

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012722\
 Data File : BP008957.D
 Acq On : 27 Jan 2022 21:23
 Operator : CG/JU
 Sample : N1280-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RMR-CON

Quant Time: Jan 28 02:20:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 26 01:52:51 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/28/2022
 Supervised By :mohammad ahmed 01/31/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	265528	20.000	ng	-0.01
21) Naphthalene-d8	10.628	136	935532	20.000	ng	-0.01
39) Acenaphthene-d10	14.469	164	534673	20.000	ng	-0.01
64) Phenanthrene-d10	17.228	188	986980	20.000	ng	-0.01
76) Chrysene-d12	21.321	240	1124923	20.000	ng	-0.01
86) Perylene-d12	23.733	264	1329503	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	300900	17.524	ng	-0.01
7) Phenol-d6	7.010	99	1467218	70.565	ng	-0.01
23) Nitrobenzene-d5	8.987	82	1168951	70.939	ng	-0.01
42) 2,4,6-Tribromophenol	15.969	330	12434	1.598	ng	-0.01
45) 2-Fluorobiphenyl	13.092	172	2882493	71.095	ng	-0.01
79) Terphenyl-d14	19.786	244	3738447	56.095	ng	-0.02
Target Compounds						Qvalue
31) Naphthalene	10.675	128	102478	2.017	ng	100
49) Acenaphthylene	14.192	152	155713	3.073	ng	98
52) Acenaphthene	14.534	154	75981	2.528	ng	96
55) Dibenzofuran	14.869	168	211282	4.314	ng	96
71) Phenanthrene	17.269	178	6401720	115.201	ng	100
72) Anthracene	17.363	178	708062	12.702	ng	99
73) Carbazole	17.633	167	243178	5.073	ng	99
75) Fluoranthene	19.239	202	5291603	85.629	ng	98
78) Pyrene	19.592	202	5543351	70.623	ng	100
81) Benzo(a)anthracene	21.304	228	2524214	33.354	ng	98
83) Chrysene	21.357	228	2462674	33.568	ng	98
87) Indeno(1,2,3-cd)pyrene	26.239	276	1190049	10.863	ng	96
88) Benzo(b)fluoranthene	22.998	252	2386355m	26.877	ng	
89) Benzo(k)fluoranthene	23.039	252	856263m	9.963	ng	
90) Benzo(a)pyrene	23.621	252	1806826	21.083	ng	99
91) Dibenz(a,h)anthracene	26.251	278	332904	3.574	ng	95
92) Benzo(g,h,i)perylene	27.015	276	1174938	12.918	ng	100

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

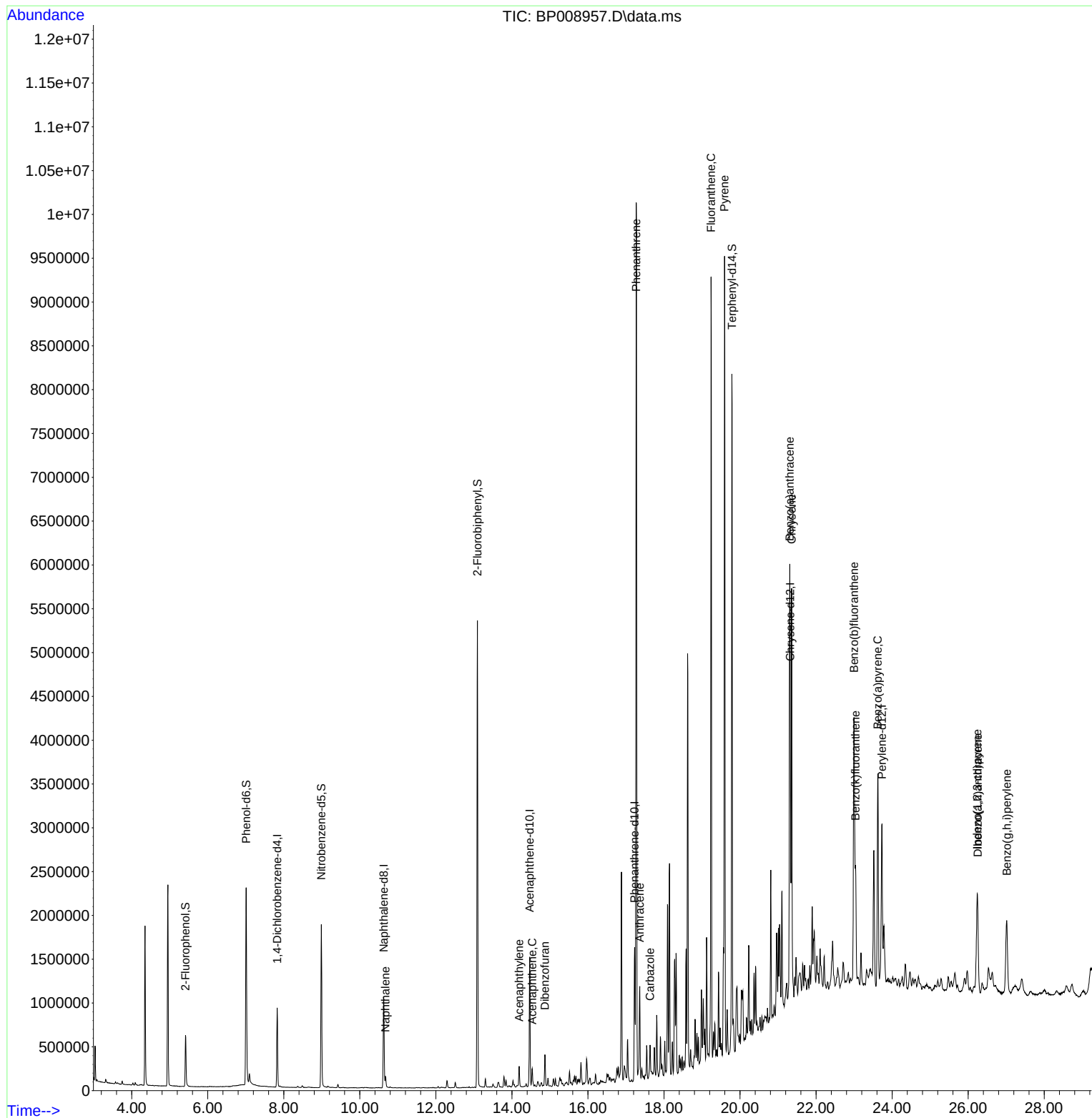
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Data File : BP008957.D
Acq On : 27 Jan 2022 21:23
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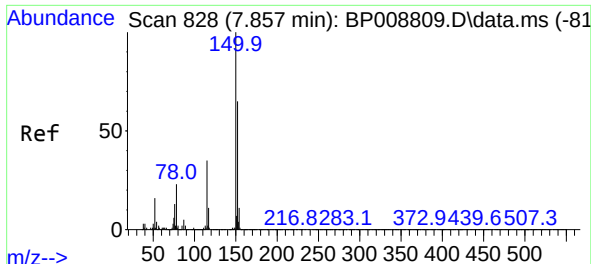
Instrument :
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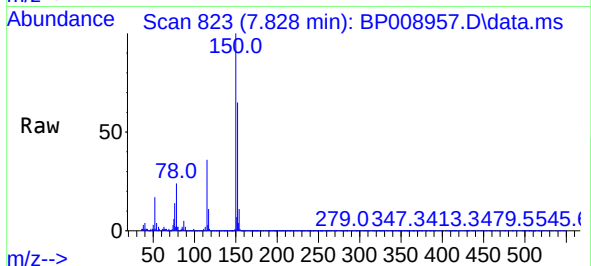
Reviewed By :Jagrut Upadhyay 01/28/2022
Supervised By :mohammad ahmed 01/31/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.828 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP008957.D
Acq: 27 Jan 2022 21:23

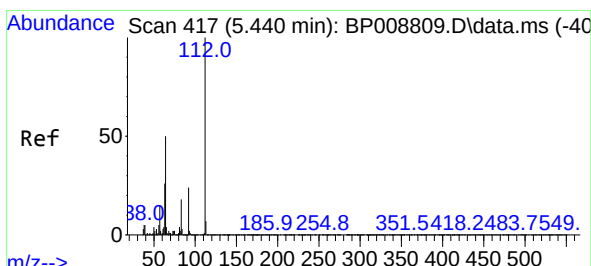
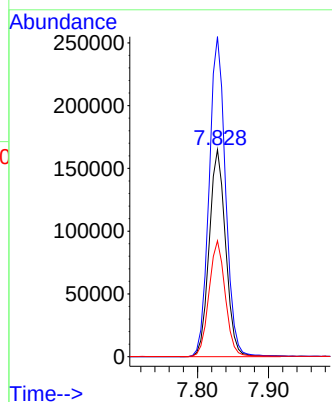
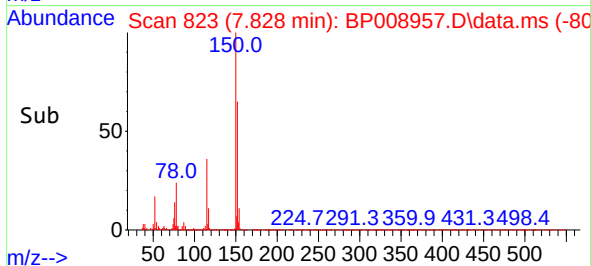
Instrument :
BNA_P
ClientSampleId :
RMR-CON



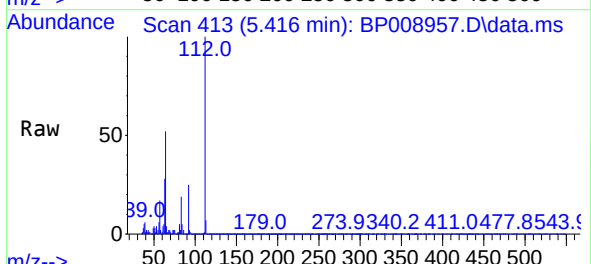
Tgt Ion:152 Resp: 265528
Ion Ratio Lower Upper
152 100
150 154.6 127.0 190.6
115 55.9 43.7 65.5

Manual Integrations
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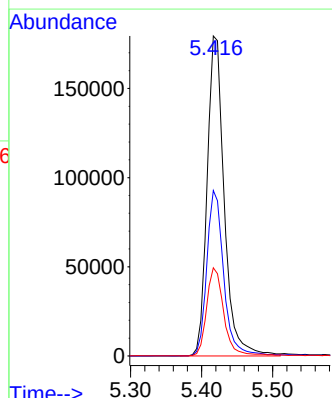
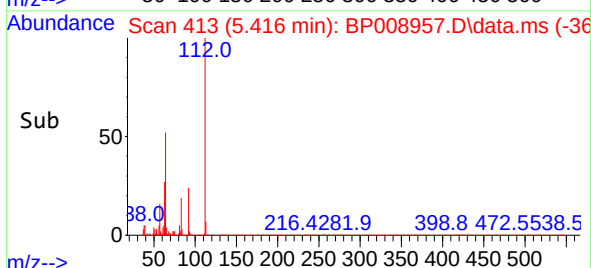
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Supervised By :mohammad ahmed 01/31/2022

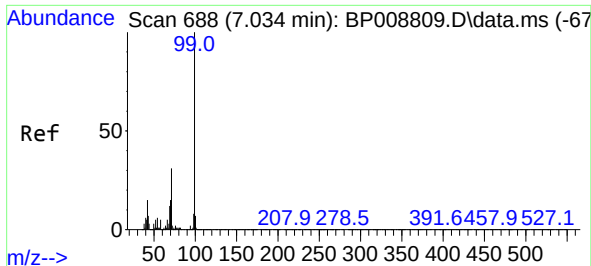


#5
2-Fluorophenol
Concen: 17.524 ng
RT: 5.416 min Scan# 413
Delta R.T. -0.012 min
Lab File: BP008957.D
Acq: 27 Jan 2022 21:23



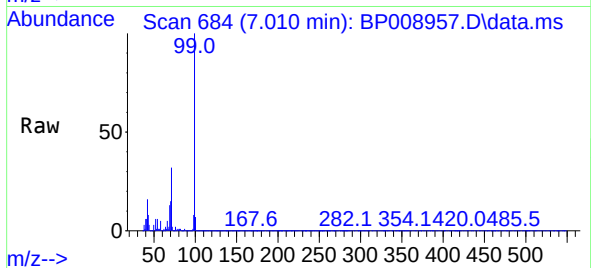
Tgt Ion:112 Resp: 300900
Ion Ratio Lower Upper
112 100
64 51.7 39.7 59.5
63 27.5 20.0 30.0





#7
Phenol-d6
Concen: 70.565 ng
RT: 7.010 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP008957.D
Acq: 27 Jan 2022 21:23

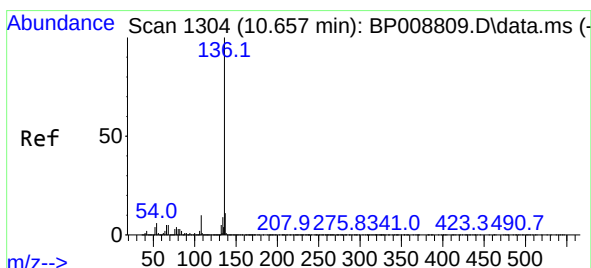
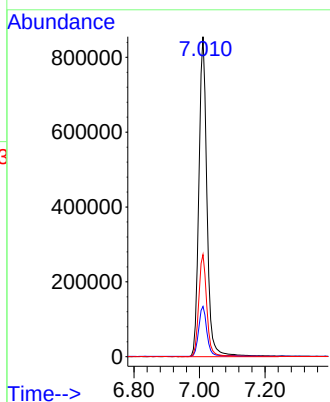
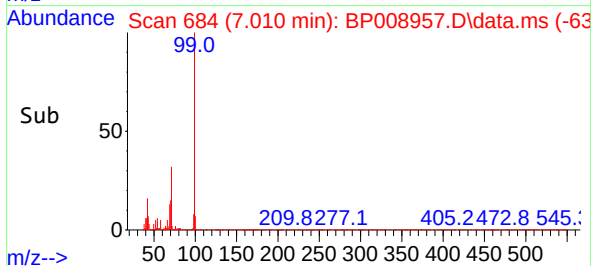
Instrument :
BNA_P
ClientSampleId :
RMR-CON



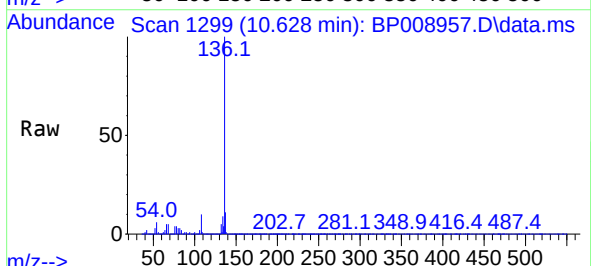
Tgt Ion: 99 Resp: 1467218
Ion Ratio Lower Upper
99 100
42 15.7 10.8 16.2
71 31.9 23.8 35.6

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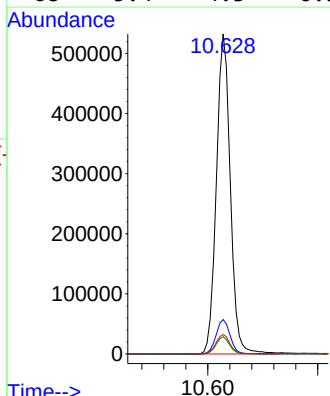
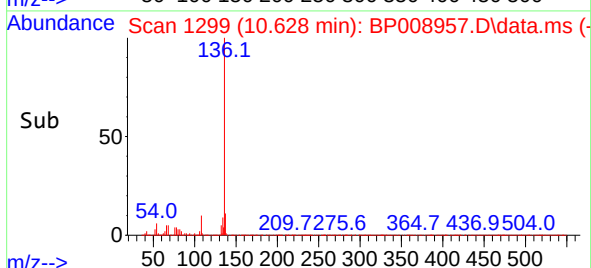
Reviewed By :Jagrut Upadhyay 01/28/2022
Supervised By :mohammad ahmed 01/31/2022

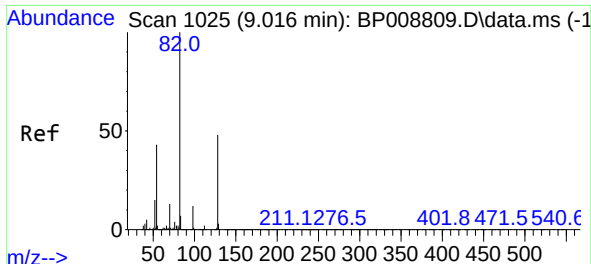


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.628 min Scan# 1299
Delta R.T. -0.012 min
Lab File: BP008957.D
Acq: 27 Jan 2022 21:23



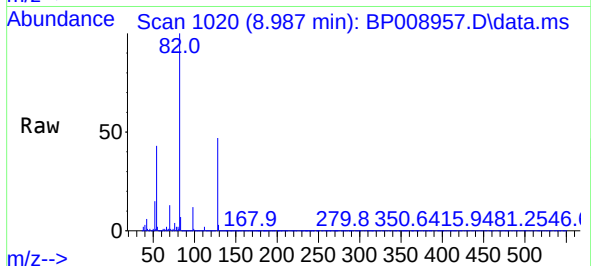
Tgt Ion:136 Resp: 935532
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 6.0 4.9 7.3
68 5.4 4.3 6.5





#23
Nitrobenzene-d5
Concen: 70.939 ng
RT: 8.987 min Scan# 10
Delta R.T. -0.012 min
Lab File: BP008957.D
Acq: 27 Jan 2022 21:23

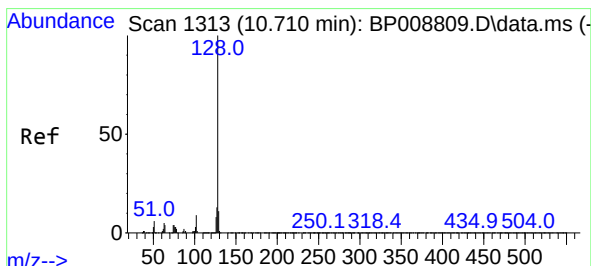
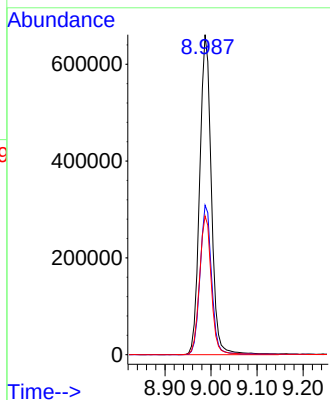
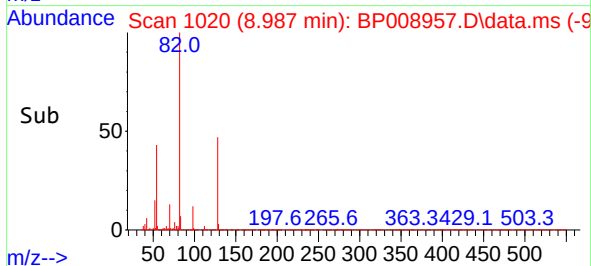
Instrument :
BNA_P
ClientSampleId :
RMR-CON



Tgt Ion: 82 Resp: 116895
Ion Ratio Lower Upper
82 100
128 46.7 39.4 59.2
54 43.4 32.6 48.8

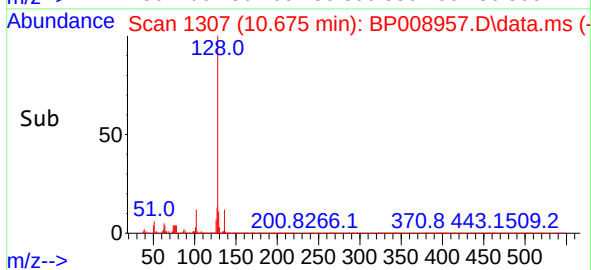
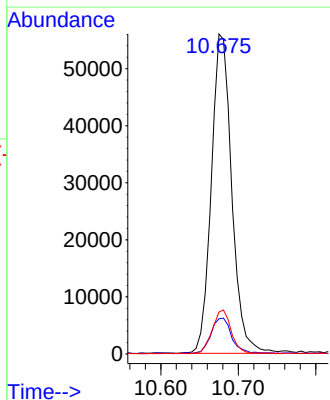
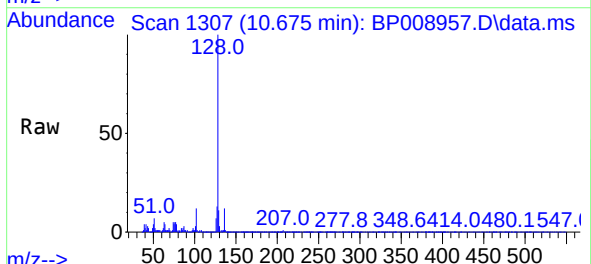
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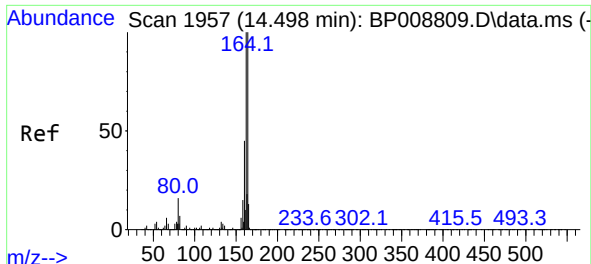
Reviewed By :Jagrut Upadhyay 01/28/2022
Supervised By :mohammad ahmed 01/31/2022



#31
Naphthalene
Concen: 2.017 ng
RT: 10.675 min Scan# 1307
Delta R.T. -0.018 min
Lab File: BP008957.D
Acq: 27 Jan 2022 21:23

Tgt Ion:128 Resp: 102478
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.1 10.4 15.6





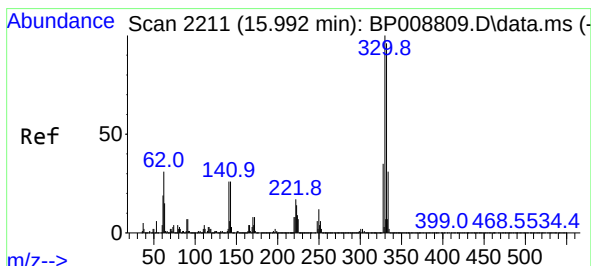
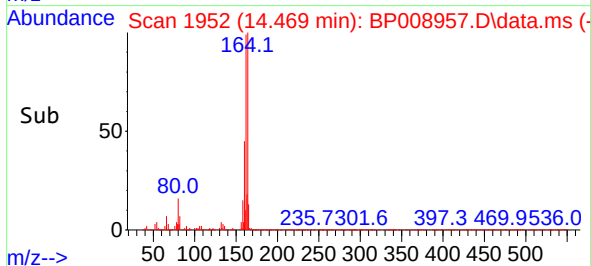
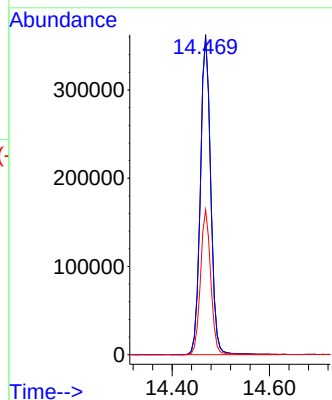
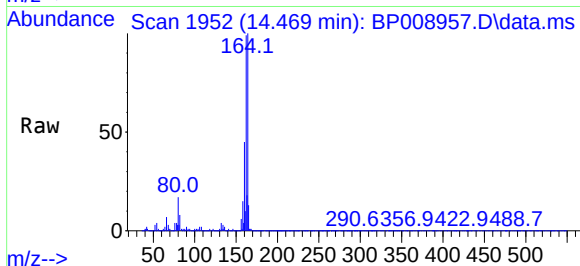
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.469 min Scan# 1957
Delta R.T. -0.012 min
Lab File: BP008957.D
Acq: 27 Jan 2022 21:23

Instrument :
BNA_P
ClientSampleId :
RMR-CON

Tgt Ion:164 Resp: 53467
Ion Ratio Lower Upper
164 100
162 99.0 79.9 119.9
160 45.2 35.5 53.3

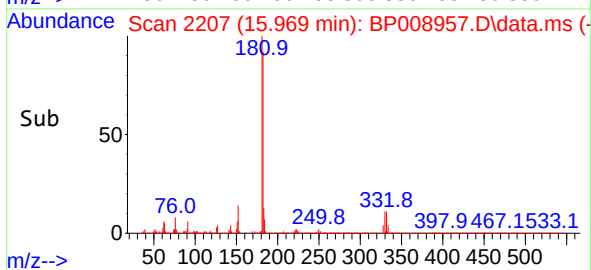
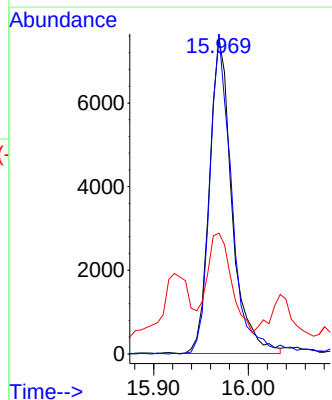
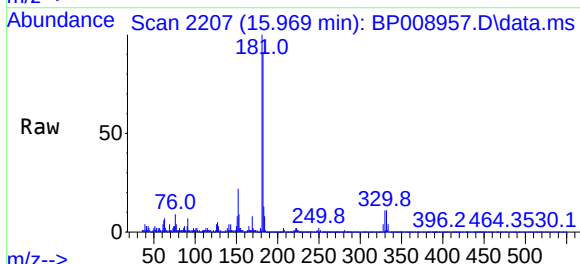
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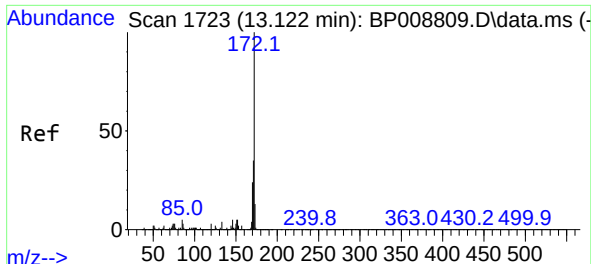
Reviewed By :Jagrut Upadhyay 01/28/2022
Supervised By :mohammad ahmed 01/31/2022



#42
2,4,6-Tribromophenol
Concen: 1.598 ng
RT: 15.969 min Scan# 2207
Delta R.T. -0.012 min
Lab File: BP008957.D
Acq: 27 Jan 2022 21:23

Tgt Ion:330 Resp: 12434
Ion Ratio Lower Upper
330 100
332 97.8 77.0 115.4
141 33.8 21.3 31.9#





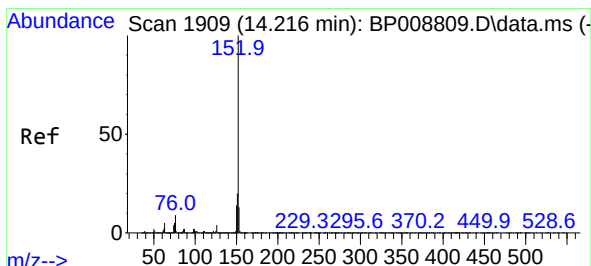
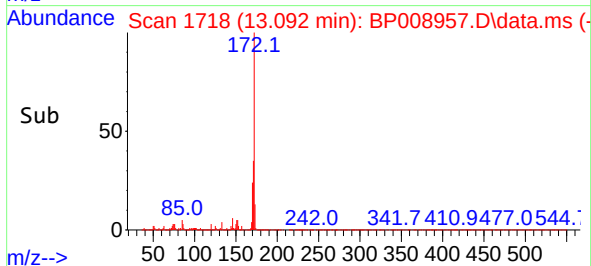
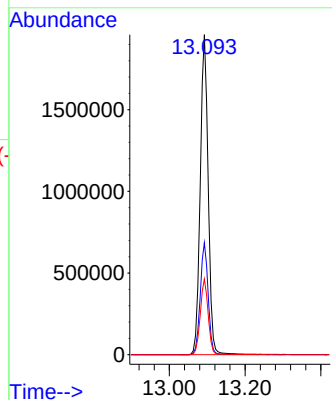
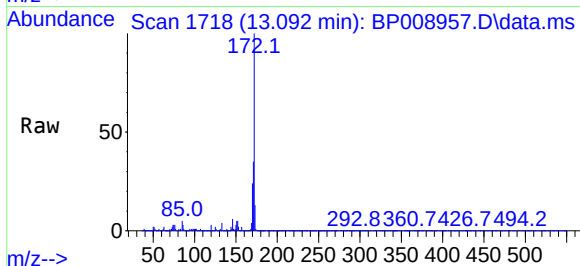
#45
2-Fluorobiphenyl
Concen: 71.095 ng
RT: 13.092 min Scan# 1718
Delta R.T. -0.012 min
Lab File: BP008957.D
Acq: 27 Jan 2022 21:23

Instrument :
BNA_P
ClientSampleId :
RMR-CON

Tgt Ion:172 Resp: 288249
Ion Ratio Lower Upper
172 100
171 35.0 29.3 43.9
170 23.7 19.5 29.3

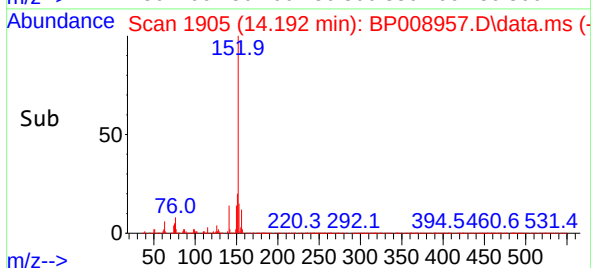
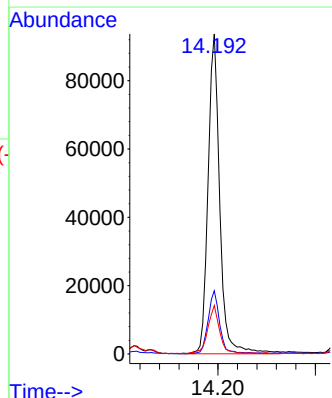
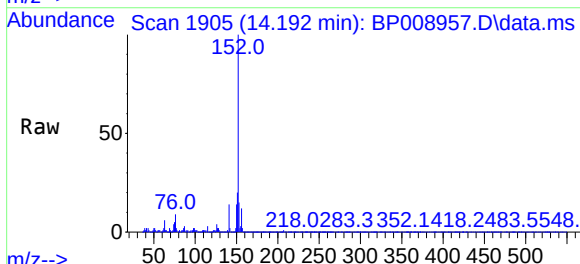
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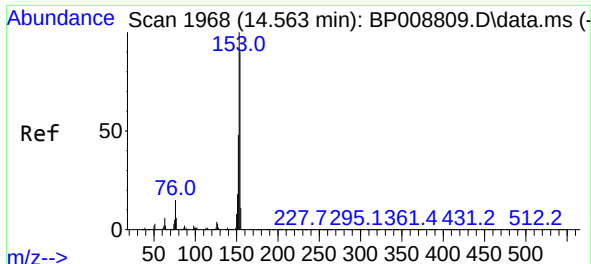
Reviewed By :Jagrut Upadhyay 01/28/2022
Supervised By :mohammad ahmed 01/31/2022



#49
Acenaphthylene
Concen: 3.073 ng
RT: 14.192 min Scan# 1905
Delta R.T. -0.012 min
Lab File: BP008957.D
Acq: 27 Jan 2022 21:23

Tgt Ion:152 Resp: 155713
Ion Ratio Lower Upper
152 100
151 19.7 16.1 24.1
153 15.1 10.6 16.0





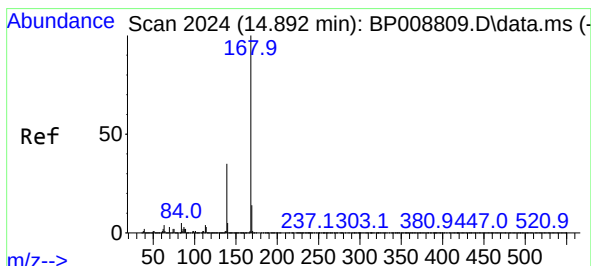
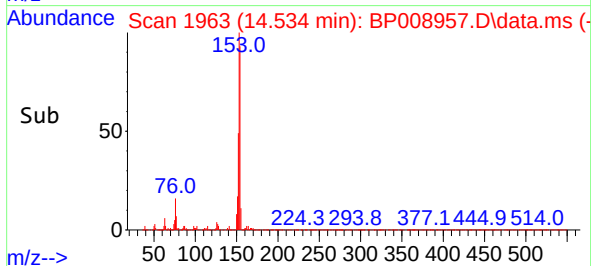
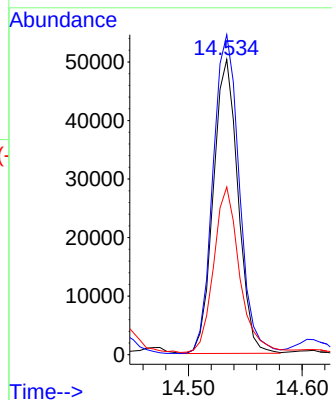
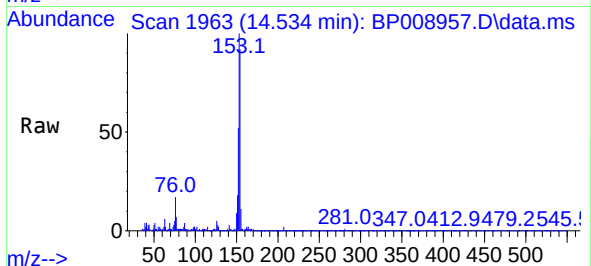
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Acenaphthene
Concen: 2.528 ng
RT: 14.534 min Scan# 1968
Delta R.T. -0.012 min
Lab File: BP008957.D
Acq: 27 Jan 2022 21:23

Instrument :
BNA_P
ClientSampleId :
RMR-CON

Tgt Ion:154 Resp: 7598
Ion Ratio Lower Upper
154 100
153 108.4 89.4 134.2
152 56.8 42.6 63.8

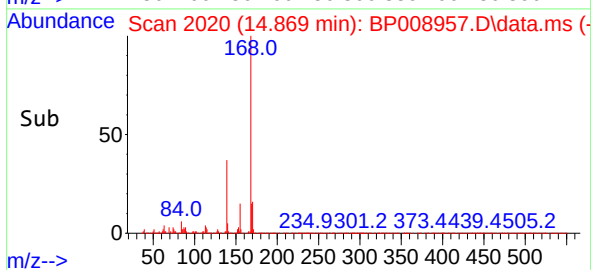
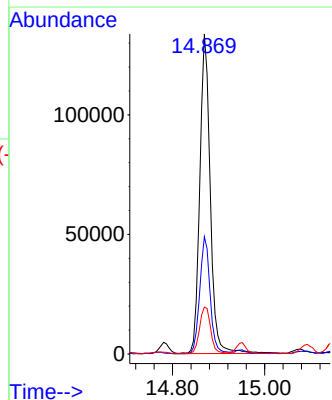
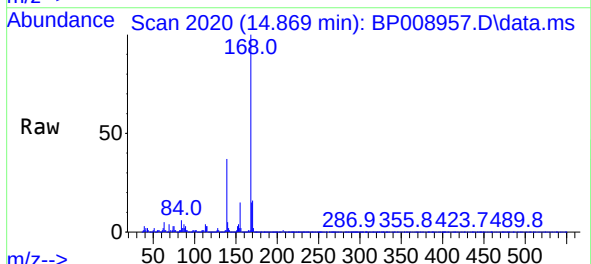
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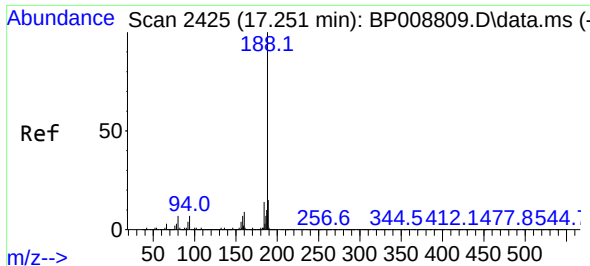
Reviewed By :Jagrut Upadhyay 01/28/2022
Supervised By :mohammad ahmed 01/31/2022



#55
Dibenzofuran
Concen: 4.314 ng
RT: 14.869 min Scan# 2020
Delta R.T. -0.012 min
Lab File: BP008957.D
Acq: 27 Jan 2022 21:23

Tgt Ion:168 Resp: 211282
Ion Ratio Lower Upper
168 100
139 36.7 27.4 41.0
169 14.6 10.9 16.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.228 min Scan# 2421
Delta R.T. -0.012 min
Lab File: BP008957.D
Acq: 27 Jan 2022 21:23

Instrument :

BNA_P

ClientSampleId :

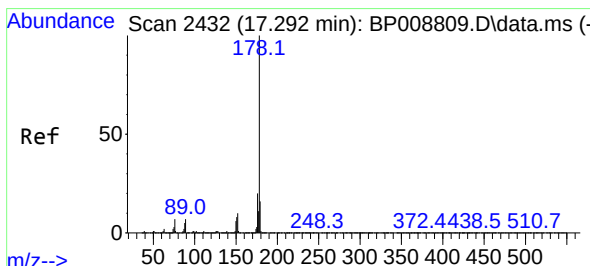
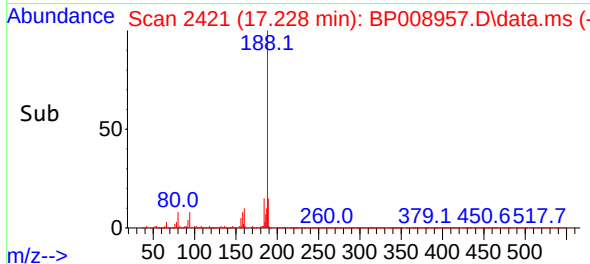
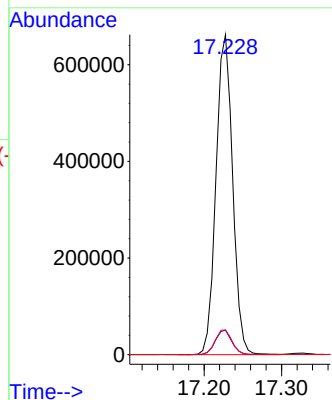
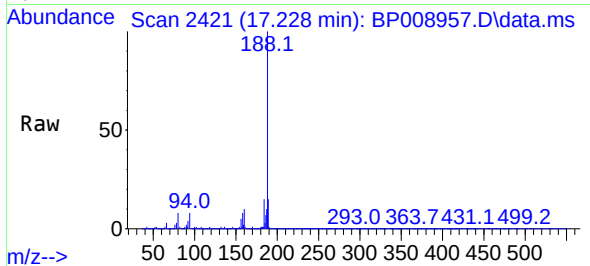
RMR-CON

Tgt Ion:188 Resp: 986980
Ion Ratio Lower Upper
188 100
94 7.7 6.8 10.2
80 7.8 7.2 10.8

Manual Integrations

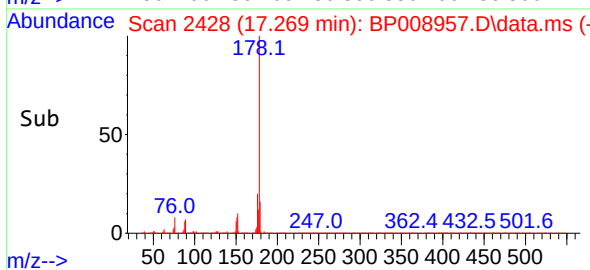
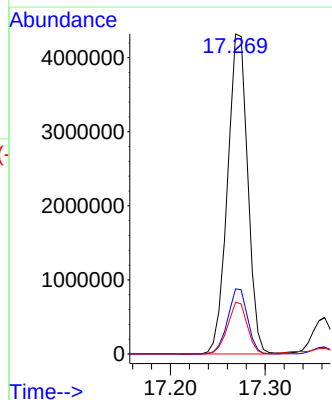
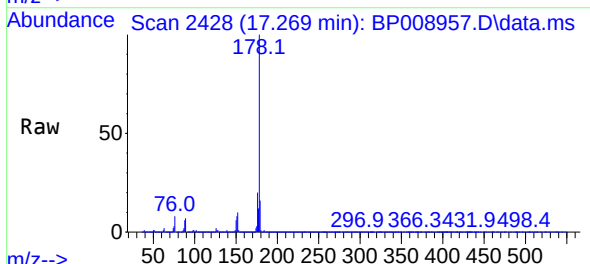
APPROVED

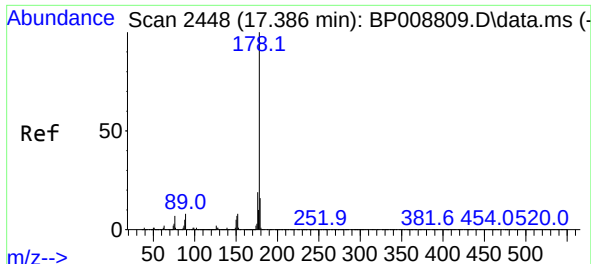
Reviewed By :Jagrut Upadhyay 01/28/2022
Supervised By :mohammad ahmed 01/31/2022



#71
Phenanthrene
Concen: 115.201 ng
RT: 17.269 min Scan# 2428
Delta R.T. -0.012 min
Lab File: BP008957.D
Acq: 27 Jan 2022 21:23

Tgt Ion:178 Resp: 6401720
Ion Ratio Lower Upper
178 100
176 20.4 16.0 24.0
179 16.2 13.0 19.4





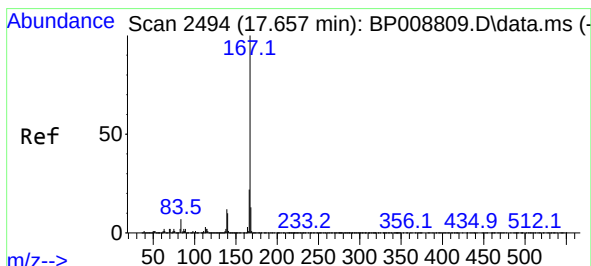
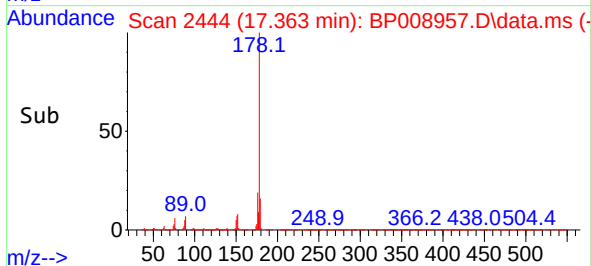
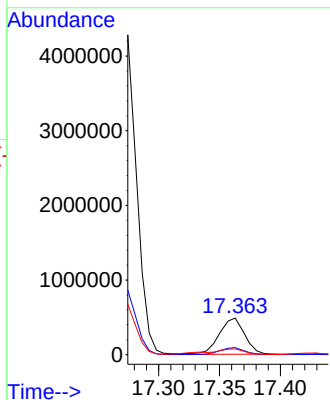
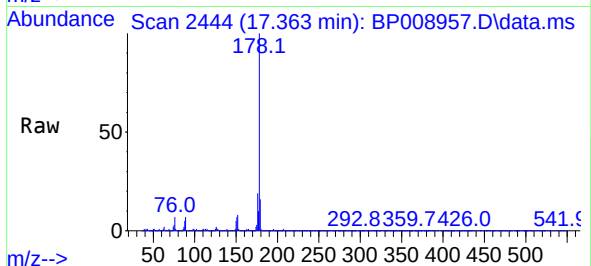
#72
 Anthracene
 Concen: 12.702 ng
 RT: 17.363 min Scan# 2444
 Delta R.T. -0.012 min
 Lab File: BP008957.D
 Acq: 27 Jan 2022 21:23

Instrument :
 BNA_P
 ClientSampleId :
 RMR-CON

Tgt Ion:178 Resp: 708062
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.1 22.7
 179 15.8 12.8 19.2

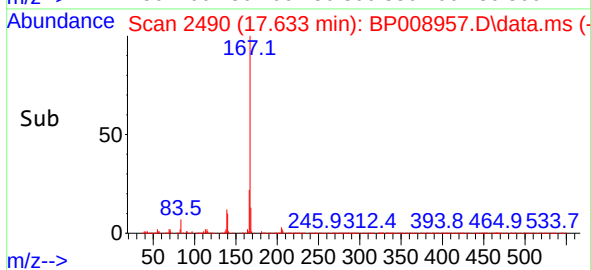
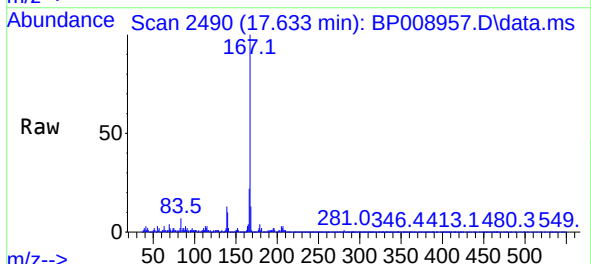
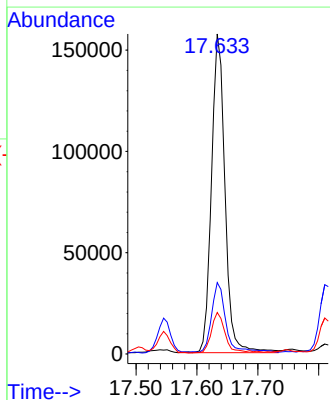
Manual Integrations
 APPROVED

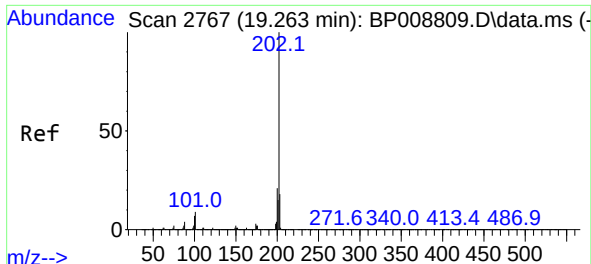
Reviewed By :Jagrut Upadhyay 01/28/2022
 Supervised By :mohammad ahmed 01/31/2022



#73
 Carbazole
 Concen: 5.073 ng
 RT: 17.633 min Scan# 2490
 Delta R.T. -0.012 min
 Lab File: BP008957.D
 Acq: 27 Jan 2022 21:23

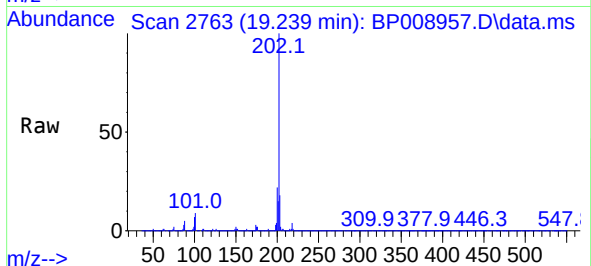
Tgt Ion:167 Resp: 243178
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.7 26.5
 139 13.0 9.8 14.6





#75
Fluoranthene
Concen: 85.629 ng
RT: 19.239 min Scan# 2117
Delta R.T. -0.012 min
Lab File: BP008957.D
Acq: 27 Jan 2022 21:23

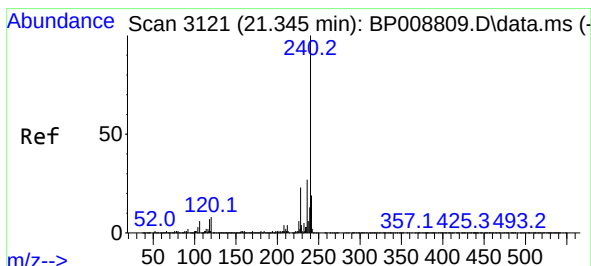
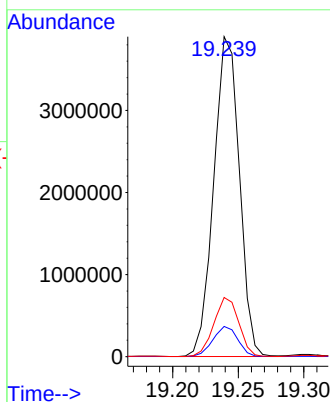
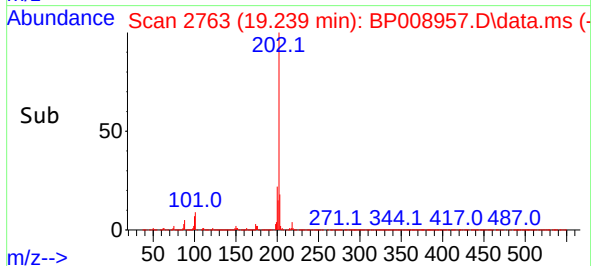
Instrument :
BNA_P
ClientSampleId :
RMR-CON



Tgt Ion:202 Resp: 5291600
Ion Ratio Lower Upper
202 100
101 9.5 0.0 30.7
203 18.5 0.0 38.9

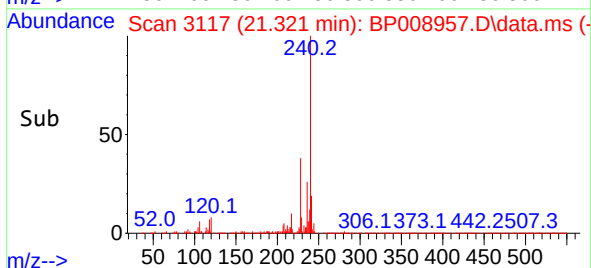
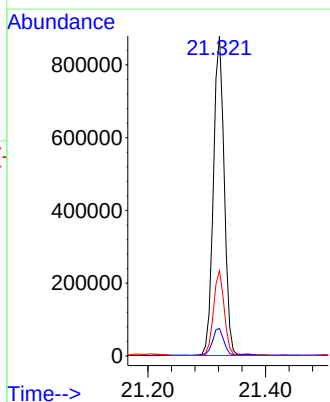
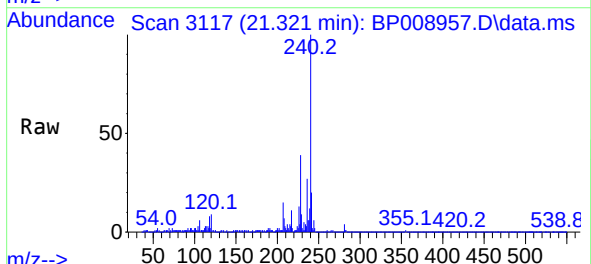
Manual Integrations
APPROVED

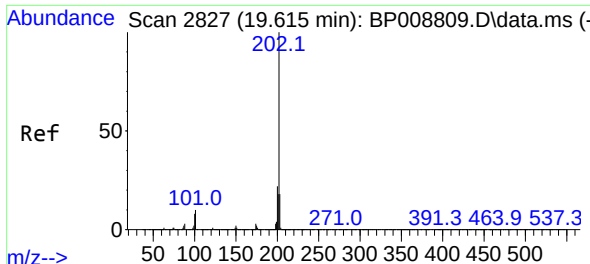
Reviewed By :Jagrut Upadhyay 01/28/2022
Supervised By :mohammad ahmed 01/31/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.321 min Scan# 3117
Delta R.T. -0.012 min
Lab File: BP008957.D
Acq: 27 Jan 2022 21:23

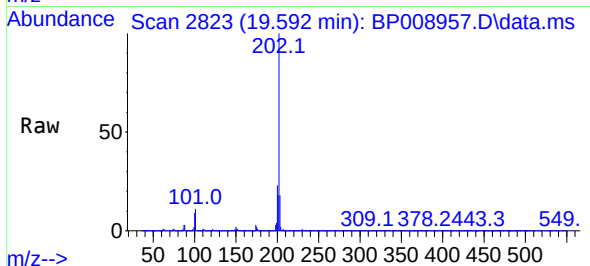
Tgt Ion:240 Resp: 1124923
Ion Ratio Lower Upper
240 100
120 8.6 7.7 11.5
236 26.6 21.2 31.8





#78
Pyrene
Concen: 70.623 ng
RT: 19.592 min Scan# 2823
Delta R.T. -0.012 min
Lab File: BP008957.D
Acq: 27 Jan 2022 21:23

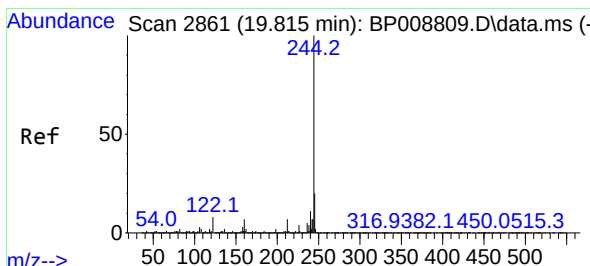
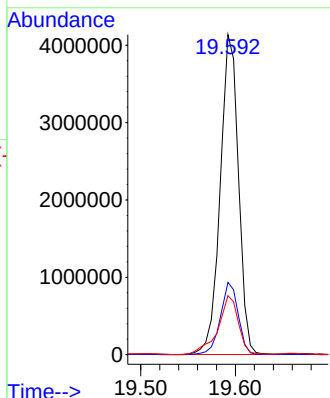
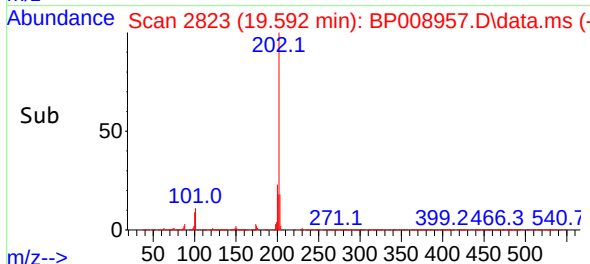
Instrument :
BNA_P
ClientSampleId :
RMR-CON



Tgt Ion:202 Resp: 554335
Ion Ratio Lower Upper
202 100
200 22.6 18.0 27.0
203 18.5 15.0 22.6

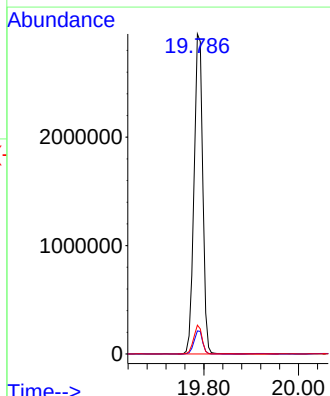
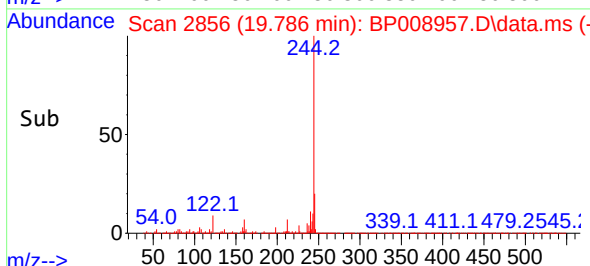
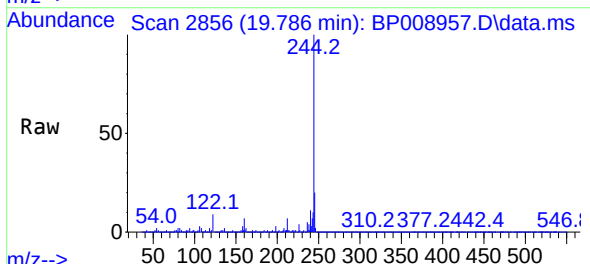
Manual Integrations
APPROVED

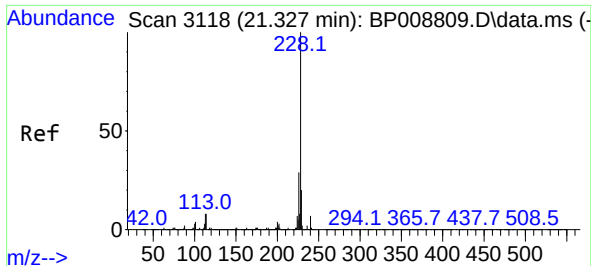
Reviewed By :Jagrut Upadhyay 01/28/2022
Supervised By :mohammad ahmed 01/31/2022



#79
Terphenyl-d14
Concen: 56.095 ng
RT: 19.786 min Scan# 2856
Delta R.T. -0.018 min
Lab File: BP008957.D
Acq: 27 Jan 2022 21:23

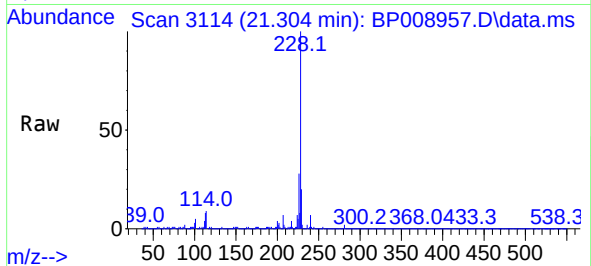
Tgt Ion:244 Resp: 3738447
Ion Ratio Lower Upper
244 100
212 7.2 6.5 9.7
122 9.0 9.2 13.8#





#81
Benzo(a)anthracene
Concen: 33.354 ng
RT: 21.304 min Scan# 3114
Delta R.T. -0.018 min
Lab File: BP008957.D
Acq: 27 Jan 2022 21:23

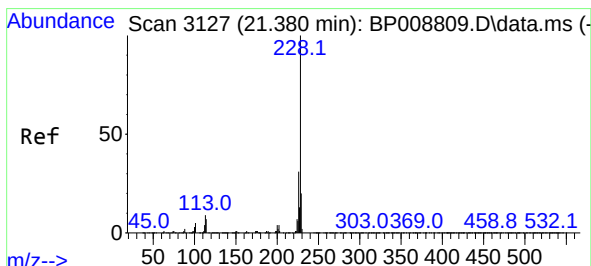
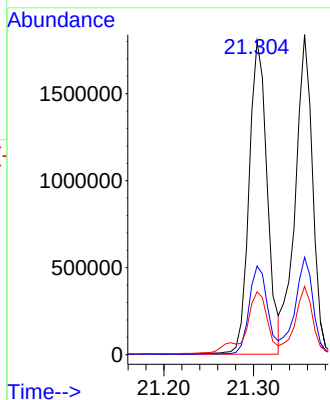
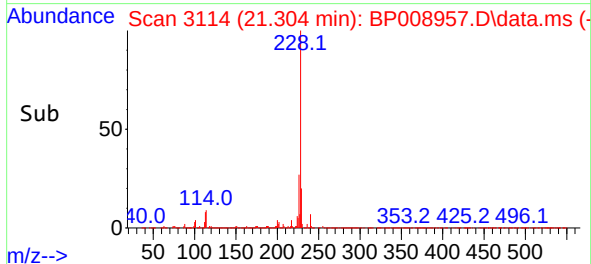
Instrument :
BNA_P
ClientSampleId :
RMR-CON



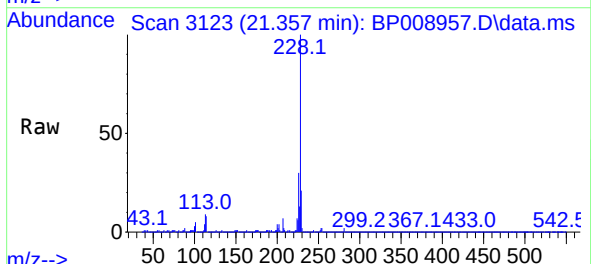
Tgt Ion:228 Resp: 2524214
Ion Ratio Lower Upper
228 100
226 28.3 23.3 34.9
229 20.1 17.0 25.6

Manual Integrations
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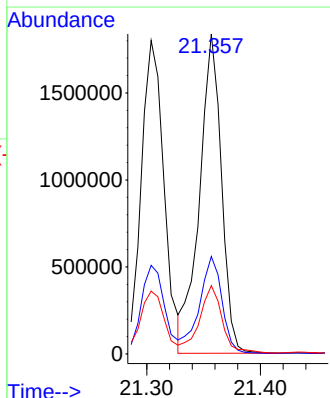
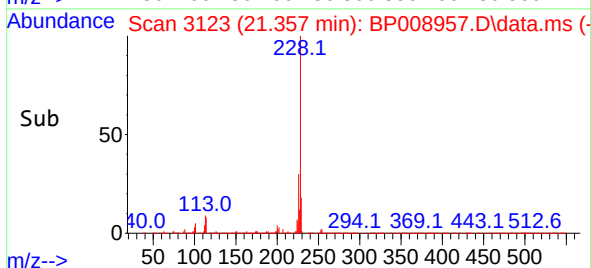
Reviewed By :Jagrut Upadhyay 01/28/2022
Supervised By :mohammad ahmed 01/31/2022

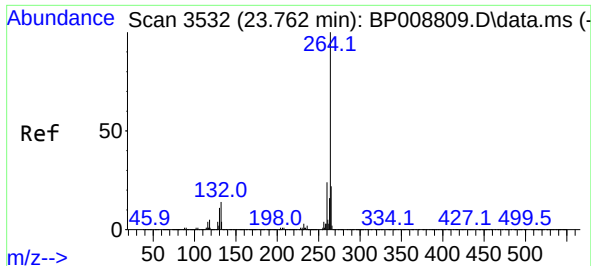


#83
Chrysene
Concen: 33.568 ng
RT: 21.357 min Scan# 3123
Delta R.T. -0.012 min
Lab File: BP008957.D
Acq: 27 Jan 2022 21:23



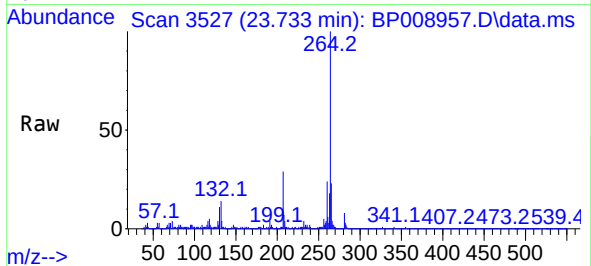
Tgt Ion:228 Resp: 2462674
Ion Ratio Lower Upper
228 100
226 30.5 26.0 39.0
229 21.4 16.9 25.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.733 min Scan# 31
Delta R.T. -0.018 min
Lab File: BP008957.D
Acq: 27 Jan 2022 21:23

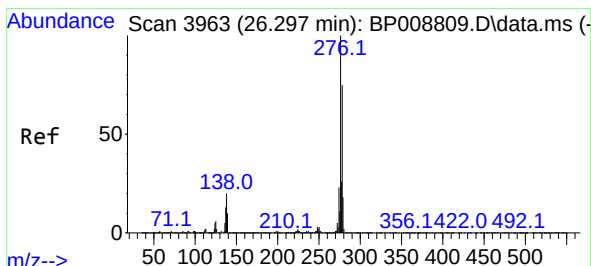
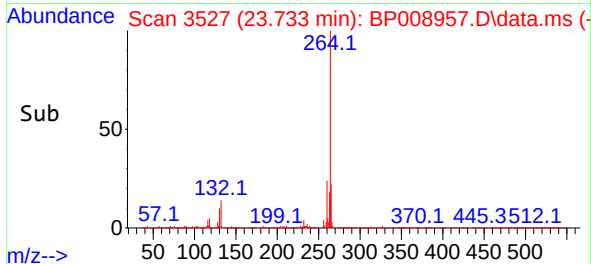
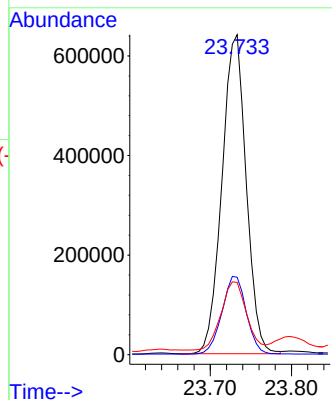
Instrument :
BNA_P
ClientSampleId :
RMR-CON



Tgt Ion:264 Resp: 132950
Ion Ratio Lower Upper
264 100
260 24.2 19.1 28.7
265 22.6 17.1 25.7

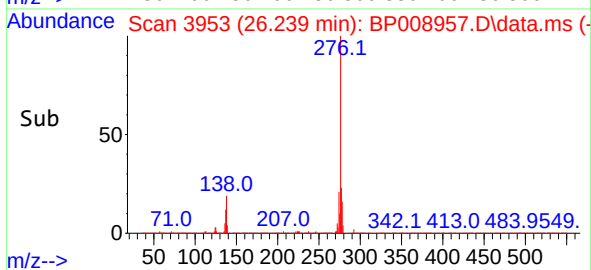
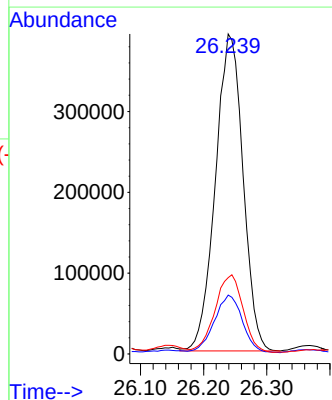
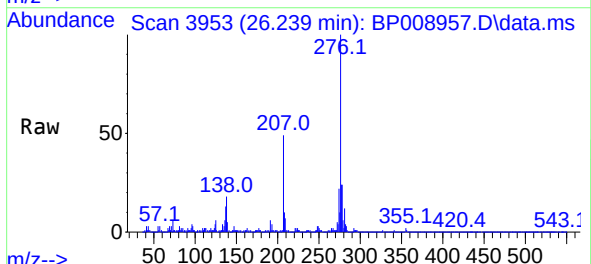
Manual Integrations
APPROVED

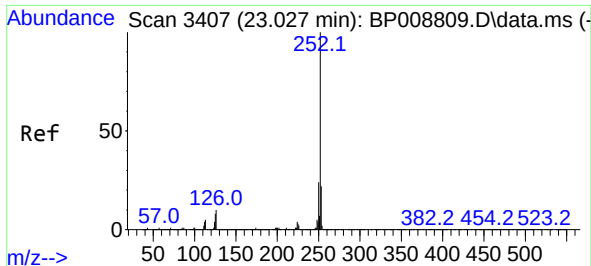
Reviewed By :Jagrut Upadhyay 01/28/2022
Supervised By :mohammad ahmed 01/31/2022



#87
Indeno(1,2,3-cd)pyrene
Concen: 10.863 ng
RT: 26.239 min Scan# 3953
Delta R.T. -0.041 min
Lab File: BP008957.D
Acq: 27 Jan 2022 21:23

Tgt Ion:276 Resp: 1190049
Ion Ratio Lower Upper
276 100
138 18.5 17.8 26.6
277 24.8 20.4 30.6





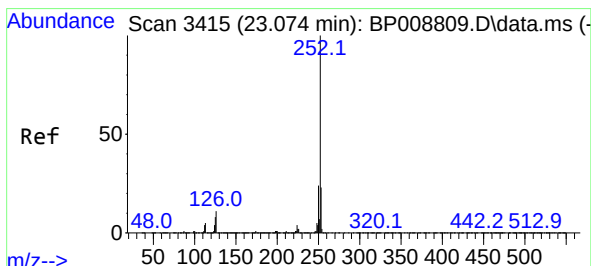
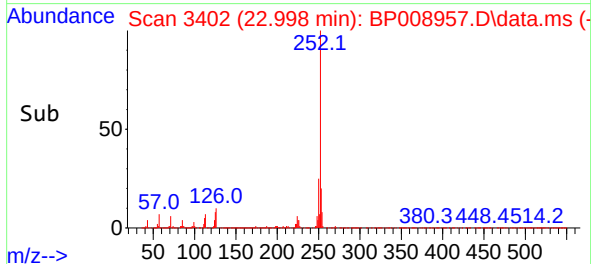
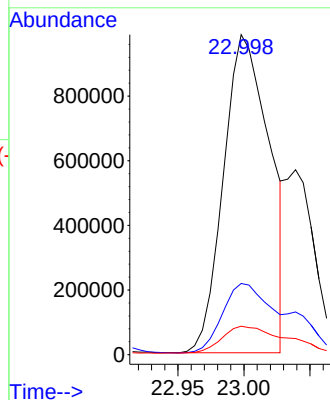
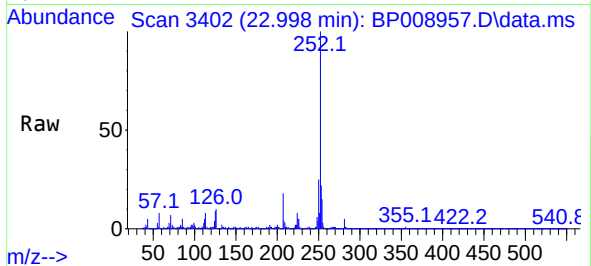
#88
Benzo(b)fluoranthene
Concen: 26.877 ng m
RT: 22.998 min Scan# 3407
Delta R.T. -0.018 min
Lab File: BP008957.D
Acq: 27 Jan 2022 21:23

Instrument :
BNA_P
ClientSampleId :
RMR-CON

Tgt Ion:252 Resp: 238635
Ion Ratio Lower Upper
252 100
253 22.3 18.0 27.0
125 8.9 6.9 10.3

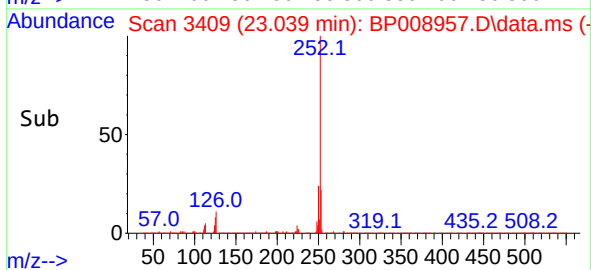
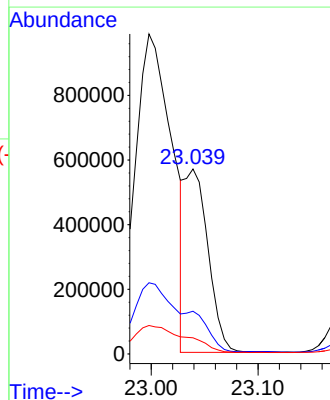
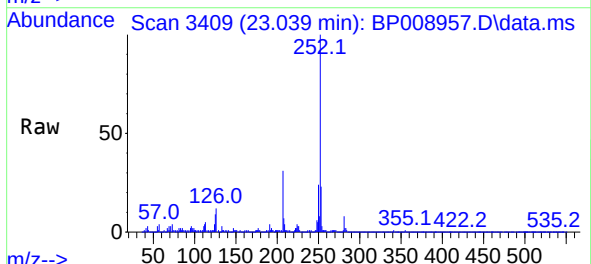
Manual Integrations
APPROVED

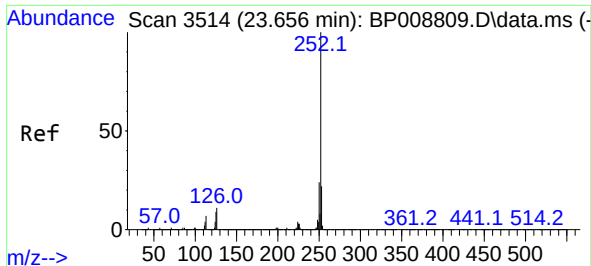
Reviewed By :Jagrut Upadhyay 01/28/2022
Supervised By :mohammad ahmed 01/31/2022



#89
Benzo(k)fluoranthene
Concen: 9.963 ng m
RT: 23.039 min Scan# 3409
Delta R.T. -0.024 min
Lab File: BP008957.D
Acq: 27 Jan 2022 21:23

Tgt Ion:252 Resp: 856263
Ion Ratio Lower Upper
252 100
253 23.1 18.2 27.2
125 8.7 7.3 10.9





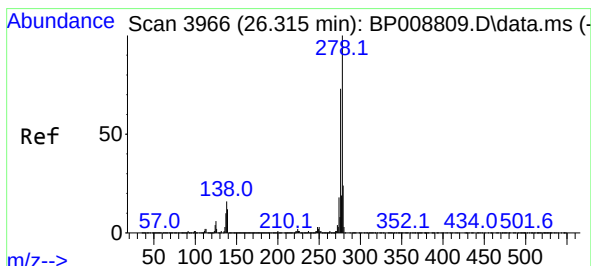
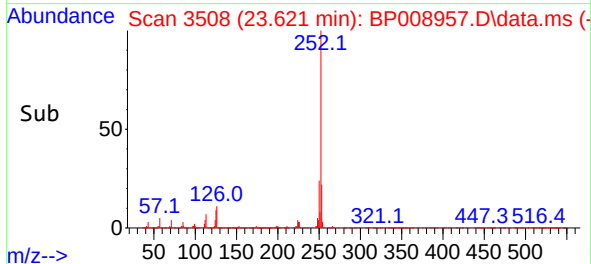
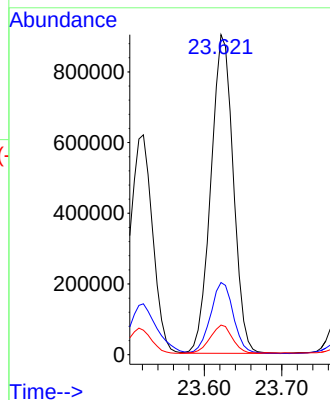
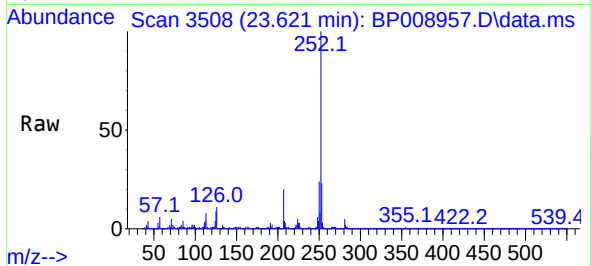
#90
Benzo(a)pyrene
Concen: 21.083 ng
RT: 23.621 min Scan# 31
Delta R.T. -0.024 min
Lab File: BP008957.D
Acq: 27 Jan 2022 21:23

Instrument :
BNA_P
ClientSampleId :
RMR-CON

Tgt Ion:252 Resp: 1806820
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 9.3 7.8 11.6

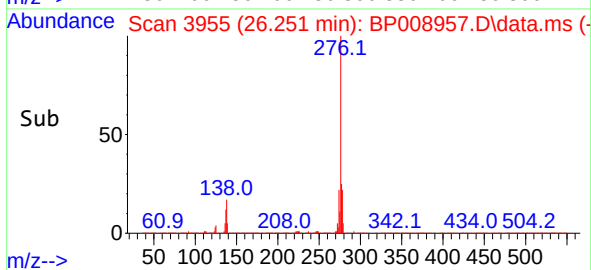
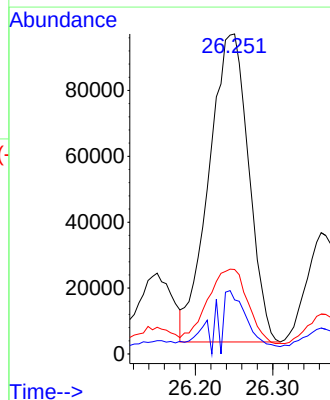
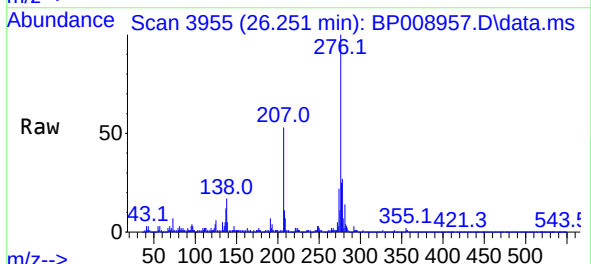
Manual Integrations
APPROVED

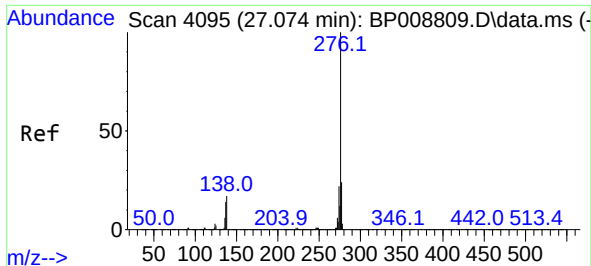
Reviewed By :Jagrut Upadhyay 01/28/2022
Supervised By :mohammad ahmed 01/31/2022



#91
Dibenzo(a,h)anthracene
Concen: 3.574 ng
RT: 26.251 min Scan# 3955
Delta R.T. -0.047 min
Lab File: BP008957.D
Acq: 27 Jan 2022 21:23

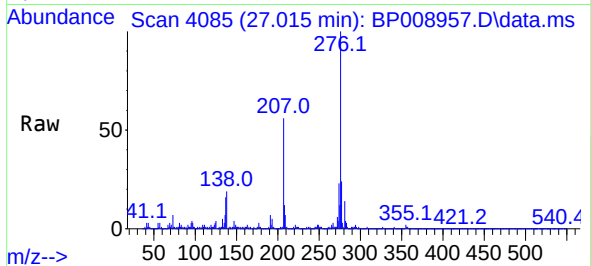
Tgt Ion:278 Resp: 332904
Ion Ratio Lower Upper
278 100
139 16.9 11.5 17.3
279 26.4 19.1 28.7





#92
Benzo(g,h,i)perylene
Concen: 12.918 ng
RT: 27.015 min Scan# 40
Delta R.T. -0.035 min
Lab File: BP008957.D
Acq: 27 Jan 2022 21:23

Instrument :
BNA_P
ClientSampleId :
RMR-CON



Tgt Ion:276 Resp: 1174938
Ion Ratio Lower Upper
276 100
277 24.3 19.2 28.8
138 18.7 15.0 22.4

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 01/28/2022
Supervised By :mohammad ahmed 01/31/2022

