

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010522\
 Data File : BP008695.D
 Acq On : 05 Jan 2022 18:01
 Operator : CG/JU
 Sample : M5342-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-6-(0-2)

Quant Time: Jan 06 03:03:24 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 30 08:44:33 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 01/06/2022
 Supervised By : Jagrut Upadhyay 01/06/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	490715	20.000	ng	-0.02
21) Naphthalene-d8	10.681	136	1588841	20.000	ng	-0.02
39) Acenaphthene-d10	14.516	164	924465	20.000	ng	-0.01
64) Phenanthrene-d10	17.263	188	1765393	20.000	ng	-0.01
76) Chrysene-d12	21.351	240	1758907	20.000	ng	-0.01
86) Perylene-d12	23.774	264	2127621	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.464	112	3388792	126.050	ng	0.00
7) Phenol-d6	7.058	99	3913380	104.578	ng	0.00
23) Nitrobenzene-d5	9.040	82	2472001	92.556	ng	-0.02
42) 2,4,6-Tribromophenol	16.004	330	1472099	117.696	ng	-0.01
45) 2-Fluorobiphenyl	13.140	172	5301512	83.085	ng	-0.02
79) Terphenyl-d14	19.822	244	6023098	69.918	ng	0.00
Target Compounds						Qvalue
52) Acenaphthene	14.575	154	117862	2.188	ng	98
71) Phenanthrene	17.304	178	2039001	21.423	ng	97
72) Anthracene	17.398	178	530796	5.724	ng	99
73) Carbazole	17.669	167	293071	3.220	ng	99
75) Fluoranthene	19.275	202	3280476	29.964	ng	97
78) Pyrene	19.622	202	2819800	24.643	ng	98
81) Benzo(a)anthracene	21.333	228	1985014	17.396	ng	98
83) Chrysene	21.386	228	1729643	16.210	ng	96
87) Indeno(1,2,3-cd)pyrene	26.292	276	1430945	10.013	ng	95
88) Benzo(b)fluoranthene	23.039	252	2674853	19.549	ng	99
89) Benzo(k)fluoranthene	23.080	252	854335m	6.281	ng	
90) Benzo(a)pyrene	23.663	252	1923804	17.441	ng	99
91) Dibenzo(a,h)anthracene	26.304	278	400511m	3.322	ng	
92) Benzo(g,h,i)perylene	27.068	276	1377932	12.223	ng	97

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

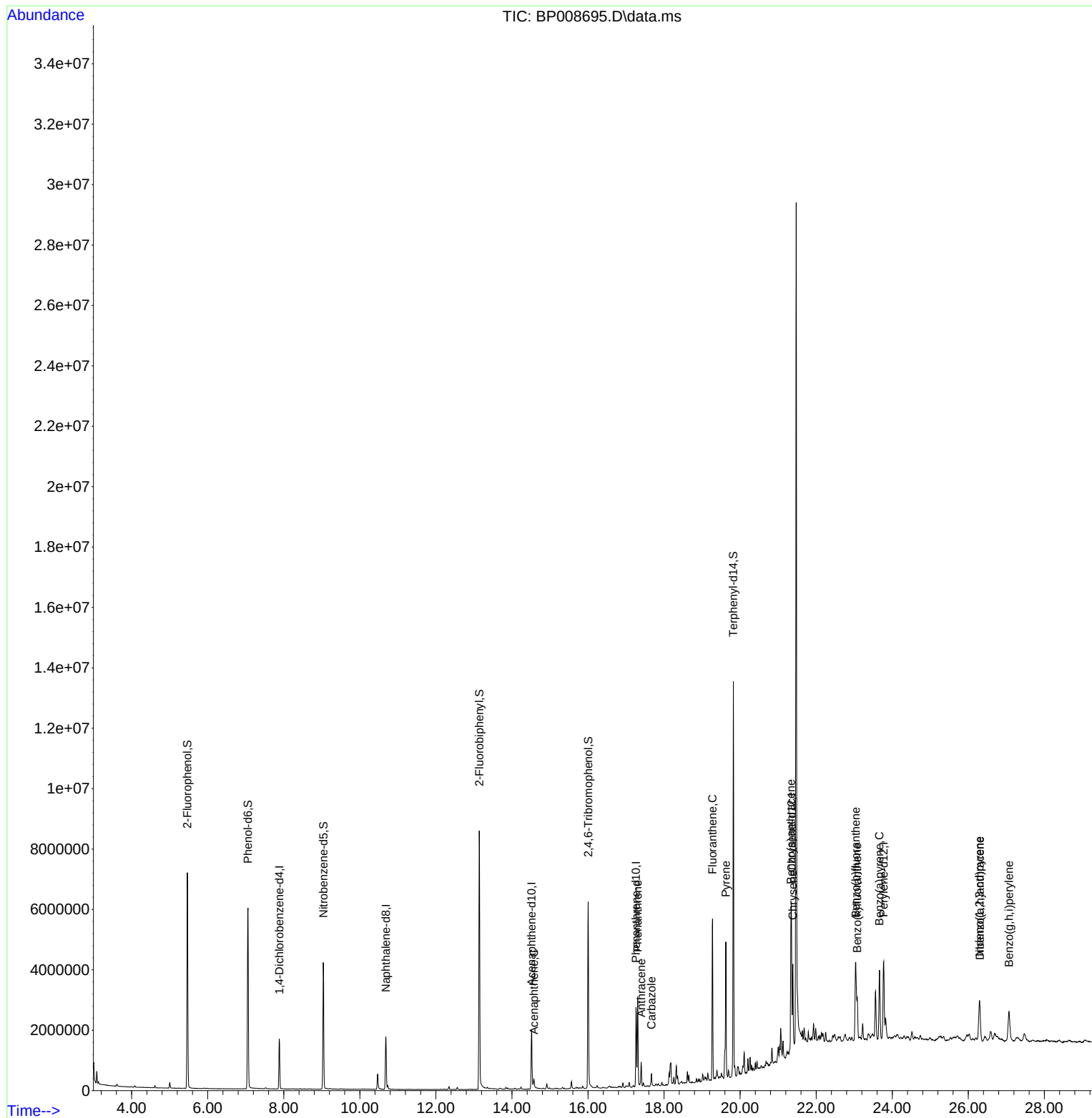
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010522\
Data File : BP008695.D
Acq On : 05 Jan 2022 18:01
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Misc :
ALS Vial : 13 Sample Multiplier: 1

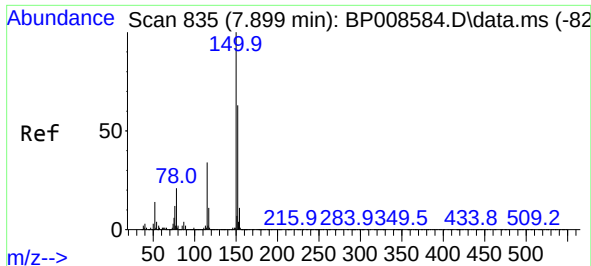
Instrument :
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SB-6-(0-2)

Quant Time: Jan 06 03:03:24 2022
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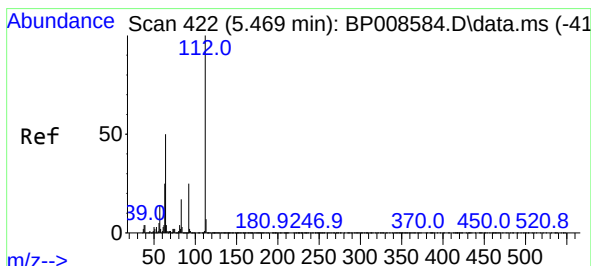
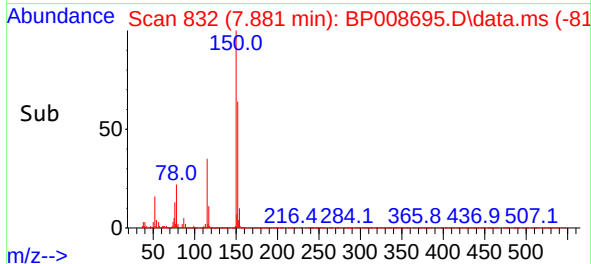
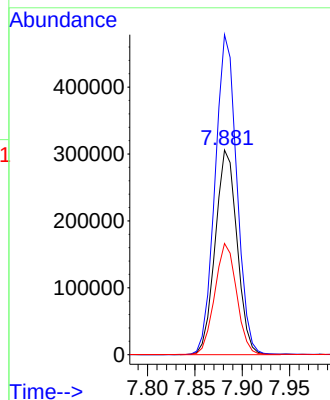
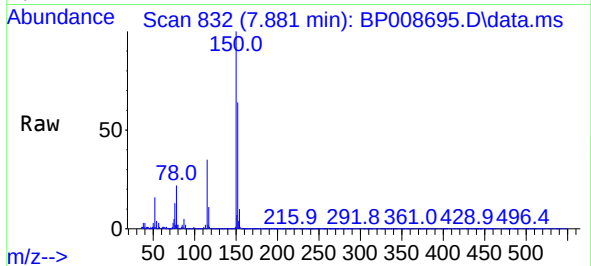
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.881 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP008695.D
Acq: 05 Jan 2022 18:01

Instrument :
BNA_P
ClientSampleId :
SB-6-(0-2)

Tgt Ion:152 Resp: 490715
Ion Ratio Lower Upper
152 100
150 156.4 127.0 190.6
115 54.4 43.7 65.5

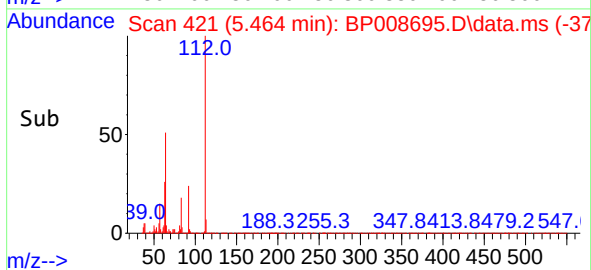
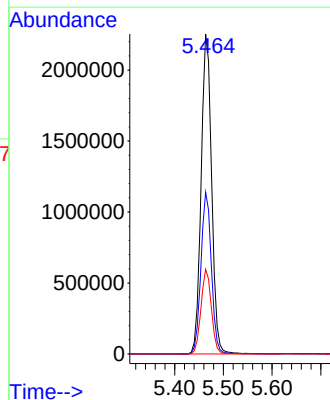
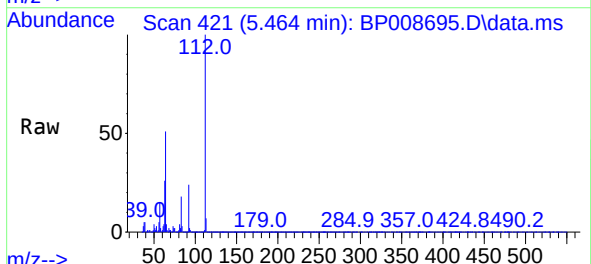
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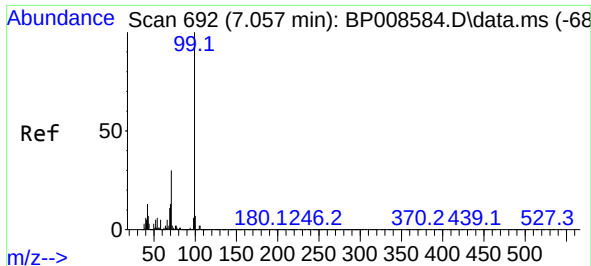
Reviewed By :Christian Giraldo 01/06/2022
Supervised By :Jagrut Upadhyay 01/06/2022



#5
2-Fluorophenol
Concen: 126.050 ng
RT: 5.464 min Scan# 421
Delta R.T. -0.006 min
Lab File: BP008695.D
Acq: 05 Jan 2022 18:01

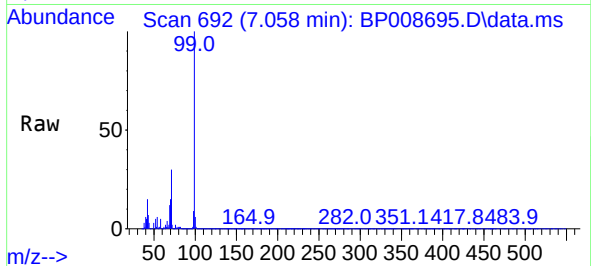
Tgt Ion:112 Resp: 3388792
Ion Ratio Lower Upper
112 100
64 50.6 39.7 59.5
63 26.4 20.0 30.0





#7
Phenol-d6
Concen: 104.578 ng
RT: 7.058 min Scan# 64
Delta R.T. 0.000 min
Lab File: BP008695.D
Acq: 05 Jan 2022 18:01

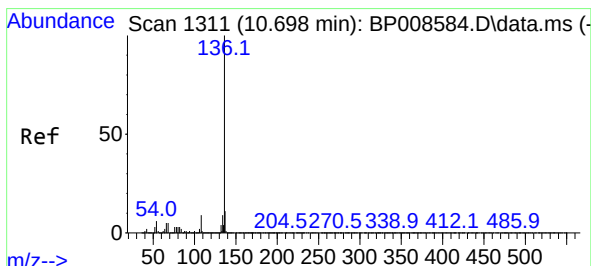
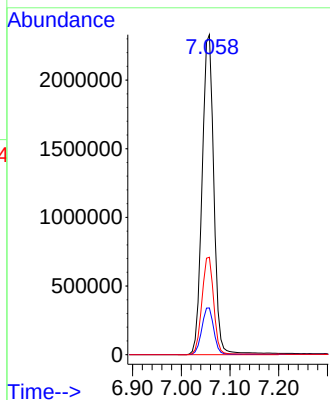
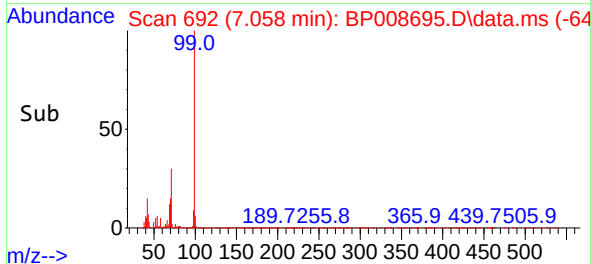
Instrument :
BNA_P
ClientSampleId :
SB-6-(0-2)



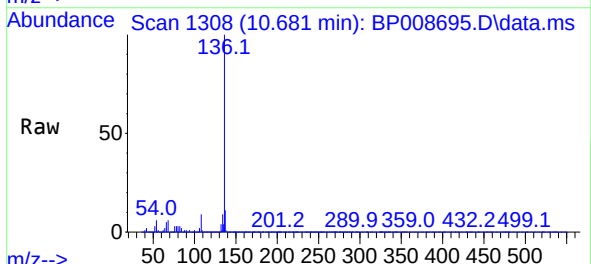
Tgt Ion: 99 Resp: 3913380
Ion Ratio Lower Upper
99 100
42 14.6 10.8 16.2
71 30.5 23.8 35.6

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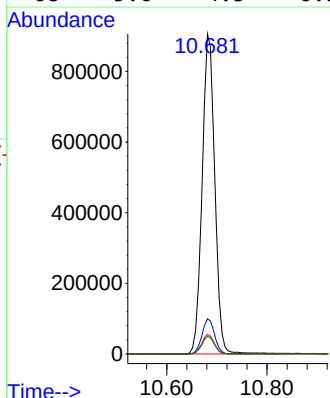
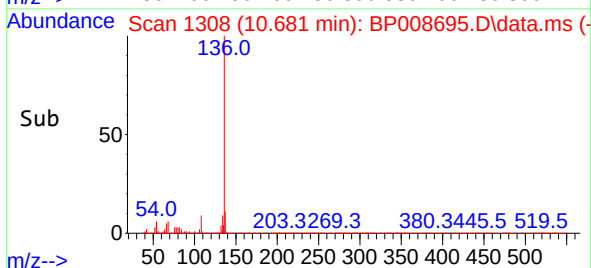
Reviewed By :Christian Giraldo 01/06/2022
Supervised By :Jagrut Upadhyay 01/06/2022

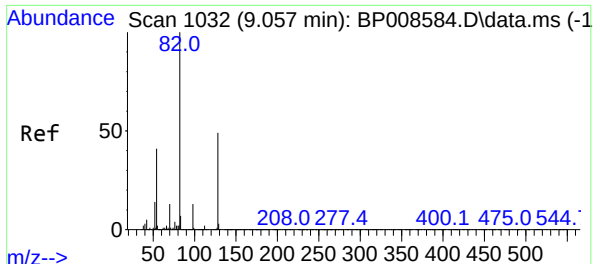


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.681 min Scan# 1308
Delta R.T. -0.017 min
Lab File: BP008695.D
Acq: 05 Jan 2022 18:01



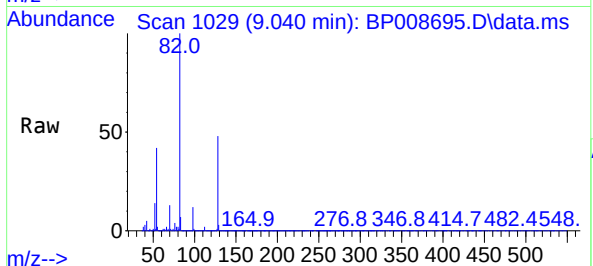
Tgt Ion:136 Resp: 1588841
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 6.2 4.9 7.3
68 5.6 4.3 6.5





#23
Nitrobenzene-d5
Concen: 92.556 ng
RT: 9.040 min Scan# 1032
Delta R.T. -0.017 min
Lab File: BP008695.D
Acq: 05 Jan 2022 18:01

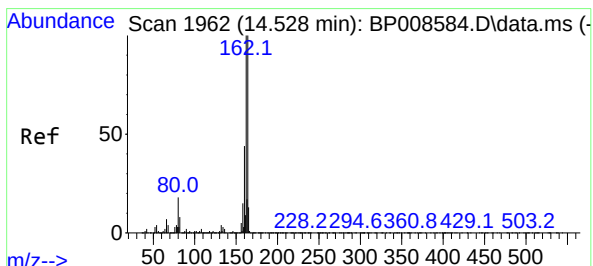
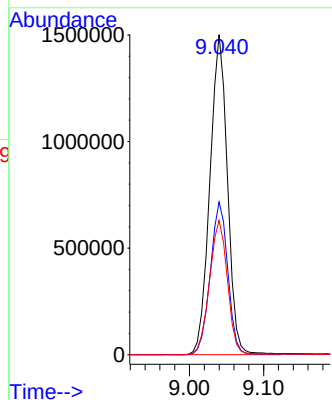
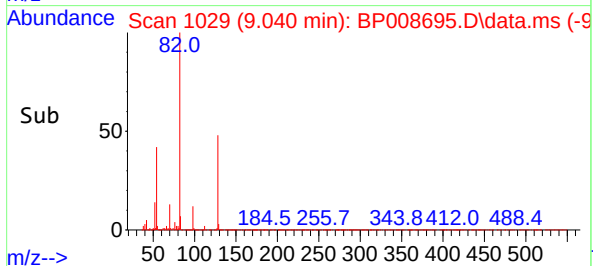
Instrument :
BNA_P
ClientSampleId :
SB-6-(0-2)



Tgt Ion: 82 Resp: 247200
Ion Ratio Lower Upper
82 100
128 47.7 39.4 59.2
54 42.0 32.6 48.8

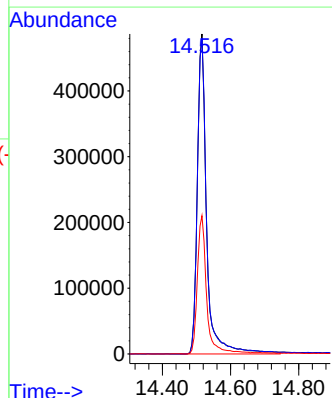
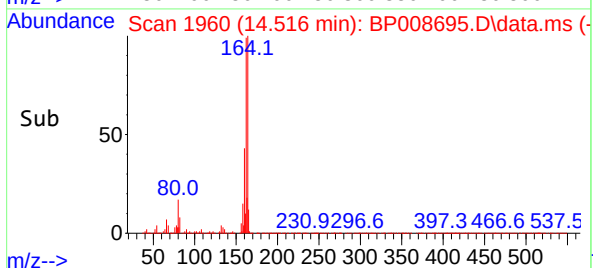
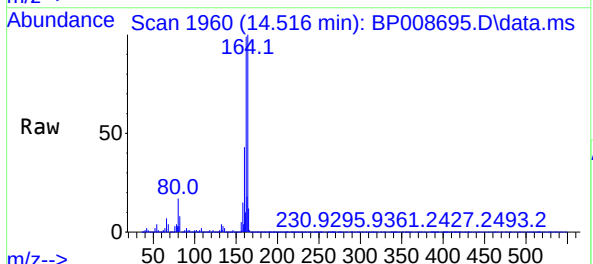
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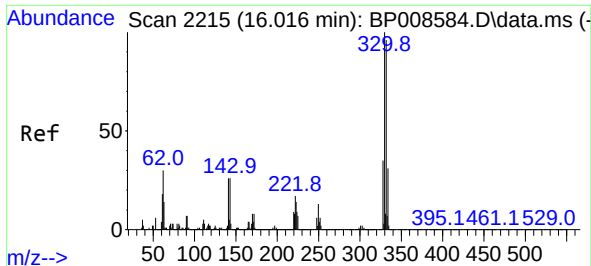
Reviewed By :Christian Giraldo 01/06/2022
Supervised By :Jagrut Upadhyay 01/06/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.516 min Scan# 1960
Delta R.T. -0.012 min
Lab File: BP008695.D
Acq: 05 Jan 2022 18:01

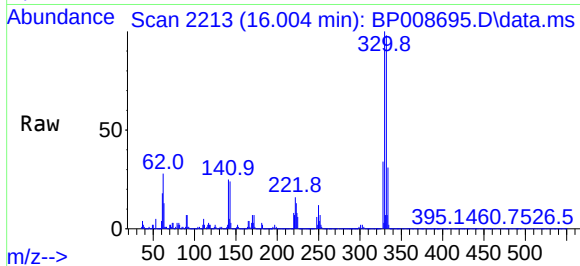
Tgt Ion:164 Resp: 924465
Ion Ratio Lower Upper
164 100
162 98.6 79.9 119.9
160 43.2 35.5 53.3





#42
2,4,6-Tribromophenol
Concen: 117.696 ng
RT: 16.004 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP008695.D
Acq: 05 Jan 2022 18:01

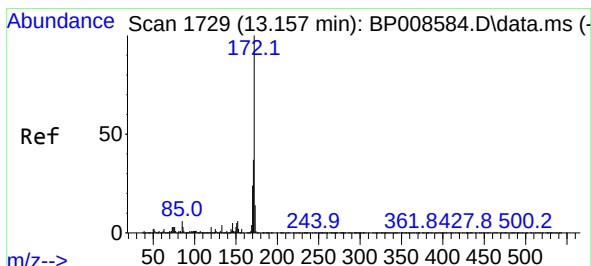
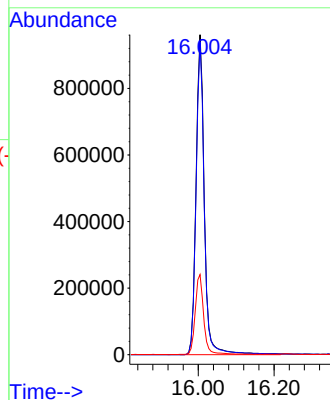
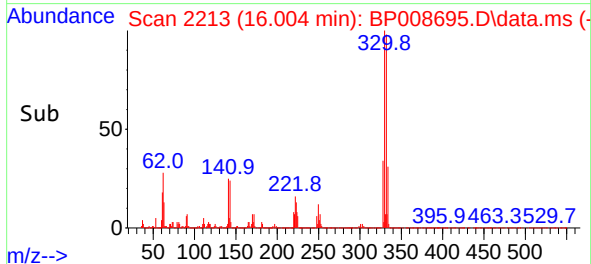
Instrument :
BNA_P
ClientSampleId :
SB-6-(0-2)



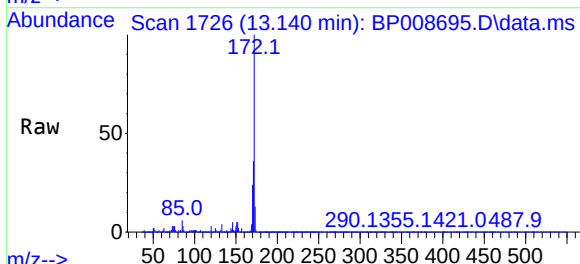
Tgt Ion:330 Resp: 1472099
Ion Ratio Lower Upper
330 100
332 96.9 77.0 115.4
141 25.8 21.3 31.9

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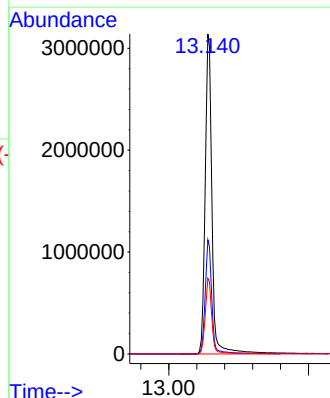
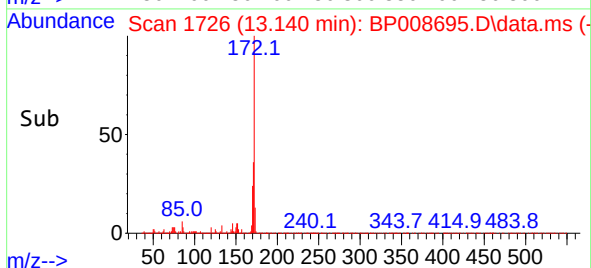
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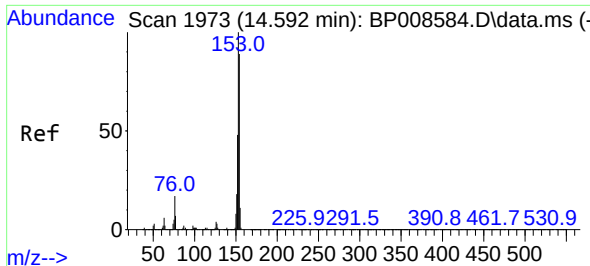


#45
2-Fluorobiphenyl
Concen: 83.085 ng
RT: 13.140 min Scan# 1726
Delta R.T. -0.017 min
Lab File: BP008695.D
Acq: 05 Jan 2022 18:01



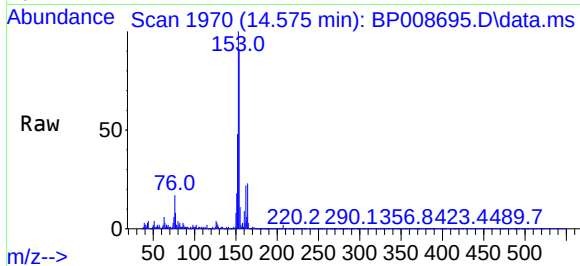
Tgt Ion:172 Resp: 5301512
Ion Ratio Lower Upper
172 100
171 35.7 29.3 43.9
170 23.6 19.5 29.3





#52
Acenaphthene
Concen: 2.188 ng
RT: 14.575 min Scan# 1973
Delta R.T. -0.017 min
Lab File: BP008695.D
Acq: 05 Jan 2022 18:01

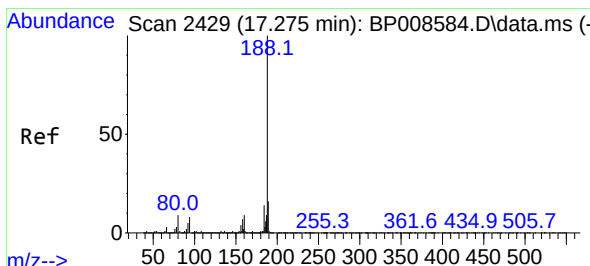
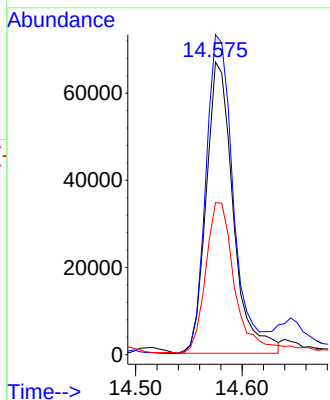
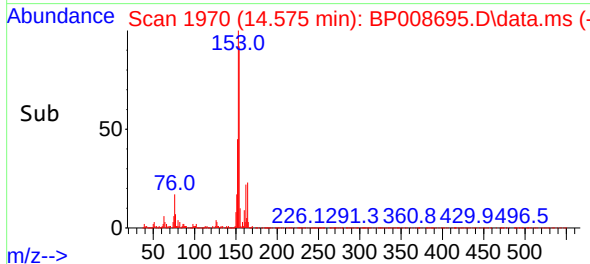
Instrument :
BNA_P
ClientSampleId :
SB-6-(0-2)



Tgt Ion:154 Resp: 117862
Ion Ratio Lower Upper
154 100
153 109.4 89.4 134.2
152 52.0 42.6 63.8

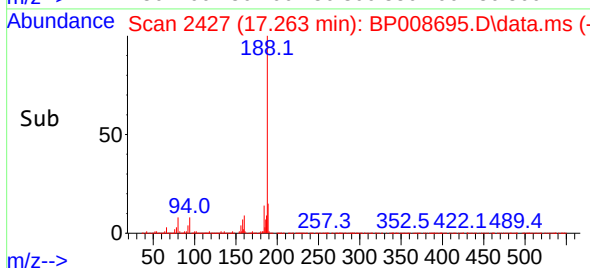
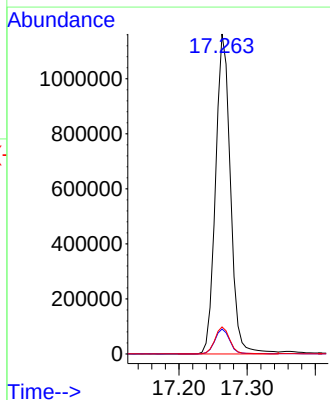
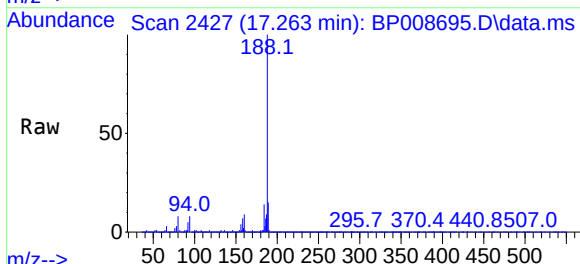
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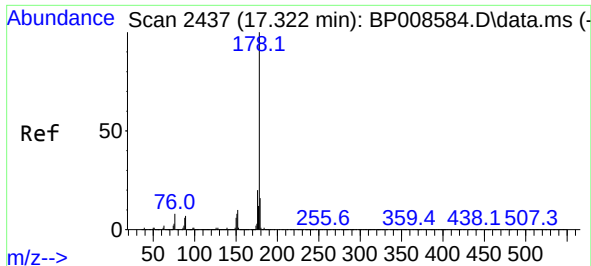
Reviewed By :Christian Giraldo 01/06/2022
Supervised By :Jagrut Upadhyay 01/06/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.263 min Scan# 2427
Delta R.T. -0.012 min
Lab File: BP008695.D
Acq: 05 Jan 2022 18:01

Tgt Ion:188 Resp: 1765393
Ion Ratio Lower Upper
188 100
94 7.8 6.8 10.2
80 8.5 7.2 10.8





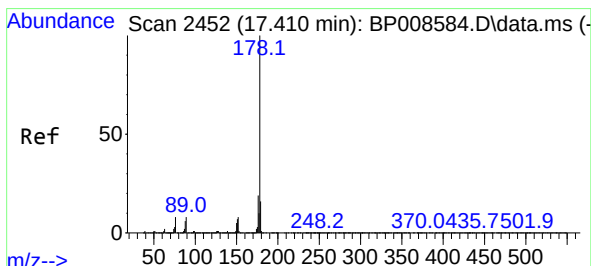
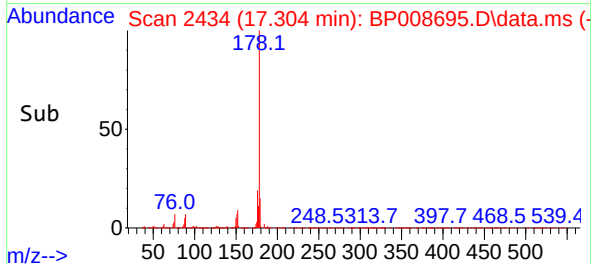
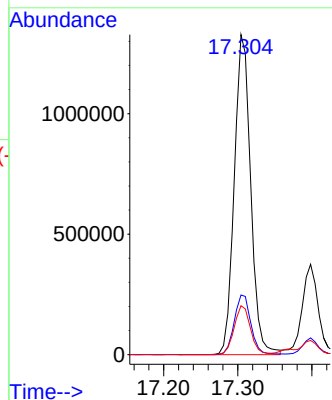
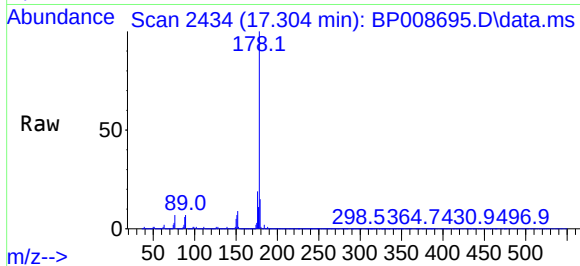
#71
Phenanthrene
Concen: 21.423 ng
RT: 17.304 min Scan# 2437
Delta R.T. -0.017 min
Lab File: BP008695.D
Acq: 05 Jan 2022 18:01

Instrument :
BNA_P
ClientSampleId :
SB-6-(0-2)

Tgt Ion:178 Resp: 203900
Ion Ratio Lower Upper
178 100
176 18.6 16.0 24.0
179 15.3 13.0 19.4

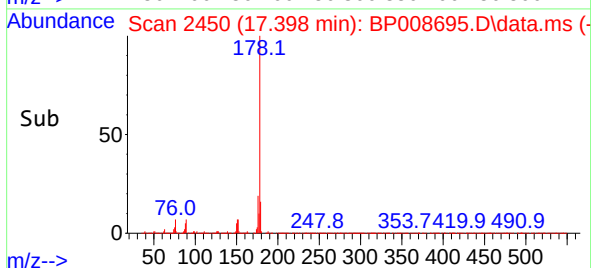
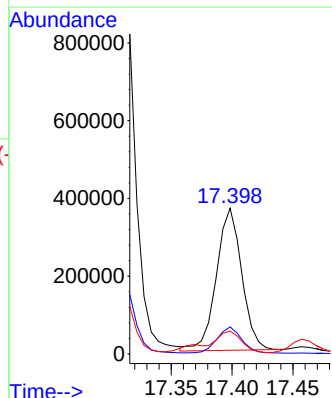
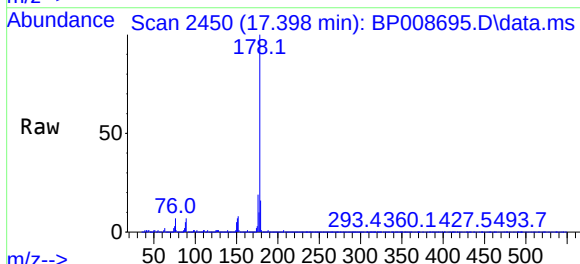
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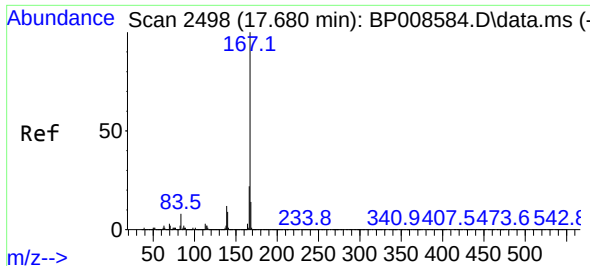
Reviewed By :Christian Giraldo 01/06/2022
Supervised By :Jagrut Upadhyay 01/06/2022



#72
Anthracene
Concen: 5.724 ng
RT: 17.398 min Scan# 2450
Delta R.T. -0.012 min
Lab File: BP008695.D
Acq: 05 Jan 2022 18:01

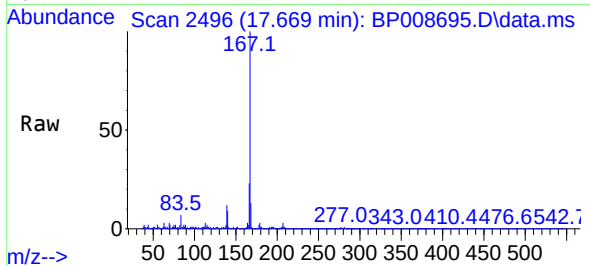
Tgt Ion:178 Resp: 530796
Ion Ratio Lower Upper
178 100
176 18.6 15.1 22.7
179 15.7 12.8 19.2





#73
 Carbazole
 Concen: 3.220 ng
 RT: 17.669 min Scan# 2498
 Delta R.T. -0.011 min
 Lab File: BP008695.D
 Acq: 05 Jan 2022 18:01

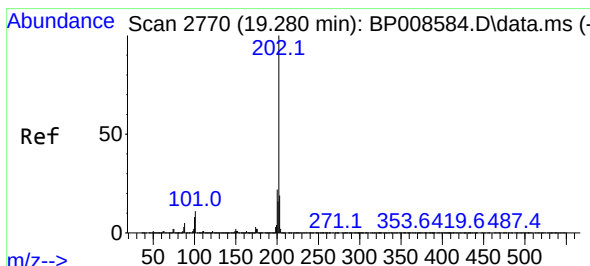
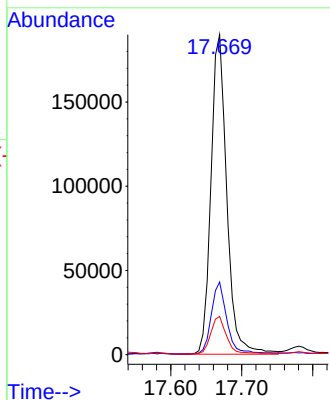
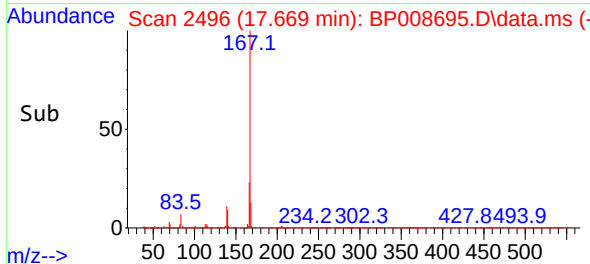
Instrument :
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 SB-6-(0-2)



Tgt Ion:167 Resp: 29307
 Ion Ratio Lower Upper
 167 100
 166 22.7 17.7 26.5
 139 11.9 9.8 14.6

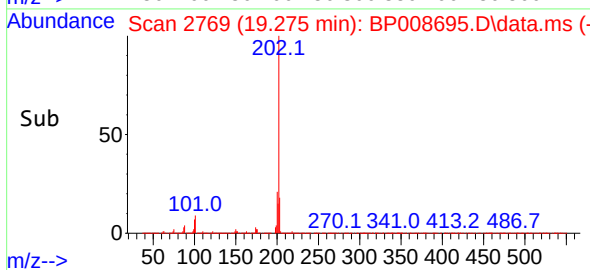
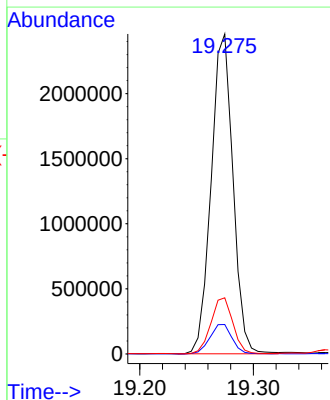
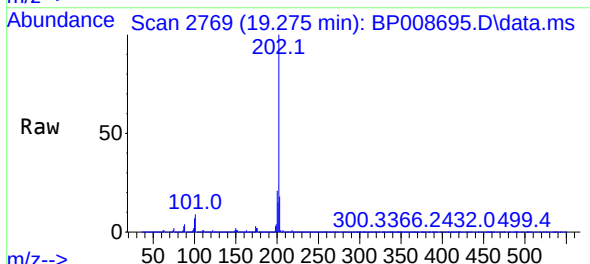
Manual Integrations
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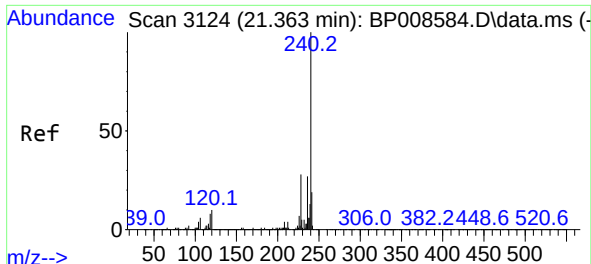
Reviewed By :Christian Giraldo 01/06/2022
 Supervised By :Jagrut Upadhyay 01/06/2022



#75
 Fluoranthene
 Concen: 29.964 ng
 RT: 19.275 min Scan# 2769
 Delta R.T. -0.005 min
 Lab File: BP008695.D
 Acq: 05 Jan 2022 18:01

Tgt Ion:202 Resp: 3280476
 Ion Ratio Lower Upper
 202 100
 101 9.2 0.0 30.7
 203 17.6 0.0 38.9





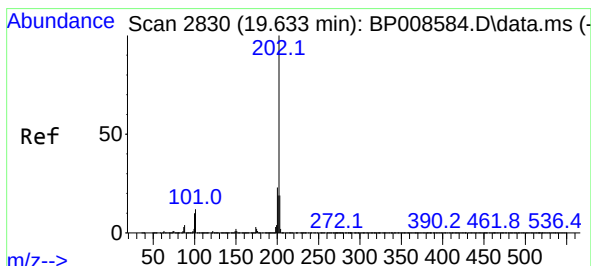
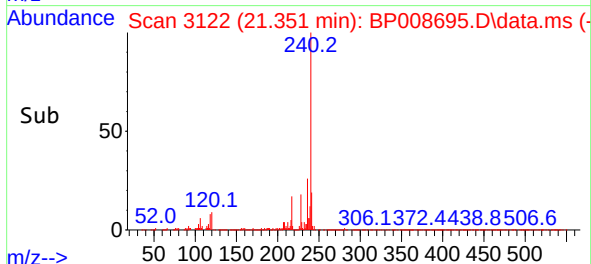
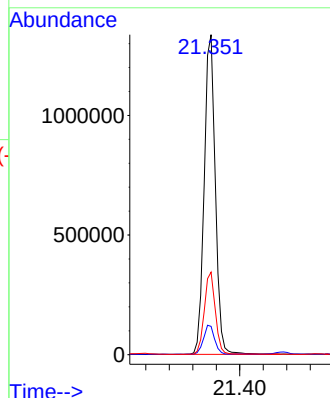
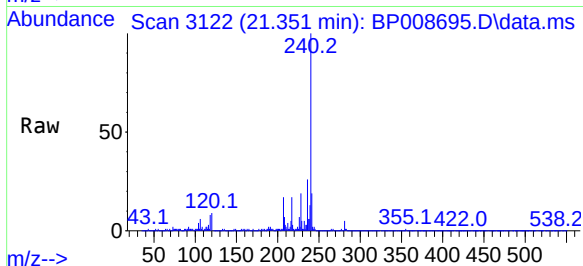
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.351 min Scan# 3124
Delta R.T. -0.012 min
Lab File: BP008695.D
Acq: 05 Jan 2022 18:01

Instrument :
BNA_P
ClientSampleId :
SB-6-(0-2)

Tgt Ion:240 Resp: 175890
Ion Ratio Lower Upper
240 100
120 8.9 7.7 11.5
236 25.8 21.2 31.8

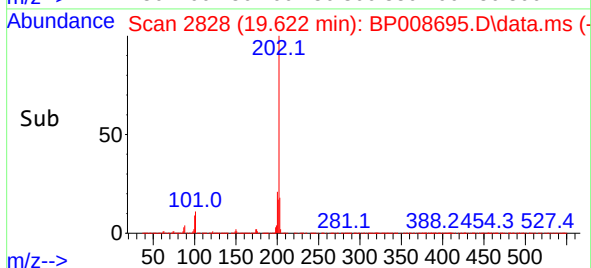
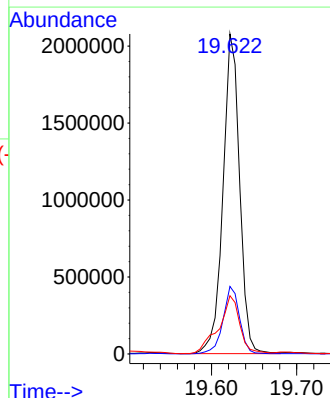
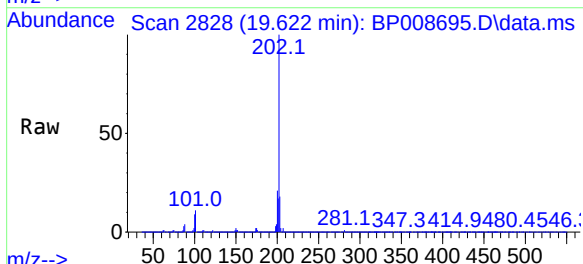
Manual Integrations
APPROVED

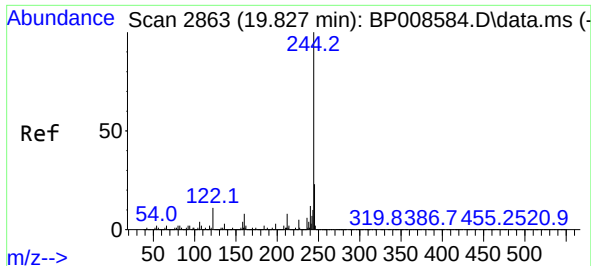
Reviewed By :Christian Giraldo 01/06/2022
Supervised By :Jagrut Upadhyay 01/06/2022



#78
Pyrene
Concen: 24.643 ng
RT: 19.622 min Scan# 2828
Delta R.T. -0.012 min
Lab File: BP008695.D
Acq: 05 Jan 2022 18:01

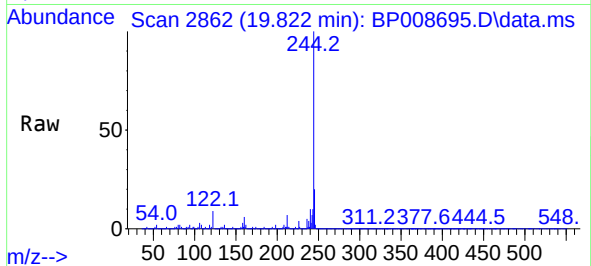
Tgt Ion:202 Resp: 2819800
Ion Ratio Lower Upper
202 100
200 21.1 18.0 27.0
203 18.2 15.0 22.6





#79
Terphenyl-d14
Concen: 69.918 ng
RT: 19.822 min Scan# 21
Delta R.T. -0.005 min
Lab File: BP008695.D
Acq: 05 Jan 2022 18:01

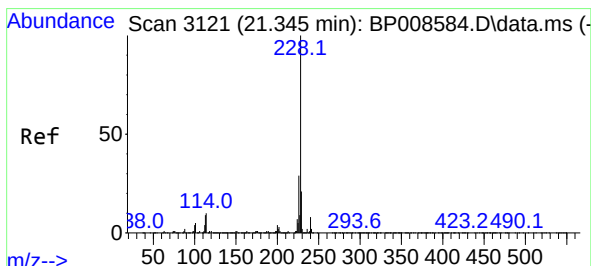
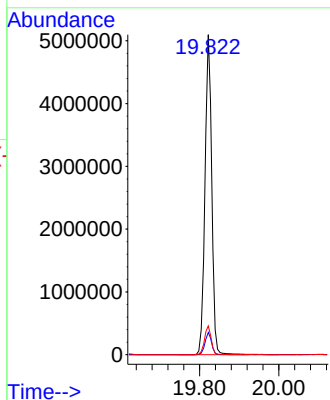
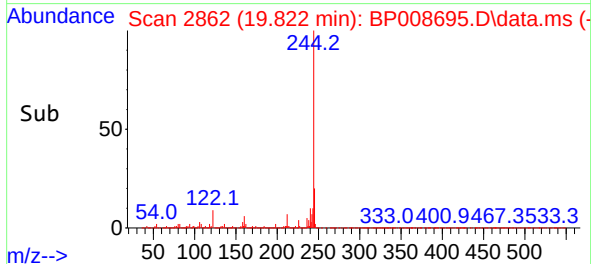
Instrument :
BNA_P
ClientSampleId :
SB-6-(0-2)



Tgt Ion:244 Resp: 6023098
Ion Ratio Lower Upper
244 100
212 6.9 6.5 9.7
122 9.0 9.2 13.8

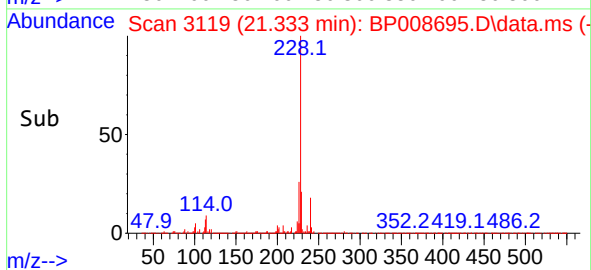
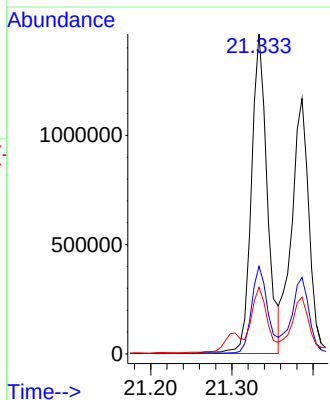
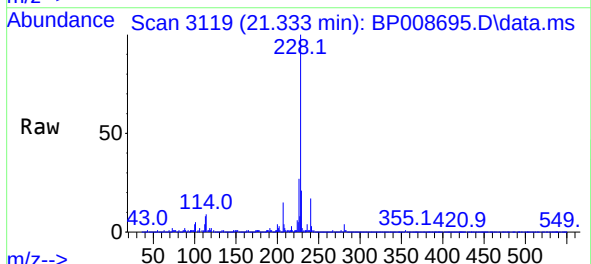
Manual Integrations
APPROVED

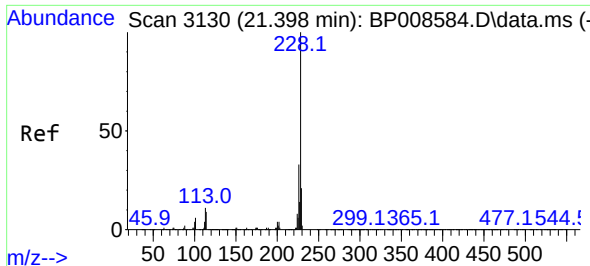
Reviewed By :Christian Giraldo 01/06/2022
Supervised By :Jagrut Upadhyay 01/06/2022



#81
Benzo(a)anthracene
Concen: 17.396 ng
RT: 21.333 min Scan# 3119
Delta R.T. -0.012 min
Lab File: BP008695.D
Acq: 05 Jan 2022 18:01

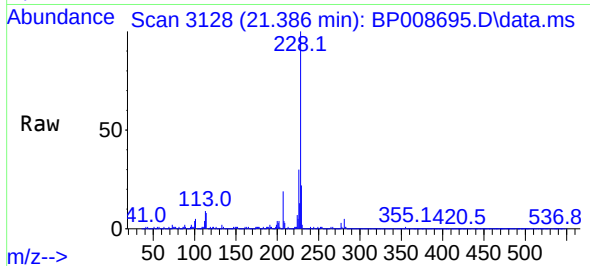
Tgt Ion:228 Resp: 1985014
Ion Ratio Lower Upper
228 100
226 27.4 23.3 34.9
229 20.9 17.0 25.6





#83
Chrysene
Concen: 16.210 ng
RT: 21.386 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP008695.D
Acq: 05 Jan 2022 18:01

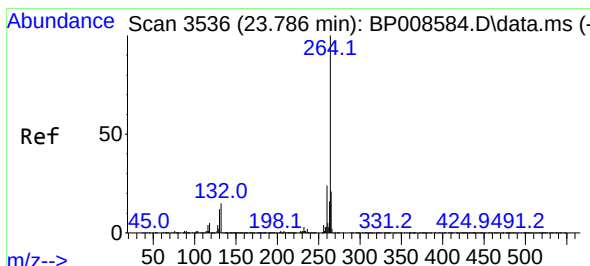
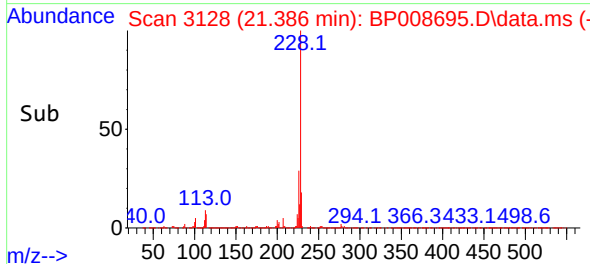
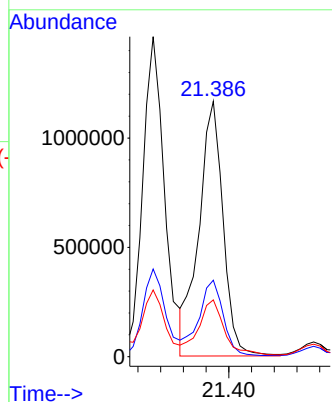
Instrument :
BNA_P
ClientSampleId :
SB-6-(0-2)



Tgt Ion:228 Resp: 172964
Ion Ratio Lower Upper
228 100
226 29.9 26.0 39.0
229 22.3 16.9 25.3

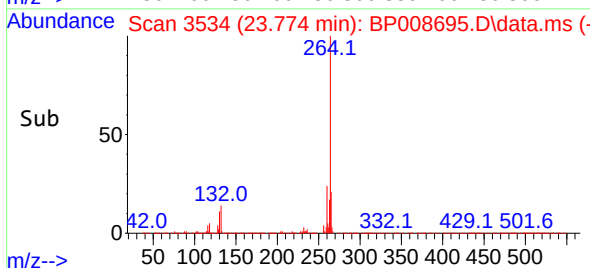
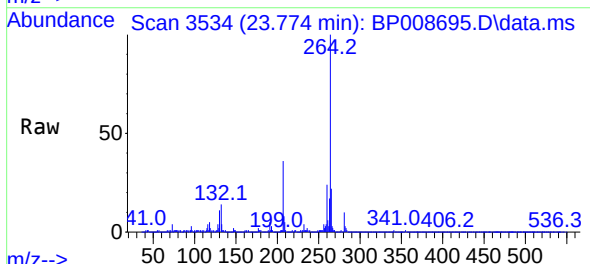
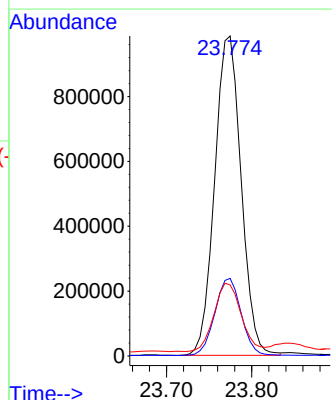
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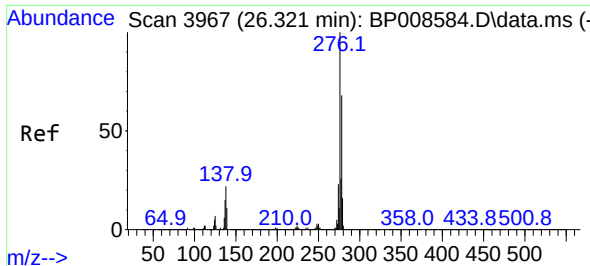
Reviewed By :Christian Giraldo 01/06/2022
Supervised By :Jagrut Upadhyay 01/06/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.774 min Scan# 3534
Delta R.T. -0.012 min
Lab File: BP008695.D
Acq: 05 Jan 2022 18:01

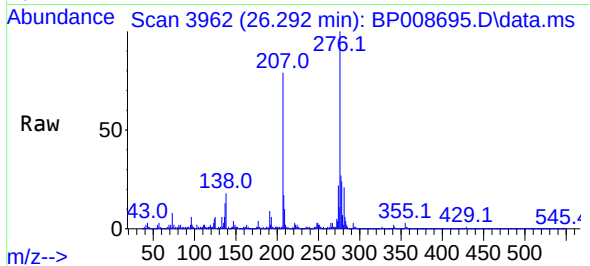
Tgt Ion:264 Resp: 2127621
Ion Ratio Lower Upper
264 100
260 24.3 19.1 28.7
265 22.2 17.1 25.7





#87
Indeno(1,2,3-cd)pyrene
Concen: 10.013 ng
RT: 26.292 min Scan# 3409
Delta R.T. -0.029 min
Lab File: BP008695.D
Acq: 05 Jan 2022 18:01

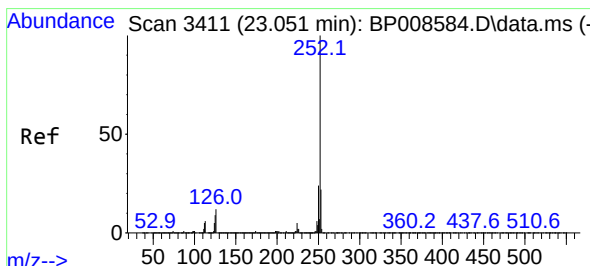
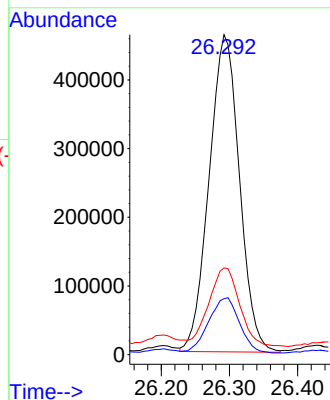
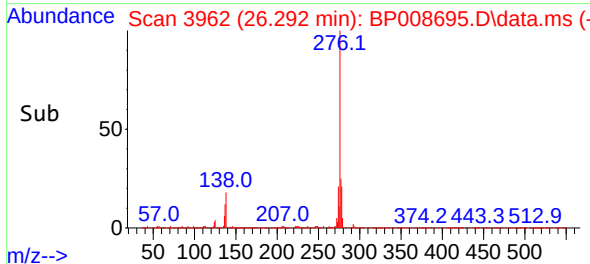
Instrument :
BNA_P
ClientSampleId :
SB-6-(0-2)



Tgt Ion: 276 Resp: 143094
Ion Ratio Lower Upper
276 100
138 17.8 17.8 26.6
277 25.2 20.4 30.6

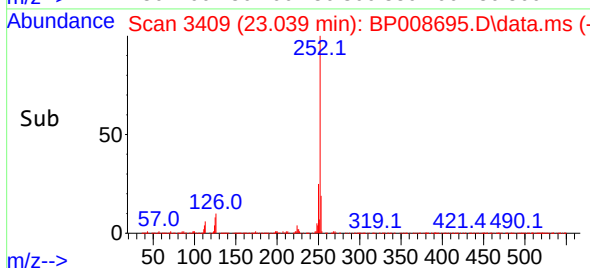
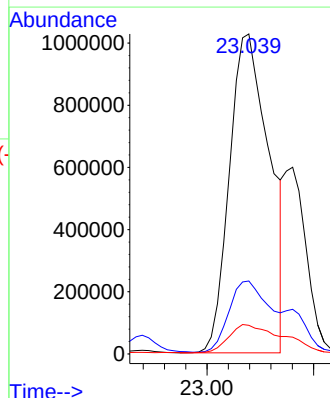
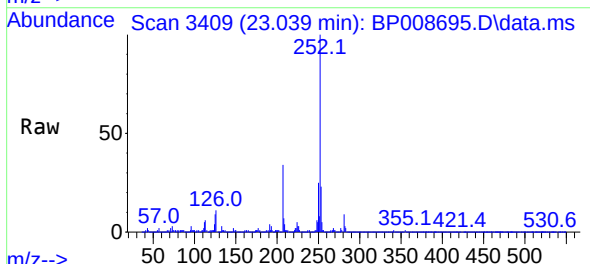
Manual Integrations
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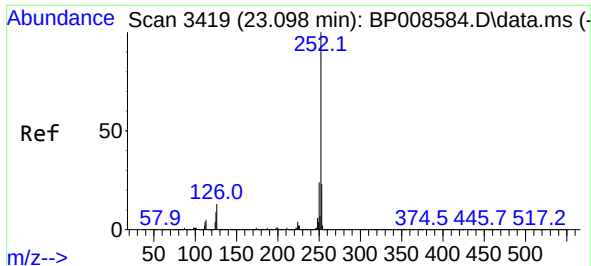
Reviewed By : Christian Giraldo 01/06/2022
Supervised By : Jagrut Upadhyay 01/06/2022



#88
Benzo(b)fluoranthene
Concen: 19.549 ng
RT: 23.039 min Scan# 3409
Delta R.T. -0.012 min
Lab File: BP008695.D
Acq: 05 Jan 2022 18:01

Tgt Ion: 252 Resp: 2674853
Ion Ratio Lower Upper
252 100
253 22.8 18.0 27.0
125 8.9 6.9 10.3





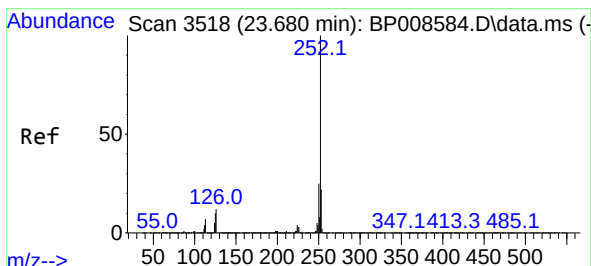
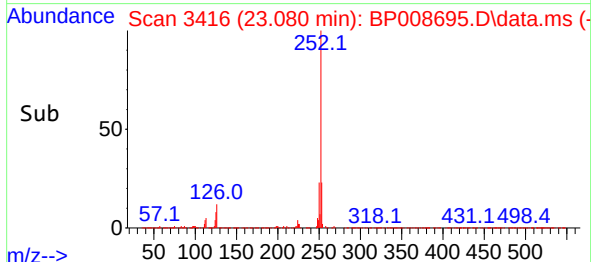
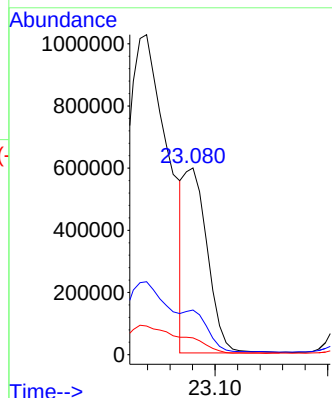
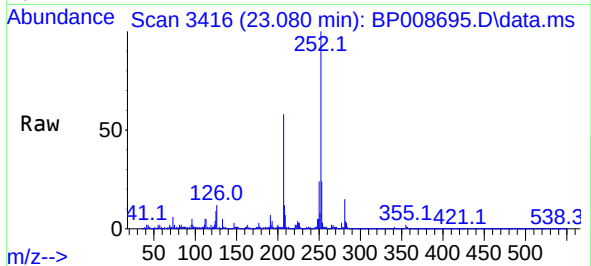
#89
Benzo(k)fluoranthene
Concen: 6.281 ng m
RT: 23.080 min Scan# 3419
Delta R.T. -0.017 min
Lab File: BP008695.D
Acq: 05 Jan 2022 18:01

Instrument :
BNA_P
ClientSampleId :
SB-6-(0-2)

Tgt Ion:252 Resp: 854335
Ion Ratio Lower Upper
252 100
253 23.9 18.2 27.2
125 9.0 7.3 10.9

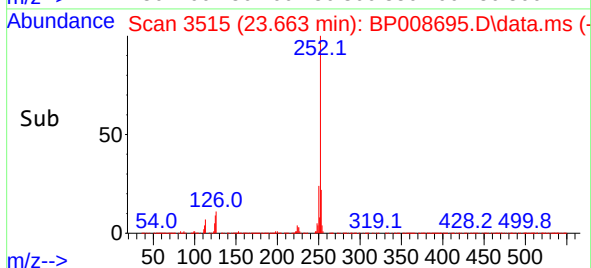
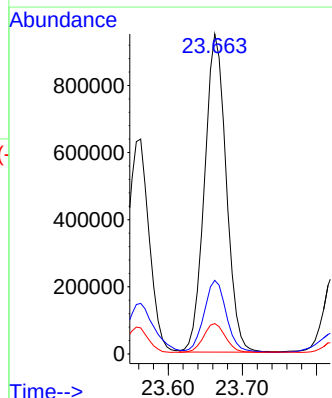
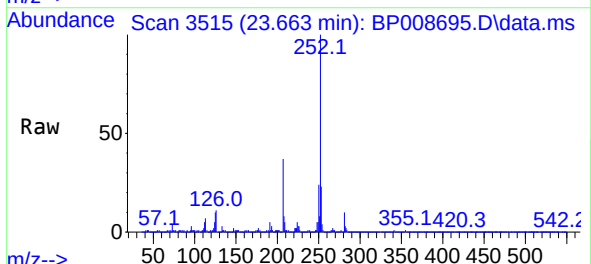
Manual Integrations
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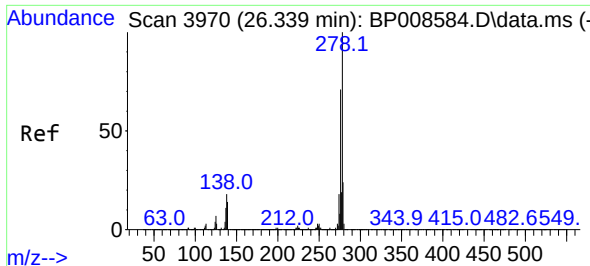
Reviewed By :Christian Giraldo 01/06/2022
Supervised By :Jagrut Upadhyay 01/06/2022



#90
Benzo(a)pyrene
Concen: 17.441 ng
RT: 23.663 min Scan# 3515
Delta R.T. -0.017 min
Lab File: BP008695.D
Acq: 05 Jan 2022 18:01

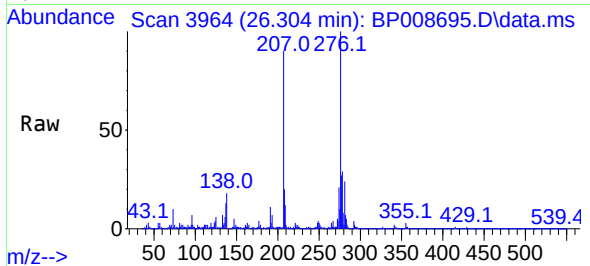
Tgt Ion:252 Resp: 1923804
Ion Ratio Lower Upper
252 100
253 23.0 17.8 26.8
125 9.5 7.8 11.6





#91
Dibenzo(a,h)anthracene
Concen: 3.322 ng m
RT: 26.304 min Scan# 3964
Delta R.T. -0.035 min
Lab File: BP008695.D
Acq: 05 Jan 2022 18:01

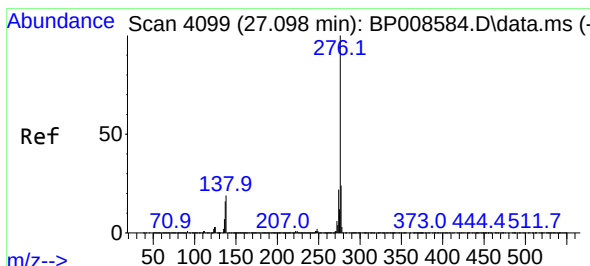
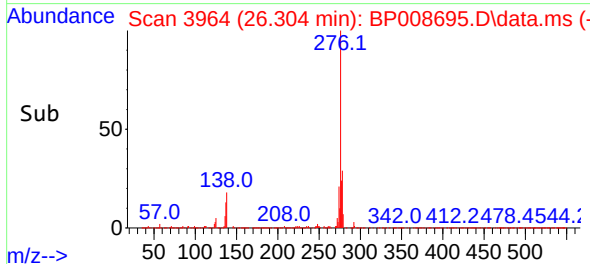
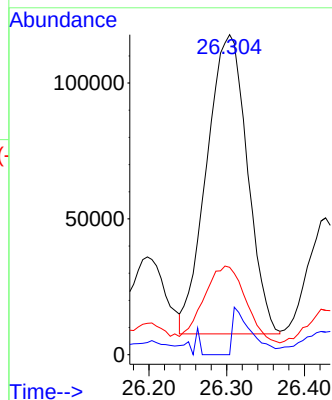
Instrument :
BNA_P
ClientSampleId :
SB-6-(0-2)



Tgt Ion:278 Resp: 40051
Ion Ratio Lower Upper
278 100
139 0.0 11.5 17.3
279 27.3 19.1 28.7

Manual Integrations
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Reviewed By :Christian Giraldo 01/06/2022
Supervised By :Jagrut Upadhyay 01/06/2022



#92
Benzo(g,h,i)perylene
Concen: 12.223 ng
RT: 27.068 min Scan# 4094
Delta R.T. -0.029 min
Lab File: BP008695.D
Acq: 05 Jan 2022 18:01

Tgt Ion:276 Resp: 1377932
Ion Ratio Lower Upper
276 100
277 26.8 19.2 28.8
138 18.4 15.0 22.4

