

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040522\
 Data File : BP009697.D
 Acq On : 05 Apr 2022 14:28
 Operator : CG/JU
 Sample : N2239-01DL 20X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-4DL

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/06/2022
 Supervised By : Jagrut Upadhyay 04/06/2022

Quant Time: Apr 05 15:05:26 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 05 13:35:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	254421	20.000	ng	0.00
21) Naphthalene-d8	10.516	136	1134056	20.000	ng	0.00
39) Acenaphthene-d10	14.375	164	674344	20.000	ng	0.00
64) Phenanthrene-d10	17.139	188	1417813	20.000	ng	0.00
76) Chrysene-d12	21.263	240	1437817	20.000	ng	0.00
86) Perylene-d12	23.633	264	1495471	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	67638	4.642	ng	0.02
7) Phenol-d6	6.957	99	77581	3.937	ng	0.04
23) Nitrobenzene-d5	8.910	82	53301	2.498	ng	0.02
42) 2,4,6-Tribromophenol	15.892	330	31192	2.803	ng	0.01
45) 2-Fluorobiphenyl	12.998	172	154265	3.171	ng	0.00
79) Terphenyl-d14	19.722	244	266778	3.330	ng	0.00
Target Compounds						Qvalue
52) Acenaphthene	14.439	154	146138	4.001	ng	97
55) Dibenzofuran	14.786	168	165844	2.703	ng	99
58) Fluorene	15.434	166	257898	5.344	ng	97
71) Phenanthrene	17.180	178	2131528	28.085	ng	100
72) Anthracene	17.275	178	806481	10.763	ng	99
75) Fluoranthene	19.169	202	3820589	41.581	ng	99
78) Pyrene	19.522	202	3005880	31.726	ng	100
81) Benzo(a)anthracene	21.245	228	1711368	18.117	ng	99
83) Chrysene	21.298	228	1288311	14.403	ng	98
87) Indeno(1,2,3-cd)pyrene	26.098	276	769966	6.786	ng	# 93
88) Benzo(b)fluoranthene	22.910	252	1780469	19.944	ng	99
89) Benzo(k)fluoranthene	22.957	252	594746m	6.804	ng	
90) Benzo(a)pyrene	23.527	252	1291605	16.910	ng	98
91) Dibenzo(a,h)anthracene	26.098	278	217598m	2.301	ng	
92) Benzo(g,h,i)perylene	26.856	276	697529	7.498	ng	97

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

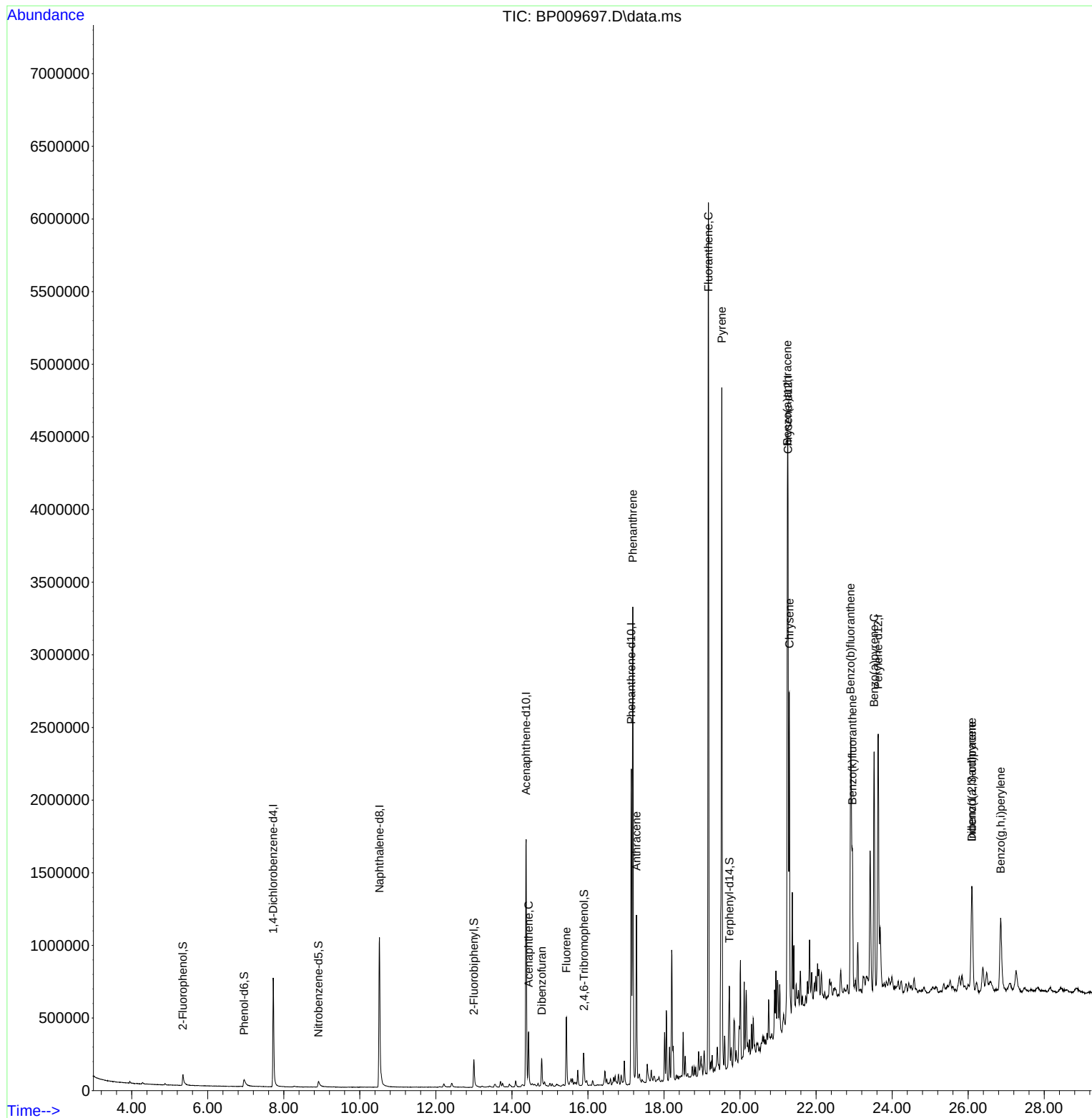
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040522\
Data File : BP009697.D
Acq On : 05 Apr 2022 14:28
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ALS Vial : 7 Sample Multiplier: 1

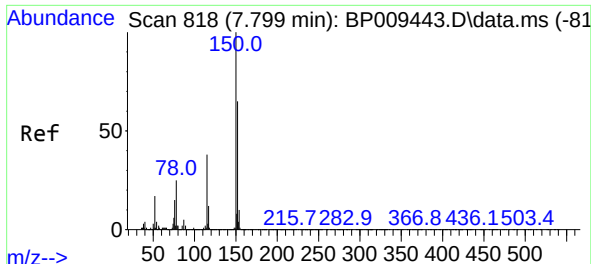
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Quant Time: Apr 05 15:05:26 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
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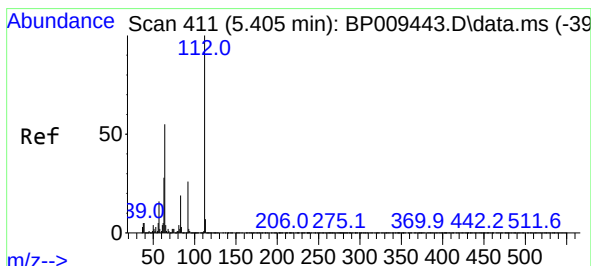
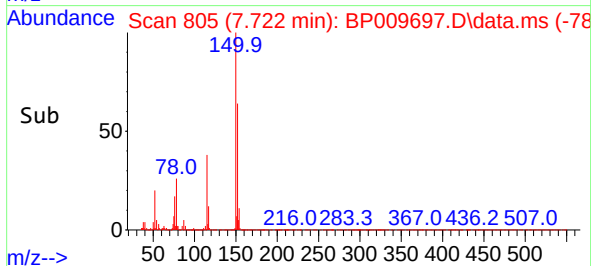
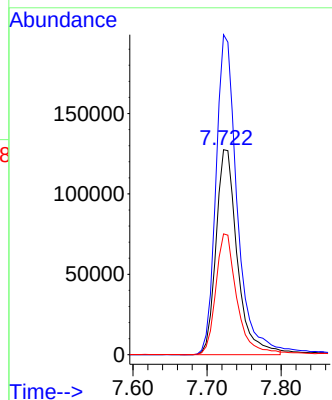
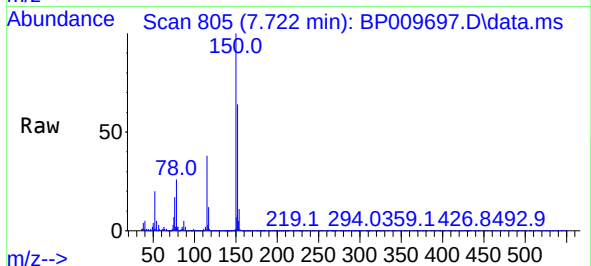
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.722 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP009697.D
Acq: 05 Apr 2022 14:28

Instrument :
BNA_P
ClientSampleId :
TP-4DL

Tgt Ion:152 Resp: 25442
Ion Ratio Lower Upper
152 100
150 156.1 124.5 186.7
115 58.9 48.2 72.4

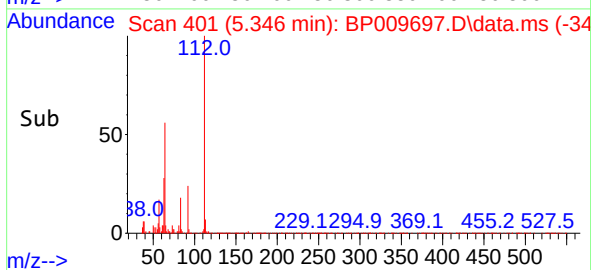
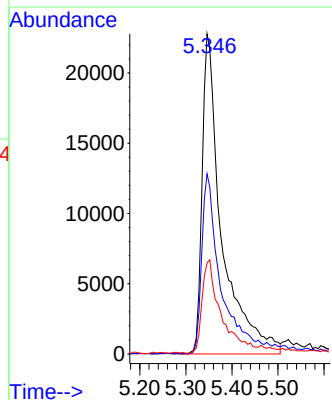
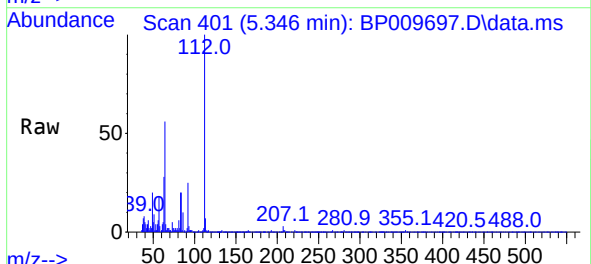
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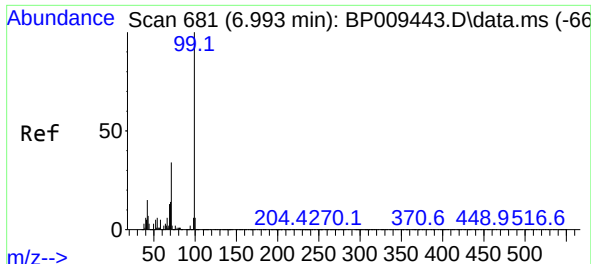
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022



#5
2-Fluorophenol
Concen: 4.642 ng
RT: 5.346 min Scan# 401
Delta R.T. 0.018 min
Lab File: BP009697.D
Acq: 05 Apr 2022 14:28

Tgt Ion:112 Resp: 67638
Ion Ratio Lower Upper
112 100
64 56.3 45.0 67.4
63 28.4 23.0 34.6





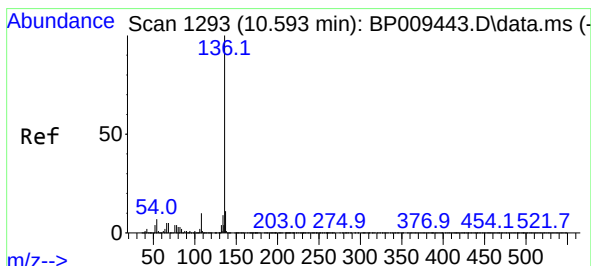
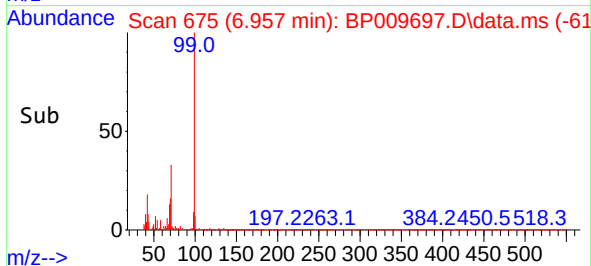
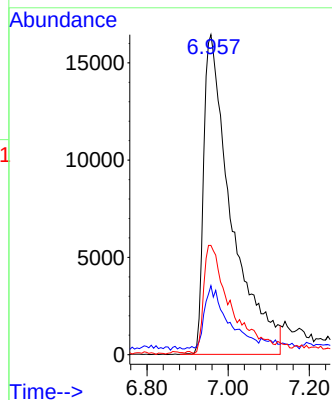
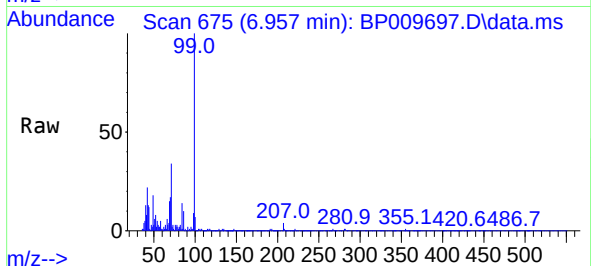
Phenol-d6
Concen: 3.937 ng
RT: 6.957 min Scan# 61
Delta R.T. 0.041 min
Lab File: BP009697.D
Acq: 05 Apr 2022 14:28

Instrument :
BNA_P
ClientSampleId :
TP-4DL

Tgt Ion: 99 Resp: 7758
Ion Ratio Lower Upper
99 100
42 21.6 12.8 19.2
71 34.1 26.3 39.5

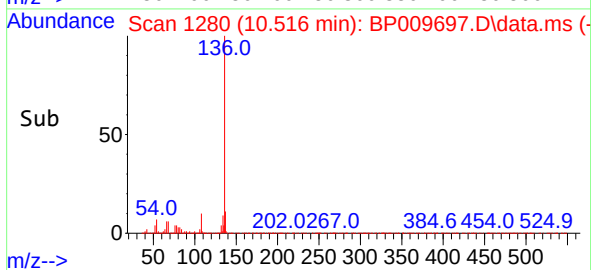
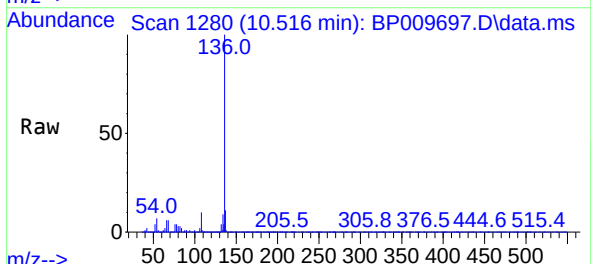
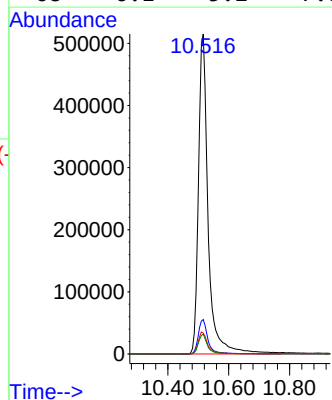
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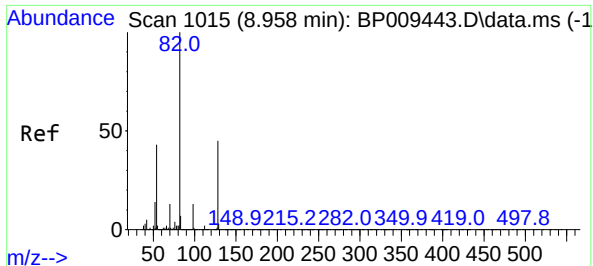
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.516 min Scan# 1280
Delta R.T. -0.000 min
Lab File: BP009697.D
Acq: 05 Apr 2022 14:28

Tgt Ion:136 Resp: 1134056
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 6.6 5.8 8.8
68 6.1 5.2 7.8





#23

Nitrobenzene-d5

Concen: 2.498 ng

RT: 8.910 min Scan# 1015

Delta R.T. 0.023 min

Lab File: BP009697.D

Acq: 05 Apr 2022 14:28

Instrument :

BNP_P

ClientSampleId :

TP-4DL

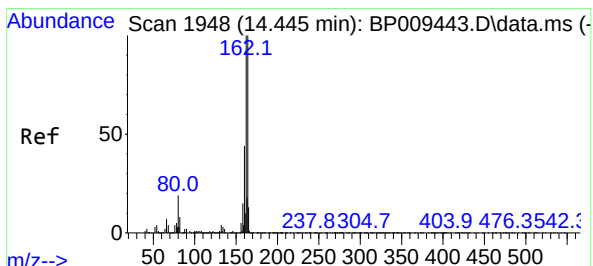
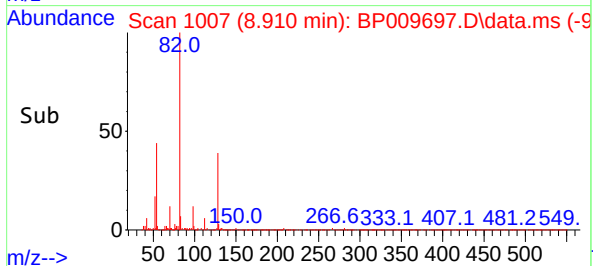
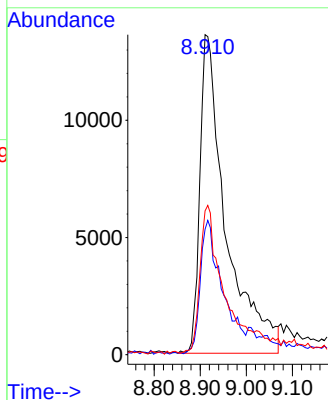
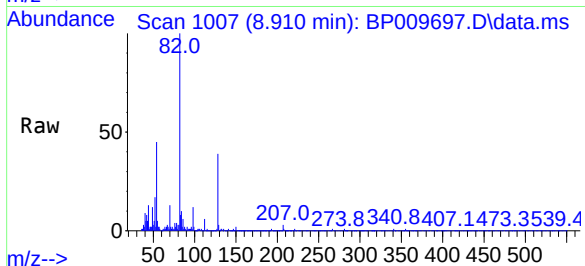
Tgt Ion:	82	Resp:	5330
Ion Ratio	Lower	Upper	
82	100		
128	39.2	34.2	51.4
54	45.0	34.7	52.1

Manual Integrations

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#39

Acenaphthene-d10

Concen: 20.000 ng

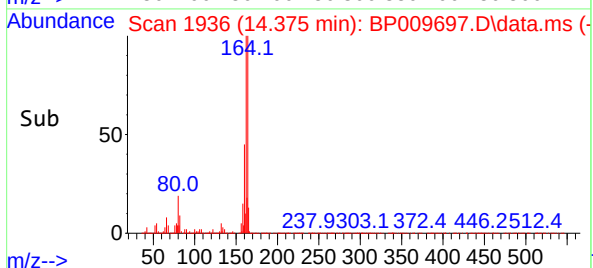
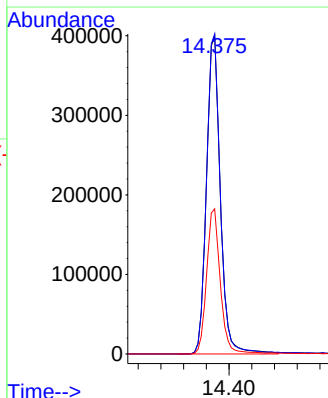
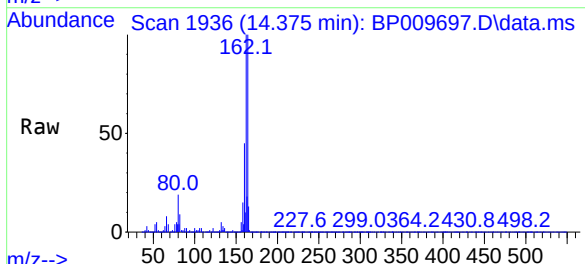
RT: 14.375 min Scan# 1936

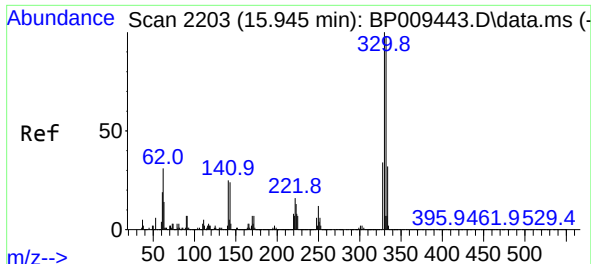
Delta R.T. -0.000 min

Lab File: BP009697.D

Acq: 05 Apr 2022 14:28

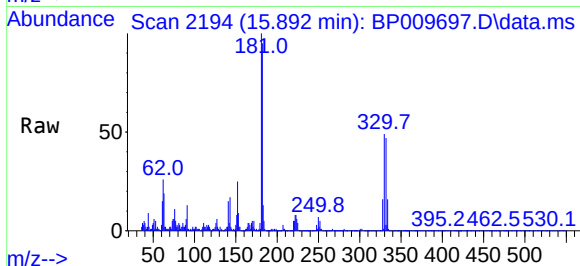
Tgt Ion:	164	Resp:	674344
Ion Ratio	Lower	Upper	
164	100		
162	100.4	79.1	118.7
160	45.5	34.9	52.3





#42
2,4,6-Tribromophenol
Concen: 2.803 ng
RT: 15.892 min Scan# 2194
Delta R.T. 0.012 min
Lab File: BP009697.D
Acq: 05 Apr 2022 14:28

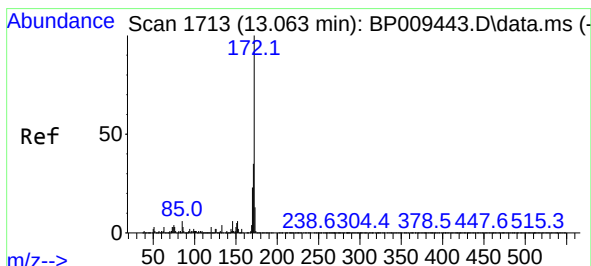
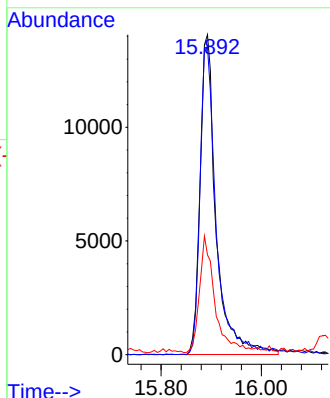
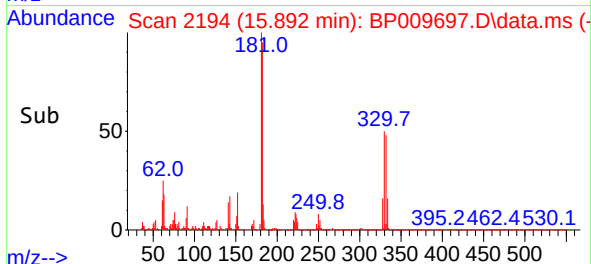
Instrument :
BNA_P
ClientSampleId :
TP-4DL



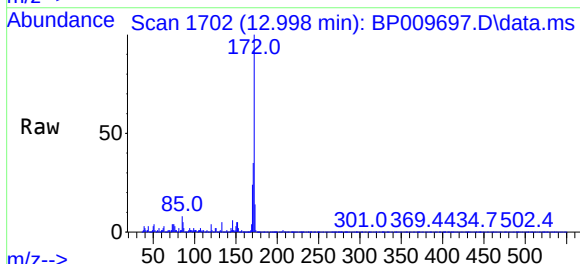
Tgt Ion: 330 Resp: 3119
Ion Ratio Lower Upper
330 100
332 97.9 77.0 115.6
141 35.0 27.6 41.4

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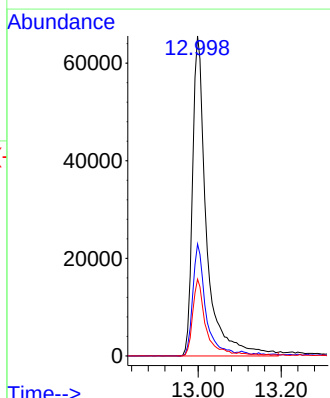
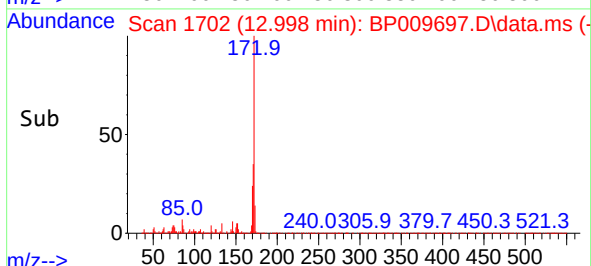
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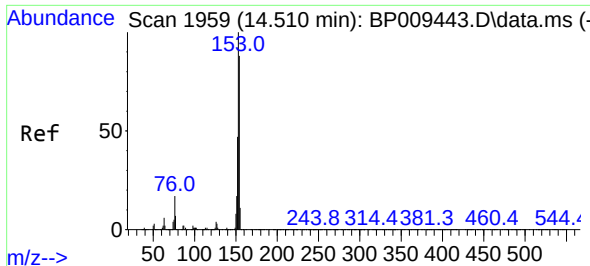


#45
2-Fluorobiphenyl
Concen: 3.171 ng
RT: 12.998 min Scan# 1702
Delta R.T. 0.006 min
Lab File: BP009697.D
Acq: 05 Apr 2022 14:28



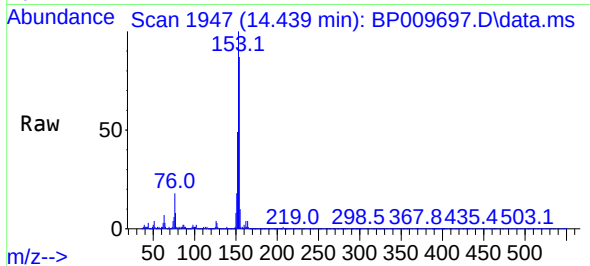
Tgt Ion: 172 Resp: 154265
Ion Ratio Lower Upper
172 100
171 35.0 28.0 42.0
170 24.0 18.6 27.8





#52
Acenaphthene
Concen: 4.001 ng
RT: 14.439 min Scan# 1959
Delta R.T. -0.000 min
Lab File: BP009697.D
Acq: 05 Apr 2022 14:28

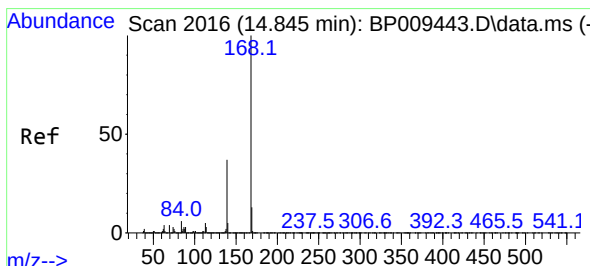
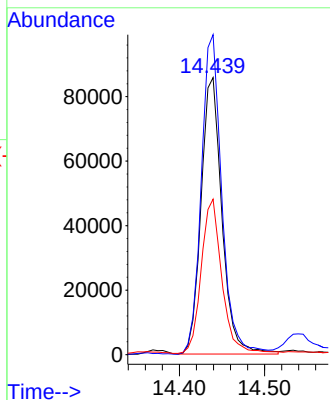
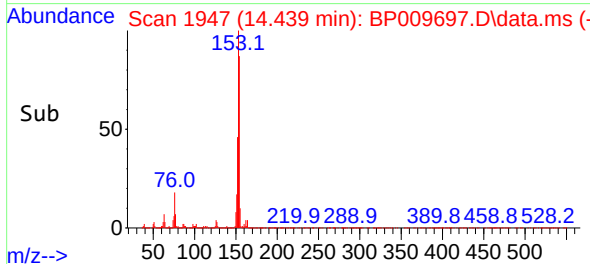
Instrument :
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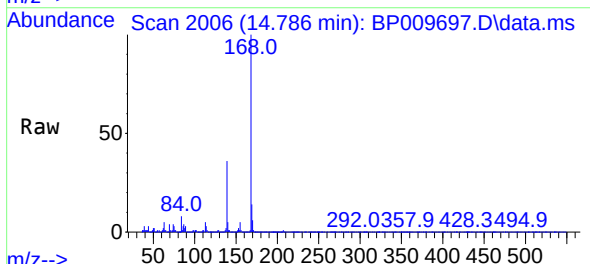
Tgt Ion:154 Resp: 146138
Ion Ratio Lower Upper
154 100
153 115.5 90.2 135.4
152 56.1 42.7 64.1

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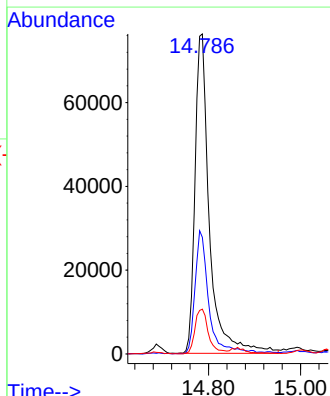
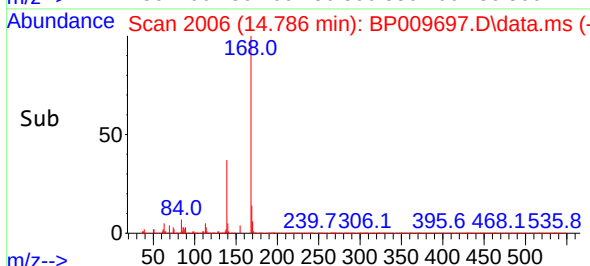
Reviewed By :Christian Giraldo 04/06/2022
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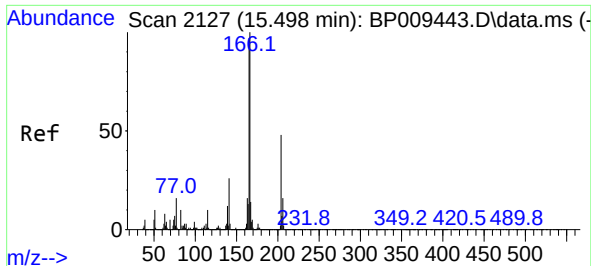


#55
Dibenzofuran
Concen: 2.703 ng
RT: 14.786 min Scan# 2006
Delta R.T. 0.012 min
Lab File: BP009697.D
Acq: 05 Apr 2022 14:28



Tgt Ion:168 Resp: 165844
Ion Ratio Lower Upper
168 100
139 36.5 29.1 43.7
169 14.0 10.6 16.0





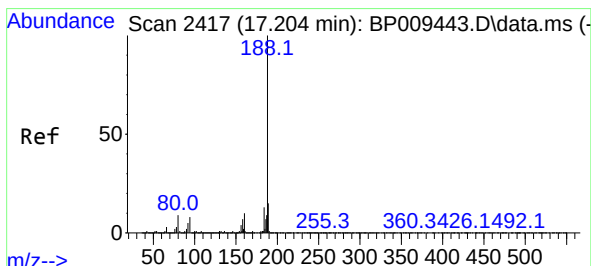
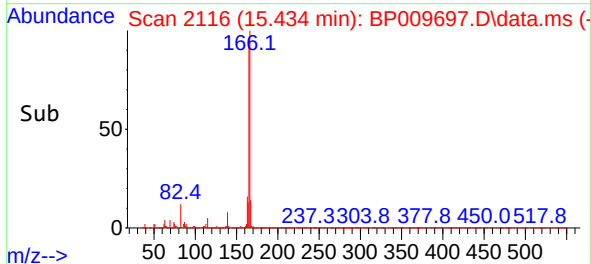
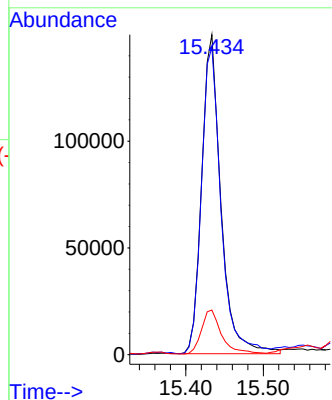
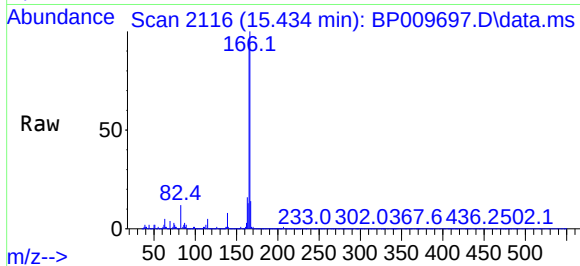
#58
Fluorene
Concen: 5.344 ng
RT: 15.434 min Scan# 2127
Delta R.T. 0.006 min
Lab File: BP009697.D
Acq: 05 Apr 2022 14:28

Instrument :
BNA_P
ClientSampleId :
TP-4DL

Tgt Ion:166 Resp: 257898
Ion Ratio Lower Upper
166 100
165 96.1 79.2 118.8
167 13.9 10.7 16.1

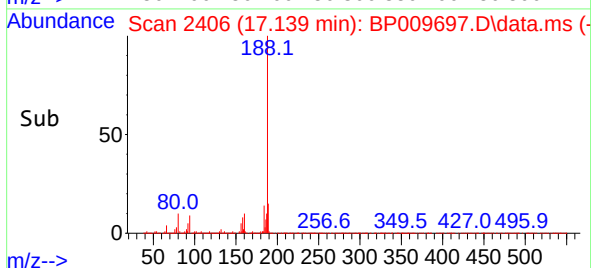
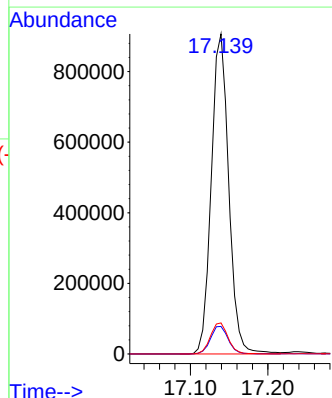
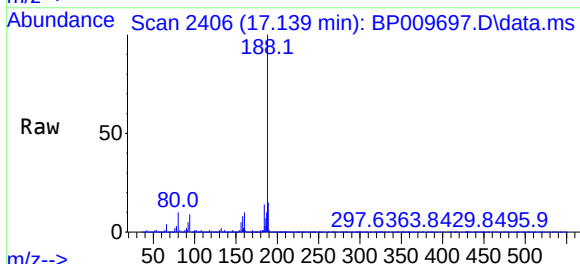
Manual Integrations
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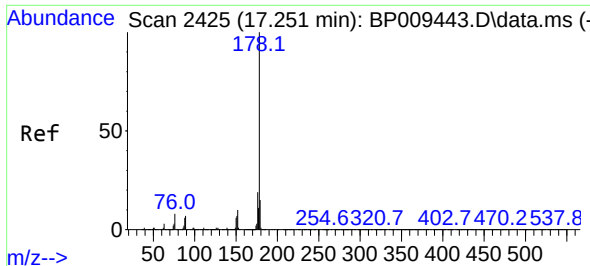
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 2406
Delta R.T. -0.000 min
Lab File: BP009697.D
Acq: 05 Apr 2022 14:28

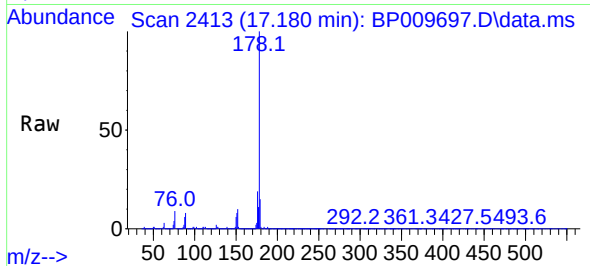
Tgt Ion:188 Resp: 1417813
Ion Ratio Lower Upper
188 100
94 8.6 7.9 11.9
80 9.7 8.8 13.2





#71
Phenanthrene
Concen: 28.085 ng
RT: 17.180 min Scan# 2413
Delta R.T. -0.000 min
Lab File: BP009697.D
Acq: 05 Apr 2022 14:28

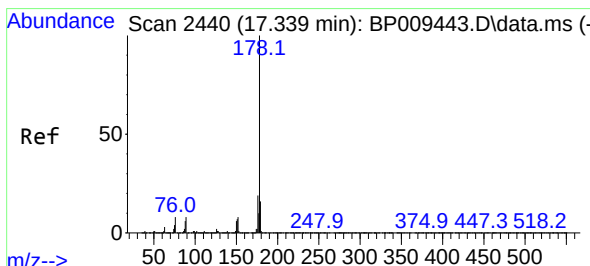
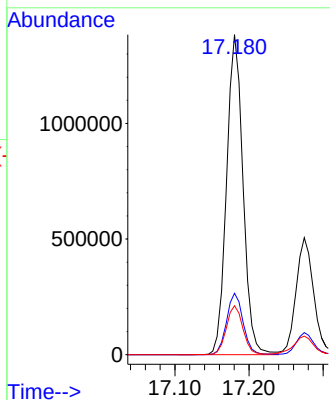
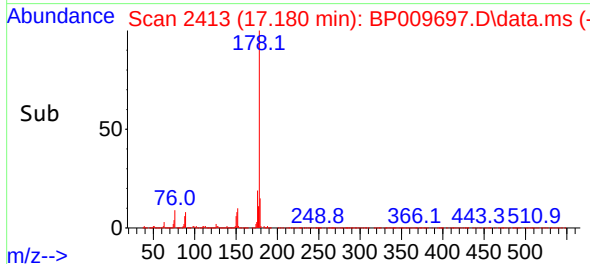
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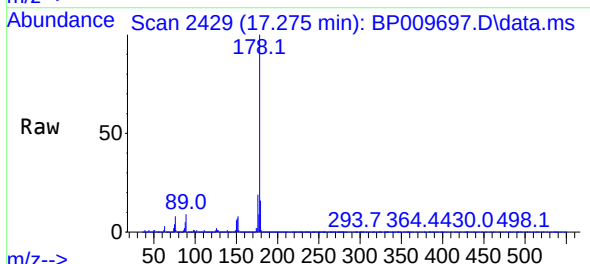
Tgt Ion:178 Resp: 2131528
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 15.3 12.3 18.5

Manual Integrations
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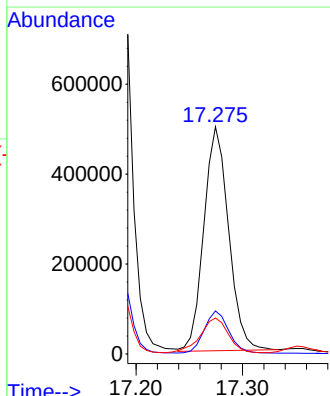
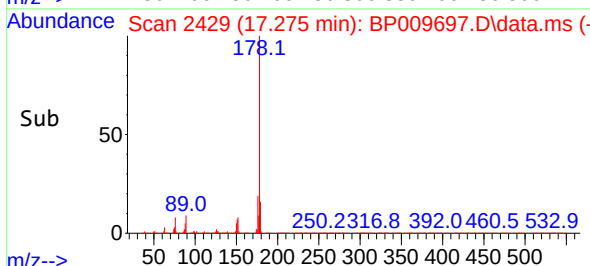
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022

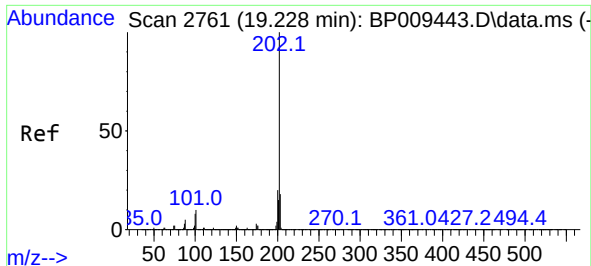


#72
Anthracene
Concen: 10.763 ng
RT: 17.275 min Scan# 2429
Delta R.T. -0.000 min
Lab File: BP009697.D
Acq: 05 Apr 2022 14:28



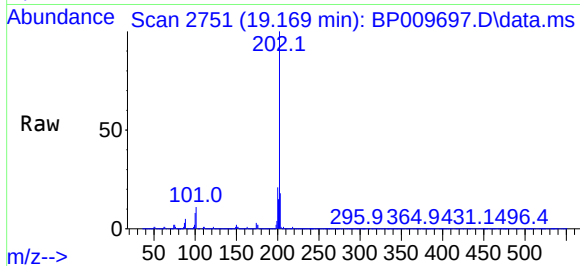
Tgt Ion:178 Resp: 806481
Ion Ratio Lower Upper
178 100
176 19.0 14.8 22.2
179 15.8 12.2 18.4





#75
Fluoranthene
Concen: 41.581 ng
RT: 19.169 min Scan# 2107
Delta R.T. -0.000 min
Lab File: BP009697.D
Acq: 05 Apr 2022 14:28

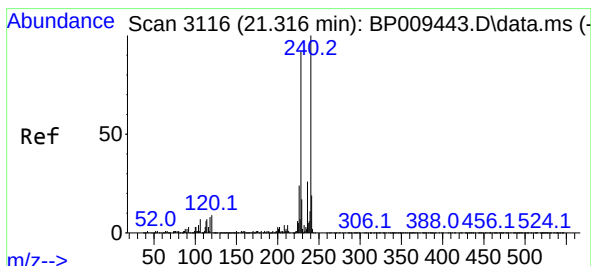
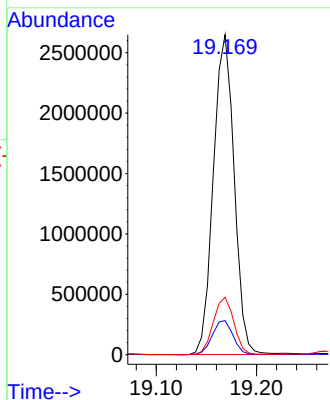
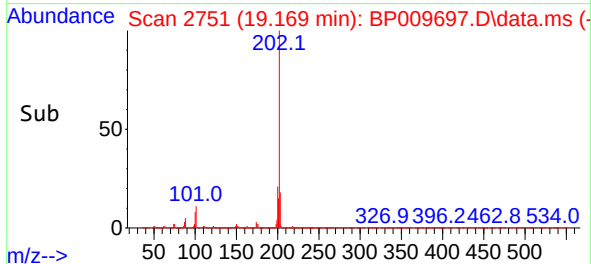
Instrument :
BNA_P
ClientSampleId :
TP-4DL



Tgt Ion:202 Resp: 3820589
Ion Ratio Lower Upper
202 100
101 10.6 0.0 31.5
203 17.9 0.0 37.8

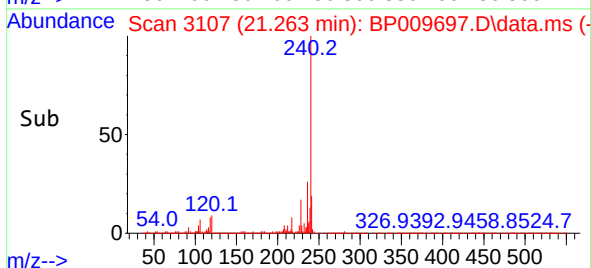
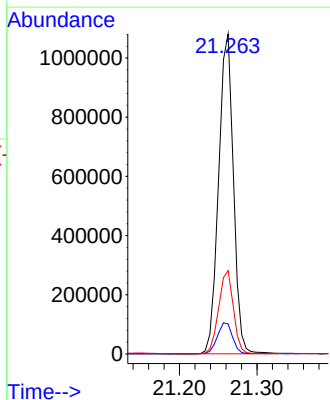
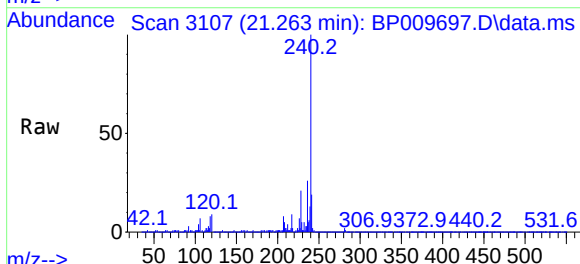
Manual Integrations
APPROVED

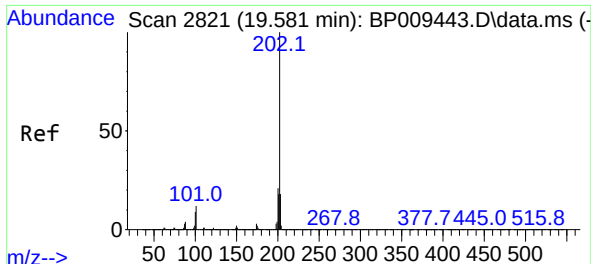
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.263 min Scan# 3107
Delta R.T. 0.006 min
Lab File: BP009697.D
Acq: 05 Apr 2022 14:28

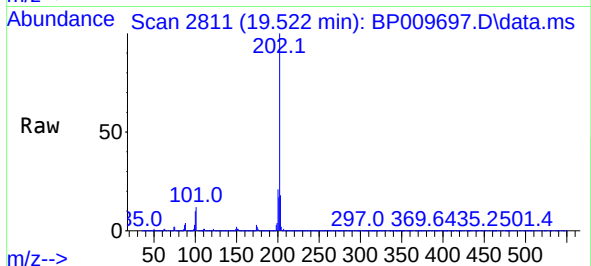
Tgt Ion:240 Resp: 1437817
Ion Ratio Lower Upper
240 100
120 9.4 9.0 13.4
236 26.0 20.6 30.8





#78
Pyrene
Concen: 31.726 ng
RT: 19.522 min Scan# 2811
Delta R.T. -0.000 min
Lab File: BP009697.D
Acq: 05 Apr 2022 14:28

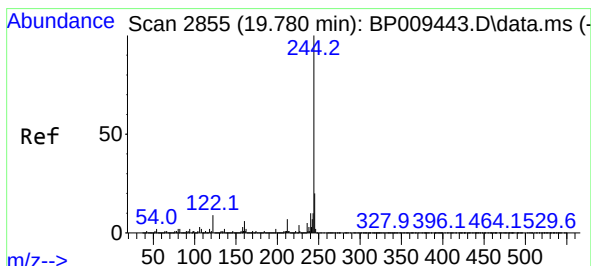
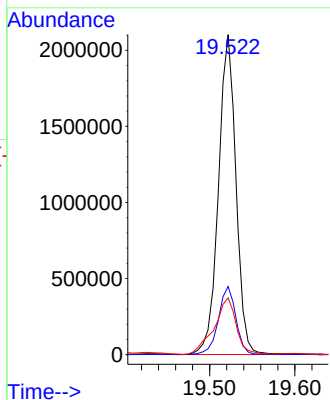
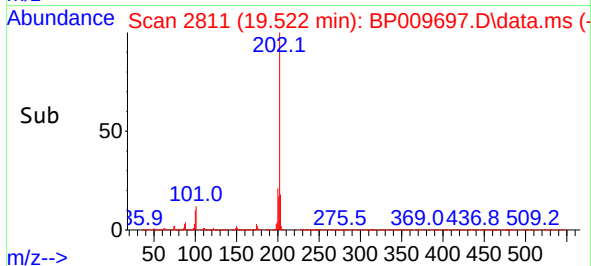
Instrument :
BNA_P
ClientSampleId :
TP-4DL



Tgt Ion:202 Resp: 3005880
Ion Ratio Lower Upper
202 100
200 21.3 16.8 25.2
203 17.8 14.2 21.4

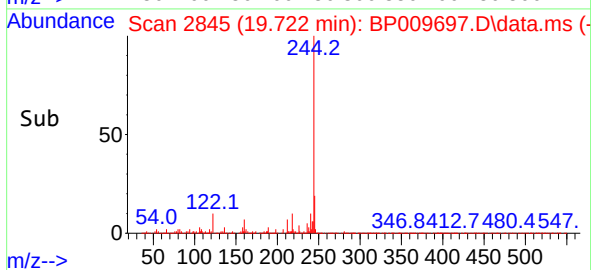
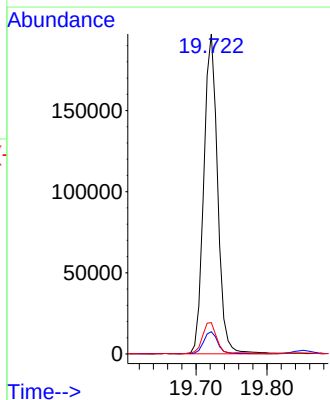
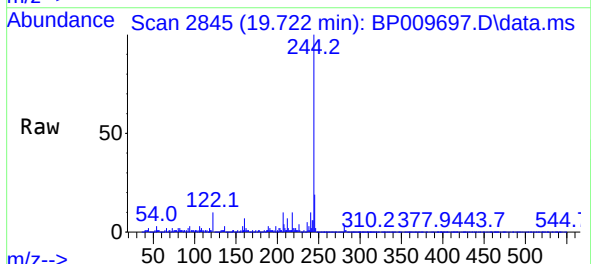
Manual Integrations
APPROVED

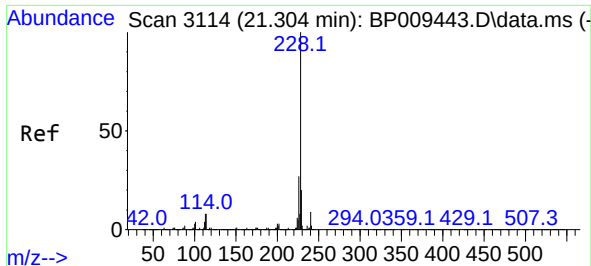
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022



#79
Terphenyl-d14
Concen: 3.330 ng
RT: 19.722 min Scan# 2845
Delta R.T. -0.000 min
Lab File: BP009697.D
Acq: 05 Apr 2022 14:28

Tgt Ion:244 Resp: 266778
Ion Ratio Lower Upper
244 100
212 6.9 5.8 8.6
122 9.8 8.3 12.5





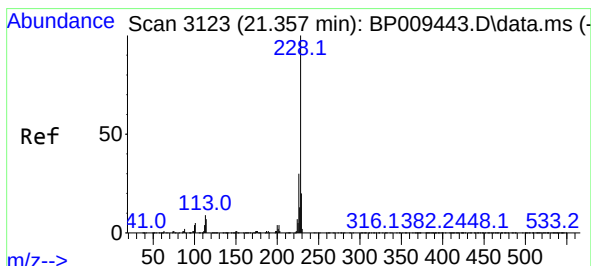
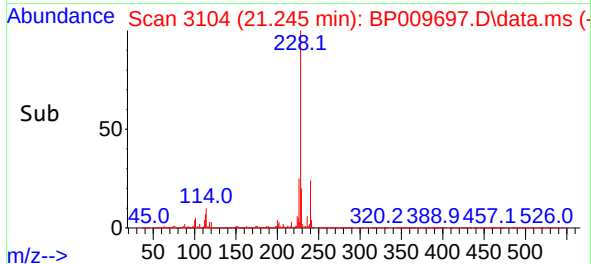
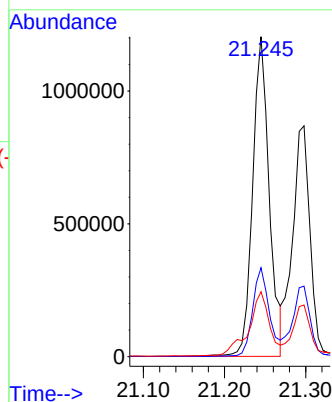
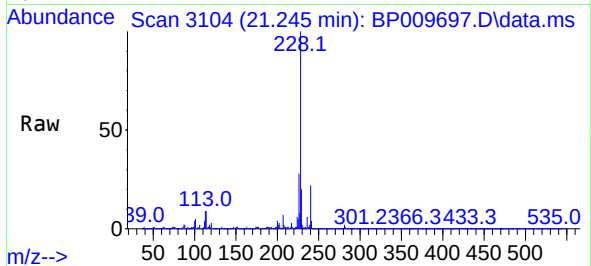
#81
Benzo(a)anthracene
Concen: 18.117 ng
RT: 21.245 min Scan# 3114
Delta R.T. -0.000 min
Lab File: BP009697.D
Acq: 05 Apr 2022 14:28

Instrument :
BNA_P
ClientSampleId :
TP-4DL

Tgt Ion:228 Resp: 1711368
Ion Ratio Lower Upper
228 100
226 27.8 22.0 33.0
229 20.3 16.1 24.1

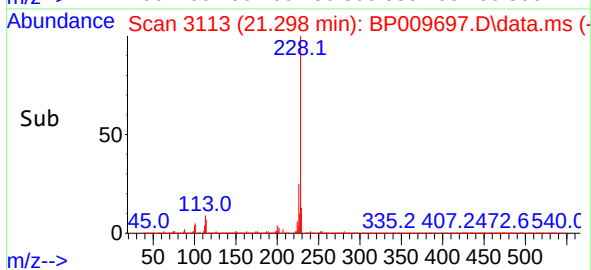
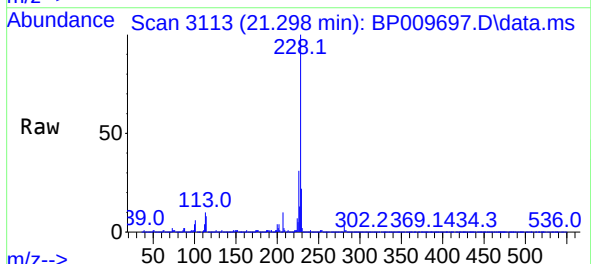
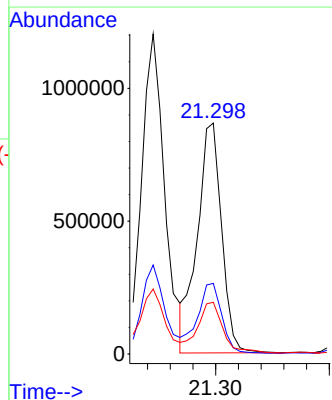
Manual Integrations
APPROVED

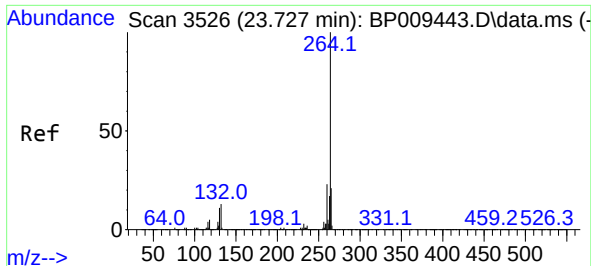
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022



#83
Chrysene
Concen: 14.403 ng
RT: 21.298 min Scan# 3113
Delta R.T. -0.000 min
Lab File: BP009697.D
Acq: 05 Apr 2022 14:28

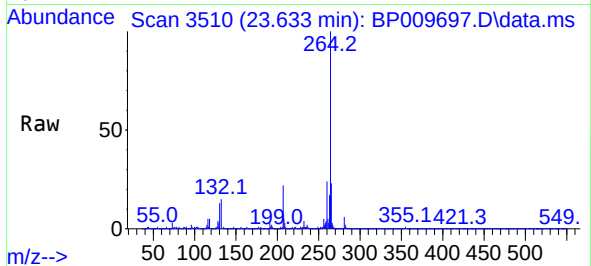
Tgt Ion:228 Resp: 1288311
Ion Ratio Lower Upper
228 100
226 30.5 24.2 36.2
229 22.4 16.1 24.1





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.633 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: BP009697.D
 Acq: 05 Apr 2022 14:28

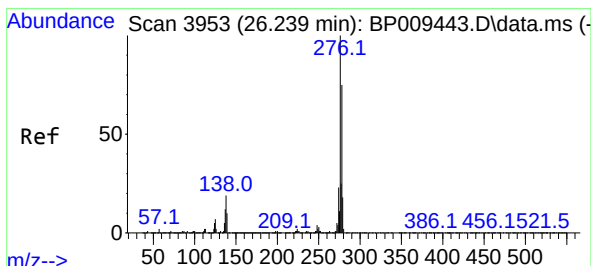
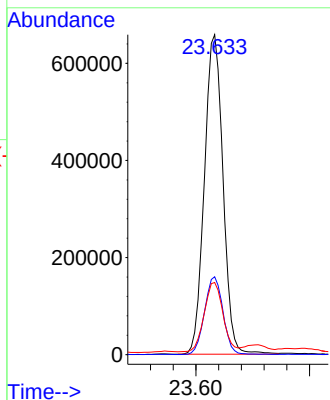
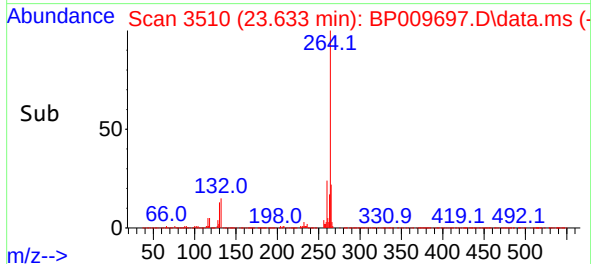
Instrument :
 BNA_P
 ClientSampleId :
 TP-4DL



Tgt Ion:264 Resp: 149547
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.4 29.0
 265 22.5 17.2 25.8

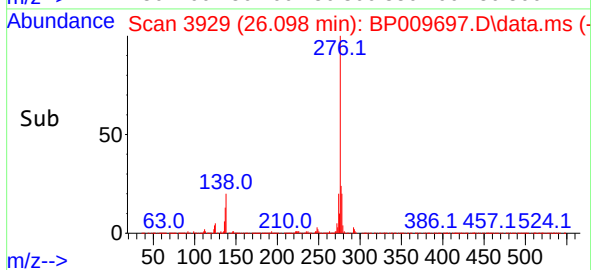
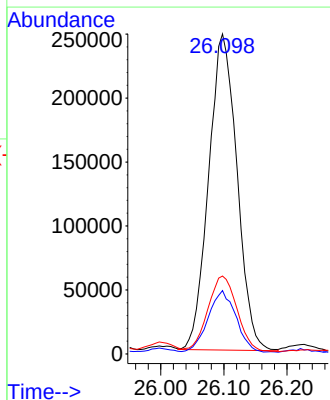
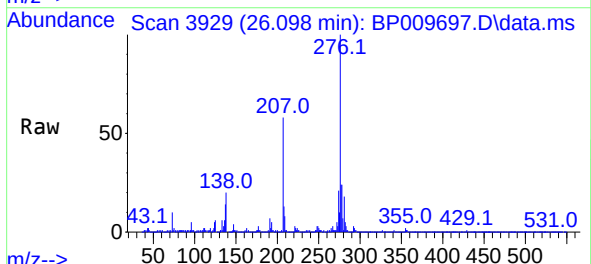
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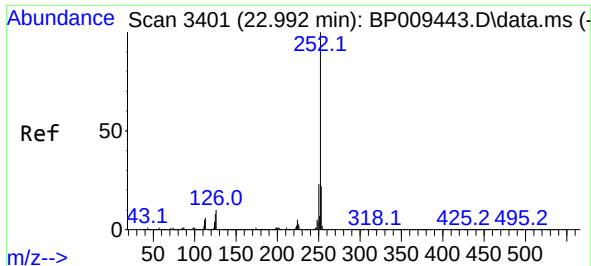
Reviewed By :Christian Giraldo 04/06/2022
 Supervised By :Jagrut Upadhyay 04/06/2022



#87
 Indeno(1,2,3-cd)pyrene
 Concen: 6.786 ng
 RT: 26.098 min Scan# 3929
 Delta R.T. -0.006 min
 Lab File: BP009697.D
 Acq: 05 Apr 2022 14:28

Tgt Ion:276 Resp: 769966
 Ion Ratio Lower Upper
 276 100
 138 19.4 20.5 30.7#
 277 24.8 20.4 30.6





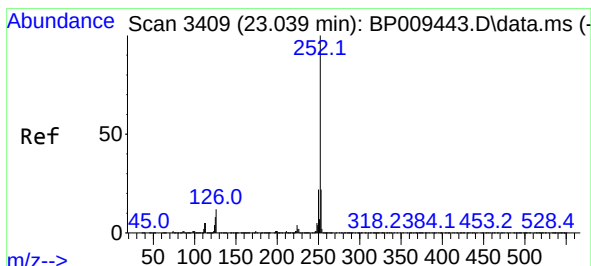
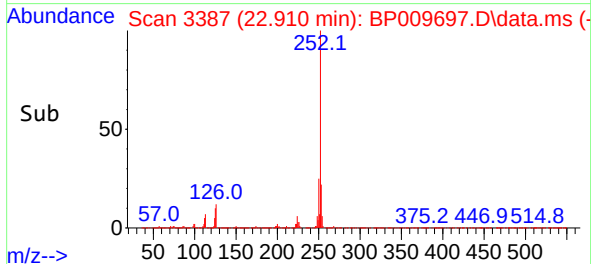
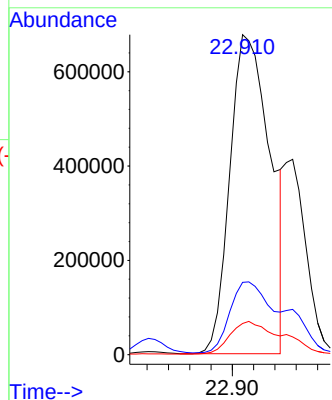
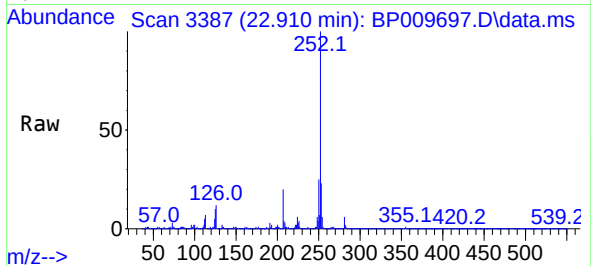
#88
Benzo(b)fluoranthene
Concen: 19.944 ng
RT: 22.910 min Scan# 31
Delta R.T. -0.000 min
Lab File: BP009697.D
Acq: 05 Apr 2022 14:28

Instrument :
BNA_P
ClientSampleId :
TP-4DL

Tgt Ion:252 Resp: 1780469
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 9.7 8.1 12.1

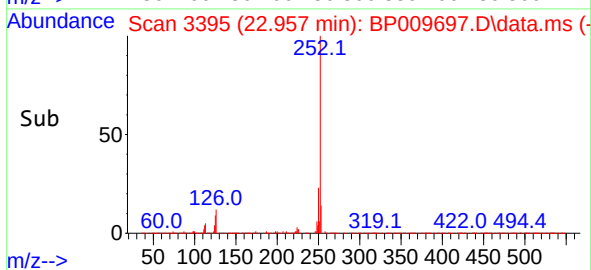
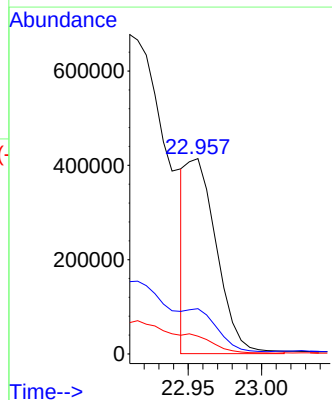
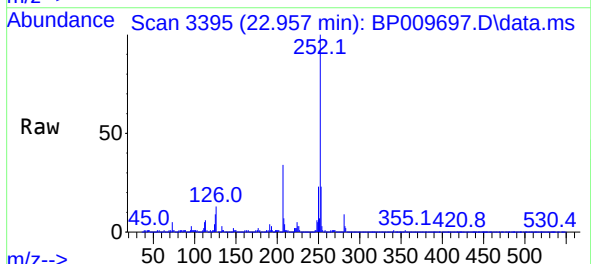
Manual Integrations
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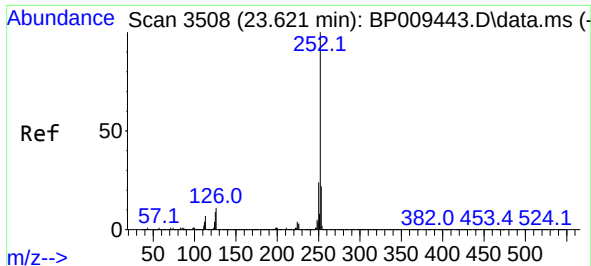
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022



#89
Benzo(k)fluoranthene
Concen: 6.804 ng m
RT: 22.957 min Scan# 3395
Delta R.T. -0.000 min
Lab File: BP009697.D
Acq: 05 Apr 2022 14:28

Tgt Ion:252 Resp: 594746
Ion Ratio Lower Upper
252 100
253 23.2 17.5 26.3
125 9.1 8.3 12.5





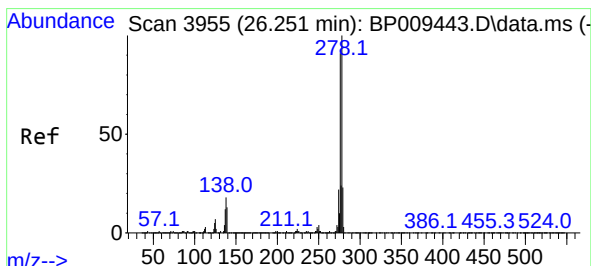
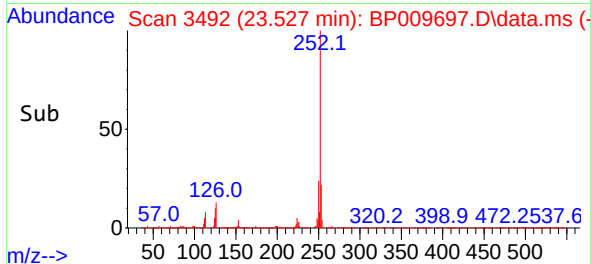
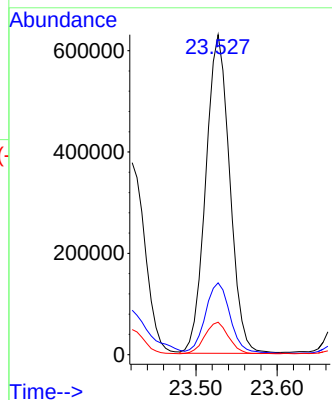
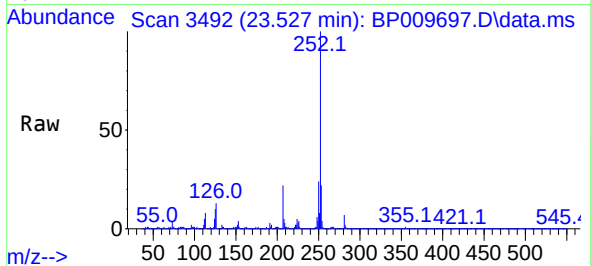
#90
Benzo(a)pyrene
Concen: 16.910 ng
RT: 23.527 min Scan# 34
Delta R.T. -0.000 min
Lab File: BP009697.D
Acq: 05 Apr 2022 14:28

Instrument :
BNA_P
ClientSampleId :
TP-4DL

Tgt Ion:252 Resp: 129160
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.6
125 10.2 9.3 13.9

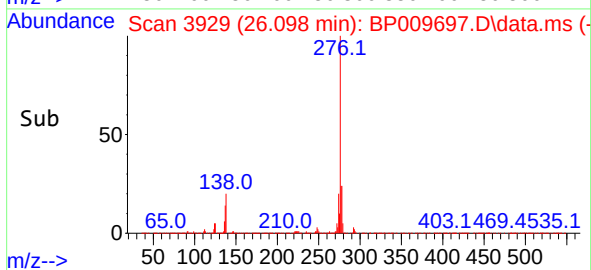
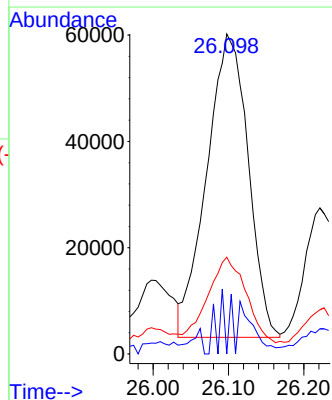
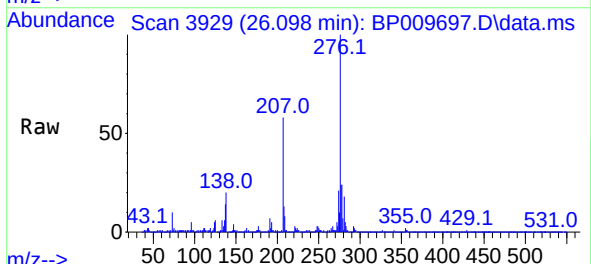
Manual Integrations
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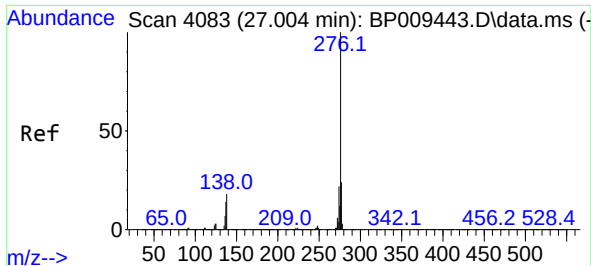
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022



#91
Dibenzo(a,h)anthracene
Concen: 2.301 ng m
RT: 26.098 min Scan# 3929
Delta R.T. -0.018 min
Lab File: BP009697.D
Acq: 05 Apr 2022 14:28

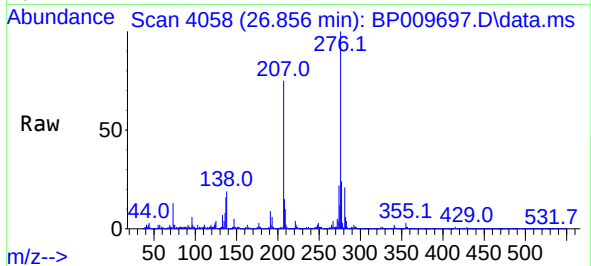
Tgt Ion:278 Resp: 217598
Ion Ratio Lower Upper
278 100
139 0.0 13.2 19.8#
279 30.2 19.2 28.8#





#92
Benzo(g,h,i)perylene
Concen: 7.498 ng
RT: 26.856 min Scan# 4083
Delta R.T. -0.006 min
Lab File: BP009697.D
Acq: 05 Apr 2022 14:28

Instrument :
BNA_P
ClientSampleId :
TP-4DL



Tgt Ion: 276 Resp: 697529
Ion Ratio Lower Upper
276 100
277 24.0 19.2 28.8
138 19.4 18.0 27.0

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022

