

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040122\
 Data File : BP009665.D
 Acq On : 01 Apr 2022 19:11
 Operator : CG/JU
 Sample : N2220-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A11015

Manual Integrations
 APPROVED

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

Quant Time: Apr 01 22:45:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 31 04:36:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	259235	20.000	ng	-0.01
21) Naphthalene-d8	10.516	136	1003610	20.000	ng	-0.02
39) Acenaphthene-d10	14.381	164	610147	20.000	ng	-0.01
64) Phenanthrene-d10	17.145	188	1265699	20.000	ng	-0.01
76) Chrysene-d12	21.263	240	1321987	20.000	ng	-0.01
86) Perylene-d12	23.639	264	1467006	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	1380598	92.982	ng	-0.01
7) Phenol-d6	6.928	99	1777427	88.519	ng	0.00
23) Nitrobenzene-d5	8.887	82	1249171	66.143	ng	-0.01
42) 2,4,6-Tribromophenol	15.881	330	735141	73.014	ng	-0.01
45) 2-Fluorobiphenyl	12.998	172	2697453	61.288	ng	-0.01
79) Terphenyl-d14	19.728	244	3904356	53.010	ng	-0.01
Target Compounds						Qvalue
37) 2-Methylnaphthalene	12.193	142	81467	2.246	ng	99
49) Acenaphthylene	14.098	152	235627	4.259	ng	98
71) Phenanthrene	17.186	178	452091	6.673	ng	99
72) Anthracene	17.281	178	271933	4.065	ng	100
75) Fluoranthene	19.175	202	1158055	14.118	ng	98
78) Pyrene	19.528	202	1130456	12.977	ng	100
81) Benzo(a)anthracene	21.251	228	579933	6.677	ng	95
83) Chrysene	21.298	228	729934	8.875	ng	97
84) Bis(2-ethylhexyl)phtha...	21.180	149	272536	5.281	ng	100
87) Indeno(1,2,3-cd)pyrene	26.110	276	367418	3.301	ng	# 94
88) Benzo(b)fluoranthene	22.921	252	852260m	9.732	ng	
89) Benzo(k)fluoranthene	22.963	252	274226m	3.198	ng	
90) Benzo(a)pyrene	23.533	252	493265	6.583	ng	96
92) Benzo(g,h,i)perylene	26.868	276	382053	4.187	ng	# 91

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

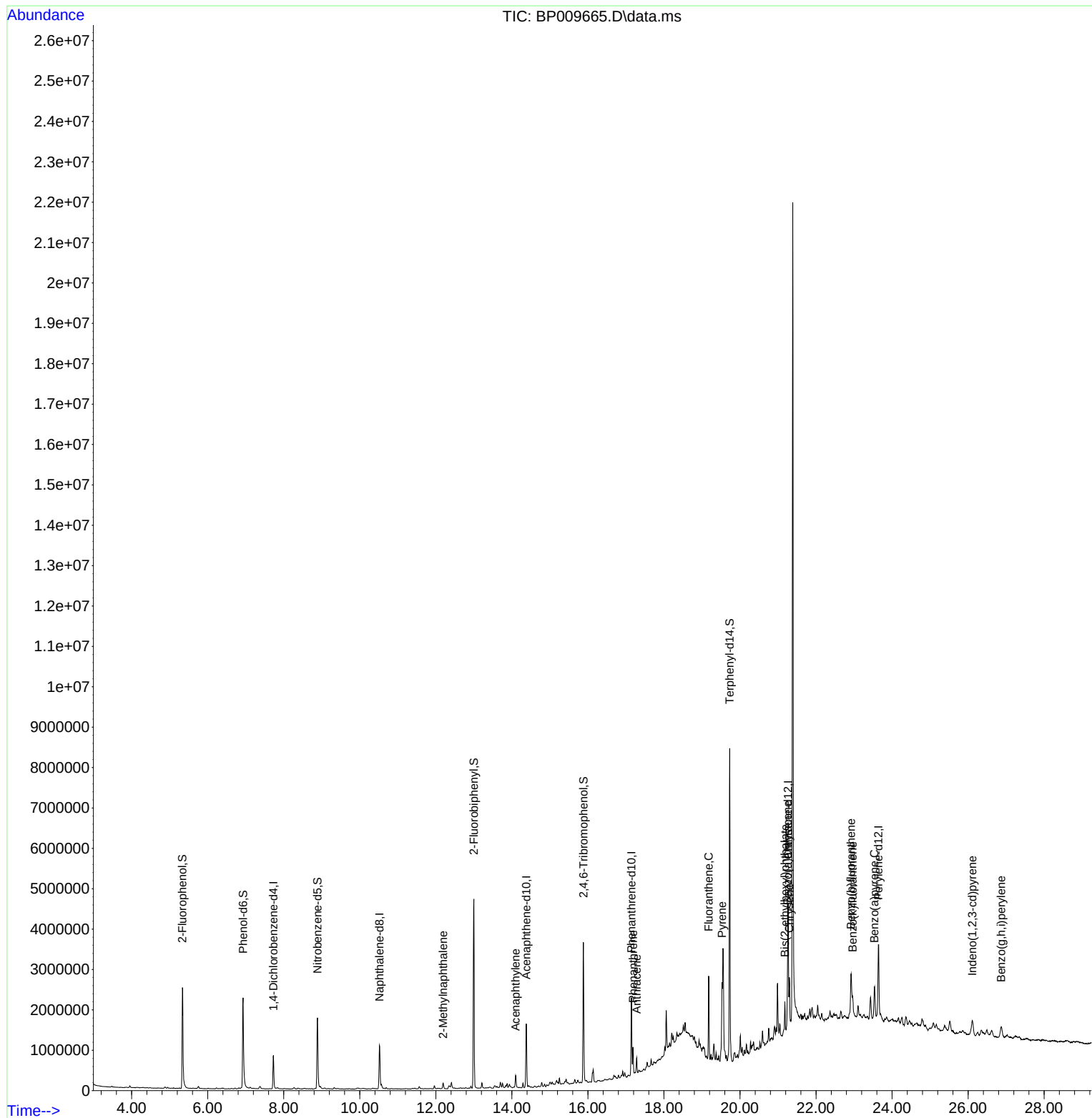
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040122\
Data File : BP009665.D
Acq On : 01 Apr 2022 19:11
Operator : CG/JU
Sample : N2220-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

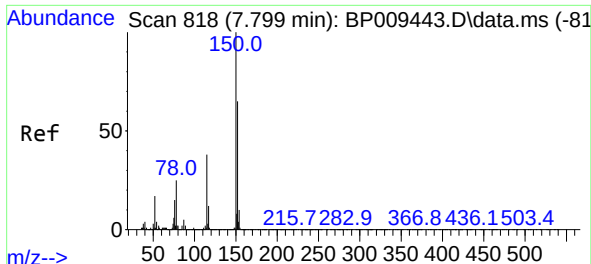
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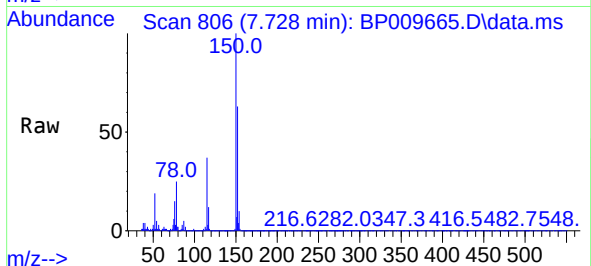
Quant Time: Apr 01 22:45:28 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 31 04:36:51 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.728 min Scan# 80
Delta R.T. -0.012 min
Lab File: BP009665.D
Acq: 01 Apr 2022 19:11

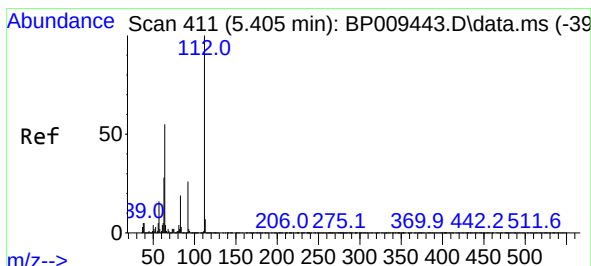
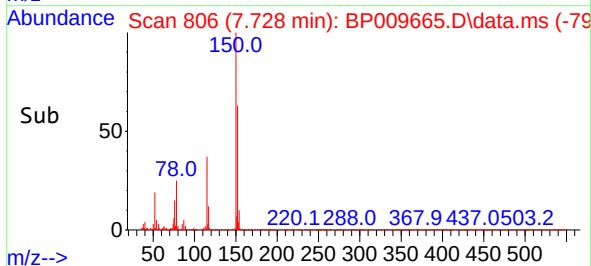
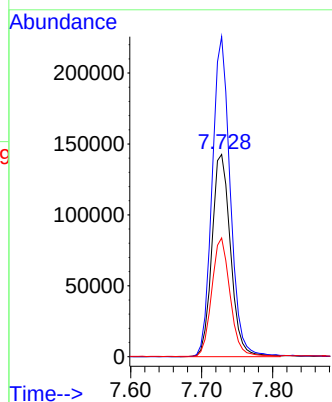
Instrument :
BNA_P
ClientSampleId :
A11015



Tgt Ion:152 Resp: 25923
Ion Ratio Lower Upper
152 100
150 158.2 124.5 186.7
115 58.7 48.2 72.4

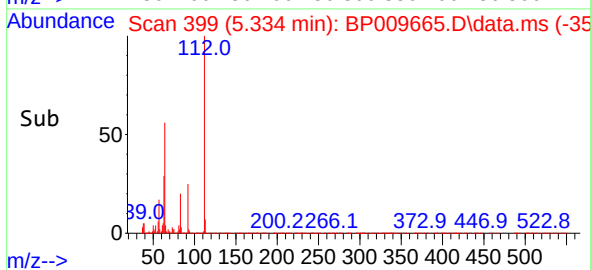
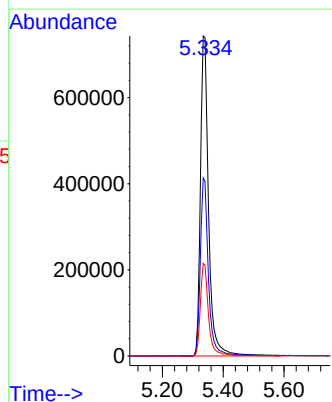
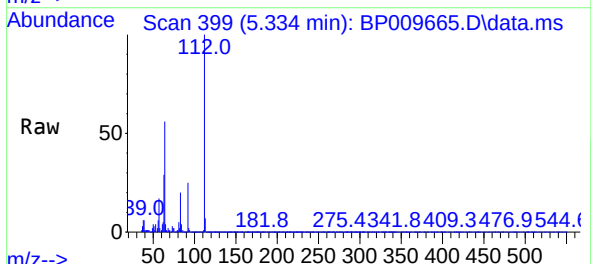
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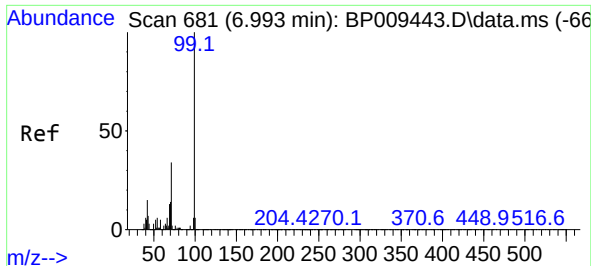
Reviewed By :Christian Giraldo 04/04/2022
Supervised By :Jagrut Upadhyay 04/04/2022



#5
2-Fluorophenol
Concen: 92.982 ng
RT: 5.334 min Scan# 399
Delta R.T. -0.012 min
Lab File: BP009665.D
Acq: 01 Apr 2022 19:11

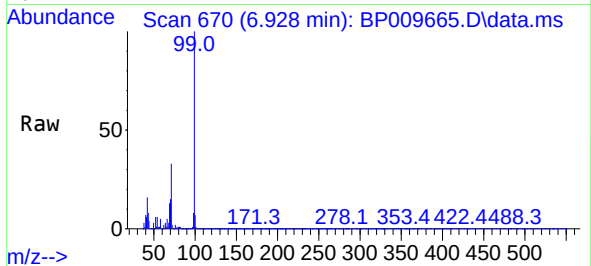
Tgt Ion:112 Resp: 1380598
Ion Ratio Lower Upper
112 100
64 55.7 45.0 67.4
63 28.9 23.0 34.6





#7
Phenol-d6
Concen: 88.519 ng
RT: 6.928 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP009665.D
Acq: 01 Apr 2022 19:11

Instrument :
BNA_P
ClientSampleId :
A11015

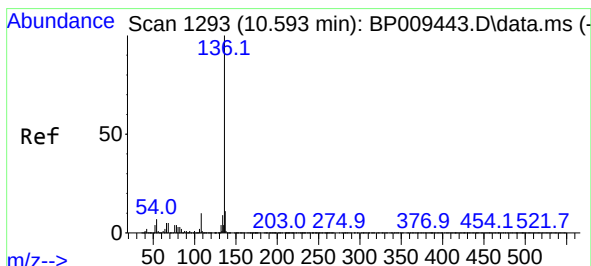
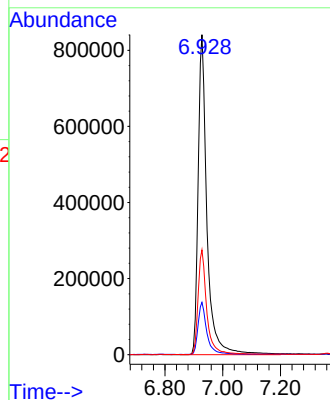
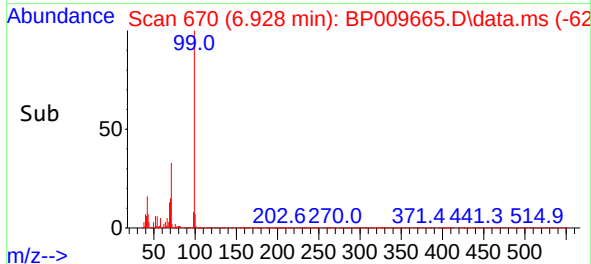


Tgt Ion: 99 Resp: 177742

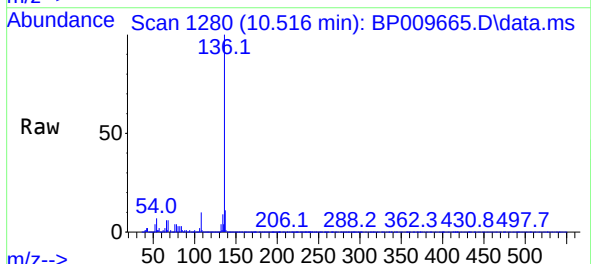
Ion	Ratio	Lower	Upper
99	100		
42	16.3	12.8	19.2
71	32.8	26.3	39.5

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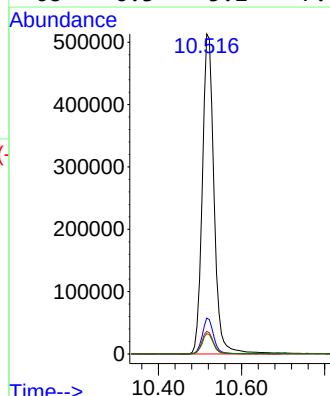
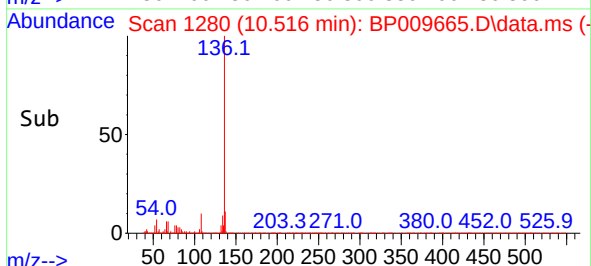


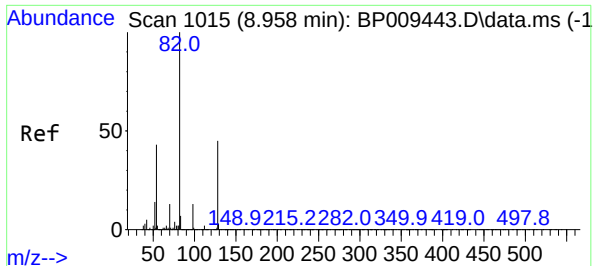
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.516 min Scan# 1280
Delta R.T. -0.018 min
Lab File: BP009665.D
Acq: 01 Apr 2022 19:11



Tgt Ion:136 Resp: 1003610

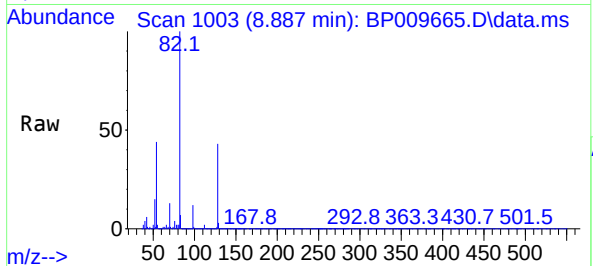
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	12.8
54	7.1	5.8	8.8
68	6.3	5.2	7.8





#23
Nitrobenzene-d5
Concen: 66.143 ng
RT: 8.887 min Scan# 1003
Delta R.T. -0.012 min
Lab File: BP009665.D
Acq: 01 Apr 2022 19:11

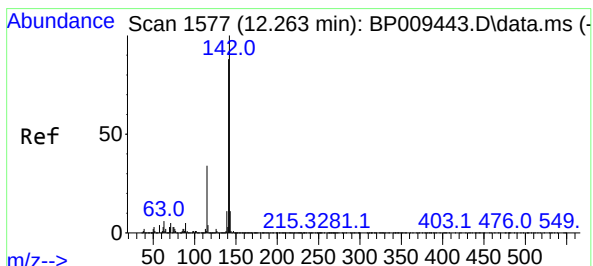
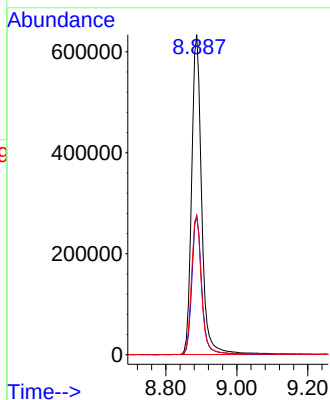
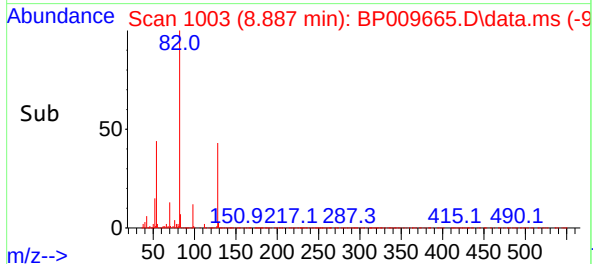
Instrument :
BNA_P
ClientSampleId :
A11015



Tgt Ion: 82 Resp: 124917
Ion Ratio Lower Upper
82 100
128 43.3 34.2 51.4
54 43.6 34.7 52.1

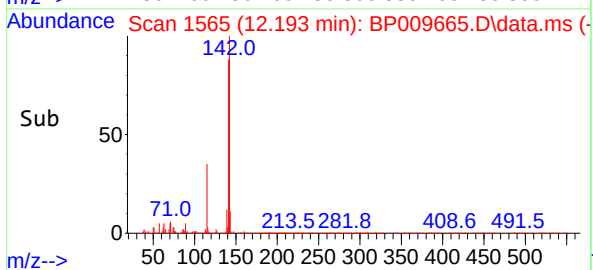
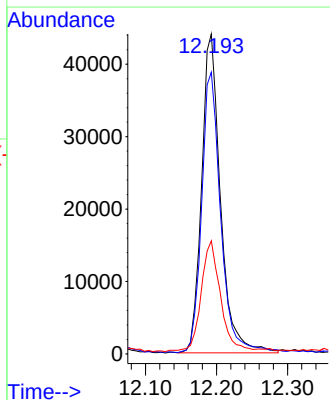
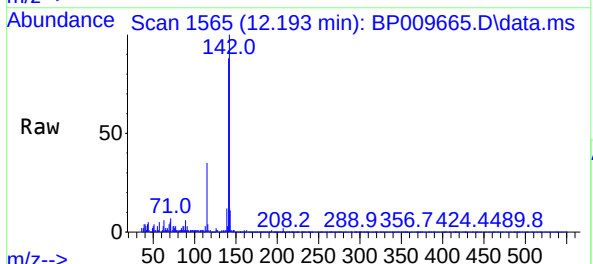
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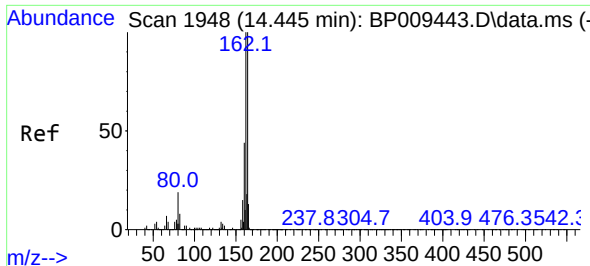
Reviewed By :Christian Giraldo 04/04/2022
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#37
2-Methylnaphthalene
Concen: 2.246 ng
RT: 12.193 min Scan# 1565
Delta R.T. -0.012 min
Lab File: BP009665.D
Acq: 01 Apr 2022 19:11

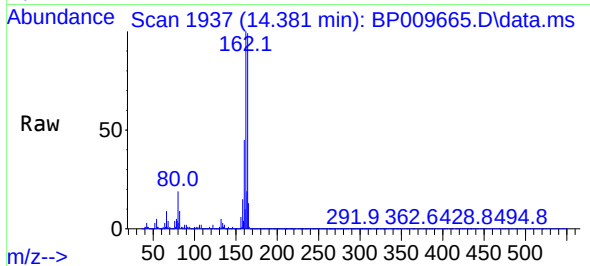
Tgt Ion:142 Resp: 81467
Ion Ratio Lower Upper
142 100
141 88.0 70.2 105.4
115 35.4 27.4 41.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.381 min Scan# 1937
Delta R.T. -0.012 min
Lab File: BP009665.D
Acq: 01 Apr 2022 19:11

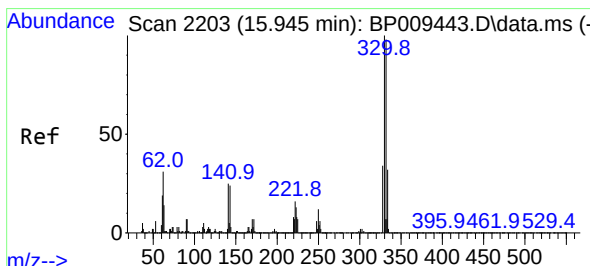
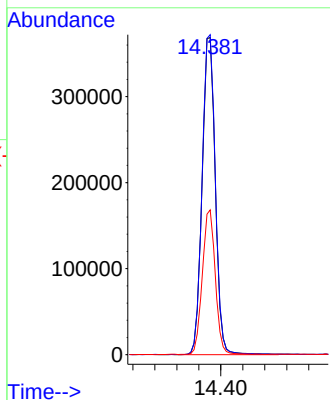
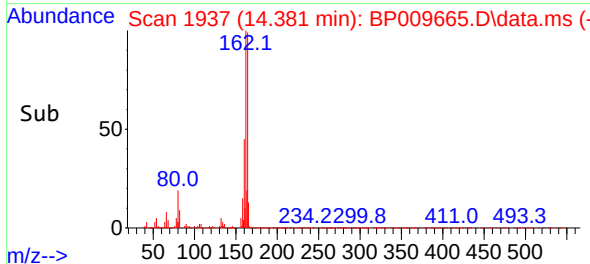
Instrument :
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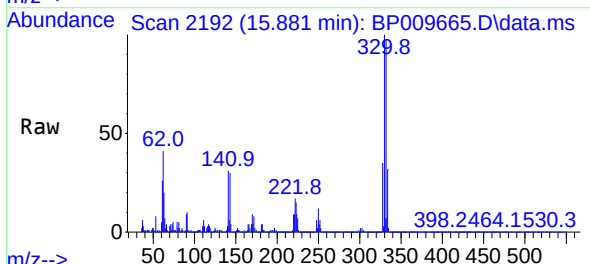
Tgt Ion:164 Resp: 61014
Ion Ratio Lower Upper
164 100
162 100.9 79.1 118.7
160 45.7 34.9 52.3

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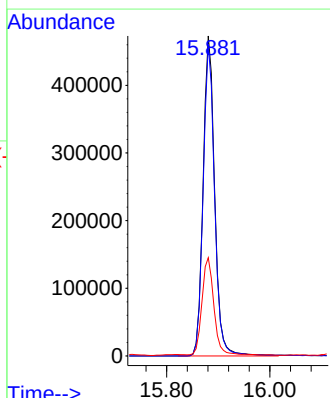
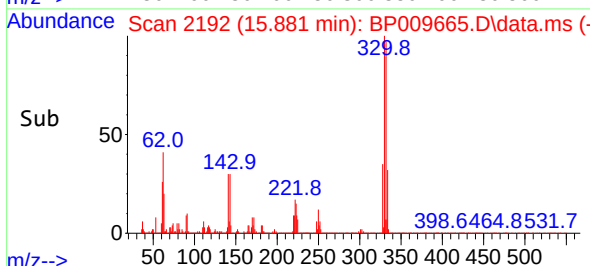
Reviewed By :Christian Giraldo 04/04/2022
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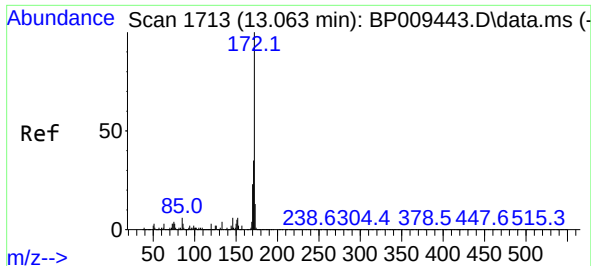


#42
2,4,6-Tribromophenol
Concen: 73.014 ng
RT: 15.881 min Scan# 2192
Delta R.T. -0.012 min
Lab File: BP009665.D
Acq: 01 Apr 2022 19:11



Tgt Ion:330 Resp: 735141
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.6
141 31.4 27.6 41.4





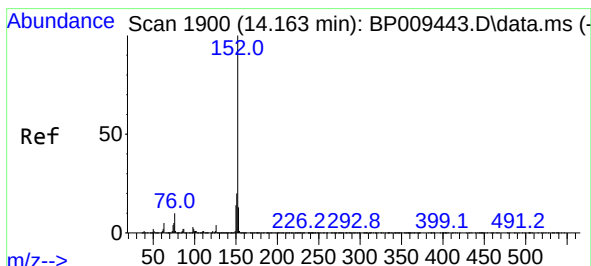
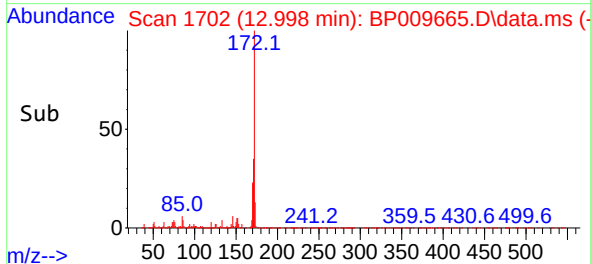
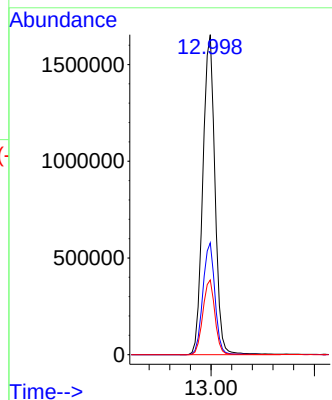
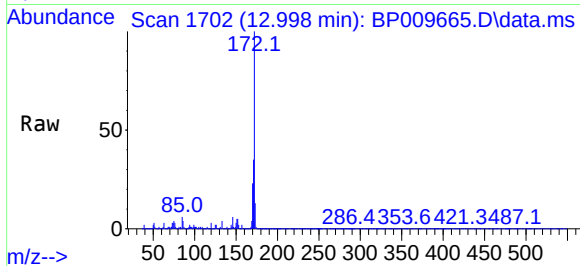
#45
2-Fluorobiphenyl
Concen: 61.288 ng
RT: 12.998 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP009665.D
Acq: 01 Apr 2022 19:11

Instrument :
BNA_P
Client Sample Id :
A11015

Tgt Ion:172 Resp: 269745
Ion Ratio Lower Upper
172 100
171 35.0 28.0 42.0
170 23.4 18.6 27.8

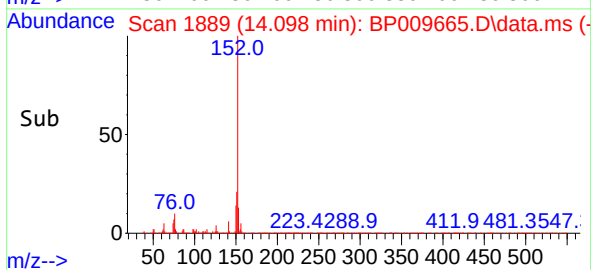
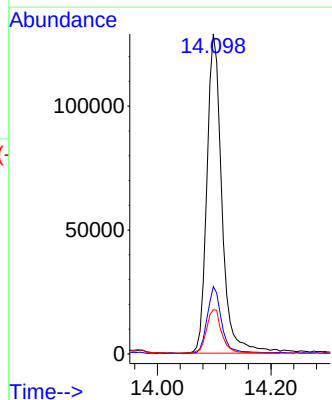
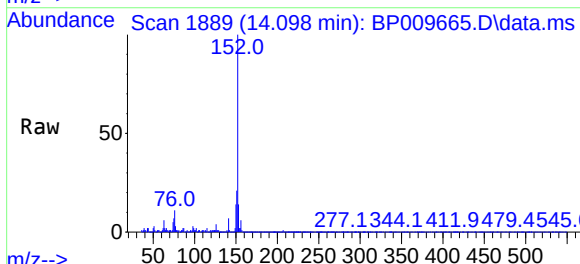
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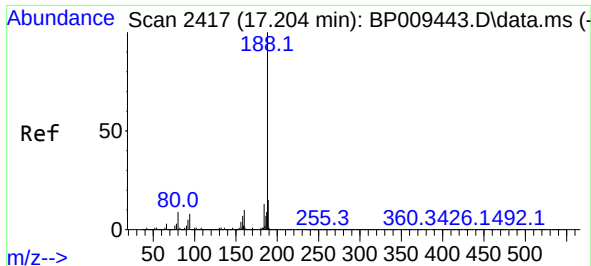
Reviewed By :Christian Giraldo 04/04/2022
Supervised By :Jagrut Upadhyay 04/04/2022



#49
Acenaphthylene
Concen: 4.259 ng
RT: 14.098 min Scan# 1889
Delta R.T. -0.012 min
Lab File: BP009665.D
Acq: 01 Apr 2022 19:11

Tgt Ion:152 Resp: 235627
Ion Ratio Lower Upper
152 100
151 21.0 15.9 23.9
153 13.9 10.7 16.1





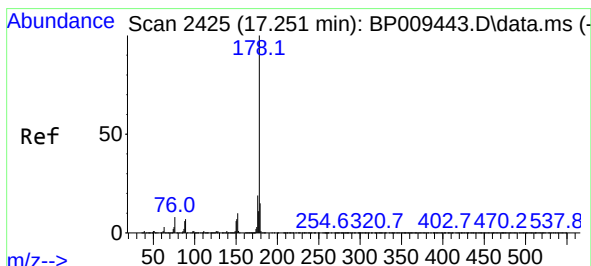
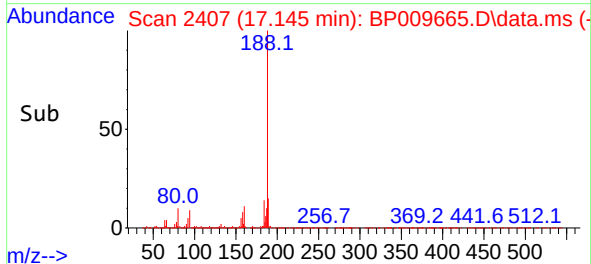
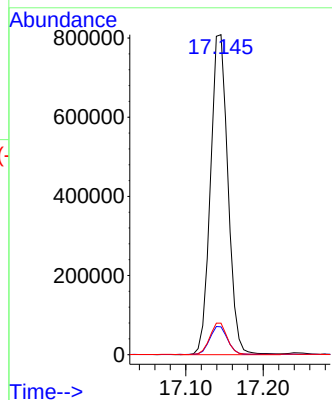
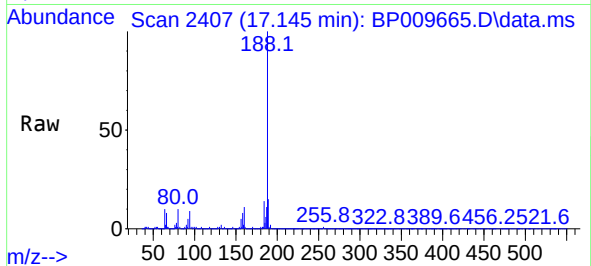
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 2414
Delta R.T. -0.012 min
Lab File: BP009665.D
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Tgt Ion:188 Resp: 1265699
Ion Ratio Lower Upper
188 100
94 8.7 7.9 11.9
80 9.9 8.8 13.2

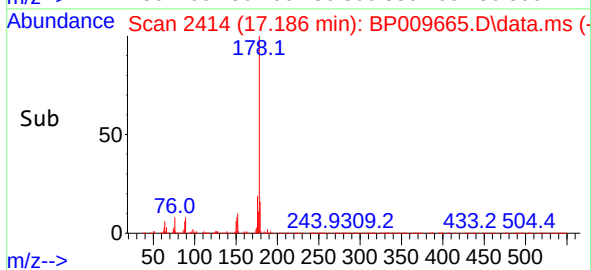
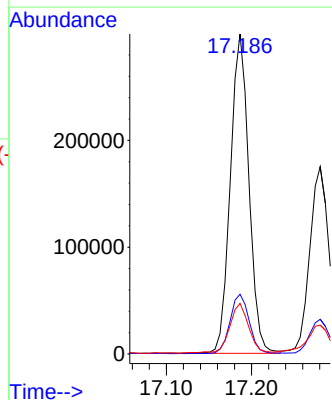
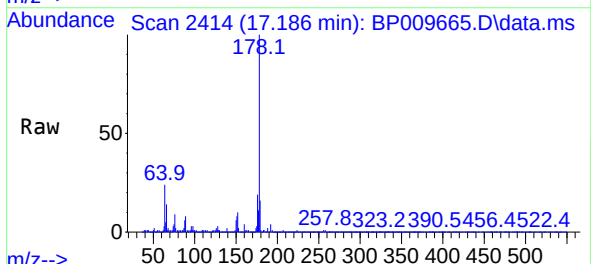
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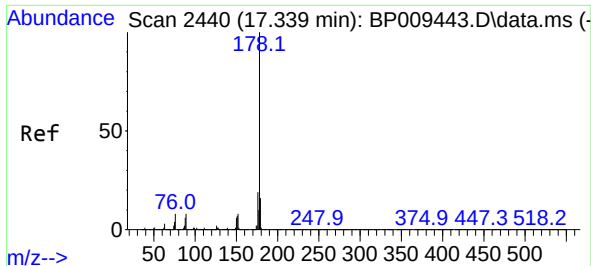
Reviewed By :Christian Giraldo 04/04/2022
Supervised By :Jagrut Upadhyay 04/04/2022



#71
Phenanthrene
Concen: 6.673 ng
RT: 17.186 min Scan# 2414
Delta R.T. -0.012 min
Lab File: BP009665.D
Acq: 01 Apr 2022 19:11

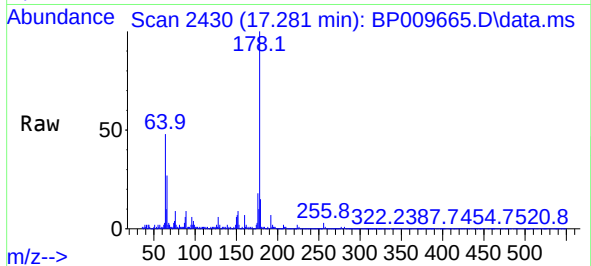
Tgt Ion:178 Resp: 452091
Ion Ratio Lower Upper
178 100
176 18.6 15.4 23.2
179 15.8 12.3 18.5





#72
 Anthracene
 Concen: 4.065 ng
 RT: 17.281 min Scan# 2440
 Delta R.T. -0.012 min
 Lab File: BP009665.D
 Acq: 01 Apr 2022 19:11

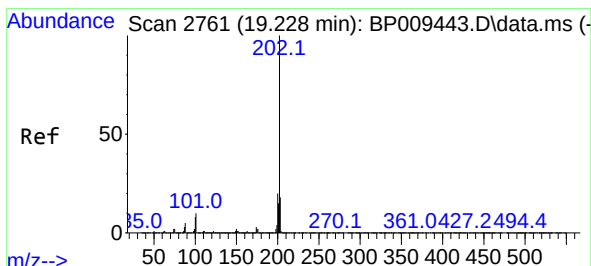
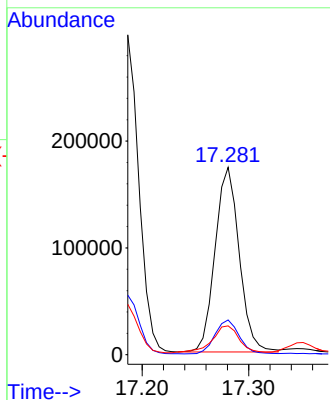
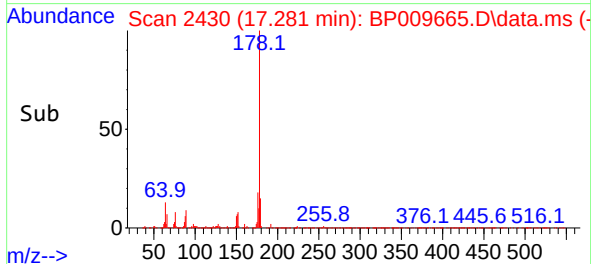
Instrument :
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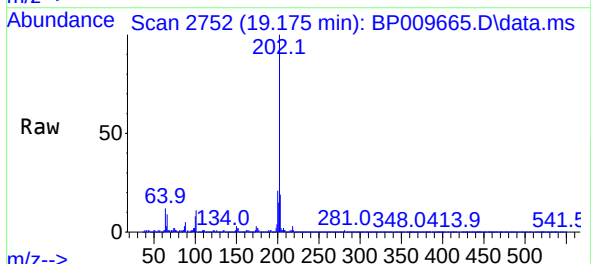
Tgt Ion:178 Resp: 271933
 Ion Ratio Lower Upper
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 176 18.5 14.8 22.2
 179 15.4 12.2 18.4

Manual Integrations
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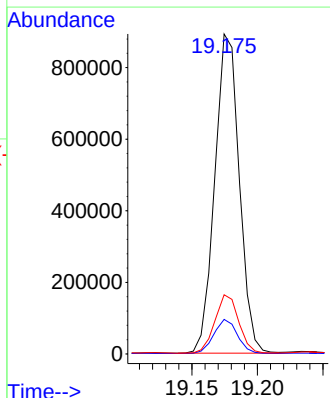
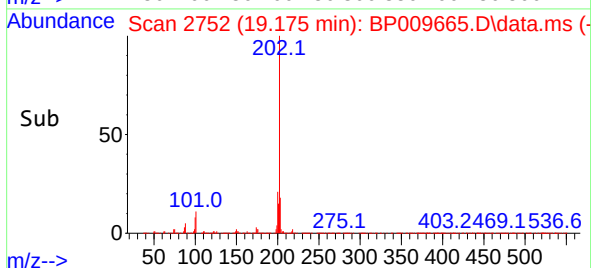
Reviewed By :Christian Giraldo 04/04/2022
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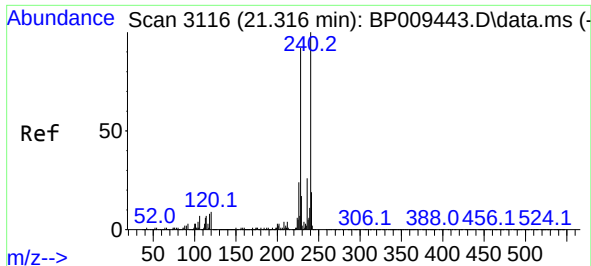


#75
 Fluoranthene
 Concen: 14.118 ng
 RT: 19.175 min Scan# 2752
 Delta R.T. -0.006 min
 Lab File: BP009665.D
 Acq: 01 Apr 2022 19:11



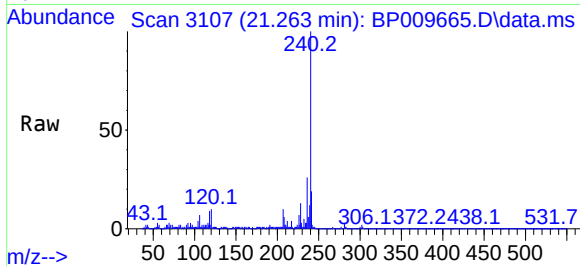
Tgt Ion:202 Resp: 1158055
 Ion Ratio Lower Upper
 202 100
 101 10.8 0.0 31.5
 203 18.5 0.0 37.8





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.263 min Scan# 3116
Delta R.T. -0.012 min
Lab File: BP009665.D
Acq: 01 Apr 2022 19:11

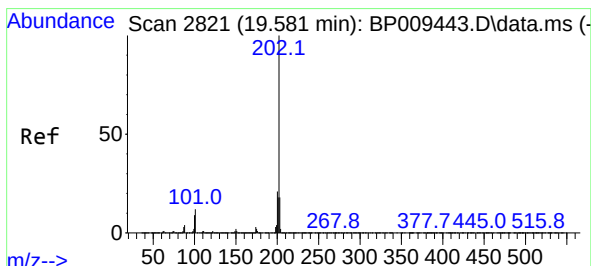
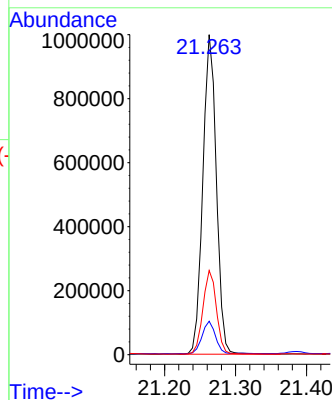
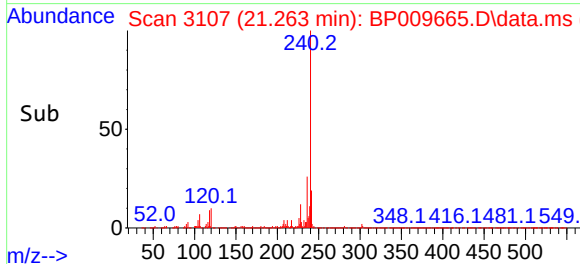
Instrument :
BNA_P
ClientSampleId :
A11015



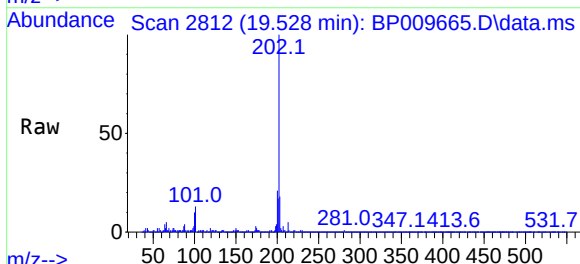
Tgt Ion:240 Resp: 132198
Ion Ratio Lower Upper
240 100
120 10.5 9.0 13.4
236 26.3 20.6 30.8

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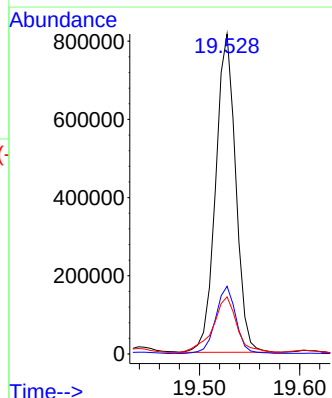
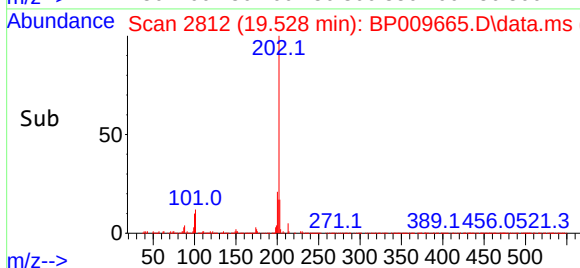
Reviewed By :Christian Giraldo 04/04/2022
Supervised By :Jagrut Upadhyay 04/04/2022

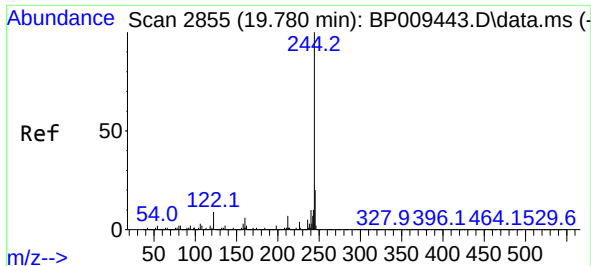


#78
Pyrene
Concen: 12.977 ng
RT: 19.528 min Scan# 2812
Delta R.T. -0.012 min
Lab File: BP009665.D
Acq: 01 Apr 2022 19:11



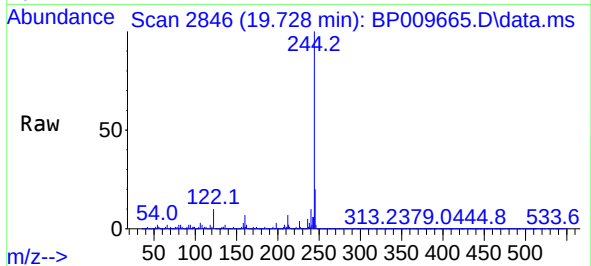
Tgt Ion:202 Resp: 1130456
Ion Ratio Lower Upper
202 100
200 21.1 16.8 25.2
203 17.8 14.2 21.4





#79
 Terphenyl-d14
 Concen: 53.010 ng
 RT: 19.728 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP009665.D
 Acq: 01 Apr 2022 19:11

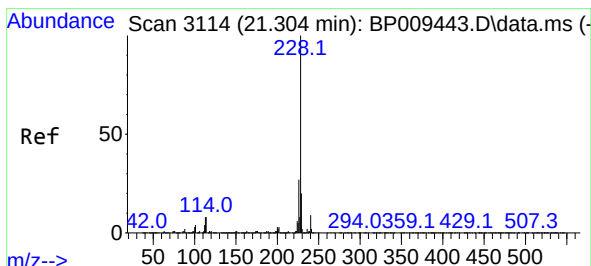
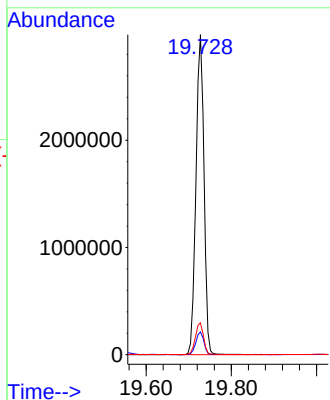
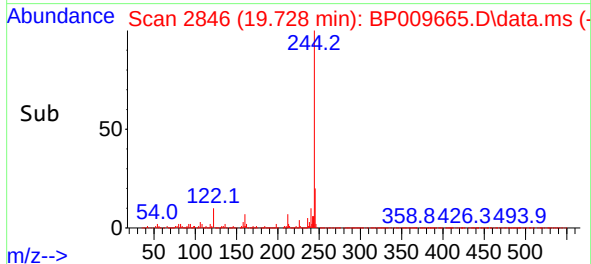
Instrument :
 BNA_P
 ClientSampleId :
 A11015



Tgt Ion:244 Resp: 3904350
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 10.0 8.3 12.5

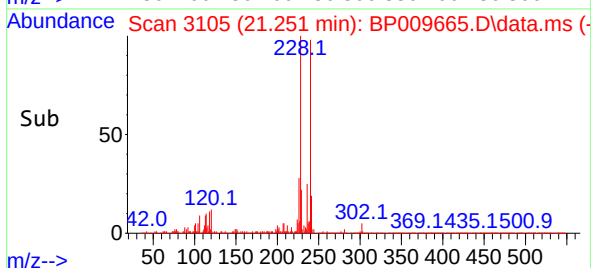
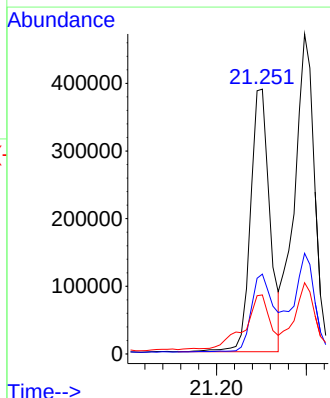
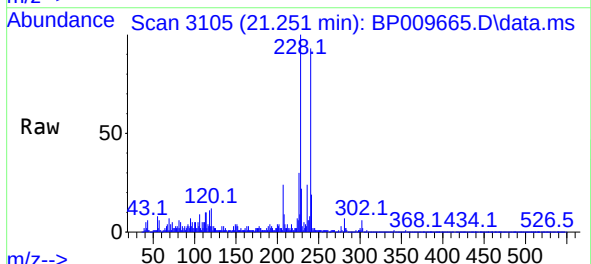
Manual Integrations
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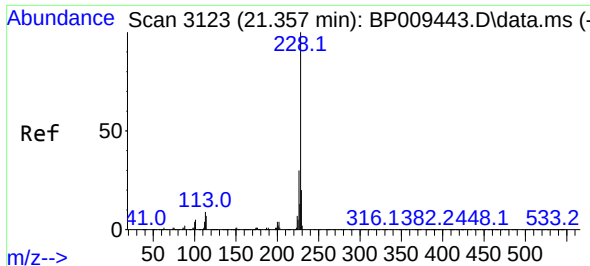
Reviewed By :Christian Giraldo 04/04/2022
 Supervised By :Jagrut Upadhyay 04/04/2022



#81
 Benzo(a)anthracene
 Concen: 6.677 ng
 RT: 21.251 min Scan# 3105
 Delta R.T. -0.012 min
 Lab File: BP009665.D
 Acq: 01 Apr 2022 19:11

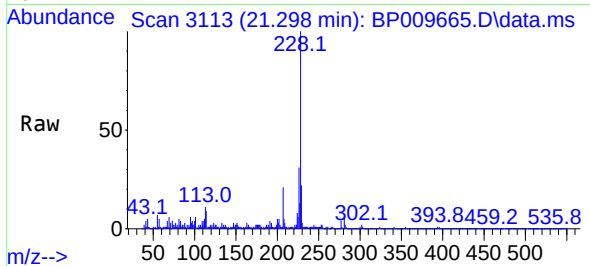
Tgt Ion:228 Resp: 579933
 Ion Ratio Lower Upper
 228 100
 226 30.1 22.0 33.0
 229 22.3 16.1 24.1





#83
Chrysene
Concen: 8.875 ng
RT: 21.298 min Scan# 3123
Delta R.T. -0.012 min
Lab File: BP009665.D
Acq: 01 Apr 2022 19:11

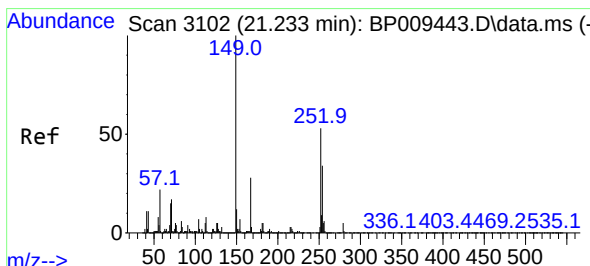
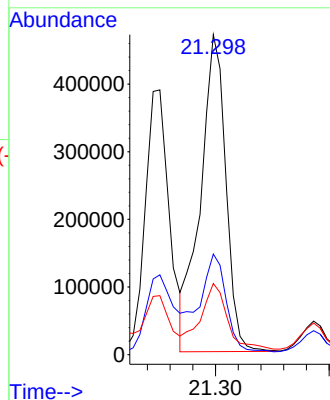
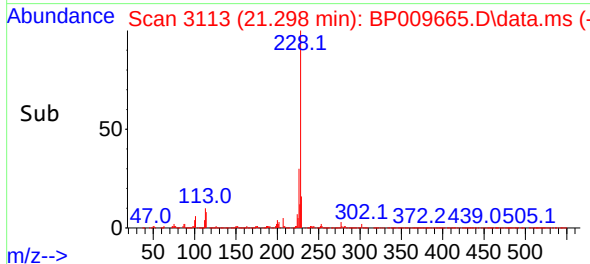
Instrument :
BNA_P
ClientSampleId :
A11015



Tgt Ion: 228 Resp: 729934
Ion Ratio Lower Upper
228 100
226 31.5 24.2 36.2
229 22.2 16.1 24.1

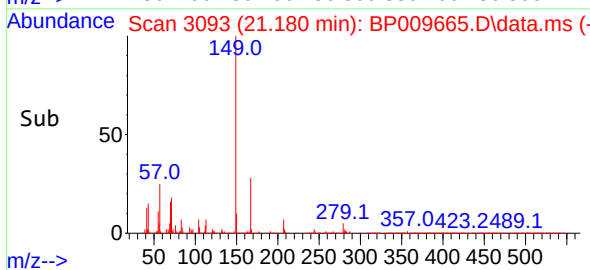
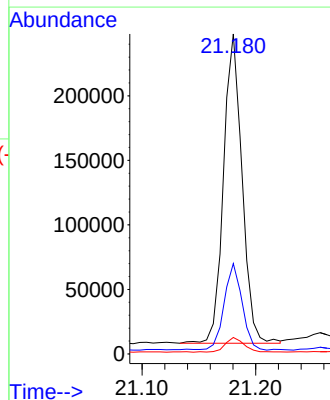
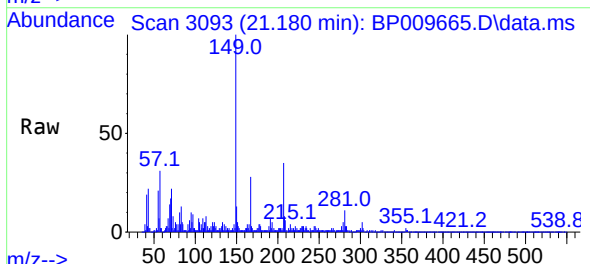
Manual Integrations
APPROVED

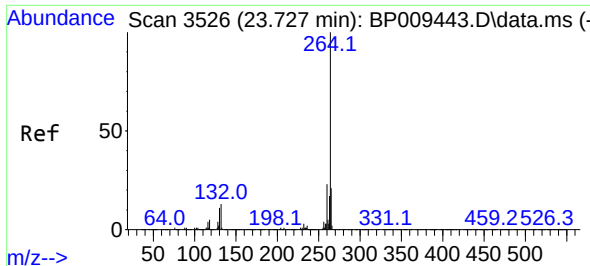
Reviewed By : Christian Giraldo 04/04/2022
Supervised By : Jagrut Upadhyay 04/04/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 5.281 ng
RT: 21.180 min Scan# 3093
Delta R.T. -0.012 min
Lab File: BP009665.D
Acq: 01 Apr 2022 19:11

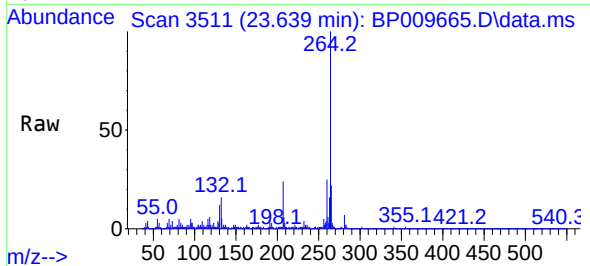
Tgt Ion: 149 Resp: 272536
Ion Ratio Lower Upper
149 100
167 28.3 22.6 33.8
279 5.2 3.8 5.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.639 min Scan# 311
Delta R.T. -0.012 min
Lab File: BP009665.D
Acq: 01 Apr 2022 19:11

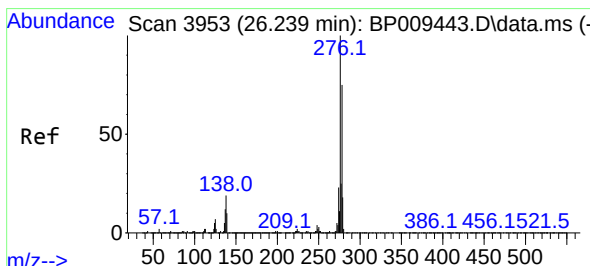
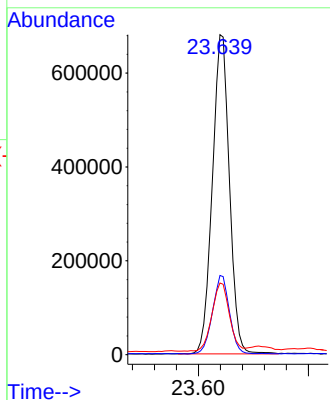
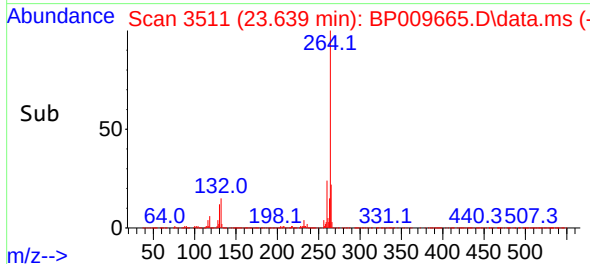
Instrument :
BNA_P
ClientSampleId :
A11015



Tgt Ion:264 Resp: 1467000
Ion Ratio Lower Upper
264 100
260 24.8 19.4 29.0
265 22.4 17.2 25.8

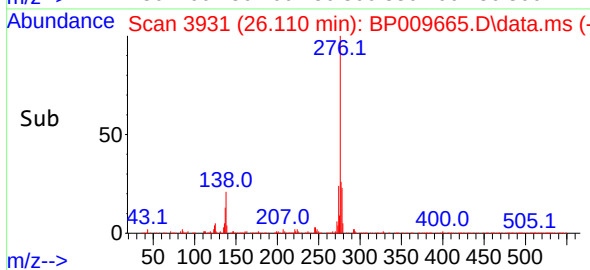
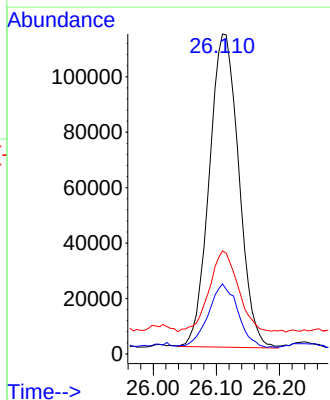
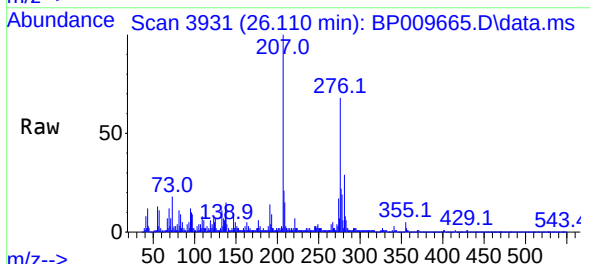
Manual Integrations
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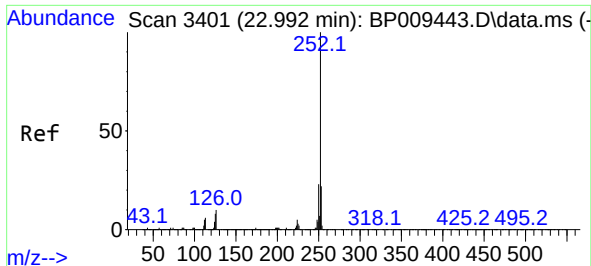
Reviewed By :Christian Giraldo 04/04/2022
Supervised By :Jagrut Upadhyay 04/04/2022



#87
Indeno(1,2,3-cd)pyrene
Concen: 3.301 ng
RT: 26.110 min Scan# 3931
Delta R.T. -0.029 min
Lab File: BP009665.D
Acq: 01 Apr 2022 19:11

Tgt Ion:276 Resp: 367418
Ion Ratio Lower Upper
276 100
138 20.2 20.5 30.7#
277 25.2 20.4 30.6





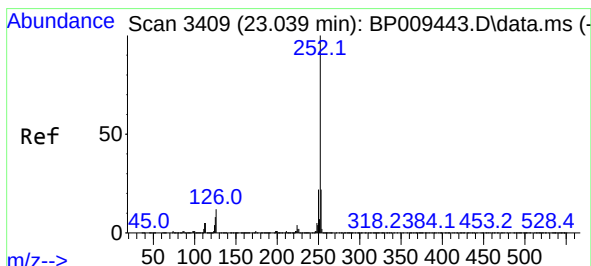
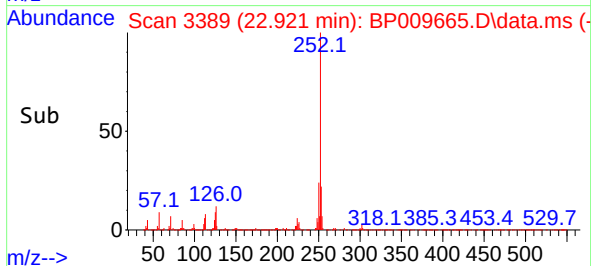
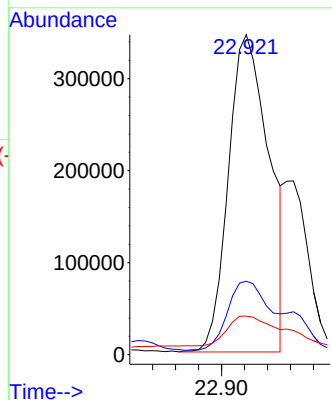
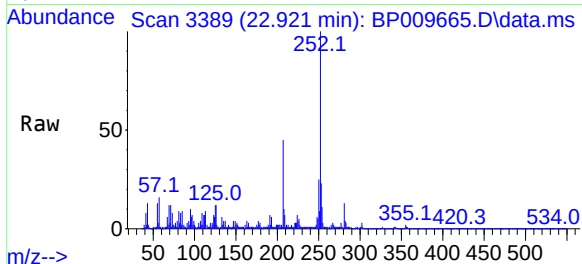
#88
Benzo(b)fluoranthene
Concen: 9.732 ng m
RT: 22.921 min Scan# 3389
Delta R.T. -0.006 min
Lab File: BP009665.D
Acq: 01 Apr 2022 19:11

Instrument :
BNA_P
ClientSampleId :
A11015

Tgt Ion:252 Resp: 852260
Ion Ratio Lower Upper
252 100
253 23.0 17.8 26.8
125 12.1 8.1 12.1

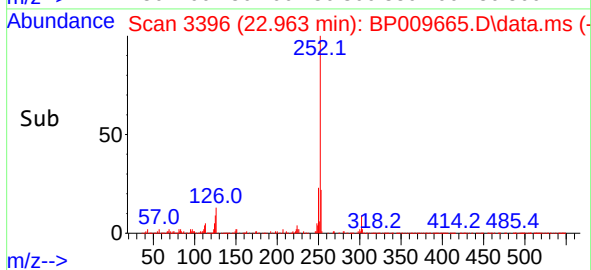
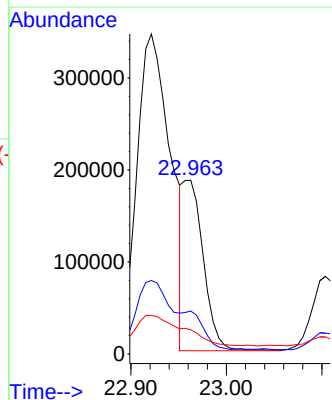
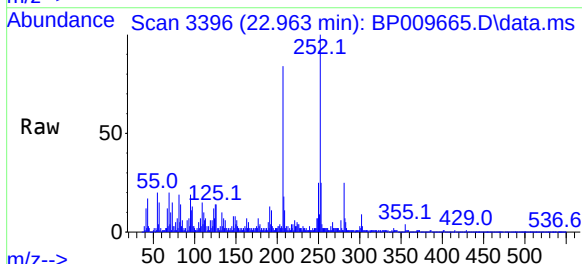
Manual Integrations
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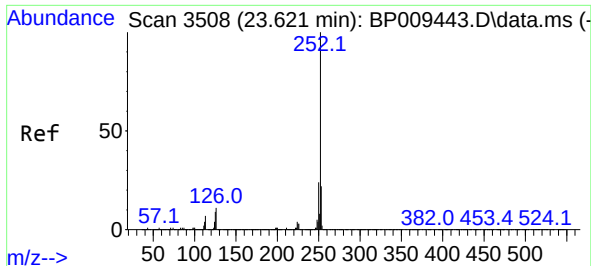
Reviewed By :Christian Giraldo 04/04/2022
Supervised By :Jagrut Upadhyay 04/04/2022



#89
Benzo(k)fluoranthene
Concen: 3.198 ng m
RT: 22.963 min Scan# 3396
Delta R.T. -0.018 min
Lab File: BP009665.D
Acq: 01 Apr 2022 19:11

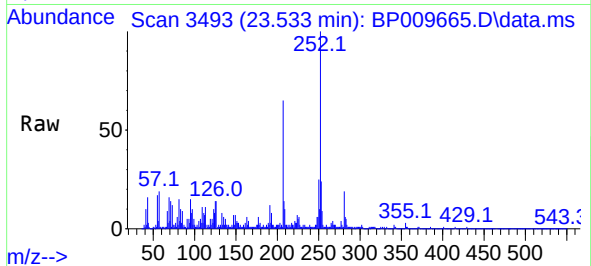
Tgt Ion:252 Resp: 274226
Ion Ratio Lower Upper
252 100
253 24.7 17.5 26.3
125 13.9 8.3 12.5#





#90
Benzo(a)pyrene
Concen: 6.583 ng
RT: 23.533 min Scan# 34
Delta R.T. -0.018 min
Lab File: BP009665.D
Acq: 01 Apr 2022 19:11

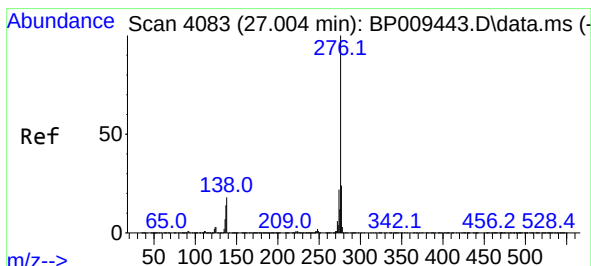
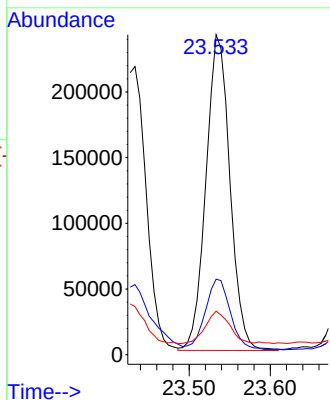
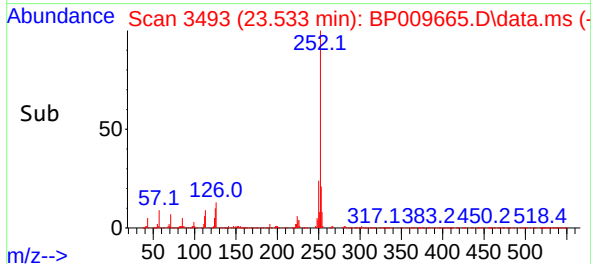
Instrument :
BNA_P
ClientSampleId :
A11015



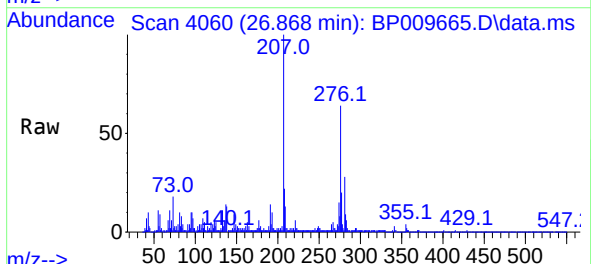
Tgt Ion:252 Resp: 49326
Ion Ratio Lower Upper
252 100
253 23.6 17.8 26.6
125 13.6 9.3 13.9

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



#92
Benzo(g,h,i)perylene
Concen: 4.187 ng
RT: 26.868 min Scan# 4060
Delta R.T. -0.029 min
Lab File: BP009665.D
Acq: 01 Apr 2022 19:11



Tgt Ion:276 Resp: 382053
Ion Ratio Lower Upper
276 100
277 30.9 19.2 28.8#
138 20.7 18.0 27.0

