

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120321\
 Data File : BP008221.D
 Acq On : 04 Dec 2021 00:13
 Operator : CG/JU
 Sample : M4915-03 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 B-2-10-15

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/06/2021
 Supervised By :Sohil Jodhani 12/06/2021

Quant Time: Dec 06 00:02:20 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	7.793	152	106523	20.000	ng	0.00
21) Naphthalene-d8	10.593	136	420551	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	292729	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	632919	20.000	ng	0.00
76) Chrysene-d12	21.316	240	572695	20.000	ng	0.00
86) Perylene-d12	23.721	264	558848	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	111910	16.915	ng	0.00
7) Phenol-d6	6.981	99	142247	15.927	ng	0.00
23) Nitrobenzene-d5	8.957	82	96582	10.443	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	68576	18.328	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	219050	10.869	ng	0.00
79) Terphenyl-d14	19.780	244	390703	14.258	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.245	178	73502	2.200	ng	# 84
75) Fluoranthene	19.227	202	160262	3.560	ng	92
78) Pyrene	19.580	202	189911	2.841	ng	# 93
81) Benzo(a)anthracene	21.304	228	87272	2.299	ng	# 73
83) Chrysene	21.351	228	98388	2.724	ng	# 73
88) Benzo(b)fluoranthene	22.986	252	136812m	4.061	ng	
90) Benzo(a)pyrene	23.615	252	87623	3.043	ng	# 59
92) Benzo(g,h,i)perylene	26.998	276	78424	2.302	ng	# 92

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

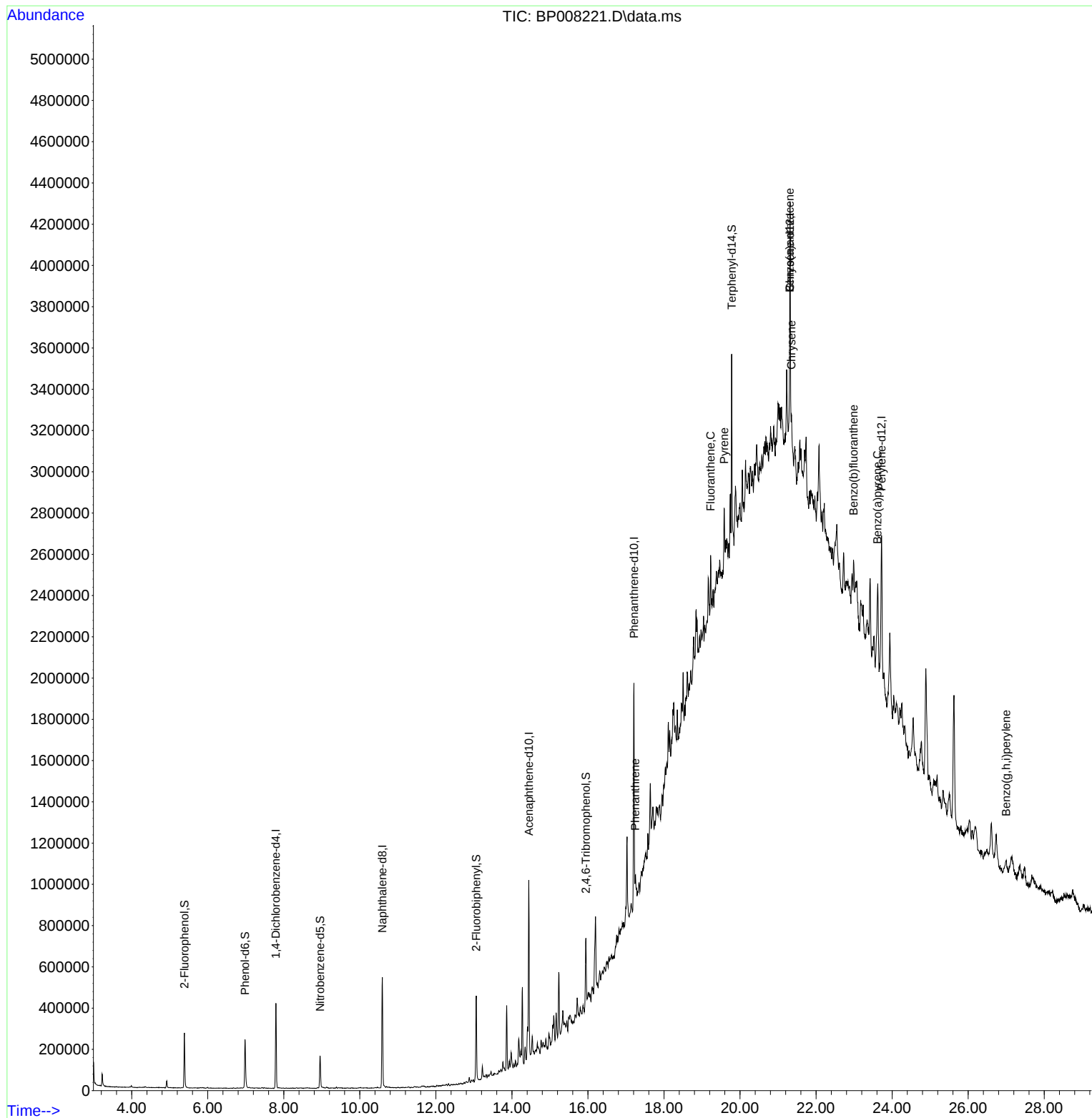
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120321\
Data File : BP008221.D
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Sample : M4915-03 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

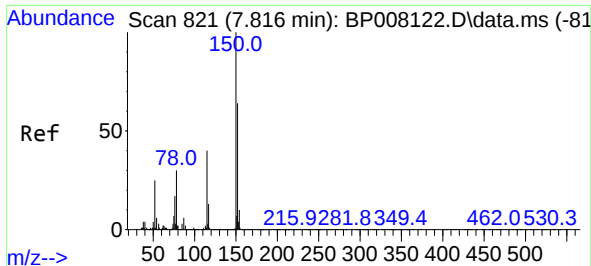
Instrument :
BNA_P
ClientSampleId :
B-2-10-15

Quant Time: Dec 06 00:02:20 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

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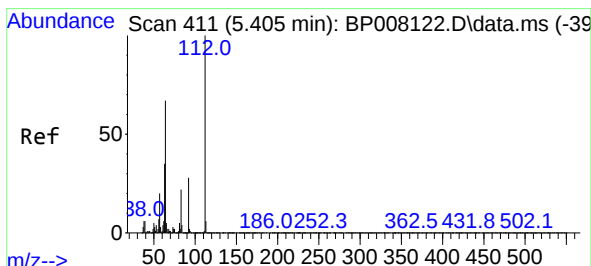
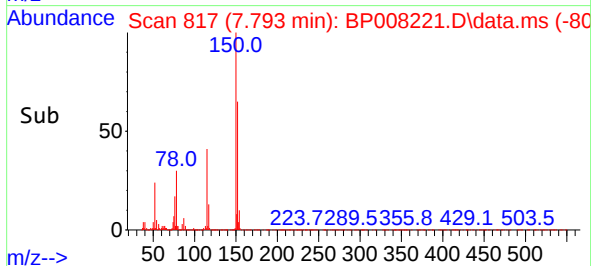
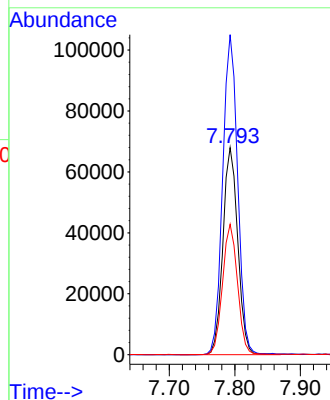
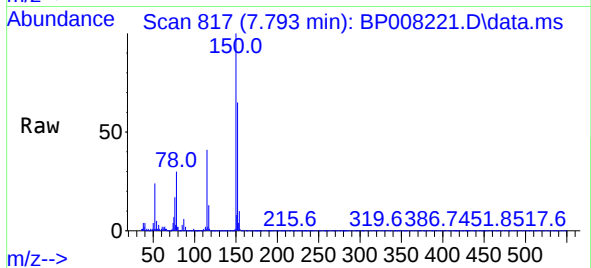
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.793 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP008221.D
Acq: 04 Dec 2021 00:13

Instrument :
BNA_P
ClientSampleId :
B-2-10-15

Tgt Ion:152 Resp: 10652
Ion Ratio Lower Upper
152 100
150 154.5 125.7 188.5
115 63.0 50.7 76.1

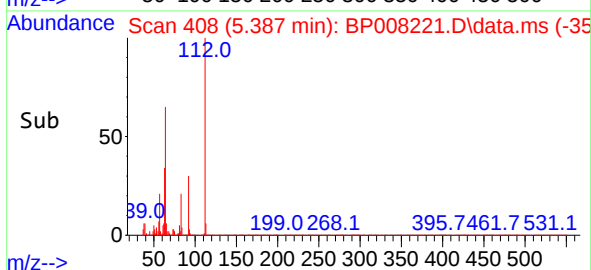
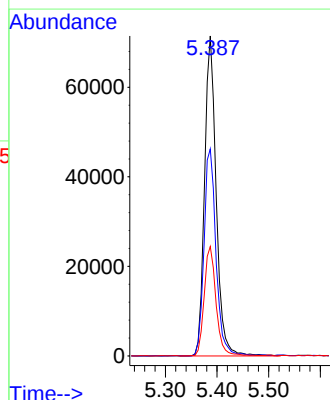
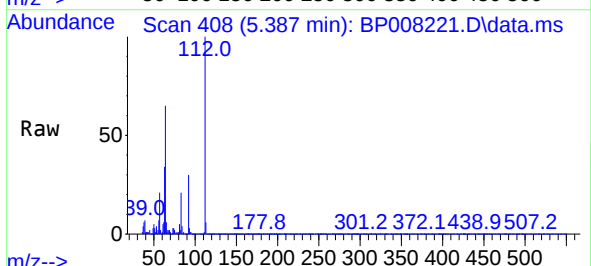
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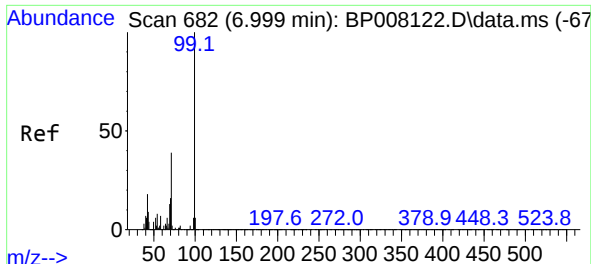
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#5
2-Fluorophenol
Concen: 16.915 ng
RT: 5.387 min Scan# 408
Delta R.T. -0.000 min
Lab File: BP008221.D
Acq: 04 Dec 2021 00:13

Tgt Ion:112 Resp: 111910
Ion Ratio Lower Upper
112 100
64 64.7 53.4 80.2
63 34.2 27.8 41.8





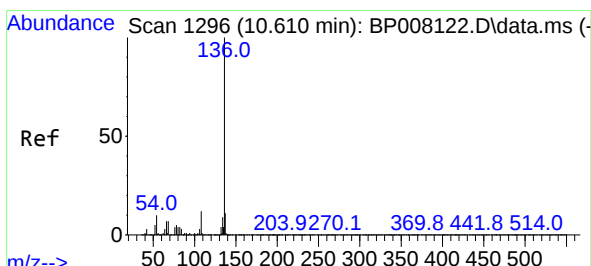
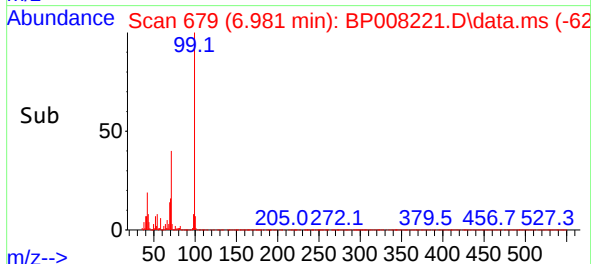
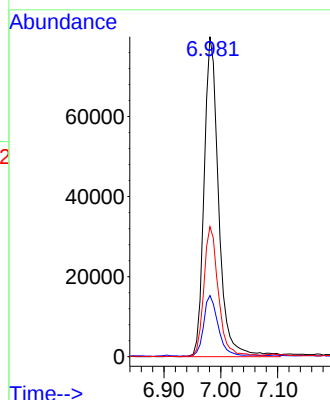
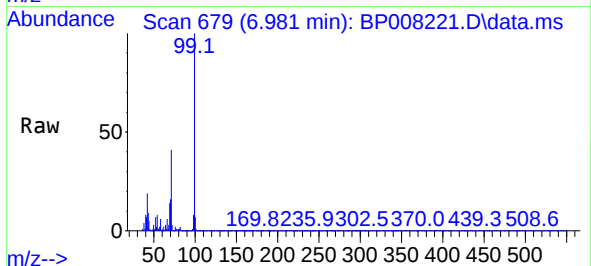
#7
Phenol-d6
Concen: 15.927 ng
RT: 6.981 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP008221.D
Acq: 04 Dec 2021 00:13

Instrument :
BNA_P
ClientSampleId :
B-2-10-15

Tgt Ion: 99 Resp: 14224
Ion Ratio Lower Upper
99 100
42 19.1 14.6 22.0
71 40.6 31.1 46.7

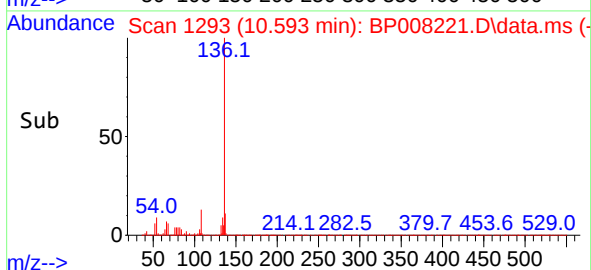
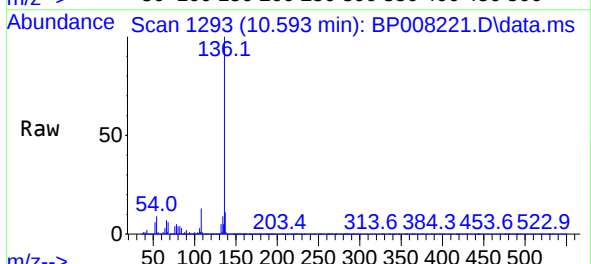
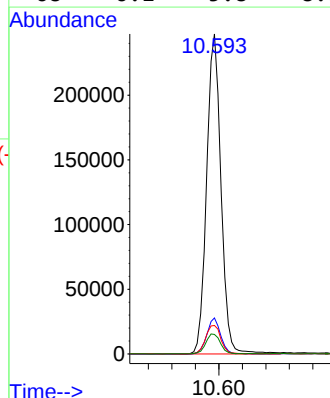
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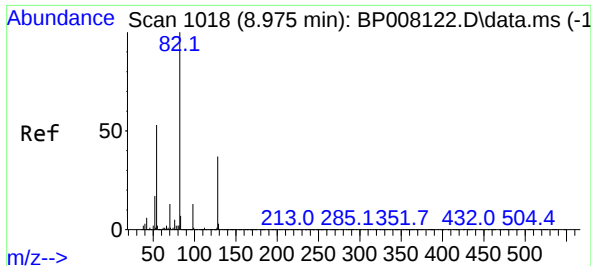
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Supervised By :Sohil Jodhani 12/06/2021



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.593 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BP008221.D
Acq: 04 Dec 2021 00:13

Tgt Ion:136 Resp: 420551
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.6
54 8.9 8.2 12.4
68 6.1 5.8 8.8





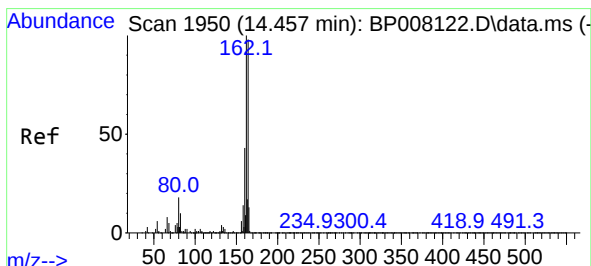
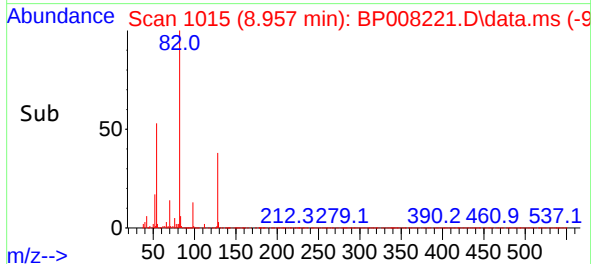
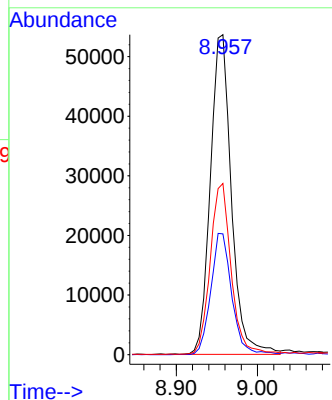
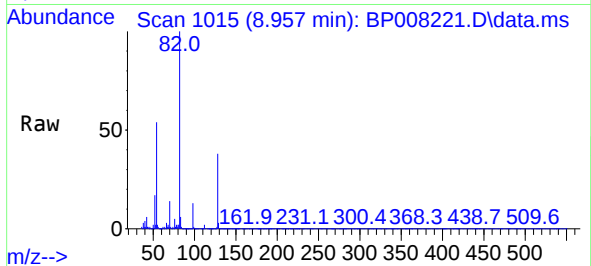
#23
Nitrobenzene-d5
Concen: 10.443 ng
RT: 8.957 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BP008221.D
Acq: 04 Dec 2021 00:13

Instrument :
BNA_P
ClientSampleId :
B-2-10-15

Tgt Ion: 82 Resp: 9658
Ion Ratio Lower Upper
82 100
128 37.8 29.6 44.4
54 53.5 42.7 64.1

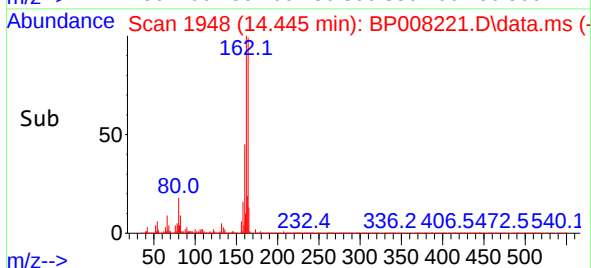
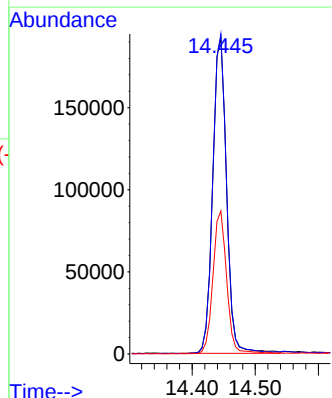
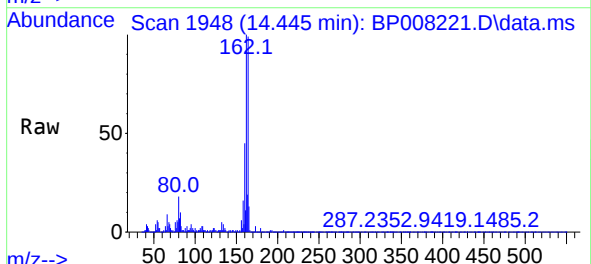
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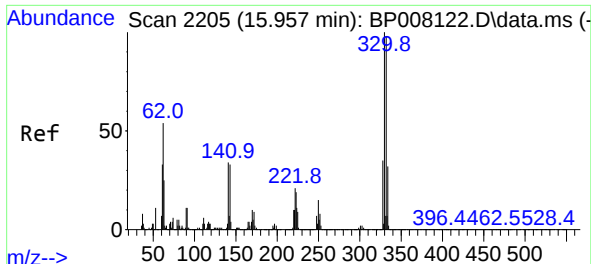
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Supervised By :Sohil Jodhani 12/06/2021



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.445 min Scan# 1948
Delta R.T. -0.000 min
Lab File: BP008221.D
Acq: 04 Dec 2021 00:13

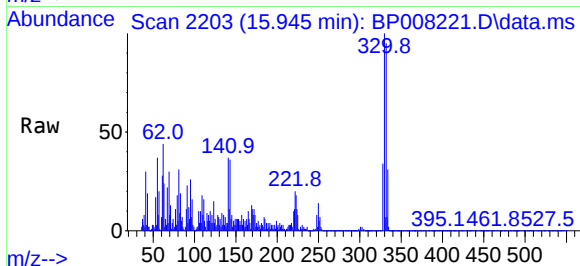
Tgt Ion:164 Resp: 292729
Ion Ratio Lower Upper
164 100
162 101.1 81.9 122.9
160 45.2 35.4 53.0





#42
2,4,6-Tribromophenol
Concen: 18.328 ng
RT: 15.945 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP008221.D
Acq: 04 Dec 2021 00:13

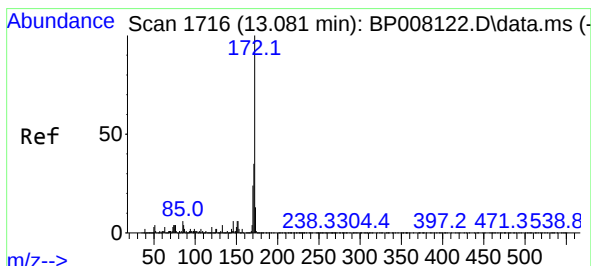
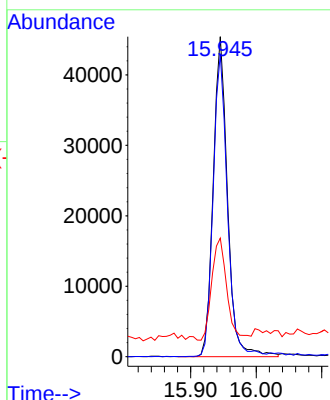
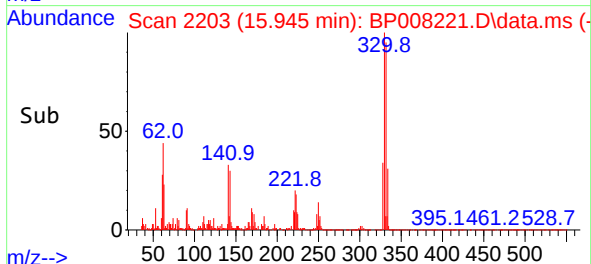
Instrument :
BNA_P
ClientSampleId :
B-2-10-15



Tgt Ion:330 Resp: 68570
Ion Ratio Lower Upper
330 100
332 94.6 77.0 115.4
141 33.4 28.4 42.6

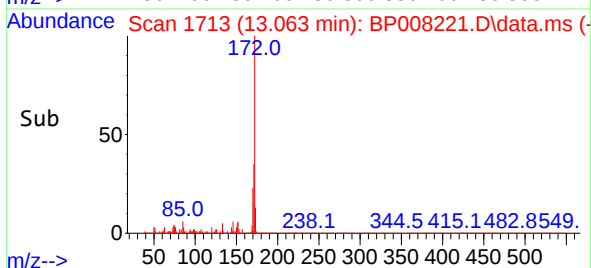
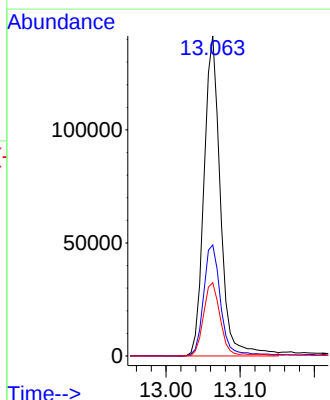
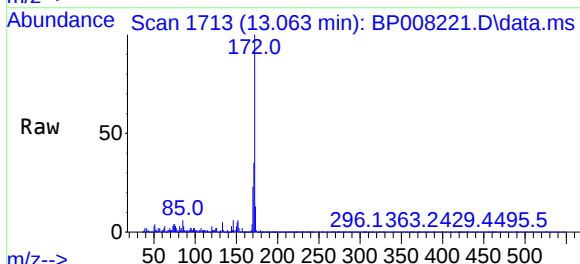
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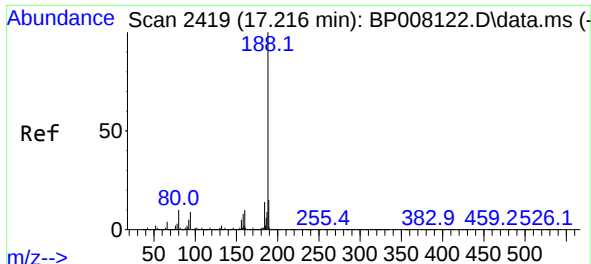
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/06/2021



#45
2-Fluorobiphenyl
Concen: 10.869 ng
RT: 13.063 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BP008221.D
Acq: 04 Dec 2021 00:13

Tgt Ion:172 Resp: 219050
Ion Ratio Lower Upper
172 100
171 34.7 28.0 42.0
170 22.9 18.9 28.3





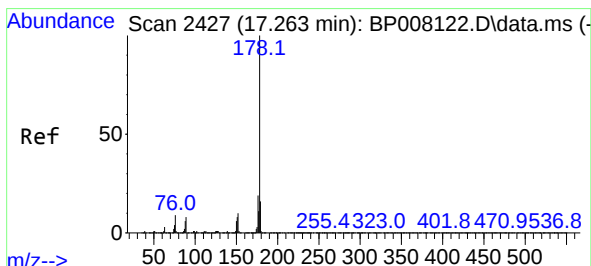
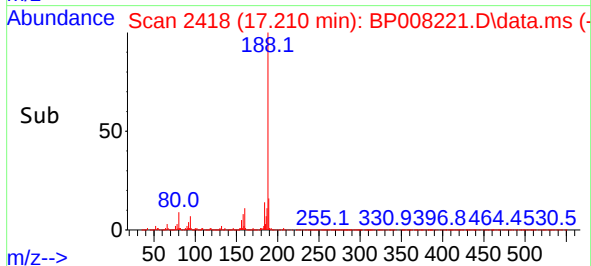
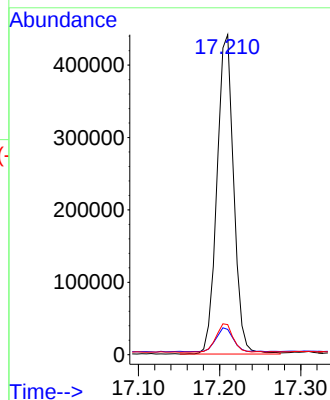
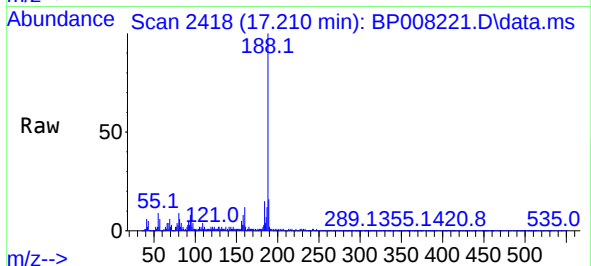
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.210 min Scan# 2419
Delta R.T. -0.000 min
Lab File: BP008221.D
Acq: 04 Dec 2021 00:13

Instrument :
BNA_P
ClientSampleId :
B-2-10-15

Tgt Ion:188 Resp: 632919
Ion Ratio Lower Upper
188 100
94 7.9 7.2 10.8
80 9.4 8.2 12.4

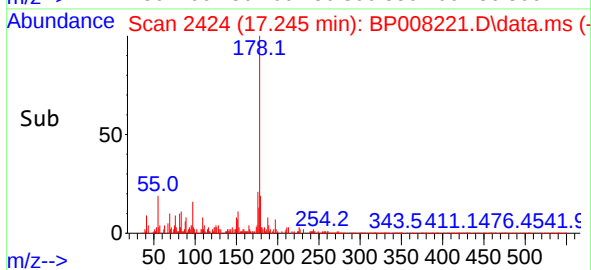
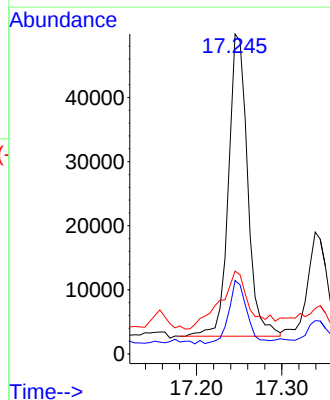
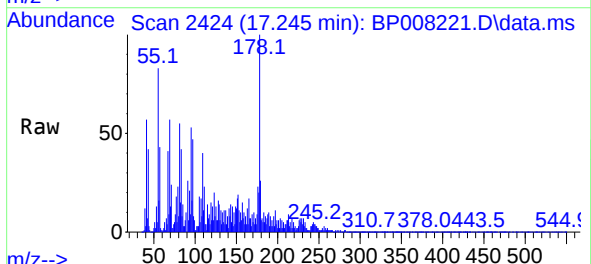
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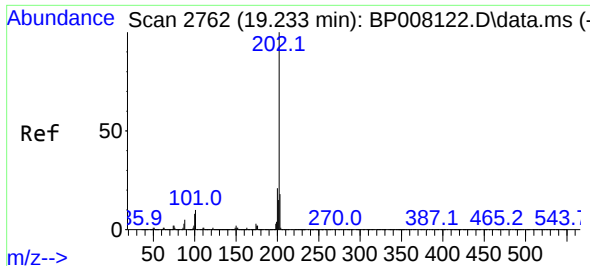
Reviewed By :Jagrut Upadhyay 12/06/2021
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#71
Phenanthrene
Concen: 2.200 ng
RT: 17.245 min Scan# 2424
Delta R.T. -0.006 min
Lab File: BP008221.D
Acq: 04 Dec 2021 00:13

Tgt Ion:178 Resp: 73502
Ion Ratio Lower Upper
178 100
176 22.9 15.3 22.9#
179 25.9 12.5 18.7#





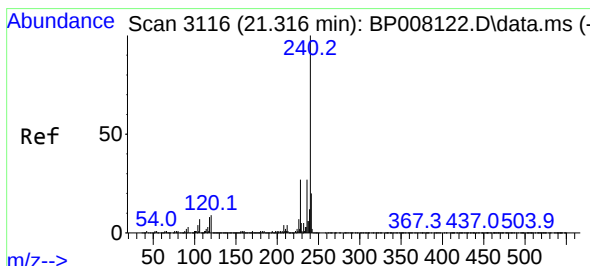
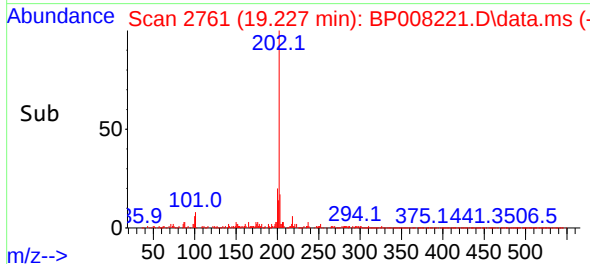
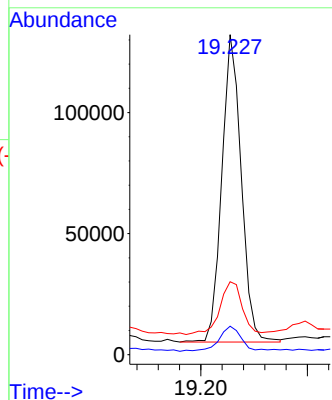
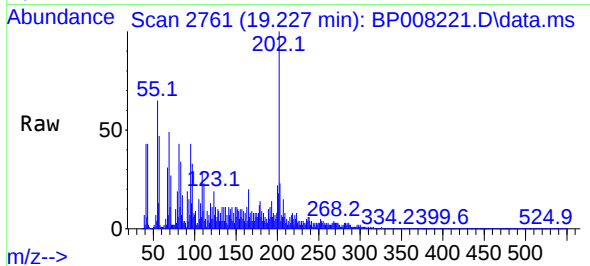
#75
Fluoranthene
Concen: 3.560 ng
RT: 19.227 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP008221.D
Acq: 04 Dec 2021 00:13

Instrument :
BNA_P
ClientSampleId :
B-2-10-15

Tgt Ion:202 Resp: 16026
Ion Ratio Lower Upper
202 100
101 8.9 0.0 29.8
203 22.8 0.0 37.7

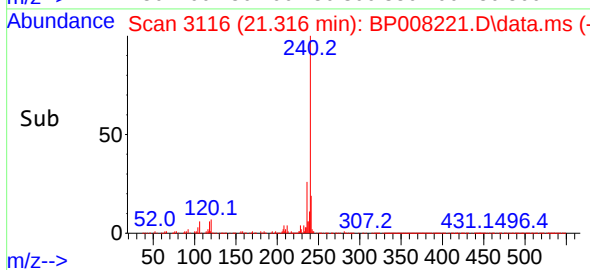
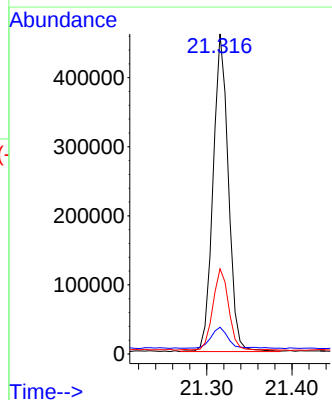
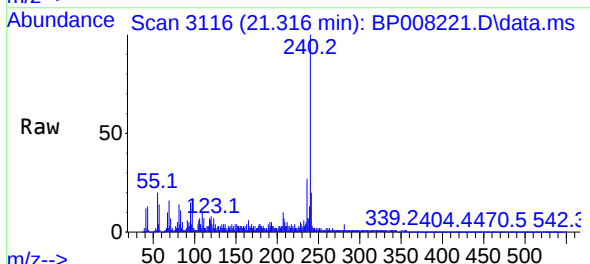
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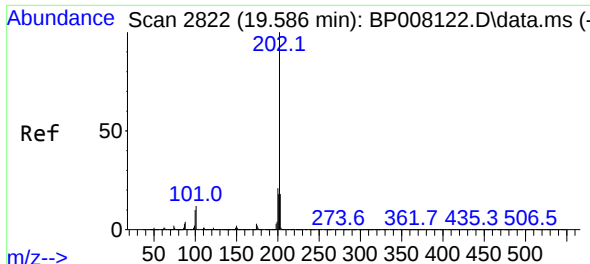
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.316 min Scan# 3116
Delta R.T. -0.000 min
Lab File: BP008221.D
Acq: 04 Dec 2021 00:13

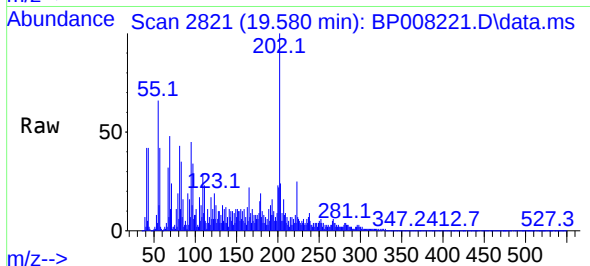
Tgt Ion:240 Resp: 572695
Ion Ratio Lower Upper
240 100
120 8.4 7.3 10.9
236 26.6 21.4 32.2





#78
Pyrene
Concen: 2.841 ng
RT: 19.580 min Scan# 2822
Delta R.T. -0.006 min
Lab File: BP008221.D
Acq: 04 Dec 2021 00:13

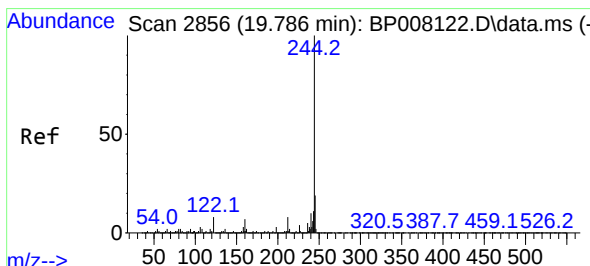
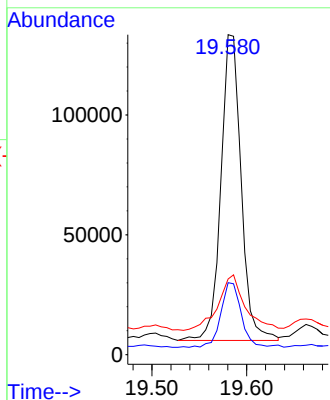
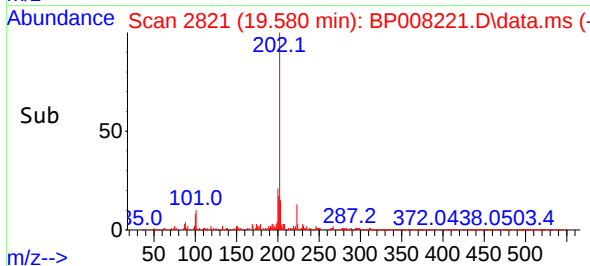
Instrument :
BNA_P
ClientSampleId :
B-2-10-15



Tgt Ion:202 Resp: 18991
Ion Ratio Lower Upper
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203 23.7 14.2 21.2

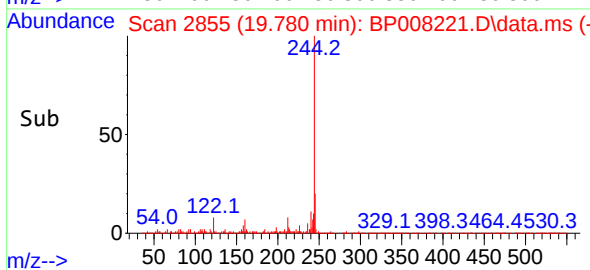
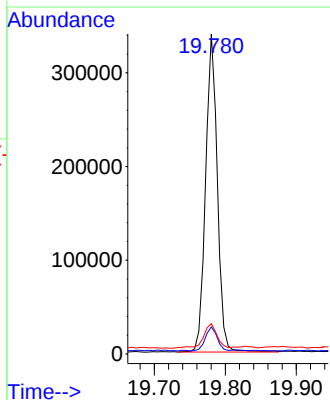
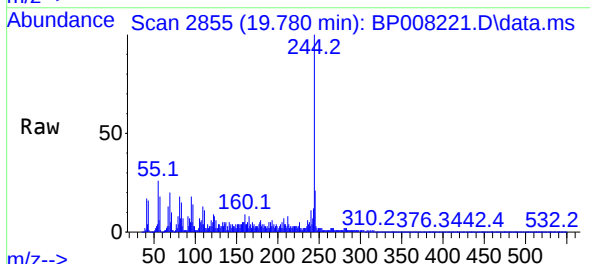
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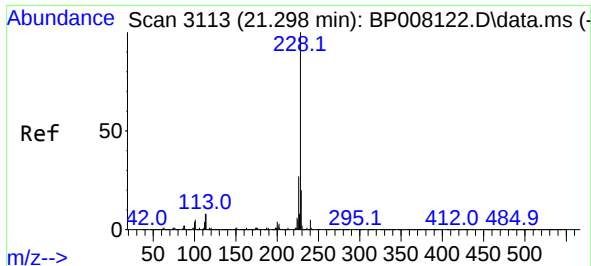
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/06/2021



#79
Terphenyl-d14
Concen: 14.258 ng
RT: 19.780 min Scan# 2855
Delta R.T. -0.000 min
Lab File: BP008221.D
Acq: 04 Dec 2021 00:13

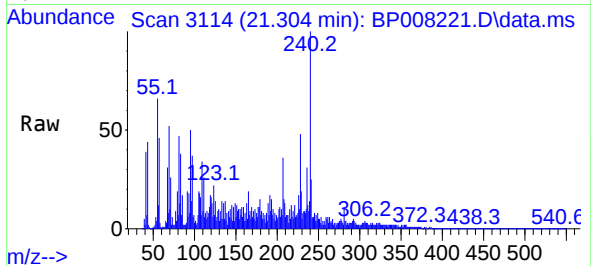
Tgt Ion:244 Resp: 390703
Ion Ratio Lower Upper
244 100
212 8.5 6.0 9.0
122 9.4 6.6 9.8





#81
Benzo(a)anthracene
Concen: 2.299 ng
RT: 21.304 min Scan# 3114
Delta R.T. 0.006 min
Lab File: BP008221.D
Acq: 04 Dec 2021 00:13

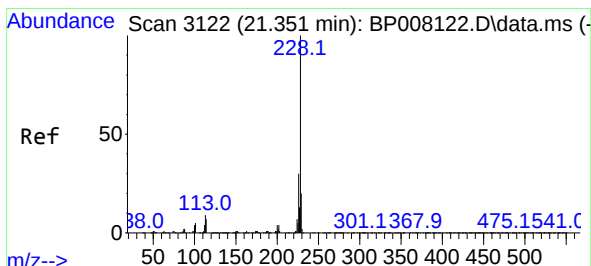
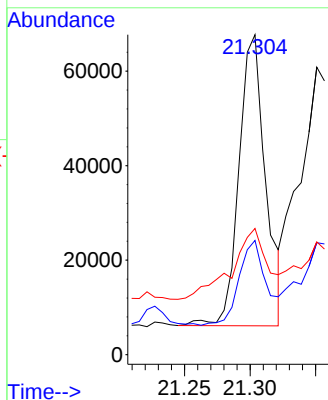
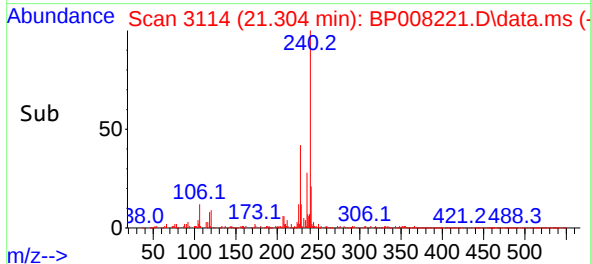
Instrument :
BNA_P
ClientSampleId :
B-2-10-15



Tgt Ion:228 Resp: 87272
Ion Ratio Lower Upper
228 100
226 35.7 21.9 32.9#
229 39.4 15.9 23.9#

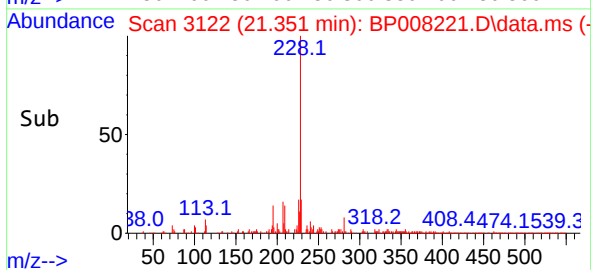
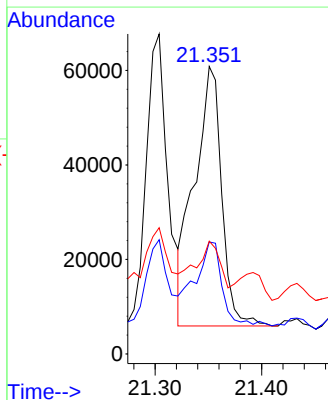
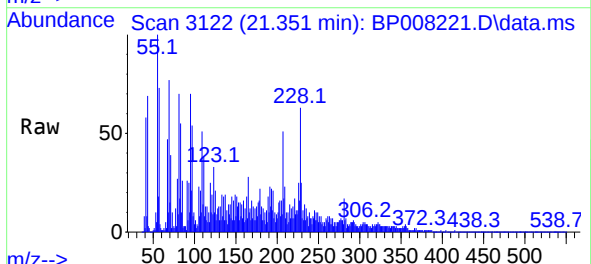
Manual Integrations
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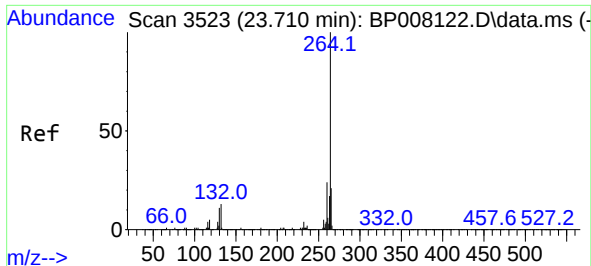
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/06/2021



#83
Chrysene
Concen: 2.724 ng
RT: 21.351 min Scan# 3122
Delta R.T. -0.000 min
Lab File: BP008221.D
Acq: 04 Dec 2021 00:13

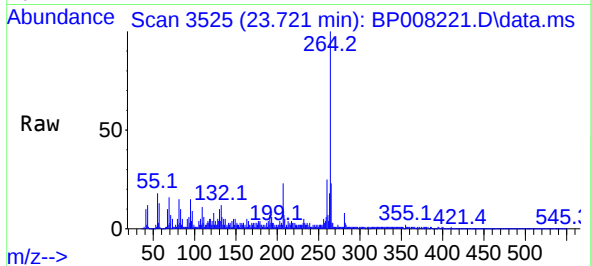
Tgt Ion:228 Resp: 98388
Ion Ratio Lower Upper
228 100
226 39.0 24.0 36.0#
229 39.2 15.8 23.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.721 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP008221.D
Acq: 04 Dec 2021 00:13

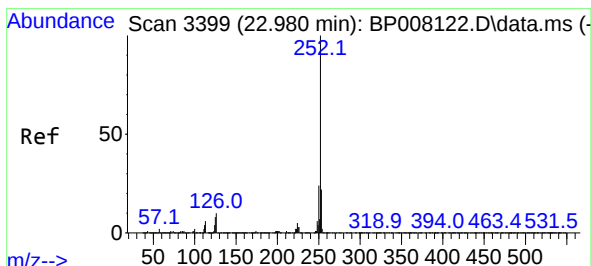
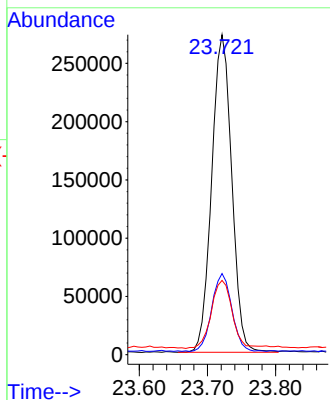
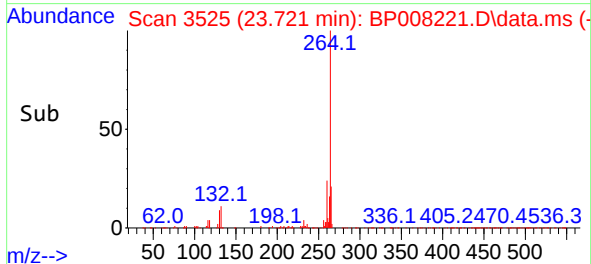
Instrument :
BNA_P
ClientSampleId :
B-2-10-15



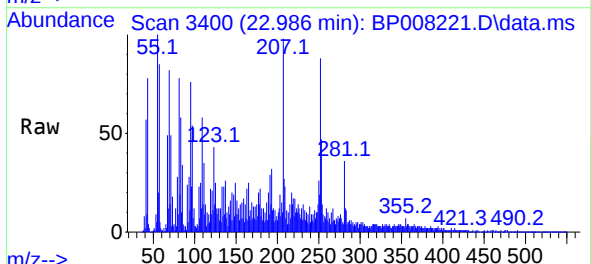
Tgt Ion:264 Resp: 55884
Ion Ratio Lower Upper
264 100
260 25.4 19.4 29.2
265 23.2 17.6 26.4

Manual Integrations
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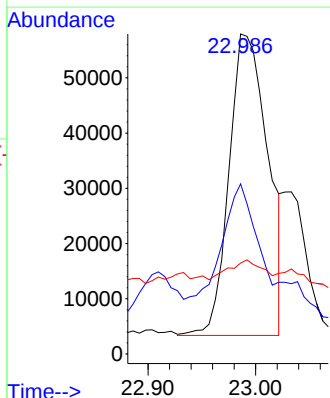
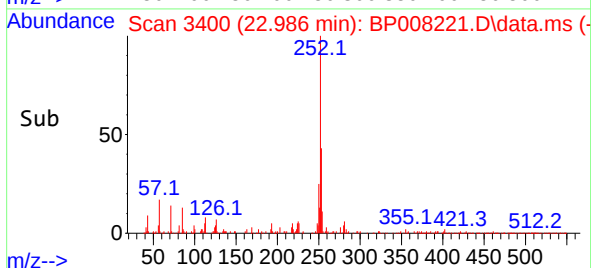
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/06/2021

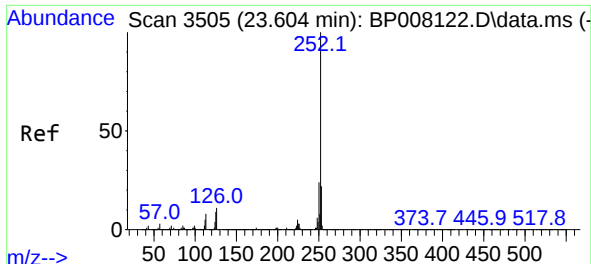


#88
Benzo(b)fluoranthene
Concen: 4.061 ng m
RT: 22.986 min Scan# 3400
Delta R.T. -0.000 min
Lab File: BP008221.D
Acq: 04 Dec 2021 00:13



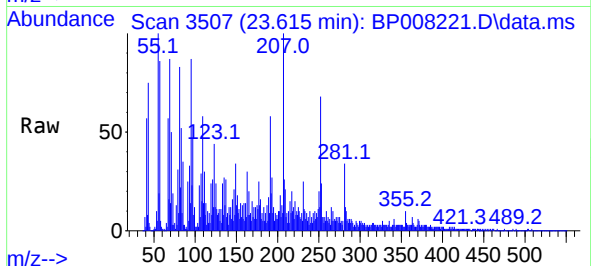
Tgt Ion:252 Resp: 136812
Ion Ratio Lower Upper
252 100
253 53.2 17.7 26.5#
125 28.4 6.2 9.4#





#90
Benzo(a)pyrene
Concen: 3.043 ng
RT: 23.615 min Scan# 3507
Delta R.T. 0.006 min
Lab File: BP008221.D
Acq: 04 Dec 2021 00:13

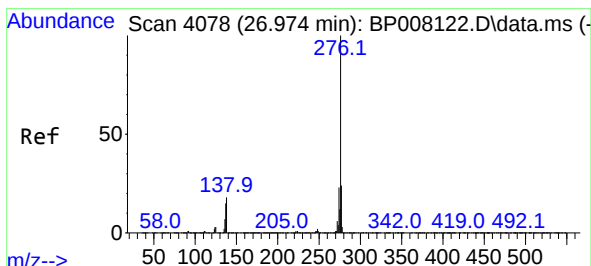
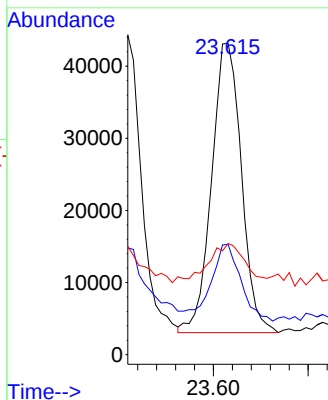
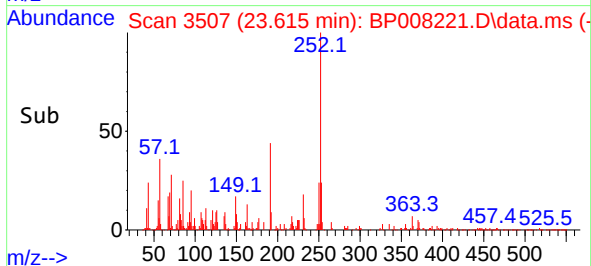
Instrument :
BNA_P
ClientSampleId :
B-2-10-15



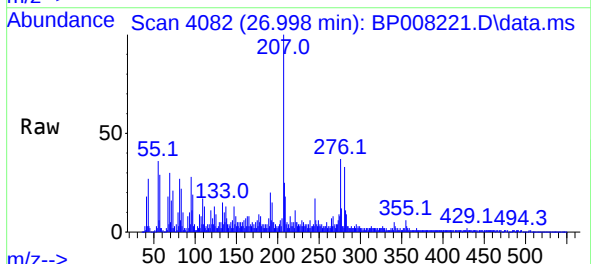
Tgt Ion:252 Resp: 8762
Ion Ratio Lower Upper
252 100
253 35.4 17.6 26.4
125 35.7 7.4 11.0

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/06/2021



#92
Benzo(g,h,i)perylene
Concen: 2.302 ng
RT: 26.998 min Scan# 4082
Delta R.T. -0.000 min
Lab File: BP008221.D
Acq: 04 Dec 2021 00:13



Tgt Ion:276 Resp: 78424
Ion Ratio Lower Upper
276 100
277 31.3 20.0 30.0
138 18.7 14.1 21.1

