

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021422\
 Data File : BP009149.D
 Acq On : 14 Feb 2022 23:20
 Operator : CG/JU
 Sample : N1444-02 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ERMIR-TPS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/15/2022
 Supervised By :Yogesh Patel 02/18/2022

Quant Time: Feb 15 00:02:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 07 15:13:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	345652	20.000	ng	-0.01
21) Naphthalene-d8	10.593	136	1240450	20.000	ng	-0.01
39) Acenaphthene-d10	14.440	164	677466	20.000	ng	0.00
64) Phenanthrene-d10	17.198	188	1277753	20.000	ng	0.00
76) Chrysene-d12	21.298	240	1216741	20.000	ng	0.00
86) Perylene-d12	23.698	264	1431323	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	809876	41.795	ng	0.00
7) Phenol-d6	6.993	99	985519	38.598	ng	0.00
23) Nitrobenzene-d5	8.958	82	610539	27.757	ng	-0.01
42) 2,4,6-Tribromophenol	15.945	330	315180	34.844	ng	0.00
45) 2-Fluorobiphenyl	13.057	172	1533968	31.697	ng	-0.01
79) Terphenyl-d14	19.763	244	1802584	26.642	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.240	178	317860	4.594	ng	100
75) Fluoranthene	19.216	202	778904	10.045	ng	97
78) Pyrene	19.569	202	752110	8.689	ng	98
81) Benzo(a)anthracene	21.280	228	439096m	5.600	ng	
83) Chrysene	21.333	228	433433	5.734	ng	96
87) Indeno(1,2,3-cd)pyrene	26.204	276	372105	3.499	ng	# 94
88) Benzo(b)fluoranthene	22.969	252	632363	7.177	ng	# 93
89) Benzo(k)fluoranthene	23.010	252	205528m	2.338	ng	
90) Benzo(a)pyrene	23.592	252	463739	6.313	ng	# 92
92) Benzo(g,h,i)perylene	26.980	276	409131	4.702	ng	95

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

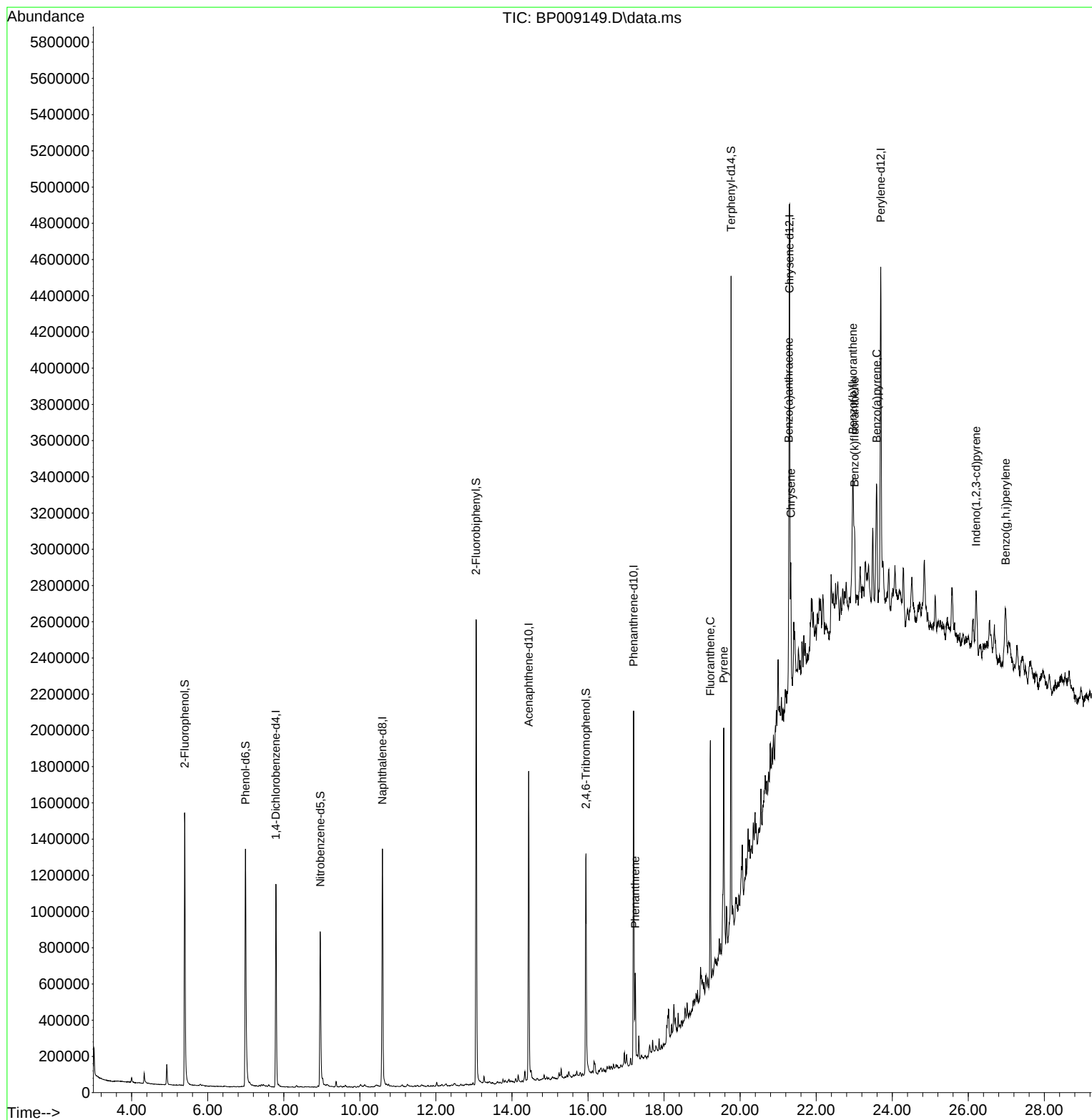
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021422\
Data File : BP009149.D
Acq On : 14 Feb 2022 23:20
Operator : CG/JU
Sample : N1444-02 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

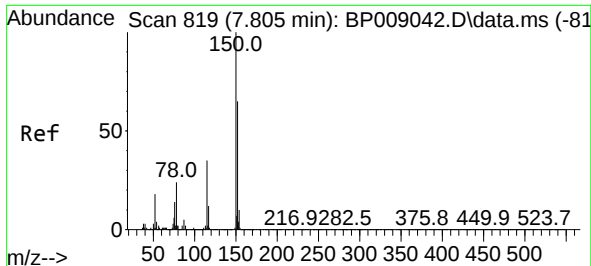
Instrument :
BNA_P
ClientSampleId :
ERM-RTPS

Quant Time: Feb 15 00:02:34 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 07 15:13:17 2022
Response via : Initial Calibration

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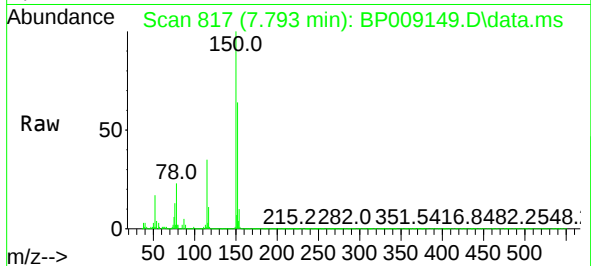
Reviewed By :Jagrut Upadhyay 02/15/2022
Supervised By :Yogesh Patel 02/18/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.793 min Scan# 819
Delta R.T. -0.012 min
Lab File: BP009149.D
Acq: 14 Feb 2022 23:20

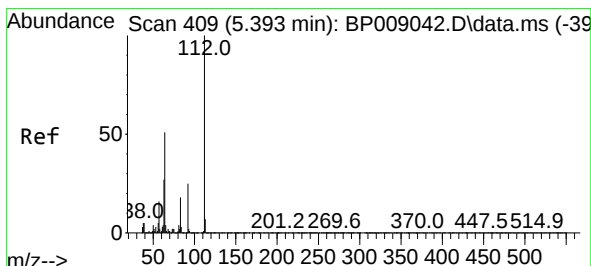
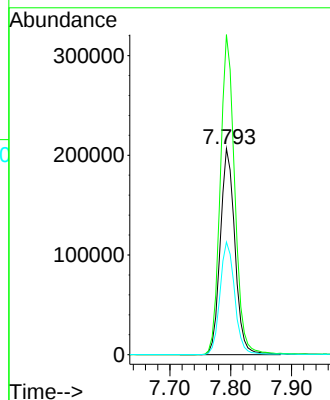
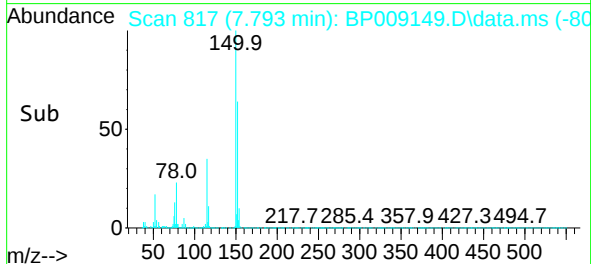
Instrument :
BNA_P
ClientSampleId :
ERMIR-TPS



Tgt Ion:152 Resp: 345652
Ion Ratio Lower Upper
152 100
150 155.2 127.0 190.6
115 54.6 43.7 65.5

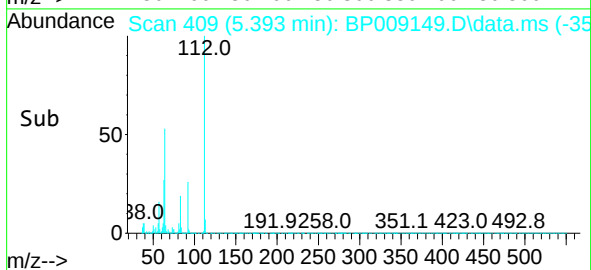
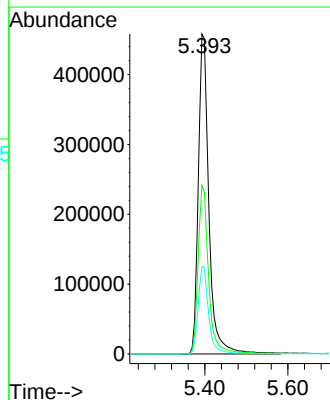
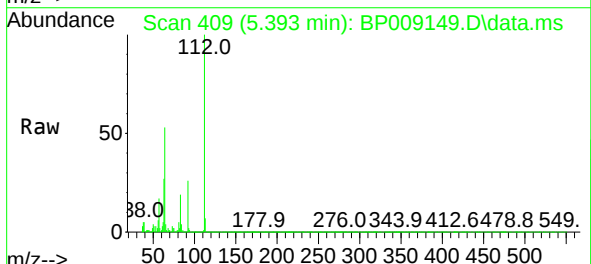
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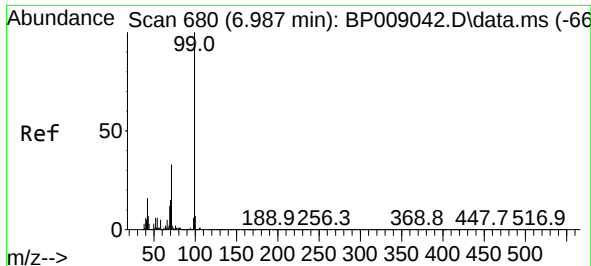
Reviewed By :Jagrut Upadhyay 02/15/2022
Supervised By :Yogesh Patel 02/18/2022



#5
2-Fluorophenol
Concen: 41.795 ng
RT: 5.393 min Scan# 409
Delta R.T. 0.000 min
Lab File: BP009149.D
Acq: 14 Feb 2022 23:20

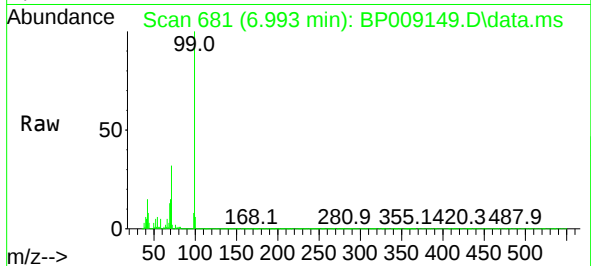
Tgt Ion:112 Resp: 809876
Ion Ratio Lower Upper
112 100
64 52.7 39.7 59.5
63 27.5 20.0 30.0





#7
Phenol-d6
Concen: 38.598 ng
RT: 6.993 min Scan# 60
Delta R.T. 0.006 min
Lab File: BP009149.D
Acq: 14 Feb 2022 23:20

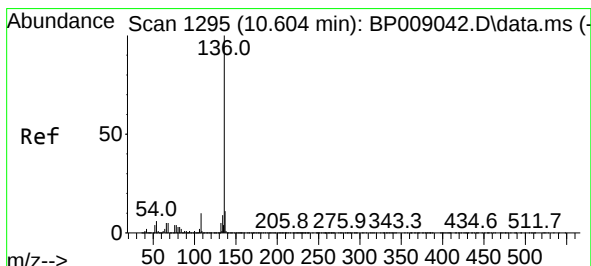
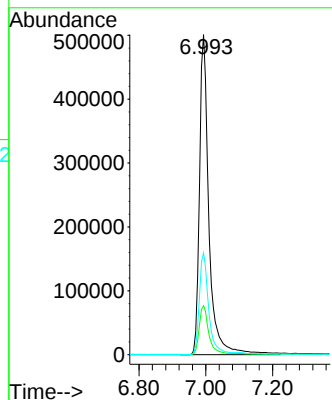
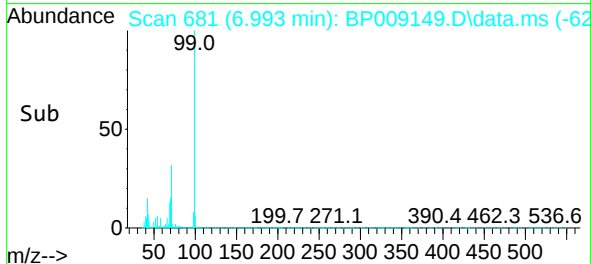
Instrument :
BNA_P
ClientSampleId :
ERMIR-TPS



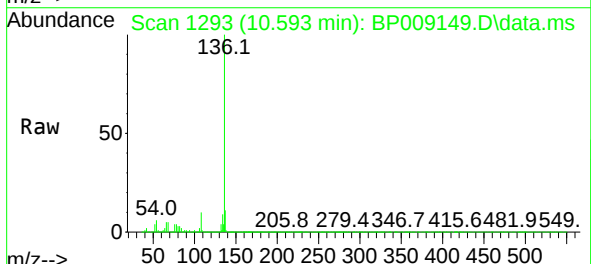
Tgt Ion: 99 Resp: 985519
Ion Ratio Lower Upper
99 100
42 15.3 10.8 16.2
71 31.8 23.8 35.6

Manual Integrations
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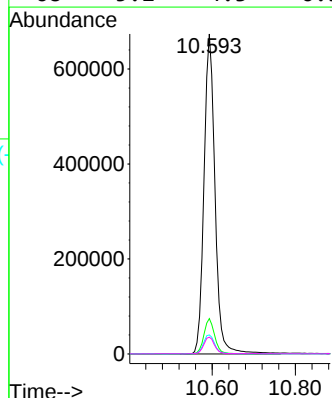
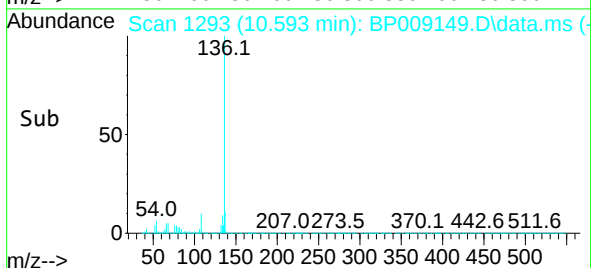
Reviewed By :Jagrut Upadhyay 02/15/2022
Supervised By :Yogesh Patel 02/18/2022

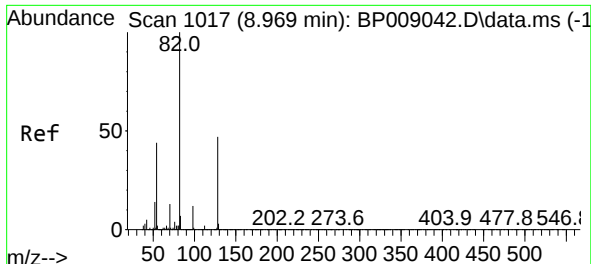


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.593 min Scan# 1293
Delta R.T. -0.011 min
Lab File: BP009149.D
Acq: 14 Feb 2022 23:20



Tgt Ion:136 Resp: 1240450
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 6.0 4.9 7.3
68 5.2 4.3 6.5





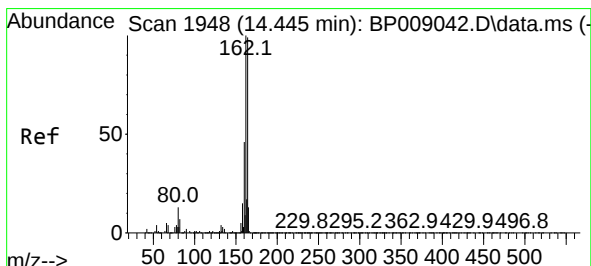
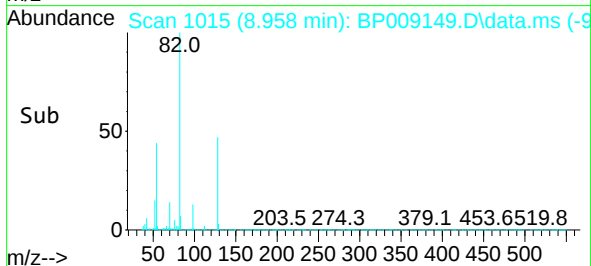
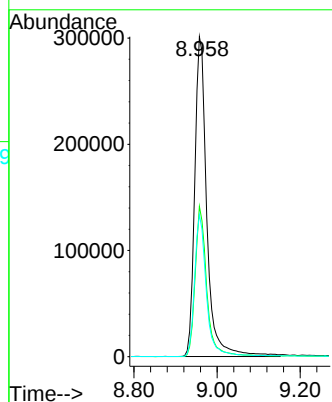
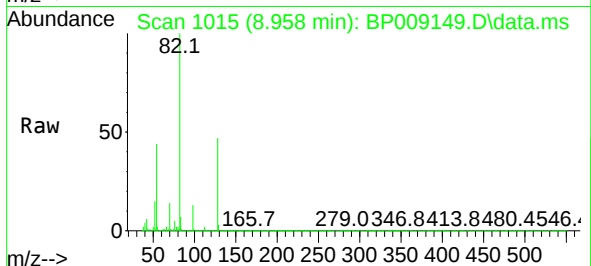
#23
Nitrobenzene-d5
Concen: 27.757 ng
RT: 8.958 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BP009149.D
Acq: 14 Feb 2022 23:20

Instrument :
BNA_P
ClientSampleId :
ERMIR-TPS

Tgt Ion: 82 Resp: 610539
Ion Ratio Lower Upper
82 100
128 47.0 39.4 59.2
54 44.4 32.6 48.8

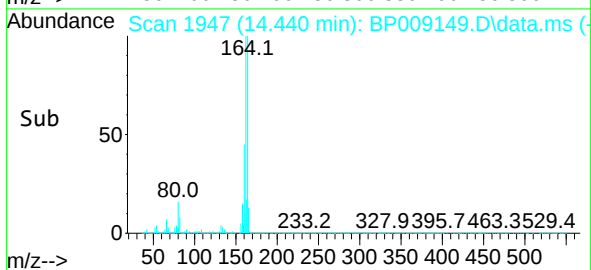
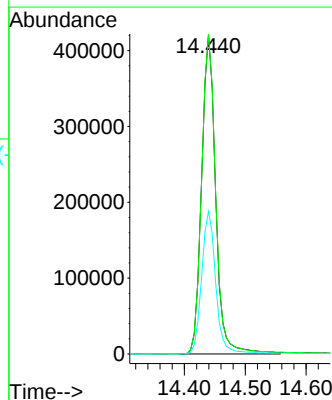
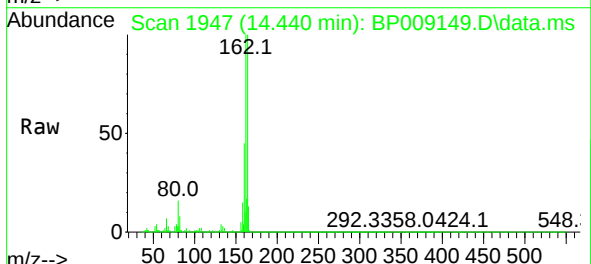
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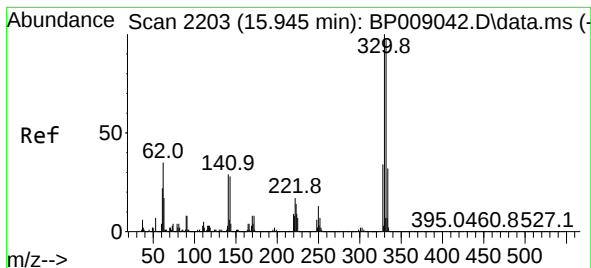
Reviewed By :Jagrut Upadhyay 02/15/2022
Supervised By :Yogesh Patel 02/18/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.440 min Scan# 1947
Delta R.T. -0.005 min
Lab File: BP009149.D
Acq: 14 Feb 2022 23:20

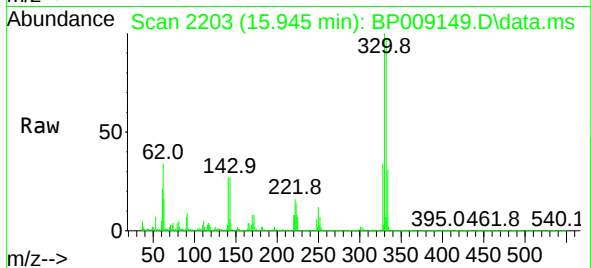
Tgt Ion:164 Resp: 677466
Ion Ratio Lower Upper
164 100
162 99.9 79.9 119.9
160 44.6 35.5 53.3





#42
2,4,6-Tribromophenol
Concen: 34.844 ng
RT: 15.945 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP009149.D
Acq: 14 Feb 2022 23:20

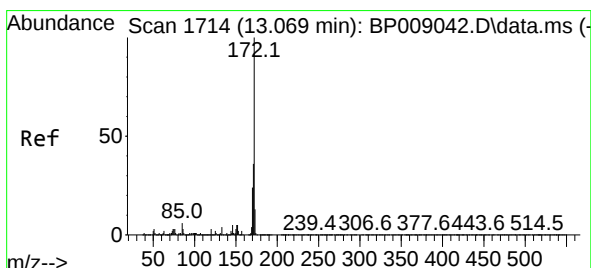
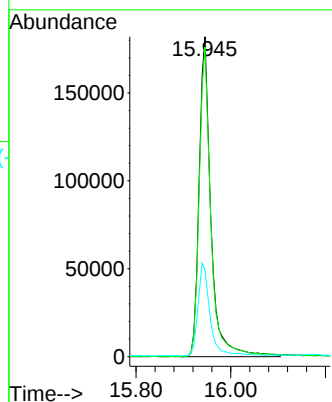
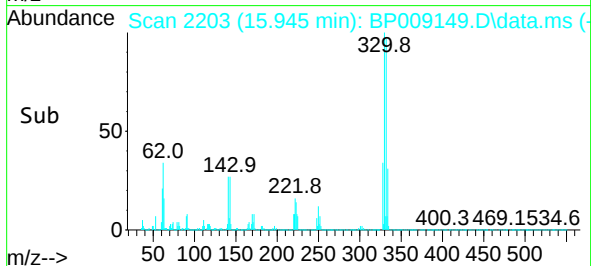
Instrument :
BNA_P
ClientSampleId :
ERMIR-TPS



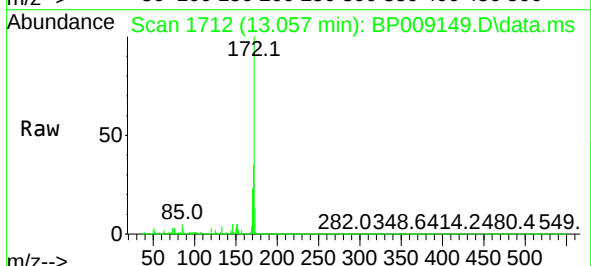
Tgt Ion:330 Resp: 315180
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.4
141 29.6 21.3 31.9

Manual Integrations
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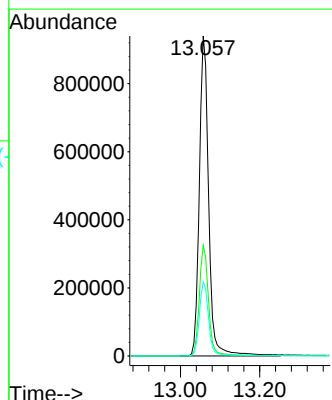
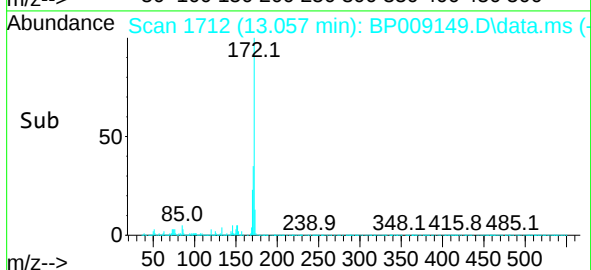
Reviewed By :Jagrut Upadhyay 02/15/2022
Supervised By :Yogesh Patel 02/18/2022

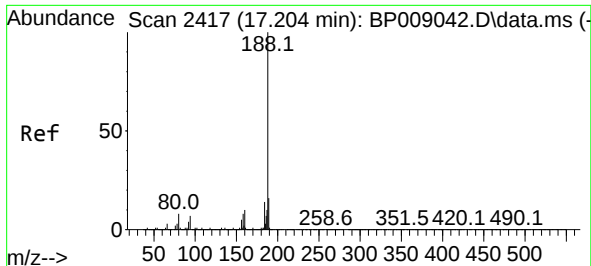


#45
2-Fluorobiphenyl
Concen: 31.697 ng
RT: 13.057 min Scan# 1712
Delta R.T. -0.012 min
Lab File: BP009149.D
Acq: 14 Feb 2022 23:20



Tgt Ion:172 Resp: 1533968
Ion Ratio Lower Upper
172 100
171 34.6 29.3 43.9
170 23.1 19.5 29.3





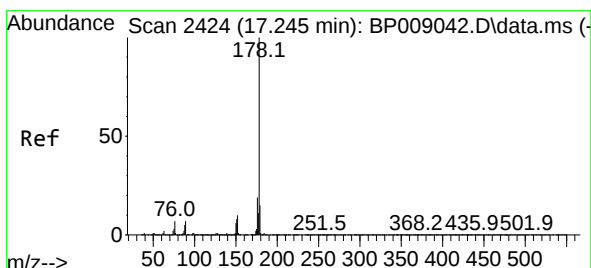
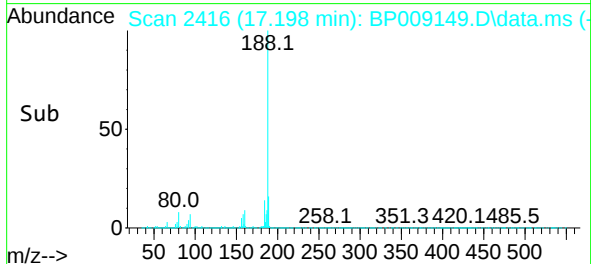
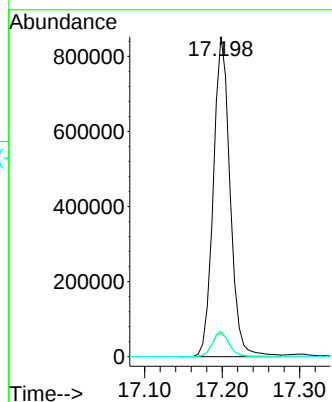
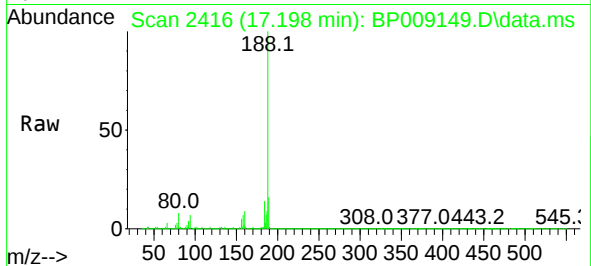
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.198 min Scan# 2417
Delta R.T. -0.006 min
Lab File: BP009149.D
Acq: 14 Feb 2022 23:20

Instrument :
BNA_P
ClientSampleId :
ERMIR-TPS

Tgt Ion:188 Resp: 127775
Ion Ratio Lower Upper
188 100
94 7.4 6.8 10.2
80 8.0 7.2 10.8

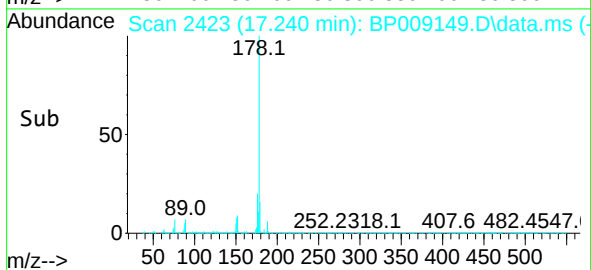
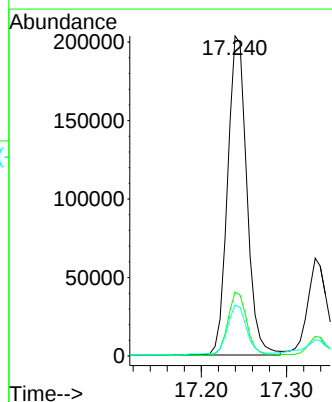
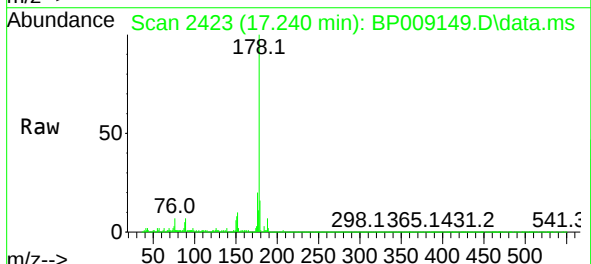
Manual Integrations
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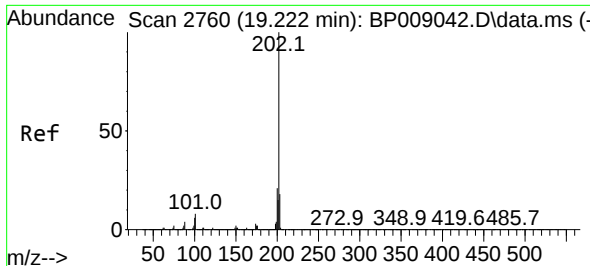
Reviewed By :Jagrut Upadhyay 02/15/2022
Supervised By :Yogesh Patel 02/18/2022



#71
Phenanthrene
Concen: 4.594 ng
RT: 17.240 min Scan# 2423
Delta R.T. -0.006 min
Lab File: BP009149.D
Acq: 14 Feb 2022 23:20

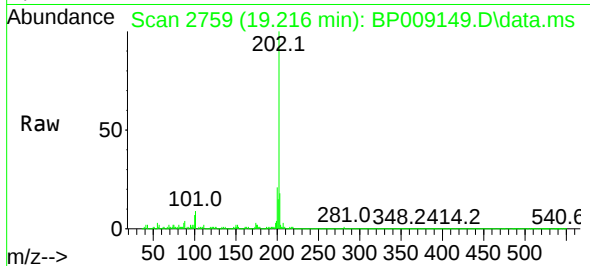
Tgt Ion:178 Resp: 317860
Ion Ratio Lower Upper
178 100
176 20.0 16.0 24.0
179 15.9 13.0 19.4





#75
Fluoranthene
Concen: 10.045 ng
RT: 19.216 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009149.D
Acq: 14 Feb 2022 23:20

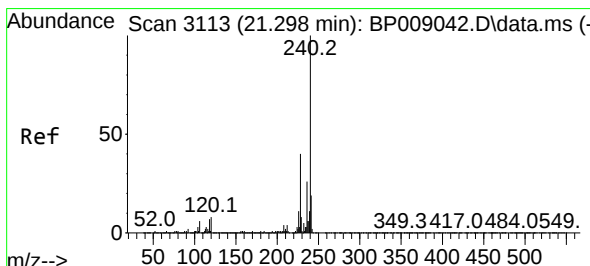
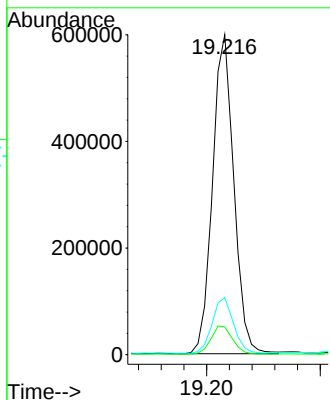
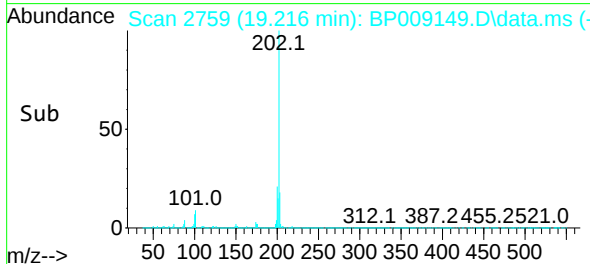
Instrument :
BNA_P
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ERMIR-TPS



Tgt Ion:202 Resp: 778904
Ion Ratio Lower Upper
202 100
101 8.7 0.0 30.7
203 17.9 0.0 38.9

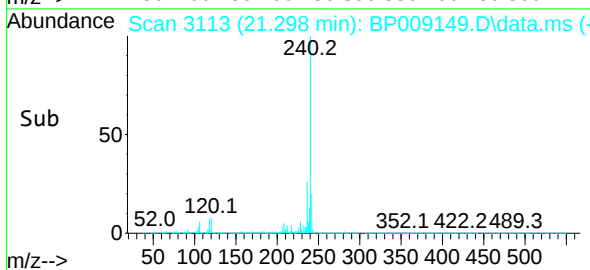
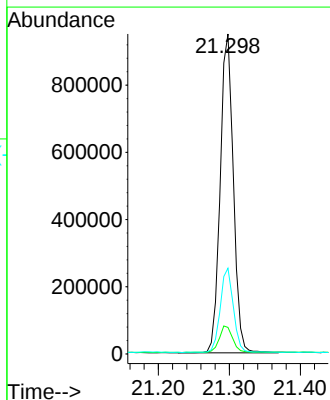
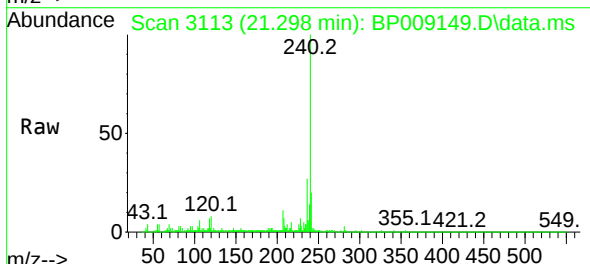
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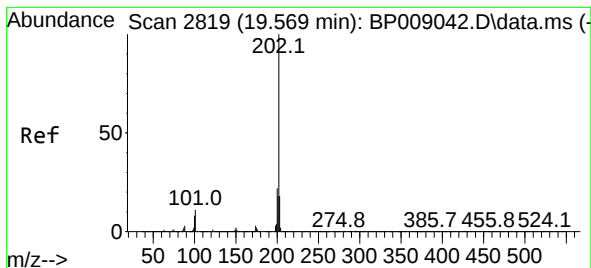
Reviewed By :Jagrut Upadhyay 02/15/2022
Supervised By :Yogesh Patel 02/18/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.298 min Scan# 3113
Delta R.T. 0.000 min
Lab File: BP009149.D
Acq: 14 Feb 2022 23:20

Tgt Ion:240 Resp: 1216741
Ion Ratio Lower Upper
240 100
120 8.3 7.7 11.5
236 26.8 21.2 31.8





#78

Pyrene

Concen: 8.689 ng

RT: 19.569 min Scan# 2819

Delta R.T. 0.000 min

Lab File: BP009149.D

Acq: 14 Feb 2022 23:20

Instrument :

BNA_P

ClientSampleId :

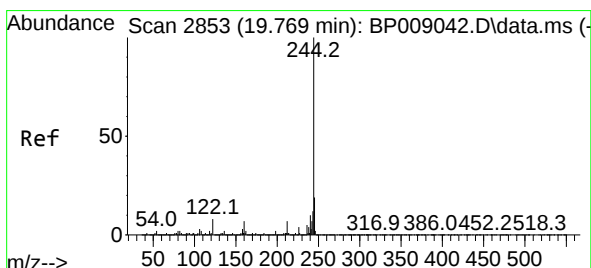
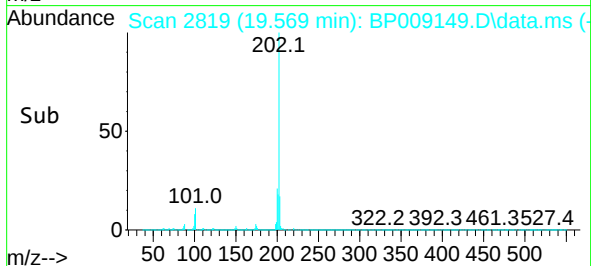
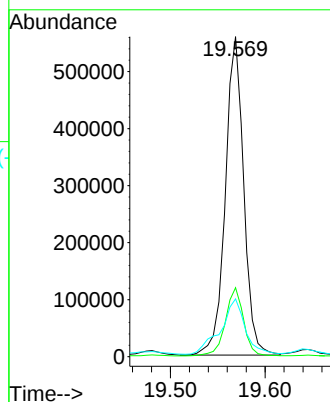
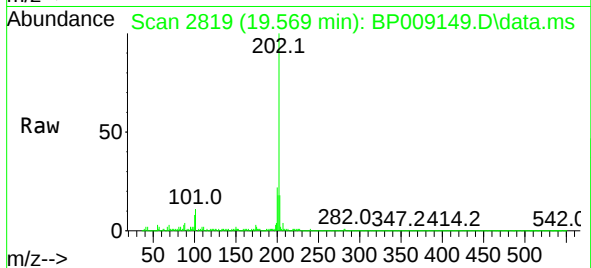
ERMIR-TPS

Tgt Ion:202 Resp: 752110
 Ion Ratio Lower Upper
 202 100
 200 21.5 18.0 27.0
 203 18.0 15.0 22.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 02/15/2022
 Supervised By :Yogesh Patel 02/18/2022



#79

Terphenyl-d14

Concen: 26.642 ng

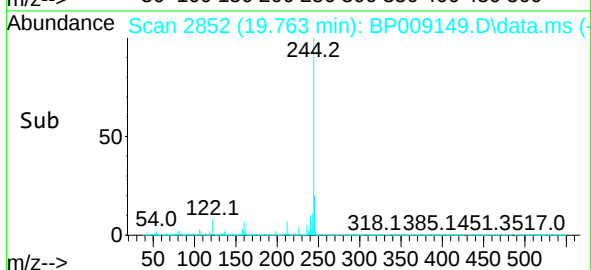
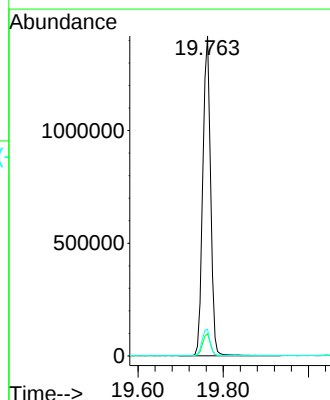
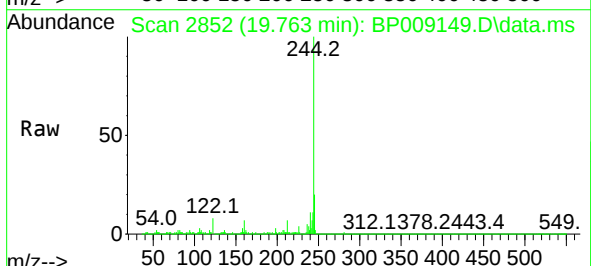
RT: 19.763 min Scan# 2852

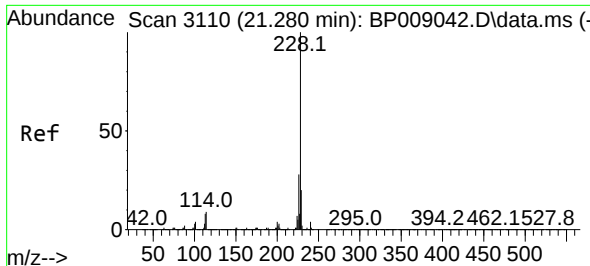
Delta R.T. -0.006 min

Lab File: BP009149.D

Acq: 14 Feb 2022 23:20

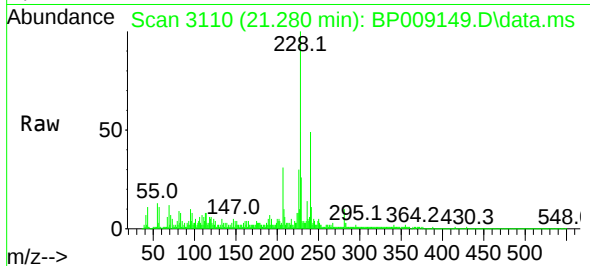
Tgt Ion:244 Resp: 1802584
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.5 9.7
 122 8.3 9.2 13.8





#81
Benzo(a)anthracene
Concen: 5.600 ng m
RT: 21.280 min Scan# 3110
Delta R.T. 0.000 min
Lab File: BP009149.D
Acq: 14 Feb 2022 23:20

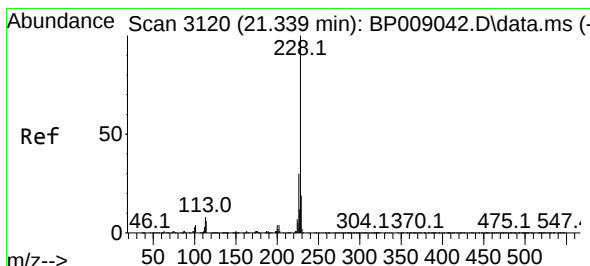
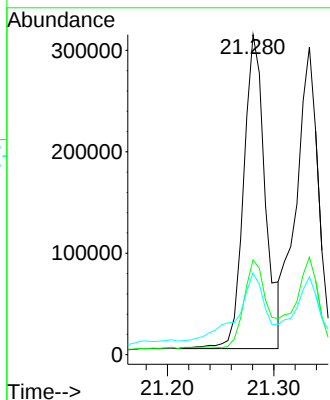
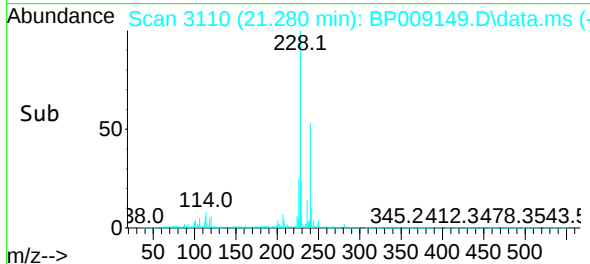
Instrument :
BNA_P
ClientSampleId :
ERMIR-TPS



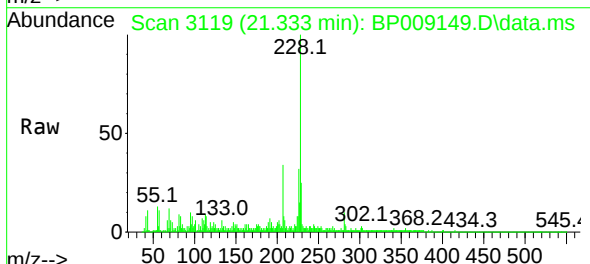
Tgt Ion:228 Resp: 439090
Ion Ratio Lower Upper
228 100
226 29.7 23.3 34.9
229 25.6 17.0 25.6

Manual Integrations
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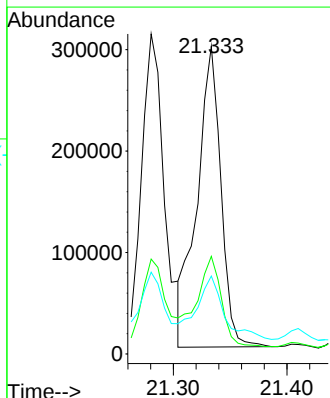
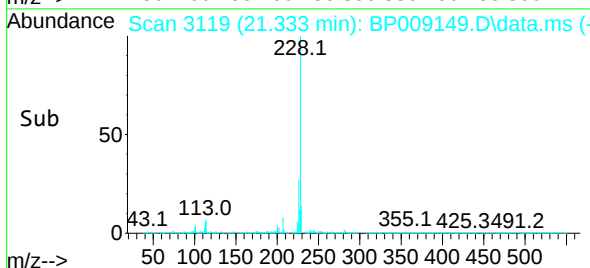
Reviewed By :Jagrut Upadhyay 02/15/2022
Supervised By :Yogesh Patel 02/18/2022

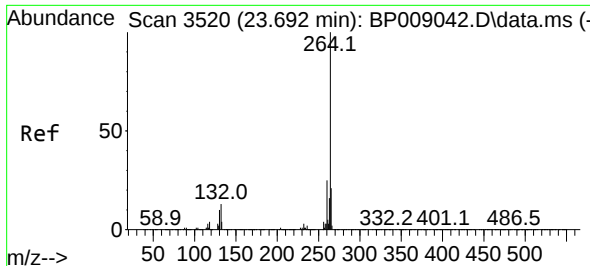


#83
Chrysene
Concen: 5.734 ng
RT: 21.333 min Scan# 3119
Delta R.T. -0.006 min
Lab File: BP009149.D
Acq: 14 Feb 2022 23:20



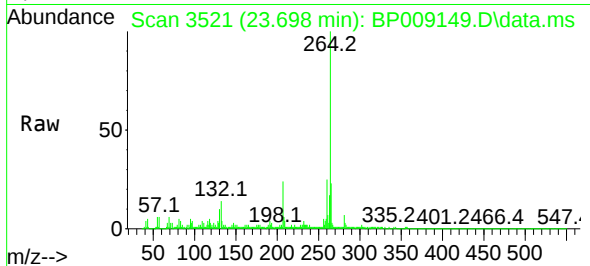
Tgt Ion:228 Resp: 433433
Ion Ratio Lower Upper
228 100
226 31.8 26.0 39.0
229 25.3 16.9 25.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.698 min Scan# 3520
Delta R.T. 0.006 min
Lab File: BP009149.D
Acq: 14 Feb 2022 23:20

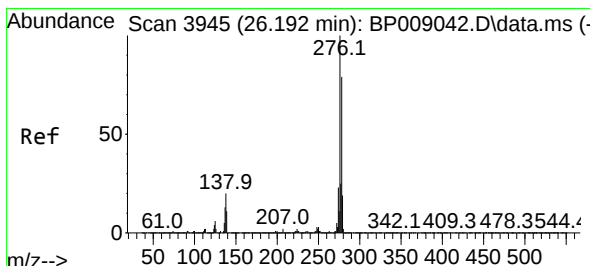
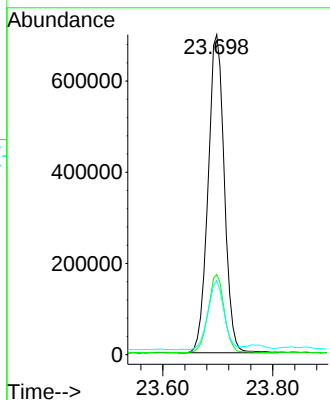
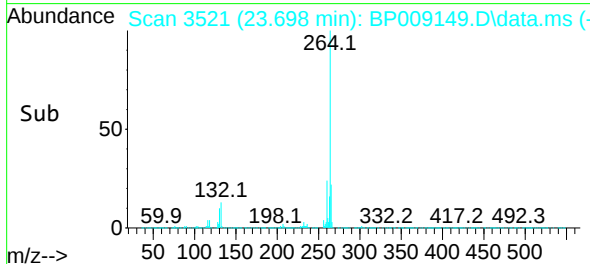
Instrument :
BNA_P
ClientSampleId :
ERMIR-TPS



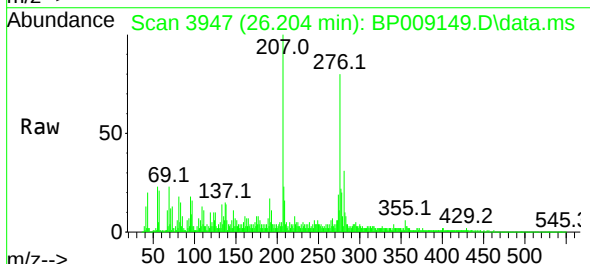
Tgt Ion:264 Resp: 143132
Ion Ratio Lower Upper
264 100
260 25.0 19.1 28.7
265 23.2 17.1 25.7

Manual Integrations
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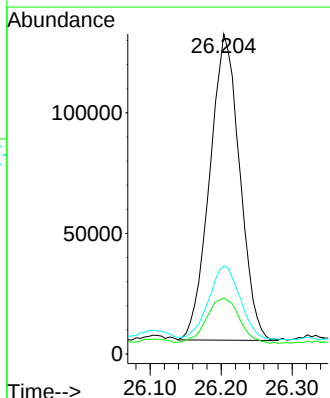
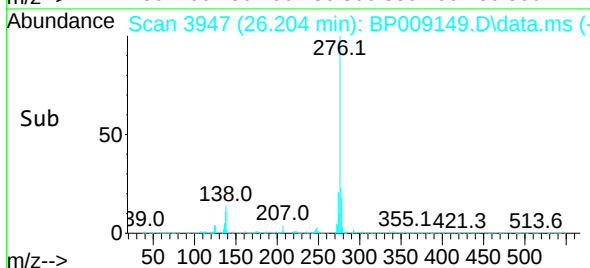
Reviewed By :Jagrut Upadhyay 02/15/2022
Supervised By :Yogesh Patel 02/18/2022

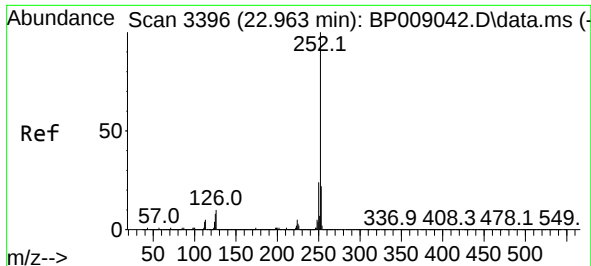


#87
Indeno(1,2,3-cd)pyrene
Concen: 3.499 ng
RT: 26.204 min Scan# 3947
Delta R.T. 0.012 min
Lab File: BP009149.D
Acq: 14 Feb 2022 23:20



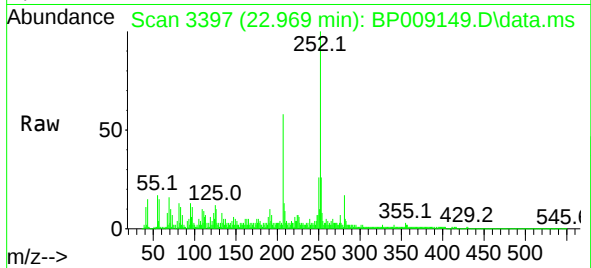
Tgt Ion:276 Resp: 372105
Ion Ratio Lower Upper
276 100
138 16.3 17.8 26.6#
277 25.7 20.4 30.6





#88
Benzo(b)fluoranthene
Concen: 7.177 ng
RT: 22.969 min Scan# 3396
Delta R.T. 0.006 min
Lab File: BP009149.D
Acq: 14 Feb 2022 23:20

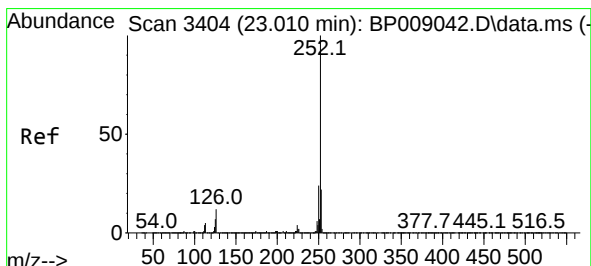
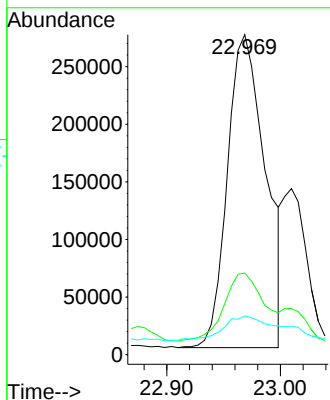
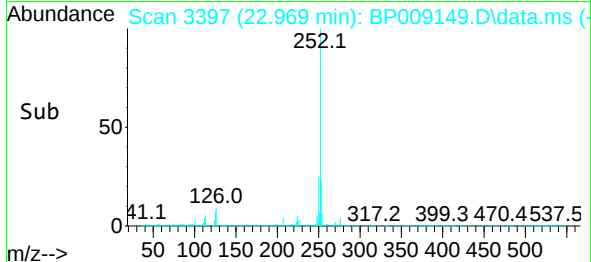
Instrument :
BNA_P
ClientSampleId :
ERMIR-TPS



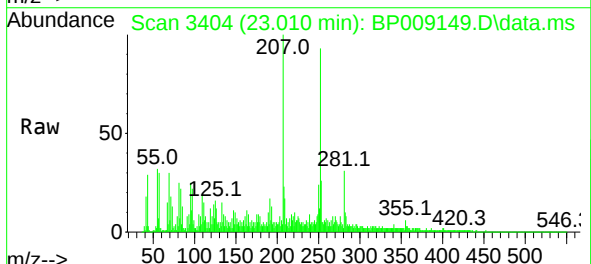
Tgt Ion:252 Resp: 63236
Ion Ratio Lower Upper
252 100
253 25.5 18.0 27.0
125 12.1 6.9 10.3

Manual Integrations
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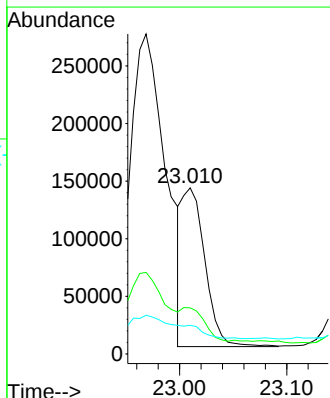
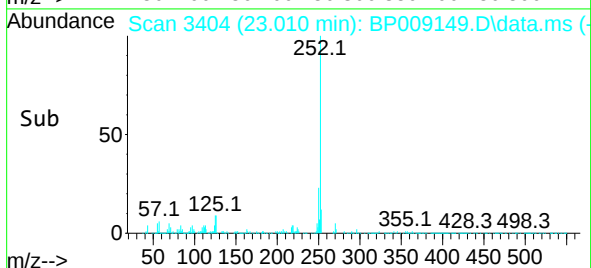
Reviewed By :Jagrut Upadhyay 02/15/2022
Supervised By :Yogesh Patel 02/18/2022

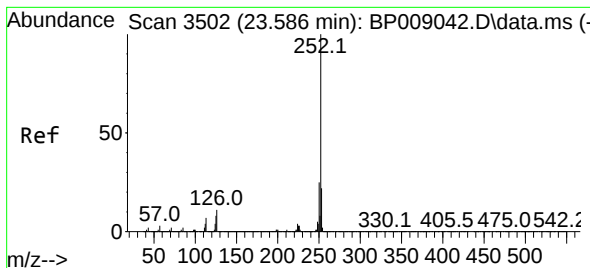


#89
Benzo(k)fluoranthene
Concen: 2.338 ng m
RT: 23.010 min Scan# 3404
Delta R.T. 0.000 min
Lab File: BP009149.D
Acq: 14 Feb 2022 23:20



Tgt Ion:252 Resp: 205528
Ion Ratio Lower Upper
252 100
253 27.7 18.2 27.2#
125 17.3 7.3 10.9#





#90

Benzo(a)pyrene

Concen: 6.313 ng

RT: 23.592 min Scan# 30

Delta R.T. 0.006 min

Lab File: BP009149.D

Acq: 14 Feb 2022 23:20

Instrument :

BNA_P

ClientSampleId :

ERMIR-TPS

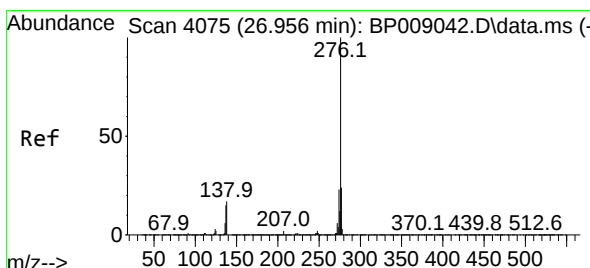
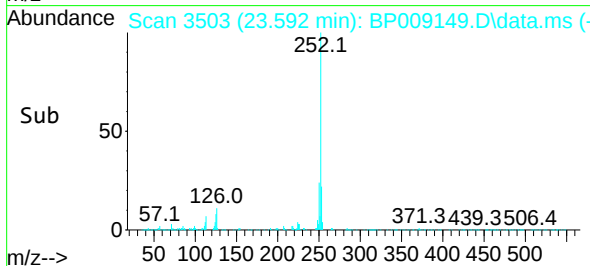
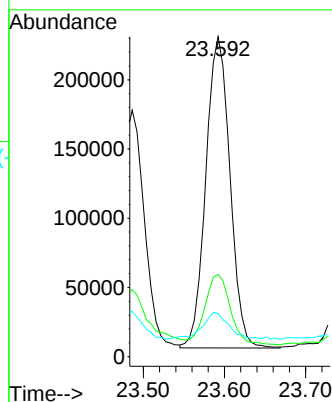
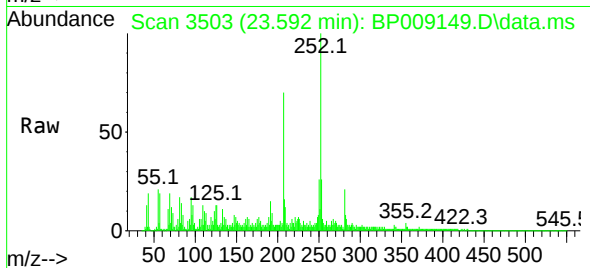
Tgt Ion:252 Resp: 463739

Ion	Ratio	Lower	Upper
252	100		
253	25.7	17.8	26.8
125	13.5	7.8	11.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/15/2022
Supervised By :Yogesh Patel 02/18/2022



#92

Benzo(g,h,i)perylene

Concen: 4.702 ng

RT: 26.980 min Scan# 4079

Delta R.T. 0.024 min

Lab File: BP009149.D

Acq: 14 Feb 2022 23:20

Tgt Ion:276 Resp: 409131

Ion	Ratio	Lower	Upper
276	100		
277	26.9	19.2	28.8
138	17.4	15.0	22.4

