

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013122\
 Data File : BP008971.D
 Acq On : 31 Jan 2022 18:37
 Operator : CG/JU
 Sample : N1303-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CC-8

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/01/2022
 Supervised By : Jagrut Upadhyay 02/01/2022

Quant Time: Feb 01 04:21:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 01 04:16:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	200759	20.000	ng	0.00
21) Naphthalene-d8	10.628	136	713883	20.000	ng	0.00
39) Acenaphthene-d10	14.469	164	421978	20.000	ng	0.00
64) Phenanthrene-d10	17.222	188	913202	20.000	ng	-0.01
76) Chrysene-d12	21.316	240	1122513	20.000	ng	-0.01
86) Perylene-d12	23.721	264	1269334	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1025	0.079	ng	0.01
7) Phenol-d6	7.022	99	37915	2.412	ng	0.00
23) Nitrobenzene-d5	8.987	82	1003342	79.794	ng	-0.01
42) 2,4,6-Tribromophenol	15.945	330	20	0.003	ng	-0.03
45) 2-Fluorobiphenyl	13.093	172	2374430	74.204	ng	0.00
79) Terphenyl-d14	19.786	244	4109154	61.790	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	10.675	128	1317887	33.989	ng	99
37) 2-Methylnaphthalene	12.293	142	157431	5.554	ng	97
38) 1-Methylnaphthalene	12.510	142	86361	3.319	ng	98
58) Fluorene	15.522	166	65887	2.158	ng	100
71) Phenanthrene	17.263	178	740450	14.401	ng	99
72) Anthracene	17.357	178	133682	2.592	ng	99
75) Fluoranthene	19.239	202	886806	15.510	ng	96
78) Pyrene	19.586	202	854498	10.910	ng	98
81) Benzo(a)anthracene	21.304	228	489530	6.482	ng	99
83) Chrysene	21.351	228	509963	6.966	ng	97
87) Indeno(1,2,3-cd)pyrene	26.227	276	316315	3.024	ng	96
88) Benzo(b)fluoranthene	22.992	252	612446	7.225	ng	# 97
89) Benzo(k)fluoranthene	23.033	252	218906m	2.668	ng	
90) Benzo(a)pyrene	23.616	252	435127	5.318	ng	97
92) Benzo(g,h,i)perylene	27.004	276	319919	3.684	ng	100

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

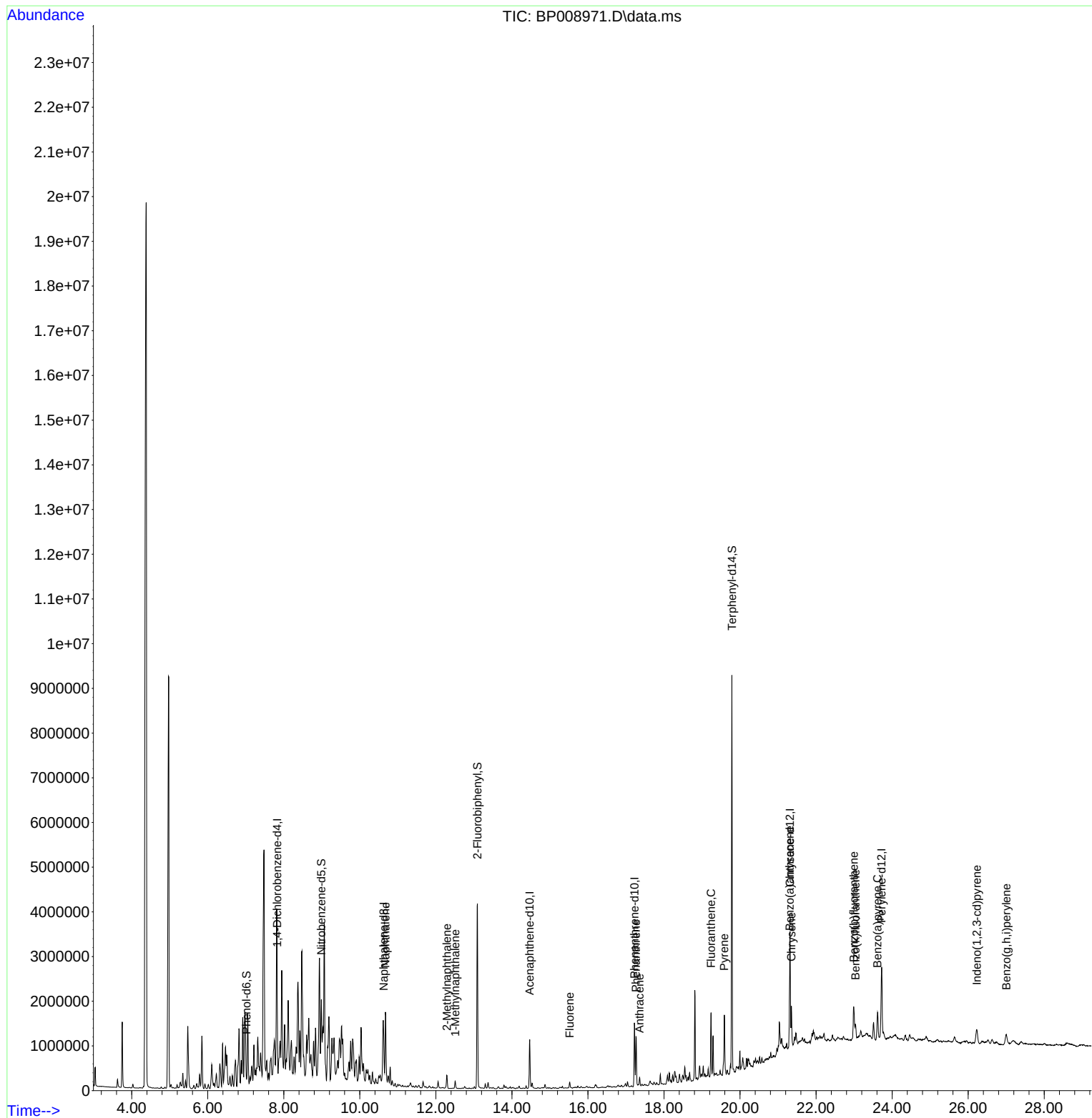
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013122\
Data File : BP008971.D
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Operator : CG/JU
Sample : N1303-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

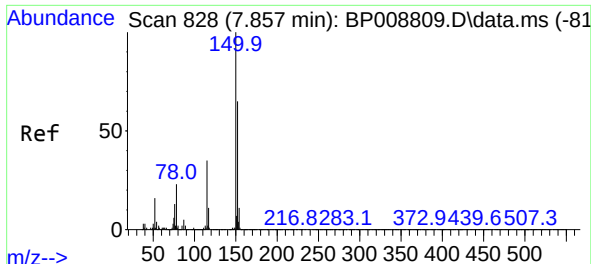
Instrument :
BNA_P
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Quant Time: Feb 01 04:21:29 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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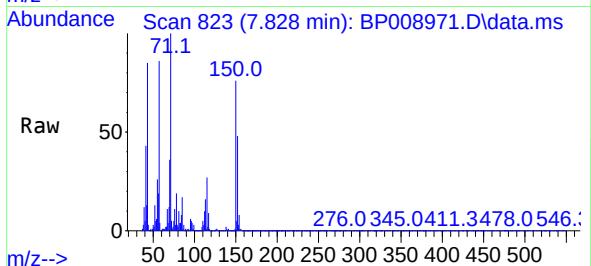
Reviewed By : Christian Giraldo 02/01/2022
Supervised By : Jagrut Upadhyay 02/01/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.828 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP008971.D
Acq: 31 Jan 2022 18:37

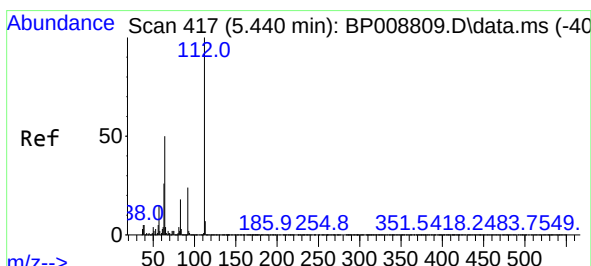
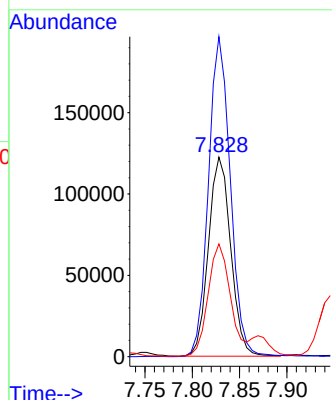
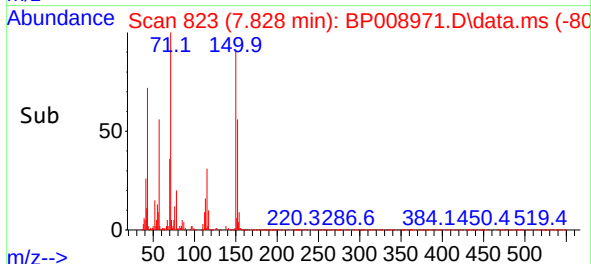
Instrument :
BNA_P
Client Sample Id :
CC-8



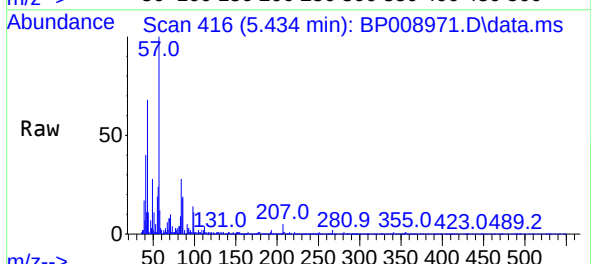
Tgt Ion:152 Resp: 200759
Ion Ratio Lower Upper
152 100
150 160.4 127.0 190.6
115 56.5 43.7 65.5

Manual Integrations
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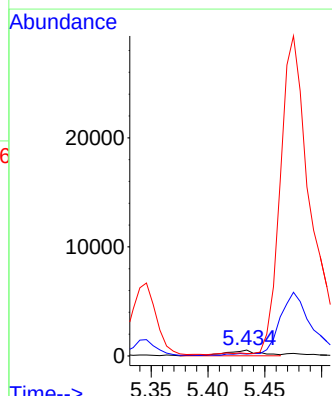
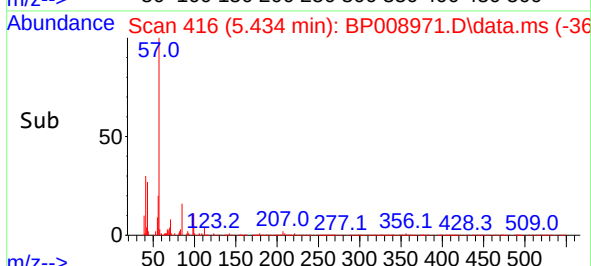
Reviewed By :Christian Giraldo 02/01/2022
Supervised By :Jagrut Upadhyay 02/01/2022

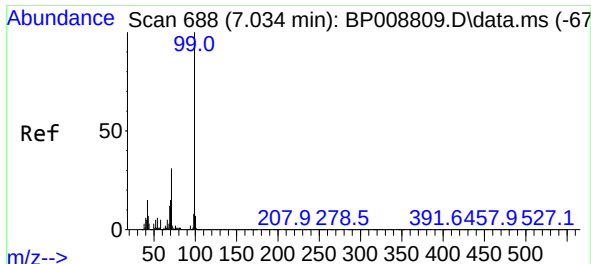


#5
2-Fluorophenol
Concen: 0.079 ng
RT: 5.434 min Scan# 416
Delta R.T. 0.012 min
Lab File: BP008971.D
Acq: 31 Jan 2022 18:37



Tgt Ion:112 Resp: 1025
Ion Ratio Lower Upper
112 100
64 33.3 39.7 59.5#
63 40.3 20.0 30.0#





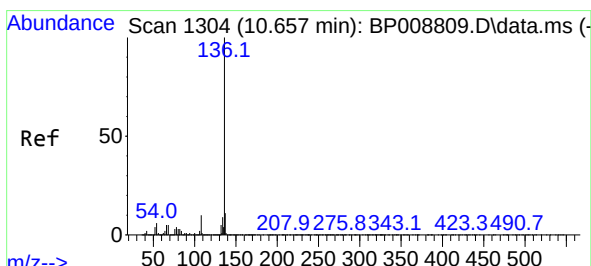
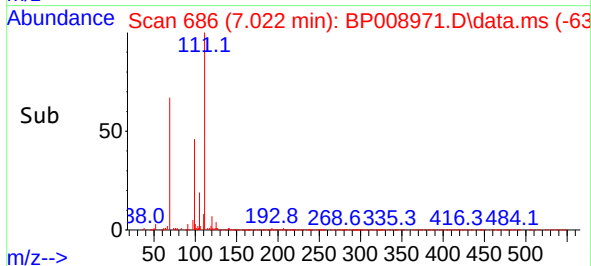
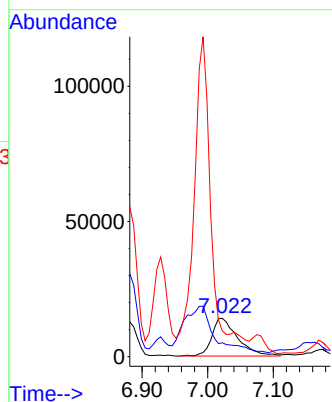
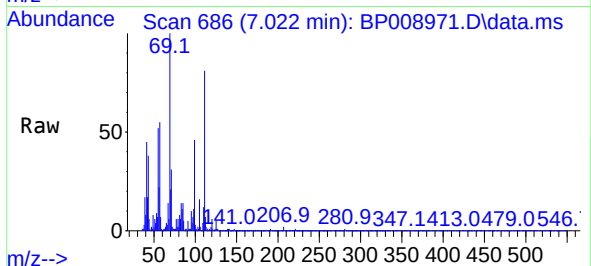
#7
Phenol-d6
Concen: 2.412 ng
RT: 7.022 min Scan# 60
Delta R.T. 0.006 min
Lab File: BP008971.D
Acq: 31 Jan 2022 18:37

Instrument :
BNA_P
ClientSampleId :
CC-8

Tgt Ion: 99 Resp: 37915
Ion Ratio Lower Upper
99 100
42 36.3 10.8 16.2
71 67.2 23.8 35.6

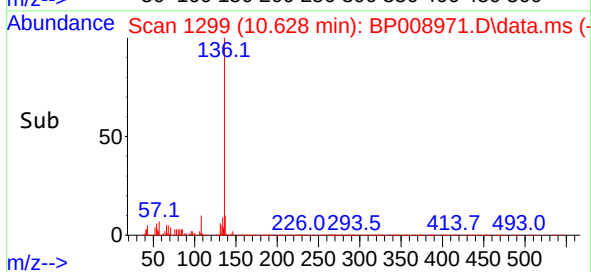
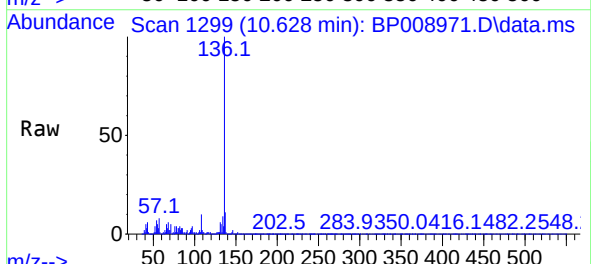
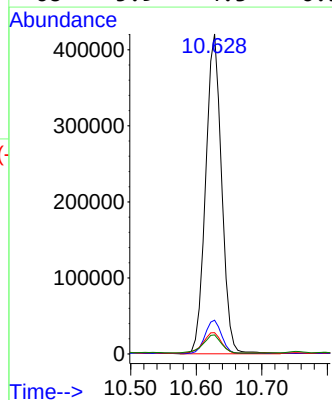
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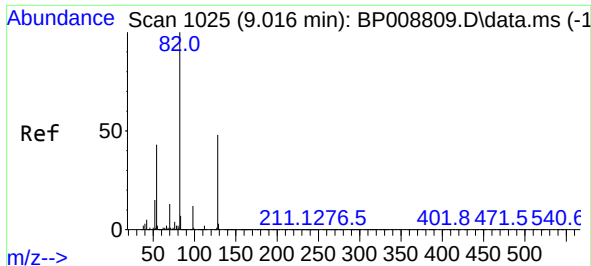
Reviewed By :Christian Giraldo 02/01/2022
Supervised By :Jagrut Upadhyay 02/01/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.628 min Scan# 1299
Delta R.T. -0.006 min
Lab File: BP008971.D
Acq: 31 Jan 2022 18:37

Tgt Ion:136 Resp: 713883
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.4
54 6.7 4.9 7.3
68 5.9 4.3 6.5





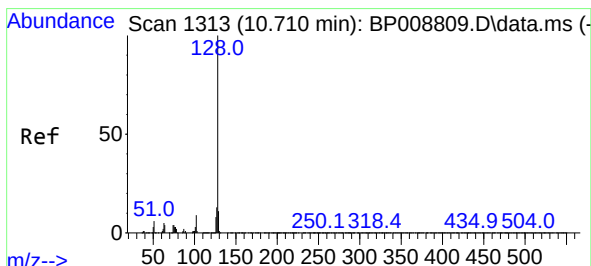
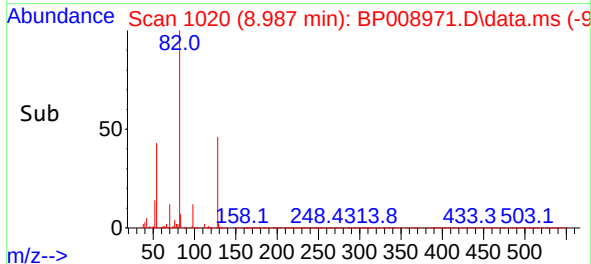
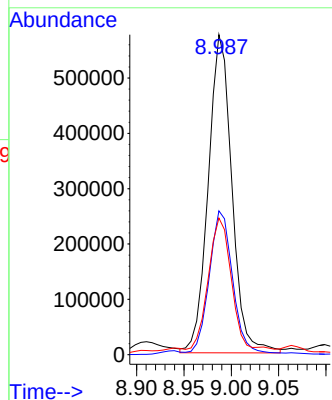
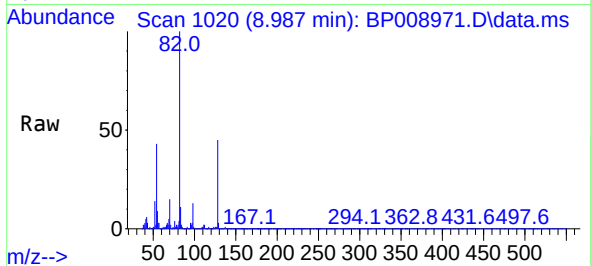
#23
Nitrobenzene-d5
Concen: 79.794 ng
RT: 8.987 min Scan# 100334
Delta R.T. -0.012 min
Lab File: BP008971.D
Acq: 31 Jan 2022 18:37

Instrument :
BNA_P
ClientSampleId :
CC-8

Tgt Ion: 82 Resp: 100334
Ion Ratio Lower Upper
82 100
128 45.0 39.4 59.2
54 42.7 32.6 48.8

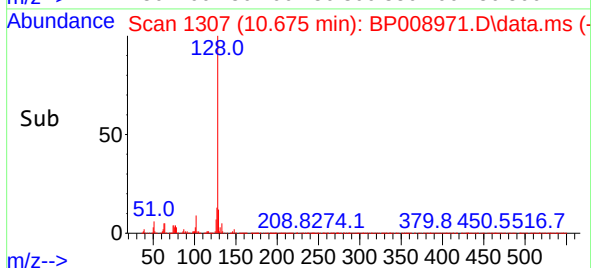
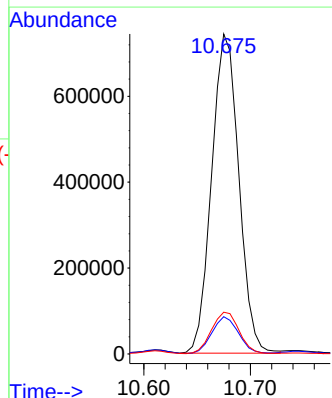
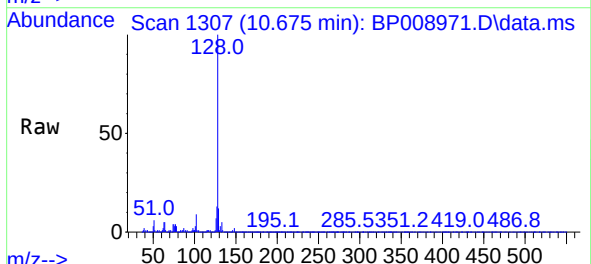
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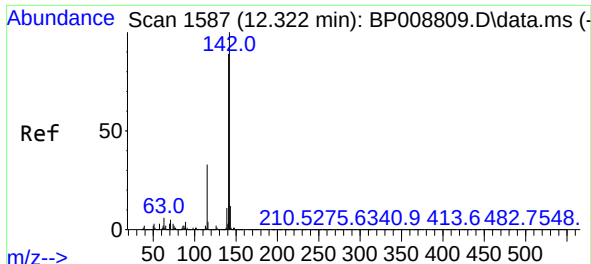
Reviewed By :Christian Giraldo 02/01/2022
Supervised By :Jagrut Upadhyay 02/01/2022



#31
Naphthalene
Concen: 33.989 ng
RT: 10.675 min Scan# 1307
Delta R.T. -0.012 min
Lab File: BP008971.D
Acq: 31 Jan 2022 18:37

Tgt Ion:128 Resp: 1317887
Ion Ratio Lower Upper
128 100
129 11.7 8.8 13.2
127 13.0 10.4 15.6





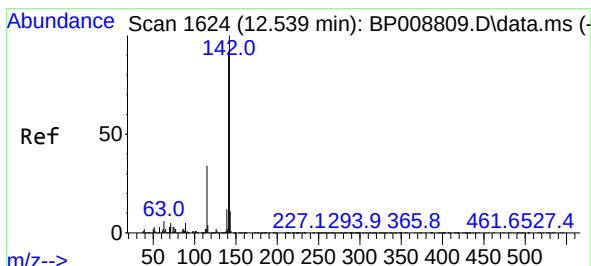
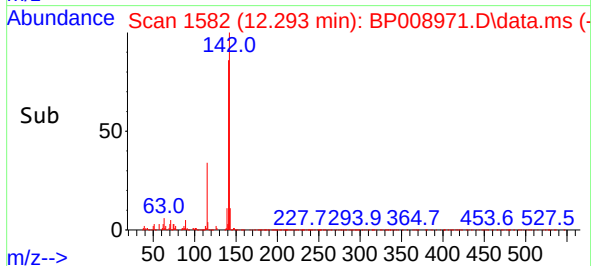
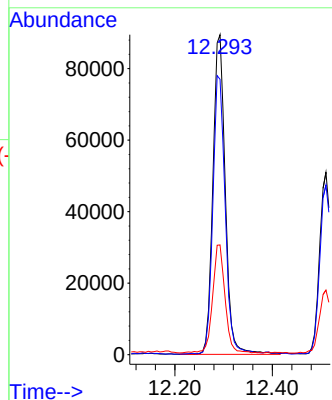
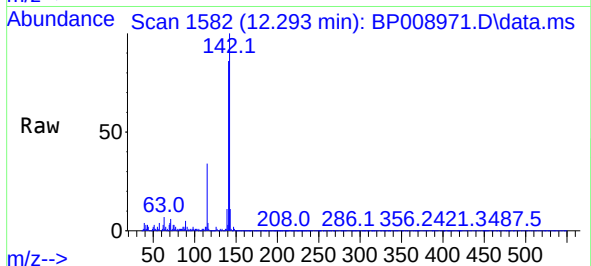
#37
2-Methylnaphthalene
Concen: 5.554 ng
RT: 12.293 min Scan# 1619
Delta R.T. -0.006 min
Lab File: BP008971.D
Acq: 31 Jan 2022 18:37

Instrument :
BNA_P
ClientSampleId :
CC-8

Tgt Ion:142 Resp: 15743
Ion Ratio Lower Upper
142 100
141 86.1 70.5 105.7
115 34.3 24.6 36.8

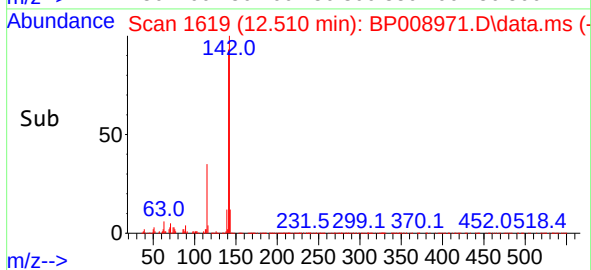
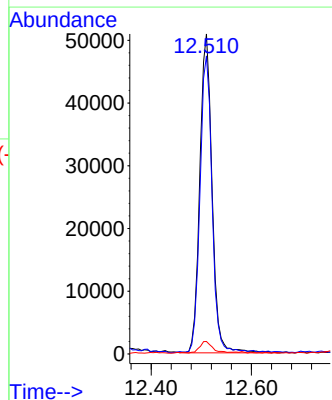
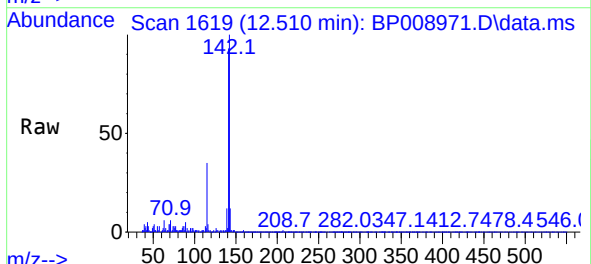
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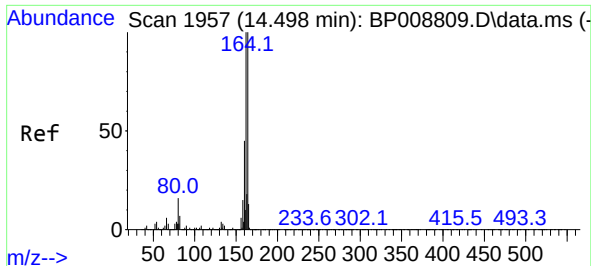
Reviewed By :Christian Giraldo 02/01/2022
Supervised By :Jagrut Upadhyay 02/01/2022



#38
1-Methylnaphthalene
Concen: 3.319 ng
RT: 12.510 min Scan# 1619
Delta R.T. -0.006 min
Lab File: BP008971.D
Acq: 31 Jan 2022 18:37

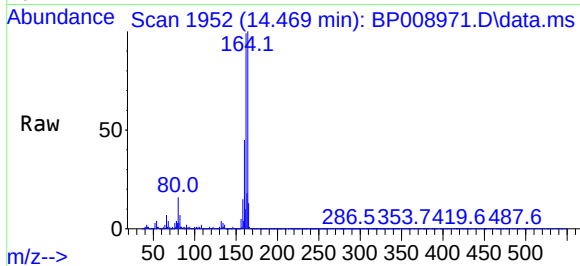
Tgt Ion:142 Resp: 86361
Ion Ratio Lower Upper
142 100
141 93.1 73.2 109.8
116 3.9 2.7 4.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.469 min Scan# 1957
Delta R.T. -0.006 min
Lab File: BP008971.D
Acq: 31 Jan 2022 18:37

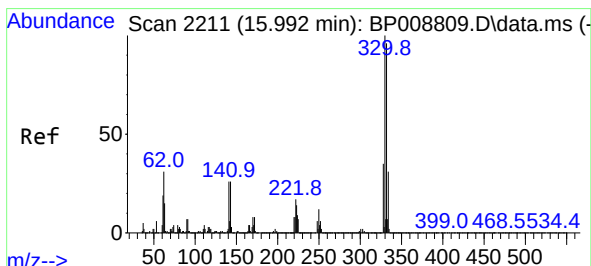
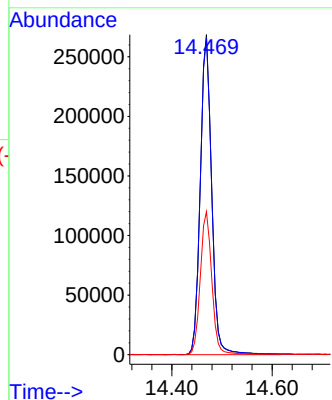
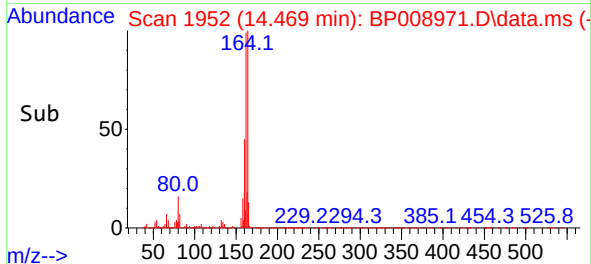
Instrument :
BNA_P
ClientSampleId :
CC-8



Tgt Ion:164 Resp: 421978
Ion Ratio Lower Upper
164 100
162 99.2 79.9 119.9
160 44.7 35.5 53.3

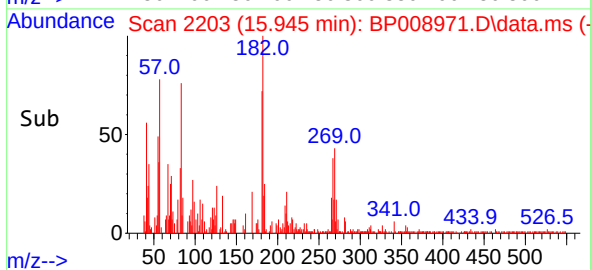
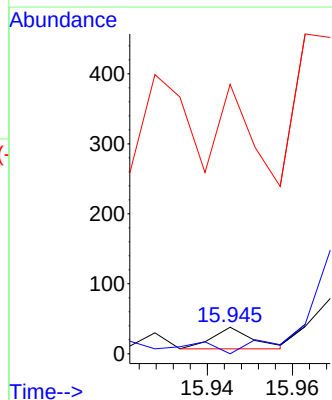
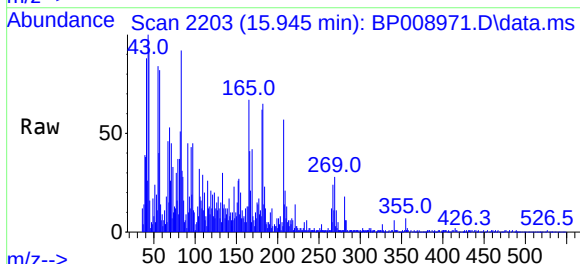
Manual Integrations
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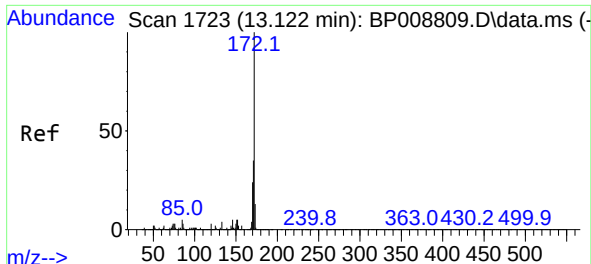
Reviewed By :Christian Giraldo 02/01/2022
Supervised By :Jagrut Upadhyay 02/01/2022



#42
2,4,6-Tribromophenol
Concen: 0.003 ng
RT: 15.945 min Scan# 2203
Delta R.T. -0.029 min
Lab File: BP008971.D
Acq: 31 Jan 2022 18:37

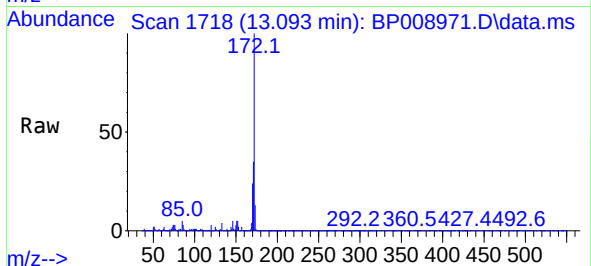
Tgt Ion:330 Resp: 20
Ion Ratio Lower Upper
330 100
332 0.0 77.0 115.4#
141 0.0 21.3 31.9#





#45
2-Fluorobiphenyl
Concen: 74.204 ng
RT: 13.093 min Scan# 1718
Delta R.T. -0.006 min
Lab File: BP008971.D
Acq: 31 Jan 2022 18:37

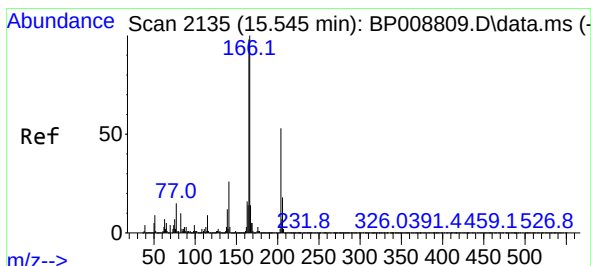
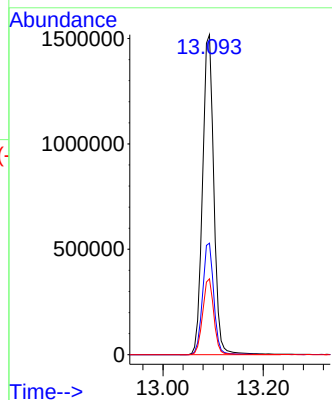
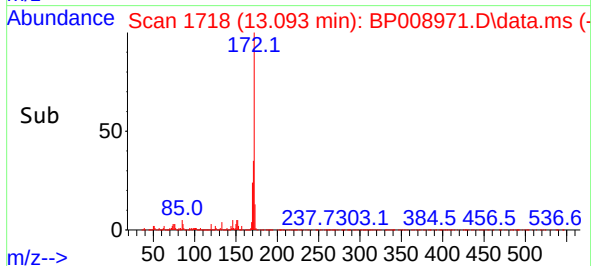
Instrument :
BNA_P
ClientSampleId :
CC-8



Tgt Ion:172 Resp: 2374430
Ion Ratio Lower Upper
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171 34.9 29.3 43.9
170 23.7 19.5 29.3

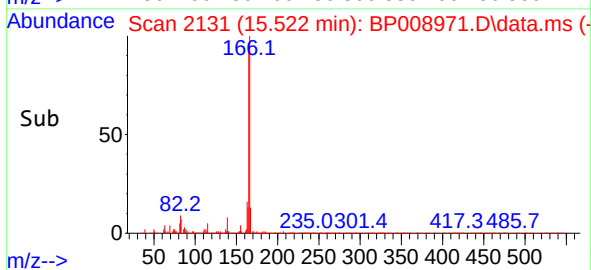
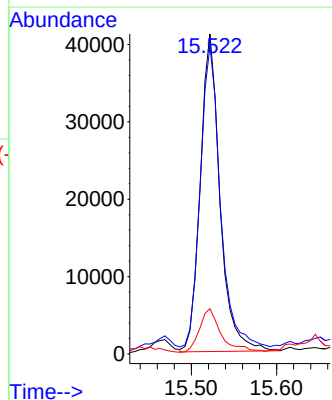
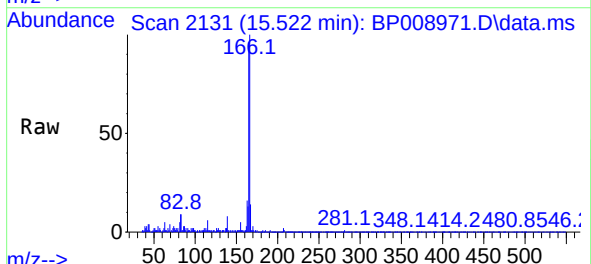
Manual Integrations
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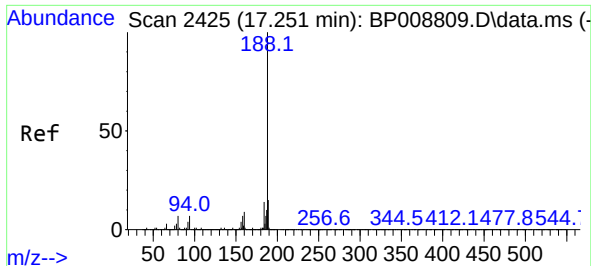
Reviewed By :Christian Giraldo 02/01/2022
Supervised By :Jagrut Upadhyay 02/01/2022



#58
Fluorene
Concen: 2.158 ng
RT: 15.522 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BP008971.D
Acq: 31 Jan 2022 18:37

Tgt Ion:166 Resp: 65887
Ion Ratio Lower Upper
166 100
165 96.3 77.2 115.8
167 14.2 11.2 16.8





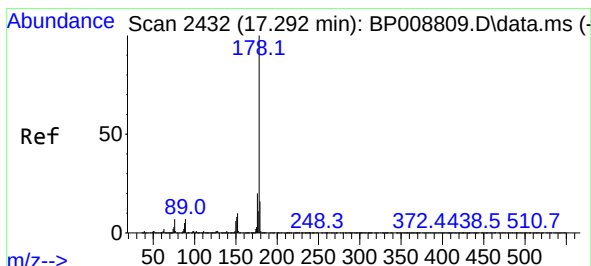
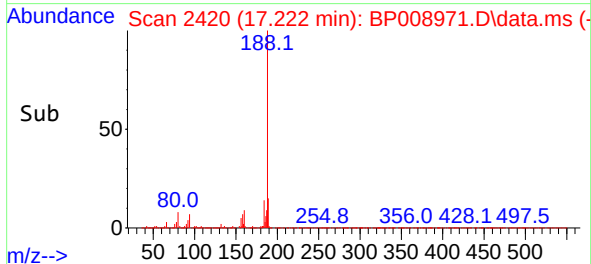
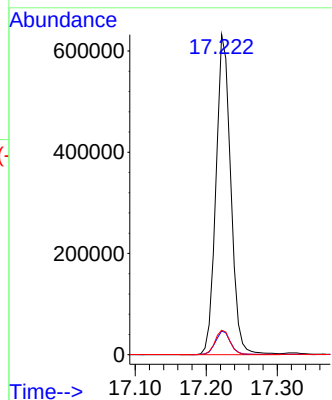
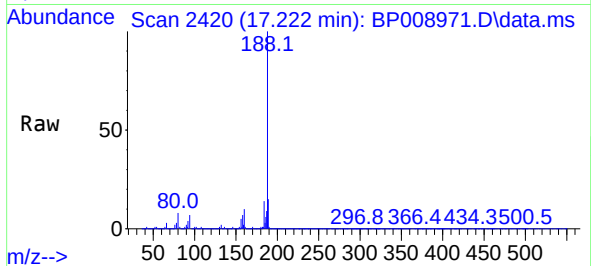
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.222 min Scan# 2420
Delta R.T. -0.012 min
Lab File: BP008971.D
Acq: 31 Jan 2022 18:37

Instrument :
BNA_P
ClientSampleId :
CC-8

Tgt Ion:188 Resp: 91320
Ion Ratio Lower Upper
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94 7.4 6.8 10.2
80 7.6 7.2 10.8

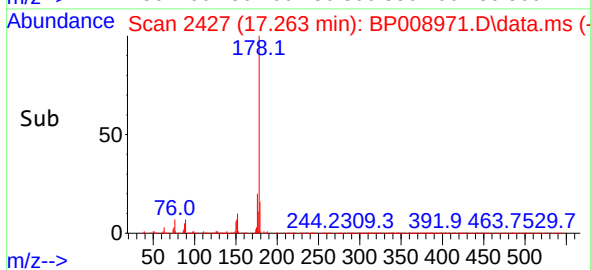
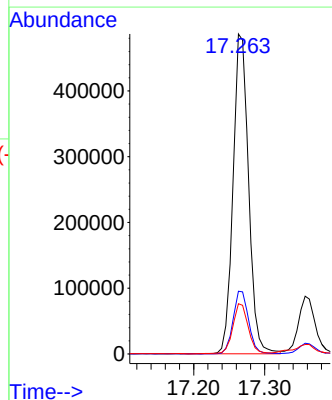
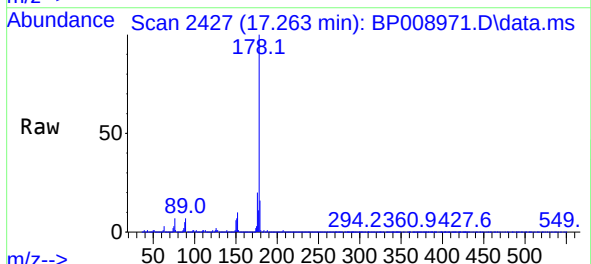
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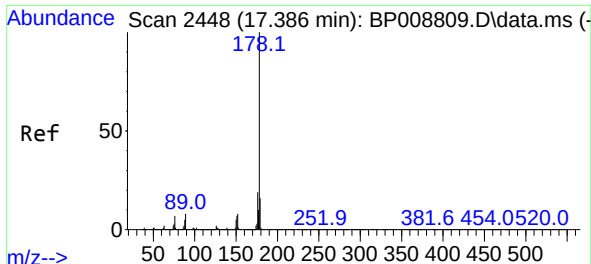
Reviewed By :Christian Giraldo 02/01/2022
Supervised By :Jagrut Upadhyay 02/01/2022



#71
Phenanthrene
Concen: 14.401 ng
RT: 17.263 min Scan# 2427
Delta R.T. -0.012 min
Lab File: BP008971.D
Acq: 31 Jan 2022 18:37

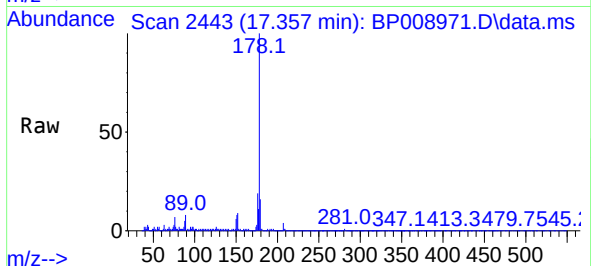
Tgt Ion:178 Resp: 740450
Ion Ratio Lower Upper
178 100
176 19.6 16.0 24.0
179 15.7 13.0 19.4





#72
 Anthracene
 Concen: 2.592 ng
 RT: 17.357 min Scan# 2448
 Delta R.T. -0.012 min
 Lab File: BP008971.D
 Acq: 31 Jan 2022 18:37

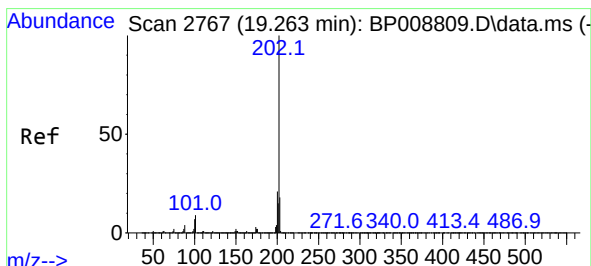
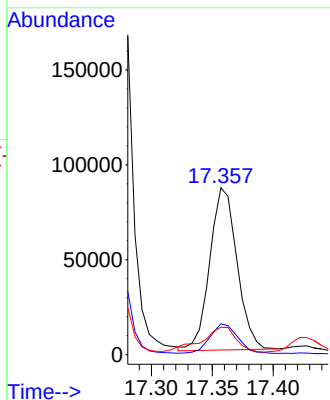
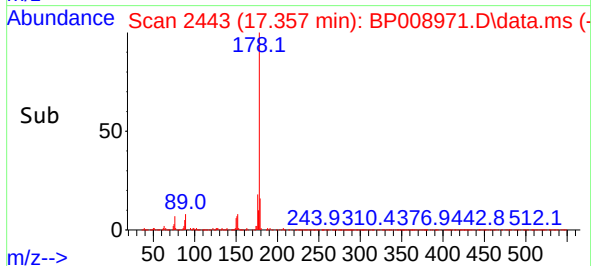
Instrument :
 BNA_P
 ClientSampleId :
 CC-8



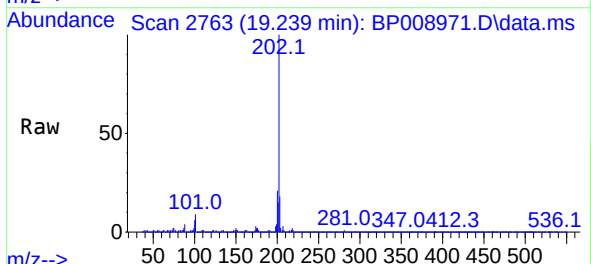
Tgt Ion:178 Resp: 13368
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.1 22.7
 179 16.4 12.8 19.2

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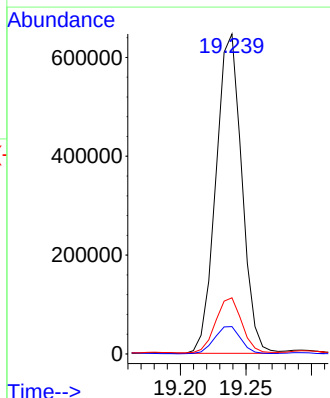
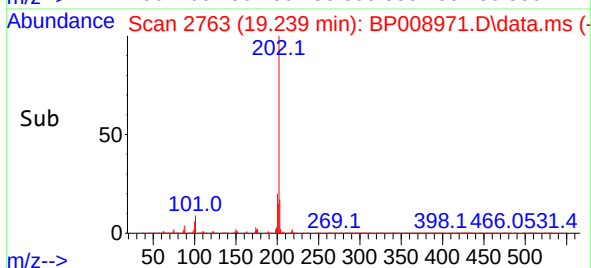
Reviewed By :Christian Giraldo 02/01/2022
 Supervised By :Jagrut Upadhyay 02/01/2022

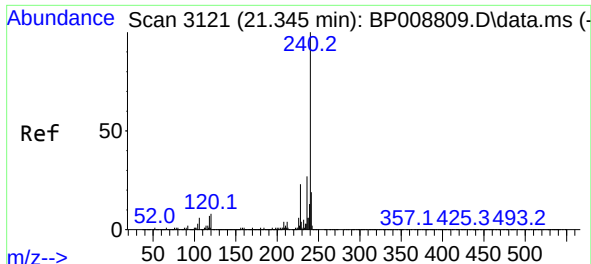


#75
 Fluoranthene
 Concen: 15.510 ng
 RT: 19.239 min Scan# 2763
 Delta R.T. -0.006 min
 Lab File: BP008971.D
 Acq: 31 Jan 2022 18:37



Tgt Ion:202 Resp: 886806
 Ion Ratio Lower Upper
 202 100
 101 8.6 0.0 30.7
 203 17.6 0.0 38.9





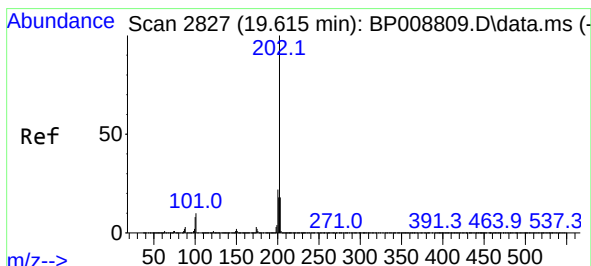
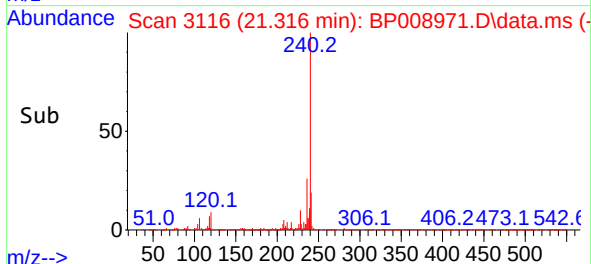
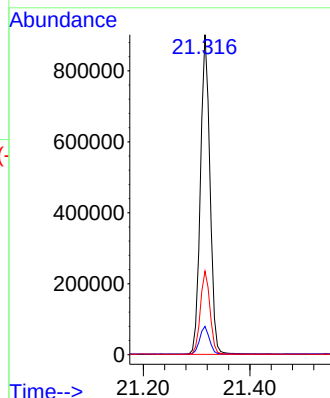
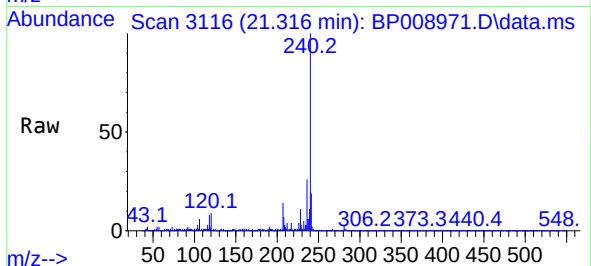
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.316 min Scan# 3116
Delta R.T. -0.012 min
Lab File: BP008971.D
Acq: 31 Jan 2022 18:37

Instrument :
BNA_P
ClientSampleId :
CC-8

Tgt Ion:240 Resp: 112251
Ion Ratio Lower Upper
240 100
120 8.9 7.7 11.5
236 26.1 21.2 31.8

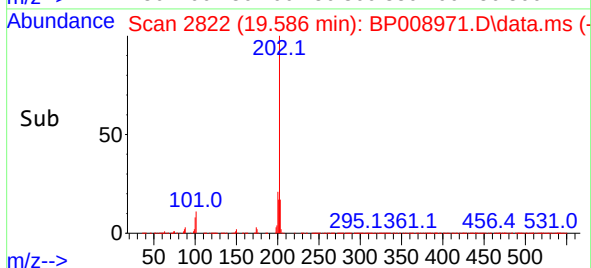
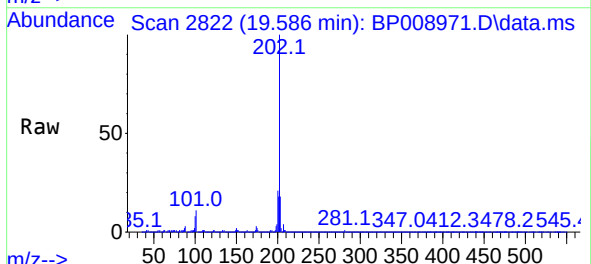
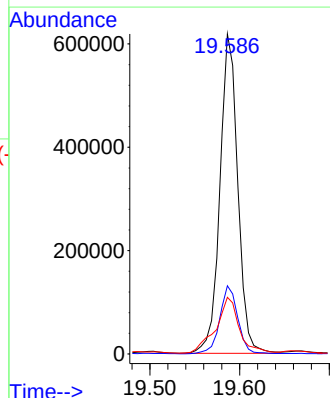
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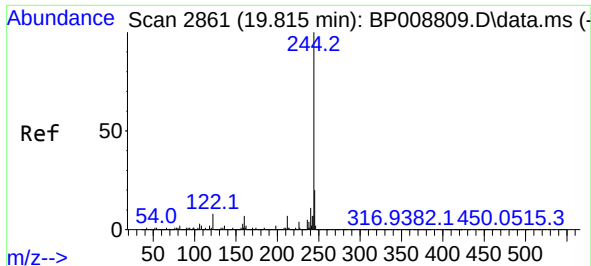
Reviewed By :Christian Giraldo 02/01/2022
Supervised By :Jagrut Upadhyay 02/01/2022



#78
Pyrene
Concen: 10.910 ng
RT: 19.586 min Scan# 2822
Delta R.T. -0.012 min
Lab File: BP008971.D
Acq: 31 Jan 2022 18:37

Tgt Ion:202 Resp: 854498
Ion Ratio Lower Upper
202 100
200 21.3 18.0 27.0
203 17.7 15.0 22.6





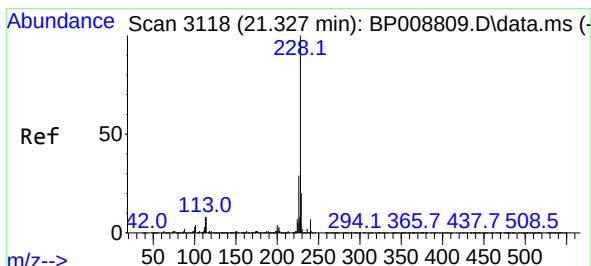
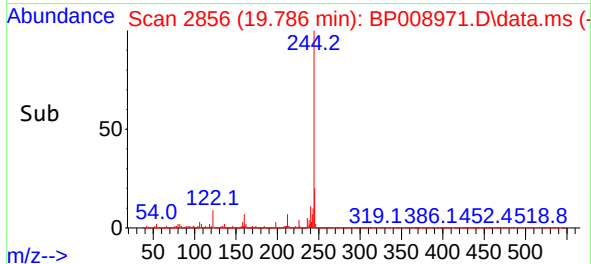
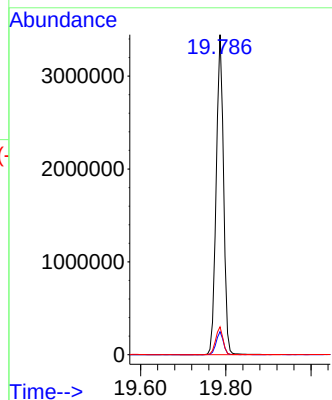
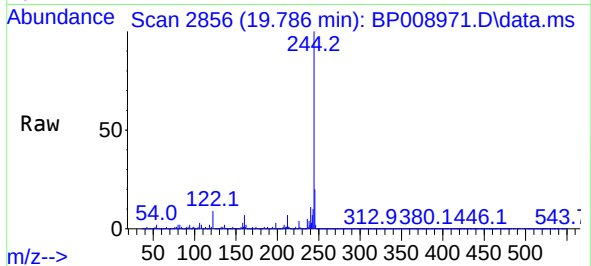
#79
Terphenyl-d14
Concen: 61.790 ng
RT: 19.786 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP008971.D
Acq: 31 Jan 2022 18:37

Instrument :
BNA_P
ClientSampleId :
CC-8

Tgt Ion:244 Resp: 4109154
Ion Ratio Lower Upper
244 100
212 7.2 6.5 9.7
122 8.7 9.2 13.8

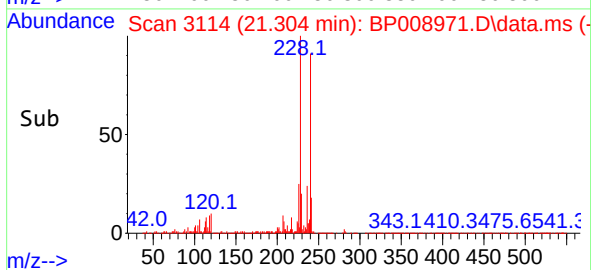
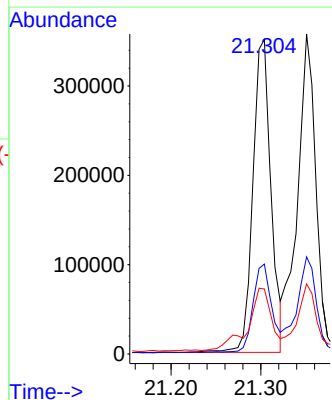
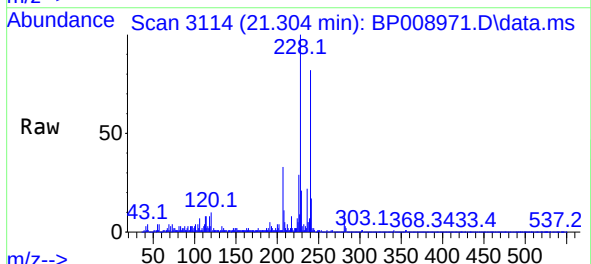
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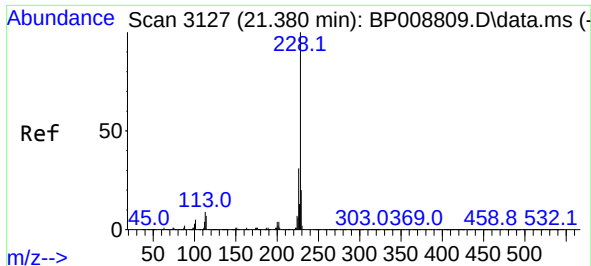
Reviewed By :Christian Giraldo 02/01/2022
Supervised By :Jagrut Upadhyay 02/01/2022



#81
Benzo(a)anthracene
Concen: 6.482 ng
RT: 21.304 min Scan# 3114
Delta R.T. -0.006 min
Lab File: BP008971.D
Acq: 31 Jan 2022 18:37

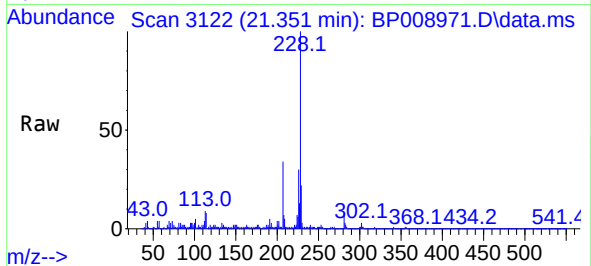
Tgt Ion:228 Resp: 489530
Ion Ratio Lower Upper
228 100
226 28.6 23.3 34.9
229 20.7 17.0 25.6





#83
Chrysene
Concen: 6.966 ng
RT: 21.351 min Scan# 3127
Delta R.T. -0.012 min
Lab File: BP008971.D
Acq: 31 Jan 2022 18:37

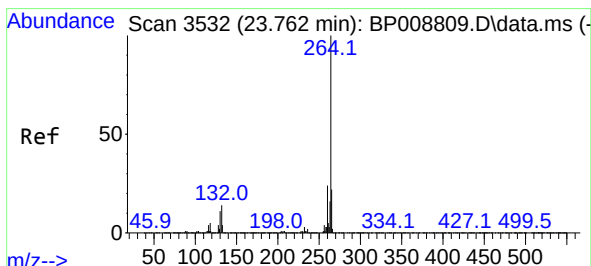
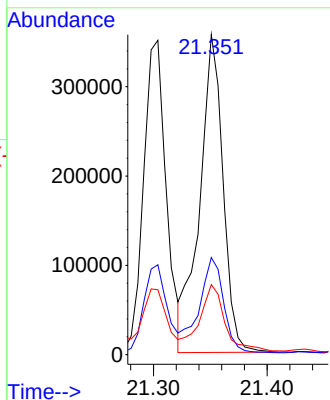
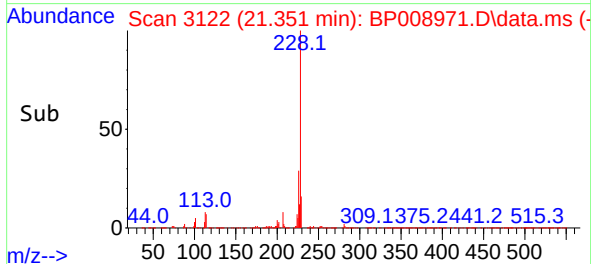
Instrument :
BNA_P
ClientSampleId :
CC-8



Tgt Ion:228 Resp: 50996
Ion Ratio Lower Upper
228 100
226 30.3 26.0 39.0
229 21.9 16.9 25.3

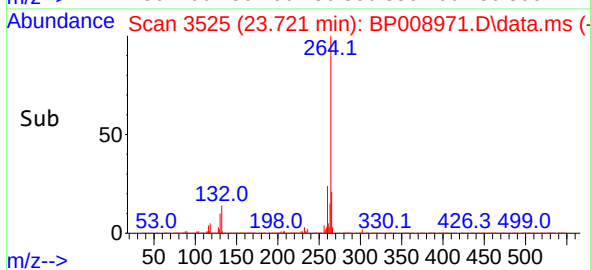
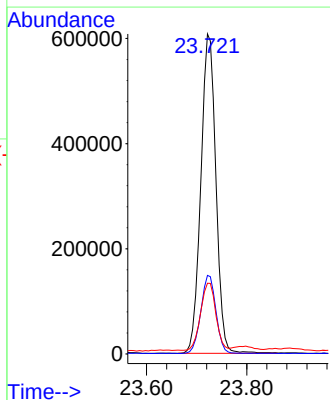
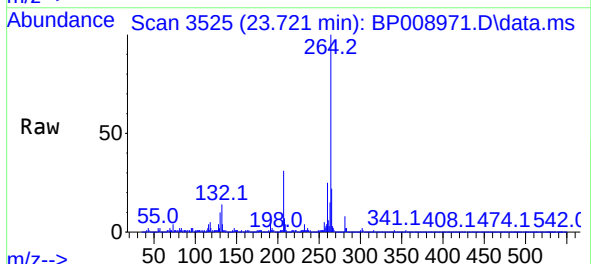
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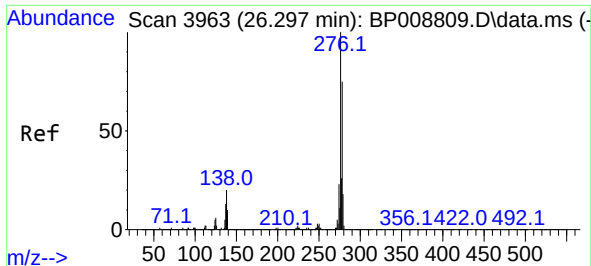
Reviewed By :Christian Giraldo 02/01/2022
Supervised By :Jagrut Upadhyay 02/01/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.721 min Scan# 3525
Delta R.T. -0.018 min
Lab File: BP008971.D
Acq: 31 Jan 2022 18:37

Tgt Ion:264 Resp: 1269334
Ion Ratio Lower Upper
264 100
260 24.6 19.1 28.7
265 22.1 17.1 25.7





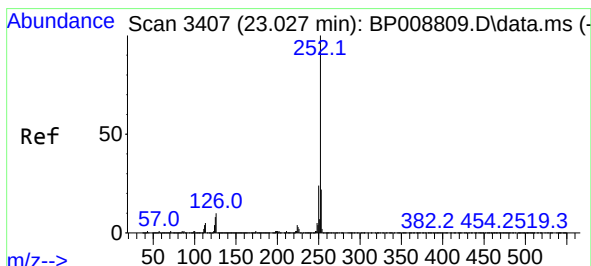
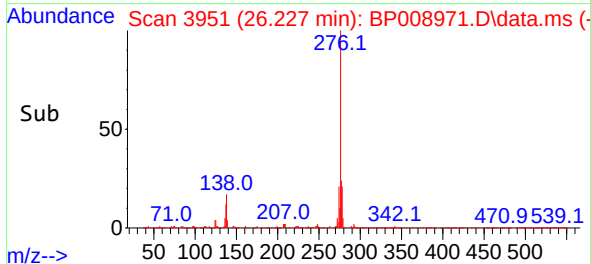
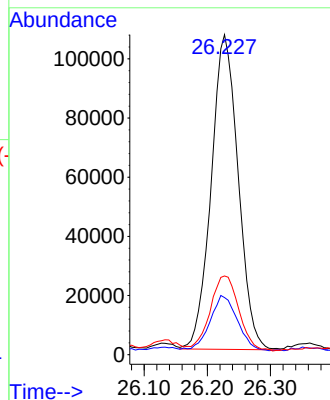
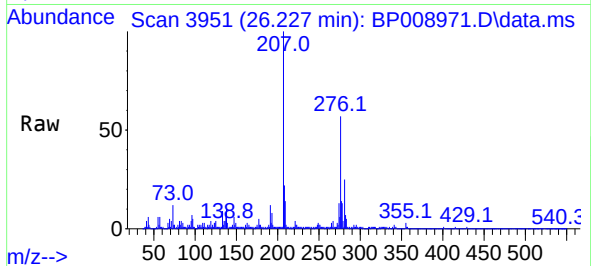
#87
Indeno(1,2,3-cd)pyrene
Concen: 3.024 ng
RT: 26.227 min Scan# 3963
Delta R.T. -0.035 min
Lab File: BP008971.D
Acq: 31 Jan 2022 18:37

Instrument :
BNA_P
Client Sample Id :
CC-8

Tgt Ion: 276 Resp: 31631
Ion Ratio Lower Upper
276 100
138 17.9 17.8 26.6
277 25.3 20.4 30.6

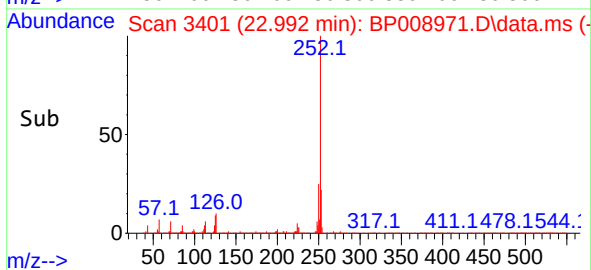
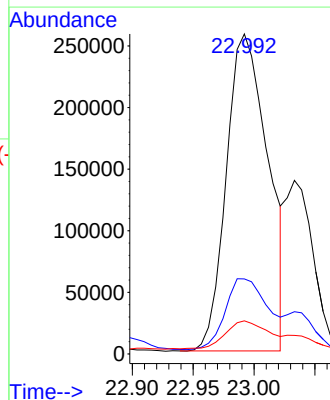
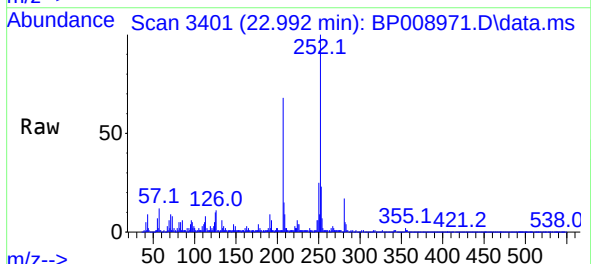
Manual Integrations
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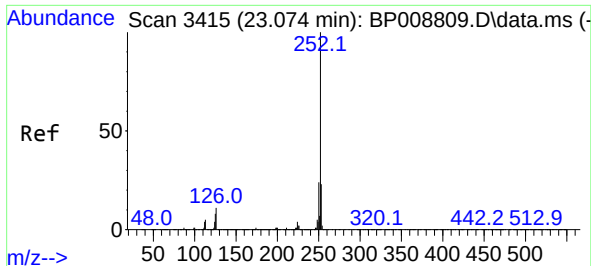
Reviewed By : Christian Giraldo 02/01/2022
Supervised By : Jagrut Upadhyay 02/01/2022



#88
Benzo(b)fluoranthene
Concen: 7.225 ng
RT: 22.992 min Scan# 3401
Delta R.T. -0.012 min
Lab File: BP008971.D
Acq: 31 Jan 2022 18:37

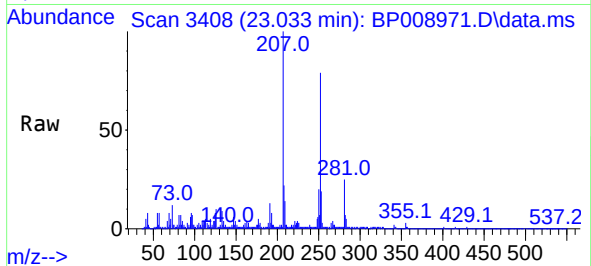
Tgt Ion: 252 Resp: 612446
Ion Ratio Lower Upper
252 100
253 23.5 18.0 27.0
125 10.4 6.9 10.3





#89
Benzo(k)fluoranthene
Concen: 2.668 ng m
RT: 23.033 min Scan# 3415
Delta R.T. -0.017 min
Lab File: BP008971.D
Acq: 31 Jan 2022 18:37

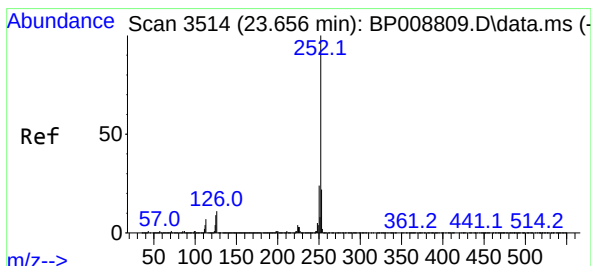
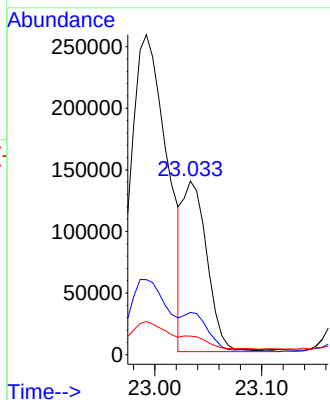
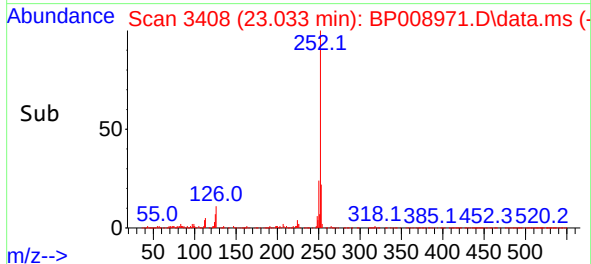
Instrument :
BNA_P
ClientSampleId :
CC-8



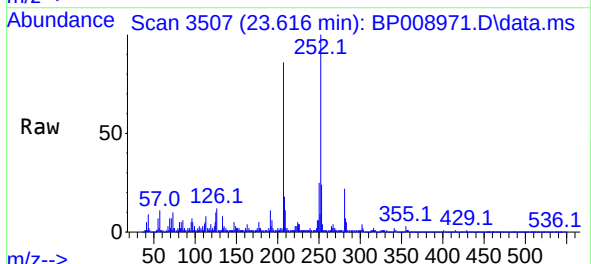
Tgt Ion:252 Resp: 218900
Ion Ratio Lower Upper
252 100
253 24.4 18.2 27.2
125 10.7 7.3 10.9

Manual Integrations
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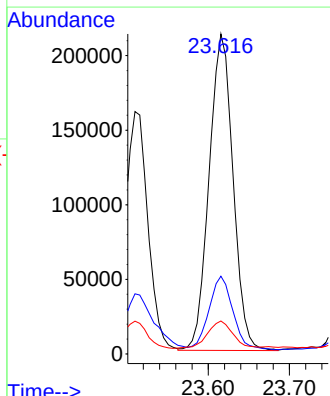
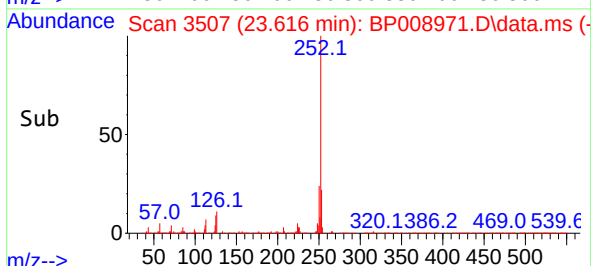
Reviewed By :Christian Giraldo 02/01/2022
Supervised By :Jagrut Upadhyay 02/01/2022

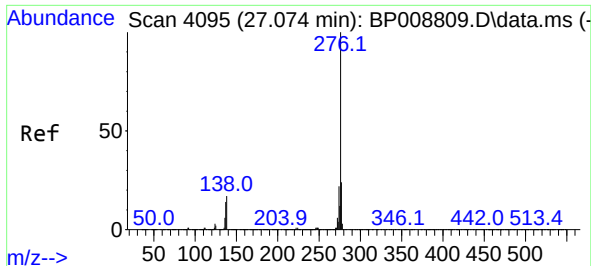


#90
Benzo(a)pyrene
Concen: 5.318 ng
RT: 23.616 min Scan# 3507
Delta R.T. -0.017 min
Lab File: BP008971.D
Acq: 31 Jan 2022 18:37



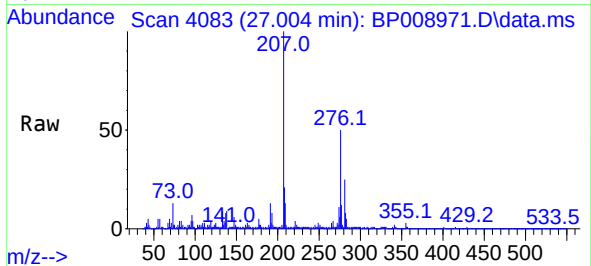
Tgt Ion:252 Resp: 435127
Ion Ratio Lower Upper
252 100
253 24.3 17.8 26.8
125 10.3 7.8 11.6





#92
Benzo(g,h,i)perylene
Concen: 3.684 ng
RT: 27.004 min Scan# 40
Delta R.T. -0.029 min
Lab File: BP008971.D
Acq: 31 Jan 2022 18:37

Instrument :
BNA_P
ClientSampleId :
CC-8



Tgt Ion: 276 Resp: 319919
Ion Ratio Lower Upper
276 100
277 24.2 19.2 28.8
138 18.8 15.0 22.4

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 02/01/2022
Supervised By : Jagrut Upadhyay 02/01/2022

