

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020922\
 Data File : BP009084.D
 Acq On : 09 Feb 2022 18:37
 Operator : CG/JU
 Sample : N1387-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 26601

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/10/2022
 Supervised By : Jagrut Upadhyay 02/11/2022

Quant Time: Feb 10 01:44:52 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	7.805	152	282291	20.000	ng	0.00
21) Naphthalene-d8	10.599	136	1106331	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	642885	20.000	ng	0.02
64) Phenanthrene-d10	17.263	188	661819	20.000	ng	# 0.06
76) Chrysene-d12	21.328	240	1091677	20.000	ng	0.03
86) Perylene-d12	23.716	264	1274723	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	1135184	71.733	ng	0.00
7) Phenol-d6	6.993	99	1465497	70.280	ng	0.00
23) Nitrobenzene-d5	8.963	82	960710	48.971	ng	0.00
42) 2,4,6-Tribromophenol	15.987	330	790273	92.067	ng	0.04
45) 2-Fluorobiphenyl	13.069	172	2627958	57.224	ng	0.00
79) Terphenyl-d14	19.816	244	2090890	34.443	ng	0.05
Target Compounds						Qvalue
32) Benzoic acid	9.987	122	19473m	4.580	ng	
52) Acenaphthene	14.528	154	114741	3.333	ng	# 54
58) Fluorene	15.522	166	195910	4.396	ng	# 14
71) Phenanthrene	17.310	178	1538782	42.940	ng	# 58
72) Anthracene	17.404	178	246801	7.039	ng	# 1
75) Fluoranthene	19.286	202	2199836	54.771	ng	90
78) Pyrene	19.639	202	2193691	28.248	ng	# 94
81) Benzo(a)anthracene	21.316	228	1810323	25.733	ng	99
83) Chrysene	21.363	228	1599983	23.592	ng	96
84) Bis(2-ethylhexyl)phtha...	21.222	149	178785	5.062	ng	# 76
87) Indeno(1,2,3-cd)pyrene	26.216	276	1159146	12.238	ng	# 92
88) Benzo(b)fluoranthene	22.992	252	2361987m	30.099	ng	
89) Benzo(k)fluoranthene	23.033	252	744212m	9.506	ng	
90) Benzo(a)pyrene	23.610	252	1664493	25.441	ng	98
91) Dibenzo(a,h)anthracene	26.216	278	306636	3.940	ng	# 92
92) Benzo(g,h,i)perylene	26.986	276	1098877	14.179	ng	97

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

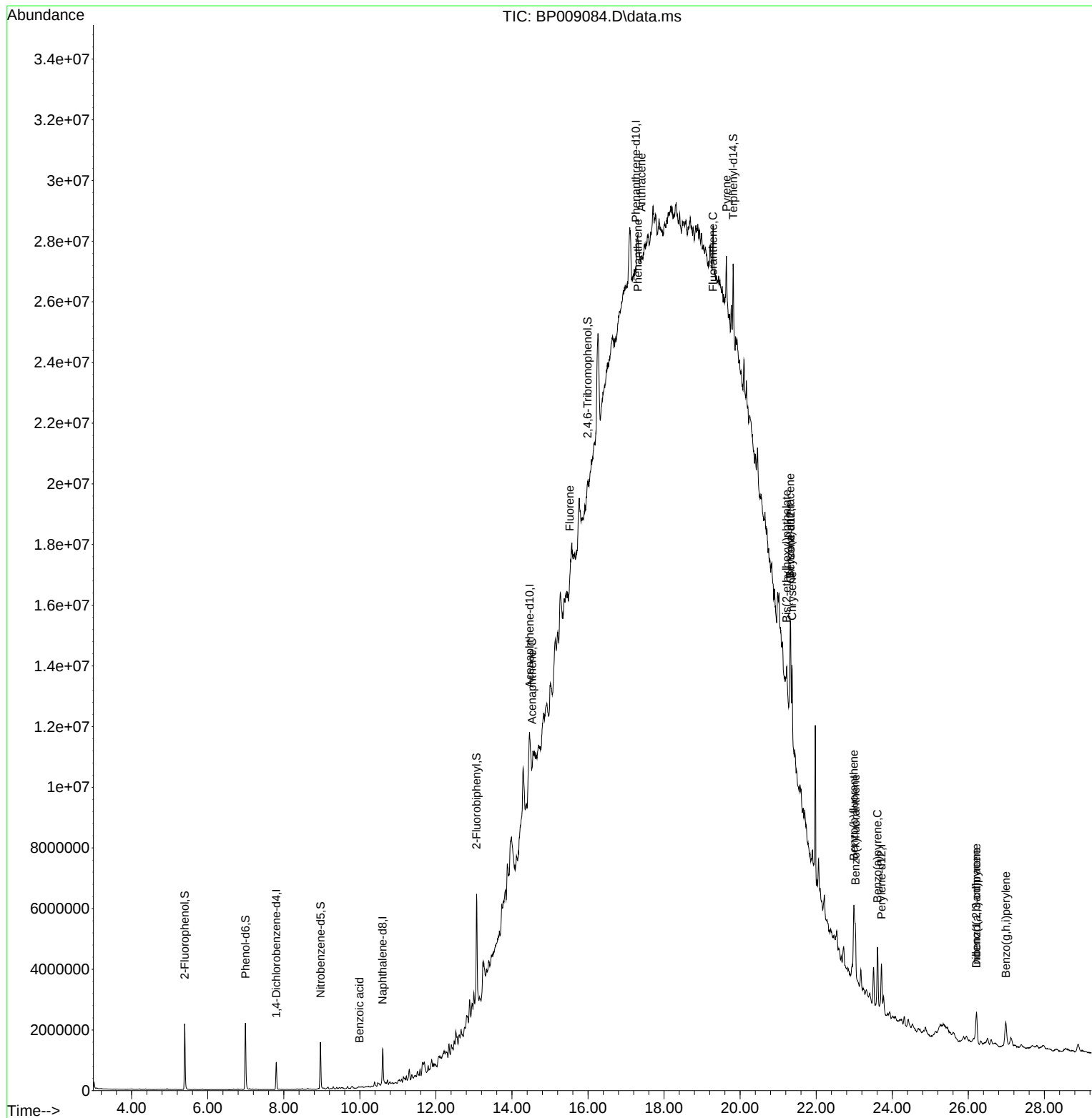
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020922\
Data File : BP009084.D
Acq On : 09 Feb 2022 18:37
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ALS Vial : 14 Sample Multiplier: 1

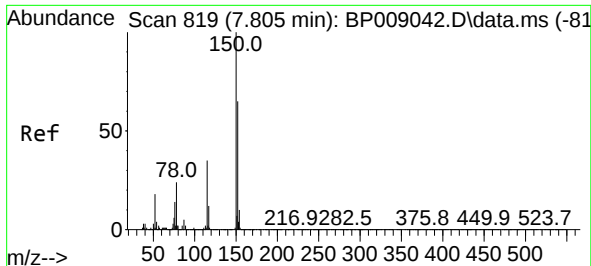
Instrument :
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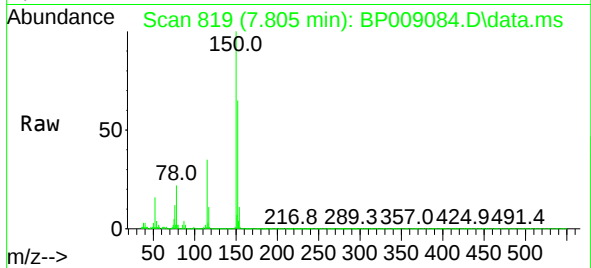
Quant Time: Feb 10 01:44:52 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 07 15:13:17 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.805 min Scan# 819
Delta R.T. -0.000 min
Lab File: BP009084.D
Acq: 09 Feb 2022 18:37

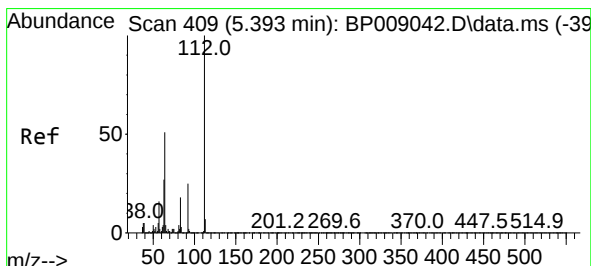
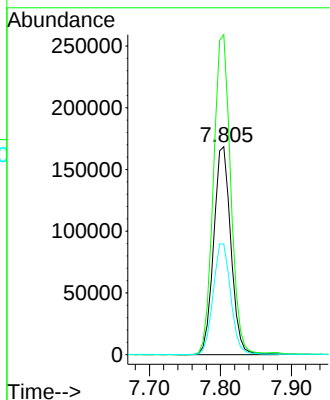
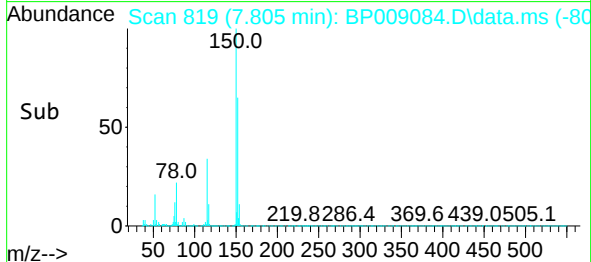
Instrument :
BNA_P
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26601



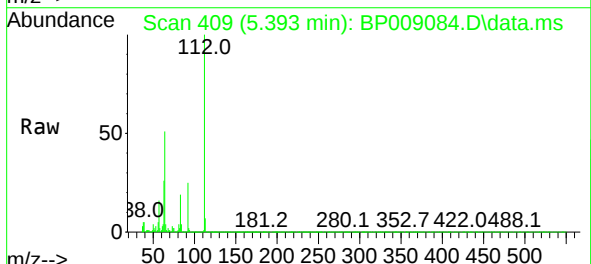
Tgt Ion: 152 Resp: 28229
Ion Ratio Lower Upper
152 100
150 153.8 127.0 190.6
115 53.1 43.7 65.5

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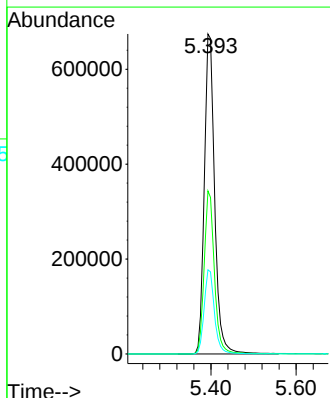
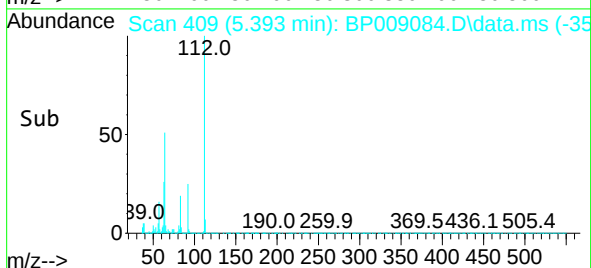
Reviewed By : Christian Giraldo 02/10/2022
Supervised By : Jagrut Upadhyay 02/11/2022

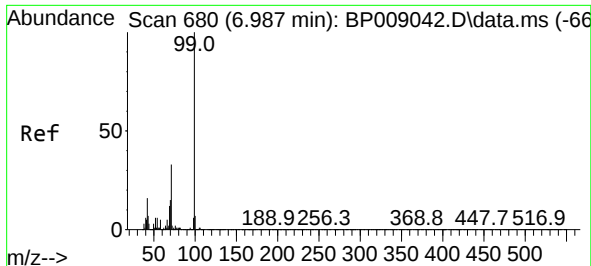


#5
2-Fluorophenol
Concen: 71.733 ng
RT: 5.393 min Scan# 409
Delta R.T. 0.000 min
Lab File: BP009084.D
Acq: 09 Feb 2022 18:37



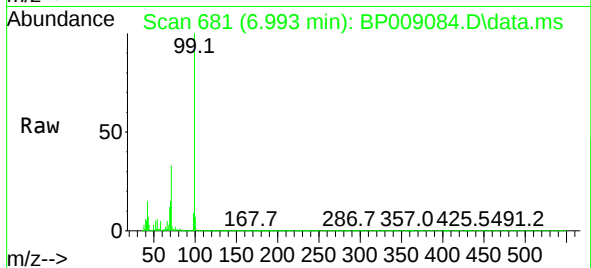
Tgt Ion: 112 Resp: 1135184
Ion Ratio Lower Upper
112 100
64 50.9 39.7 59.5
63 26.3 20.0 30.0





#7
Phenol-d6
Concen: 70.280 ng
RT: 6.993 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP009084.D
Acq: 09 Feb 2022 18:37

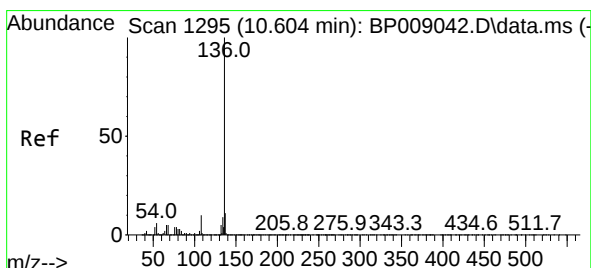
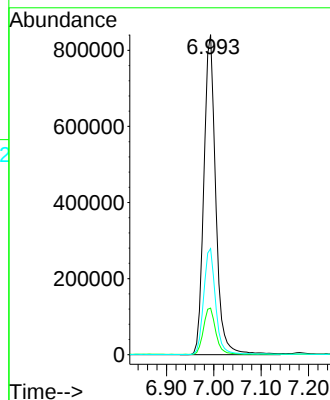
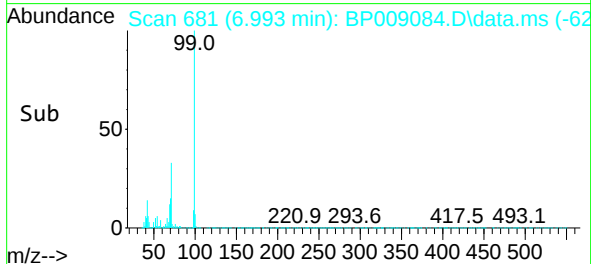
Instrument :
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26601



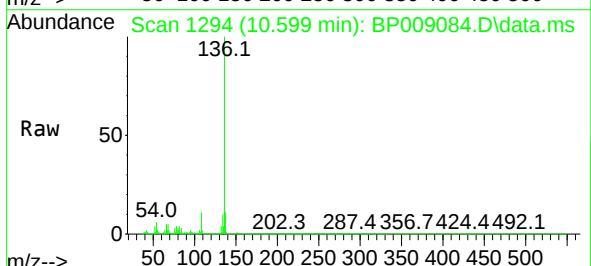
Tgt Ion: 99 Resp: 146549
Ion Ratio Lower Upper
99 100
42 14.6 10.8 16.2
71 33.2 23.8 35.6

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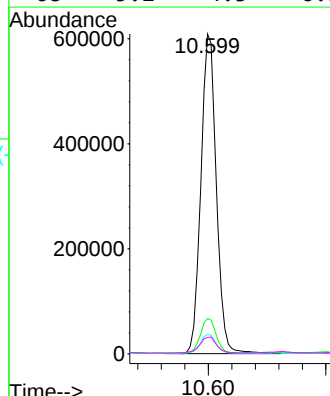
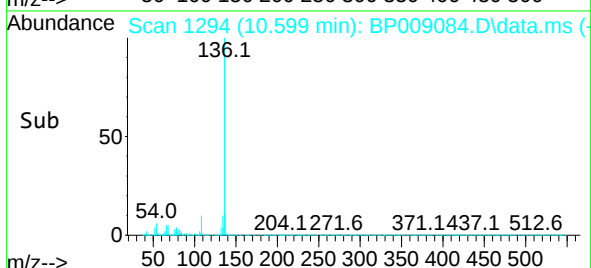
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022

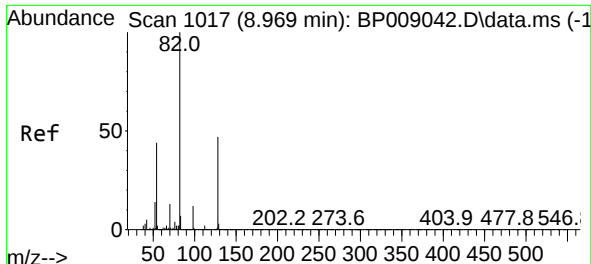


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.599 min Scan# 1294
Delta R.T. -0.005 min
Lab File: BP009084.D
Acq: 09 Feb 2022 18:37



Tgt Ion:136 Resp: 1106331
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 6.1 4.9 7.3
68 5.2 4.3 6.5





#23

Nitrobenzene-d5

Concen: 48.971 ng

RT: 8.963 min Scan# 1190

Delta R.T. -0.006 min

Lab File: BP009084.D

Acq: 09 Feb 2022 18:37

Instrument :

BNA_P

ClientSampleId :

26601

Tgt Ion: 82 Resp: 960710

Ion Ratio Lower Upper

82 100

128 48.2 39.4 59.2

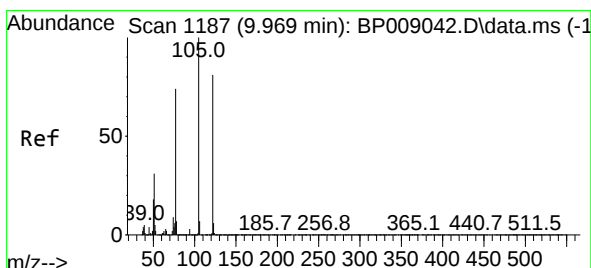
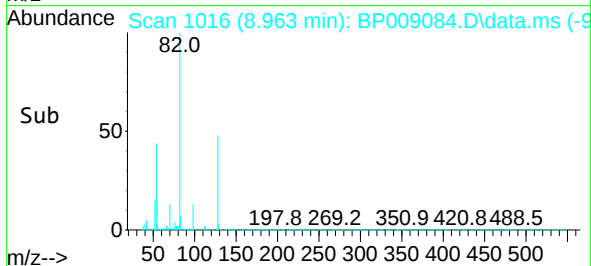
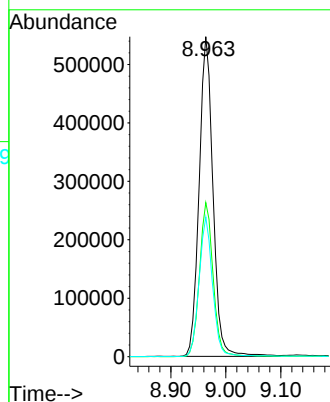
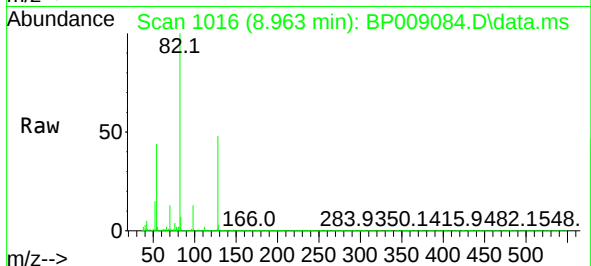
54 43.6 32.6 48.8

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#32

Benzoic acid

Concen: 4.580 ng m

RT: 9.987 min Scan# 1190

Delta R.T. 0.018 min

Lab File: BP009084.D

Acq: 09 Feb 2022 18:37

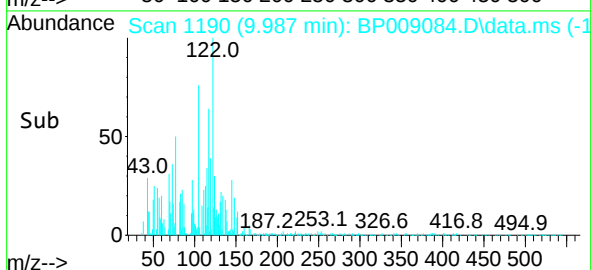
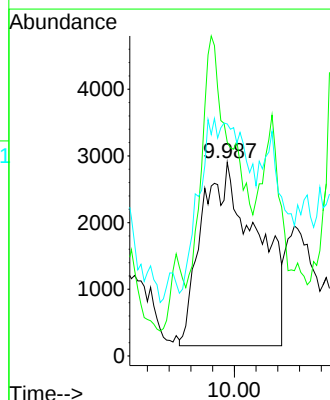
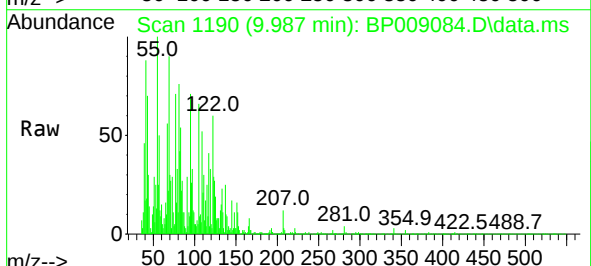
Tgt Ion:122 Resp: 19473

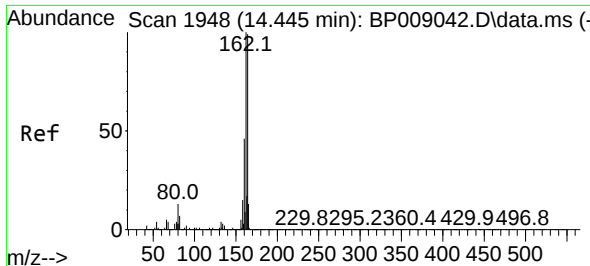
Ion Ratio Lower Upper

122 100

105 110.5 100.1 140.1

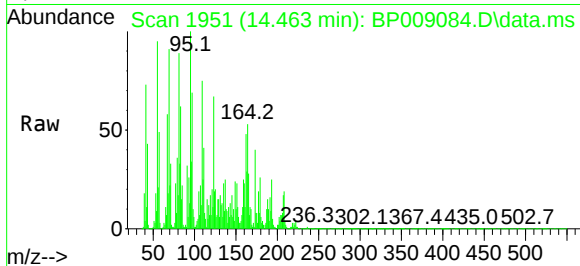
77 119.8 65.5 105.5#





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1948
Delta R.T. 0.018 min
Lab File: BP009084.D
Acq: 09 Feb 2022 18:37

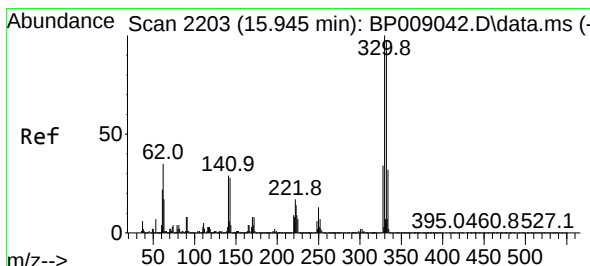
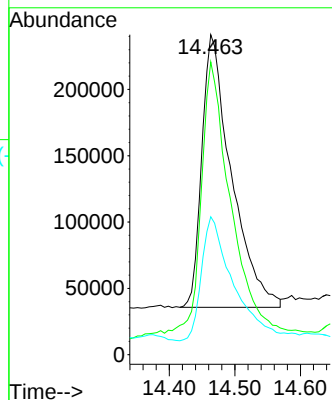
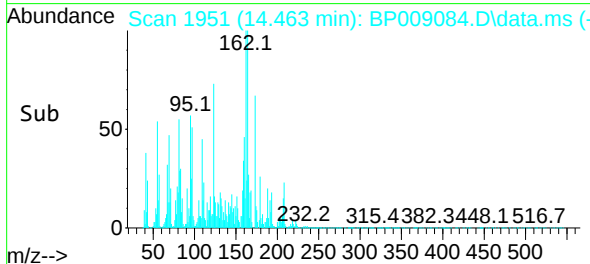
Instrument :
BNA_P
ClientSampleId :
26601



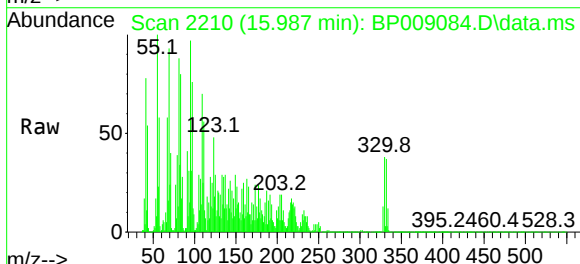
Tgt Ion:164 Resp: 64288
Ion Ratio Lower Upper
164 100
162 91.5 79.9 119.9
160 43.1 35.5 53.3

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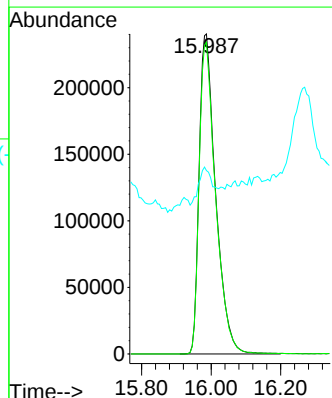
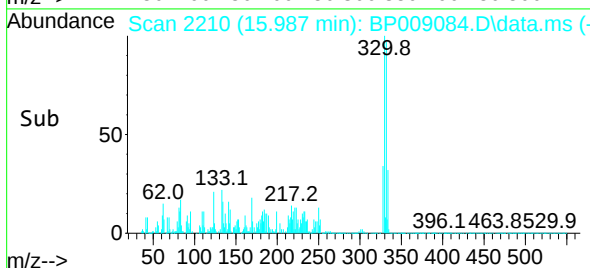
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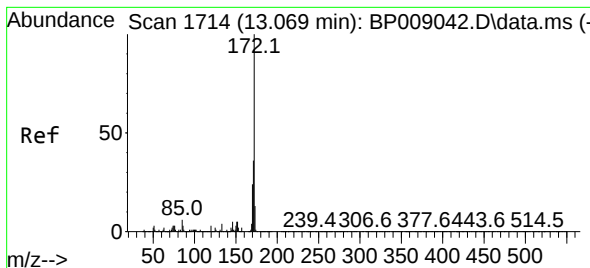


#42
2,4,6-Tribromophenol
Concen: 92.067 ng
RT: 15.987 min Scan# 2210
Delta R.T. 0.041 min
Lab File: BP009084.D
Acq: 09 Feb 2022 18:37



Tgt Ion:330 Resp: 790273
Ion Ratio Lower Upper
330 100
332 97.4 77.0 115.4
141 10.2 21.3 31.9#





#45

2-Fluorobiphenyl

Concen: 57.224 ng

RT: 13.069 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP009084.D

Acq: 09 Feb 2022 18:37

Instrument :

BNA_P

ClientSampleId :

26601

Tgt Ion:172 Resp: 262795

Ion Ratio Lower Upper

172 100

171 35.4 29.3 43.9

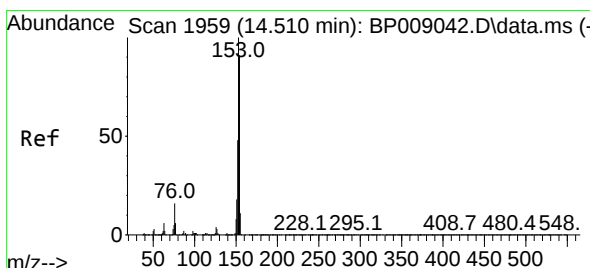
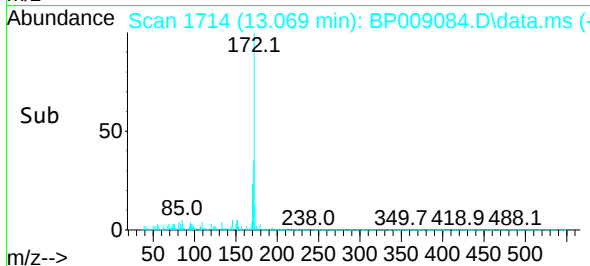
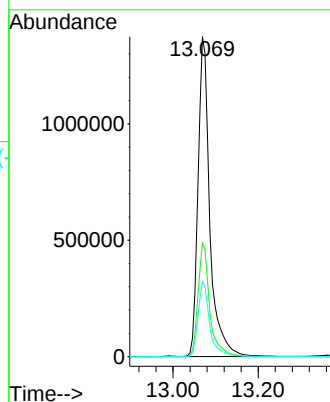
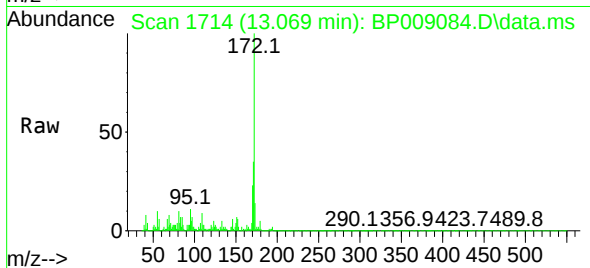
170 23.4 19.5 29.3

Manual Integrations

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#52

Acenaphthene

Concen: 3.333 ng

RT: 14.528 min Scan# 1962

Delta R.T. 0.018 min

Lab File: BP009084.D

Acq: 09 Feb 2022 18:37

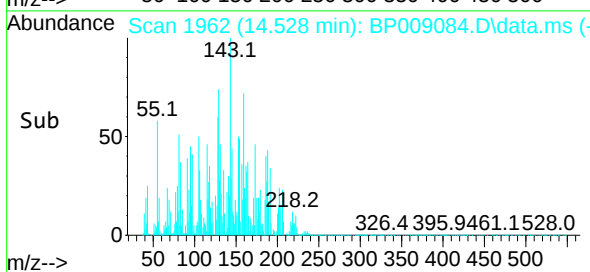
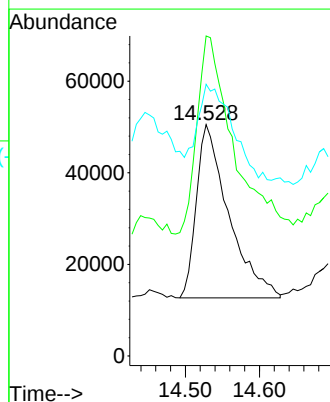
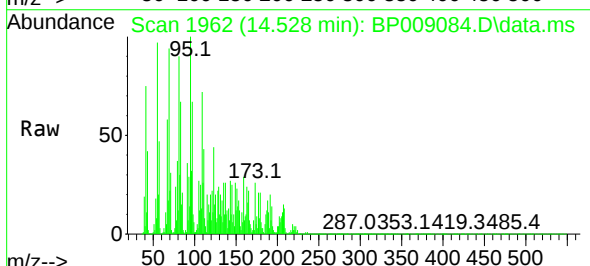
Tgt Ion:154 Resp: 114741

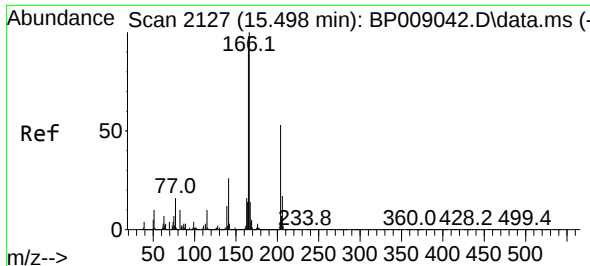
Ion Ratio Lower Upper

154 100

153 138.3 89.4 134.2#

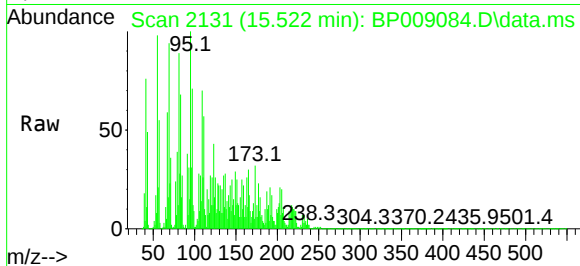
152 117.5 42.6 63.8#





#58
Fluorene
Concen: 4.396 ng
RT: 15.522 min Scan# 2127
Delta R.T. 0.024 min
Lab File: BP009084.D
Acq: 09 Feb 2022 18:37

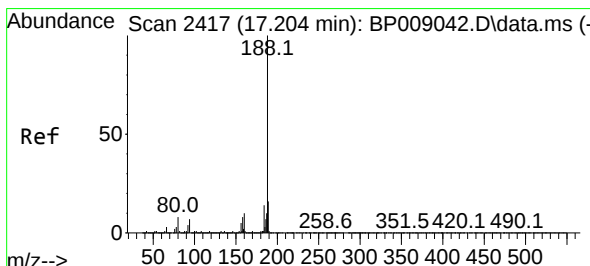
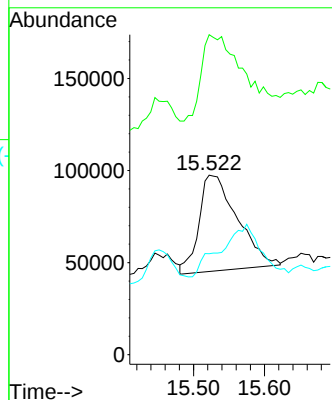
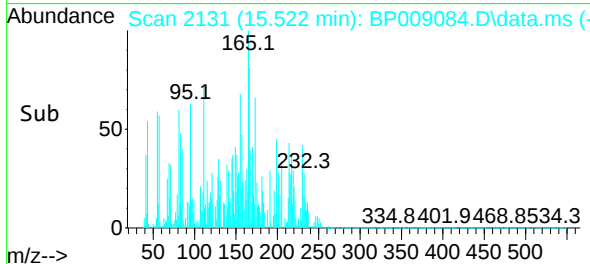
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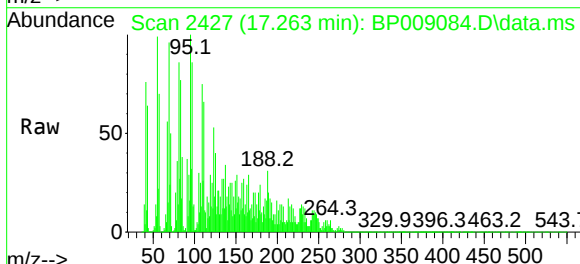
Tgt Ion:166 Resp: 195910
Ion Ratio Lower Upper
166 100
165 178.3 77.2 115.8#
167 56.3 11.2 16.8#

Manual Integrations
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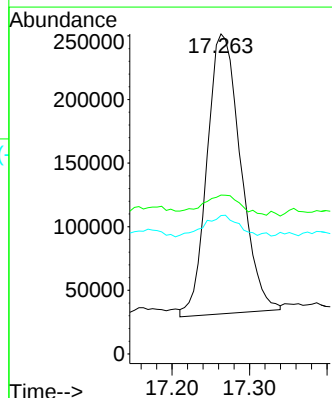
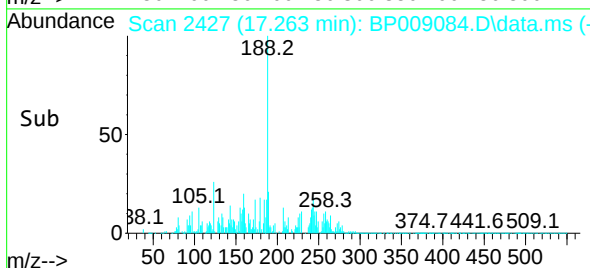
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022

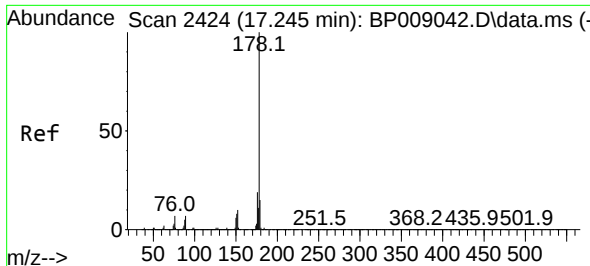


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.263 min Scan# 2427
Delta R.T. 0.059 min
Lab File: BP009084.D
Acq: 09 Feb 2022 18:37



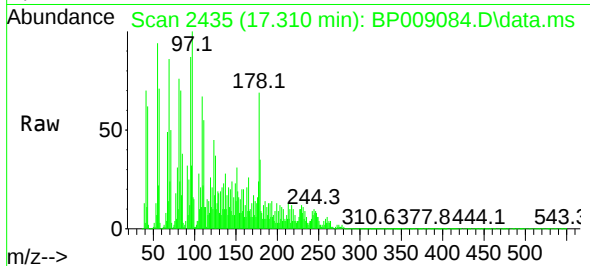
Tgt Ion:188 Resp: 661819
Ion Ratio Lower Upper
188 100
94 49.7 6.8 10.2#
80 43.2 7.2 10.8#





#71
Phenanthrene
Concen: 42.940 ng
RT: 17.310 min Scan# 2424
Delta R.T. 0.065 min
Lab File: BP009084.D
Acq: 09 Feb 2022 18:37

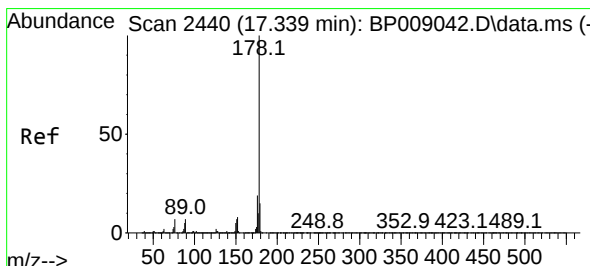
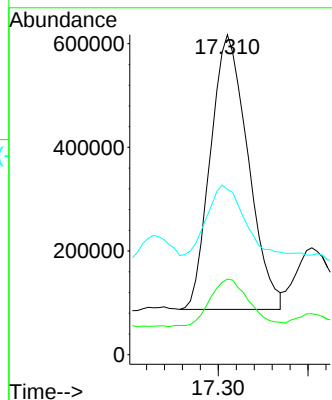
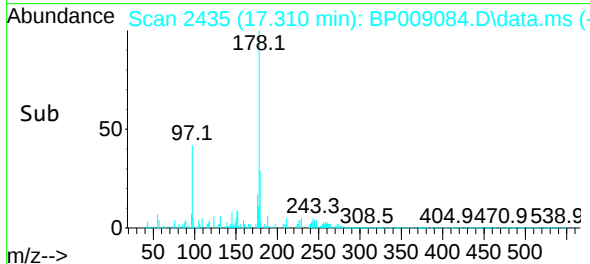
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BNA_P
ClientSampleId :
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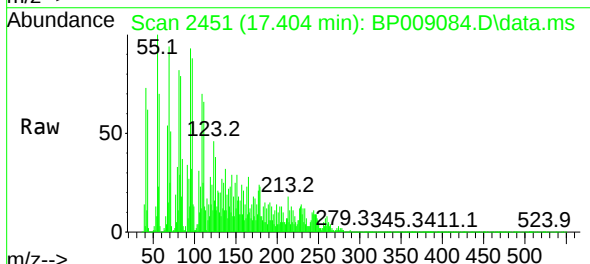
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Ion Ratio Lower Upper
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176 23.6 16.0 24.0
179 51.6 13.0 19.4

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APPROVED

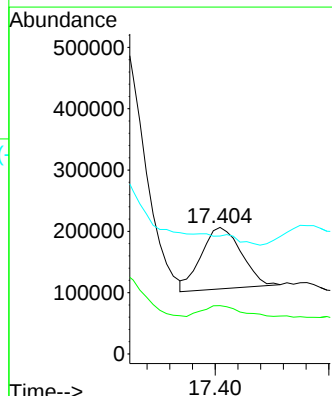
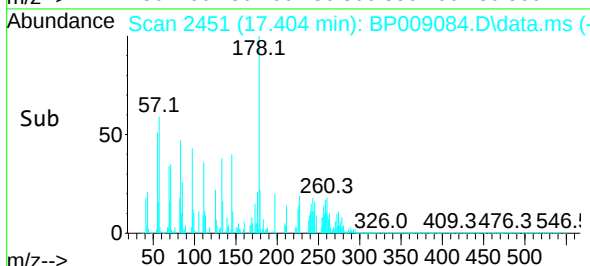
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022

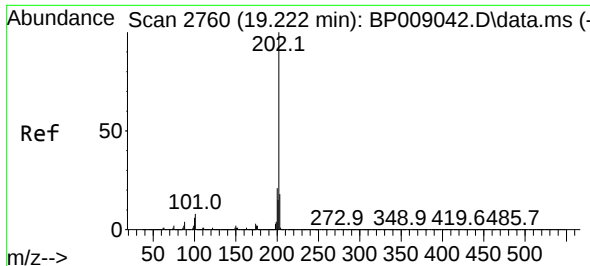


#72
Anthracene
Concen: 7.039 ng
RT: 17.404 min Scan# 2451
Delta R.T. 0.065 min
Lab File: BP009084.D
Acq: 09 Feb 2022 18:37



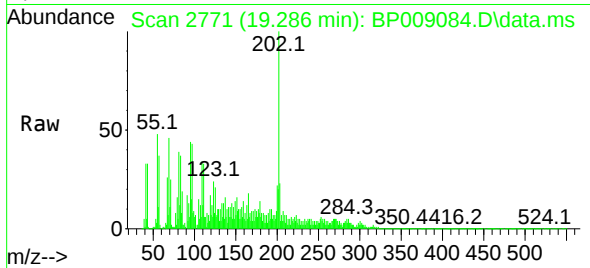
Tgt Ion:178 Resp: 246801
Ion Ratio Lower Upper
178 100
176 38.3 15.1 22.7#
179 93.2 12.8 19.2#





#75
Fluoranthene
Concen: 54.771 ng
RT: 19.286 min Scan# 21
Delta R.T. 0.065 min
Lab File: BP009084.D
Acq: 09 Feb 2022 18:37

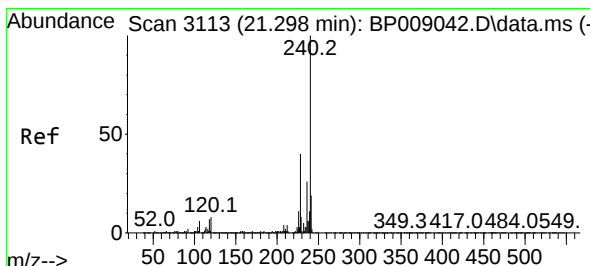
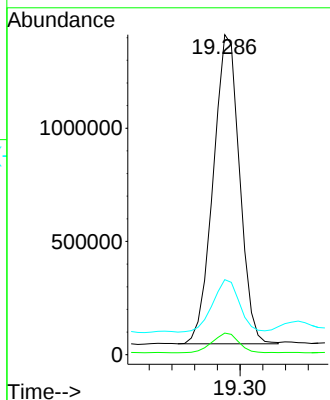
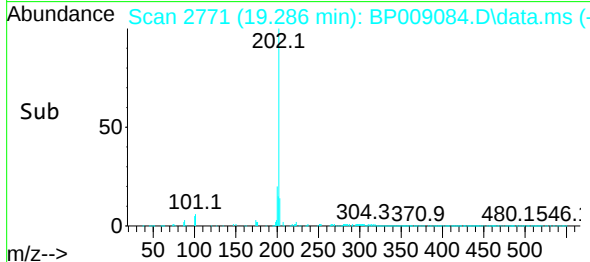
Instrument :
BNA_P
ClientSampleId :
26601



Tgt Ion:202 Resp: 2199830
Ion Ratio Lower Upper
202 100
101 6.8 0.0 30.7
203 23.5 0.0 38.9

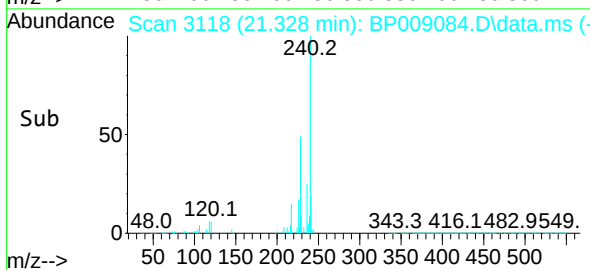
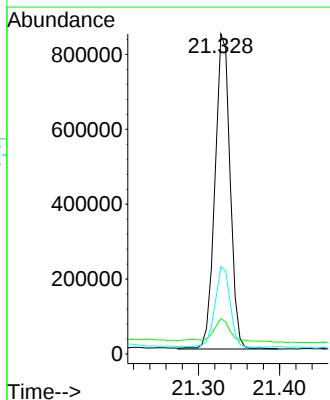
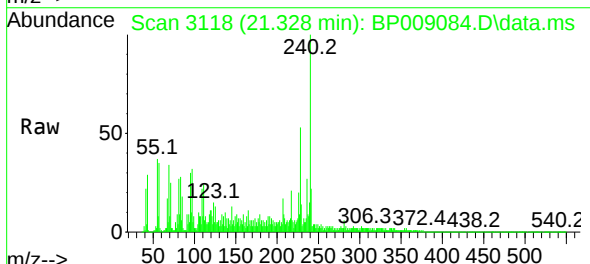
Manual Integrations
APPROVED

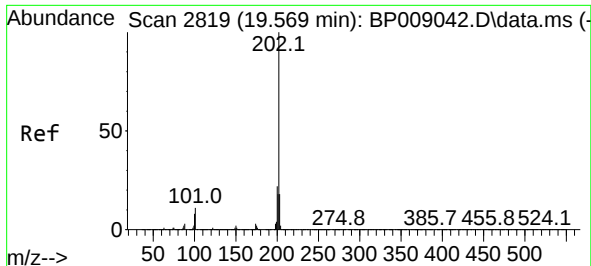
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.328 min Scan# 3118
Delta R.T. 0.030 min
Lab File: BP009084.D
Acq: 09 Feb 2022 18:37

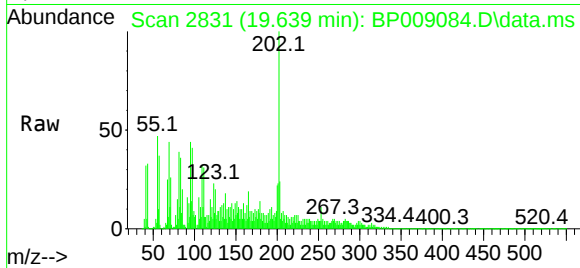
Tgt Ion:240 Resp: 1091677
Ion Ratio Lower Upper
240 100
120 11.1 7.7 11.5
236 27.2 21.2 31.8





#78
Pyrene
Concen: 28.248 ng
RT: 19.639 min Scan# 219369
Delta R.T. 0.071 min
Lab File: BP009084.D
Acq: 09 Feb 2022 18:37

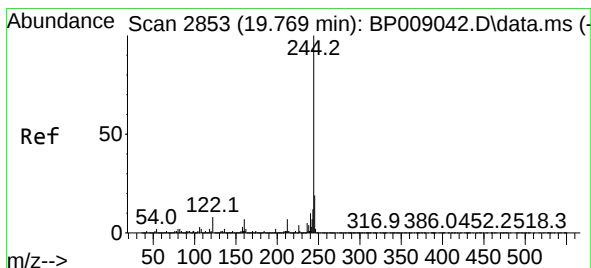
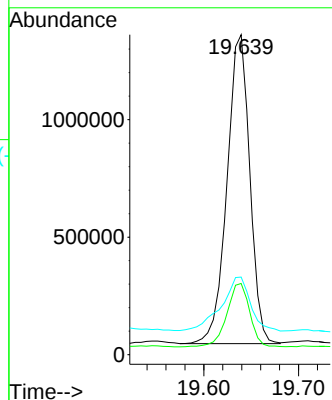
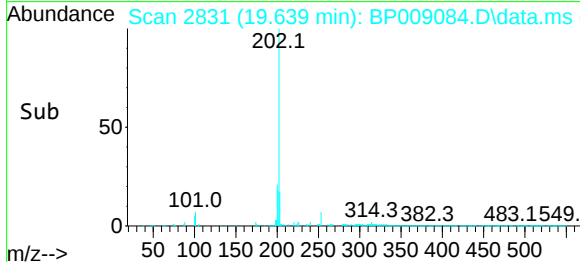
Instrument :
BNA_P
ClientSampleId :
26601



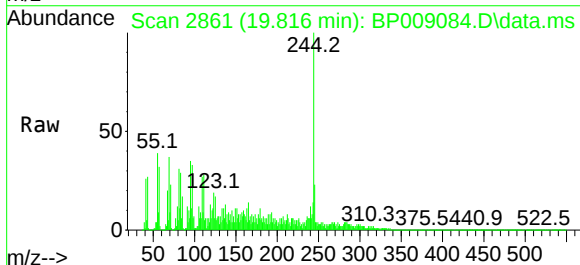
Tgt Ion:202 Resp: 219369
Ion Ratio Lower Upper
202 100
200 22.2 18.0 27.0
203 24.3 15.0 22.6

Manual Integrations
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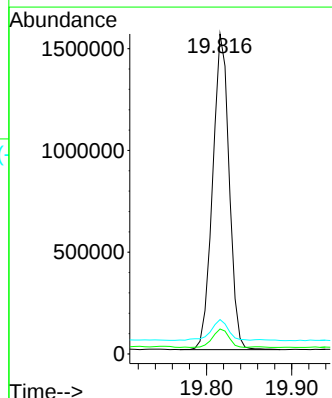
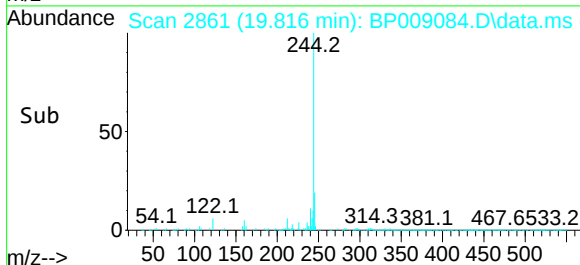
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022

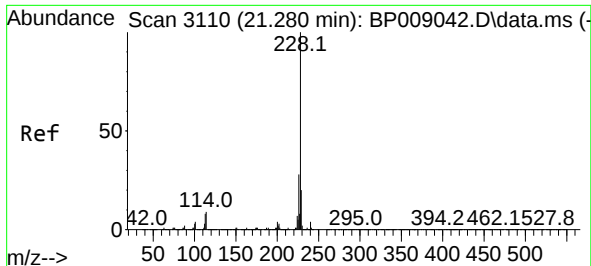


#79
Terphenyl-d14
Concen: 34.443 ng
RT: 19.816 min Scan# 2861
Delta R.T. 0.047 min
Lab File: BP009084.D
Acq: 09 Feb 2022 18:37



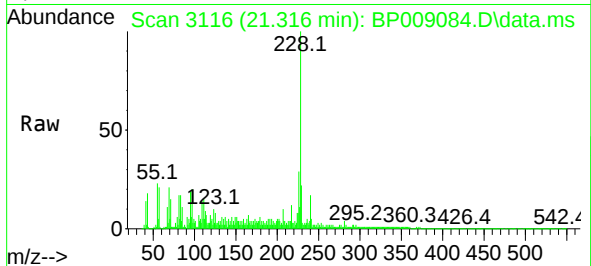
Tgt Ion:244 Resp: 2090890
Ion Ratio Lower Upper
244 100
212 7.8 6.5 9.7
122 10.8 9.2 13.8





#81
Benzo(a)anthracene
Concen: 25.733 ng
RT: 21.316 min Scan# 3116
Delta R.T. 0.035 min
Lab File: BP009084.D
Acq: 09 Feb 2022 18:37

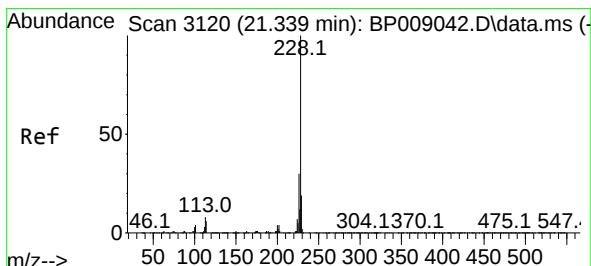
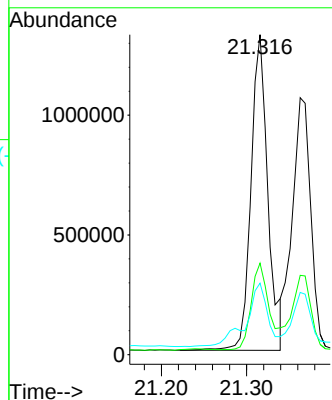
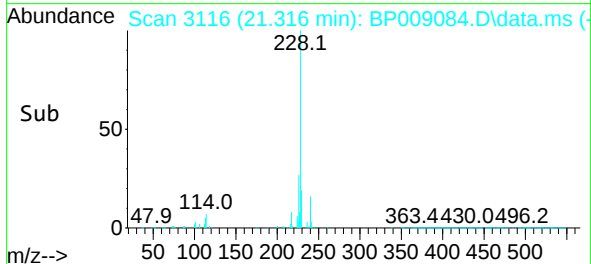
Instrument :
BNA_P
ClientSampleId :
26601



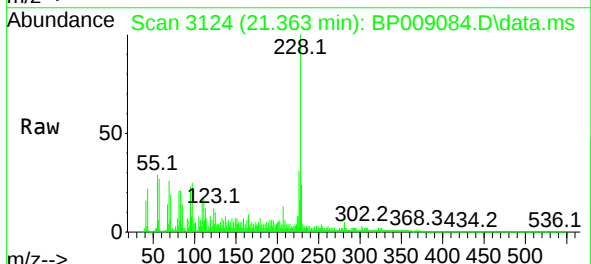
Tgt Ion:228 Resp: 181032
Ion Ratio Lower Upper
228 100
226 28.6 23.3 34.9
229 22.4 17.0 25.6

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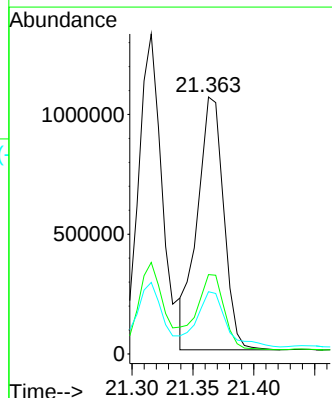
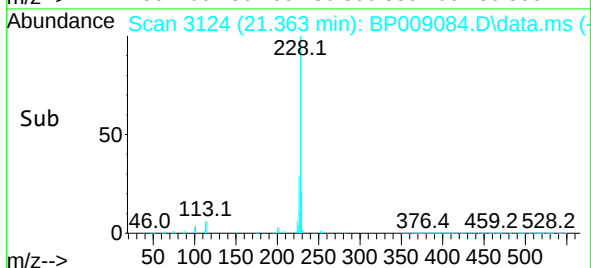
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022

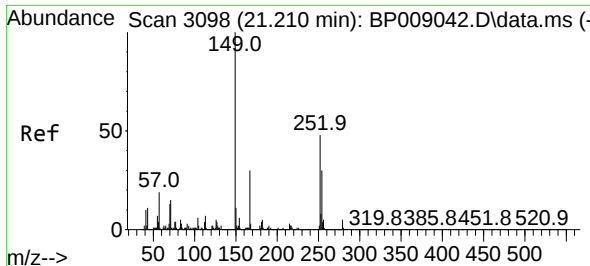


#83
Chrysene
Concen: 23.592 ng
RT: 21.363 min Scan# 3124
Delta R.T. 0.024 min
Lab File: BP009084.D
Acq: 09 Feb 2022 18:37



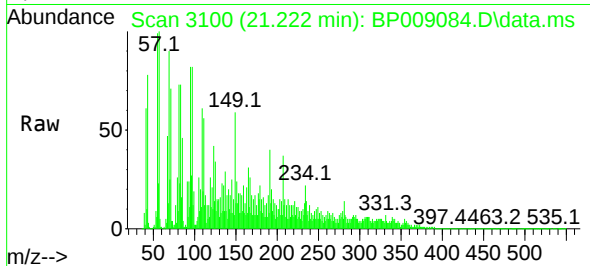
Tgt Ion:228 Resp: 1599983
Ion Ratio Lower Upper
228 100
226 30.9 26.0 39.0
229 24.2 16.9 25.3





#84
Bis(2-ethylhexyl)phthalate
Concen: 5.062 ng
RT: 21.222 min Scan# 3100
Delta R.T. 0.012 min
Lab File: BP009084.D
Acq: 09 Feb 2022 18:37

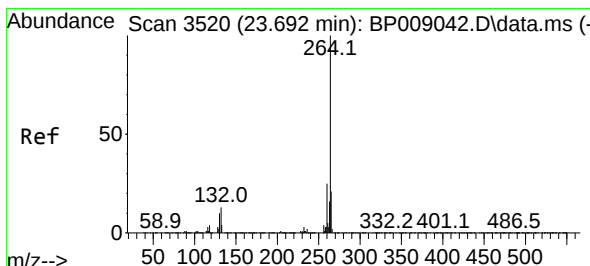
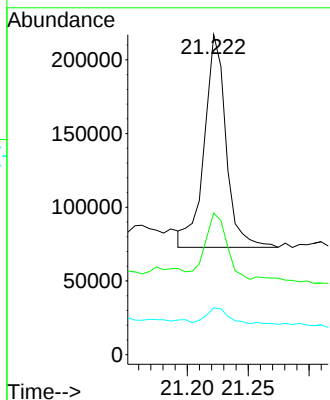
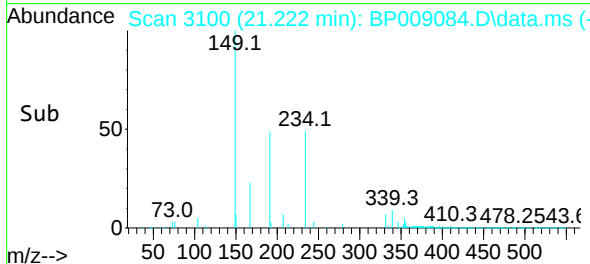
Instrument :
BNA_P
ClientSampleId :
26601



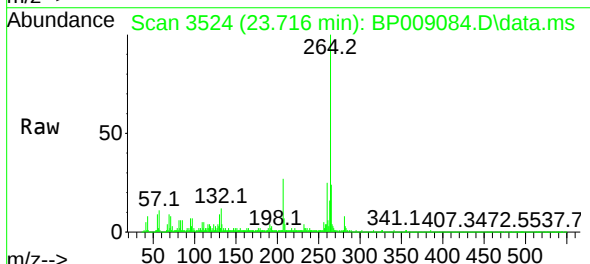
Tgt Ion:149 Resp: 178785
Ion Ratio Lower Upper
149 100
167 44.3 25.0 37.4
279 14.7 4.8 7.2

Manual Integrations
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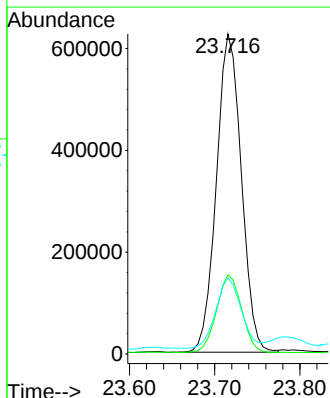
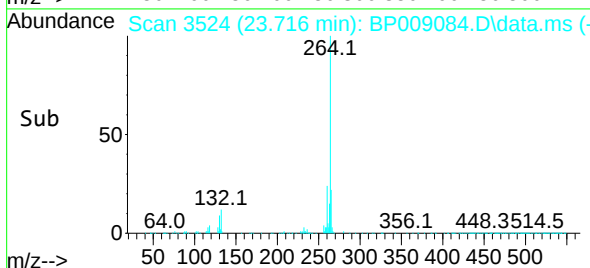
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022

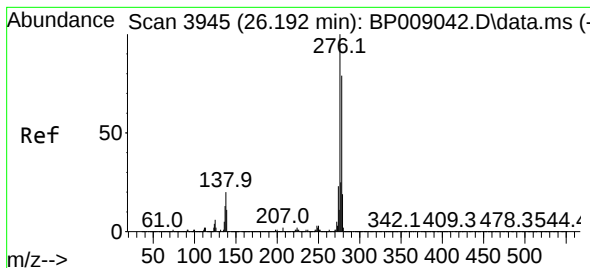


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.716 min Scan# 3524
Delta R.T. 0.024 min
Lab File: BP009084.D
Acq: 09 Feb 2022 18:37



Tgt Ion:264 Resp: 1274723
Ion Ratio Lower Upper
264 100
260 24.7 19.1 28.7
265 23.7 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 12.238 ng

RT: 26.216 min Scan# 3401

Delta R.T. 0.024 min

Lab File: BP009084.D

Acq: 09 Feb 2022 18:37

Instrument :

BNA_P

ClientSampleId :

26601

Tgt Ion:276 Resp: 115914

Ion Ratio Lower Upper

276 100

138 14.5 17.8 26.6

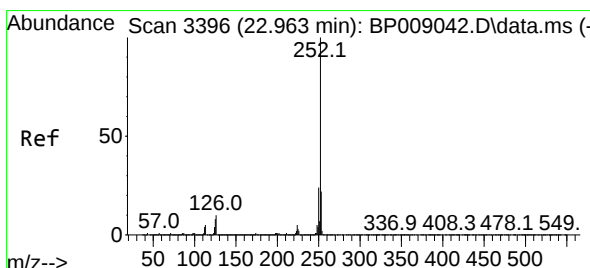
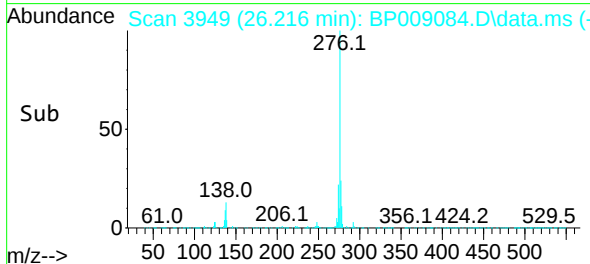
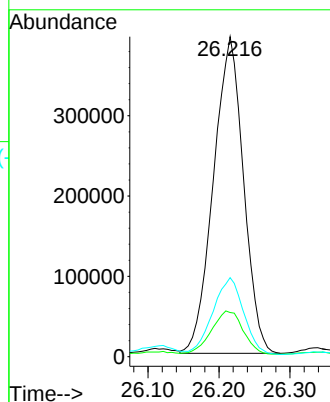
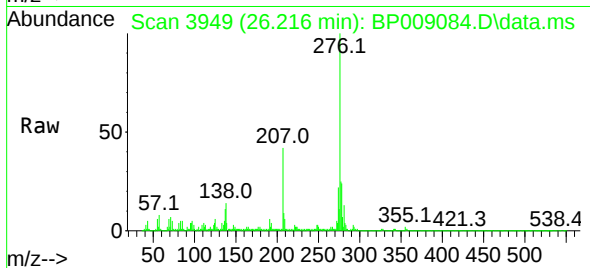
277 24.8 20.4 30.6

Manual Integrations

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Reviewed By :Christian Giraldo 02/10/2022

Supervised By :Jagrut Upadhyay 02/11/2022



#88

Benzo(b)fluoranthene

Concen: 30.099 ng m

RT: 22.992 min Scan# 3401

Delta R.T. 0.030 min

Lab File: BP009084.D

Acq: 09 Feb 2022 18:37

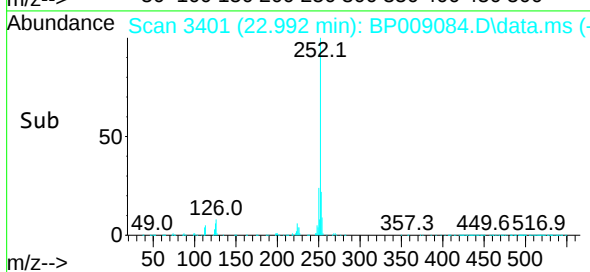
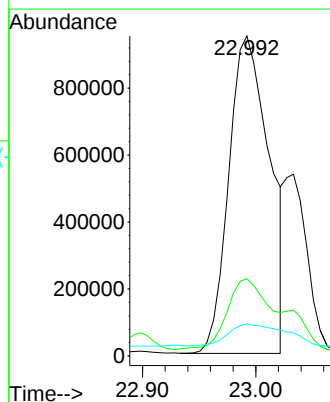
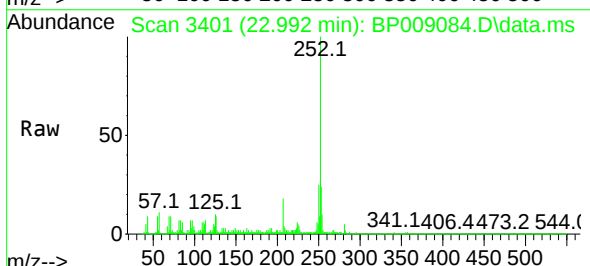
Tgt Ion:252 Resp: 2361987

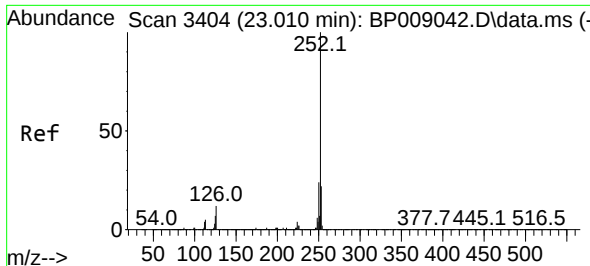
Ion Ratio Lower Upper

252 100

253 24.1 18.0 27.0

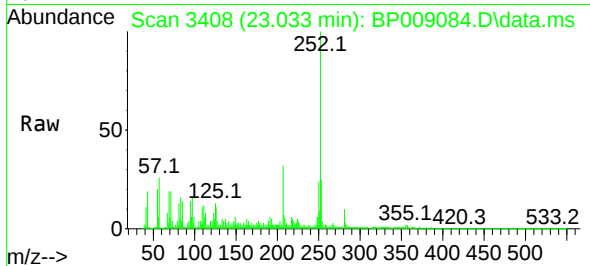
125 10.1 6.9 10.3





#89
Benzo(k)fluoranthene
Concen: 9.506 ng m
RT: 23.033 min Scan# 3404
Delta R.T. 0.024 min
Lab File: BP009084.D
Acq: 09 Feb 2022 18:37

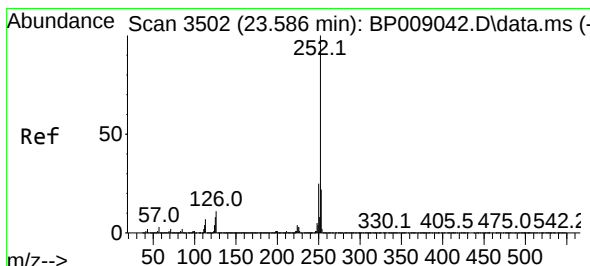
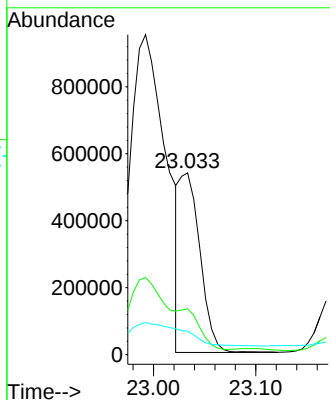
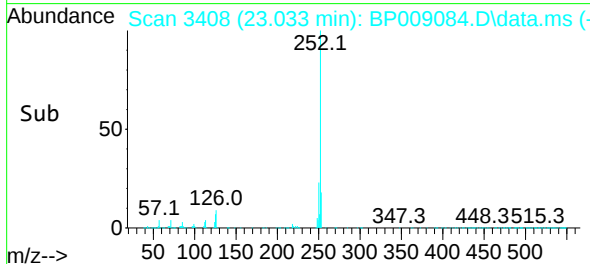
Instrument :
BNA_P
ClientSampleId :
26601



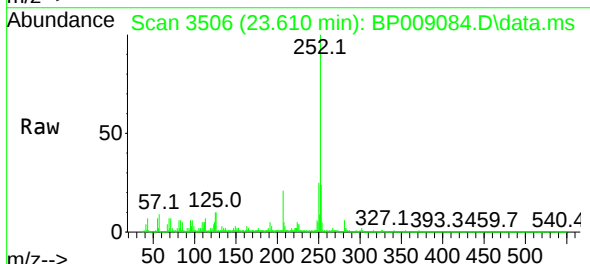
Tgt Ion:252 Resp: 744212
Ion Ratio Lower Upper
252 100
253 25.2 18.2 27.2
125 12.9 7.3 10.9

Manual Integrations
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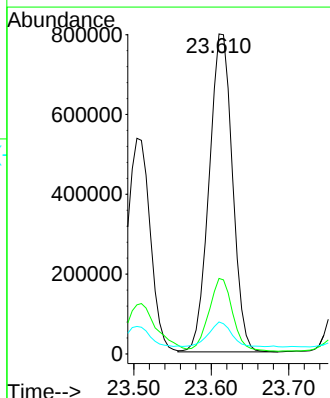
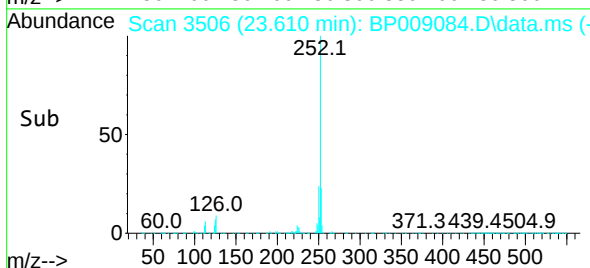
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022

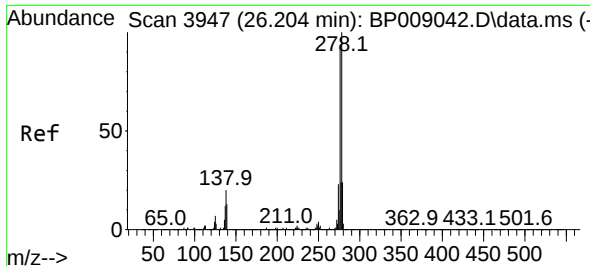


#90
Benzo(a)pyrene
Concen: 25.441 ng
RT: 23.610 min Scan# 3506
Delta R.T. 0.024 min
Lab File: BP009084.D
Acq: 09 Feb 2022 18:37



Tgt Ion:252 Resp: 1664493
Ion Ratio Lower Upper
252 100
253 23.6 17.8 26.8
125 10.0 7.8 11.6





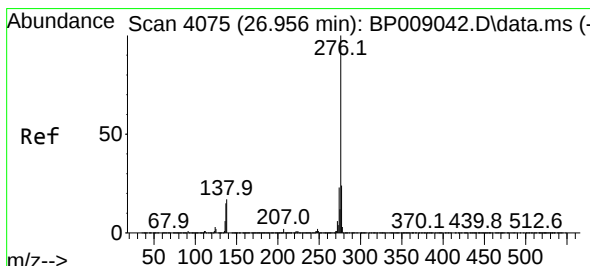
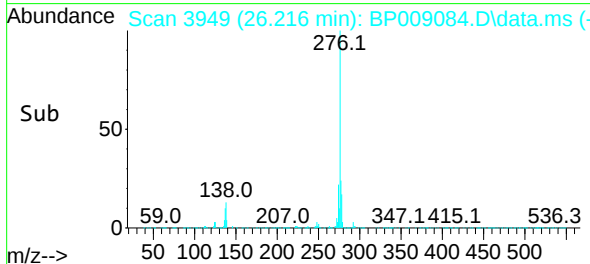
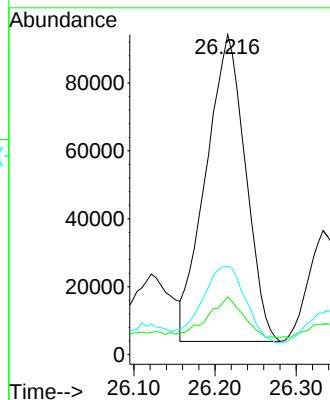
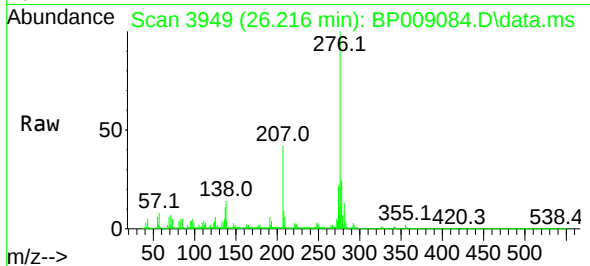
#91
Dibenzo(a,h)anthracene
Concen: 3.940 ng
RT: 26.216 min Scan# 3947
Delta R.T. 0.012 min
Lab File: BP009084.D
Acq: 09 Feb 2022 18:37

Instrument :
BNA_P
ClientSampleId :
26601

Tgt Ion:278 Resp: 306630
Ion Ratio Lower Upper
278 100
139 18.1 11.5 17.3
279 27.6 19.1 28.7

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022



#92
Benzo(g,h,i)perylene
Concen: 14.179 ng
RT: 26.986 min Scan# 4080
Delta R.T. 0.030 min
Lab File: BP009084.D
Acq: 09 Feb 2022 18:37

Tgt Ion:276 Resp: 1098877
Ion Ratio Lower Upper
276 100
277 24.7 19.2 28.8
138 16.0 15.0 22.4

