

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021422\
 Data File : BP009139.D
 Acq On : 14 Feb 2022 17:47
 Operator : CG/JU
 Sample : N1426-01DL 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 POST-EX-01-0207DL

Quant Time: Feb 14 23:57:56 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	187605	20.000	ng	-0.01
21) Naphthalene-d8	10.587	136	705721	20.000	ng	-0.02
39) Acenaphthene-d10	14.434	164	452128	20.000	ng	-0.01
64) Phenanthrene-d10	17.192	188	961013	20.000	ng	-0.01
76) Chrysene-d12	21.292	240	1101691	20.000	ng	0.00
86) Perylene-d12	23.686	264	1228865	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	204497	19.444	ng	0.00
7) Phenol-d6	6.999	99	237801	17.160	ng	0.01
23) Nitrobenzene-d5	8.963	82	150395	12.018	ng	0.00
42) 2,4,6-Tribromophenol	15.939	330	114129	18.906	ng	0.00
45) 2-Fluorobiphenyl	13.057	172	408497	12.648	ng	-0.01
79) Terphenyl-d14	19.757	244	671683	10.964	ng	-0.01
Target Compounds						Qvalue
49) Acenaphthylene	14.157	152	165163	4.150	ng	99
71) Phenanthrene	17.233	178	1247263	23.969	ng	99
72) Anthracene	17.328	178	287099	5.639	ng	100
75) Fluoranthene	19.210	202	2751423	47.177	ng	97
78) Pyrene	19.563	202	2587068	33.011	ng	97
81) Benzo(a)anthracene	21.274	228	1173495	16.529	ng	99
83) Chrysene	21.327	228	941475	13.756	ng	98
87) Indeno(1,2,3-cd)pyrene	26.180	276	731543	8.012	ng	# 94
88) Benzo(b)fluoranthene	22.957	252	1334604	17.642	ng	100
89) Benzo(k)fluoranthene	22.998	252	470978m	6.240	ng	
90) Benzo(a)pyrene	23.580	252	1008138	15.984	ng	98
92) Benzo(g,h,i)perylene	26.951	276	667190	8.930	ng	99

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

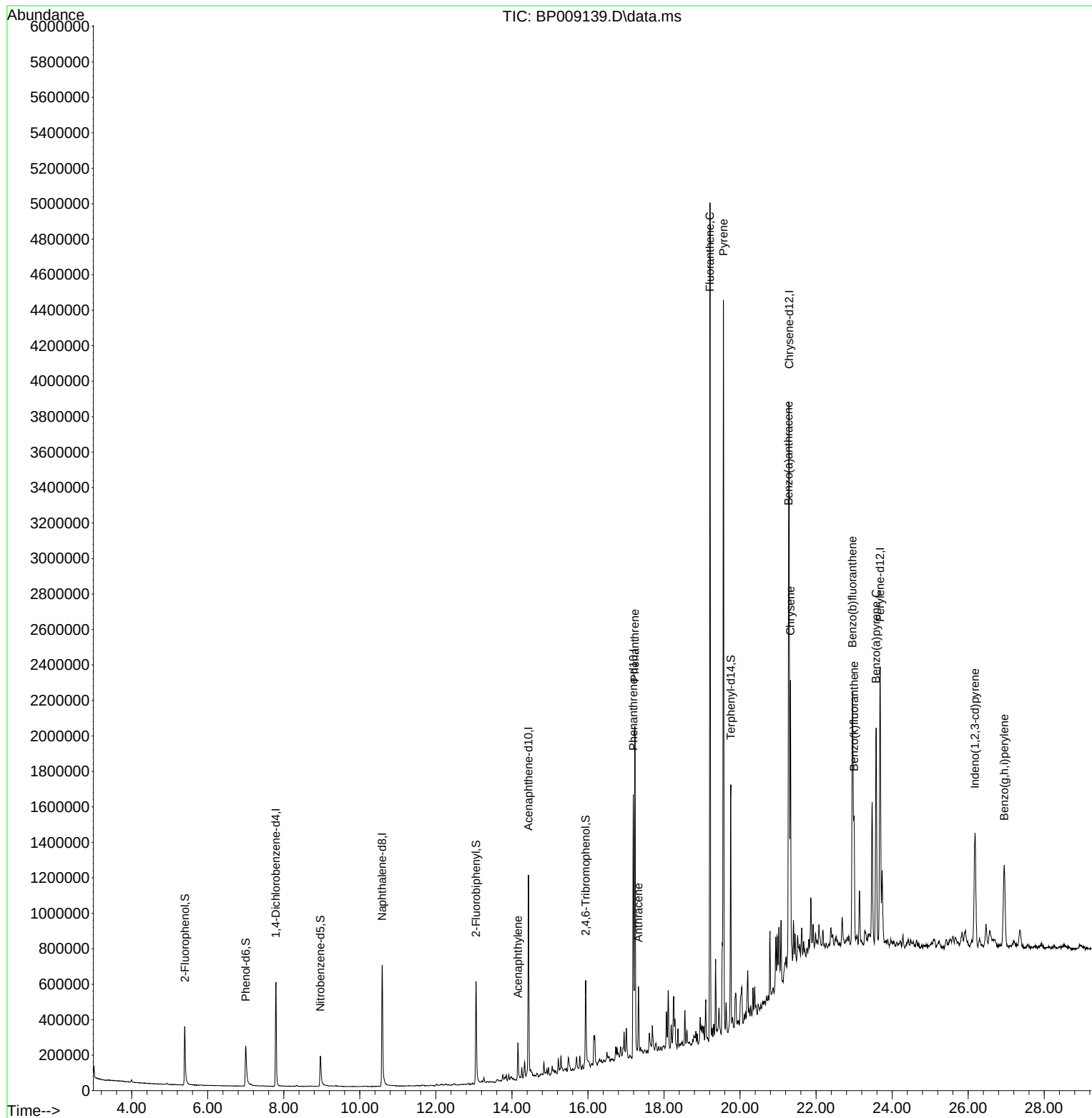
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021422\
Data File : BP009139.D
Acq On : 14 Feb 2022 17:47
Operator : CG/JU
Sample : N1426-01DL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

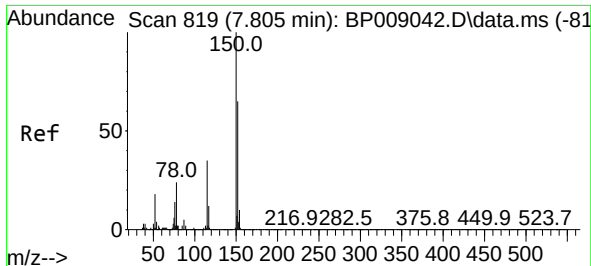
Instrument :
BNA_P
ClientSampleId :
POST-EX-01-0207DL

Quant Time: Feb 14 23:57:56 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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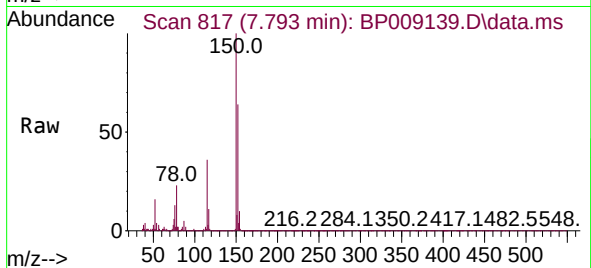
Reviewed By :Jagrut Upadhyay 02/15/2022
Supervised By :Yogesh Patel 02/18/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.793 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP009139.D
Acq: 14 Feb 2022 17:47

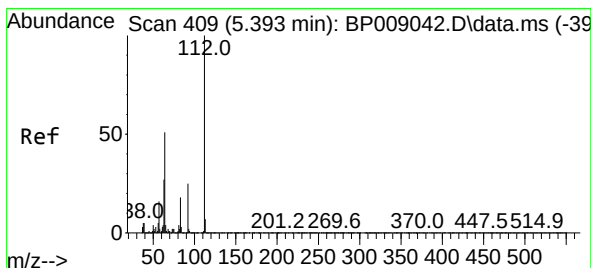
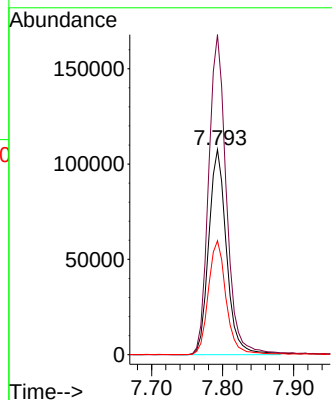
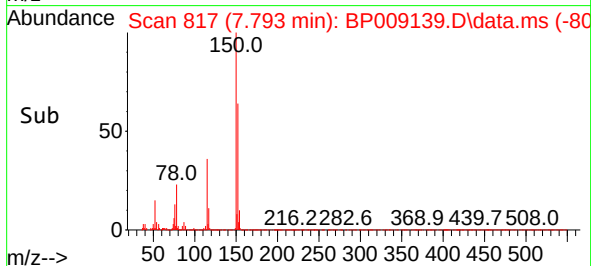
Instrument :
BNA_P
ClientSampleId :
POST-EX-01-0207DL



Tgt Ion:152 Resp: 18760
Ion Ratio Lower Upper
152 100
150 156.0 127.0 190.6
115 55.5 43.7 65.5

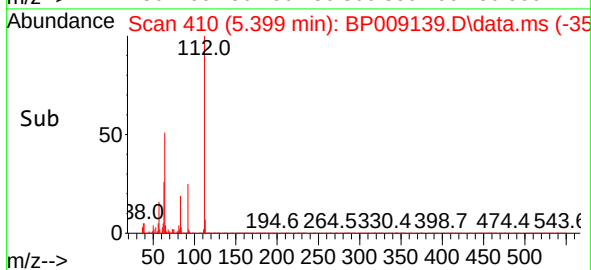
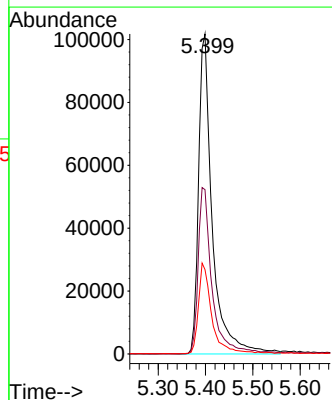
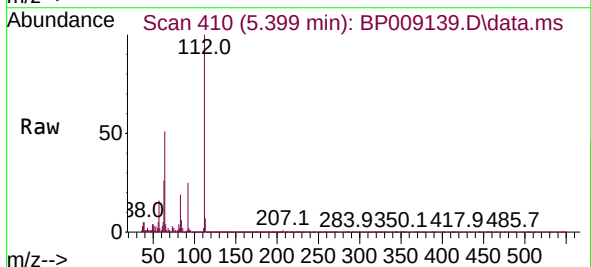
Manual Integrations
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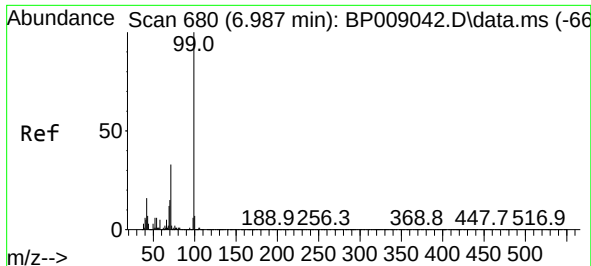
Reviewed By :Jagrut Upadhyay 02/15/2022
Supervised By :Yogesh Patel 02/18/2022



#5
2-Fluorophenol
Concen: 19.444 ng
RT: 5.399 min Scan# 410
Delta R.T. 0.006 min
Lab File: BP009139.D
Acq: 14 Feb 2022 17:47

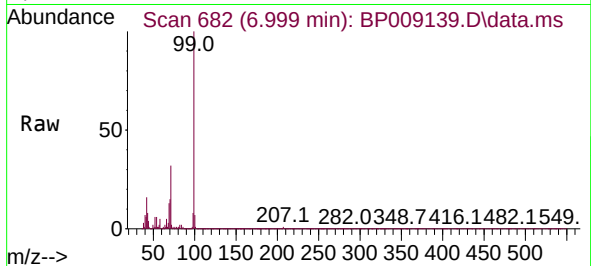
Tgt Ion:112 Resp: 204497
Ion Ratio Lower Upper
112 100
64 51.4 39.7 59.5
63 26.4 20.0 30.0





#7
Phenol-d6
Concen: 17.160 ng
RT: 6.999 min Scan# 61
Delta R.T. 0.012 min
Lab File: BP009139.D
Acq: 14 Feb 2022 17:47

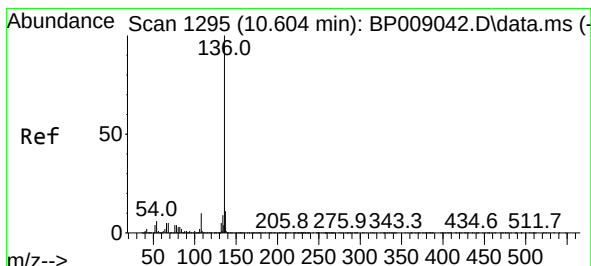
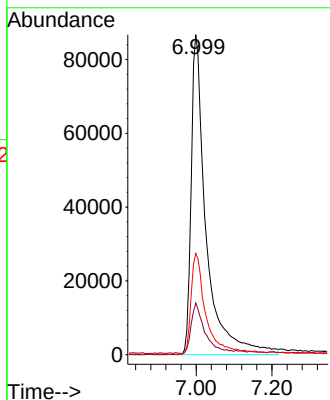
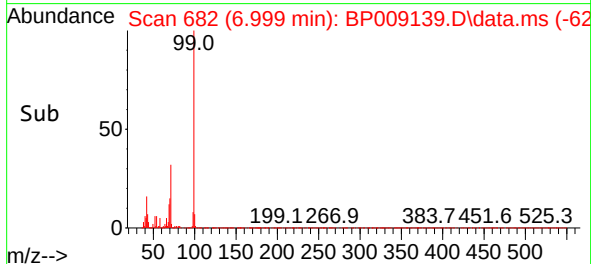
Instrument :
BNA_P
ClientSampleId :
POST-EX-01-0207DL



Tgt Ion: 99 Resp: 23780
Ion Ratio Lower Upper
99 100
42 16.2 10.8 16.2
71 31.7 23.8 35.6

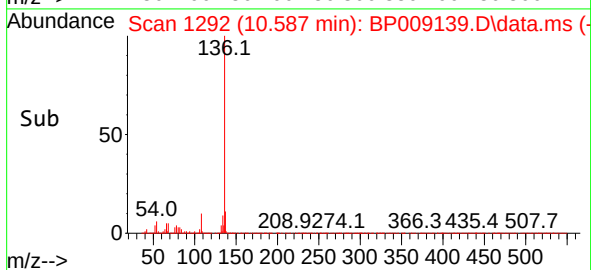
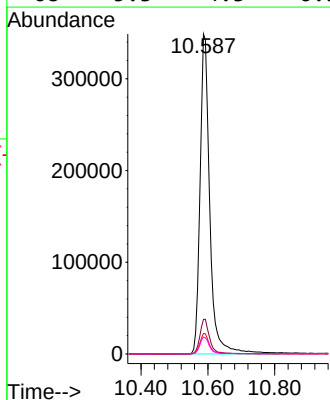
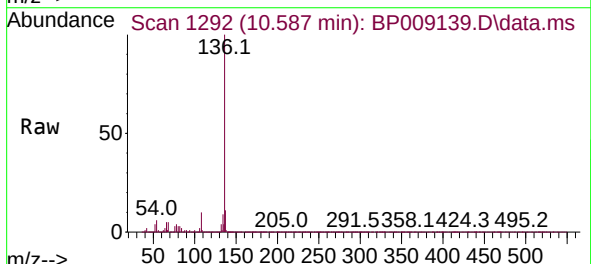
Manual Integrations
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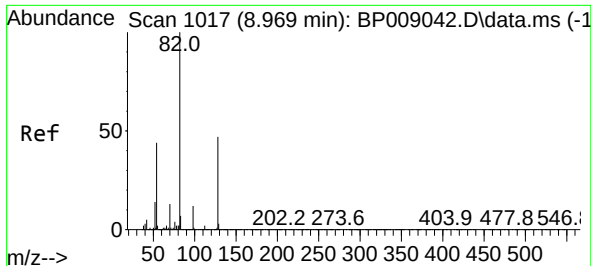
Reviewed By :Jagrut Upadhyay 02/15/2022
Supervised By :Yogesh Patel 02/18/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.587 min Scan# 1292
Delta R.T. -0.017 min
Lab File: BP009139.D
Acq: 14 Feb 2022 17:47

Tgt Ion:136 Resp: 705721
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 6.4 4.9 7.3
68 5.3 4.3 6.5





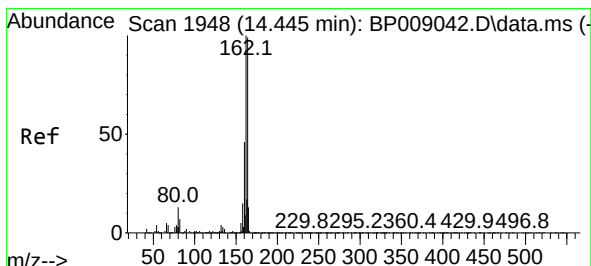
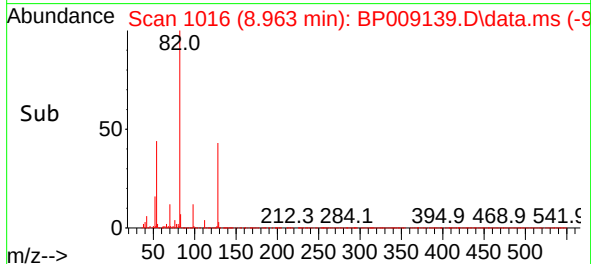
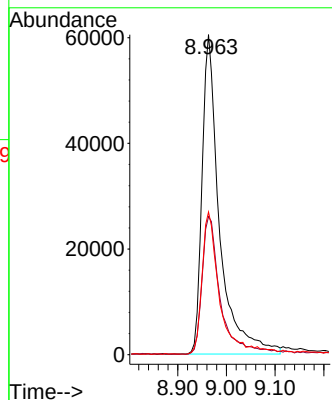
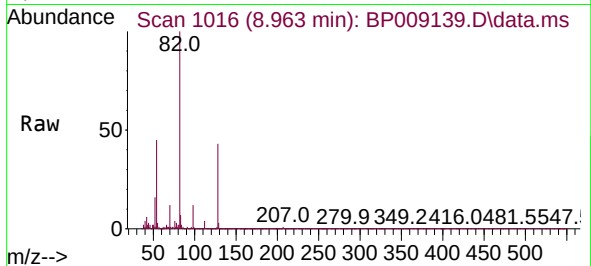
#23
Nitrobenzene-d5
Concen: 12.018 ng
RT: 8.963 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BP009139.D
Acq: 14 Feb 2022 17:47

Instrument :
BNA_P
ClientSampleId :
POST-EX-01-0207DL

Tgt Ion: 82 Resp: 15039
Ion Ratio Lower Upper
82 100
128 43.1 39.4 59.2
54 44.6 32.6 48.8

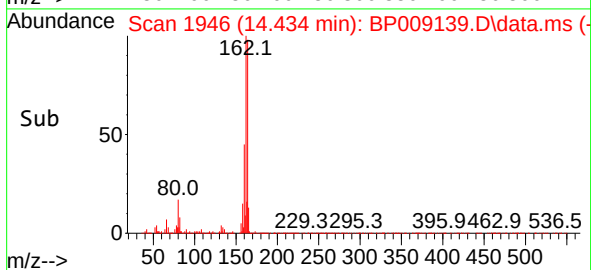
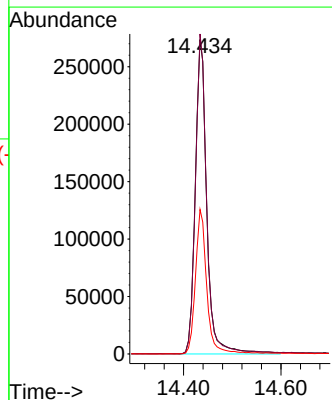
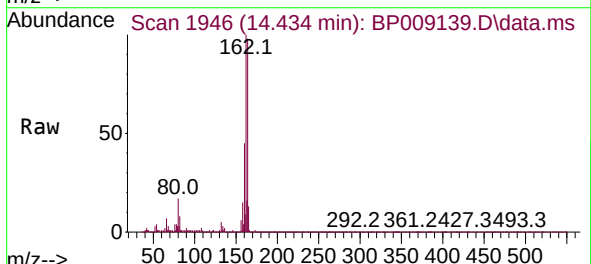
Manual Integrations
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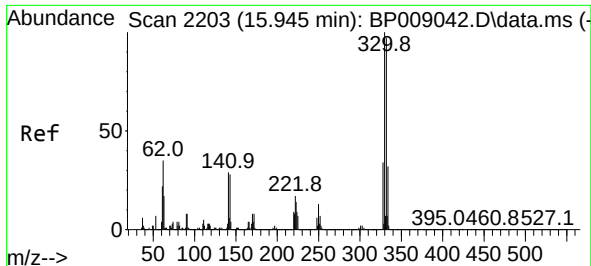
Reviewed By :Jagrut Upadhyay 02/15/2022
Supervised By :Yogesh Patel 02/18/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.434 min Scan# 1946
Delta R.T. -0.011 min
Lab File: BP009139.D
Acq: 14 Feb 2022 17:47

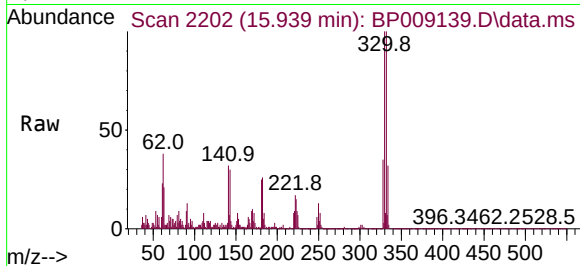
Tgt Ion:164 Resp: 452128
Ion Ratio Lower Upper
164 100
162 101.8 79.9 119.9
160 46.0 35.5 53.3





#42
2,4,6-Tribromophenol
Concen: 18.906 ng
RT: 15.939 min Scan# 211
Delta R.T. -0.006 min
Lab File: BP009139.D
Acq: 14 Feb 2022 17:47

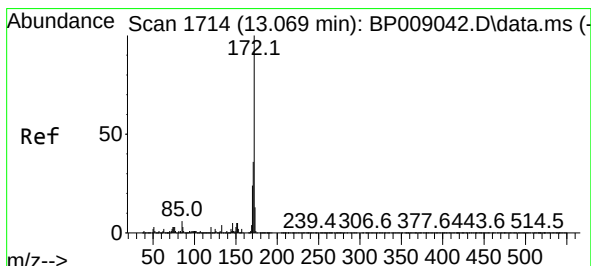
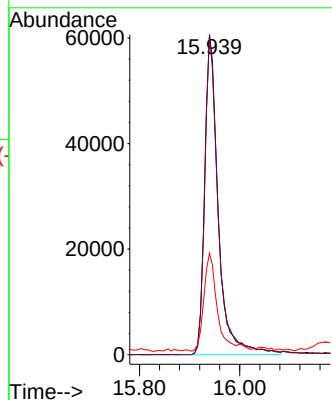
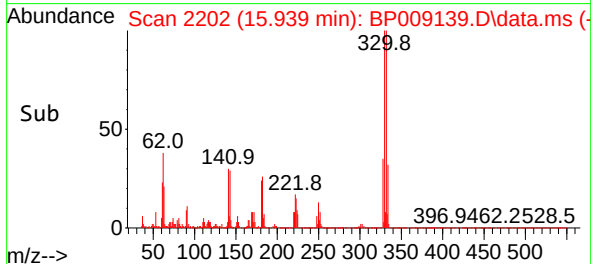
Instrument :
BNA_P
ClientSampleId :
POST-EX-01-0207DL



Tgt Ion:330 Resp: 114129
Ion Ratio Lower Upper
330 100
332 98.8 77.0 115.4
141 30.6 21.3 31.9

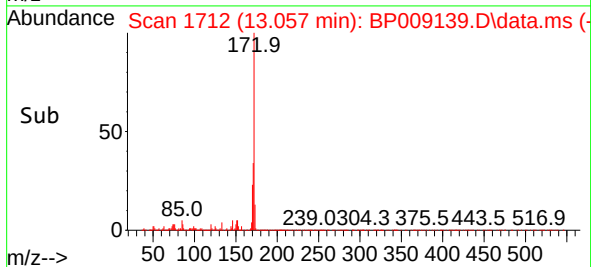
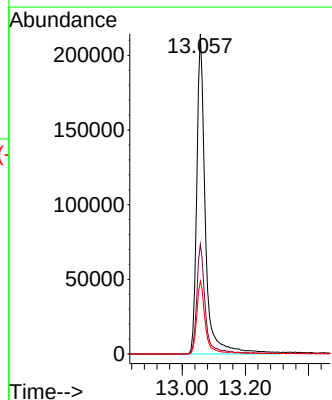
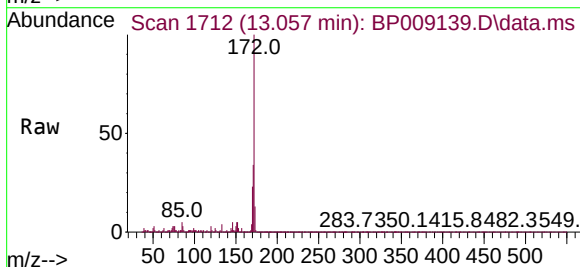
Manual Integrations
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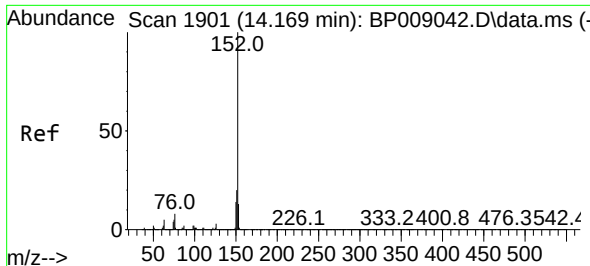
Reviewed By :Jagrut Upadhyay 02/15/2022
Supervised By :Yogesh Patel 02/18/2022



#45
2-Fluorobiphenyl
Concen: 12.648 ng
RT: 13.057 min Scan# 1712
Delta R.T. -0.012 min
Lab File: BP009139.D
Acq: 14 Feb 2022 17:47

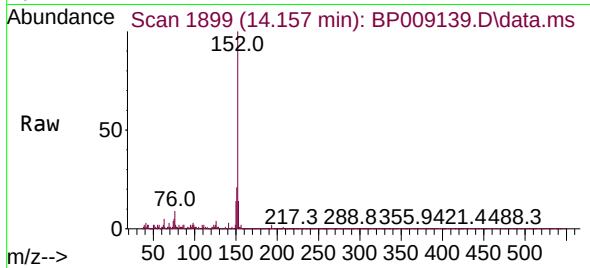
Tgt Ion:172 Resp: 408497
Ion Ratio Lower Upper
172 100
171 34.3 29.3 43.9
170 22.8 19.5 29.3





#49
Acenaphthylene
Concen: 4.150 ng
RT: 14.157 min Scan# 1899
Delta R.T. -0.012 min
Lab File: BP009139.D
Acq: 14 Feb 2022 17:47

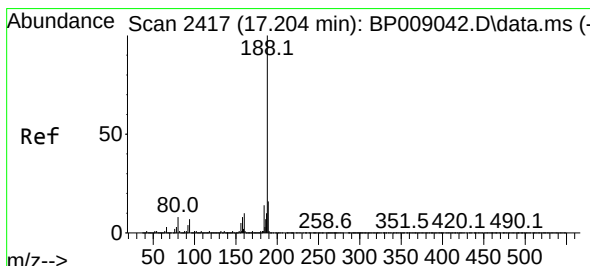
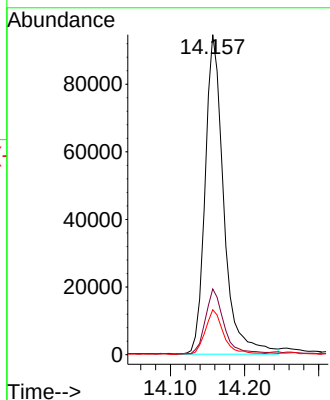
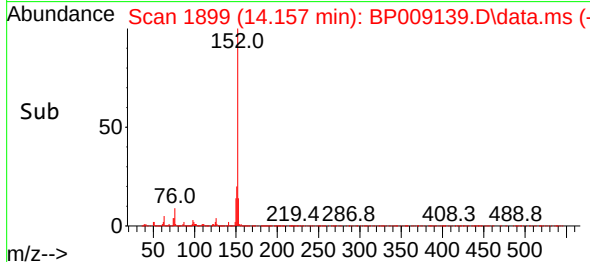
Instrument : BNA_P
ClientSampleId : POST-EX-01-0207DL



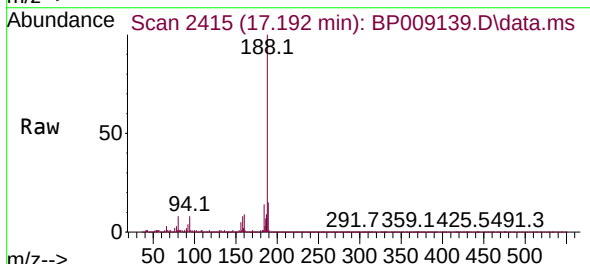
Tgt Ion:152 Resp: 16516
Ion Ratio Lower Upper
152 100
151 20.6 16.1 24.1
153 14.0 10.6 16.0

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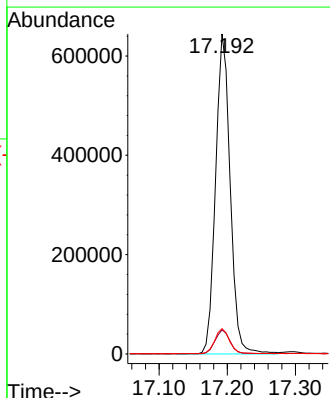
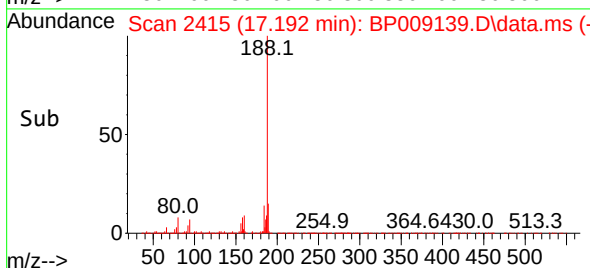
Reviewed By :Jagrut Upadhyay 02/15/2022
Supervised By :Yogesh Patel 02/18/2022

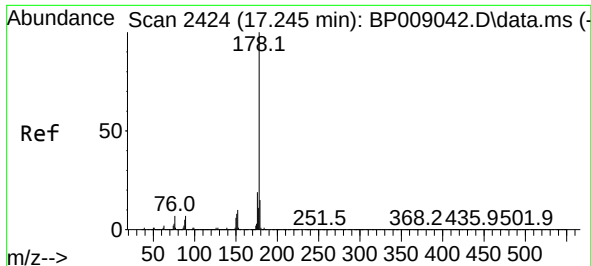


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.192 min Scan# 2415
Delta R.T. -0.012 min
Lab File: BP009139.D
Acq: 14 Feb 2022 17:47



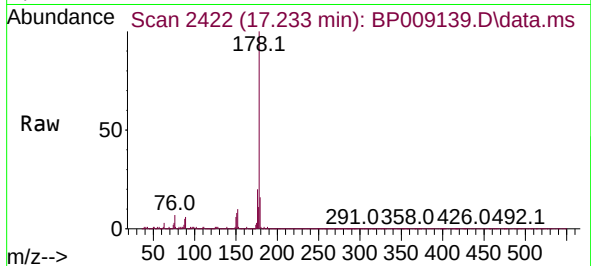
Tgt Ion:188 Resp: 961013
Ion Ratio Lower Upper
188 100
94 7.6 6.8 10.2
80 7.9 7.2 10.8





#71
Phenanthrene
Concen: 23.969 ng
RT: 17.233 min Scan# 2424
Delta R.T. -0.012 min
Lab File: BP009139.D
Acq: 14 Feb 2022 17:47

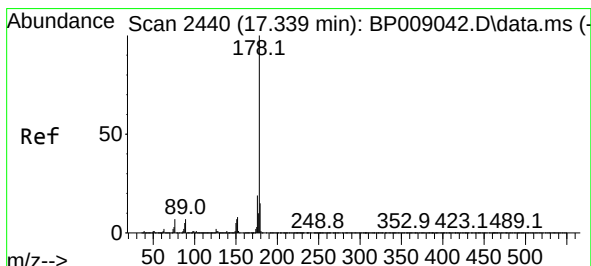
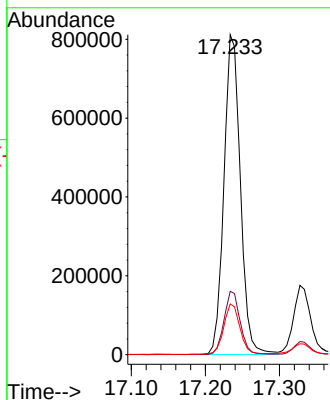
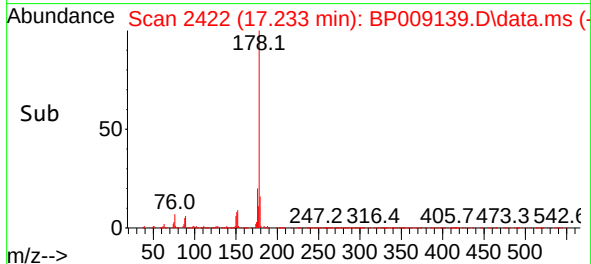
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POST-EX-01-0207DL



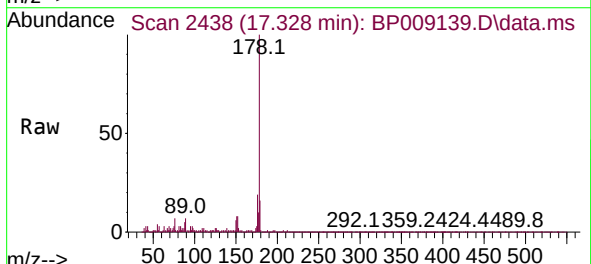
Tgt Ion:178 Resp: 124726
Ion Ratio Lower Upper
178 100
176 19.8 16.0 24.0
179 15.8 13.0 19.4

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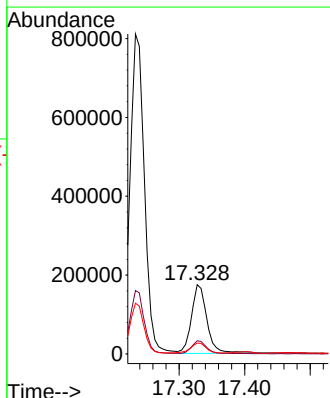
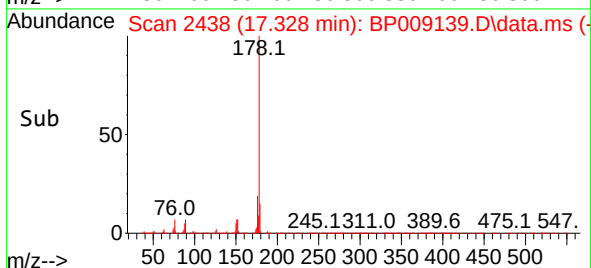
Reviewed By :Jagrut Upadhyay 02/15/2022
Supervised By :Yogesh Patel 02/18/2022

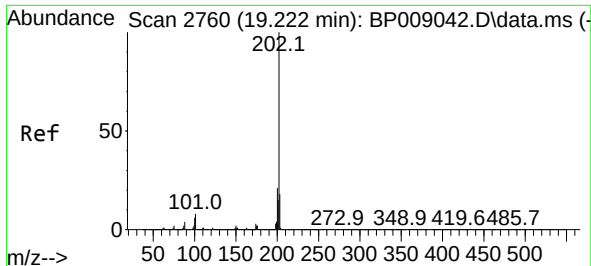


#72
Anthracene
Concen: 5.639 ng
RT: 17.328 min Scan# 2438
Delta R.T. -0.012 min
Lab File: BP009139.D
Acq: 14 Feb 2022 17:47



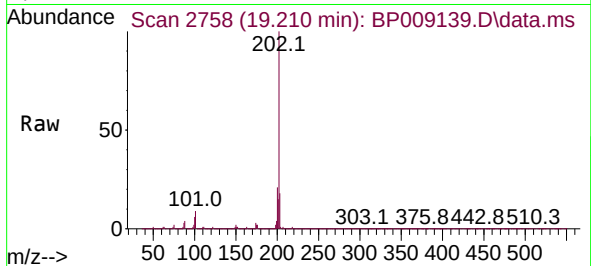
Tgt Ion:178 Resp: 287099
Ion Ratio Lower Upper
178 100
176 18.9 15.1 22.7
179 15.8 12.8 19.2





#75
Fluoranthene
Concen: 47.177 ng
RT: 19.210 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP009139.D
Acq: 14 Feb 2022 17:47

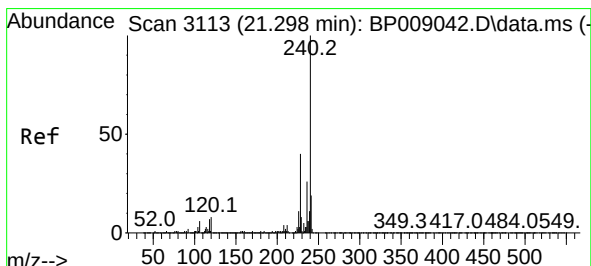
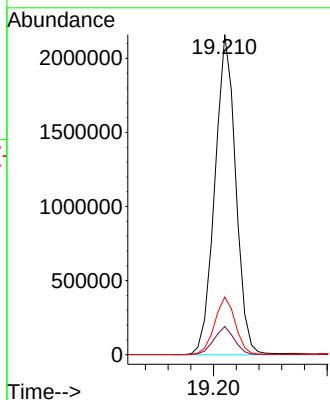
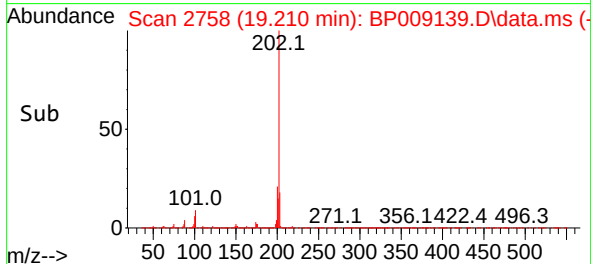
Instrument :
BNA_P
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POST-EX-01-0207DL



Tgt Ion:202 Resp: 275142
Ion Ratio Lower Upper
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101 8.8 0.0 30.7
203 18.0 0.0 38.9

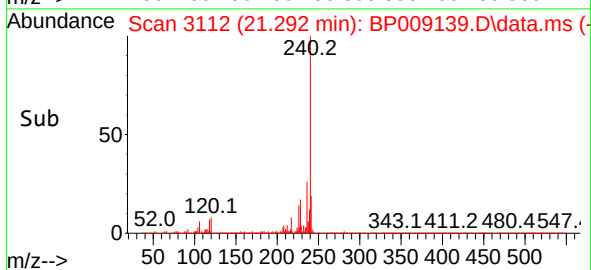
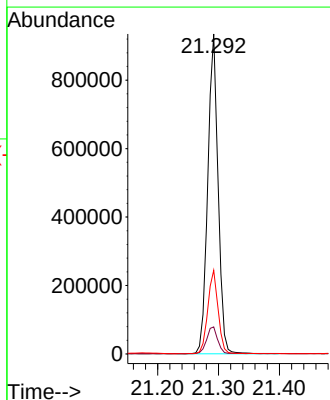
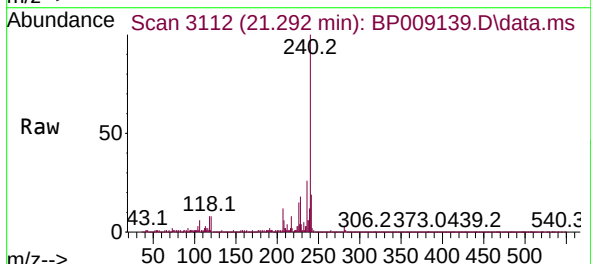
Manual Integrations
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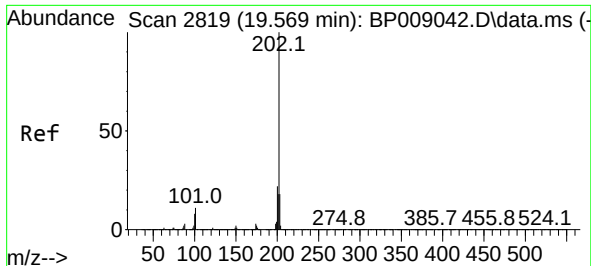
Reviewed By :Jagrut Upadhyay 02/15/2022
Supervised By :Yogesh Patel 02/18/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.292 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BP009139.D
Acq: 14 Feb 2022 17:47

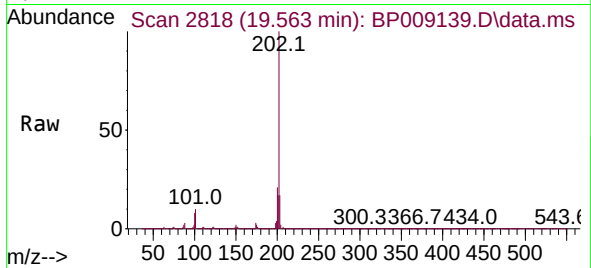
Tgt Ion:240 Resp: 1101691
Ion Ratio Lower Upper
240 100
120 8.4 7.7 11.5
236 26.1 21.2 31.8





#78
Pyrene
Concen: 33.011 ng
RT: 19.563 min Scan# 2819
Delta R.T. -0.006 min
Lab File: BP009139.D
Acq: 14 Feb 2022 17:47

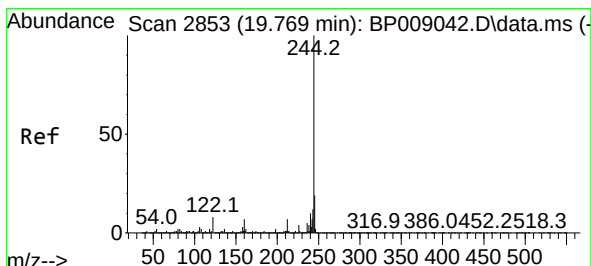
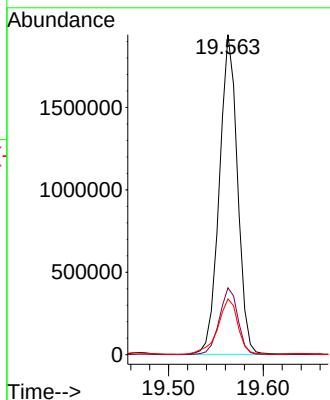
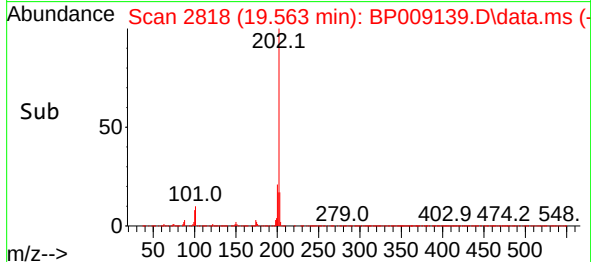
Instrument : BNA_P
ClientSampleId : POST-EX-01-0207DL



Tgt Ion:202 Resp: 2587068
Ion Ratio Lower Upper
202 100
200 20.9 18.0 27.0
203 17.4 15.0 22.6

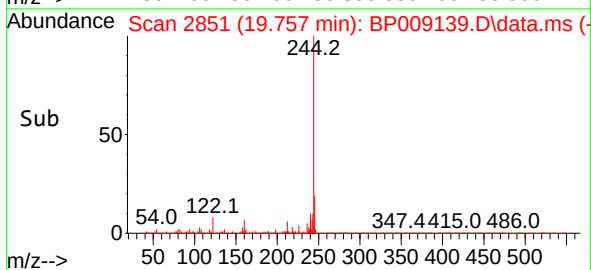
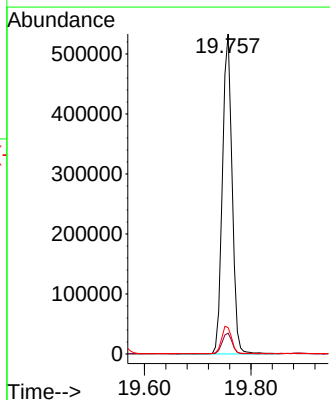
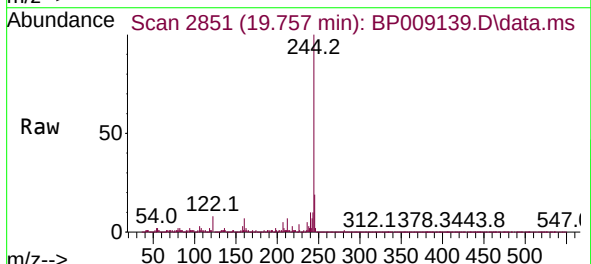
Manual Integrations
APPROVED

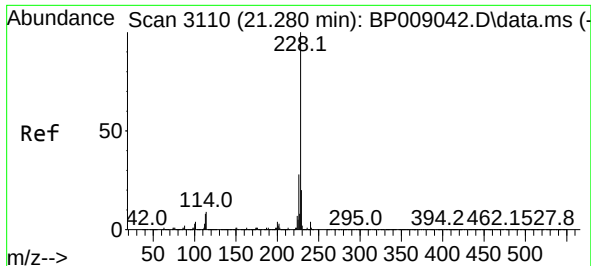
Reviewed By :Jagrut Upadhyay 02/15/2022
Supervised By :Yogesh Patel 02/18/2022



#79
Terphenyl-d14
Concen: 10.964 ng
RT: 19.757 min Scan# 2851
Delta R.T. -0.012 min
Lab File: BP009139.D
Acq: 14 Feb 2022 17:47

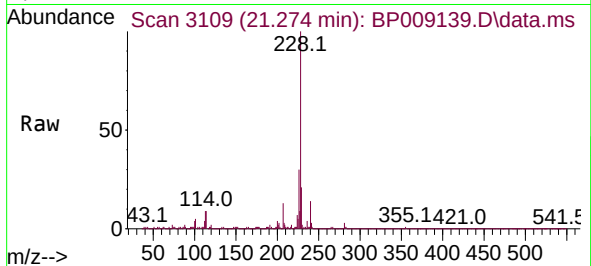
Tgt Ion:244 Resp: 671683
Ion Ratio Lower Upper
244 100
212 6.5 6.5 9.7
122 8.3 9.2 13.8





#81
Benzo(a)anthracene
Concen: 16.529 ng
RT: 21.274 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BP009139.D
Acq: 14 Feb 2022 17:47

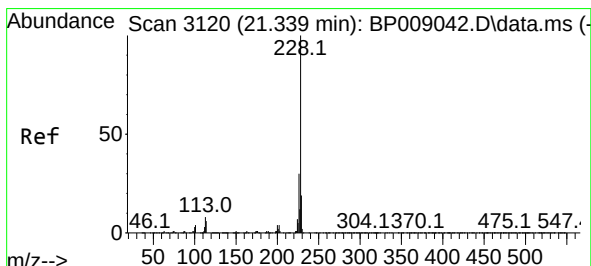
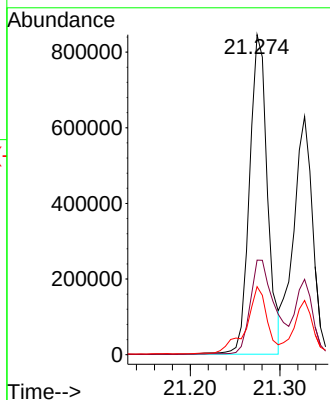
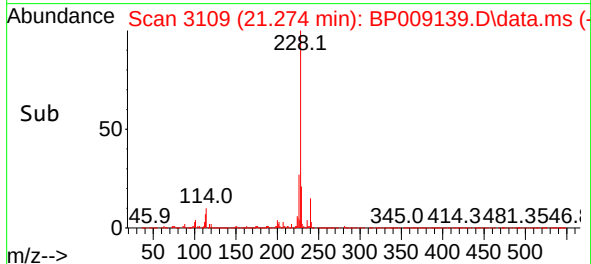
Instrument :
BNA_P
ClientSampleId :
POST-EX-01-0207DL



Tgt Ion:228 Resp: 117349
Ion Ratio Lower Upper
228 100
226 29.5 23.3 34.9
229 21.2 17.0 25.6

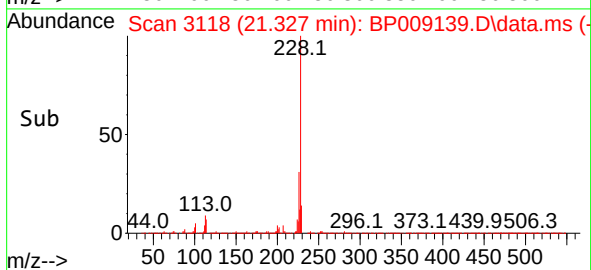
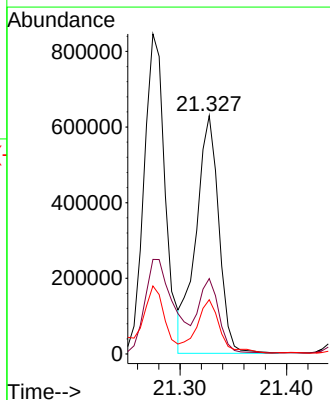
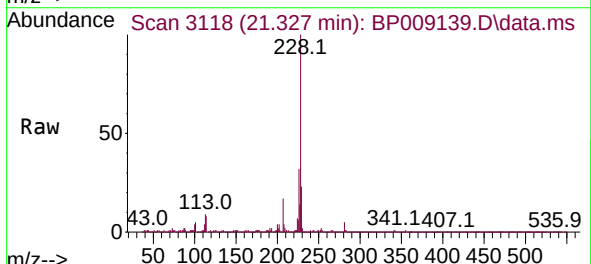
Manual Integrations
APPROVED

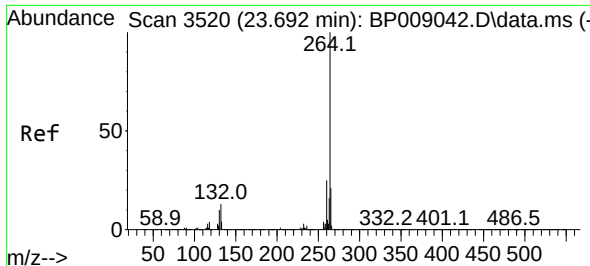
Reviewed By :Jagrut Upadhyay 02/15/2022
Supervised By :Yogesh Patel 02/18/2022



#83
Chrysene
Concen: 13.756 ng
RT: 21.327 min Scan# 3118
Delta R.T. -0.012 min
Lab File: BP009139.D
Acq: 14 Feb 2022 17:47

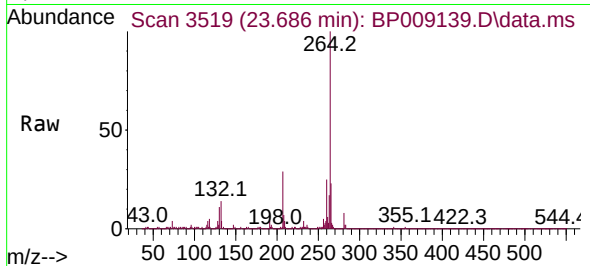
Tgt Ion:228 Resp: 941475
Ion Ratio Lower Upper
228 100
226 31.6 26.0 39.0
229 22.8 16.9 25.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.686 min Scan# 3519
Delta R.T. -0.006 min
Lab File: BP009139.D
Acq: 14 Feb 2022 17:47

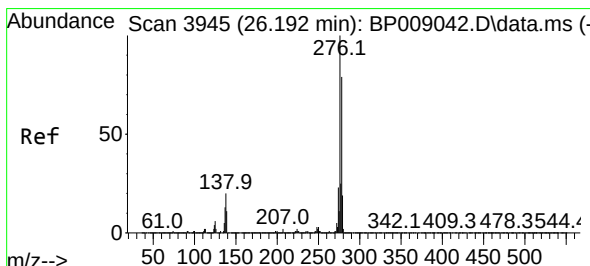
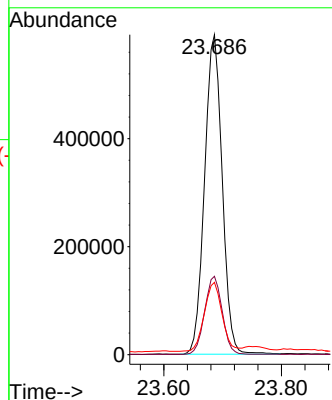
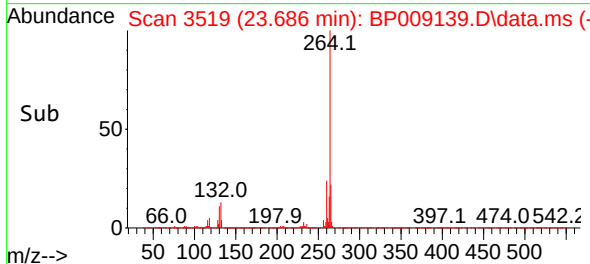
Instrument :
BNA_P
ClientSampleId :
POST-EX-01-0207DL



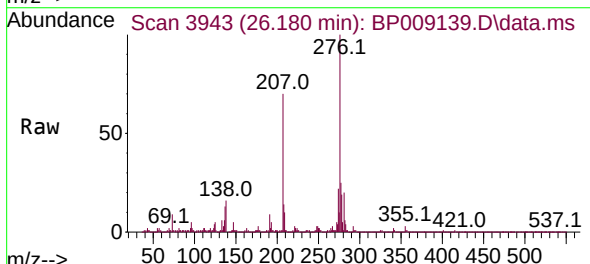
Tgt Ion:264 Resp: 122886
Ion Ratio Lower Upper
264 100
260 24.5 19.1 28.7
265 22.6 17.1 25.7

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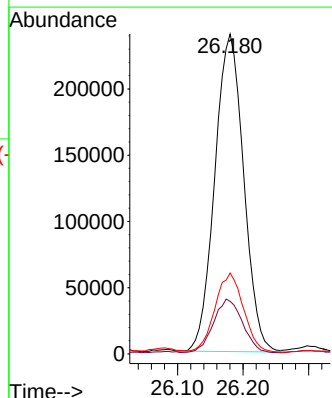
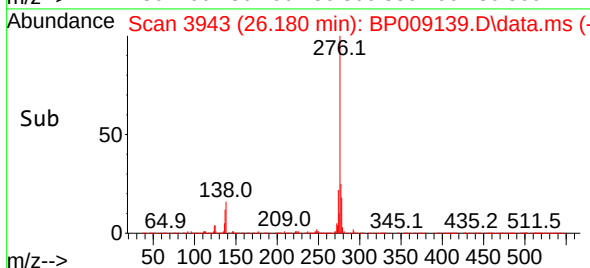
Reviewed By :Jagrut Upadhyay 02/15/2022
Supervised By :Yogesh Patel 02/18/2022

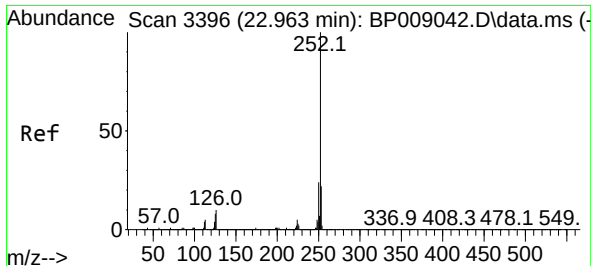


#87
Indeno(1,2,3-cd)pyrene
Concen: 8.012 ng
RT: 26.180 min Scan# 3943
Delta R.T. -0.012 min
Lab File: BP009139.D
Acq: 14 Feb 2022 17:47



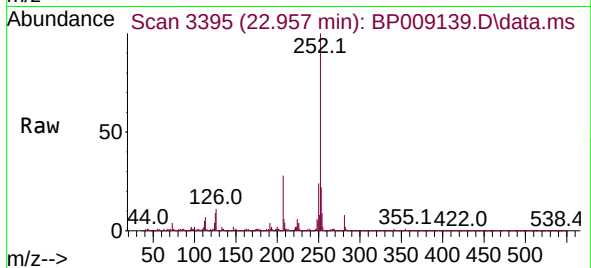
Tgt Ion:276 Resp: 731543
Ion Ratio Lower Upper
276 100
138 17.1 17.8 26.6#
277 24.6 20.4 30.6





#88
Benzo(b)fluoranthene
Concen: 17.642 ng
RT: 22.957 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP009139.D
Acq: 14 Feb 2022 17:47

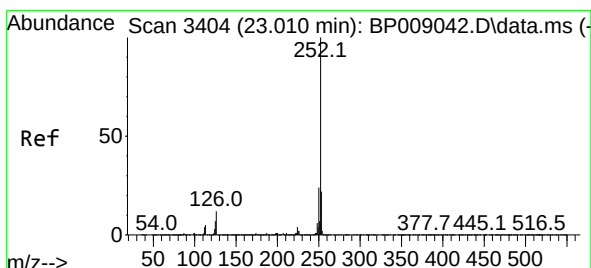
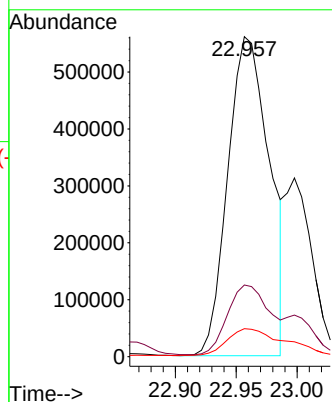
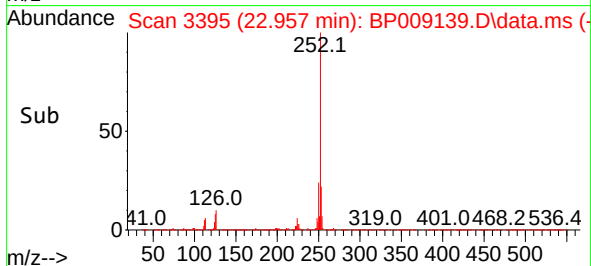
Instrument :
BNA_P
ClientSampleId :
POST-EX-01-0207DL



Tgt Ion:252 Resp: 1334604
Ion Ratio Lower Upper
252 100
253 22.4 18.0 27.0
125 8.8 6.9 10.3

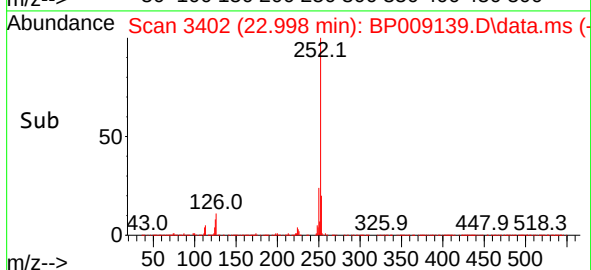
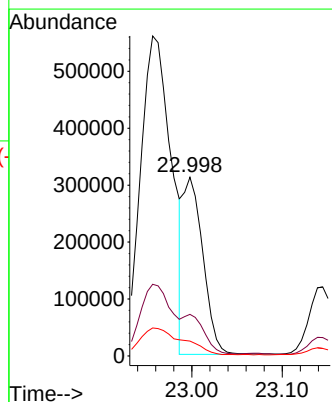
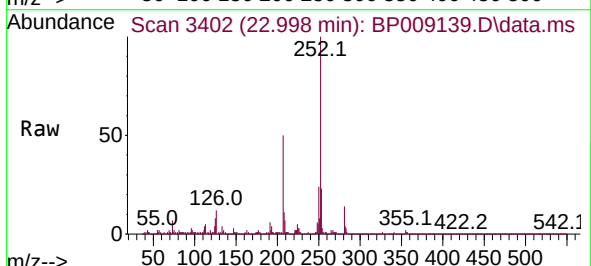
Manual Integrations
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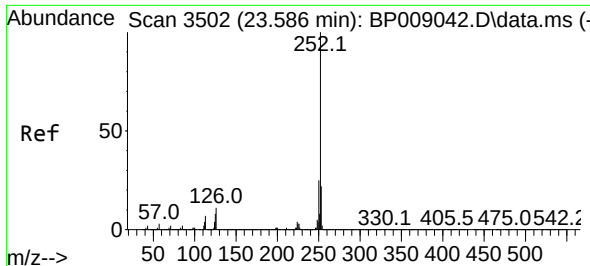
Reviewed By :Jagrut Upadhyay 02/15/2022
Supervised By :Yogesh Patel 02/18/2022



#89
Benzo(k)fluoranthene
Concen: 6.240 ng m
RT: 22.998 min Scan# 3402
Delta R.T. -0.012 min
Lab File: BP009139.D
Acq: 14 Feb 2022 17:47

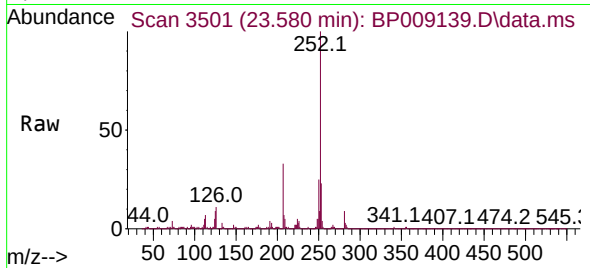
Tgt Ion:252 Resp: 470978
Ion Ratio Lower Upper
252 100
253 23.3 18.2 27.2
125 8.4 7.3 10.9





#90
Benzo(a)pyrene
Concen: 15.984 ng
RT: 23.580 min Scan# 3502
Delta R.T. -0.006 min
Lab File: BP009139.D
Acq: 14 Feb 2022 17:47

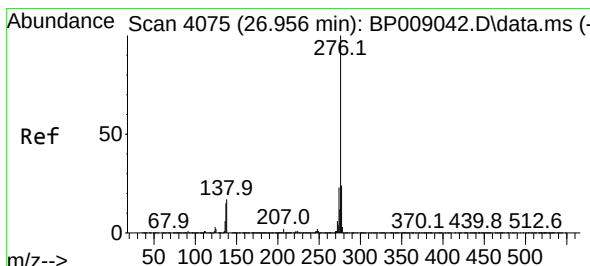
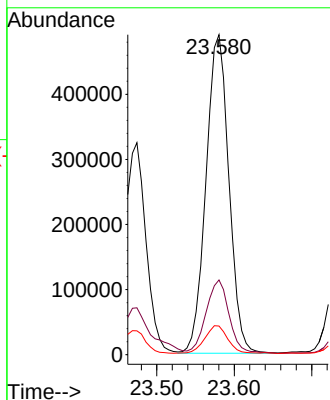
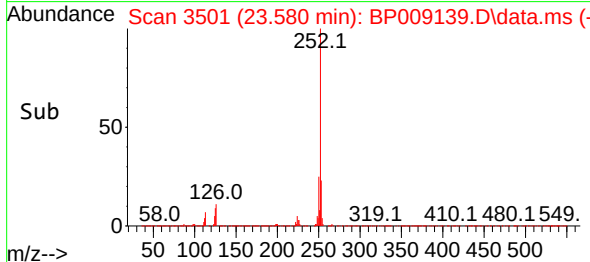
Instrument :
BNA_P
ClientSampleId :
POST-EX-01-0207DL



Tgt Ion: 252 Resp: 1008138
Ion Ratio Lower Upper
252 100
253 23.4 17.8 26.8
125 8.9 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: 8.930 ng
RT: 26.951 min Scan# 4074
Delta R.T. -0.006 min
Lab File: BP009139.D
Acq: 14 Feb 2022 17:47

Tgt Ion: 276 Resp: 667190
Ion Ratio Lower Upper
276 100
277 24.2 19.2 28.8
138 18.2 15.0 22.4

