

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120721\
 Data File : BP008260.D
 Acq On : 07 Dec 2021 20:40
 Operator : CG/JU
 Sample : M4954-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-5(7.5-8)

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/08/2021
 Supervised By :Sohil Jodhani 12/10/2021

Quant Time: Dec 08 01:10:41 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 03 14:39:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	68772	20.000	ng	-0.01
21) Naphthalene-d8	10.599	136	233496	20.000	ng	# 0.00
39) Acenaphthene-d10	14.481	164	278187	20.000	ng	# 0.04
64) Phenanthrene-d10	17.245	188	372594	20.000	ng	# 0.04
76) Chrysene-d12	21.310	240	423819	20.000	ng	0.00
86) Perylene-d12	23.692	264	475623	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	361689	84.679	ng	0.00
7) Phenol-d6	6.975	99	460089	79.794	ng	-0.01
23) Nitrobenzene-d5	8.952	82	427749	83.304	ng	-0.01
42) 2,4,6-Tribromophenol	15.987	330	227268	63.917	ng	0.04
45) 2-Fluorobiphenyl	13.075	172	674787	35.234	ng	0.00
79) Terphenyl-d14	19.792	244	1209424	59.639	ng	0.01
Target Compounds						Qvalue
10) Phenol	6.999	94	13150	2.219	ng	# 1
31) Naphthalene	10.652	128	2574924	215.271	ng	# 94
37) 2-Methylnaphthalene	12.298	142	10358700	1224.455	ng	97
38) 1-Methylnaphthalene	12.516	142	6990770	848.947	ng	100
46) 1,1'-Biphenyl	13.293	154	1222699	60.579	ng	93
49) Acenaphthylene	14.216	152	423736	17.232	ng	# 1
52) Acenaphthene	14.545	154	843615	57.567	ng	# 81
55) Dibenzofuran	14.887	168	623437	24.895	ng	# 1
56) 4-Nitrophenol	14.710	139	526835	156.440	ng	# 40
58) Fluorene	15.539	166	1562151	76.778	ng	# 86
71) Phenanthrene	17.298	178	6038176	306.939	ng	97
72) Anthracene	17.381	178	443315m	22.707	ng	
73) Carbazole	17.645	167	104035	5.459	ng	# 1
75) Fluoranthene	19.251	202	243688	9.195	ng	# 63
78) Pyrene	19.604	202	876976	32.112	ng	# 87
83) Chrysene	21.345	228	89097	3.333	ng	# 74

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

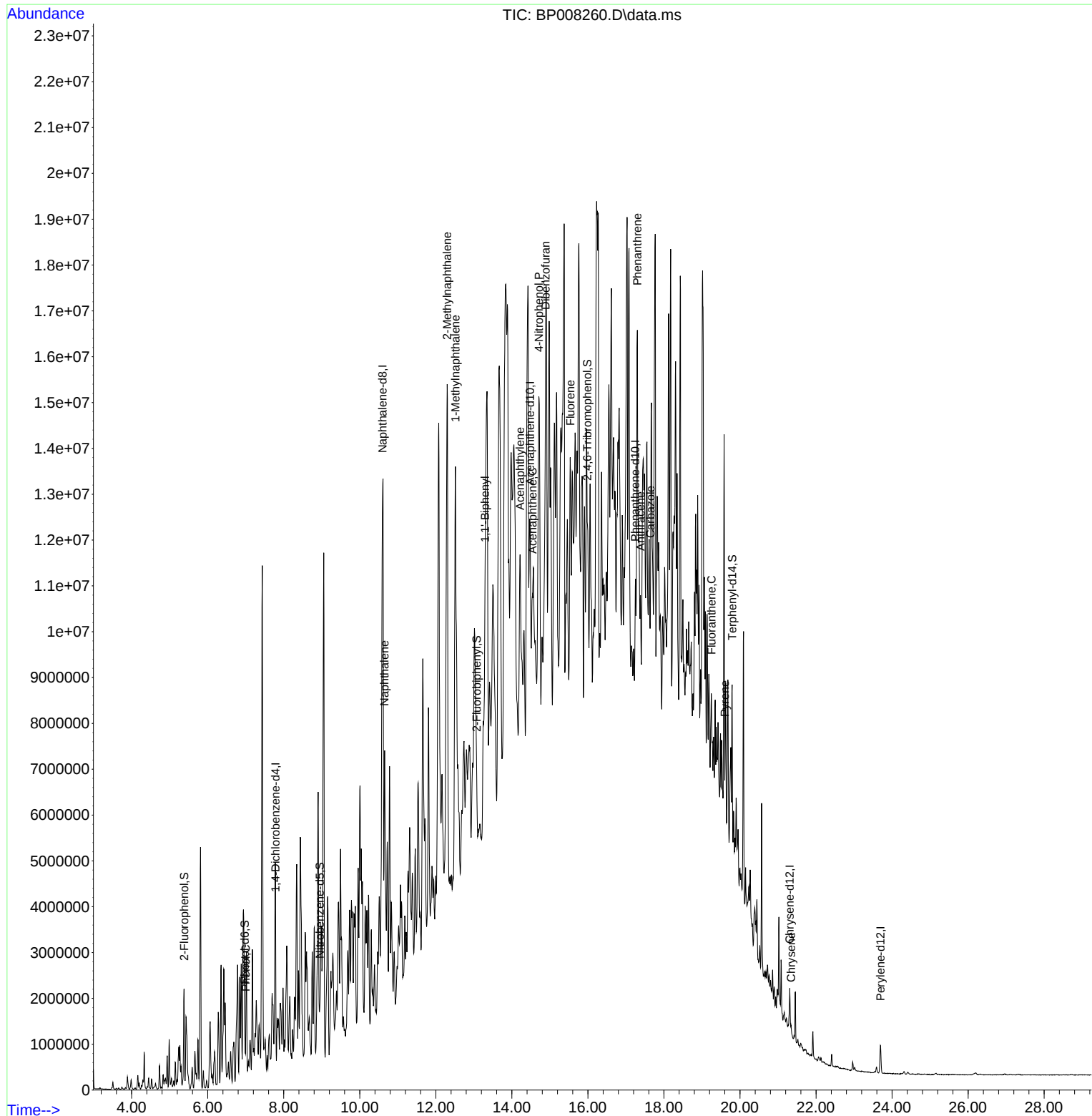
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120721\
Data File : BP008260.D
Acq On : 07 Dec 2021 20:40
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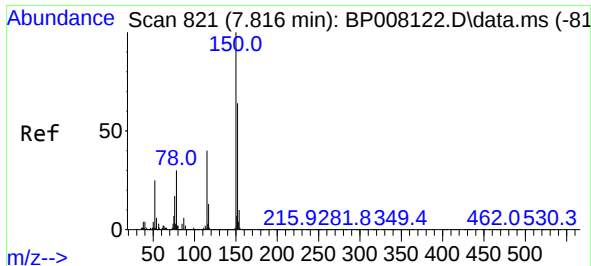
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SB-5(7.5-8)

Quant Time: Dec 08 01:10:41 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 03 14:39:24 2021
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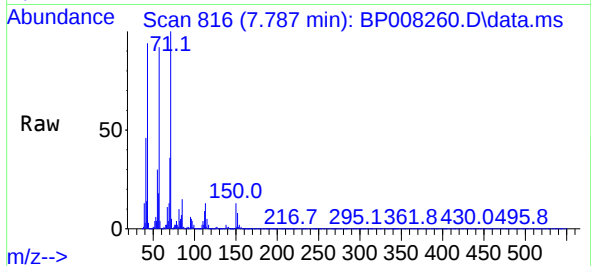
Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :Sohil Jodhani 12/10/2021





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP008260.D
Acq: 07 Dec 2021 20:40

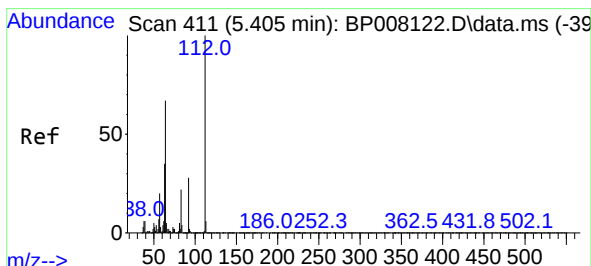
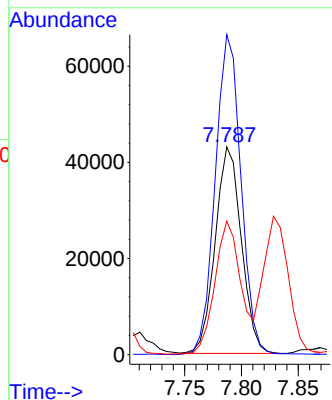
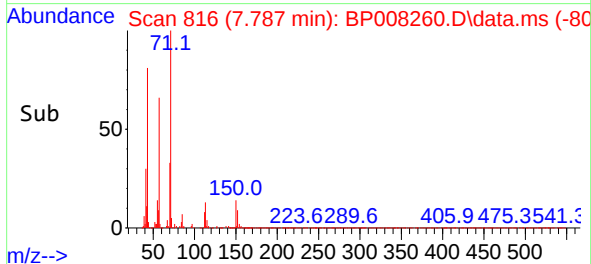
Instrument :
BNA_P
ClientSampleId :
SB-5(7.5-8)



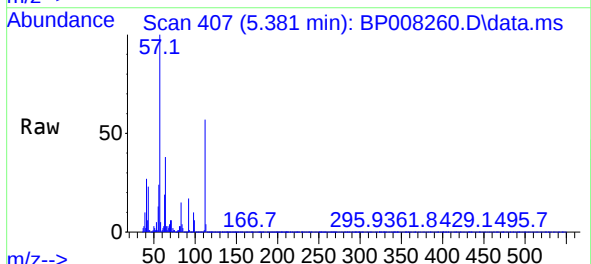
Tgt Ion:152 Resp: 68772
Ion Ratio Lower Upper
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150 154.0 125.7 188.5
115 64.3 50.7 76.1

Manual Integrations
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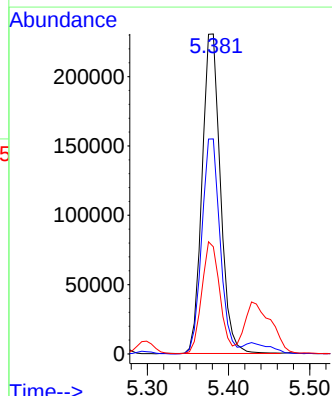
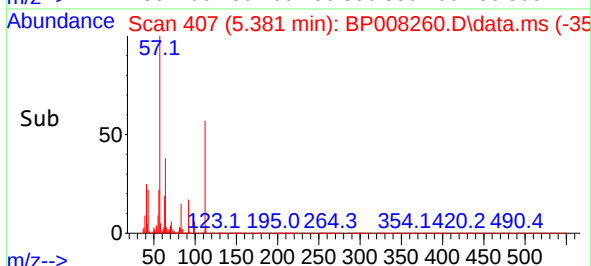
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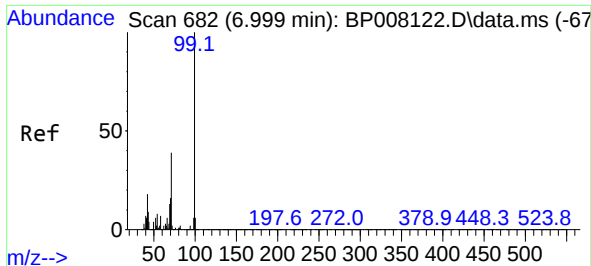


#5
2-Fluorophenol
Concen: 84.679 ng
RT: 5.381 min Scan# 407
Delta R.T. -0.006 min
Lab File: BP008260.D
Acq: 07 Dec 2021 20:40



Tgt Ion:112 Resp: 361689
Ion Ratio Lower Upper
112 100
64 67.2 53.4 80.2
63 33.5 27.8 41.8





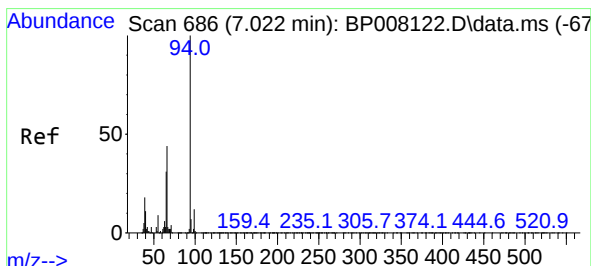
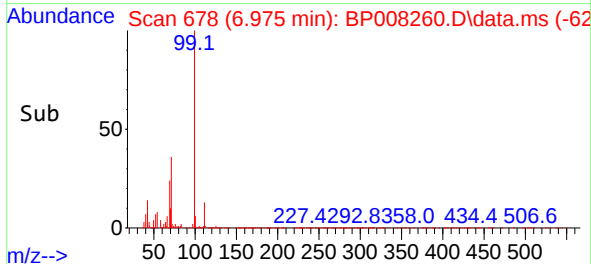
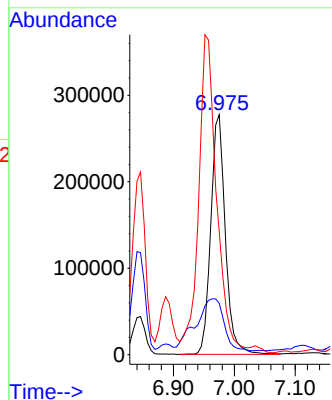
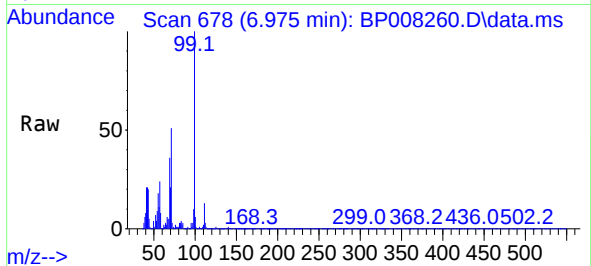
#7
Phenol-d6
Concen: 79.794 ng
RT: 6.975 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP008260.D
Acq: 07 Dec 2021 20:40

Instrument :
BNA_P
ClientSampleId :
SB-5(7.5-8)

Tgt Ion: 99 Resp: 460089
Ion Ratio Lower Upper
99 100
42 21.4 14.6 22.0
71 51.1 31.1 46.7

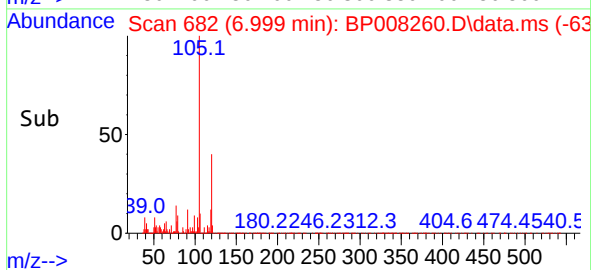
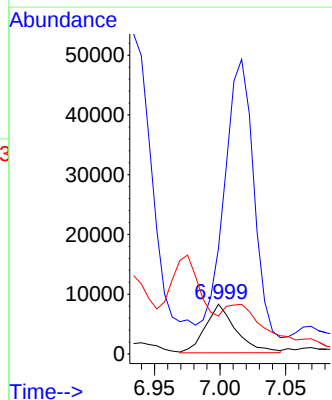
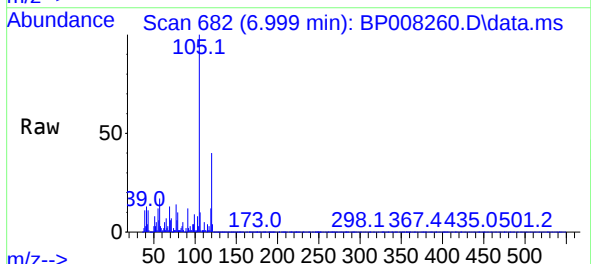
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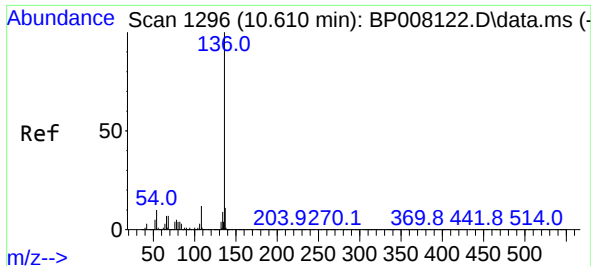
Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :Sohil Jodhani 12/10/2021



#10
Phenol
Concen: 2.219 ng
RT: 6.999 min Scan# 682
Delta R.T. -0.012 min
Lab File: BP008260.D
Acq: 07 Dec 2021 20:40

Tgt Ion: 94 Resp: 13150
Ion Ratio Lower Upper
94 100
65 212.0 10.9 50.9#
66 76.1 24.3 64.3#





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.599 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BP008260.D
Acq: 07 Dec 2021 20:40

Instrument :

BNA_P

ClientSampleId :

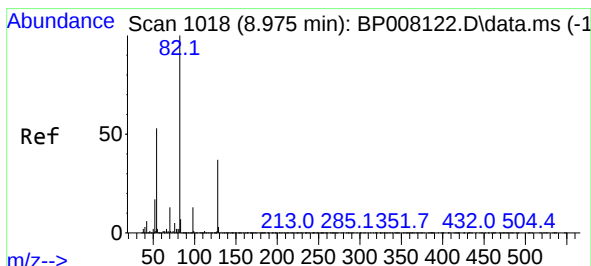
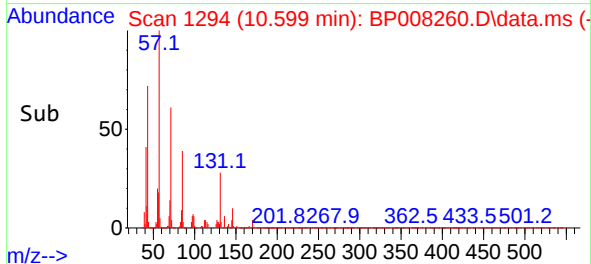
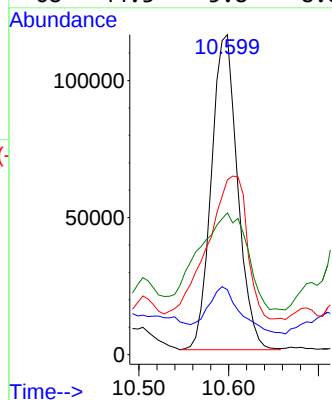
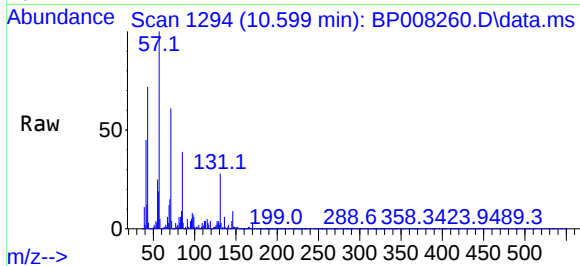
SB-5(7.5-8)

Tgt Ion:136 Resp: 233490
Ion Ratio Lower Upper
136 100
137 20.3 9.0 13.6
54 54.6 8.2 12.4
68 44.3 5.8 8.8

Manual Integrations

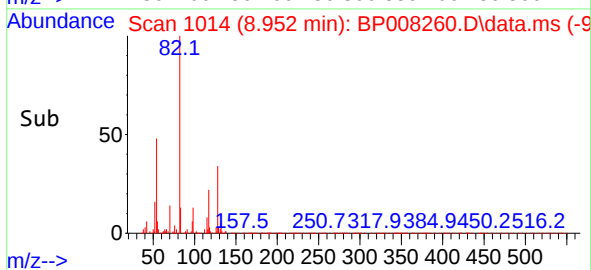
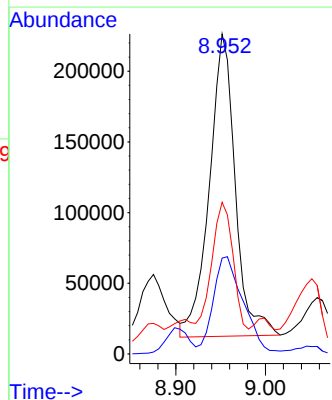
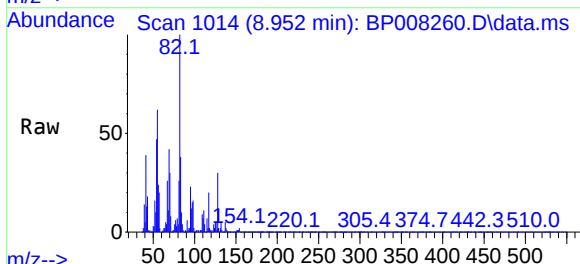
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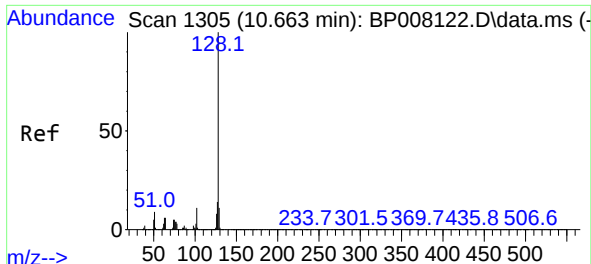
Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :Sohil Jodhani 12/10/2021



#23
Nitrobenzene-d5
Concen: 83.304 ng
RT: 8.952 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BP008260.D
Acq: 07 Dec 2021 20:40

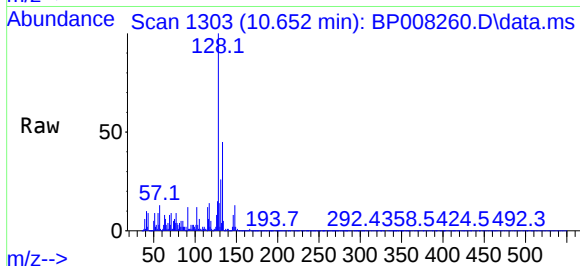
Tgt Ion: 82 Resp: 427749
Ion Ratio Lower Upper
82 100
128 30.0 29.6 44.4
54 47.4 42.7 64.1





#31
Naphthalene
Concen: 215.271 ng
RT: 10.652 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP008260.D
Acq: 07 Dec 2021 20:40

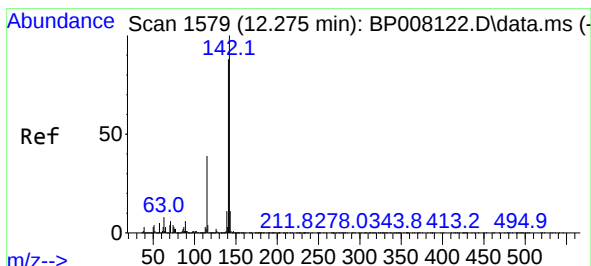
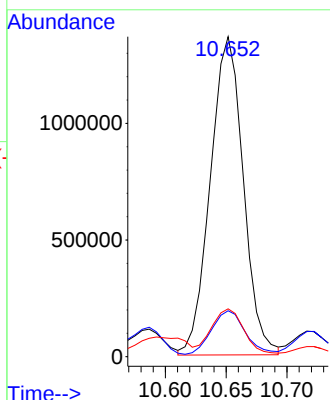
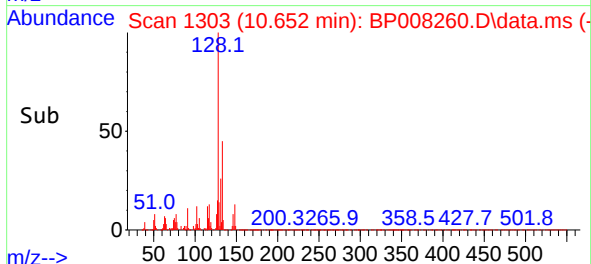
Instrument :
BNA_P
ClientSampleId :
SB-5(7.5-8)



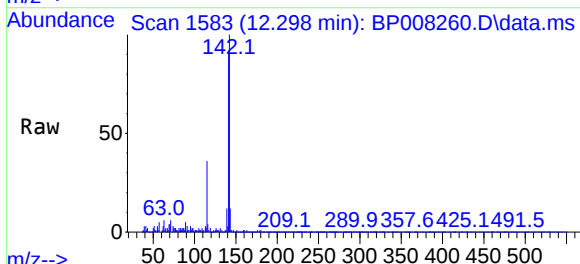
Tgt Ion:128 Resp: 2574924
Ion Ratio Lower Upper
128 100
129 14.3 8.5 12.7
127 15.0 10.9 16.3

Manual Integrations
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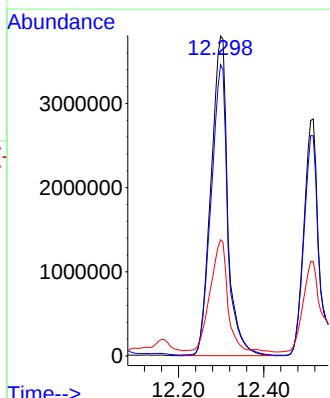
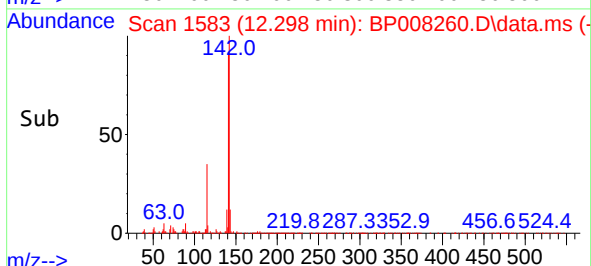
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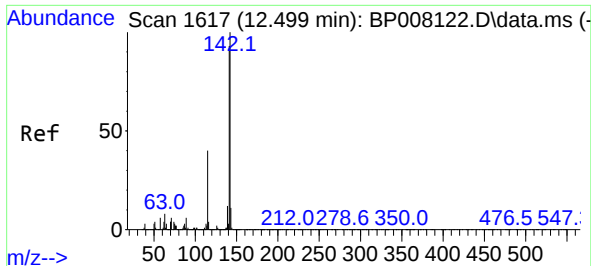


#37
2-Methylnaphthalene
Concen: 1224.455 ng
RT: 12.298 min Scan# 1583
Delta R.T. 0.035 min
Lab File: BP008260.D
Acq: 07 Dec 2021 20:40



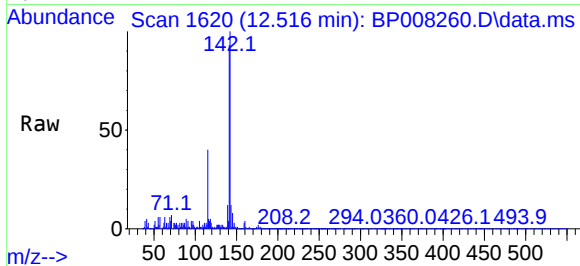
Tgt Ion:142 Resp:10358700
Ion Ratio Lower Upper
142 100
141 91.1 70.7 106.1
115 36.3 30.9 46.3





#38
1-Methylnaphthalene
Concen: 848.947 ng
RT: 12.516 min Scan# 1620
Delta R.T. 0.035 min
Lab File: BP008260.D
Acq: 07 Dec 2021 20:40

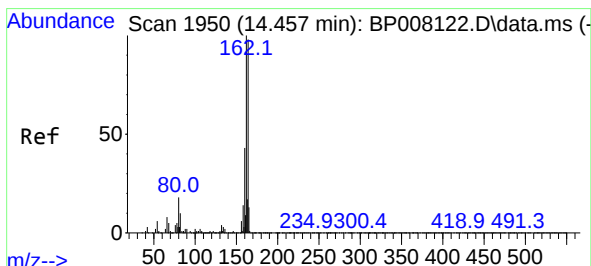
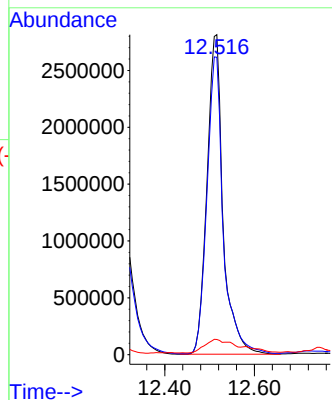
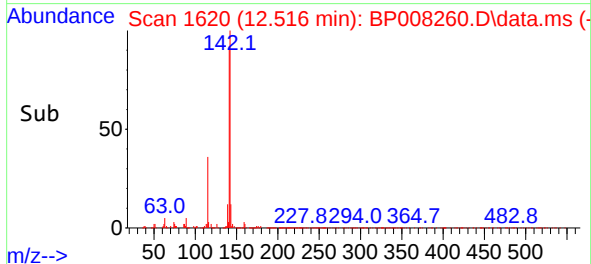
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SB-5(7.5-8)



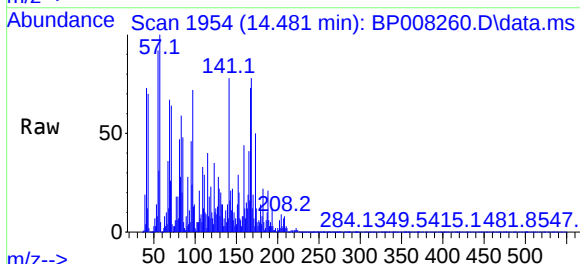
Tgt Ion:142 Resp: 6990770
Ion Ratio Lower Upper
142 100
141 93.0 74.2 111.4
116 4.8 3.4 5.2

Manual Integrations
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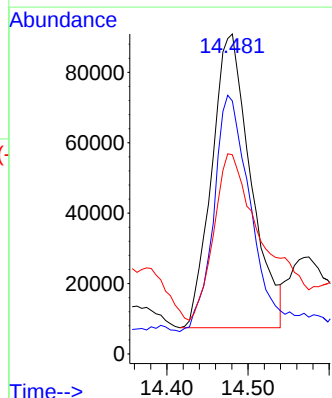
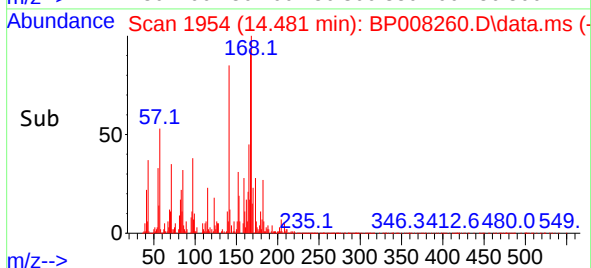
Reviewed By :Jagrut Upadhyay 12/08/2021
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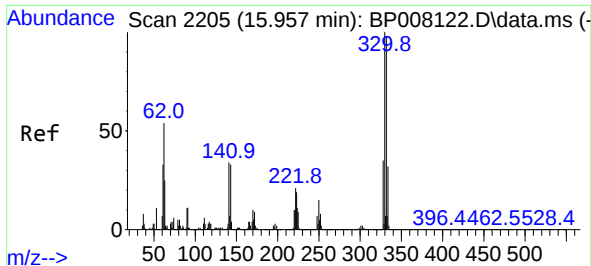


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.481 min Scan# 1954
Delta R.T. 0.035 min
Lab File: BP008260.D
Acq: 07 Dec 2021 20:40



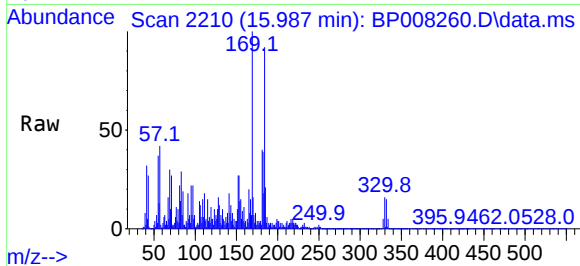
Tgt Ion:164 Resp: 278187
Ion Ratio Lower Upper
164 100
162 79.0 81.9 122.9#
160 62.3 35.4 53.0#





#42
2,4,6-Tribromophenol
Concen: 63.917 ng
RT: 15.987 min Scan# 21
Delta R.T. 0.035 min
Lab File: BP008260.D
Acq: 07 Dec 2021 20:40

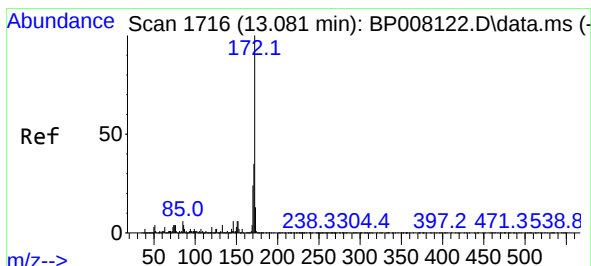
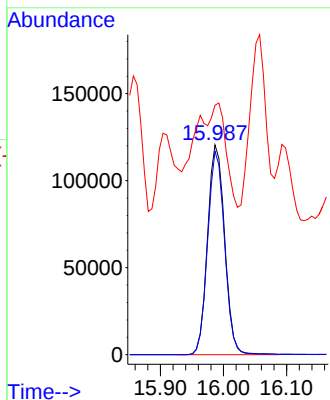
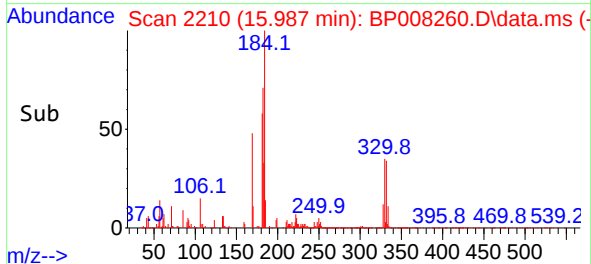
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SB-5(7.5-8)



Tgt Ion:330 Resp: 22726
Ion Ratio Lower Upper
330 100
332 95.7 77.0 115.4
141 0.0 28.4 42.6

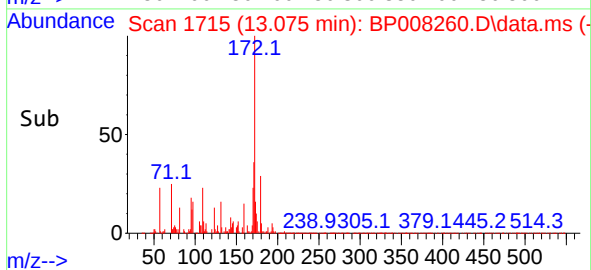
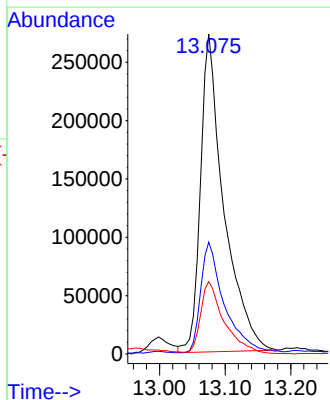
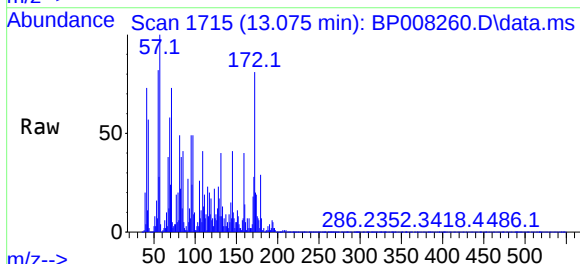
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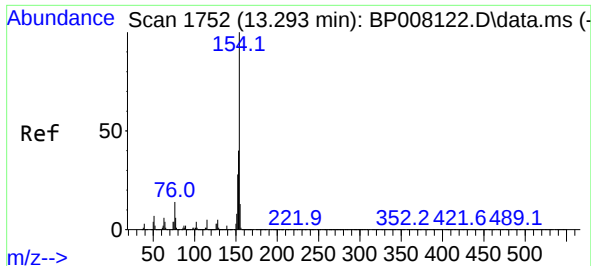
Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :Sohil Jodhani 12/10/2021



#45
2-Fluorobiphenyl
Concen: 35.234 ng
RT: 13.075 min Scan# 1715
Delta R.T. 0.006 min
Lab File: BP008260.D
Acq: 07 Dec 2021 20:40

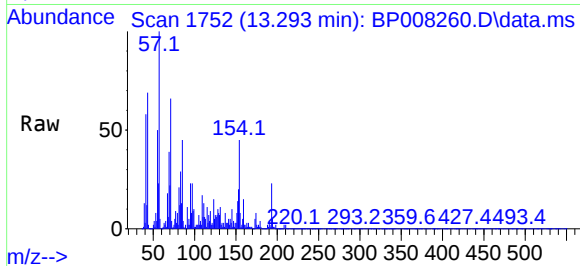
Tgt Ion:172 Resp: 674787
Ion Ratio Lower Upper
172 100
171 35.0 28.0 42.0
170 22.6 18.9 28.3





#46
1,1'-Biphenyl
Concen: 60.579 ng
RT: 13.293 min Scan# 11
Delta R.T. 0.012 min
Lab File: BP008260.D
Acq: 07 Dec 2021 20:40

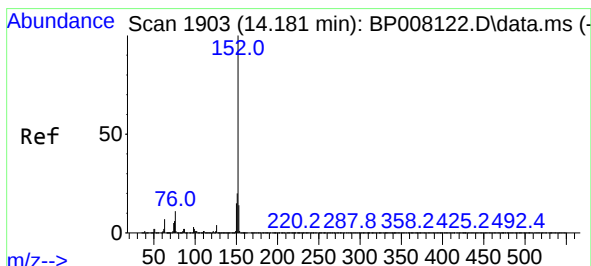
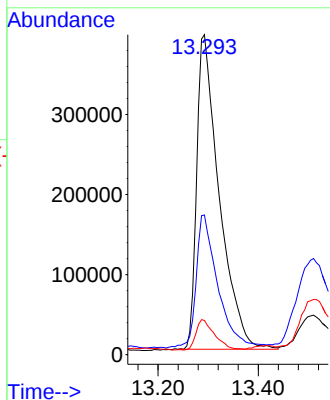
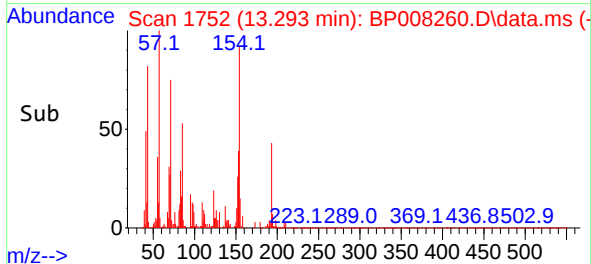
Instrument :
BNA_P
ClientSampleId :
SB-5(7.5-8)



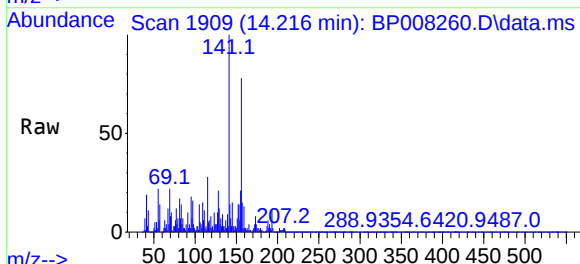
Tgt Ion:154 Resp: 1222699
Ion Ratio Lower Upper
154 100
153 43.6 19.7 59.7
76 10.7 0.0 33.7

Manual Integrations
APPROVED

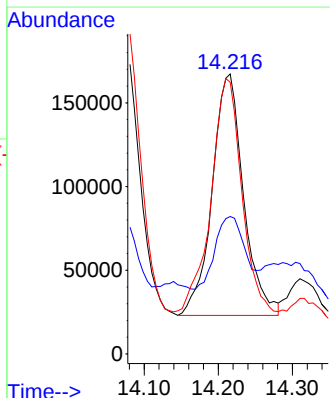
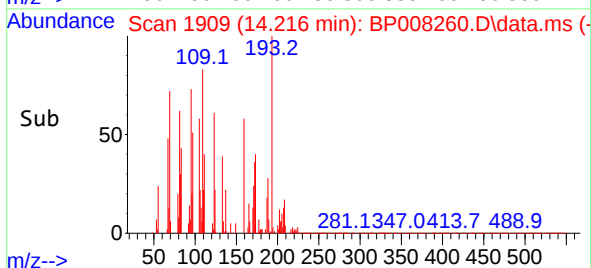
Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :Sohil Jodhani 12/10/2021

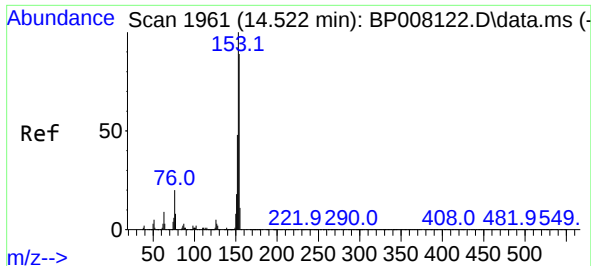


#49
Acenaphthylene
Concen: 17.232 ng
RT: 14.216 min Scan# 1909
Delta R.T. 0.047 min
Lab File: BP008260.D
Acq: 07 Dec 2021 20:40



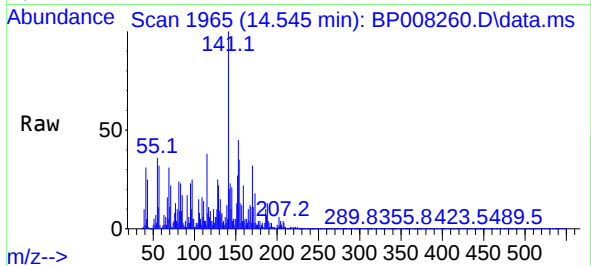
Tgt Ion:152 Resp: 423736
Ion Ratio Lower Upper
152 100
151 49.1 16.2 24.4#
153 97.0 10.9 16.3#





#52
Acenaphthene
Concen: 57.567 ng
RT: 14.545 min Scan# 1965
Delta R.T. 0.029 min
Lab File: BP008260.D
Acq: 07 Dec 2021 20:40

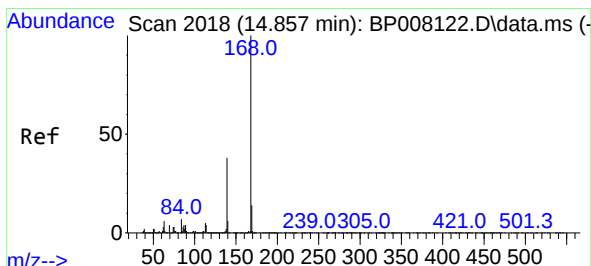
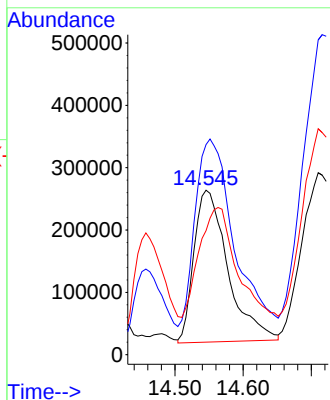
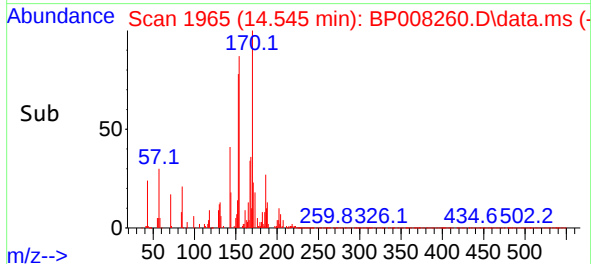
Instrument :
BNA_P
ClientSampleId :
SB-5(7.5-8)



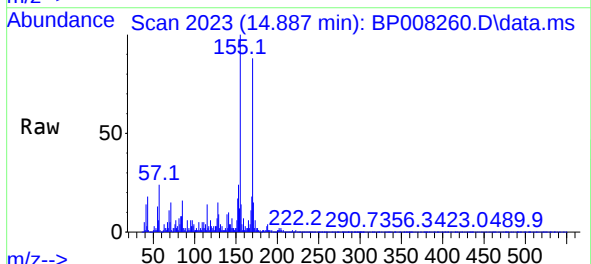
Tgt Ion:154 Resp: 84361
Ion Ratio Lower Upper
154 100
153 127.7 90.3 135.5
152 75.4 43.3 64.9

Manual Integrations
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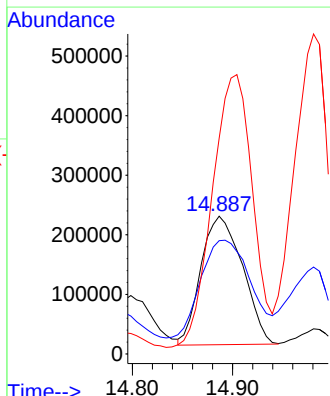
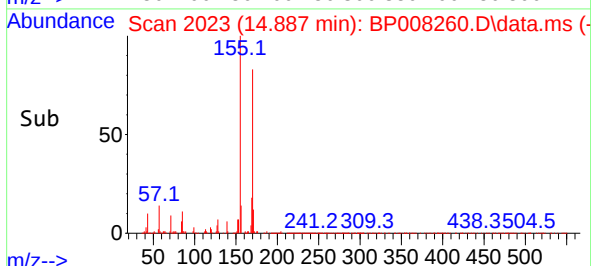
Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :Sohil Jodhani 12/10/2021

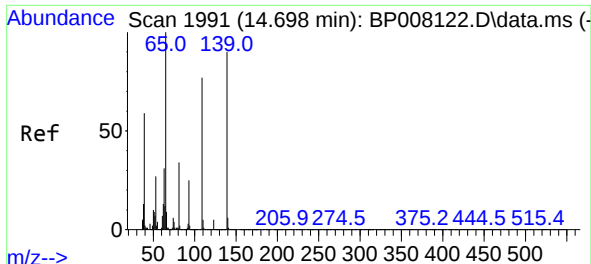


#55
Dibenzofuran
Concen: 24.895 ng
RT: 14.887 min Scan# 2023
Delta R.T. 0.035 min
Lab File: BP008260.D
Acq: 07 Dec 2021 20:40



Tgt Ion:168 Resp: 623437
Ion Ratio Lower Upper
168 100
139 82.3 30.6 46.0#
169 156.6 11.0 16.4#





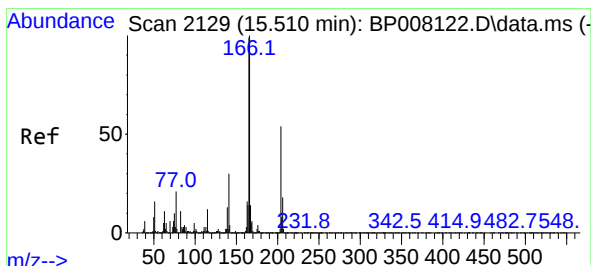
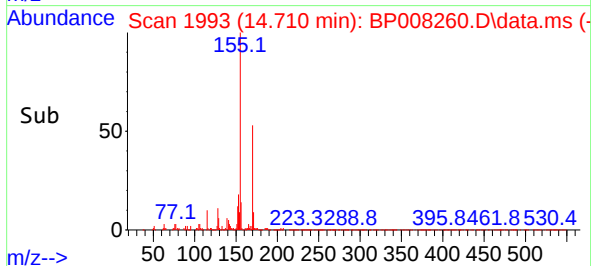
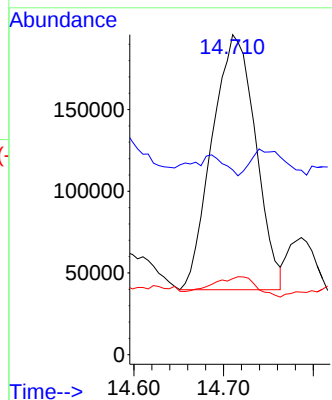
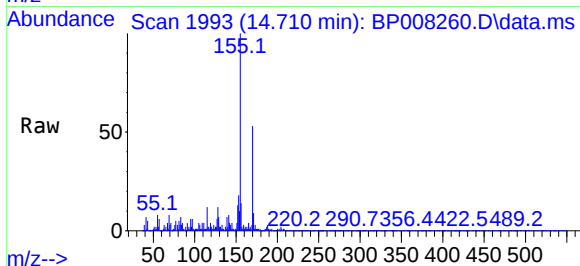
#56
4-Nitrophenol
Concen: 156.440 ng
RT: 14.710 min Scan# 1993
Delta R.T. 0.006 min
Lab File: BP008260.D
Acq: 07 Dec 2021 20:40

Instrument :
BNA_P
ClientSampleId :
SB-5(7.5-8)

Tgt Ion:139 Resp: 52683
Ion Ratio Lower Upper
139 100
109 57.7 65.9 105.9
65 23.8 91.9 131.9

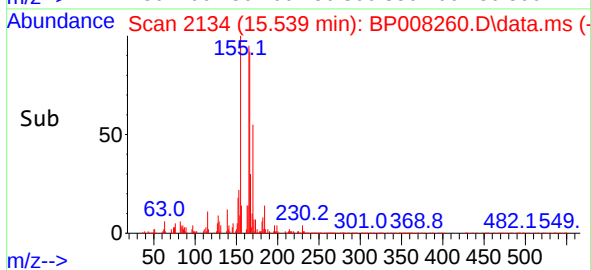
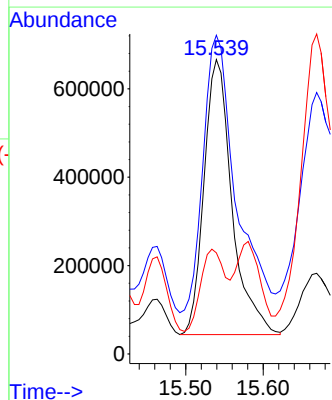
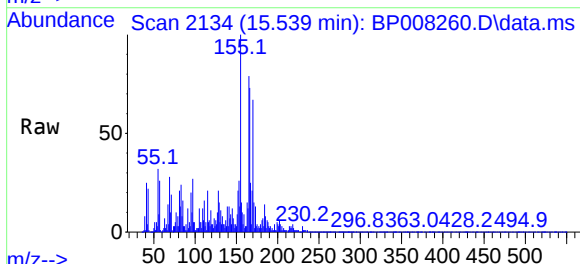
Manual Integrations
APPROVED

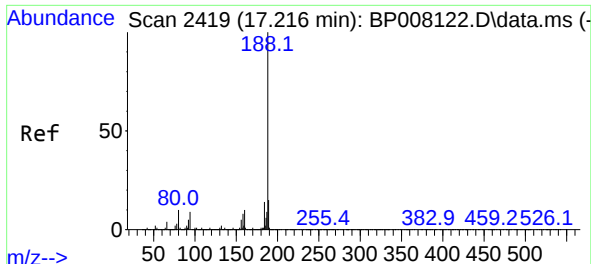
Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :Sohil Jodhani 12/10/2021



#58
Fluorene
Concen: 76.778 ng
RT: 15.539 min Scan# 2134
Delta R.T. 0.035 min
Lab File: BP008260.D
Acq: 07 Dec 2021 20:40

Tgt Ion:166 Resp: 1562151
Ion Ratio Lower Upper
166 100
165 108.3 79.4 119.2
167 34.3 10.9 16.3





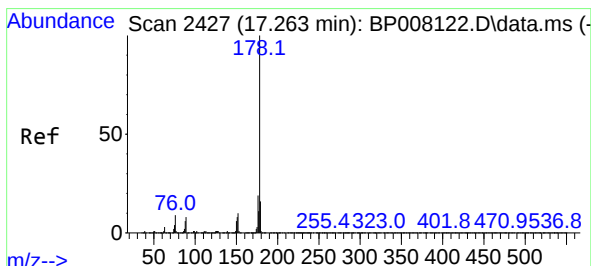
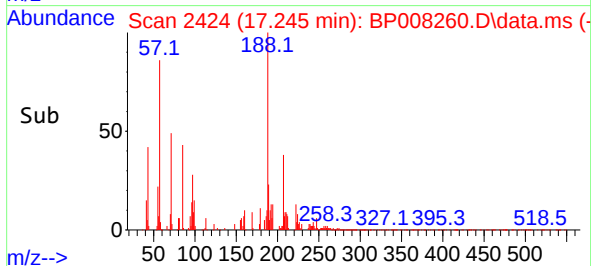
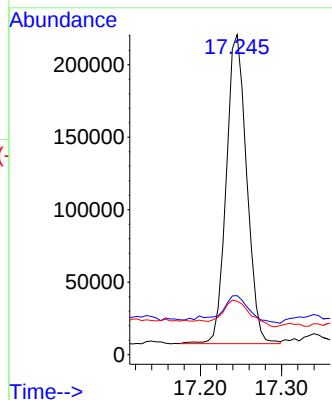
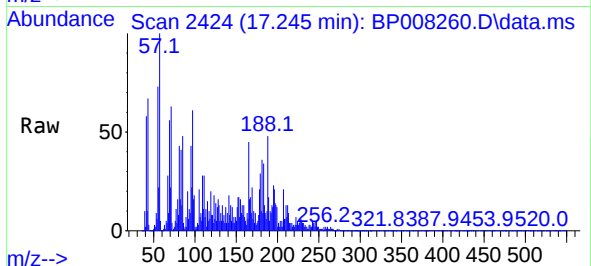
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.245 min Scan# 2419
Delta R.T. 0.035 min
Lab File: BP008260.D
Acq: 07 Dec 2021 20:40

Instrument :
BNA_P
ClientSampleId :
SB-5(7.5-8)

Tgt Ion:188 Resp: 372594
Ion Ratio Lower Upper
188 100
94 18.5 7.2 10.8
80 16.7 8.2 12.4

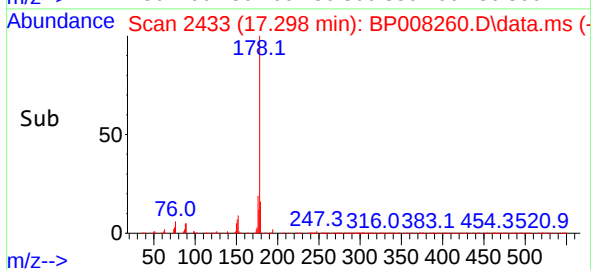
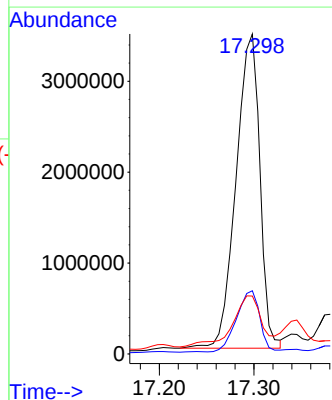
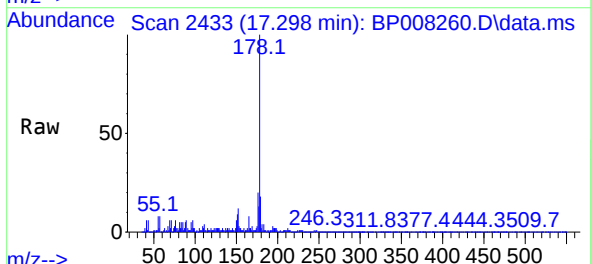
Manual Integrations
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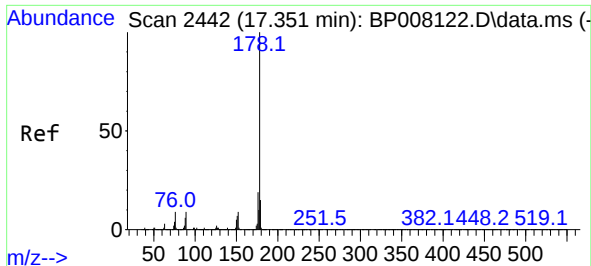
Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :Sohil Jodhani 12/10/2021



#71
Phenanthrene
Concen: 306.939 ng
RT: 17.298 min Scan# 2433
Delta R.T. 0.047 min
Lab File: BP008260.D
Acq: 07 Dec 2021 20:40

Tgt Ion:178 Resp: 6038176
Ion Ratio Lower Upper
178 100
176 19.7 15.3 22.9
179 18.1 12.5 18.7





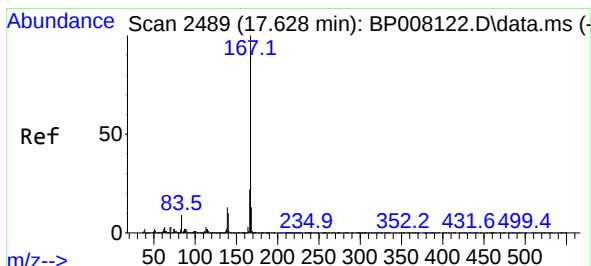
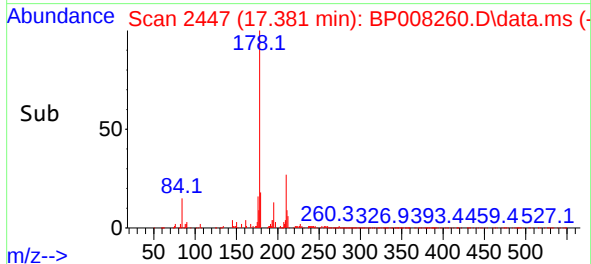
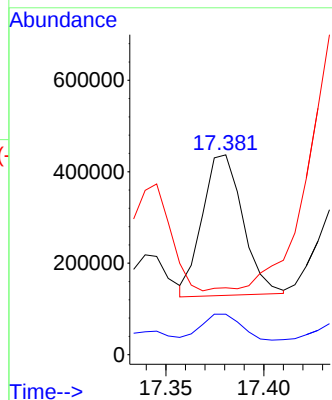
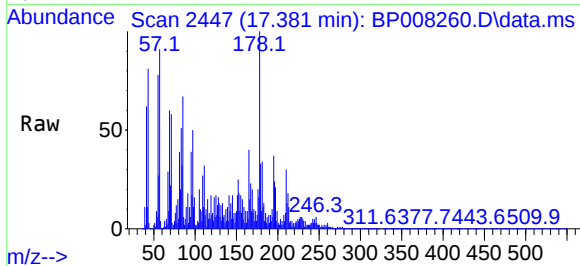
#72
 Anthracene
 Concen: 22.707 ng m
 RT: 17.381 min Scan# 2442
 Delta R.T. 0.035 min
 Lab File: BP008260.D
 Acq: 07 Dec 2021 20:40

Instrument :
 BNA_P
 ClientSampleId :
 SB-5(7.5-8)

Tgt Ion:178 Resp: 443315
 Ion Ratio Lower Upper
 178 100
 176 20.3 15.1 22.7
 179 33.4 12.3 18.5

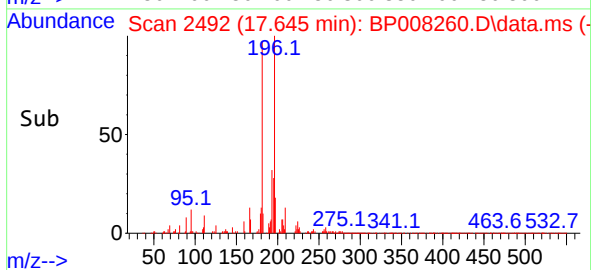
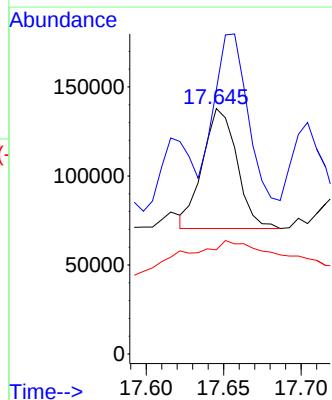
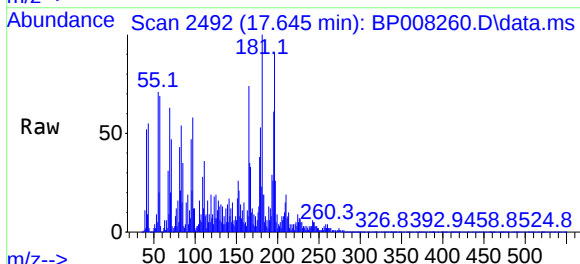
Manual Integrations
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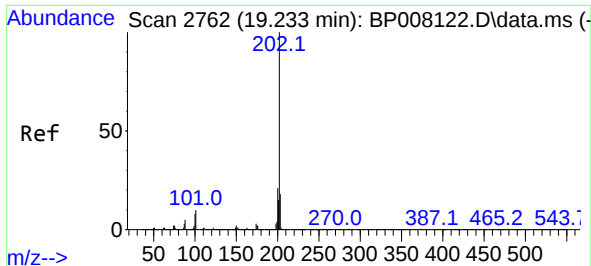
Reviewed By :Jagrut Upadhyay 12/08/2021
 Supervised By :Sohil Jodhani 12/10/2021



#73
 Carbazole
 Concen: 5.459 ng
 RT: 17.645 min Scan# 2492
 Delta R.T. 0.024 min
 Lab File: BP008260.D
 Acq: 07 Dec 2021 20:40

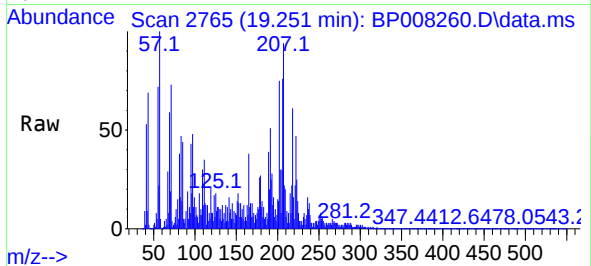
Tgt Ion:167 Resp: 104035
 Ion Ratio Lower Upper
 167 100
 166 107.7 17.4 26.0#
 139 42.4 10.2 15.2#





#75
Fluoranthene
Concen: 9.195 ng
RT: 19.251 min Scan# 21
Delta R.T. 0.018 min
Lab File: BP008260.D
Acq: 07 Dec 2021 20:40

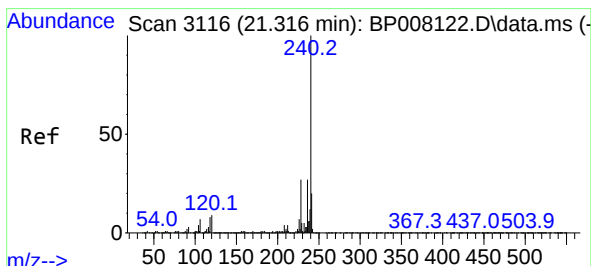
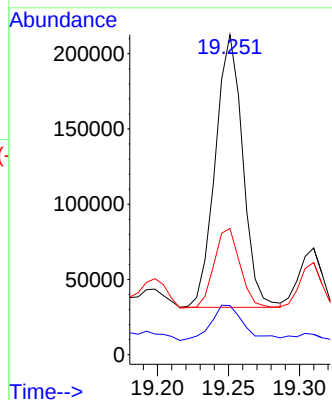
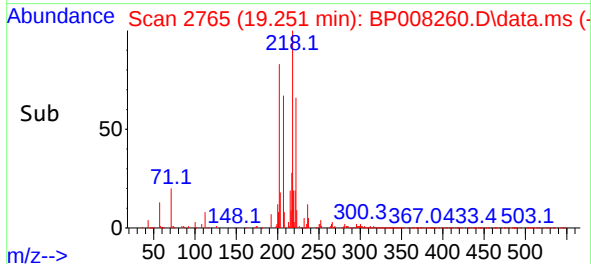
Instrument :
BNA_P
ClientSampleId :
SB-5(7.5-8)



Tgt Ion:202 Resp: 24368
Ion Ratio Lower Upper
202 100
101 15.4 0.0 29.8
203 39.4 0.0 37.7

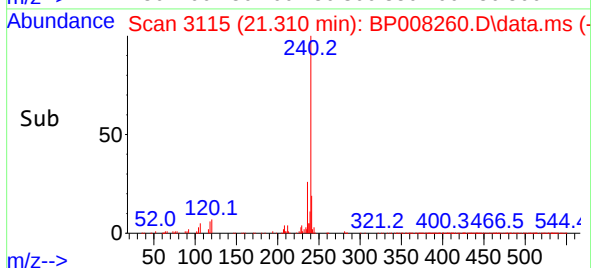
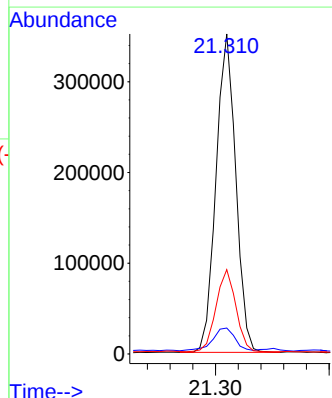
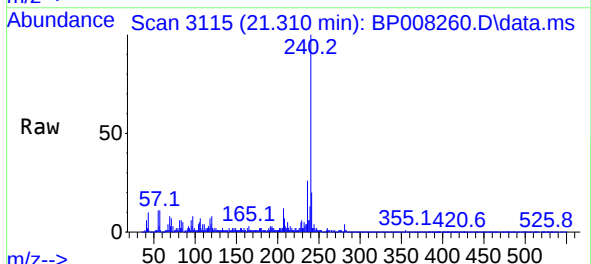
Manual Integrations
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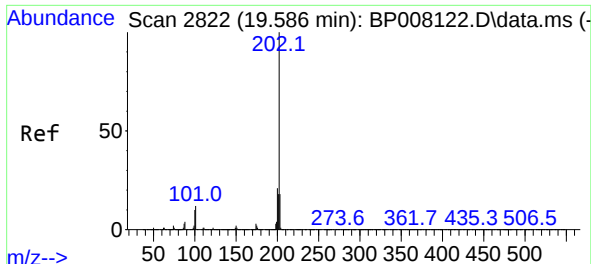
Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :Sohil Jodhani 12/10/2021



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.310 min Scan# 3115
Delta R.T. -0.006 min
Lab File: BP008260.D
Acq: 07 Dec 2021 20:40

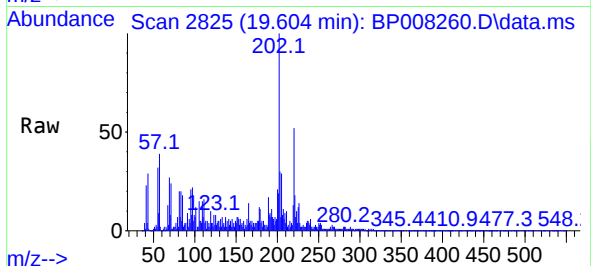
Tgt Ion:240 Resp: 423819
Ion Ratio Lower Upper
240 100
120 8.1 7.3 10.9
236 26.4 21.4 32.2





#78
Pyrene
Concen: 32.112 ng
RT: 19.604 min Scan# 2825
Delta R.T. 0.018 min
Lab File: BP008260.D
Acq: 07 Dec 2021 20:40

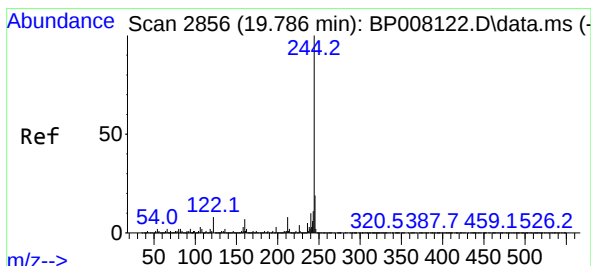
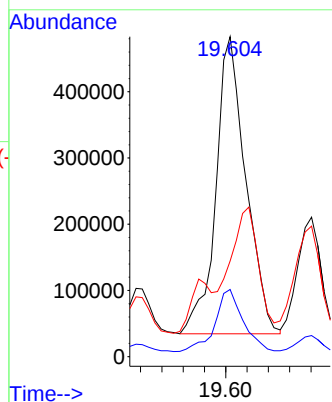
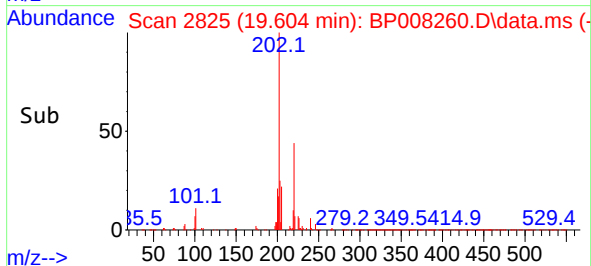
Instrument :
BNA_P
ClientSampleId :
SB-5(7.5-8)



Tgt Ion:202 Resp: 876970
Ion Ratio Lower Upper
202 100
200 21.0 17.1 25.7
203 29.9 14.2 21.2

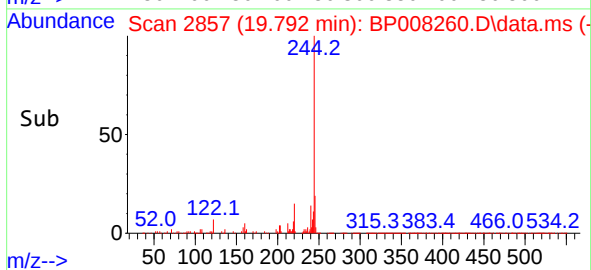
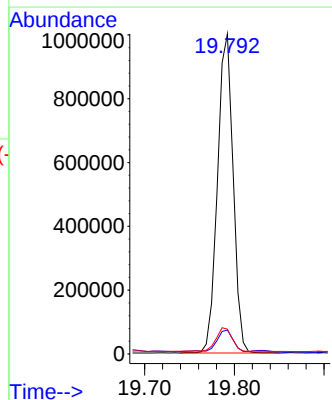
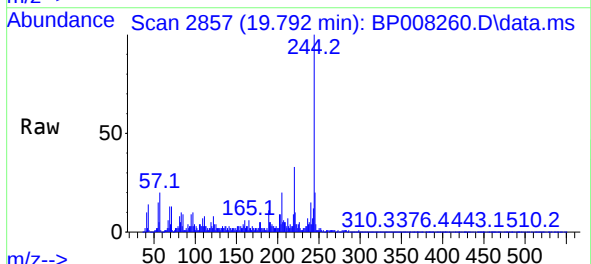
Manual Integrations
APPROVED

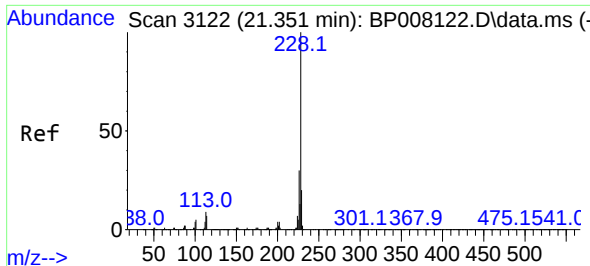
Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :Sohil Jodhani 12/10/2021



#79
Terphenyl-d14
Concen: 59.639 ng
RT: 19.792 min Scan# 2857
Delta R.T. 0.012 min
Lab File: BP008260.D
Acq: 07 Dec 2021 20:40

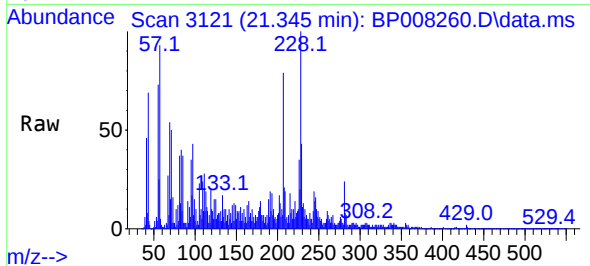
Tgt Ion:244 Resp: 1209424
Ion Ratio Lower Upper
244 100
212 7.4 6.0 9.0
122 7.7 6.6 9.8





#83
Chrysene
Concen: 3.333 ng
RT: 21.345 min Scan# 3121
Delta R.T. -0.006 min
Lab File: BP008260.D
Acq: 07 Dec 2021 20:40

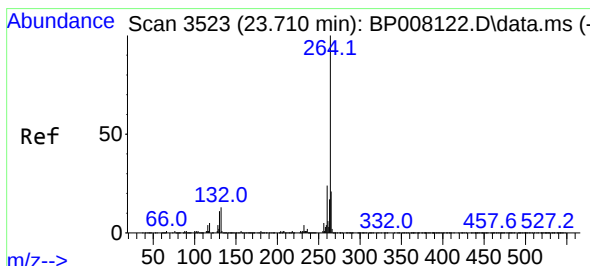
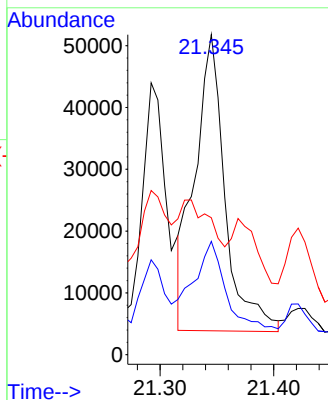
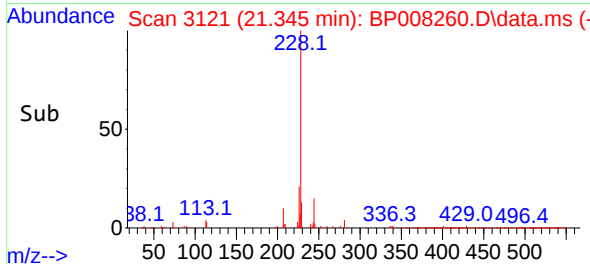
Instrument :
BNA_P
ClientSampleId :
SB-5(7.5-8)



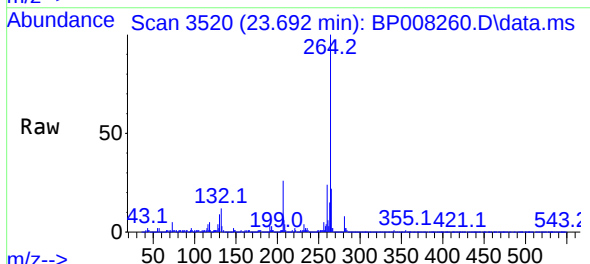
Tgt Ion:228 Resp: 8909
Ion Ratio Lower Upper
228 100
226 35.4 24.0 36.0
229 42.8 15.8 23.8

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :Sohil Jodhani 12/10/2021



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.692 min Scan# 3520
Delta R.T. -0.024 min
Lab File: BP008260.D
Acq: 07 Dec 2021 20:40



Tgt Ion:264 Resp: 475623
Ion Ratio Lower Upper
264 100
260 23.7 19.4 29.2
265 22.5 17.6 26.4

