

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP113021\
 Data File : BP008160.D
 Acq On : 30 Nov 2021 16:08
 Operator : CG/JU
 Sample : M4848-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PSC124055

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/01/2021
 Supervised By :mohammad ahmed 12/05/2021

Quant Time: Nov 30 16:59:55 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 25 01:13:46 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	96010	20.000	ng	-0.01
21) Naphthalene-d8	10.599	136	338167	20.000	ng	-0.01
39) Acenaphthene-d10	14.445	164	195072	20.000	ng	-0.01
64) Phenanthrene-d10	17.210	188	379359	20.000	ng	0.00
76) Chrysene-d12	21.310	240	381109	20.000	ng	0.00
86) Perylene-d12	23.704	264	456665	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	641208	107.531	ng	-0.01
7) Phenol-d6	6.987	99	811037	100.754	ng	-0.01
23) Nitrobenzene-d5	8.963	82	563531	75.778	ng	-0.01
42) 2,4,6-Tribromophenol	15.945	330	265999	106.683	ng	-0.01
45) 2-Fluorobiphenyl	13.069	172	998855	74.376	ng	-0.01
79) Terphenyl-d14	19.780	244	1314870	72.105	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.251	178	67431	3.367	ng	99
75) Fluoranthene	19.227	202	127925	4.741	ng	99
78) Pyrene	19.580	202	139444	3.419	ng	98
81) Benzo(a)anthracene	21.292	228	64908	2.570	ng	96
83) Chrysene	21.345	228	69035	2.872	ng	96
88) Benzo(b)fluoranthene	22.980	252	87671m	3.185	ng	
90) Benzo(a)pyrene	23.592	252	67274	2.859	ng	94
92) Benzo(g,h,i)perylene	26.962	276	61204	2.199	ng	# 85

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

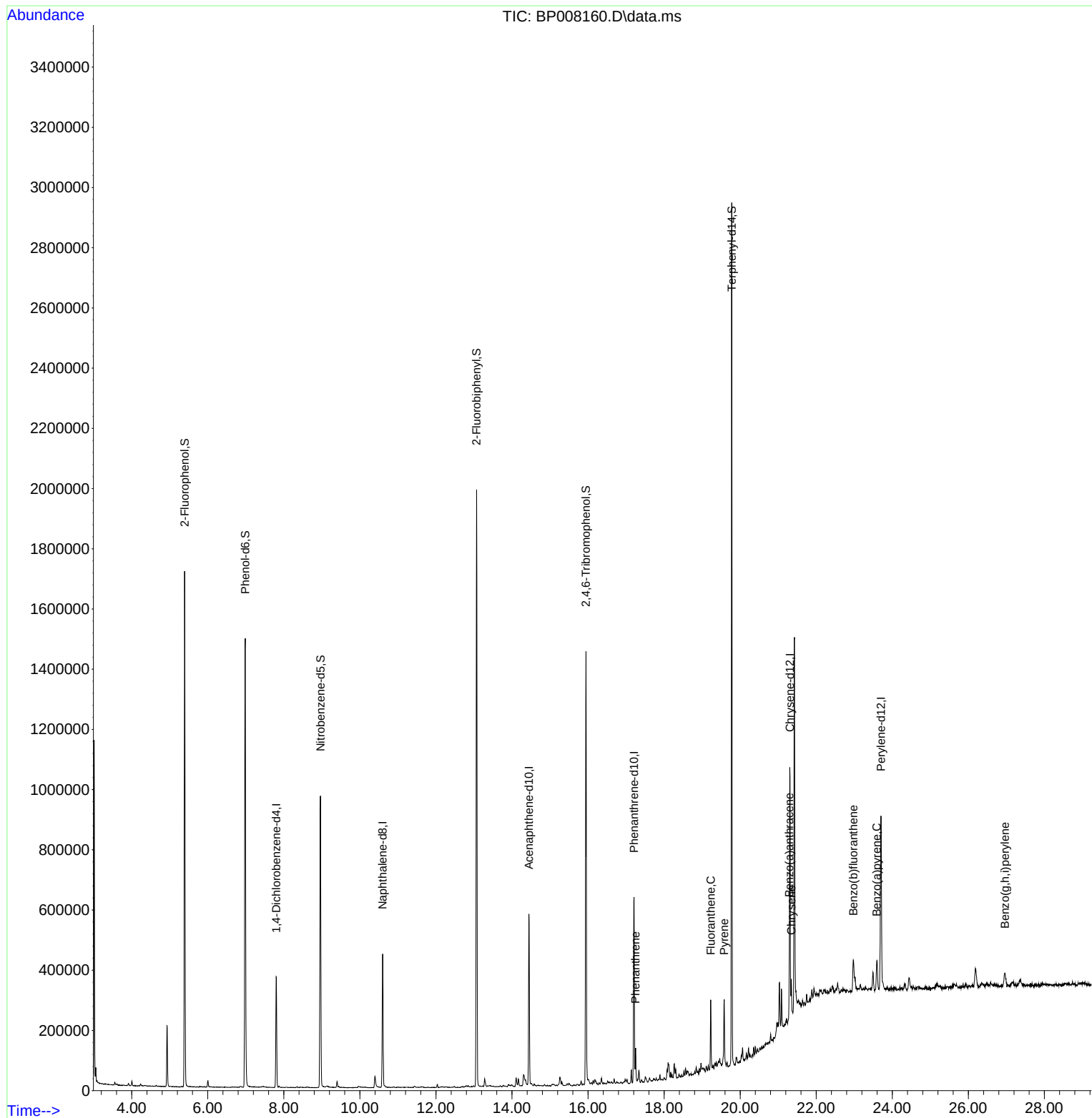
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Data File : BP008160.D
Acq On : 30 Nov 2021 16:08
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Sample : M4848-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

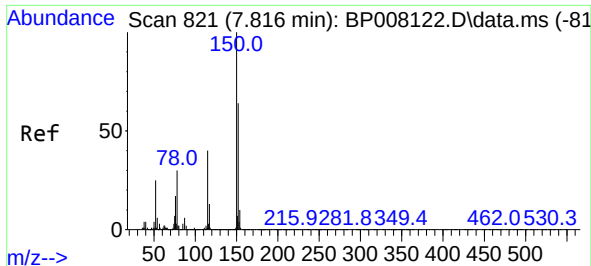
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 25 01:13:46 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.805 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP008160.D
Acq: 30 Nov 2021 16:08

Instrument :

BNA_P

ClientSampleId :

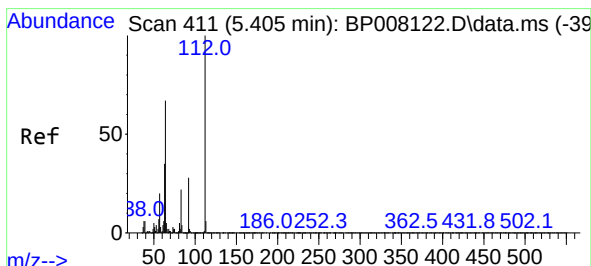
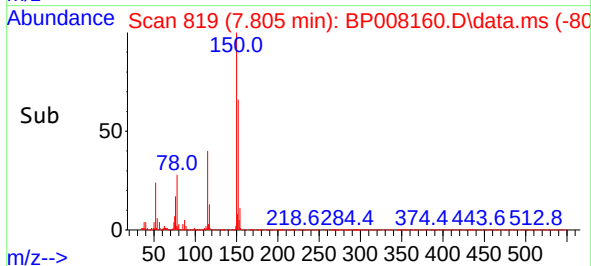
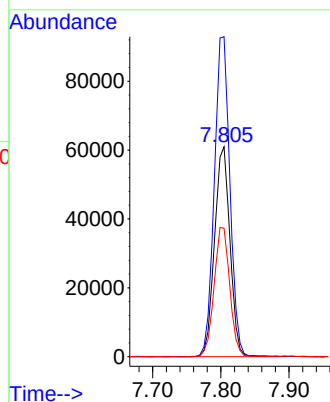
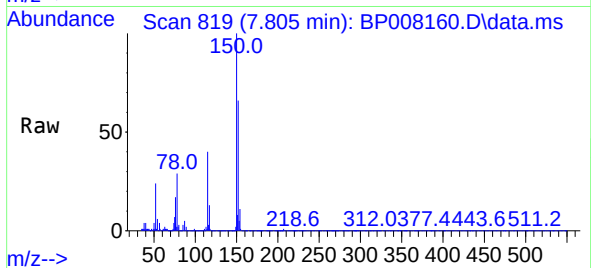
PSC124055

Tgt Ion:152 Resp: 96010
Ion Ratio Lower Upper
152 100
150 152.5 125.7 188.5
115 61.3 50.7 76.1

Manual Integrations

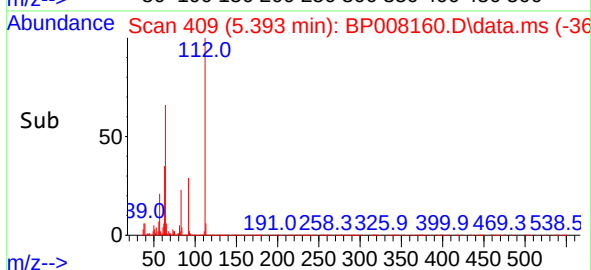
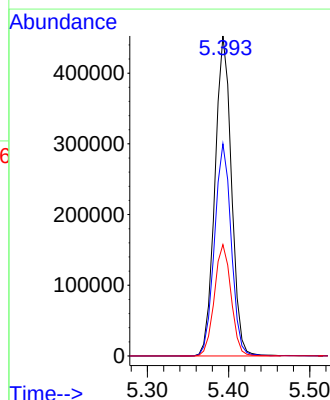
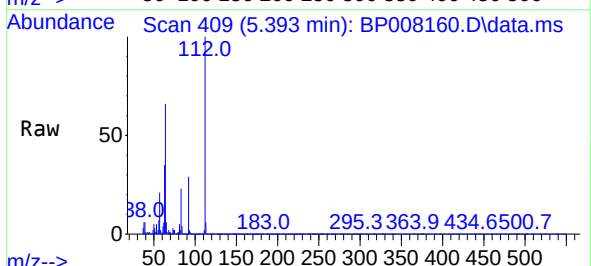
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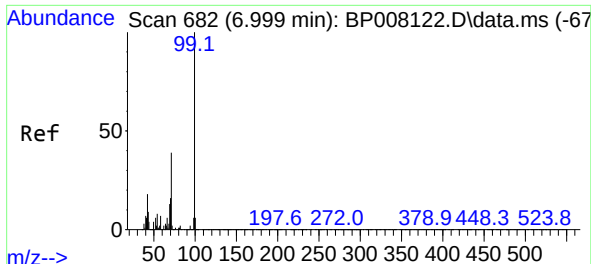
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Supervised By :mohammad ahmed 12/05/2021



#5
2-Fluorophenol
Concen: 107.531 ng
RT: 5.393 min Scan# 409
Delta R.T. -0.012 min
Lab File: BP008160.D
Acq: 30 Nov 2021 16:08

Tgt Ion:112 Resp: 641208
Ion Ratio Lower Upper
112 100
64 66.3 53.4 80.2
63 34.8 27.8 41.8





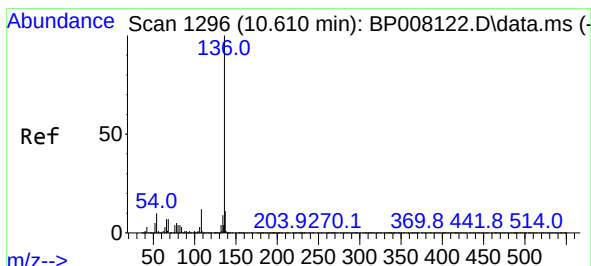
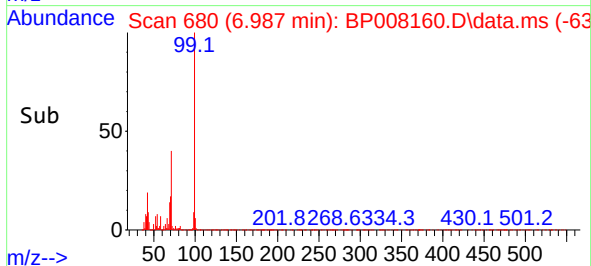
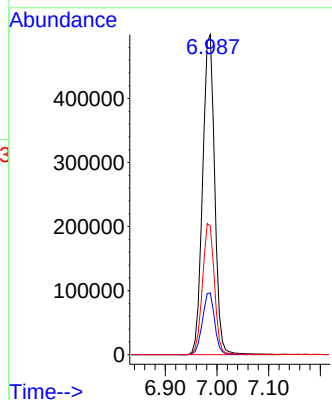
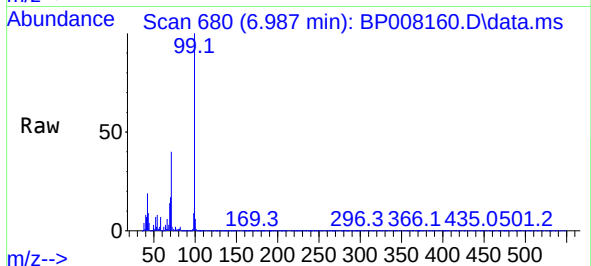
#7
Phenol-d6
Concen: 100.754 ng
RT: 6.987 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP008160.D
Acq: 30 Nov 2021 16:08

Instrument :
BNA_P
ClientSampleId :
PSC124055

Tgt Ion: 99 Resp: 81103
Ion Ratio Lower Upper
99 100
42 19.3 14.6 22.0
71 40.2 31.1 46.7

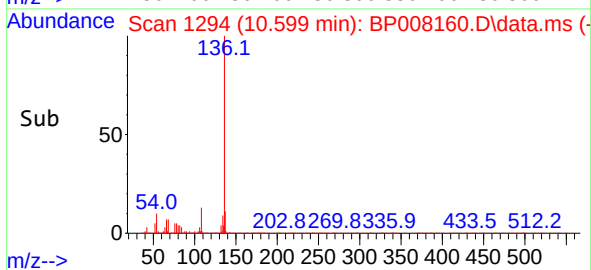
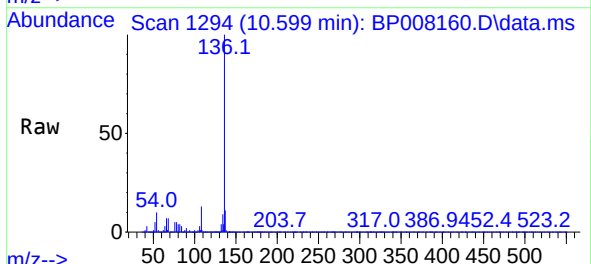
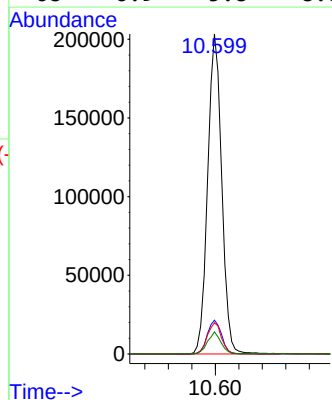
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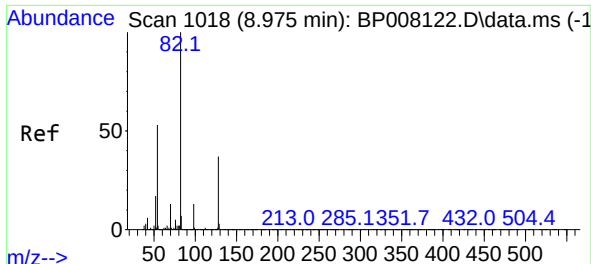
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Supervised By :mohammad ahmed 12/05/2021



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.599 min Scan# 1294
Delta R.T. -0.012 min
Lab File: BP008160.D
Acq: 30 Nov 2021 16:08

Tgt Ion:136 Resp: 338167
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.6
54 9.8 8.2 12.4
68 6.9 5.8 8.8





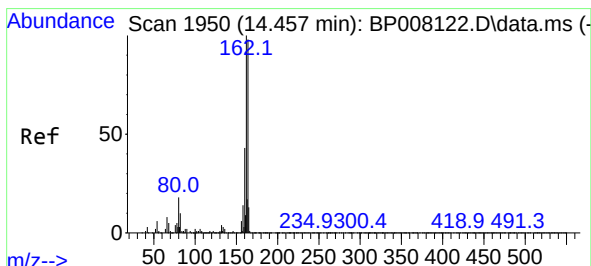
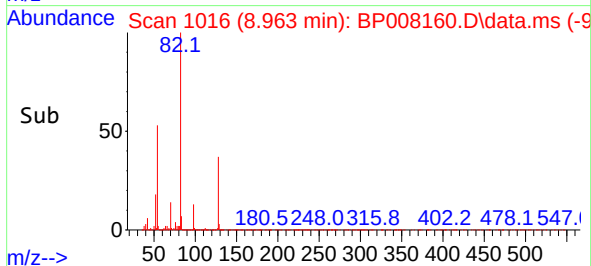
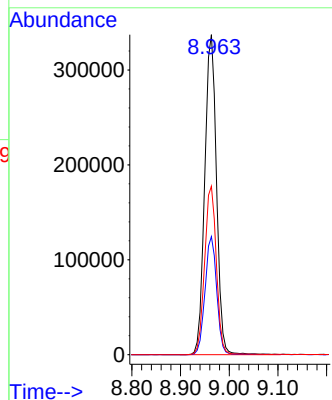
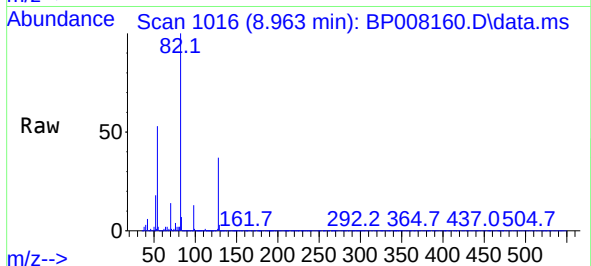
#23
Nitrobenzene-d5
Concen: 75.778 ng
RT: 8.963 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BP008160.D
Acq: 30 Nov 2021 16:08

Instrument :
BNA_P
ClientSampleId :
PSC124055

Tgt Ion: 82 Resp: 56353
Ion Ratio Lower Upper
82 100
128 36.9 29.6 44.4
54 52.7 42.7 64.1

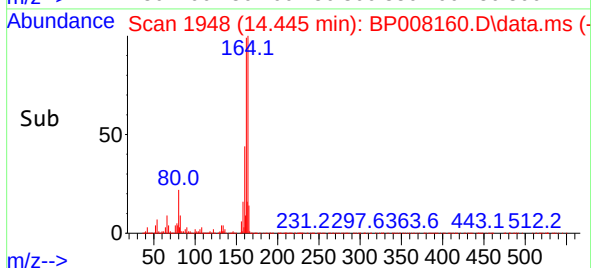
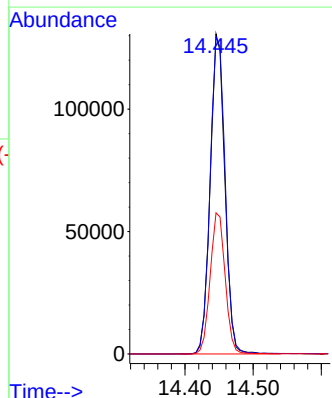
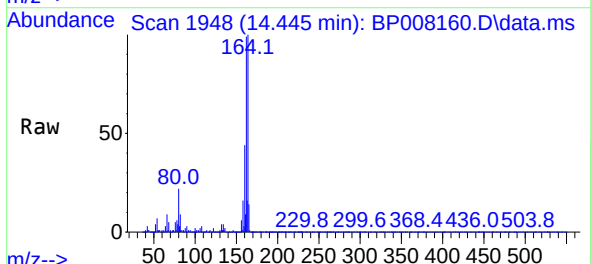
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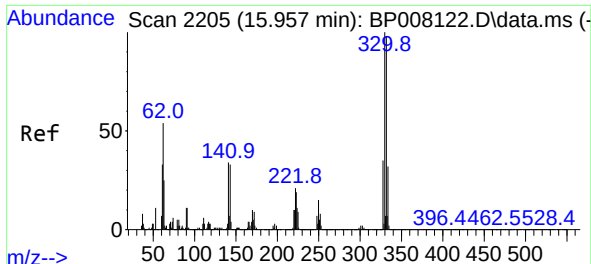
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Supervised By :mohammad ahmed 12/05/2021



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.445 min Scan# 1948
Delta R.T. -0.012 min
Lab File: BP008160.D
Acq: 30 Nov 2021 16:08

Tgt Ion:164 Resp: 195072
Ion Ratio Lower Upper
164 100
162 99.1 81.9 122.9
160 44.1 35.4 53.0





#42
2,4,6-Tribromophenol
Concen: 106.683 ng
RT: 15.945 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP008160.D
Acq: 30 Nov 2021 16:08

Instrument :

BNA_P

ClientSampleId :

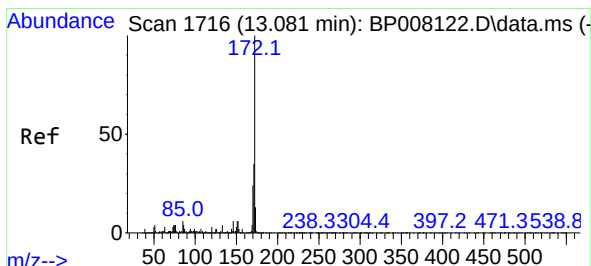
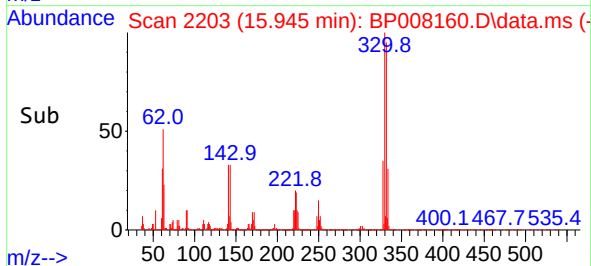
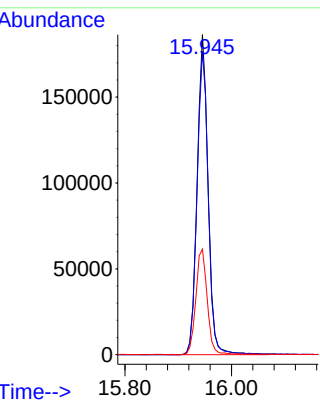
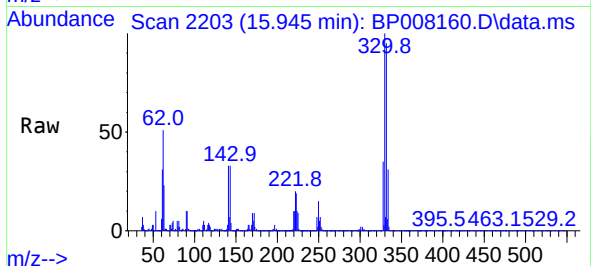
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Tgt Ion:330 Resp: 265999
Ion Ratio Lower Upper
330 100
332 96.7 77.0 115.4
141 34.3 28.4 42.6

Manual Integrations

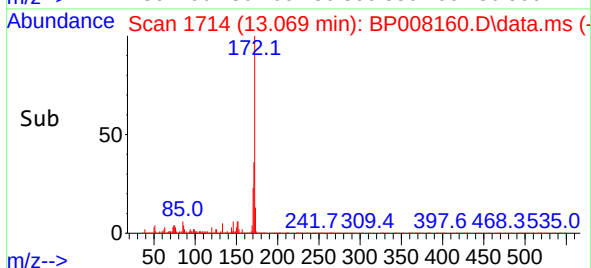
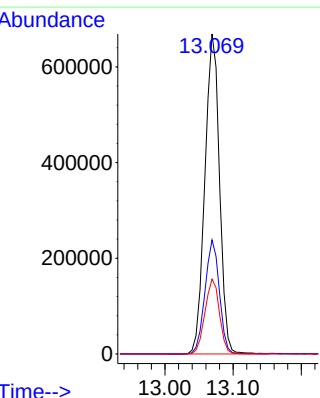
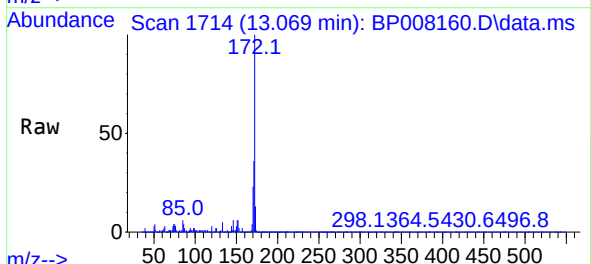
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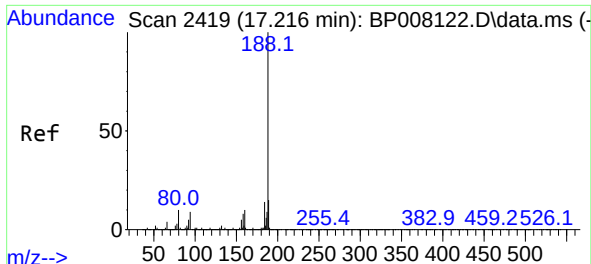
Reviewed By :Jagrut Upadhyay 12/01/2021
Supervised By :mohammad ahmed 12/05/2021



#45
2-Fluorobiphenyl
Concen: 74.376 ng
RT: 13.069 min Scan# 1714
Delta R.T. -0.012 min
Lab File: BP008160.D
Acq: 30 Nov 2021 16:08

Tgt Ion:172 Resp: 998855
Ion Ratio Lower Upper
172 100
171 35.6 28.0 42.0
170 23.4 18.9 28.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.210 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BP008160.D
Acq: 30 Nov 2021 16:08

Instrument :

BNA_P

ClientSampleId :

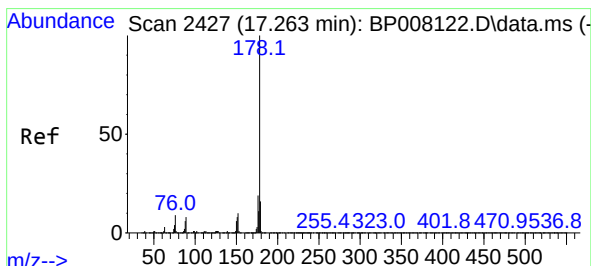
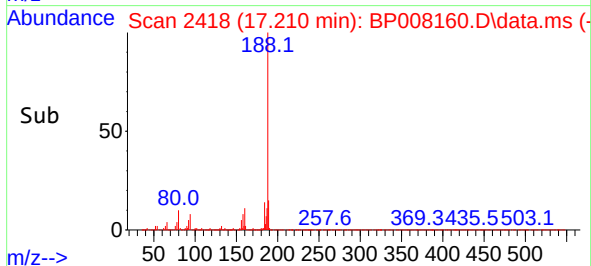
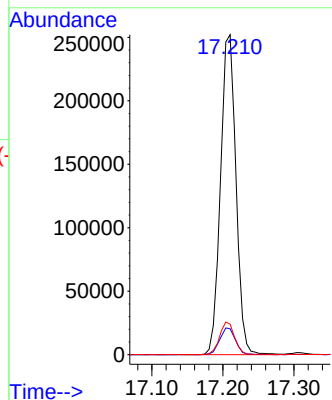
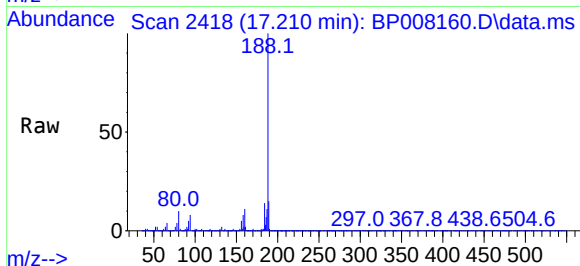
PSC124055

Tgt Ion:188 Resp: 379359
Ion Ratio Lower Upper
188 100
94 8.1 7.2 10.8
80 9.6 8.2 12.4

Manual Integrations

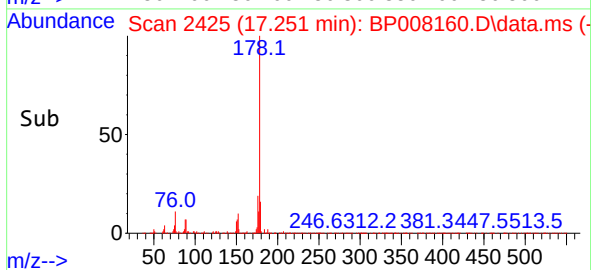
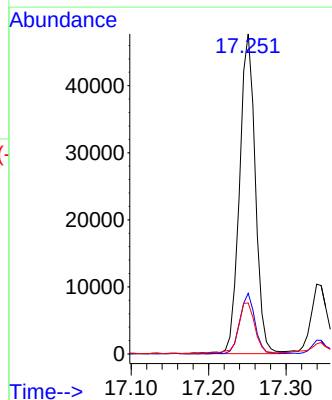
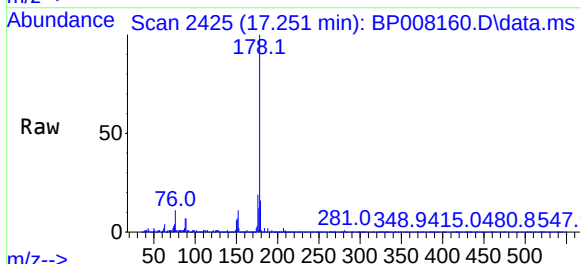
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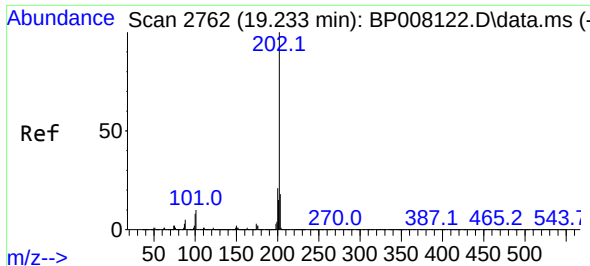
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#71
Phenanthrene
Concen: 3.367 ng
RT: 17.251 min Scan# 2425
Delta R.T. -0.012 min
Lab File: BP008160.D
Acq: 30 Nov 2021 16:08

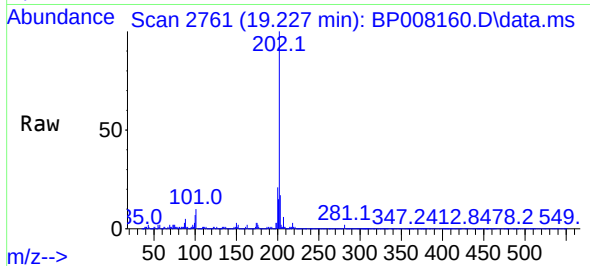
Tgt Ion:178 Resp: 67431
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 16.0 12.5 18.7





#75
Fluoranthene
Concen: 4.741 ng
RT: 19.227 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP008160.D
Acq: 30 Nov 2021 16:08

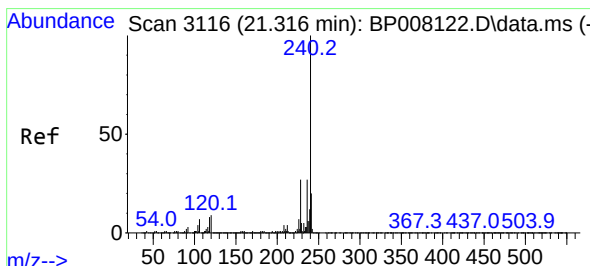
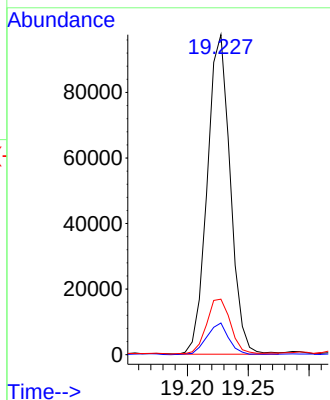
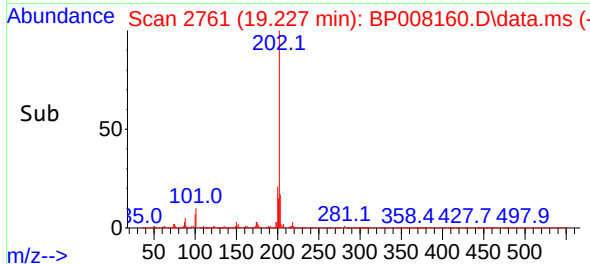
Instrument :
BNA_P
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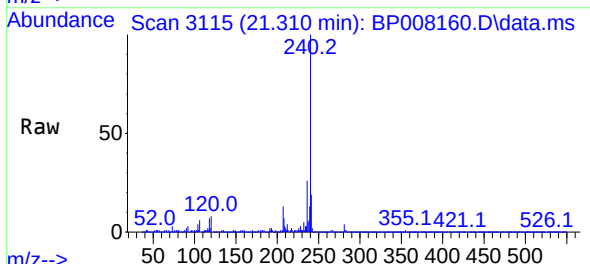
Tgt Ion:202 Resp: 12792
Ion Ratio Lower Upper
202 100
101 9.9 0.0 29.8
203 17.4 0.0 37.7

Manual Integrations
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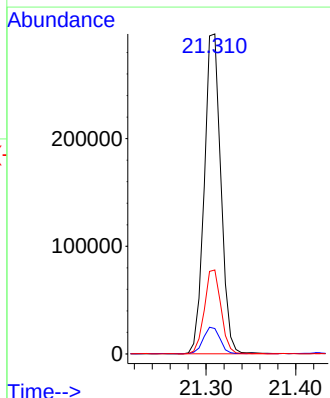
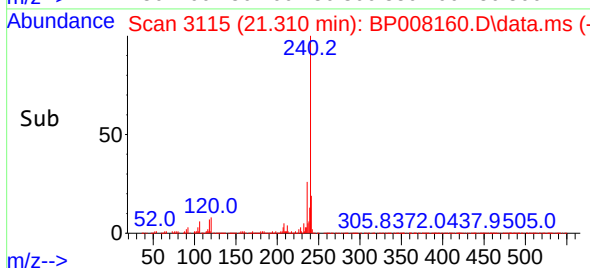
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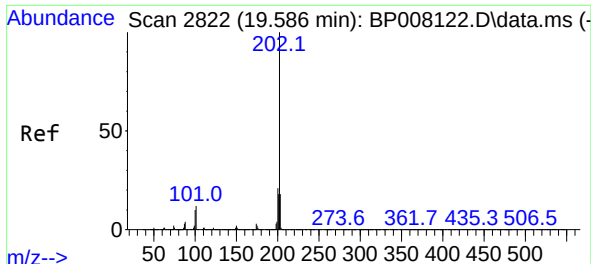


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.310 min Scan# 3115
Delta R.T. -0.006 min
Lab File: BP008160.D
Acq: 30 Nov 2021 16:08



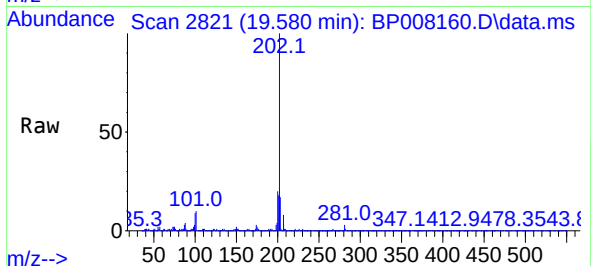
Tgt Ion:240 Resp: 381109
Ion Ratio Lower Upper
240 100
120 8.0 7.3 10.9
236 26.3 21.4 32.2





#78
Pyrene
Concen: 3.419 ng
RT: 19.580 min Scan# 2822
Delta R.T. -0.006 min
Lab File: BP008160.D
Acq: 30 Nov 2021 16:08

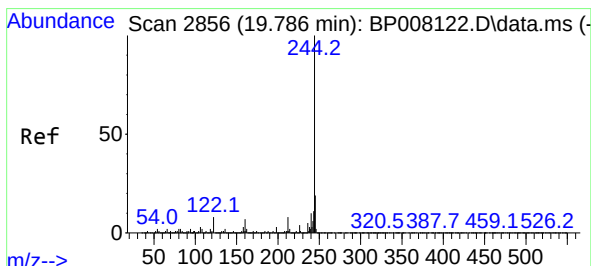
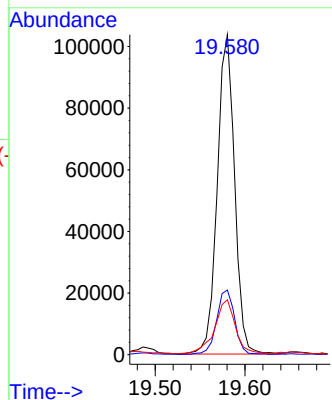
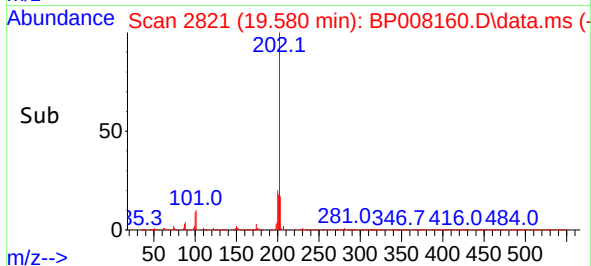
Instrument :
BNA_P
ClientSampleId :
PSC124055



Tgt Ion:202 Resp: 13944
Ion Ratio Lower Upper
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203 17.2 14.2 21.2

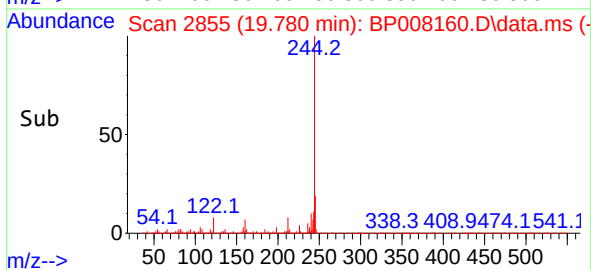
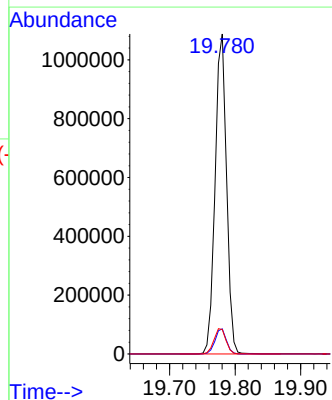
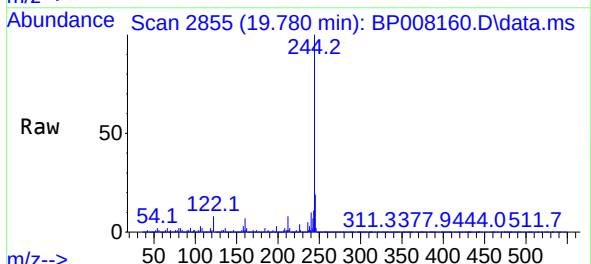
Manual Integrations
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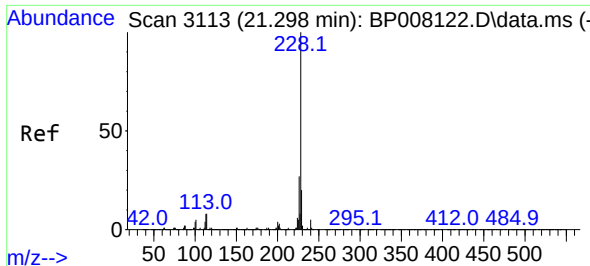
Reviewed By :Jagrut Upadhyay 12/01/2021
Supervised By :mohammad ahmed 12/05/2021



#79
Terphenyl-d14
Concen: 72.105 ng
RT: 19.780 min Scan# 2855
Delta R.T. -0.006 min
Lab File: BP008160.D
Acq: 30 Nov 2021 16:08

Tgt Ion:244 Resp: 1314870
Ion Ratio Lower Upper
244 100
212 7.9 6.0 9.0
122 7.7 6.6 9.8





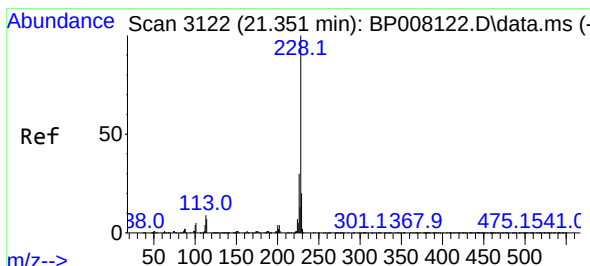
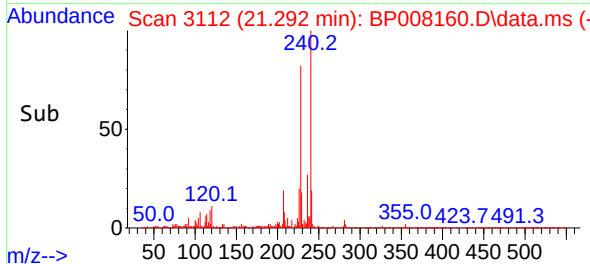
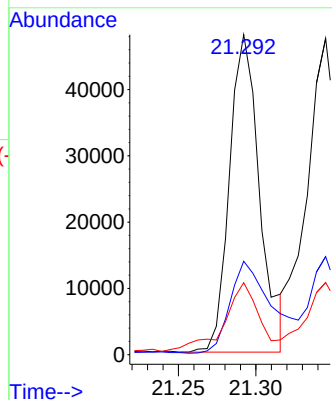
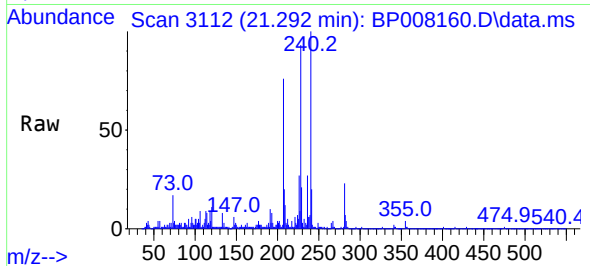
#81
Benzo(a)anthracene
Concen: 2.570 ng
RT: 21.292 min Scan# 3113
Delta R.T. -0.006 min
Lab File: BP008160.D
Acq: 30 Nov 2021 16:08

Instrument :
BNA_P
ClientSampleId :
PSC124055

Tgt Ion:228 Resp: 64908
Ion Ratio Lower Upper
228 100
226 29.2 21.9 32.9
229 22.5 15.9 23.9

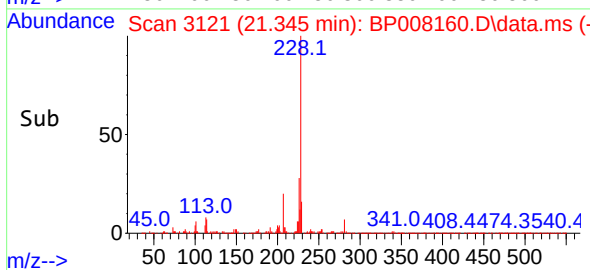
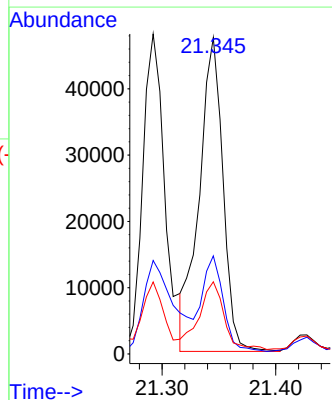
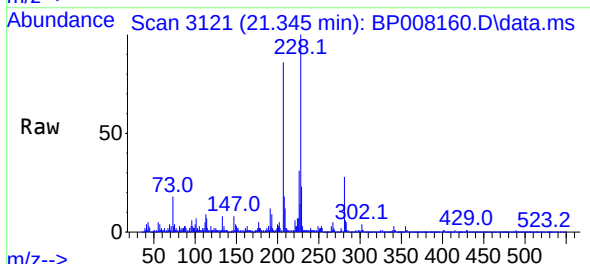
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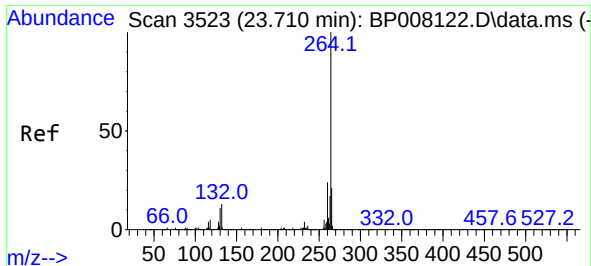
Reviewed By :Jagrut Upadhyay 12/01/2021
Supervised By :mohammad ahmed 12/05/2021



#83
Chrysene
Concen: 2.872 ng
RT: 21.345 min Scan# 3121
Delta R.T. -0.006 min
Lab File: BP008160.D
Acq: 30 Nov 2021 16:08

Tgt Ion:228 Resp: 69035
Ion Ratio Lower Upper
228 100
226 31.0 24.0 36.0
229 22.8 15.8 23.8





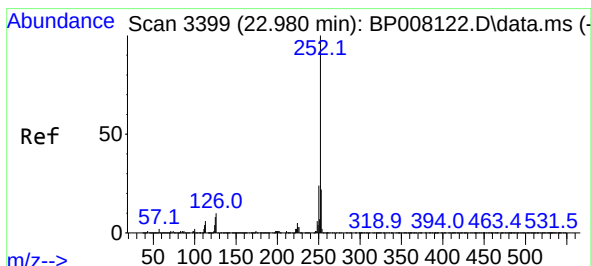
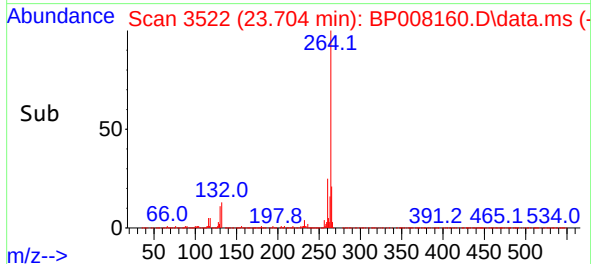
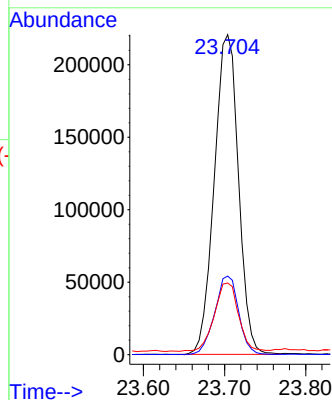
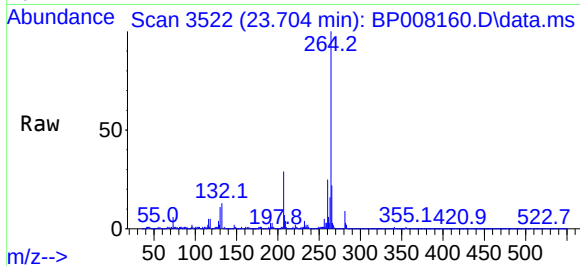
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.704 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP008160.D
Acq: 30 Nov 2021 16:08

Instrument :
BNA_P
ClientSampleId :
PSC124055

Tgt Ion:264 Resp: 45666
Ion Ratio Lower Upper
264 100
260 24.6 19.4 29.2
265 22.4 17.6 26.4

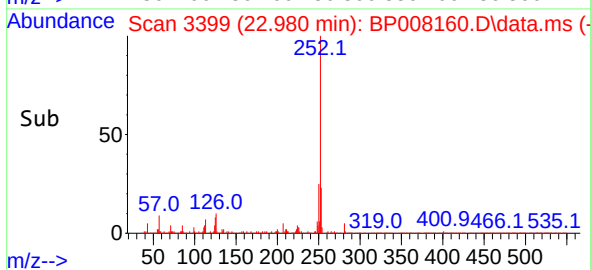
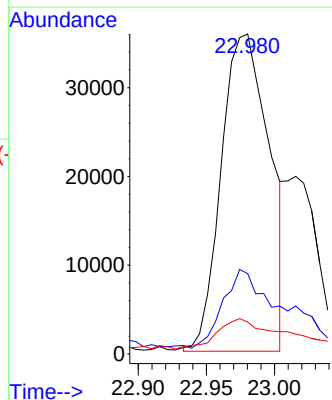
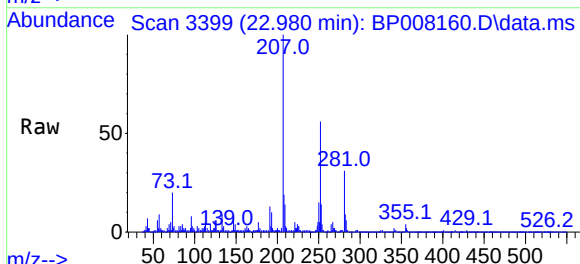
Manual Integrations
APPROVED

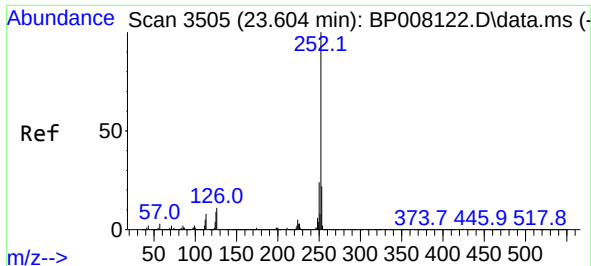
Reviewed By :Jagrut Upadhyay 12/01/2021
Supervised By :mohammad ahmed 12/05/2021



#88
Benzo(b)fluoranthene
Concen: 3.185 ng m
RT: 22.980 min Scan# 3399
Delta R.T. -0.000 min
Lab File: BP008160.D
Acq: 30 Nov 2021 16:08

Tgt Ion:252 Resp: 87671
Ion Ratio Lower Upper
252 100
253 25.1 17.7 26.5
125 10.0 6.2 9.4#





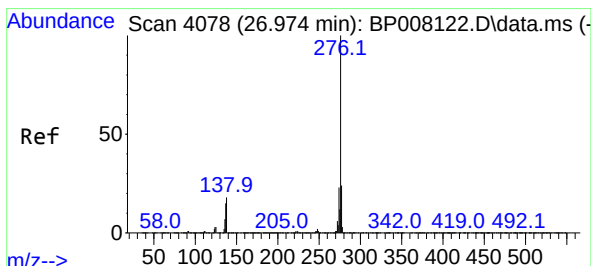
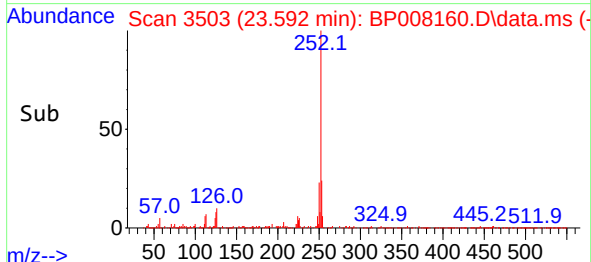
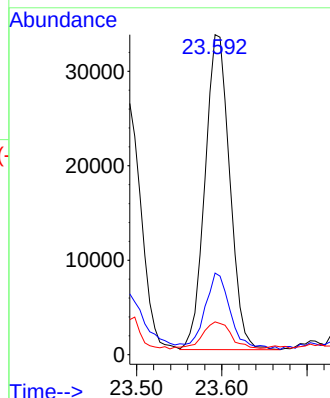
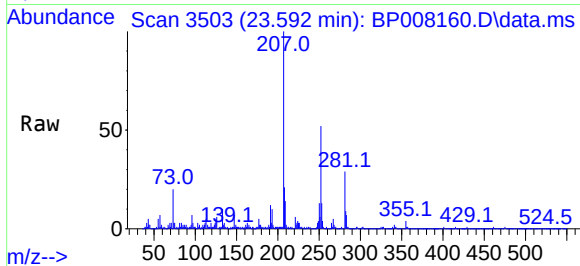
#90
Benzo(a)pyrene
Concen: 2.859 ng
RT: 23.592 min Scan# 3503
Delta R.T. -0.012 min
Lab File: BP008160.D
Acq: 30 Nov 2021 16:08

Instrument :
BNA_P
ClientSampleId :
PSC124055

Tgt Ion:252 Resp: 67274
Ion Ratio Lower Upper
252 100
253 25.5 17.6 26.4
125 10.3 7.4 11.0

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/01/2021
Supervised By :mohammad ahmed 12/05/2021



#92
Benzo(g,h,i)perylene
Concen: 2.199 ng
RT: 26.962 min Scan# 4076
Delta R.T. -0.012 min
Lab File: BP008160.D
Acq: 30 Nov 2021 16:08

Tgt Ion:276 Resp: 61204
Ion Ratio Lower Upper
276 100
277 25.5 20.0 30.0
138 32.8 14.1 21.1#

