

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031622\
 Data File : BP009436.D
 Acq On : 16 Mar 2022 22:50
 Operator : CG/JU
 Sample : N1954-01 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CL-02-031522

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/17/2022
 Supervised By : Jagrut Upadhyay 03/17/2022

Quant Time: Mar 17 01:10:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 05 01:55:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	504005	20.000	ng	-0.01
21) Naphthalene-d8	10.604	136	2167596	20.000	ng	-0.01
39) Acenaphthene-d10	14.451	164	1459313	20.000	ng	-0.01
64) Phenanthrene-d10	17.216	188	2991821	20.000	ng	0.00
76) Chrysene-d12	21.327	240	2204249	20.000	ng	# 0.00
86) Perylene-d12	23.745	264	2275920	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1154004	33.422	ng	0.00
7) Phenol-d6	7.005	99	1425878	32.496	ng	0.02
23) Nitrobenzene-d5	8.963	82	789466	20.060	ng	-0.01
42) 2,4,6-Tribromophenol	15.951	330	713687	40.501	ng	0.00
45) 2-Fluorobiphenyl	13.075	172	2308925	21.759	ng	-0.01
79) Terphenyl-d14	19.792	244	3257321	27.887	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.257	178	1716371	9.982	ng	99
72) Anthracene	17.351	178	587275	3.431	ng	99
75) Fluoranthene	19.239	202	2560660	12.903	ng	97
78) Pyrene	19.592	202	2223178	14.938	ng	99
81) Benzo(a)anthracene	21.310	228	1087283	7.278	ng	97
83) Chrysene	21.363	228	889686	6.133	ng	96
87) Indeno(1,2,3-cd)pyrene	26.256	276	632290	3.576	ng	# 92
88) Benzo(b)fluoranthene	23.010	252	1216132m	7.914	ng	
89) Benzo(k)fluoranthene	23.045	252	422742m	2.880	ng	
90) Benzo(a)pyrene	23.633	252	945302	6.486	ng	96
92) Benzo(g,h,i)perylene	27.033	276	632480	4.270	ng	94

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

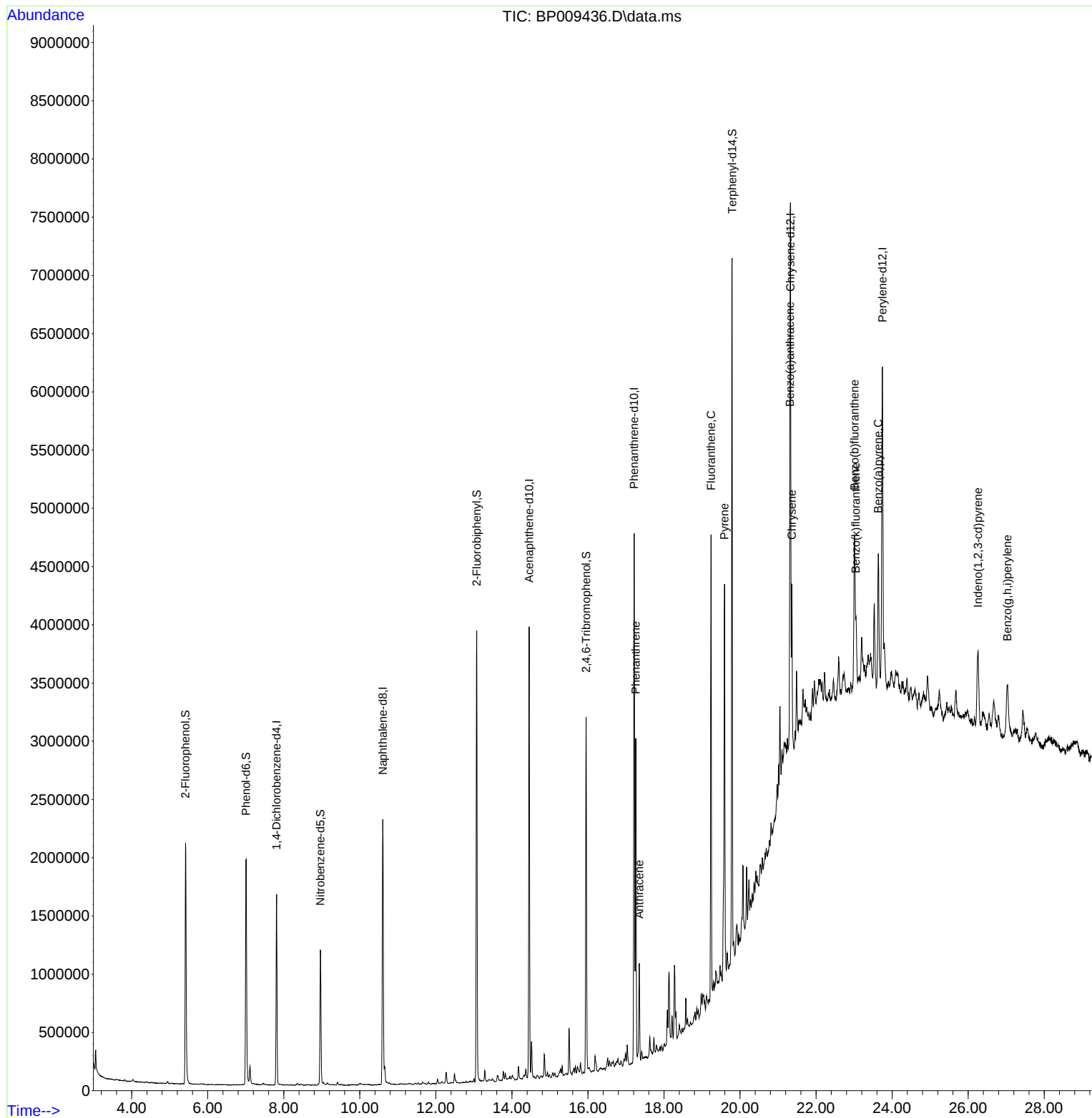
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031622\
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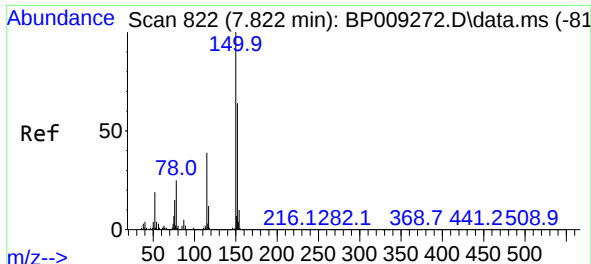
Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 05 01:55:59 2022
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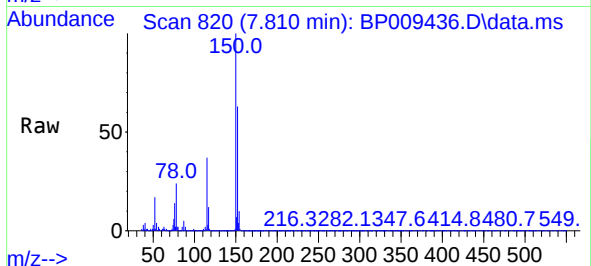
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.810 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP009436.D
Acq: 16 Mar 2022 22:50

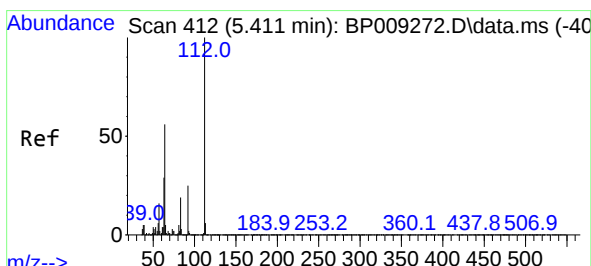
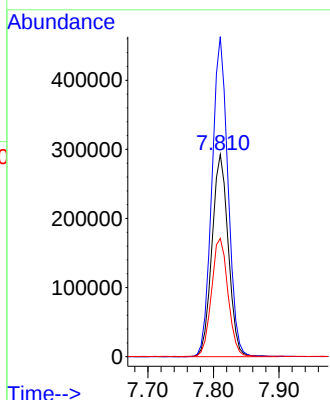
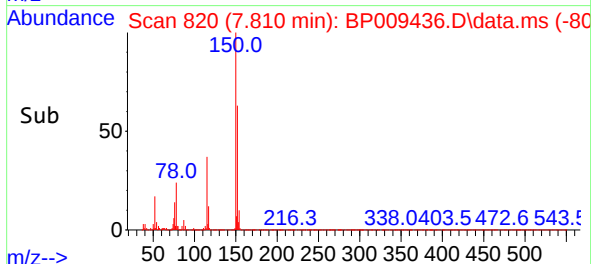
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BNA_P
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CL-02-031522



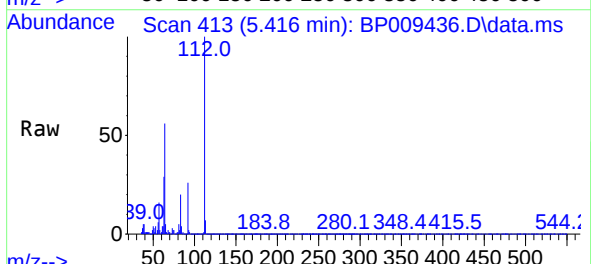
Tgt Ion:152 Resp: 50400
Ion Ratio Lower Upper
152 100
150 158.3 124.5 186.7
115 58.5 48.2 72.4

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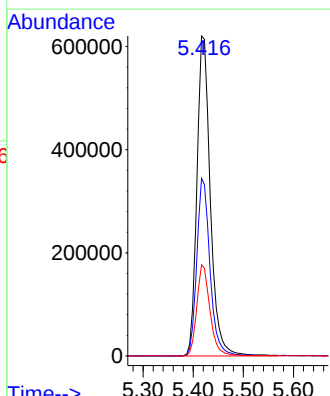
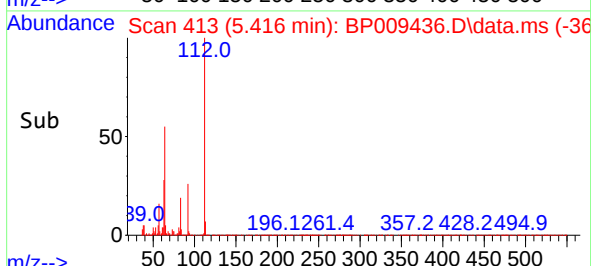
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Supervised By :Jagrut Upadhyay 03/17/2022

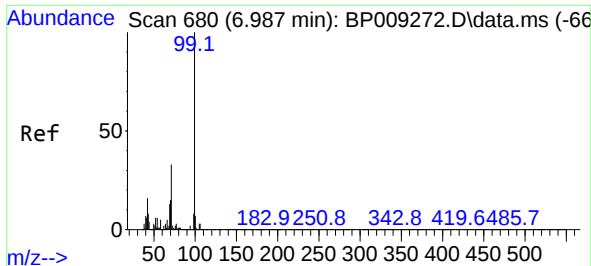


#5
2-Fluorophenol
Concen: 33.422 ng
RT: 5.416 min Scan# 413
Delta R.T. 0.005 min
Lab File: BP009436.D
Acq: 16 Mar 2022 22:50



Tgt Ion:112 Resp: 1154004
Ion Ratio Lower Upper
112 100
64 55.5 45.0 67.4
63 28.5 23.0 34.6





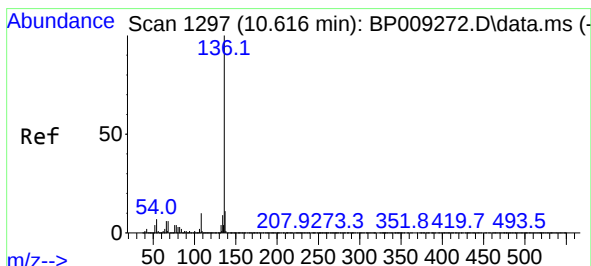
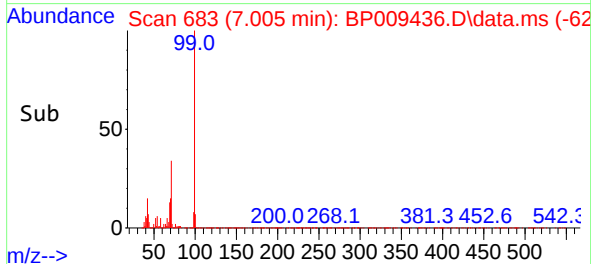
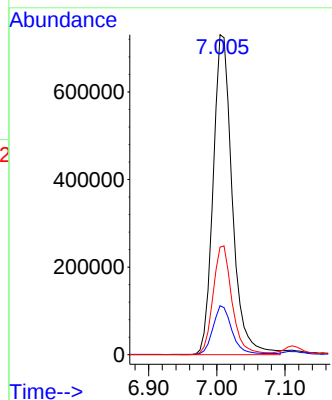
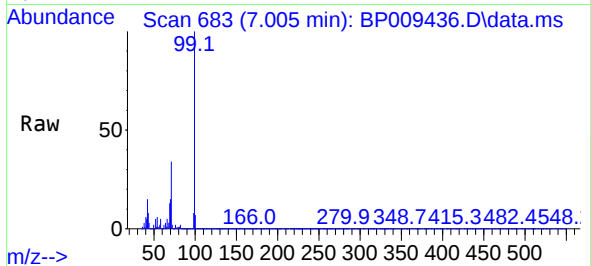
#7
Phenol-d6
Concen: 32.496 ng
RT: 7.005 min Scan# 61
Delta R.T. 0.018 min
Lab File: BP009436.D
Acq: 16 Mar 2022 22:50

Instrument :
BNA_P
ClientSampleId :
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Tgt Ion: 99 Resp: 1425878
Ion Ratio Lower Upper
99 100
42 15.3 12.8 19.2
71 33.6 26.3 39.5

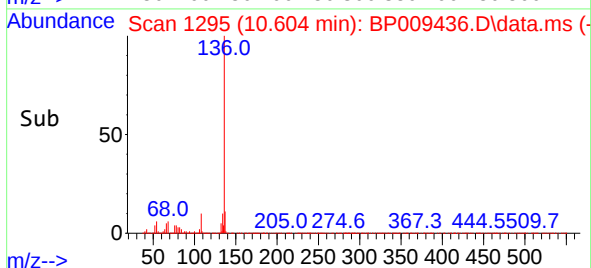
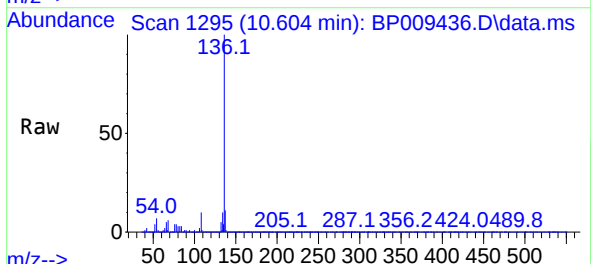
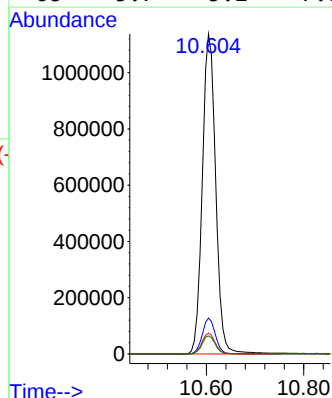
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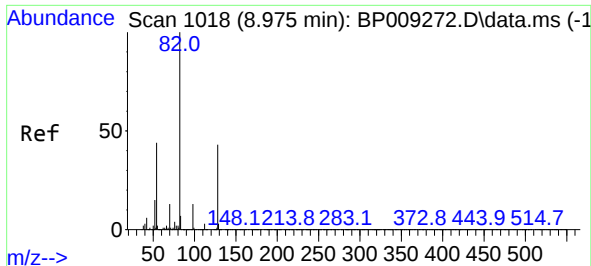
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BP009436.D
Acq: 16 Mar 2022 22:50

Tgt Ion:136 Resp: 2167596
Ion Ratio Lower Upper
136 100
137 11.2 8.6 12.8
54 6.5 5.8 8.8
68 5.7 5.2 7.8





#23
Nitrobenzene-d5
Concen: 20.060 ng
RT: 8.963 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BP009436.D
Acq: 16 Mar 2022 22:50

Instrument :

BNA_P

ClientSampleId :

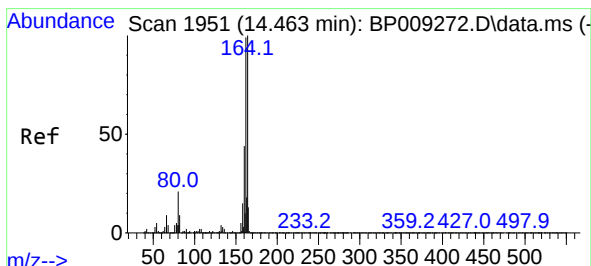
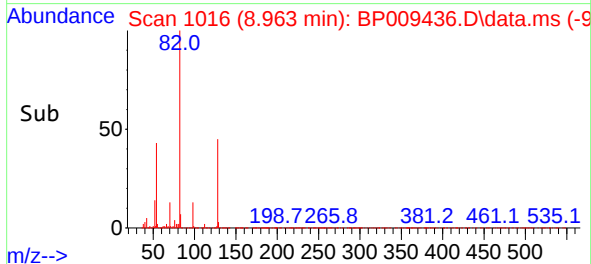
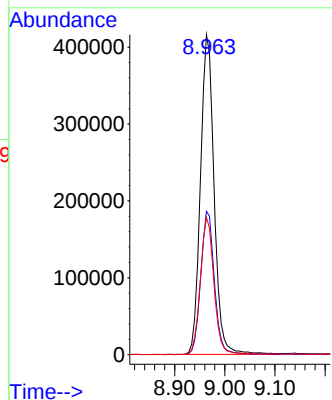
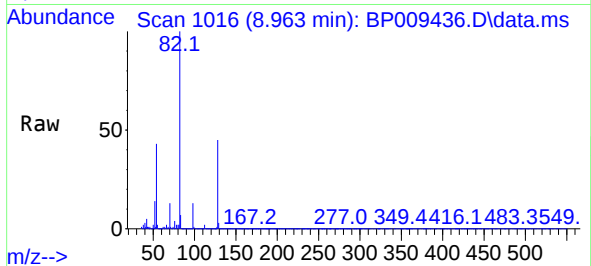
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Tgt Ion: 82 Resp: 789460
Ion Ratio Lower Upper
82 100
128 44.8 34.2 51.4
54 42.9 34.7 52.1

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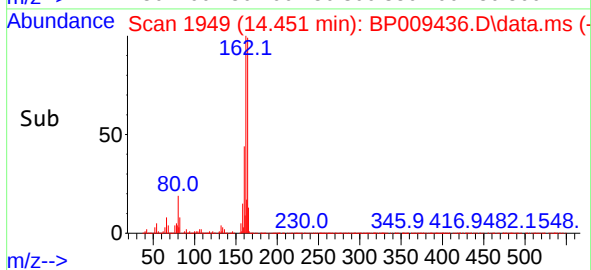
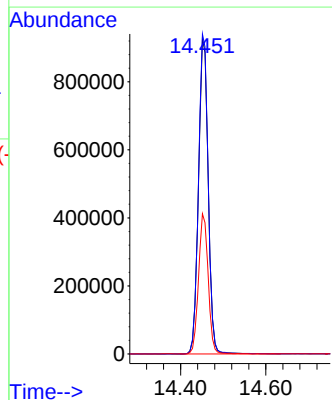
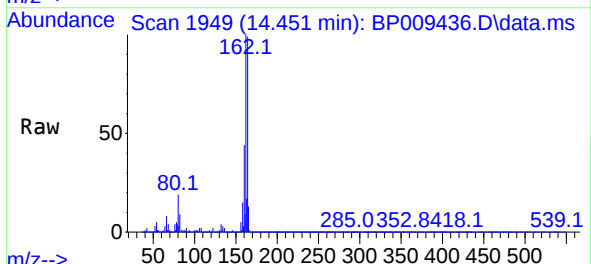
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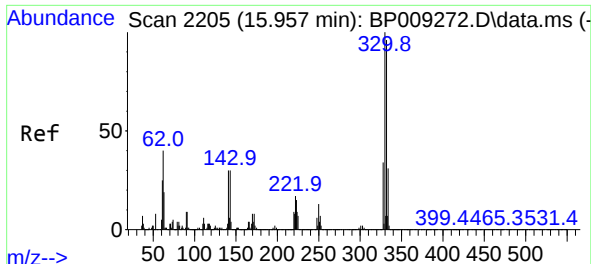
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.451 min Scan# 1949
Delta R.T. -0.012 min
Lab File: BP009436.D
Acq: 16 Mar 2022 22:50

Tgt Ion:164 Resp: 1459313
Ion Ratio Lower Upper
164 100
162 101.4 79.1 118.7
160 44.4 34.9 52.3





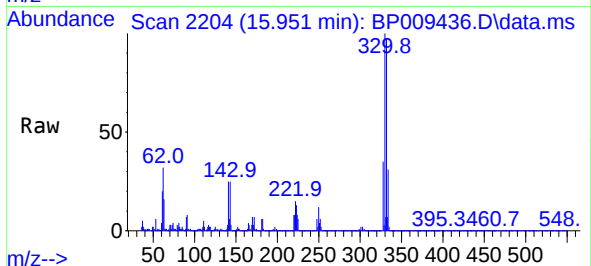
#42
2,4,6-Tribromophenol
Concen: 40.501 ng
RT: 15.951 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009436.D
Acq: 16 Mar 2022 22:50

Instrument :

BNA_P

ClientSampleId :

CL-02-031522

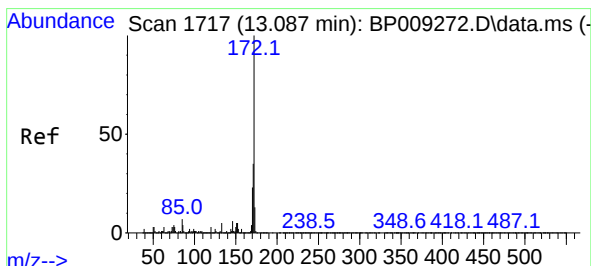
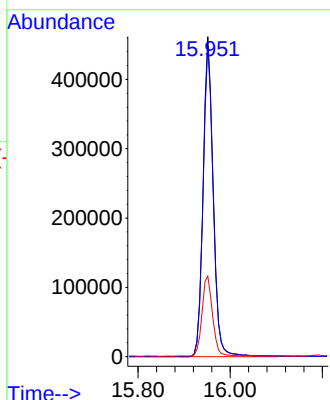
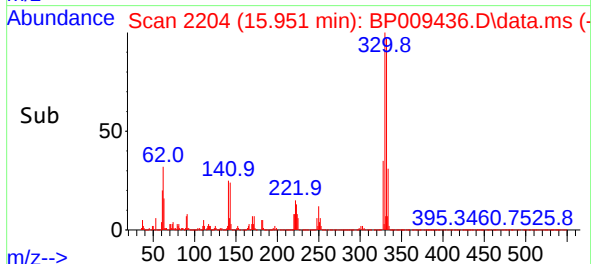


Tgt Ion:330 Resp: 71368
Ion Ratio Lower Upper
330 100
332 97.2 77.0 115.6
141 25.5 27.6 41.4

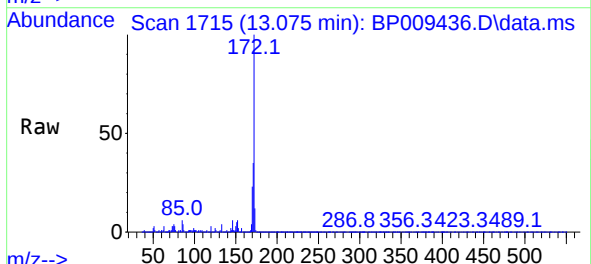
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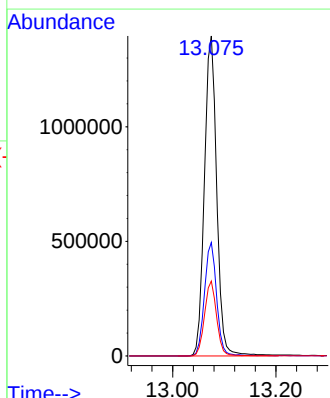
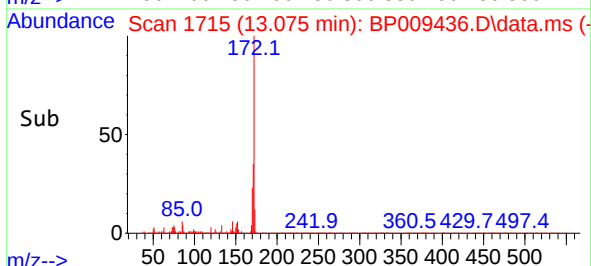
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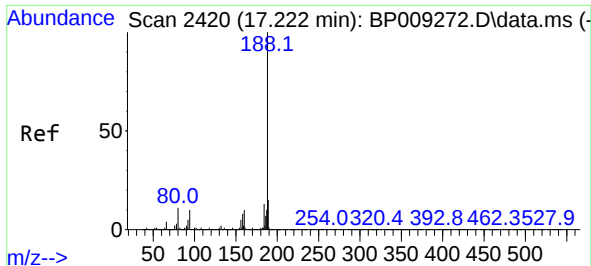


#45
2-Fluorobiphenyl
Concen: 21.759 ng
RT: 13.075 min Scan# 1715
Delta R.T. -0.012 min
Lab File: BP009436.D
Acq: 16 Mar 2022 22:50



Tgt Ion:172 Resp: 2308925
Ion Ratio Lower Upper
172 100
171 35.4 28.0 42.0
170 23.4 18.6 27.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.216 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BP009436.D
Acq: 16 Mar 2022 22:50

Instrument :

BNA_P

ClientSampleId :

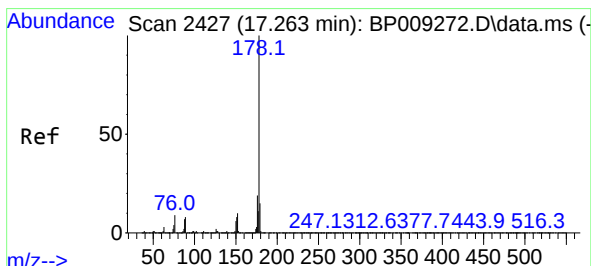
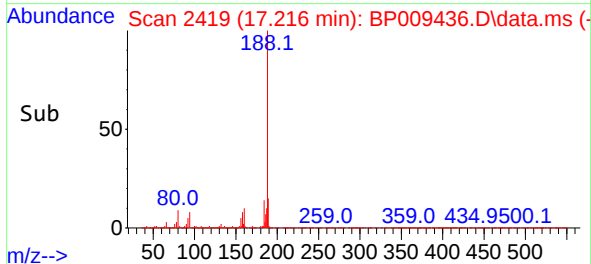
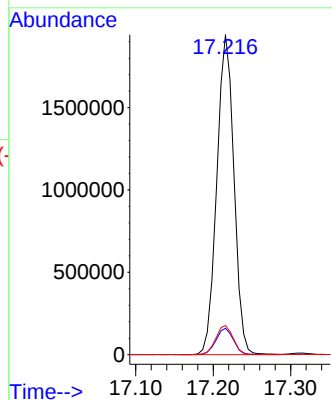
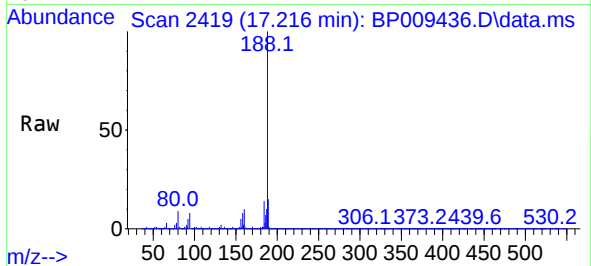
CL-02-031522

Tgt Ion:188 Resp: 299182
Ion Ratio Lower Upper
188 100
94 8.2 7.9 11.9
80 9.1 8.8 13.2

Manual Integrations

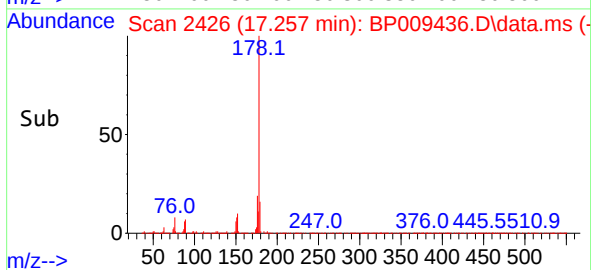
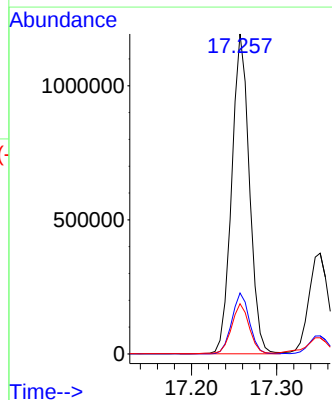
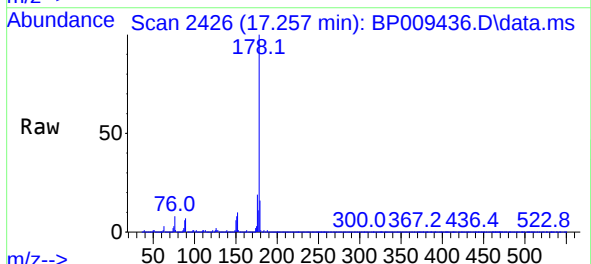
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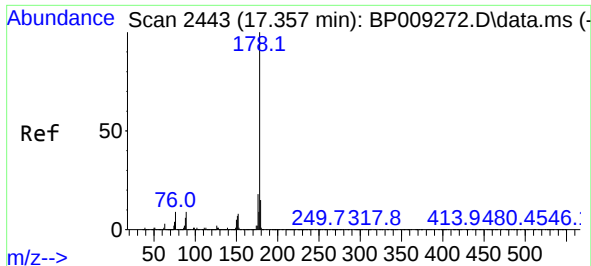
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Supervised By :Jagrut Upadhyay 03/17/2022



#71
Phenanthrene
Concen: 9.982 ng
RT: 17.257 min Scan# 2426
Delta R.T. -0.006 min
Lab File: BP009436.D
Acq: 16 Mar 2022 22:50

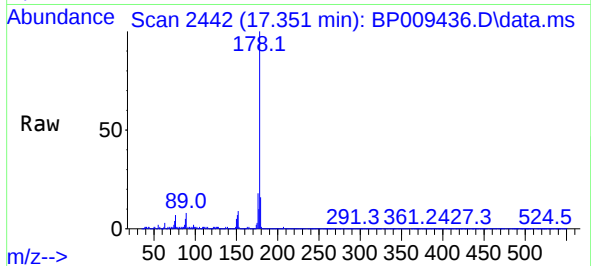
Tgt Ion:178 Resp: 1716371
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.2
179 15.7 12.3 18.5





#72
 Anthracene
 Concen: 3.431 ng
 RT: 17.351 min Scan# 2443
 Delta R.T. -0.006 min
 Lab File: BP009436.D
 Acq: 16 Mar 2022 22:50

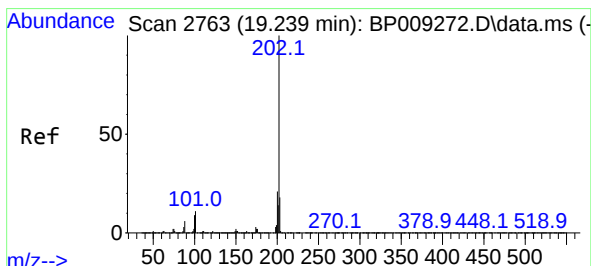
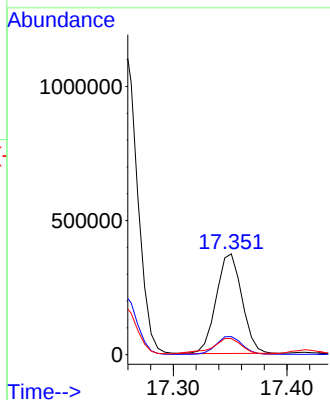
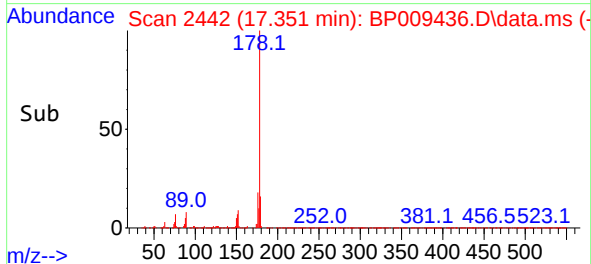
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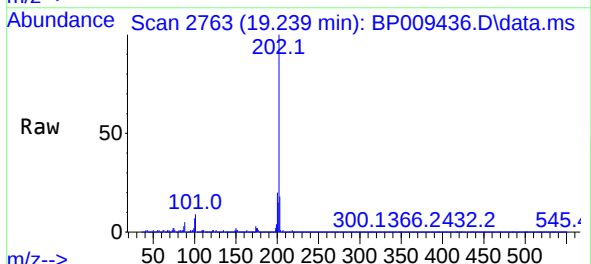
Tgt Ion:178 Resp: 587275
 Ion Ratio Lower Upper
 178 100
 176 17.9 14.8 22.2
 179 16.0 12.2 18.4

Manual Integrations
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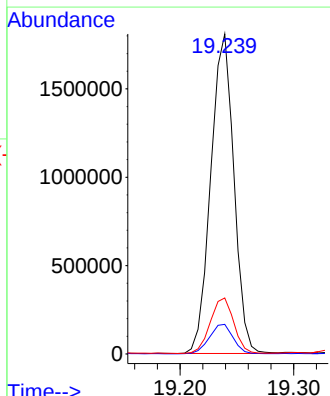
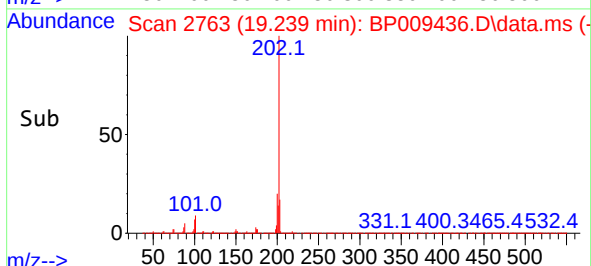
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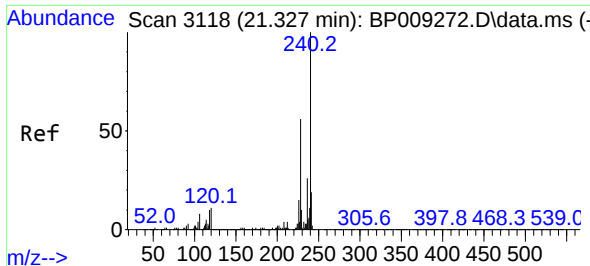


#75
 Fluoranthene
 Concen: 12.903 ng
 RT: 19.239 min Scan# 2763
 Delta R.T. -0.000 min
 Lab File: BP009436.D
 Acq: 16 Mar 2022 22:50



Tgt Ion:202 Resp: 2560660
 Ion Ratio Lower Upper
 202 100
 101 9.2 0.0 31.5
 203 17.5 0.0 37.8





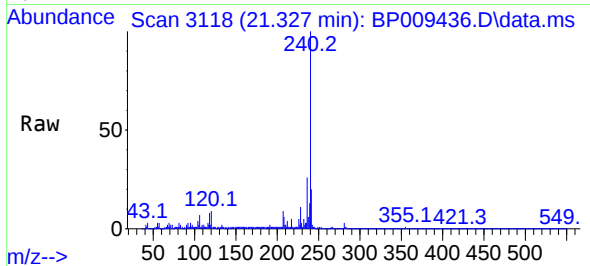
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.327 min Scan# 3118
Delta R.T. -0.000 min
Lab File: BP009436.D
Acq: 16 Mar 2022 22:50

Instrument :

BNA_P

ClientSampleId :

CL-02-031522

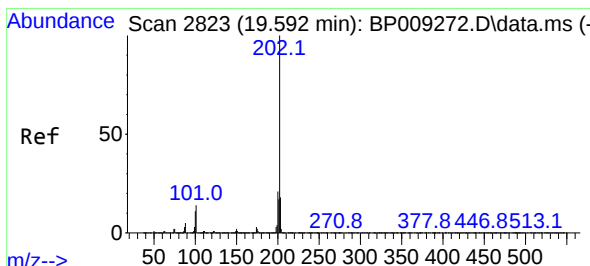
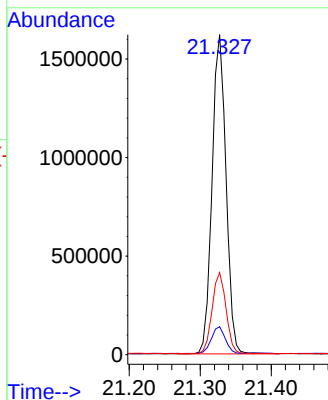
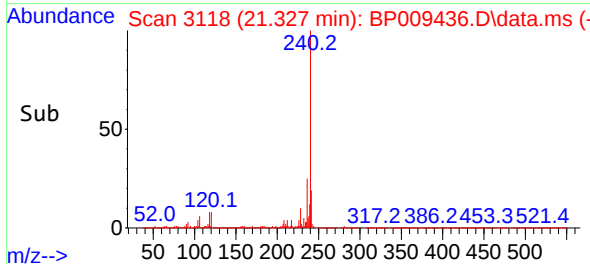


Tgt Ion:240 Resp: 2204249
Ion Ratio Lower Upper
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120 8.8 9.0 13.4
236 25.7 20.6 30.8

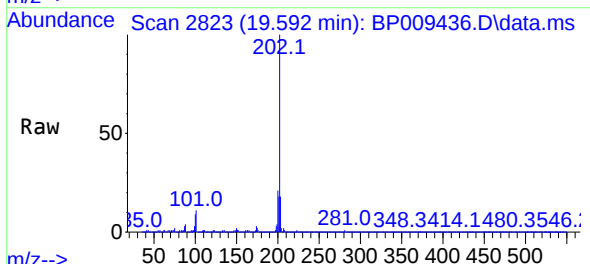
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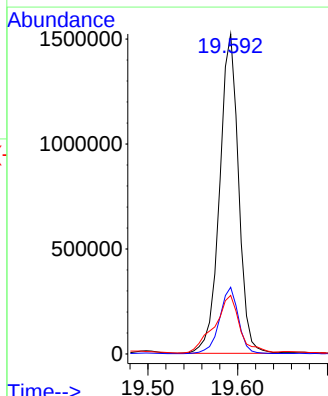
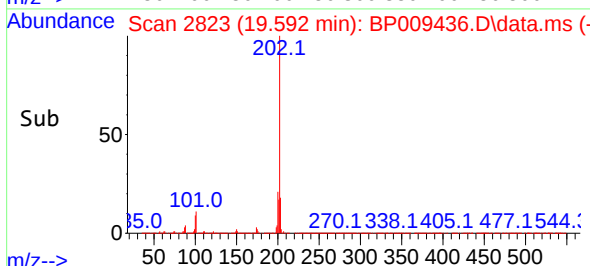
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

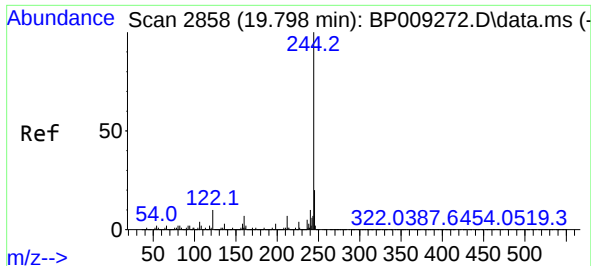


#78
Pyrene
Concen: 14.938 ng
RT: 19.592 min Scan# 2823
Delta R.T. -0.000 min
Lab File: BP009436.D
Acq: 16 Mar 2022 22:50



Tgt Ion:202 Resp: 2223178
Ion Ratio Lower Upper
202 100
200 20.9 16.8 25.2
203 18.3 14.2 21.4





#79
Terphenyl-d14
Concen: 27.887 ng
RT: 19.792 min Scan# 2858
Delta R.T. -0.006 min
Lab File: BP009436.D
Acq: 16 Mar 2022 22:50

Instrument :

BNA_P

ClientSampleId :

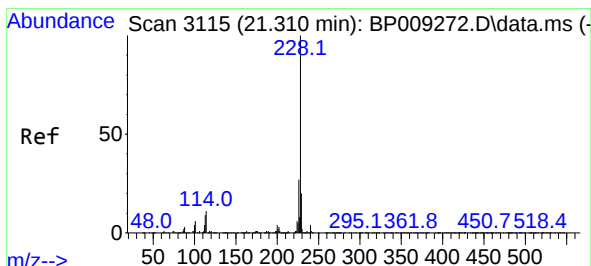
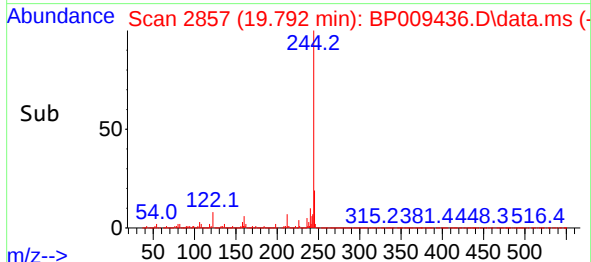
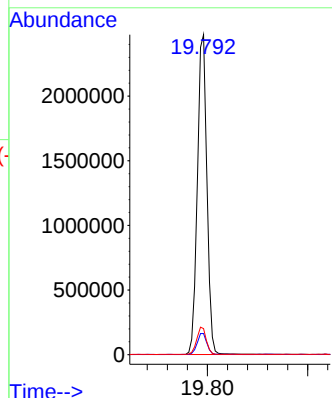
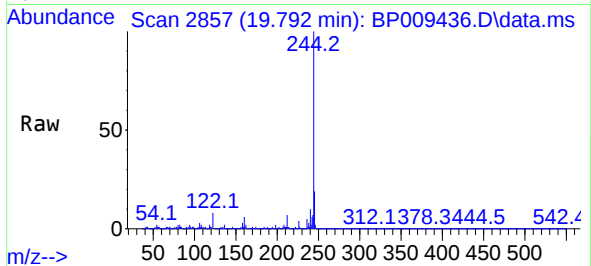
CL-02-031522

Tgt Ion:244 Resp: 325732
Ion Ratio Lower Upper
244 100
212 6.6 5.8 8.6
122 8.2 8.3 12.5

Manual Integrations

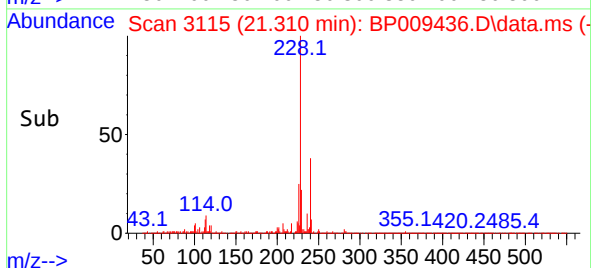
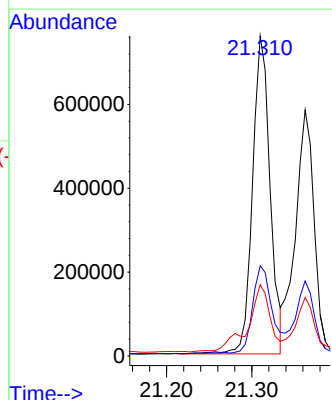
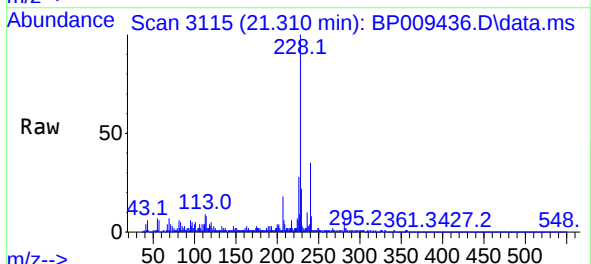
APPROVED

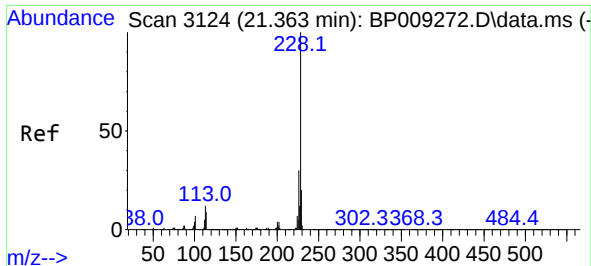
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#81
Benzo(a)anthracene
Concen: 7.278 ng
RT: 21.310 min Scan# 3115
Delta R.T. -0.000 min
Lab File: BP009436.D
Acq: 16 Mar 2022 22:50

Tgt Ion:228 Resp: 1087283
Ion Ratio Lower Upper
228 100
226 28.1 22.0 33.0
229 22.3 16.1 24.1





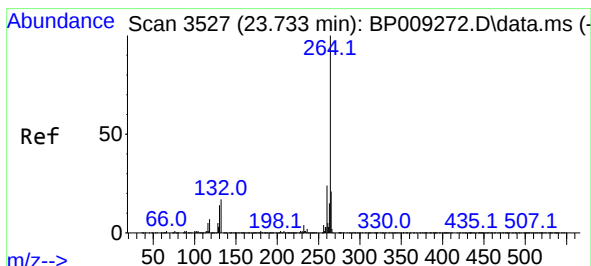
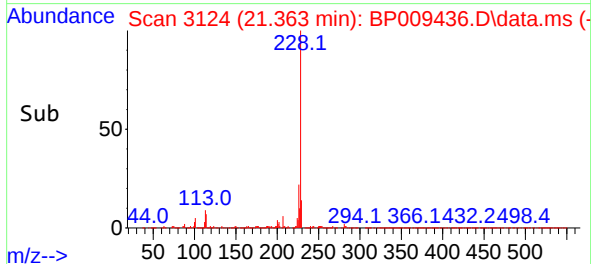
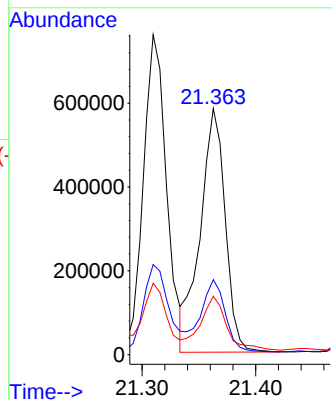
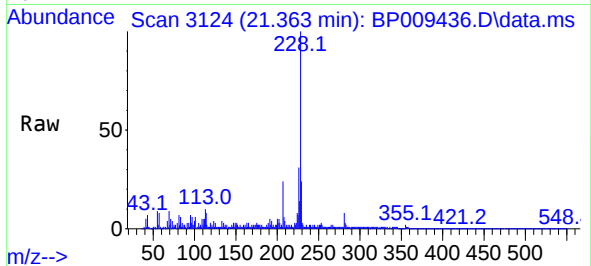
#83
Chrysene
Concen: 6.133 ng
RT: 21.363 min Scan# 3124
Delta R.T. -0.000 min
Lab File: BP009436.D
Acq: 16 Mar 2022 22:50

Instrument :
BNA_P
ClientSampleId :
CL-02-031522

Tgt Ion:228 Resp: 889680
Ion Ratio Lower Upper
228 100
226 30.5 24.2 36.2
229 23.7 16.1 24.1

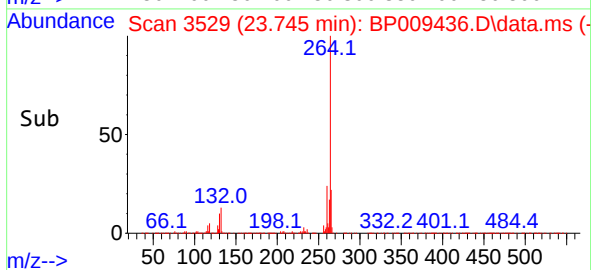
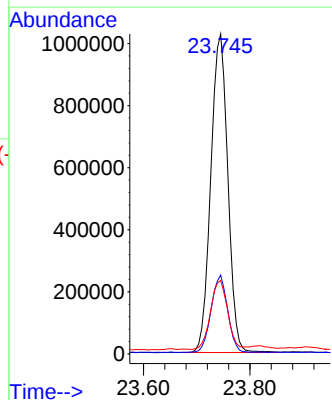
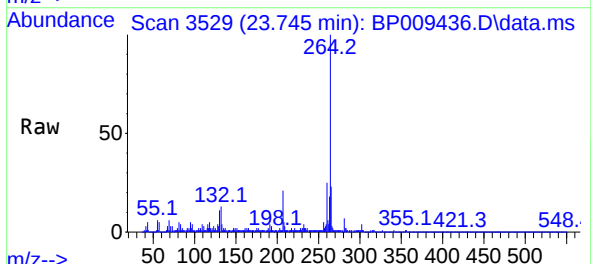
Manual Integrations
APPROVED

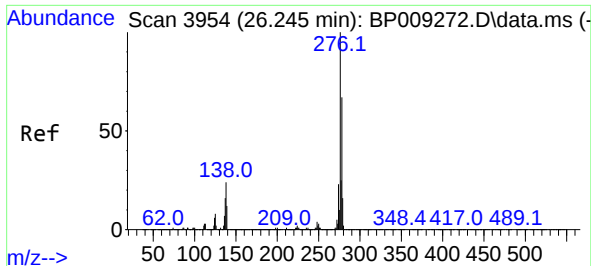
Reviewed By :Christian Giraldo 03/17/2022
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#86
Perylene-d12
Concen: 20.000 ng
RT: 23.745 min Scan# 3529
Delta R.T. 0.012 min
Lab File: BP009436.D
Acq: 16 Mar 2022 22:50

Tgt Ion:264 Resp: 2275920
Ion Ratio Lower Upper
264 100
260 24.6 19.4 29.0
265 23.0 17.2 25.8





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.576 ng
 RT: 26.256 min Scan# 3954
 Delta R.T. 0.012 min
 Lab File: BP009436.D
 Acq: 16 Mar 2022 22:50

Instrument :

BNA_P

ClientSampleId :

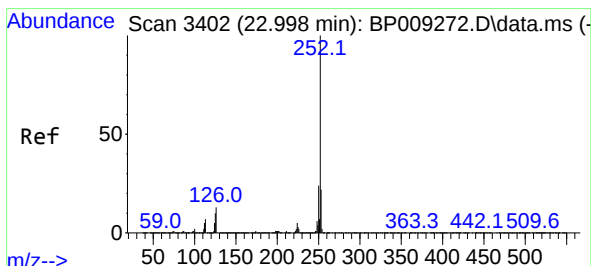
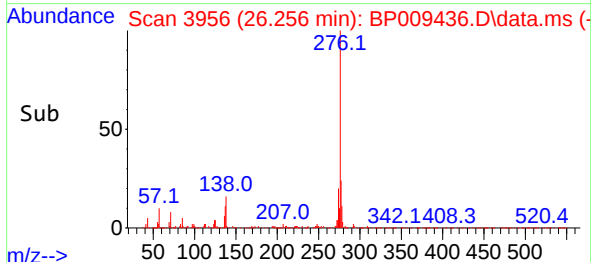
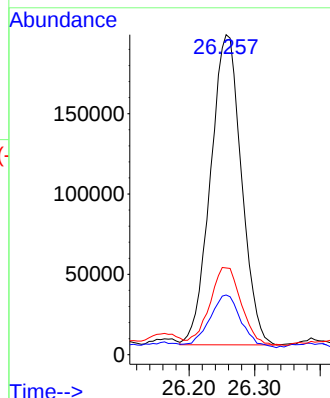
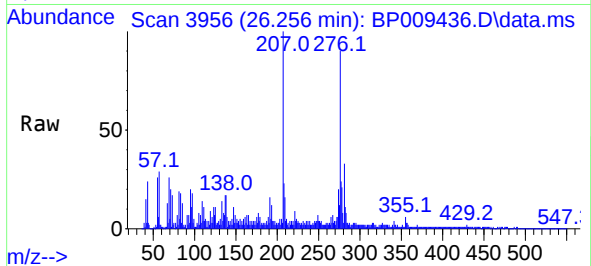
CL-02-031522

Tgt Ion:276 Resp: 632290
 Ion Ratio Lower Upper
 276 100
 138 17.4 20.5 30.7
 277 25.7 20.4 30.6

Manual Integrations

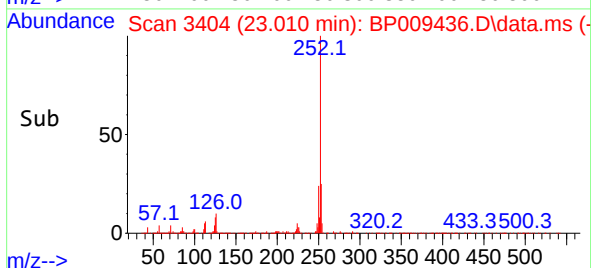
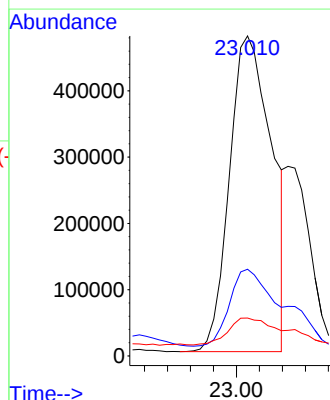
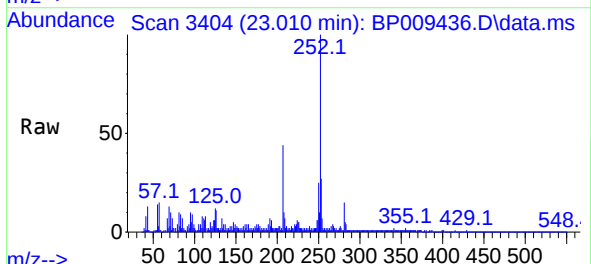
APPROVED

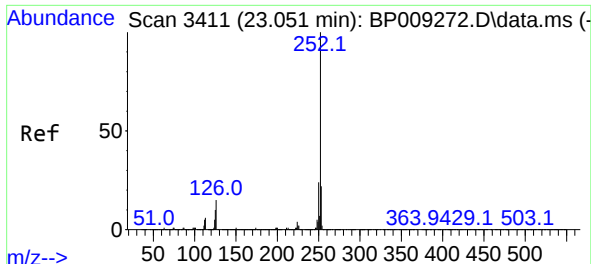
Reviewed By :Christian Giraldo 03/17/2022
 Supervised By :Jagrut Upadhyay 03/17/2022



#88
 Benzo(b)fluoranthene
 Concen: 7.914 ng m
 RT: 23.010 min Scan# 3404
 Delta R.T. 0.012 min
 Lab File: BP009436.D
 Acq: 16 Mar 2022 22:50

Tgt Ion:252 Resp: 1216132
 Ion Ratio Lower Upper
 252 100
 253 27.1 17.8 26.8
 125 11.9 8.1 12.1





#89
Benzo(k)fluoranthene
Concen: 2.880 ng m
RT: 23.045 min Scan# 3411
Delta R.T. -0.006 min
Lab File: BP009436.D
Acq: 16 Mar 2022 22:50

Instrument :

BNA_P

ClientSampleId :

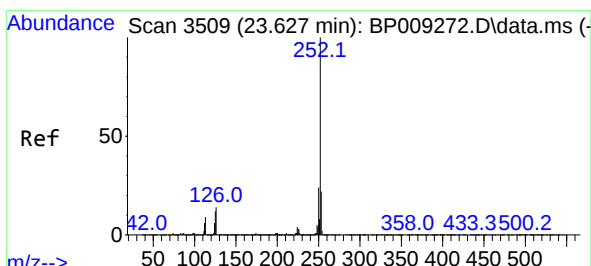
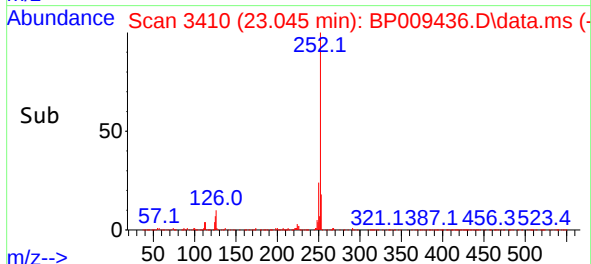
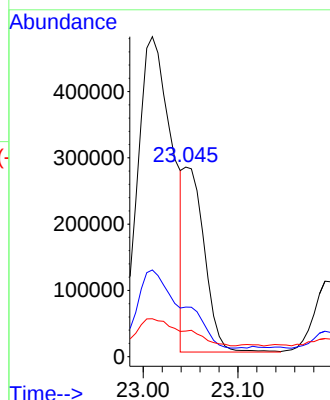
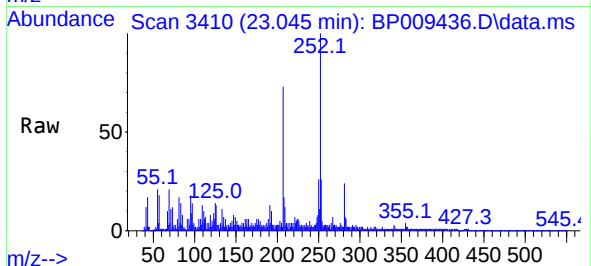
CL-02-031522

Tgt Ion:252 Resp: 422742
Ion Ratio Lower Upper
252 100
253 26.2 17.5 26.3
125 13.5 8.3 12.5

Manual Integrations

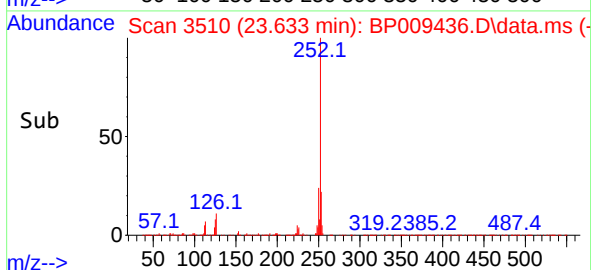
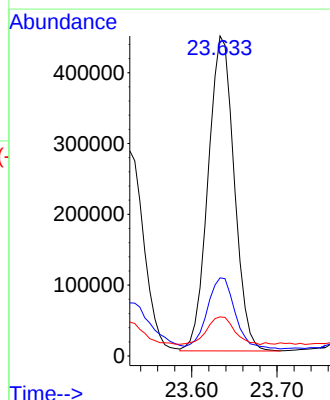
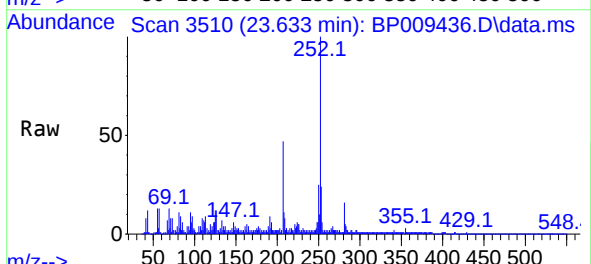
APPROVED

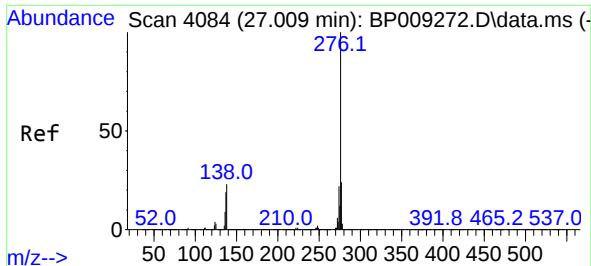
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#90
Benzo(a)pyrene
Concen: 6.486 ng
RT: 23.633 min Scan# 3510
Delta R.T. 0.006 min
Lab File: BP009436.D
Acq: 16 Mar 2022 22:50

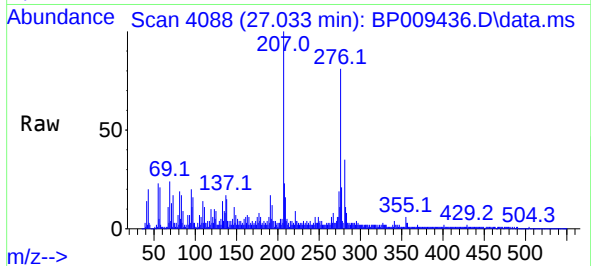
Tgt Ion:252 Resp: 945302
Ion Ratio Lower Upper
252 100
253 24.4 17.8 26.6
125 12.2 9.3 13.9





#92
Benzo(g,h,i)perylene
Concen: 4.270 ng
RT: 27.033 min Scan# 4088
Delta R.T. 0.023 min
Lab File: BP009436.D
Acq: 16 Mar 2022 22:50

Instrument :
BNA_P
ClientSampleId :
CL-02-031522



Tgt Ion:276 Resp: 632480
Ion Ratio Lower Upper
276 100
277 25.9 19.2 28.8
138 18.3 18.0 27.0

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

