

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011722\
 Data File : BP008828.D
 Acq On : 17 Jan 2022 17:35
 Operator : CG/JU
 Sample : N1144-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RO-ETGI-352

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/18/2022
 Supervised By : Jagrut Upadhyay 01/18/2022

Quant Time: Jan 18 03:43:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 14 18:05:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	372477	20.000	ng	0.00
21) Naphthalene-d8	10.651	136	1469668	20.000	ng	0.00
39) Acenaphthene-d10	14.492	164	963239	20.000	ng	0.00
64) Phenanthrene-d10	17.245	188	1999107	20.000	ng	0.00
76) Chrysene-d12	21.339	240	1535502	20.000	ng	0.00
86) Perylene-d12	23.762	264	1455120	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	2465729	102.370	ng	0.00
7) Phenol-d6	7.028	99	3085902	105.800	ng	0.00
23) Nitrobenzene-d5	9.010	82	1885262	72.828	ng	0.00
42) 2,4,6-Tribromophenol	15.986	330	1489849	106.259	ng	0.00
45) 2-Fluorobiphenyl	13.116	172	4734032	64.812	ng	0.00
79) Terphenyl-d14	19.810	244	6552425	72.029	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.286	178	548829	4.876	ng	98
75) Fluoranthene	19.257	202	1190377	9.510	ng	97
78) Pyrene	19.610	202	1110572	10.366	ng	98
81) Benzo(a)anthracene	21.321	228	468931	4.539	ng	99
83) Chrysene	21.374	228	480042	4.794	ng	97
84) Bis(2-ethylhexyl)phtha...	21.257	149	339505	5.088	ng	97
87) Indeno(1,2,3-cd)pyrene	26.292	276	304630	2.541	ng	96
88) Benzo(b)fluoranthene	23.027	252	608806	6.265	ng	# 91
89) Benzo(k)fluoranthene	23.068	252	217544m	2.313	ng	
90) Benzo(a)pyrene	23.657	252	401252	4.278	ng	96
92) Benzo(g,h,i)perylene	27.062	276	308140	3.095	ng	96

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

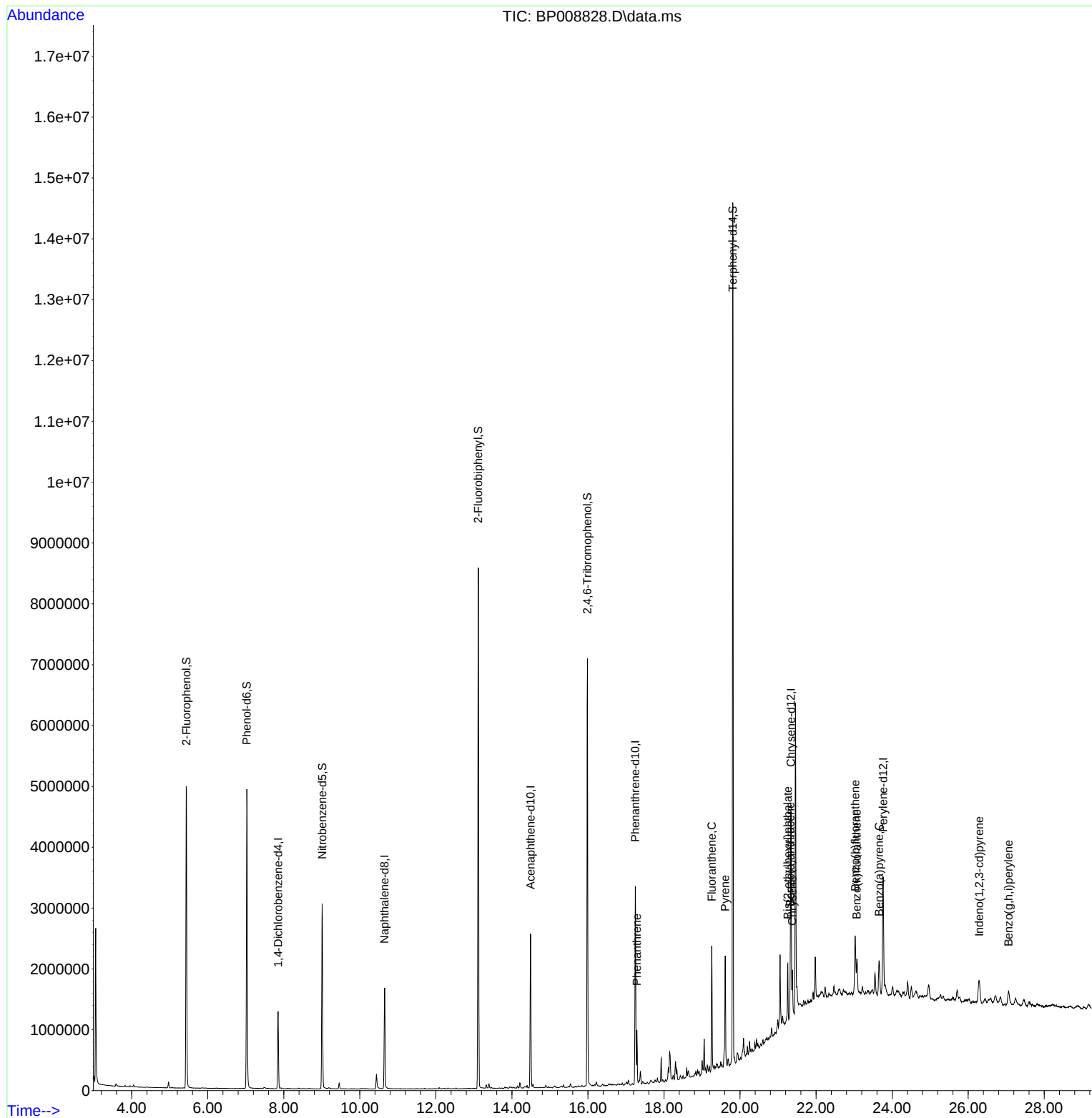
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011722\
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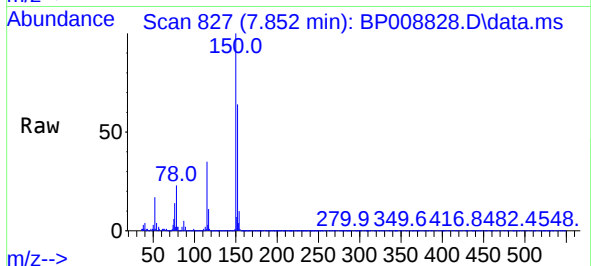
Reviewed By :Christian Giraldo 01/18/2022
Supervised By :Jagrut Upadhyay 01/18/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.852 min Scan# 81
Delta R.T. -0.005 min
Lab File: BP008828.D
Acq: 17 Jan 2022 17:35

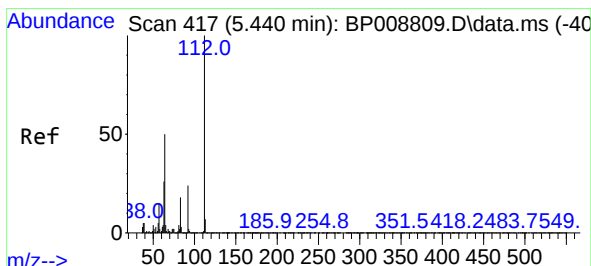
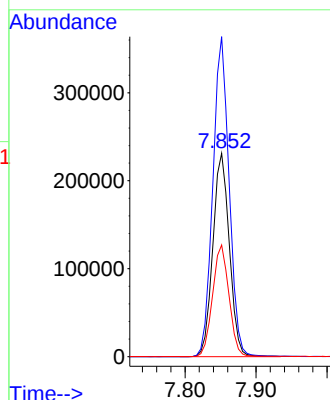
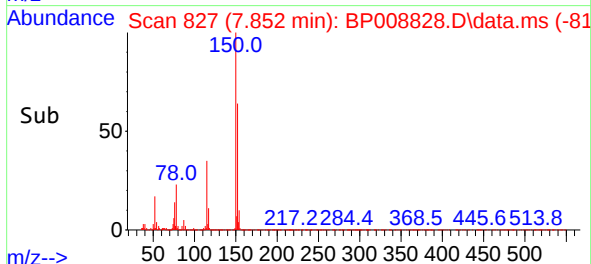
Instrument :
BNA_P
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RO-ETGI-352



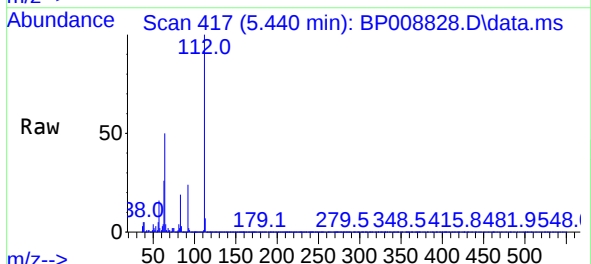
Tgt Ion:152 Resp: 37247
Ion Ratio Lower Upper
152 100
150 157.3 127.0 190.6
115 54.9 43.7 65.5

Manual Integrations
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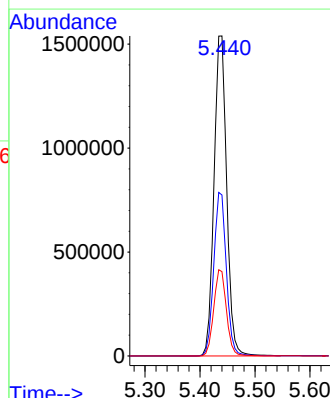
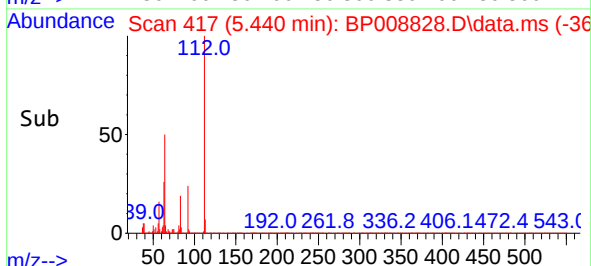
Reviewed By :Christian Giraldo 01/18/2022
Supervised By :Jagrut Upadhyay 01/18/2022

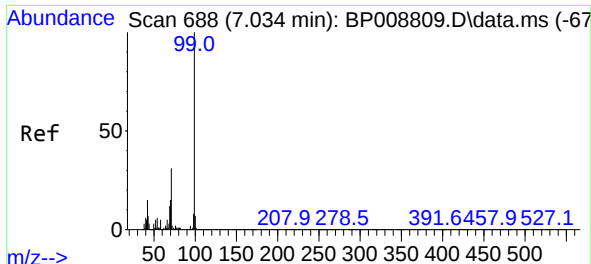


#5
2-Fluorophenol
Concen: 102.370 ng
RT: 5.440 min Scan# 417
Delta R.T. 0.000 min
Lab File: BP008828.D
Acq: 17 Jan 2022 17:35



Tgt Ion:112 Resp: 2465729
Ion Ratio Lower Upper
112 100
64 50.3 39.7 59.5
63 26.3 20.0 30.0





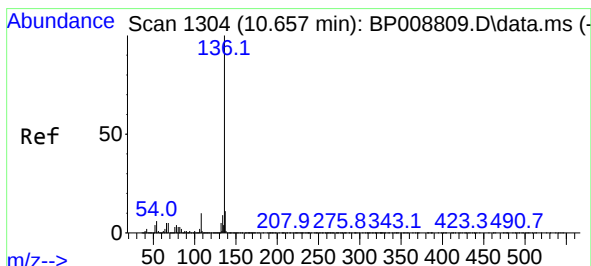
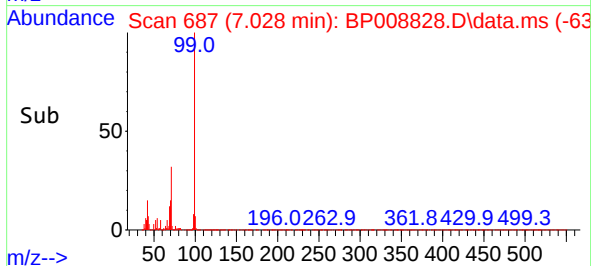
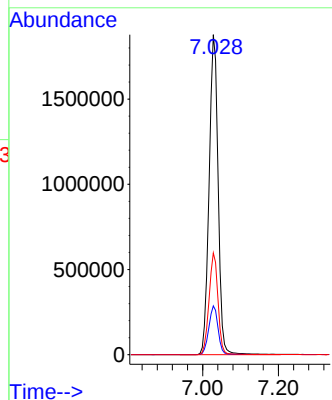
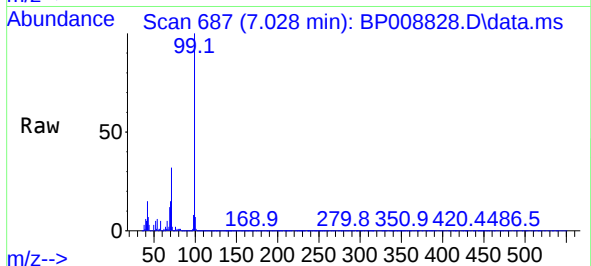
#7
Phenol-d6
Concen: 105.800 ng
RT: 7.028 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP008828.D
Acq: 17 Jan 2022 17:35

Instrument :
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ClientSampleId :
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Tgt Ion: 99 Resp: 308590
Ion Ratio Lower Upper
99 100
42 15.3 10.8 16.2
71 31.8 23.8 35.6

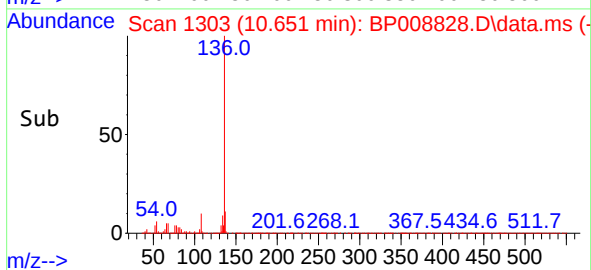
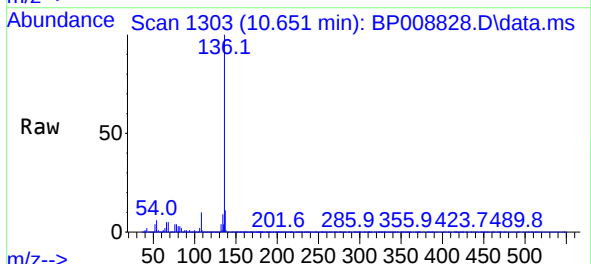
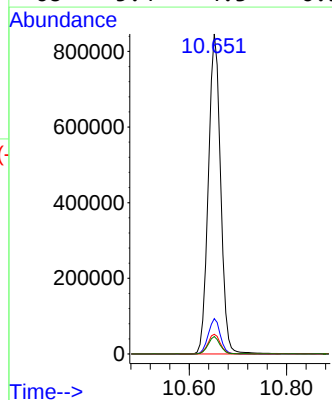
Manual Integrations
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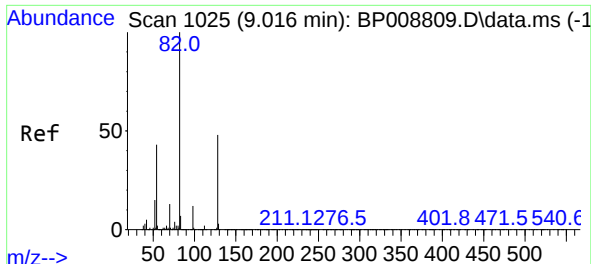
Reviewed By :Christian Giraldo 01/18/2022
Supervised By :Jagrut Upadhyay 01/18/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.651 min Scan# 1303
Delta R.T. -0.006 min
Lab File: BP008828.D
Acq: 17 Jan 2022 17:35

Tgt Ion:136 Resp: 1469668
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 6.1 4.9 7.3
68 5.4 4.3 6.5





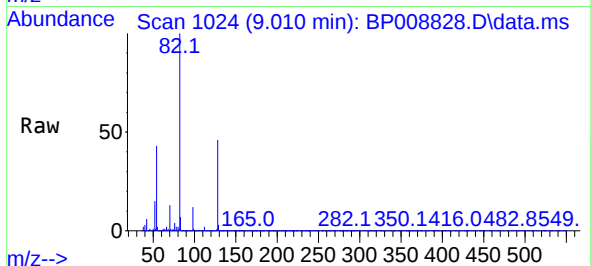
#23
Nitrobenzene-d5
Concen: 72.828 ng
RT: 9.010 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BP008828.D
Acq: 17 Jan 2022 17:35

Instrument :

BNA_P

ClientSampleId :

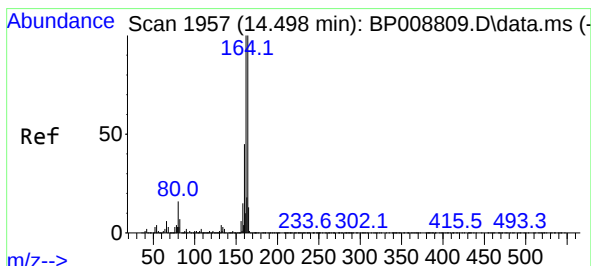
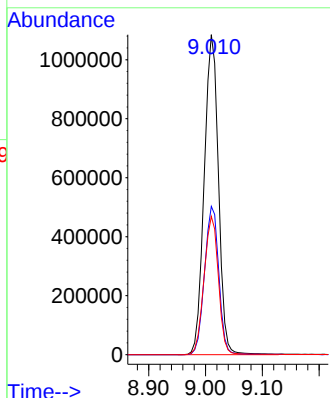
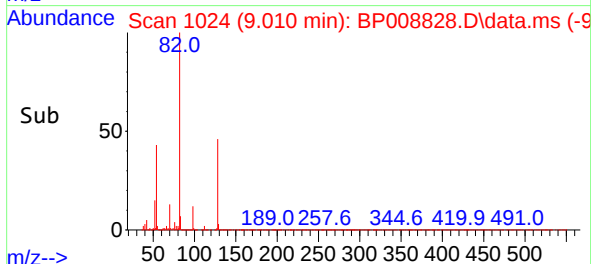
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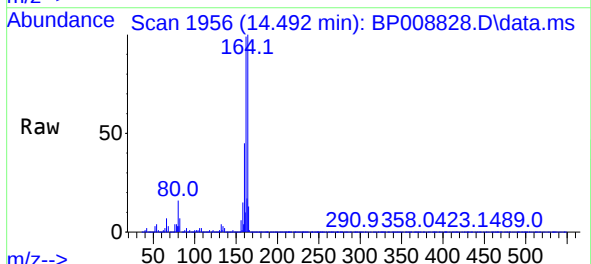
Tgt Ion: 82 Resp: 188526
Ion Ratio Lower Upper
82 100
128 46.3 39.4 59.2
54 43.2 32.6 48.8

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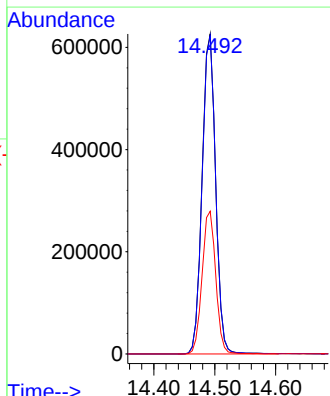
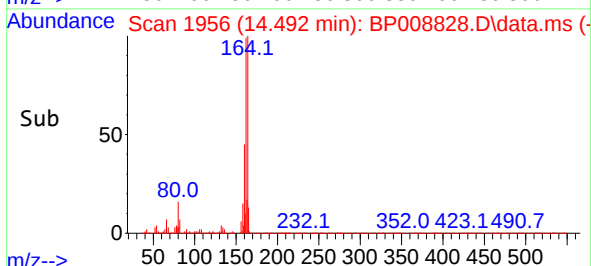
Reviewed By :Christian Giraldo 01/18/2022
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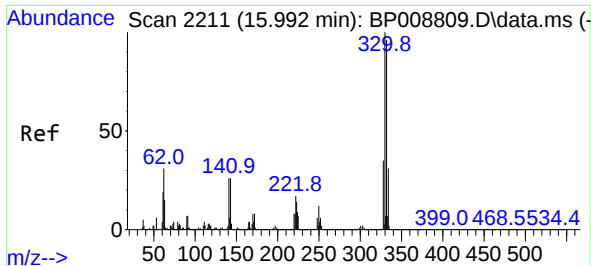


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.492 min Scan# 1956
Delta R.T. -0.006 min
Lab File: BP008828.D
Acq: 17 Jan 2022 17:35



Tgt Ion:164 Resp: 963239
Ion Ratio Lower Upper
164 100
162 99.5 79.9 119.9
160 44.6 35.5 53.3





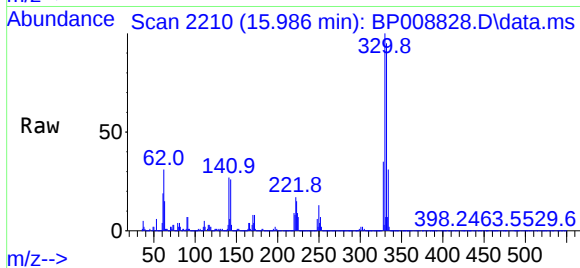
#42
2,4,6-Tribromophenol
Concen: 106.259 ng
RT: 15.986 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP008828.D
Acq: 17 Jan 2022 17:35

Instrument :

BNA_P

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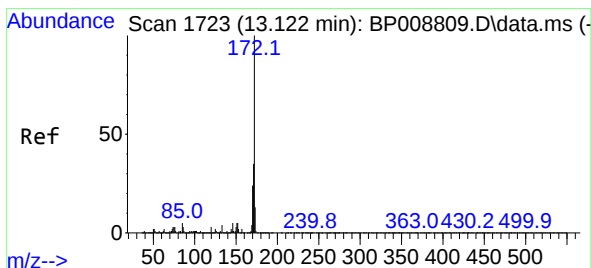
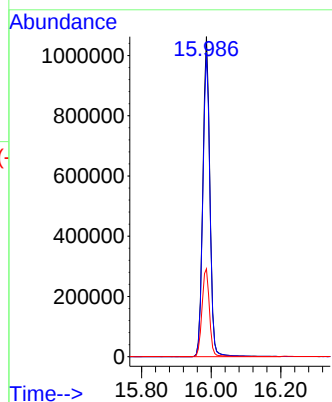
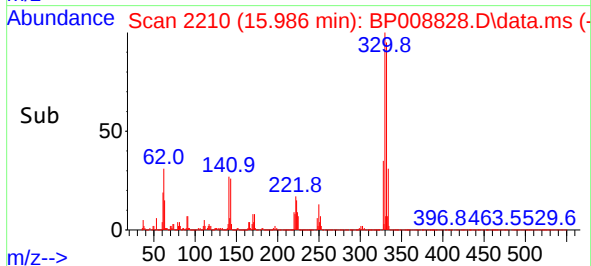


Tgt Ion:330 Resp: 1489849
Ion Ratio Lower Upper
330 100
332 96.0 77.0 115.4
141 29.1 21.3 31.9

Manual Integrations

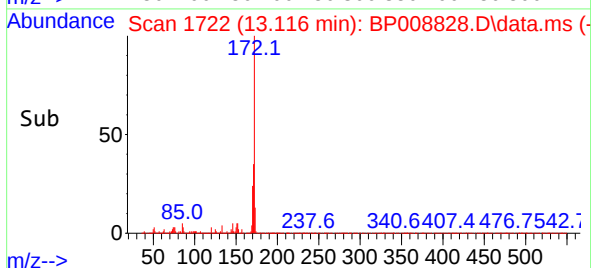
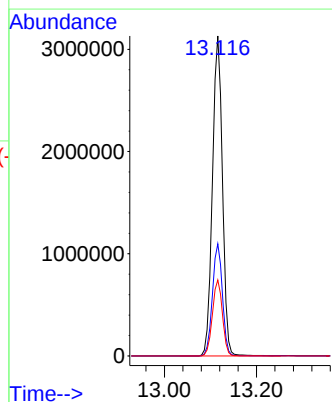
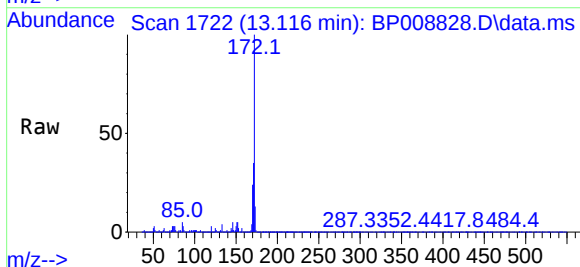
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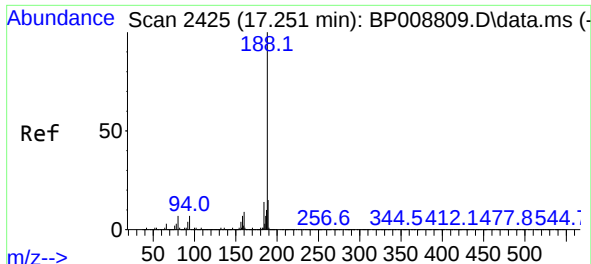
Reviewed By :Christian Giraldo 01/18/2022
Supervised By :Jagrut Upadhyay 01/18/2022



#45
2-Fluorobiphenyl
Concen: 64.812 ng
RT: 13.116 min Scan# 1722
Delta R.T. -0.006 min
Lab File: BP008828.D
Acq: 17 Jan 2022 17:35

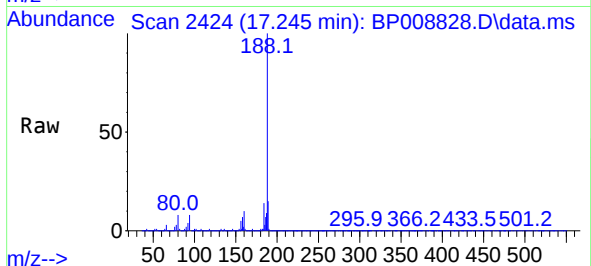
Tgt Ion:172 Resp: 4734032
Ion Ratio Lower Upper
172 100
171 35.1 29.3 43.9
170 23.7 19.5 29.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.245 min Scan# 2425
Delta R.T. -0.006 min
Lab File: BP008828.D
Acq: 17 Jan 2022 17:35

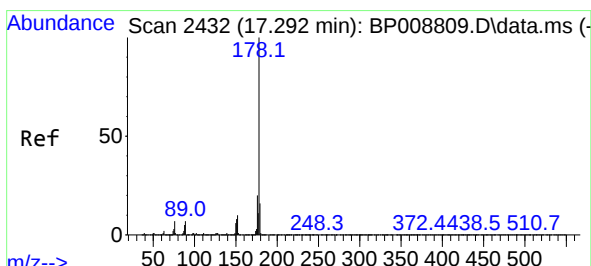
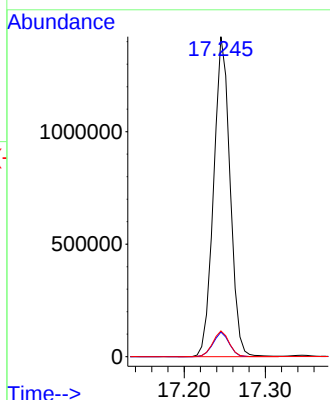
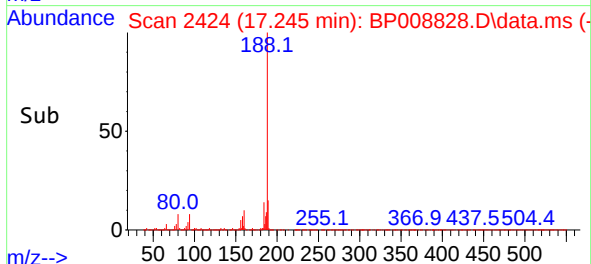
Instrument :
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RO-ETGI-352



Tgt Ion:188 Resp: 199910
Ion Ratio Lower Upper
188 100
94 7.7 6.8 10.2
80 8.1 7.2 10.8

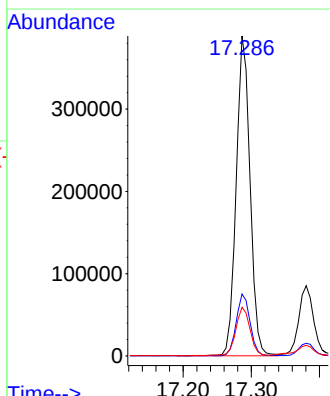
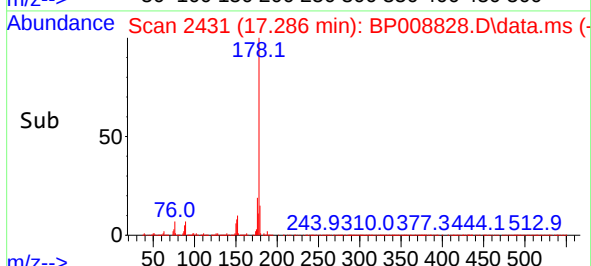
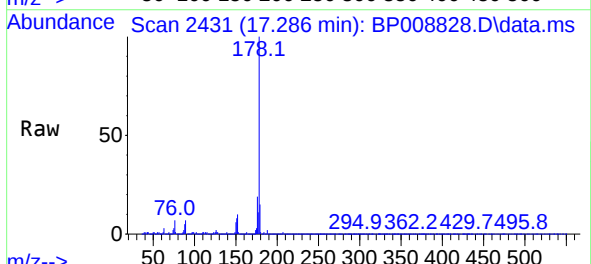
Manual Integrations
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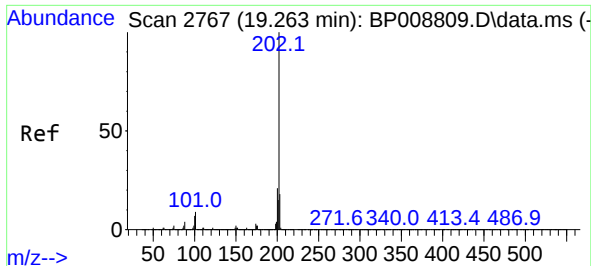
Reviewed By :Christian Giraldo 01/18/2022
Supervised By :Jagrut Upadhyay 01/18/2022



#71
Phenanthrene
Concen: 4.876 ng
RT: 17.286 min Scan# 2431
Delta R.T. -0.006 min
Lab File: BP008828.D
Acq: 17 Jan 2022 17:35

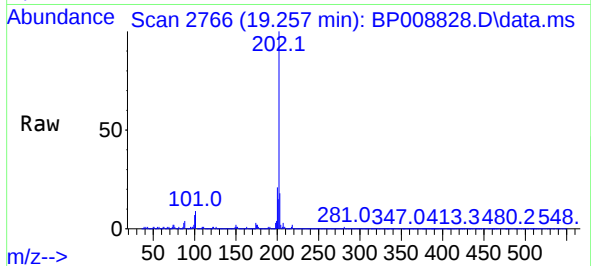
Tgt Ion:178 Resp: 548829
Ion Ratio Lower Upper
178 100
176 19.4 16.0 24.0
179 15.2 13.0 19.4





#75
Fluoranthene
Concen: 9.510 ng
RT: 19.257 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP008828.D
Acq: 17 Jan 2022 17:35

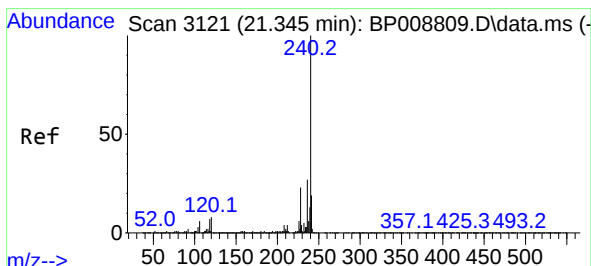
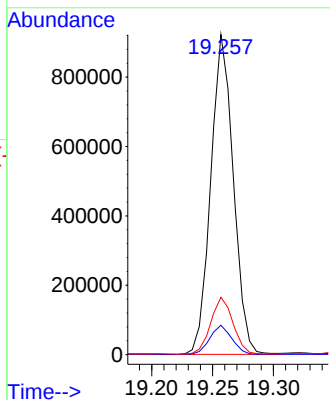
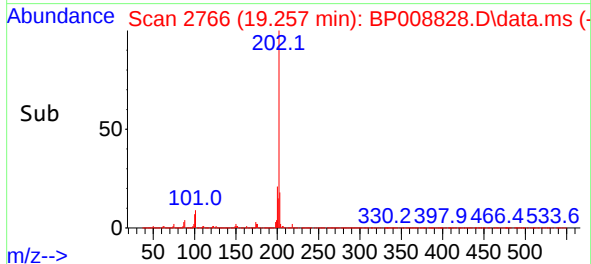
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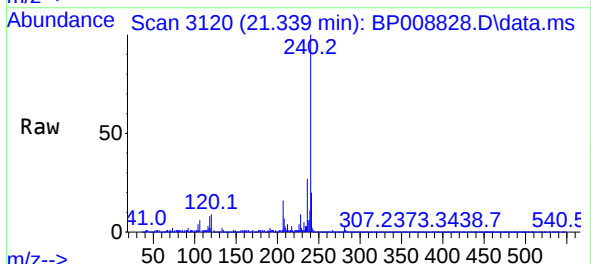
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Ion Ratio Lower Upper
202 100
101 9.2 0.0 30.7
203 18.0 0.0 38.9

Manual Integrations
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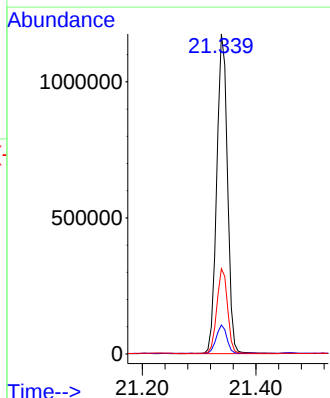
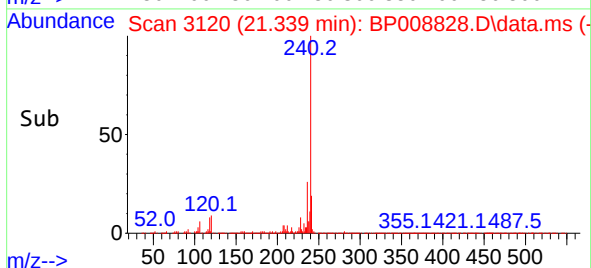
Reviewed By :Christian Giraldo 01/18/2022
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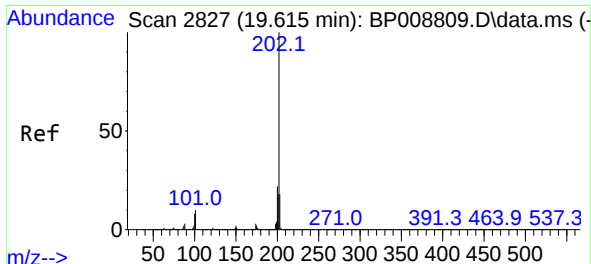


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.339 min Scan# 3120
Delta R.T. -0.006 min
Lab File: BP008828.D
Acq: 17 Jan 2022 17:35



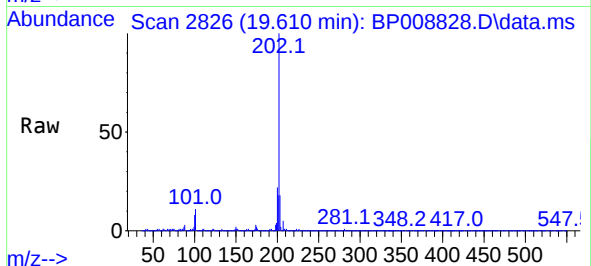
Tgt Ion:240 Resp: 1535502
Ion Ratio Lower Upper
240 100
120 9.0 7.7 11.5
236 26.6 21.2 31.8





#78
Pyrene
Concen: 10.366 ng
RT: 19.610 min Scan# 2827
Delta R.T. -0.006 min
Lab File: BP008828.D
Acq: 17 Jan 2022 17:35

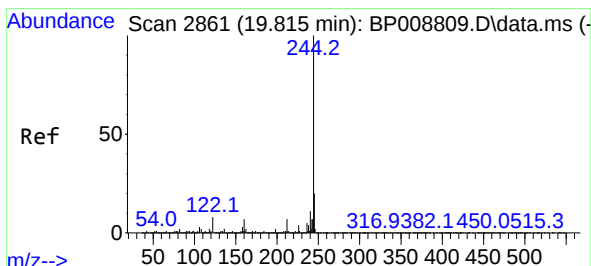
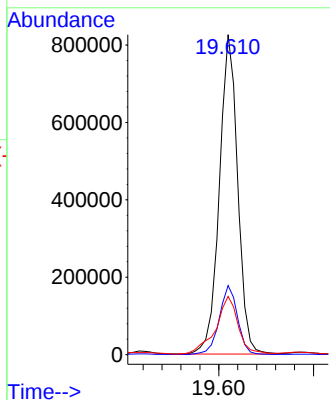
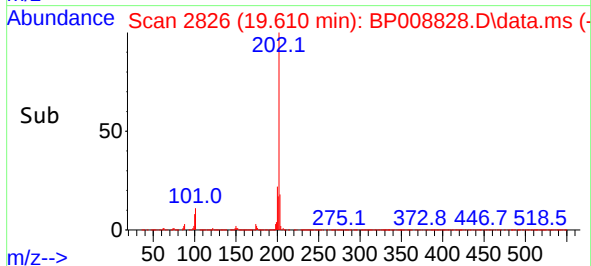
Instrument :
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RO-ETGI-352



Tgt Ion:202 Resp: 1110572
Ion Ratio Lower Upper
202 100
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203 18.2 15.0 22.6

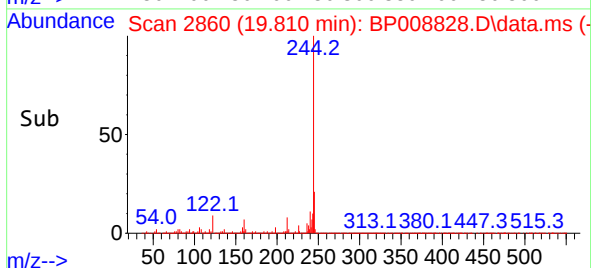
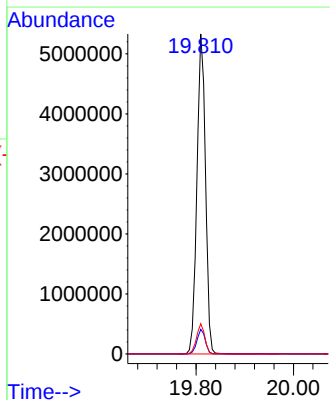
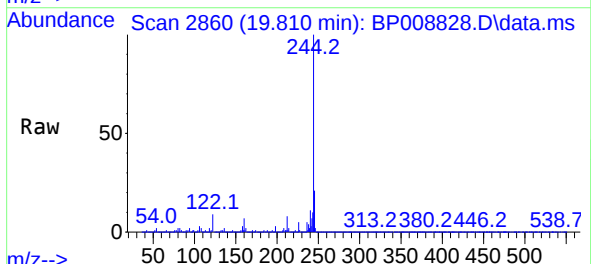
Manual Integrations
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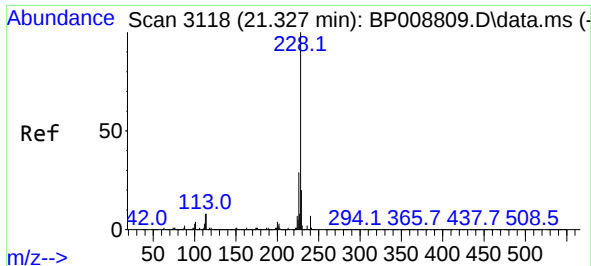
Reviewed By :Christian Giraldo 01/18/2022
Supervised By :Jagrut Upadhyay 01/18/2022



#79
Terphenyl-d14
Concen: 72.029 ng
RT: 19.810 min Scan# 2860
Delta R.T. -0.006 min
Lab File: BP008828.D
Acq: 17 Jan 2022 17:35

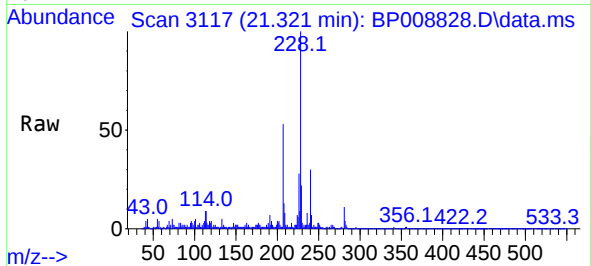
Tgt Ion:244 Resp: 6552425
Ion Ratio Lower Upper
244 100
212 7.7 6.5 9.7
122 9.5 9.2 13.8





#81
Benzo(a)anthracene
Concen: 4.539 ng
RT: 21.321 min Scan# 3118
Delta R.T. -0.006 min
Lab File: BP008828.D
Acq: 17 Jan 2022 17:35

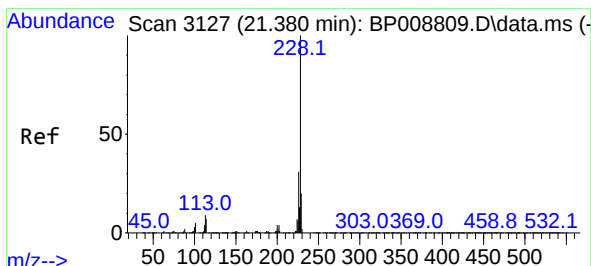
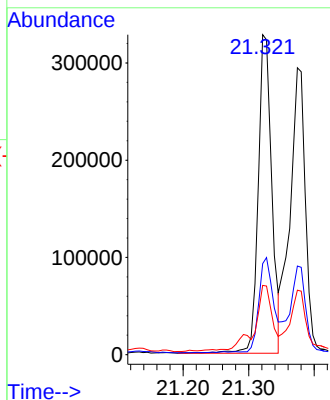
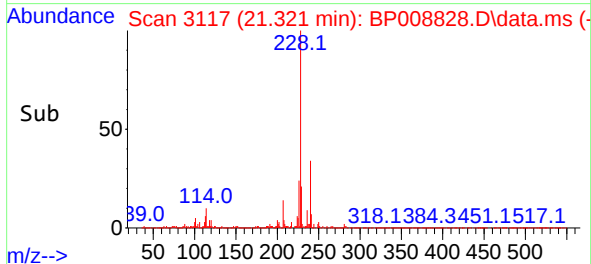
Instrument :
BNA_P
ClientSampleId :
RO-ETGI-352



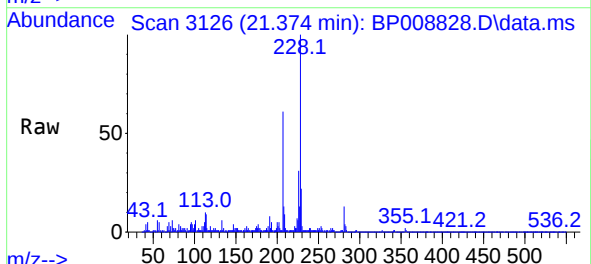
Tgt Ion:228 Resp: 46893
Ion Ratio Lower Upper
228 100
226 28.5 23.3 34.9
229 21.7 17.0 25.6

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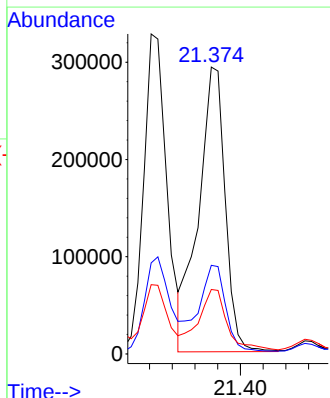
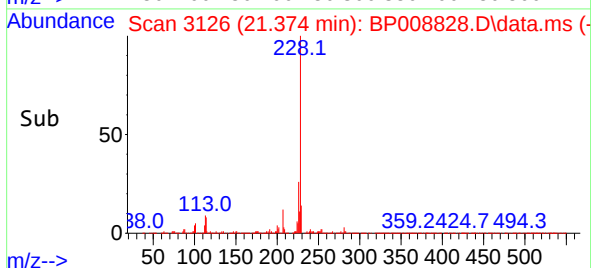
Reviewed By :Christian Giraldo 01/18/2022
Supervised By :Jagrut Upadhyay 01/18/2022

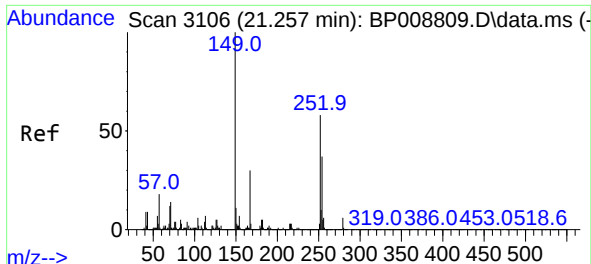


#83
Chrysene
Concen: 4.794 ng
RT: 21.374 min Scan# 3126
Delta R.T. -0.006 min
Lab File: BP008828.D
Acq: 17 Jan 2022 17:35



Tgt Ion:228 Resp: 480042
Ion Ratio Lower Upper
228 100
226 30.9 26.0 39.0
229 22.5 16.9 25.3





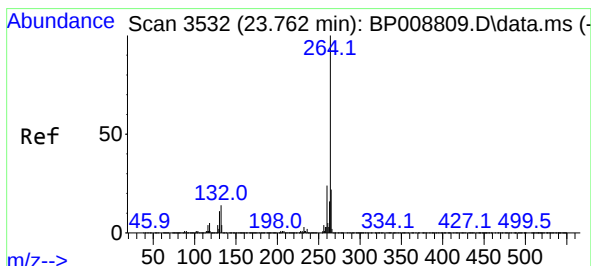
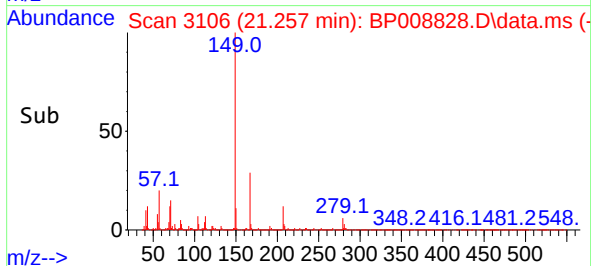
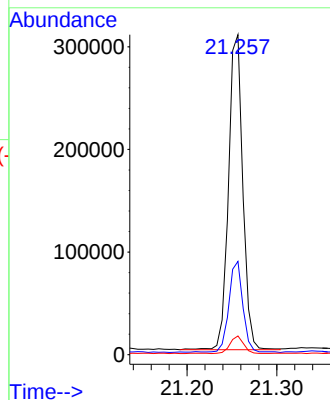
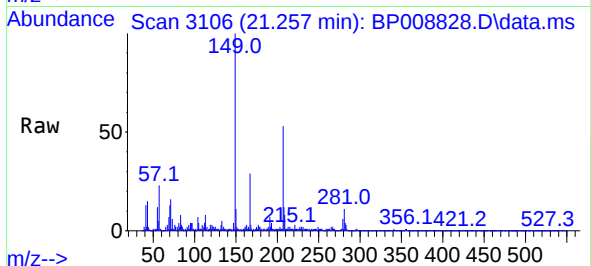
#84
Bis(2-ethylhexyl)phthalate
Concen: 5.088 ng
RT: 21.257 min Scan# 3106
Delta R.T. 0.000 min
Lab File: BP008828.D
Acq: 17 Jan 2022 17:35

Instrument :
BNA_P
ClientSampleId :
RO-ETGI-352

Tgt Ion:149 Resp: 339500
Ion Ratio Lower Upper
149 100
167 29.2 25.0 37.4
279 5.9 4.8 7.2

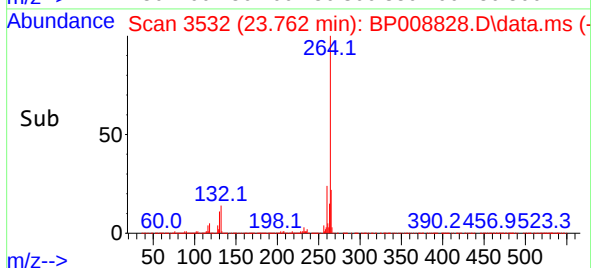
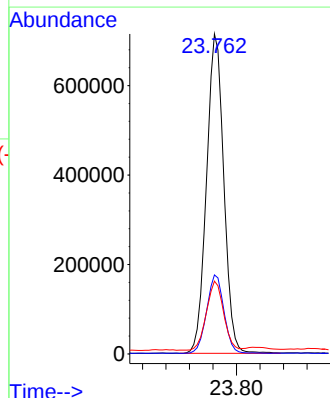
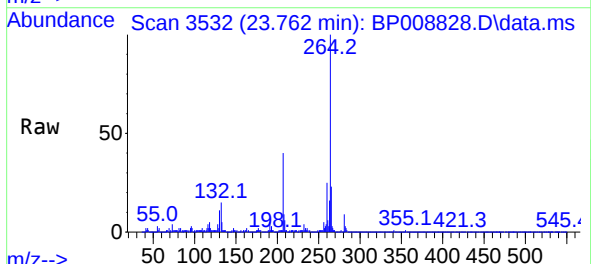
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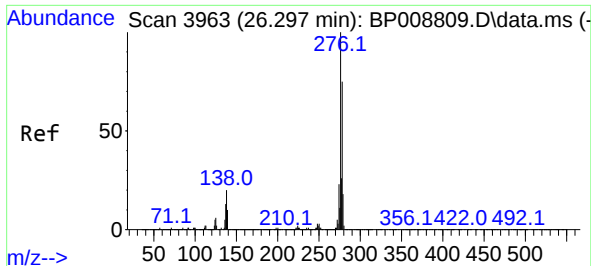
Reviewed By :Christian Giraldo 01/18/2022
Supervised By :Jagrut Upadhyay 01/18/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.762 min Scan# 3532
Delta R.T. 0.000 min
Lab File: BP008828.D
Acq: 17 Jan 2022 17:35

Tgt Ion:264 Resp: 1455120
Ion Ratio Lower Upper
264 100
260 24.7 19.1 28.7
265 22.8 17.1 25.7





#87
Indeno(1,2,3-cd)pyrene
Concen: 2.541 ng
RT: 26.292 min Scan# 3963
Delta R.T. -0.006 min
Lab File: BP008828.D
Acq: 17 Jan 2022 17:35

Instrument :

BNA_P

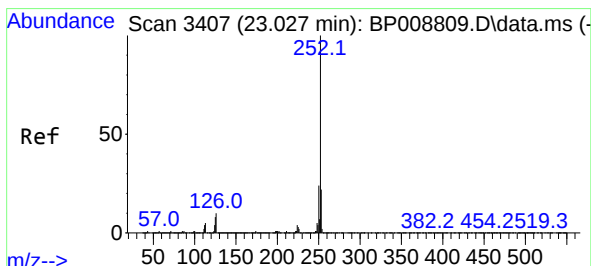
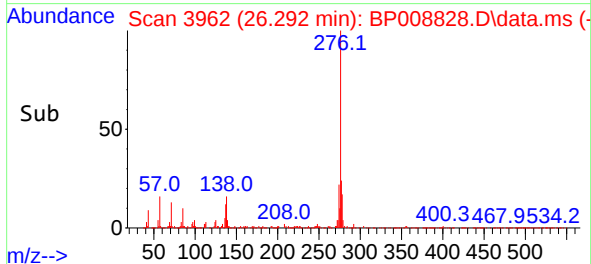
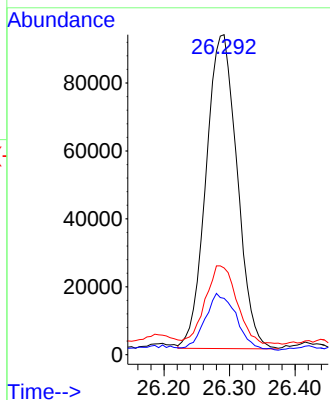
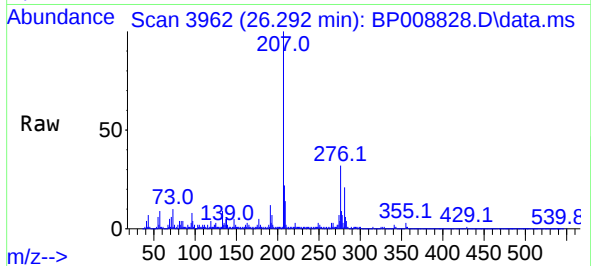
ClientSampleId :

RO-ETGI-352

Tgt Ion:276 Resp: 304630
Ion Ratio Lower Upper
276 100
138 18.4 17.8 26.6
277 25.3 20.4 30.6

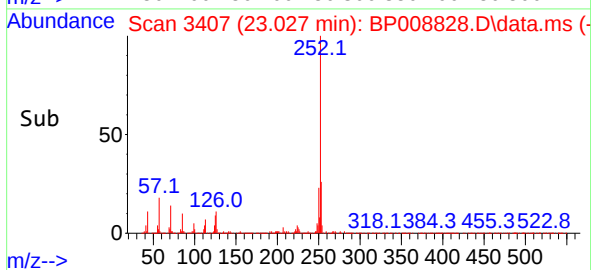
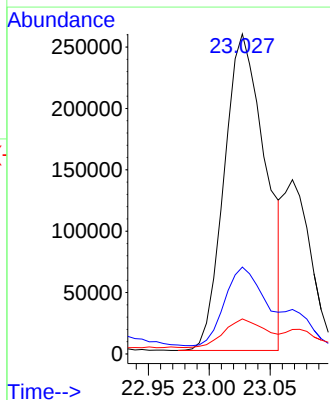
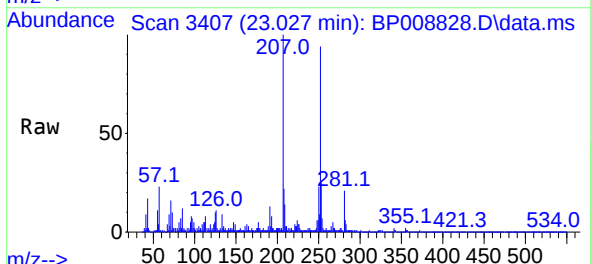
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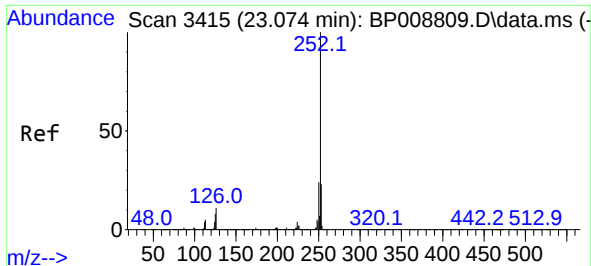
Reviewed By :Christian Giraldo 01/18/2022
Supervised By :Jagrut Upadhyay 01/18/2022



#88
Benzo(b)fluoranthene
Concen: 6.265 ng
RT: 23.027 min Scan# 3407
Delta R.T. 0.000 min
Lab File: BP008828.D
Acq: 17 Jan 2022 17:35

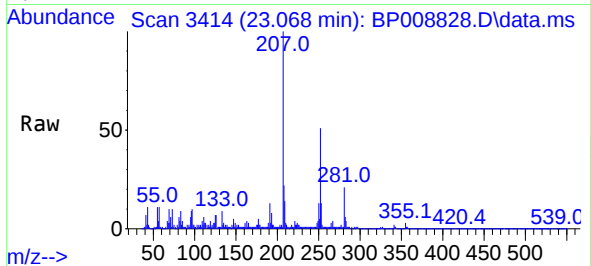
Tgt Ion:252 Resp: 608806
Ion Ratio Lower Upper
252 100
253 27.2 18.0 27.0#
125 11.0 6.9 10.3#





#89
Benzo(k)fluoranthene
Concen: 2.313 ng m
RT: 23.068 min Scan# 3415
Delta R.T. -0.006 min
Lab File: BP008828.D
Acq: 17 Jan 2022 17:35

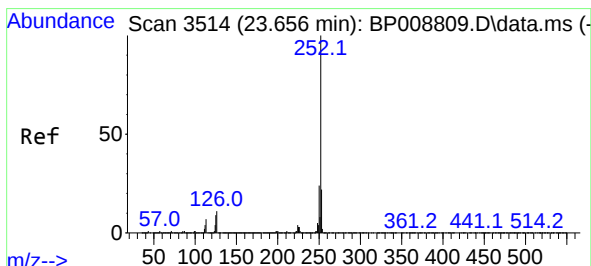
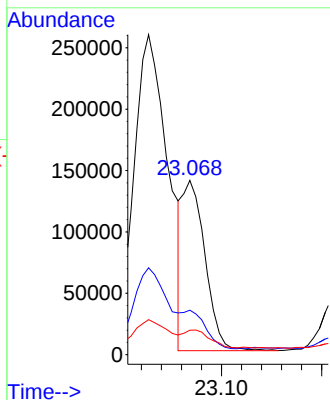
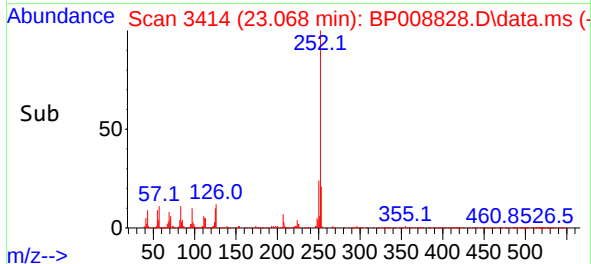
Instrument :
BNA_P
ClientSampleId :
RO-ETGI-352



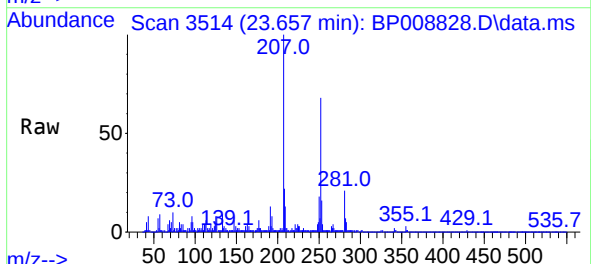
Tgt Ion:252 Resp: 217544
Ion Ratio Lower Upper
252 100
253 25.5 18.2 27.2
125 14.0 7.3 10.9

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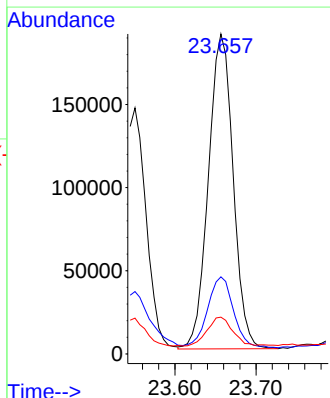
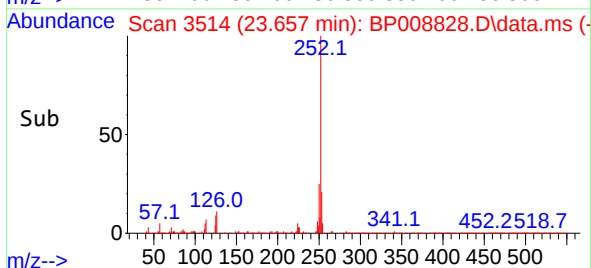
Reviewed By :Christian Giraldo 01/18/2022
Supervised By :Jagrut Upadhyay 01/18/2022

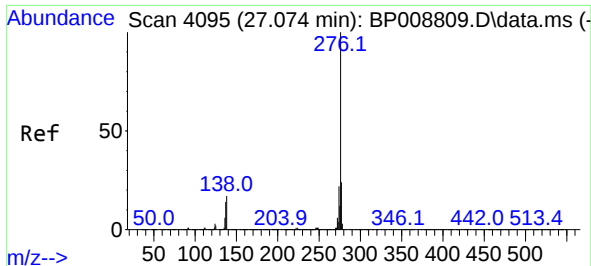


#90
Benzo(a)pyrene
Concen: 4.278 ng
RT: 23.657 min Scan# 3514
Delta R.T. 0.000 min
Lab File: BP008828.D
Acq: 17 Jan 2022 17:35



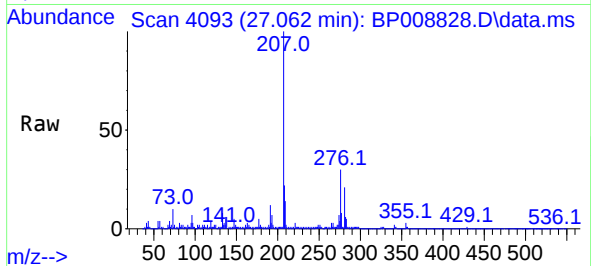
Tgt Ion:252 Resp: 401252
Ion Ratio Lower Upper
252 100
253 24.1 17.8 26.8
125 11.5 7.8 11.6





#92
 Benzo(g,h,i)perylene
 Concen: 3.095 ng
 RT: 27.062 min Scan# 4093
 Delta R.T. -0.012 min
 Lab File: BP008828.D
 Acq: 17 Jan 2022 17:35

Instrument :
 BNA_P
 ClientSampleId :
 RO-ETGI-352



Tgt Ion: 276 Resp: 308140
 Ion Ratio Lower Upper
 276 100
 277 27.1 19.2 28.8
 138 18.8 15.0 22.4

Manual Integrations
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Reviewed By : Christian Giraldo 01/18/2022
 Supervised By : Jagrut Upadhyay 01/18/2022

