 40.7

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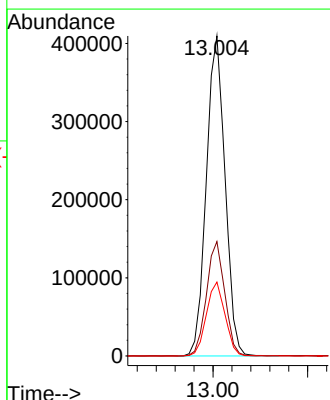
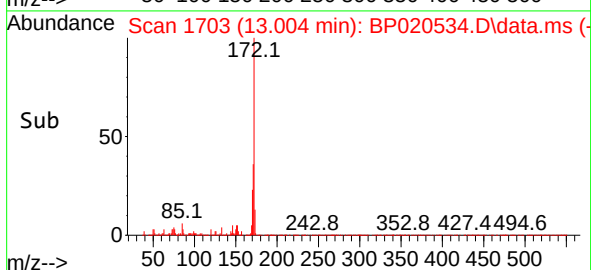
Reviewed By :Jagrut Upadhyay 06/06/2024
Supervised By :mohammad ahmed 06/07/2024

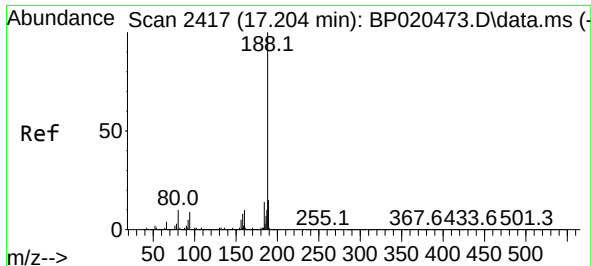


#45
2-Fluorobiphenyl
Concen: 11.729 ng
RT: 13.004 min Scan# 1703
Delta R.T. -0.000 min
Lab File: BP020534.D
Acq: 06 Jun 2024 03:10



Tgt Ion:172 Resp: 561541
Ion Ratio Lower Upper
172 100
171 35.8 28.4 42.6
170 23.1 18.9 28.3





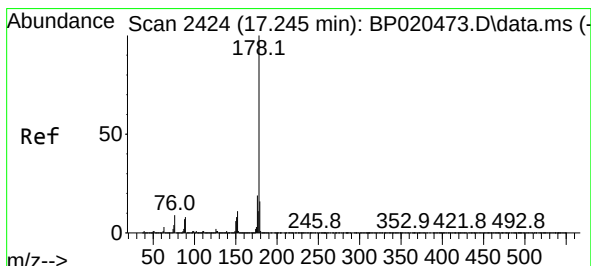
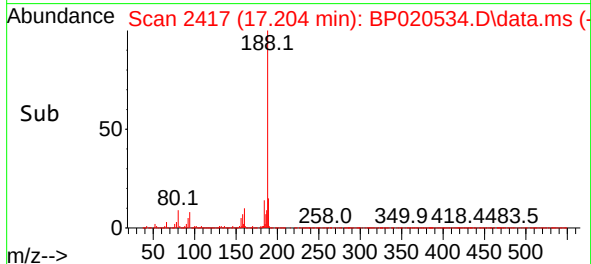
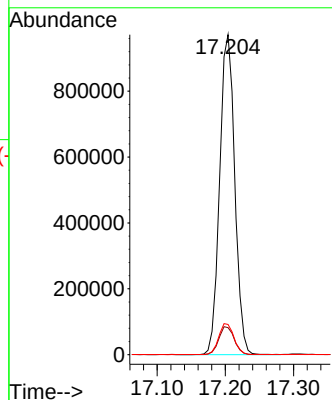
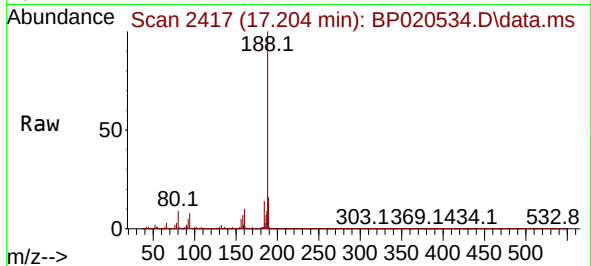
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 2417
Delta R.T. -0.000 min
Lab File: BP020534.D
Acq: 06 Jun 2024 03:10

Instrument :
BNA_P
ClientSampleId :
EO-01-060424

Tgt Ion:188 Resp: 149697
Ion Ratio Lower Upper
188 100
94 8.4 7.2 10.8
80 9.5 8.1 12.1

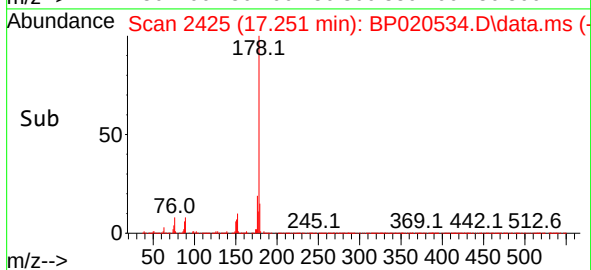
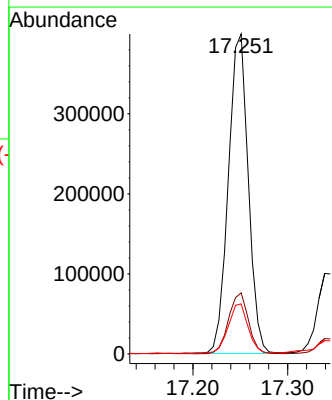
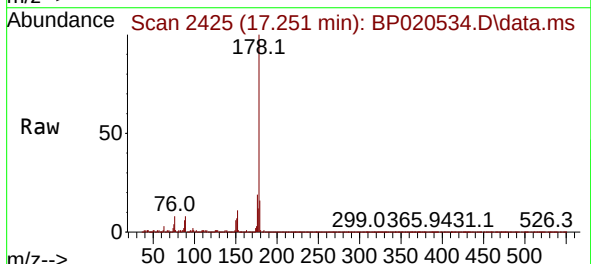
Manual Integrations
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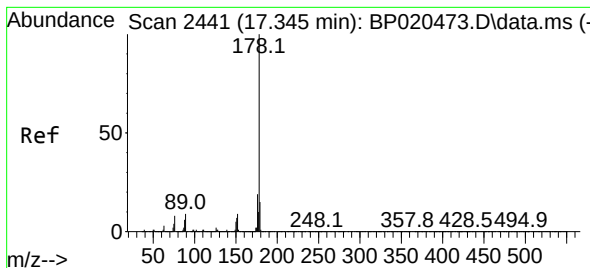
Reviewed By :Jagrut Upadhyay 06/06/2024
Supervised By :mohammad ahmed 06/07/2024



#71
Phenanthrene
Concen: 7.924 ng
RT: 17.251 min Scan# 2425
Delta R.T. 0.006 min
Lab File: BP020534.D
Acq: 06 Jun 2024 03:10

Tgt Ion:178 Resp: 583129
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.2
179 15.7 12.5 18.7





#72

Anthracene

Concen: 2.434 ng

RT: 17.339 min Scan# 2441

Delta R.T. -0.006 min

Lab File: BP020534.D

Acq: 06 Jun 2024 03:10

Instrument :

BNA_P

ClientSampleId :

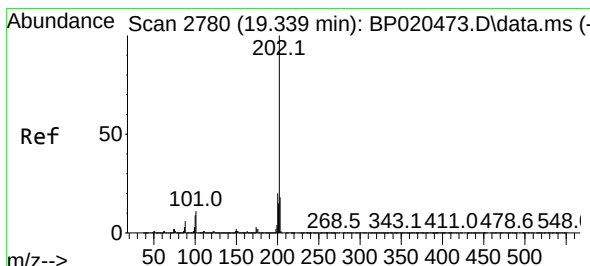
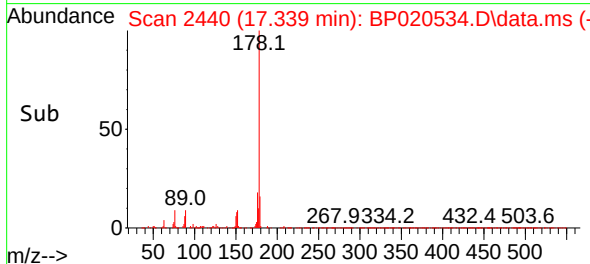
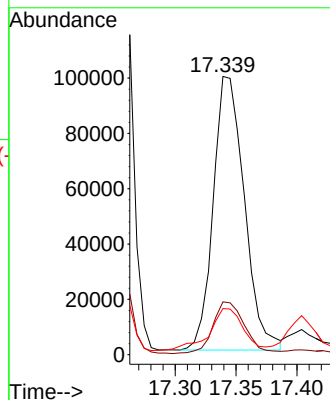
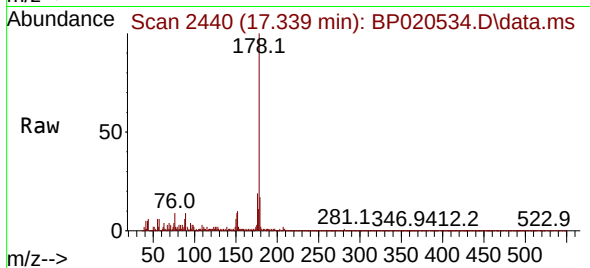
EO-01-060424

Tgt Ion:178 Resp: 175784
 Ion Ratio Lower Upper
 178 100
 176 19.0 14.8 22.2
 179 16.6 12.2 18.4

Manual Integrations

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



#75

Fluoranthene

Concen: 11.779 ng

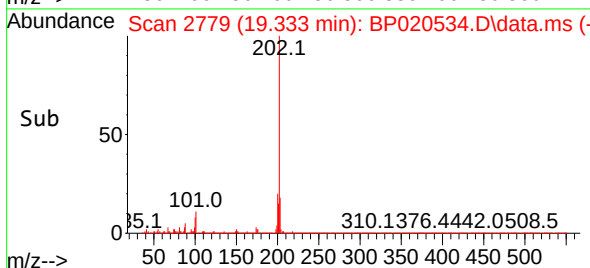
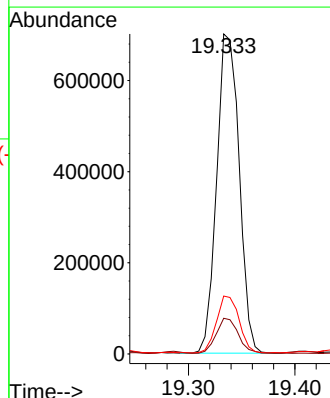
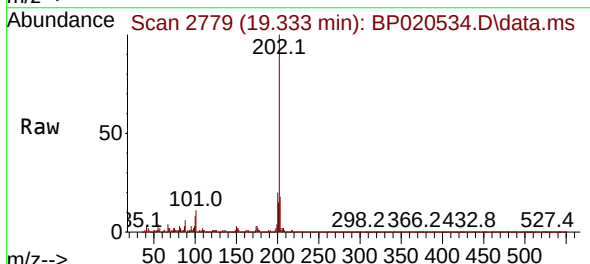
RT: 19.333 min Scan# 2779

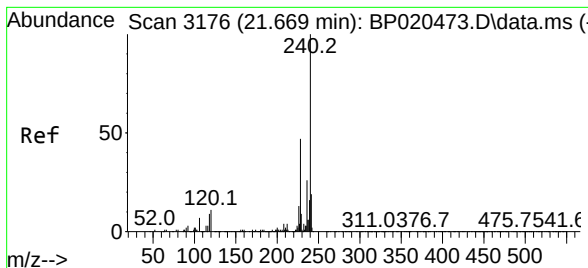
Delta R.T. -0.006 min

Lab File: BP020534.D

Acq: 06 Jun 2024 03:10

Tgt Ion:202 Resp: 1025447
 Ion Ratio Lower Upper
 202 100
 101 11.2 0.0 31.4
 203 18.1 0.0 37.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.662 min Scan# 3175

Delta R.T. -0.006 min

Lab File: BP020534.D

Acq: 06 Jun 2024 03:10

Instrument :

BNA_P

ClientSampleId :

EO-01-060424

Tgt Ion:240 Resp: 131433

Ion Ratio Lower Upper

240 100

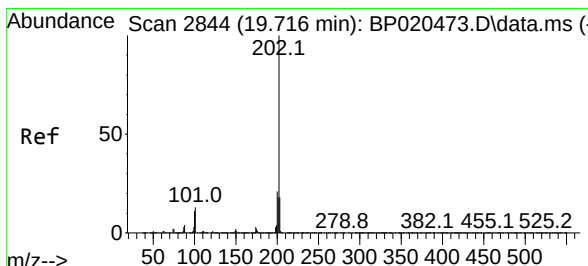
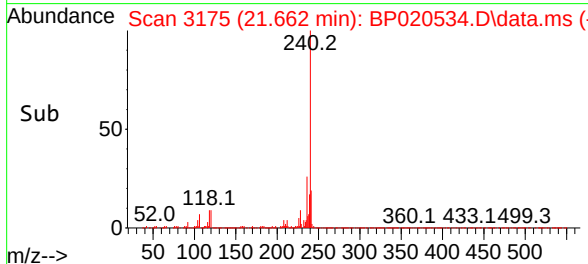
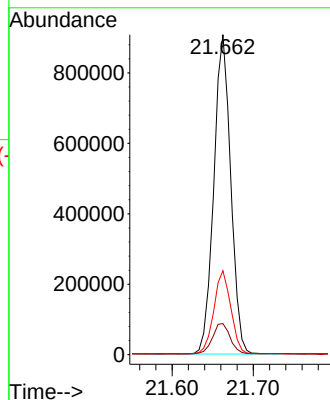
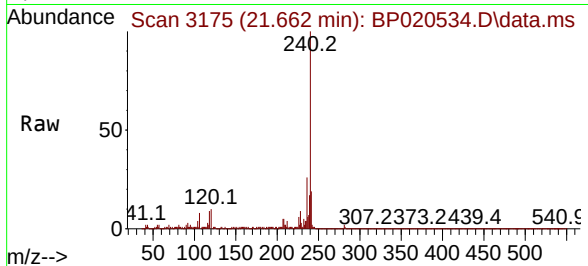
120 9.7 8.5 12.7

236 26.3 20.5 30.7

Manual Integrations

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



#78

Pyrene

Concen: 11.980 ng

RT: 19.716 min Scan# 2844

Delta R.T. -0.000 min

Lab File: BP020534.D

Acq: 06 Jun 2024 03:10

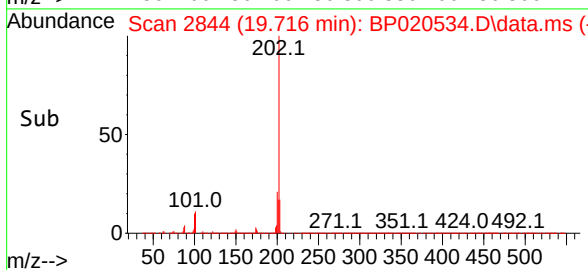
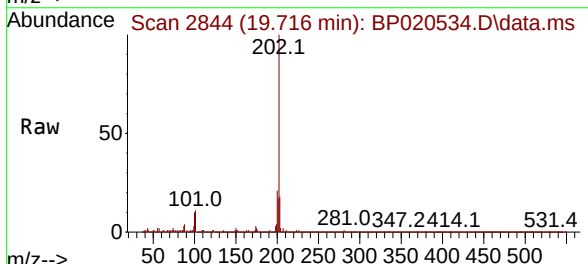
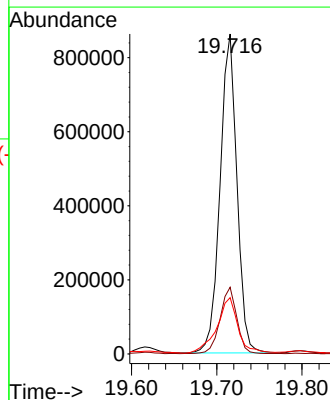
Tgt Ion:202 Resp: 1184353

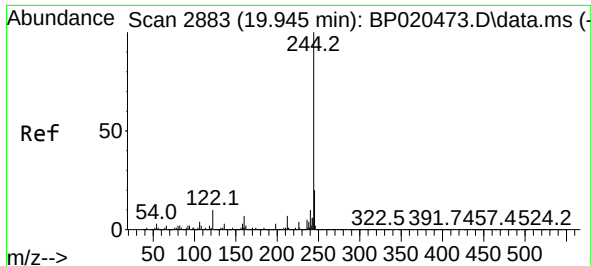
Ion Ratio Lower Upper

202 100

200 20.8 16.9 25.3

203 17.6 14.1 21.1





#79
 Terphenyl-d14
 Concen: 10.823 ng
 RT: 19.945 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BP020534.D
 Acq: 06 Jun 2024 03:10

Instrument :

BNA_P

ClientSampleId :

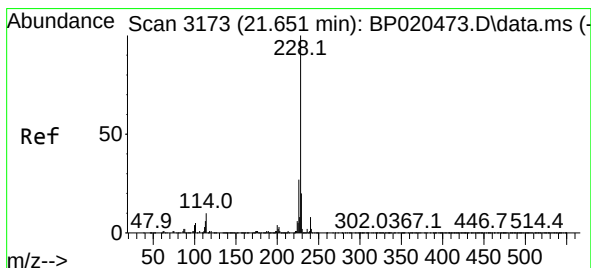
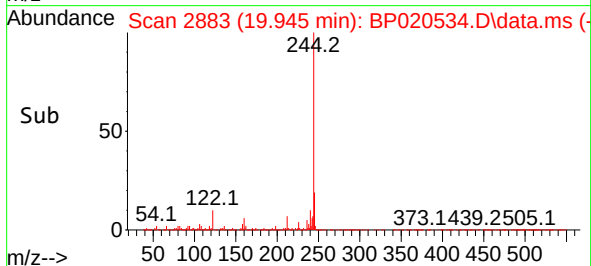
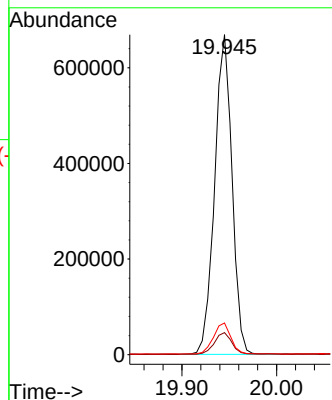
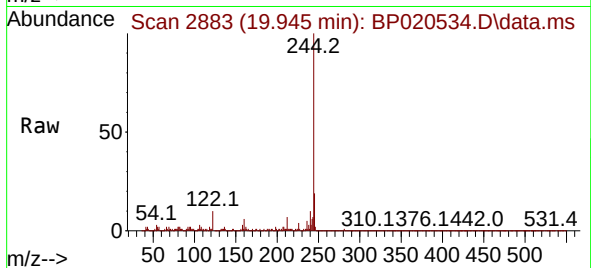
EO-01-060424

Tgt Ion:244 Resp: 85450
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.8
 122 9.9 8.2 12.2

Manual Integrations

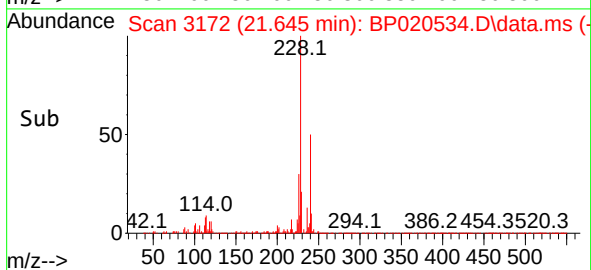
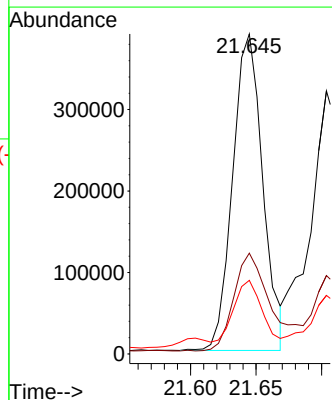
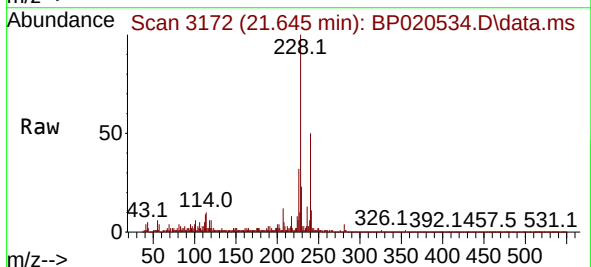
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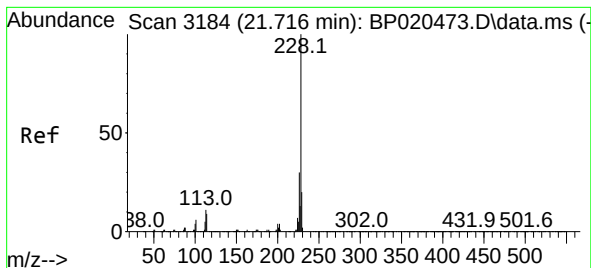
Reviewed By :Jagrut Upadhyay 06/06/2024
 Supervised By :mohammad ahmed 06/07/2024



#81
 Benzo(a)anthracene
 Concen: 7.165 ng
 RT: 21.645 min Scan# 3172
 Delta R.T. -0.006 min
 Lab File: BP020534.D
 Acq: 06 Jun 2024 03:10

Tgt Ion:228 Resp: 620037
 Ion Ratio Lower Upper
 228 100
 226 31.5 21.7 32.5
 229 23.0 15.8 23.6





#83

Chrysene

Concen: 7.323 ng

RT: 21.704 min Scan# 3184

Delta R.T. -0.012 min

Lab File: BP020534.D

Acq: 06 Jun 2024 03:10

Instrument :

BNA_P

ClientSampleId :

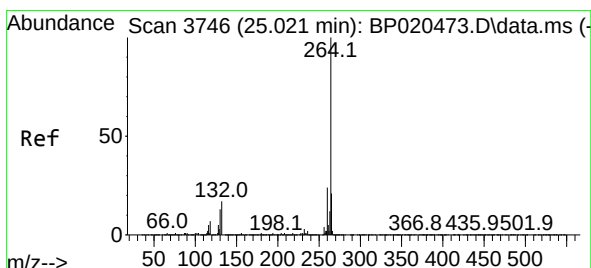
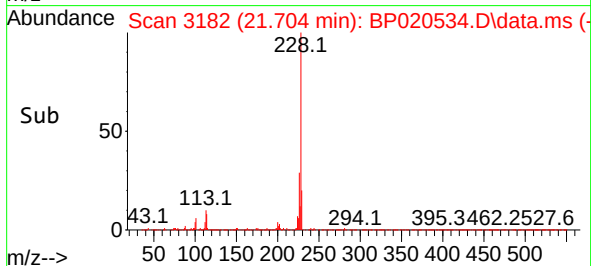
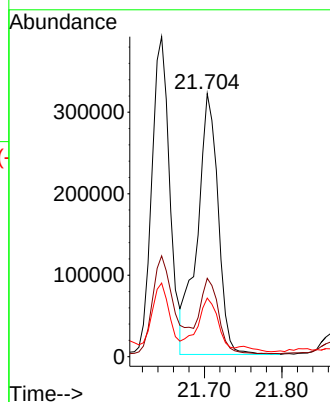
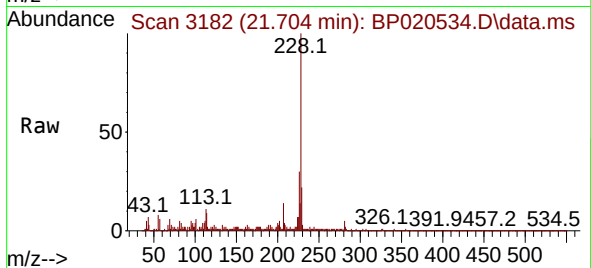
EO-01-060424

Tgt Ion:	228	Resp:	59713
Ion Ratio	Lower	Upper	
228	100		
226	29.8	24.0	36.0
229	22.3	15.7	23.5

Manual Integrations

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



#86

Perylene-d12

Concen: 20.000 ng

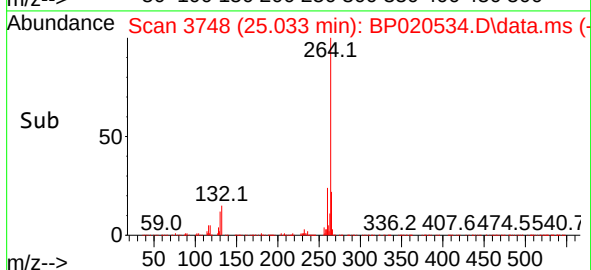
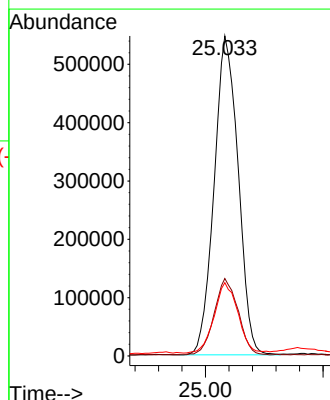
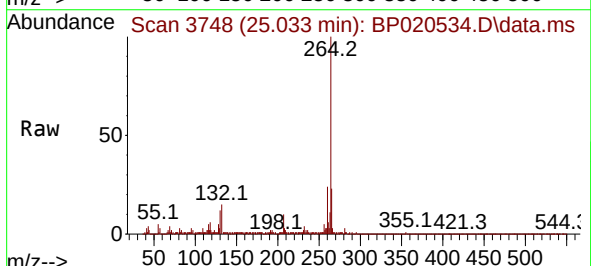
RT: 25.033 min Scan# 3748

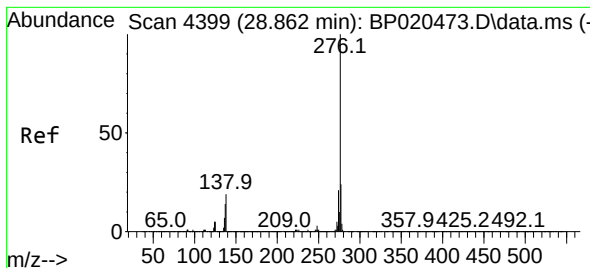
Delta R.T. 0.012 min

Lab File: BP020534.D

Acq: 06 Jun 2024 03:10

Tgt Ion:	264	Resp:	1549763
Ion Ratio	Lower	Upper	
264	100		
260	24.2	18.9	28.3
265	22.9	17.4	26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.313 ng

RT: 28.856 min Scan# 4399

Delta R.T. -0.006 min

Lab File: BP020534.D

Acq: 06 Jun 2024 03:10

Instrument :

BNA_P

ClientSampleId :

EO-01-060424

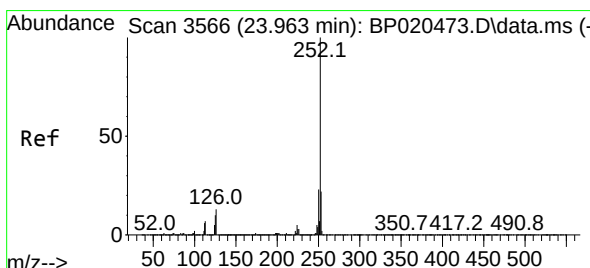
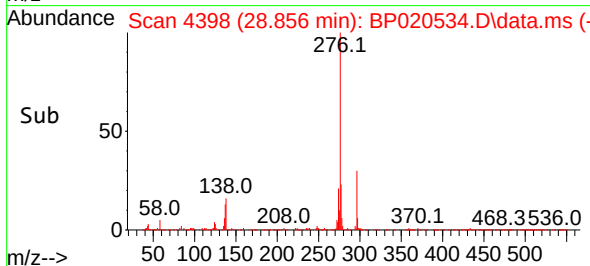
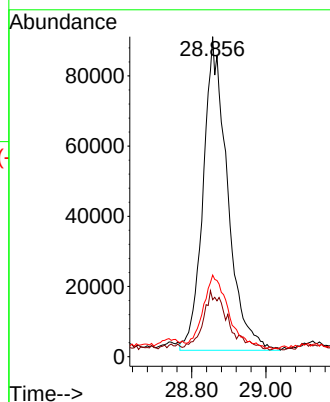
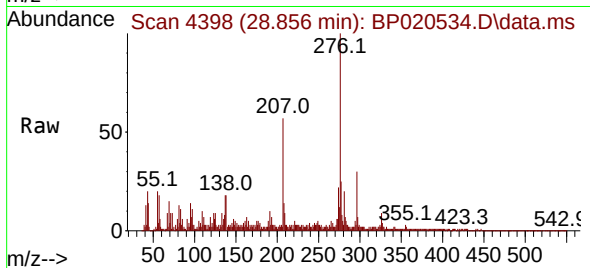
Tgt Ion: 276 Resp: 406435

Ion	Ratio	Lower	Upper
276	100		
138	15.8	12.8	19.2
277	24.4	15.6	23.4

Manual Integrations

APPROVED

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



#88

Benzo(b)fluoranthene

Concen: 7.534 ng

RT: 23.968 min Scan# 3567

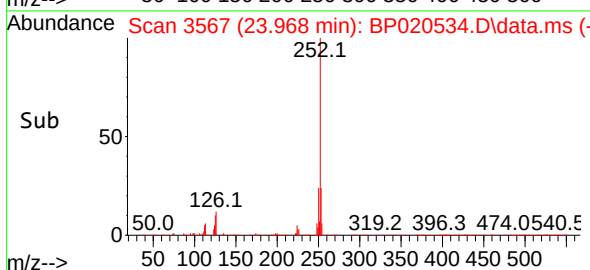
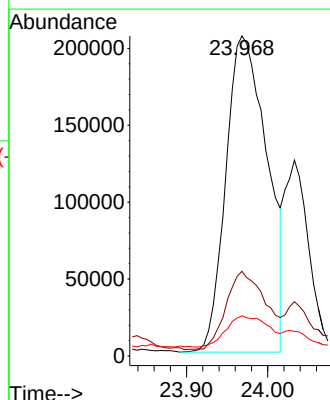
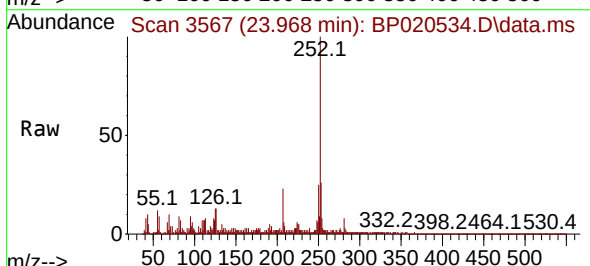
Delta R.T. 0.006 min

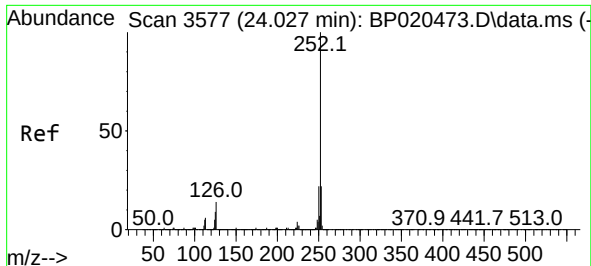
Lab File: BP020534.D

Acq: 06 Jun 2024 03:10

Tgt Ion: 252 Resp: 727404

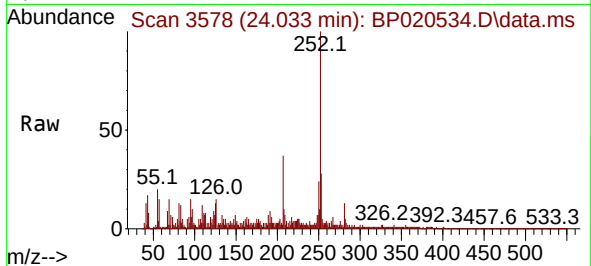
Ion	Ratio	Lower	Upper
252	100		
253	26.5	17.6	26.4
125	12.6	8.0	12.0





#89
Benzo(k)fluoranthene
Concen: 2.688 ng m
RT: 24.033 min Scan# 3577
Delta R.T. 0.006 min
Lab File: BP020534.D
Acq: 06 Jun 2024 03:10

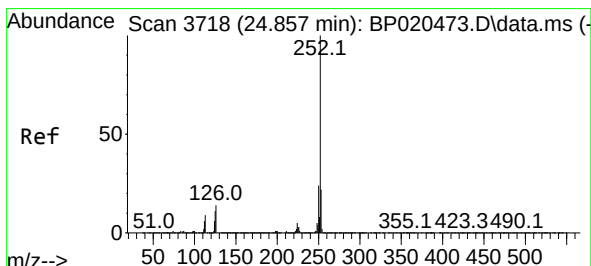
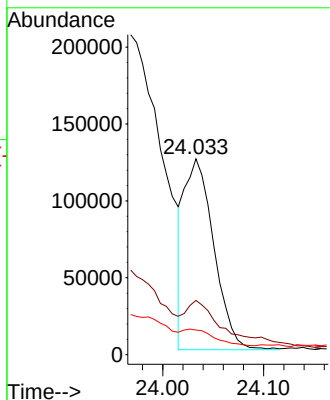
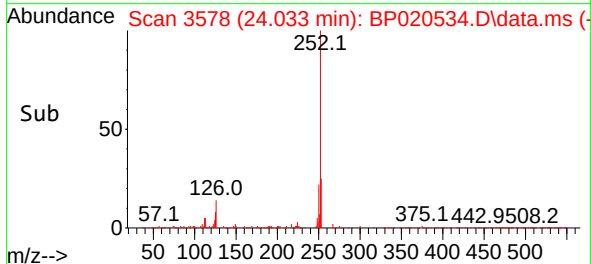
Instrument :
BNA_P
ClientSampleId :
EO-01-060424



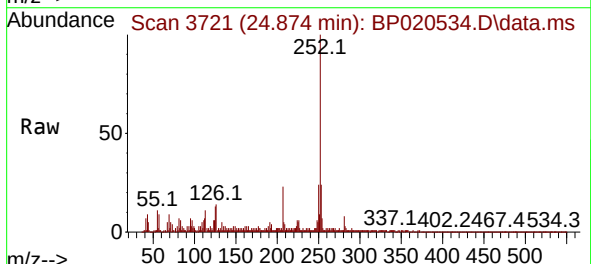
Tgt Ion:252 Resp: 253148
Ion Ratio Lower Upper
252 100
253 27.7 17.7 26.5
125 12.6 7.8 11.6

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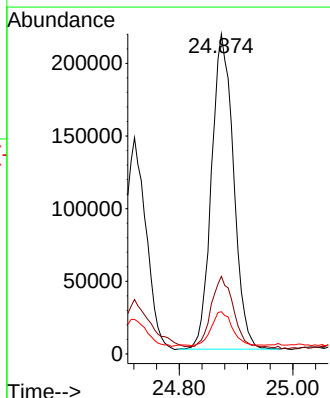
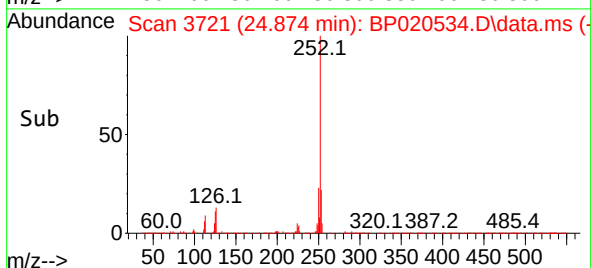
Reviewed By :Jagrut Upadhyay 06/06/2024
Supervised By :mohammad ahmed 06/07/2024

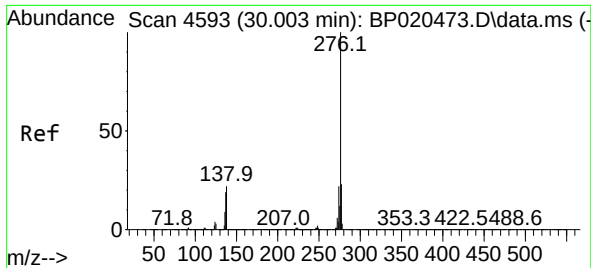


#90
Benzo(a)pyrene
Concen: 7.289 ng
RT: 24.874 min Scan# 3721
Delta R.T. 0.017 min
Lab File: BP020534.D
Acq: 06 Jun 2024 03:10



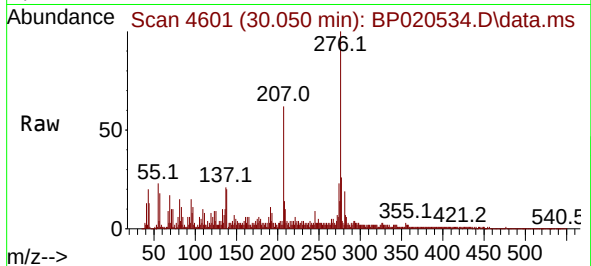
Tgt Ion:252 Resp: 582800
Ion Ratio Lower Upper
252 100
253 24.2 17.4 26.2
125 13.2 8.9 13.3





#92
Benzo(g,h,i)perylene
Concen: 5.208 ng
RT: 30.050 min Scan# 40919
Delta R.T. 0.047 min
Lab File: BP020534.D
Acq: 06 Jun 2024 03:10

Instrument :
BNA_P
ClientSampleId :
EO-01-060424



Tgt Ion: 276 Resp: 40919
Ion Ratio Lower Upper
276 100
277 25.6 18.7 28.1
138 20.3 17.7 26.5

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

