

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020922\
 Data File : BP009087.D
 Acq On : 09 Feb 2022 20:18
 Operator : CG/JU
 Sample : N1387-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 26516

Manual Integrations
 APPROVED

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

Quant Time: Feb 10 01:46:07 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	279166	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	1064674	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	646820	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	1065358	20.000	ng	0.00
76) Chrysene-d12	21.304	240	1022840	20.000	ng	0.00
86) Perylene-d12	23.704	264	1176333	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	1508218	96.372	ng	0.00
7) Phenol-d6	6.999	99	1851612	89.790	ng	0.01
23) Nitrobenzene-d5	8.963	82	1169332	61.937	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	845944	97.953	ng	0.00
45) 2-Fluorobiphenyl	13.069	172	3244068	70.210	ng	0.00
79) Terphenyl-d14	19.769	244	3383148	59.482	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.022	94	46421	2.239	ng	# 65
32) Benzoic acid	9.951	122	6845m	3.384	ng	
71) Phenanthrene	17.251	178	1159403	20.099	ng	98
72) Anthracene	17.339	178	372071	6.593	ng	100
73) Carbazole	17.622	167	152218	2.814	ng	99
75) Fluoranthene	19.222	202	3052975	47.220	ng	96
78) Pyrene	19.575	202	2640967	36.296	ng	98
81) Benzo(a)anthracene	21.286	228	1525290	23.141	ng	99
83) Chrysene	21.339	228	1842936	29.003	ng	97
84) Bis(2-ethylhexyl)phtha...	21.210	149	194583	5.880	ng	98
87) Indeno(1,2,3-cd)pyrene	26.215	276	1338517	15.314	ng	# 92
88) Benzo(b)fluoranthene	22.980	252	2778455m	38.368	ng	
89) Benzo(k)fluoranthene	23.021	252	790449m	10.941	ng	
90) Benzo(a)pyrene	23.604	252	1573516	26.062	ng	96
91) Dibenzo(a,h)anthracene	26.221	278	358342	4.989	ng	# 92
92) Benzo(g,h,i)perylene	26.986	276	1313866	18.372	ng	96

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

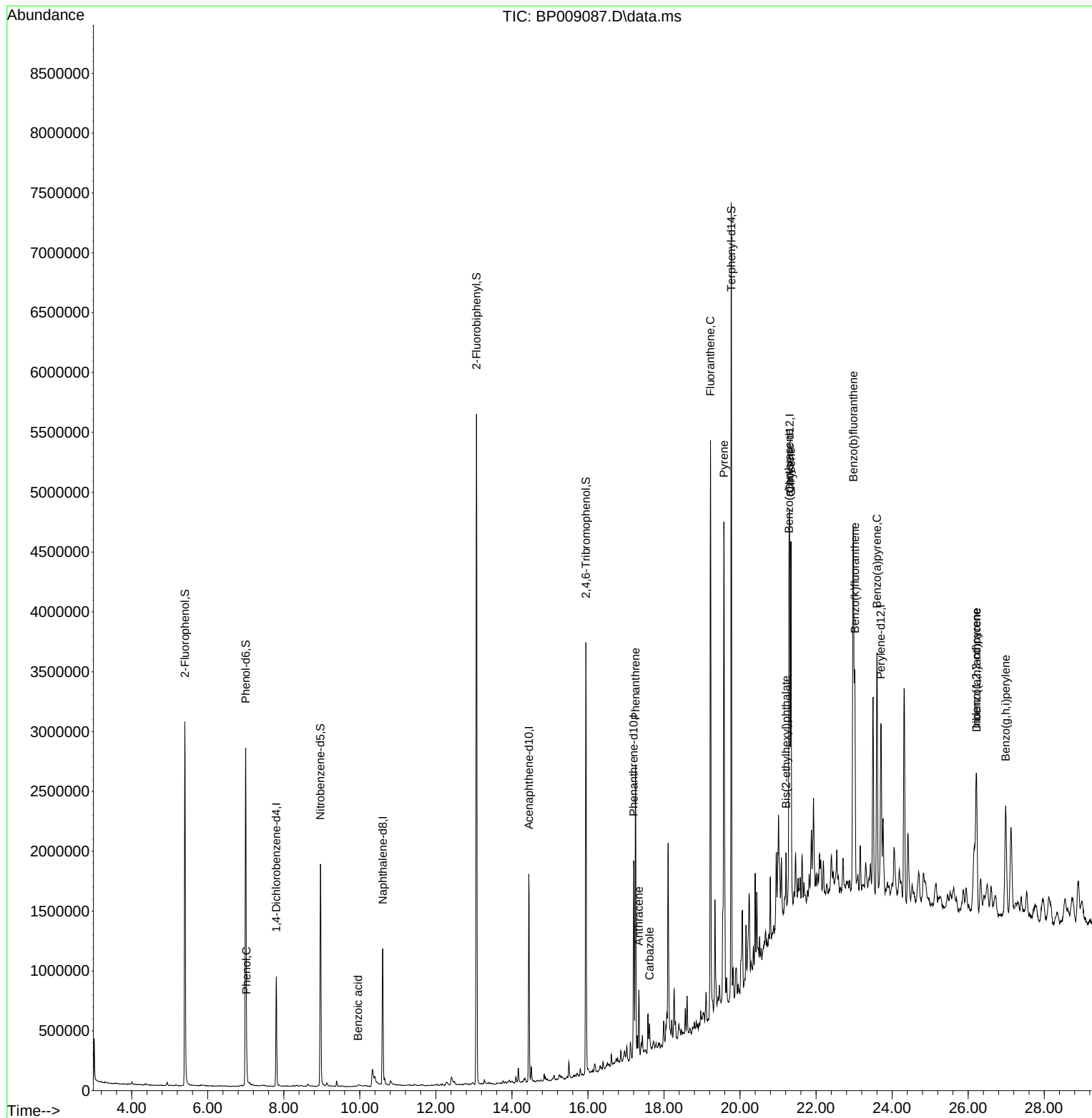
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020922\
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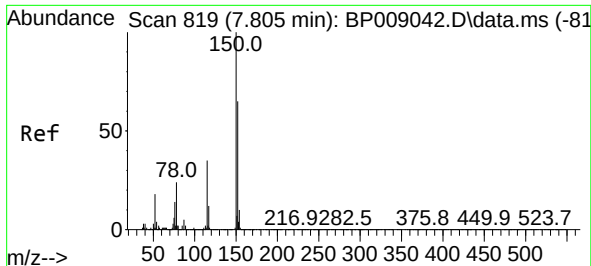
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Quant Time: Feb 10 01:46:07 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
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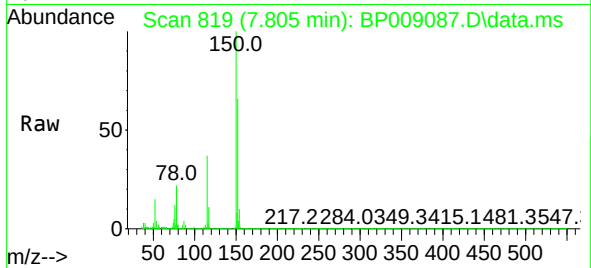
Reviewed By : Christian Giraldo 02/10/2022
Supervised By : Jagrut Upadhyay 02/11/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.805 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP009087.D
Acq: 09 Feb 2022 20:18

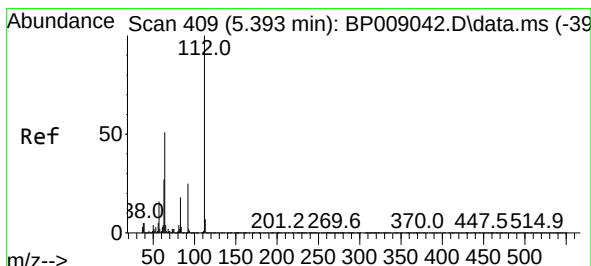
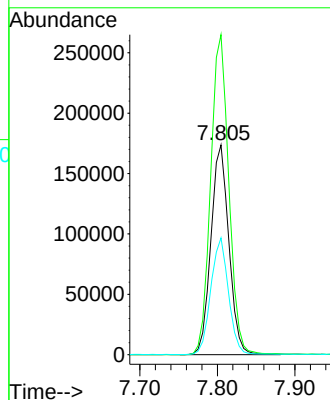
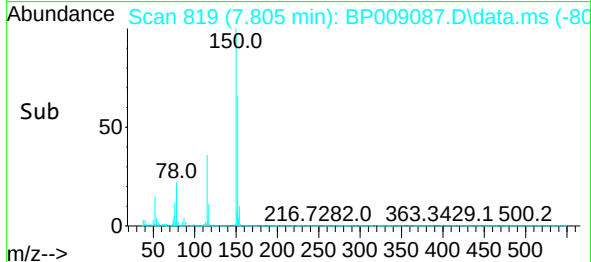
Instrument :
BNA_P
ClientSampleId :
26516



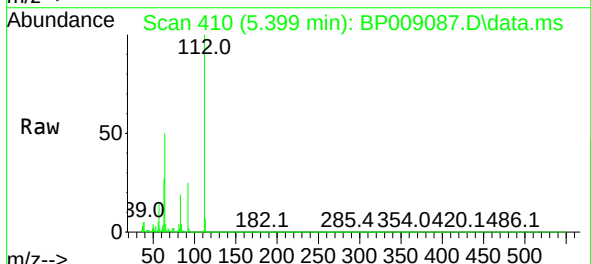
Tgt Ion:152 Resp: 27916
Ion Ratio Lower Upper
152 100
150 152.5 127.0 190.6
115 55.7 43.7 65.5

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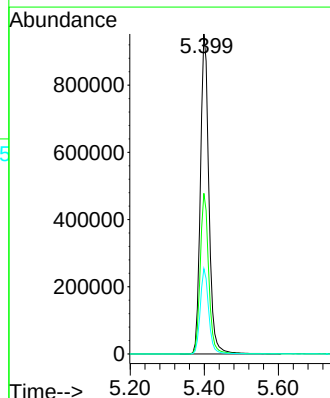
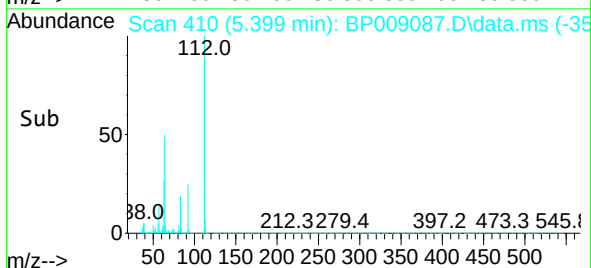
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022

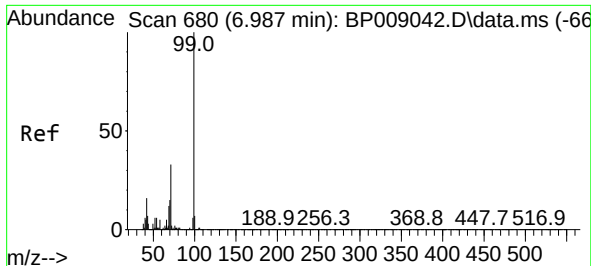


#5
2-Fluorophenol
Concen: 96.372 ng
RT: 5.399 min Scan# 410
Delta R.T. 0.006 min
Lab File: BP009087.D
Acq: 09 Feb 2022 20:18



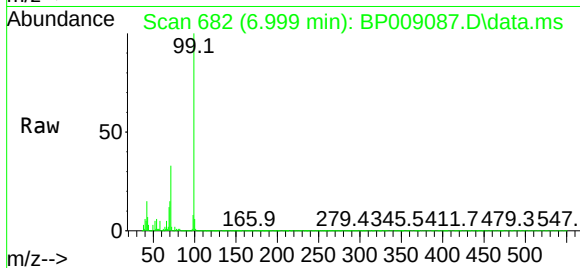
Tgt Ion:112 Resp: 1508218
Ion Ratio Lower Upper
112 100
64 50.2 39.7 59.5
63 26.7 20.0 30.0





#7
Phenol-d6
Concen: 89.790 ng
RT: 6.999 min Scan# 681
Delta R.T. 0.012 min
Lab File: BP009087.D
Acq: 09 Feb 2022 20:18

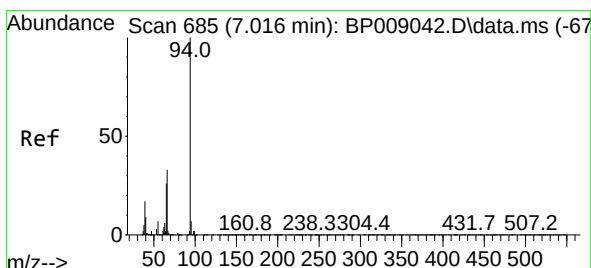
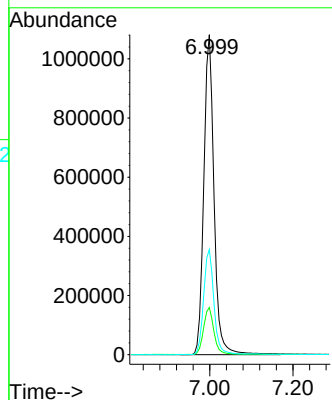
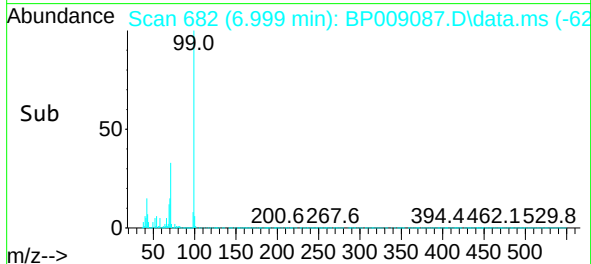
Instrument :
BNA_P
ClientSampleId :
26516



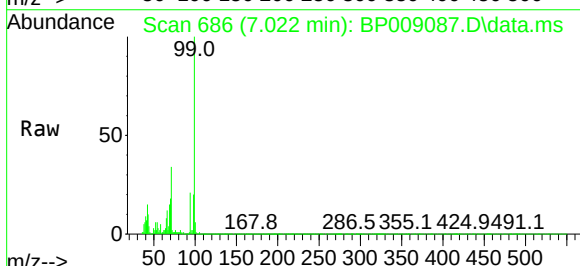
Tgt Ion: 99 Resp: 185161
Ion Ratio Lower Upper
99 100
42 14.8 10.8 16.2
71 32.9 23.8 35.6

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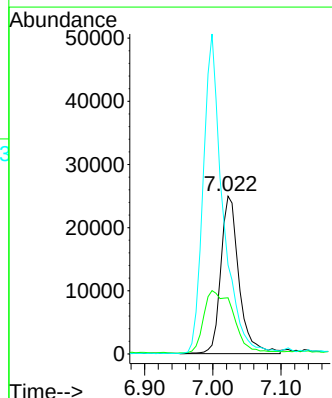
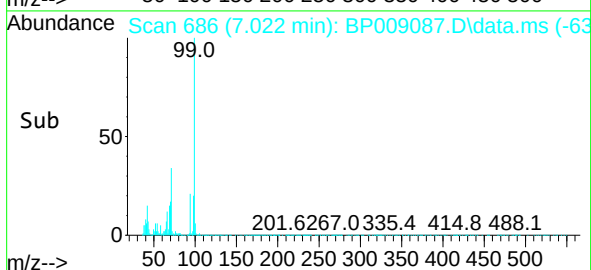
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022

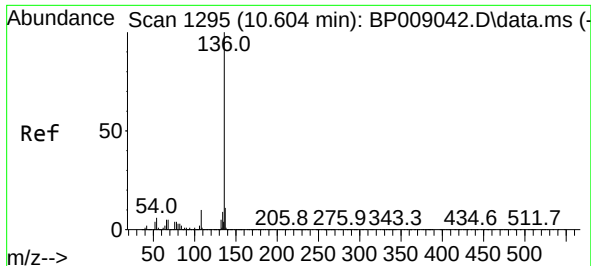


#10
Phenol
Concen: 2.239 ng
RT: 7.022 min Scan# 686
Delta R.T. 0.006 min
Lab File: BP009087.D
Acq: 09 Feb 2022 20:18



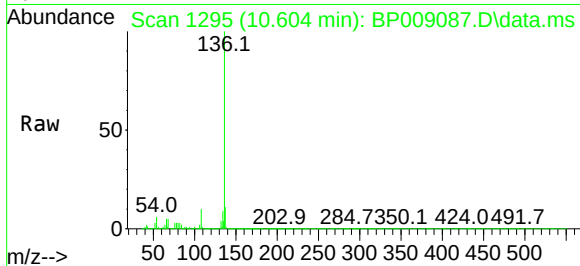
Tgt Ion: 94 Resp: 46421
Ion Ratio Lower Upper
94 100
65 35.6 4.1 44.1
66 56.4 12.4 52.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1016
Delta R.T. 0.000 min
Lab File: BP009087.D
Acq: 09 Feb 2022 20:18

Instrument :
BNA_P
ClientSampleId :
26516

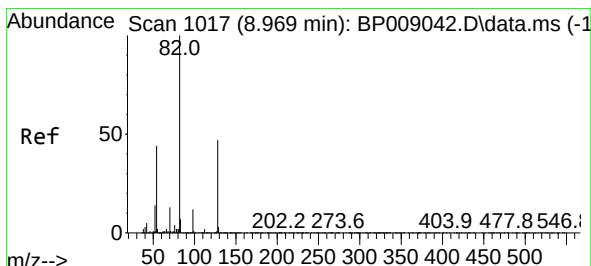
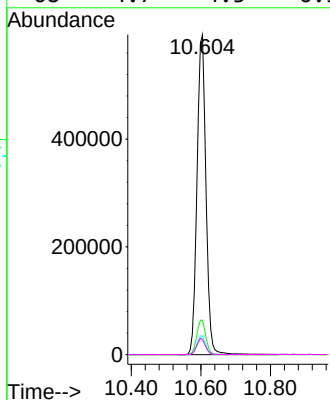
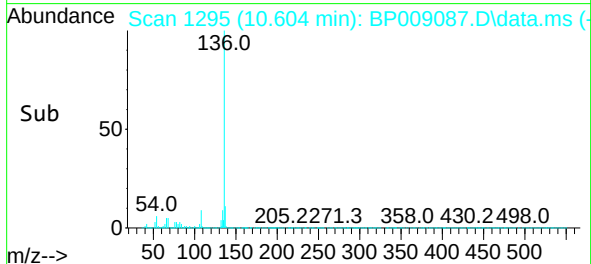


Tgt Ion: 136 Resp: 1064674

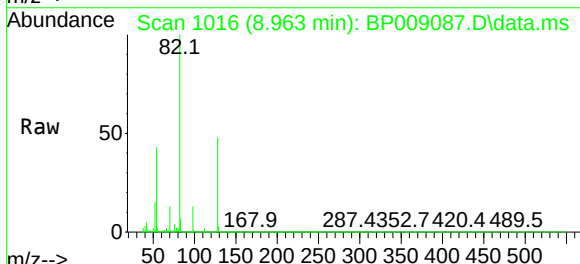
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	5.9	4.9	7.3
68	4.7	4.3	6.5

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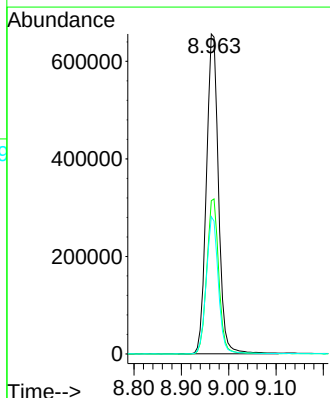
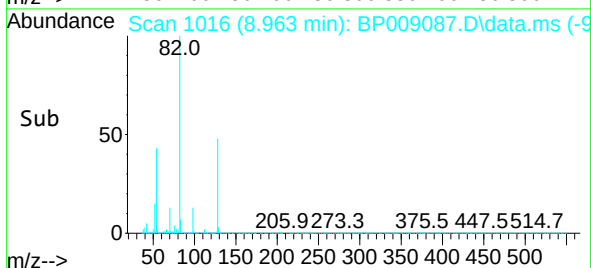


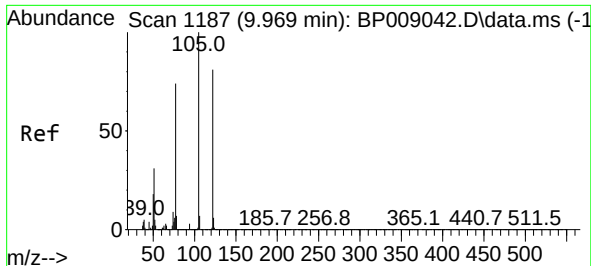
#23
Nitrobenzene-d5
Concen: 61.937 ng
RT: 8.963 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BP009087.D
Acq: 09 Feb 2022 20:18



Tgt Ion: 82 Resp: 1169332

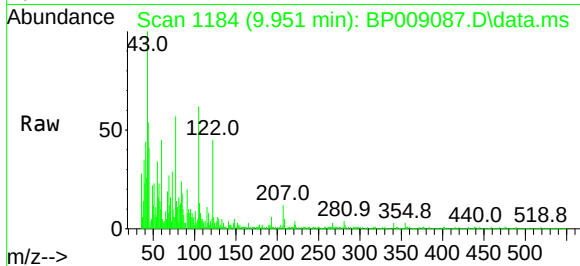
Ion	Ratio	Lower	Upper
82	100		
128	47.9	39.4	59.2
54	42.9	32.6	48.8





#32
Benzoic acid
Concen: 3.384 ng m
RT: 9.951 min Scan# 1184
Delta R.T. -0.018 min
Lab File: BP009087.D
Acq: 09 Feb 2022 20:18

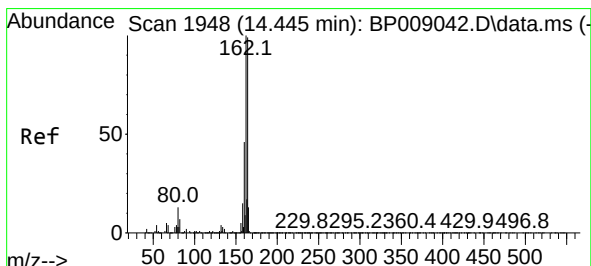
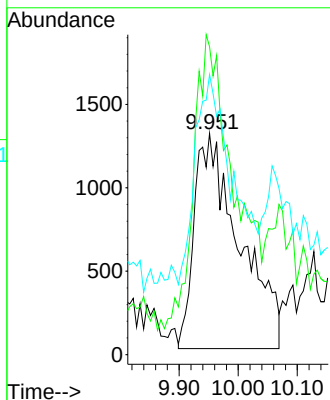
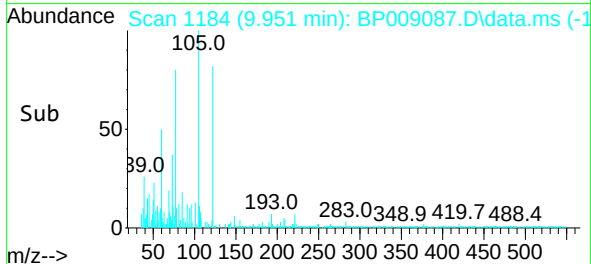
Instrument :
BNA_P
ClientSampleId :
26516



Tgt Ion:122 Resp: 684
Ion Ratio Lower Upper
122 100
105 139.2 100.1 140.1
77 126.6 65.5 105.5

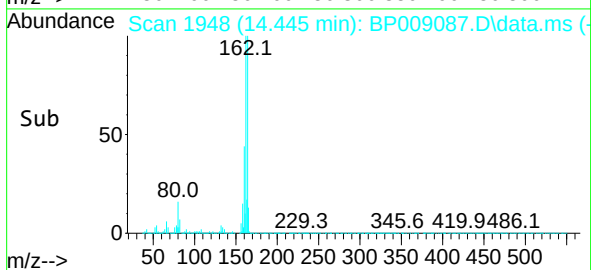
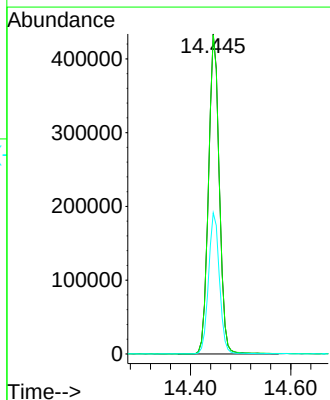
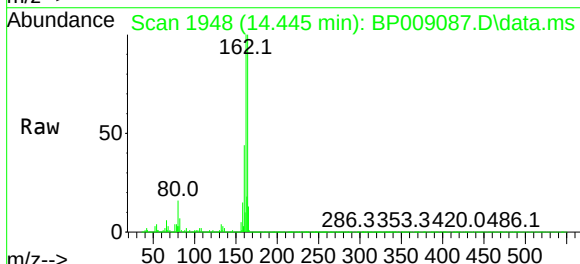
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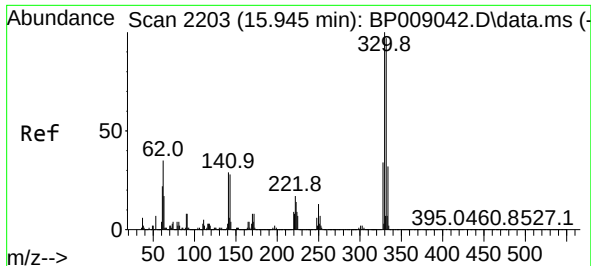
Reviewed By :Christian Giraldo 02/10/2022
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.445 min Scan# 1948
Delta R.T. 0.000 min
Lab File: BP009087.D
Acq: 09 Feb 2022 20:18

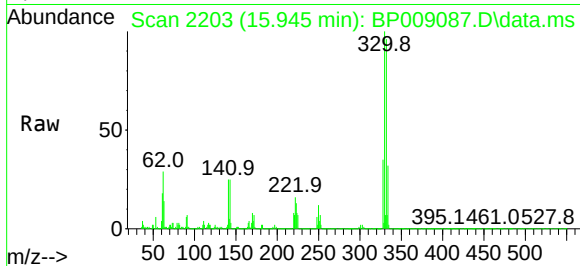
Tgt Ion:164 Resp: 646820
Ion Ratio Lower Upper
164 100
162 99.7 79.9 119.9
160 44.1 35.5 53.3





#42
2,4,6-Tribromophenol
Concen: 97.953 ng
RT: 15.945 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP009087.D
Acq: 09 Feb 2022 20:18

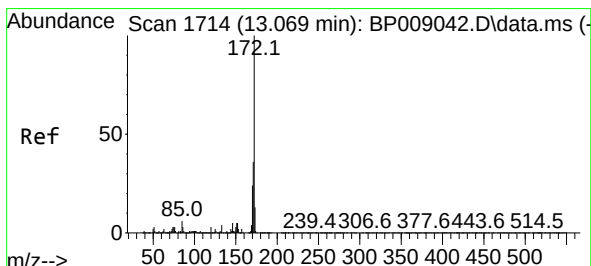
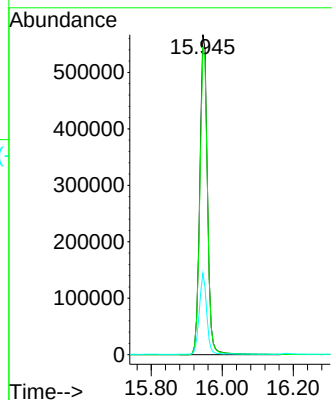
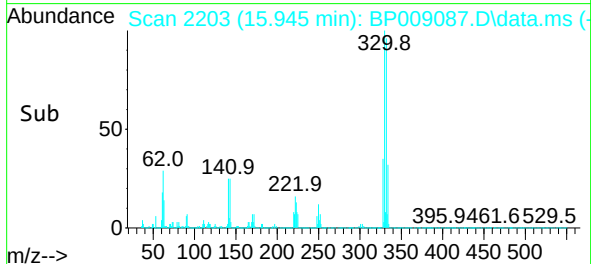
Instrument :
BNA_P
ClientSampleId :
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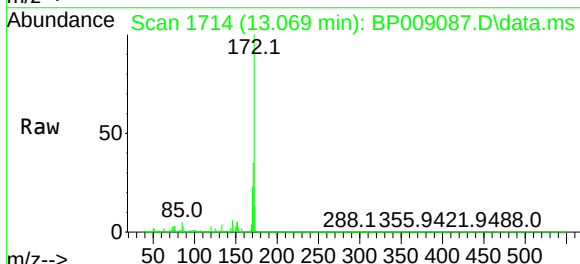
Tgt Ion:330 Resp: 845944
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.4
141 24.7 21.3 31.9

Manual Integrations
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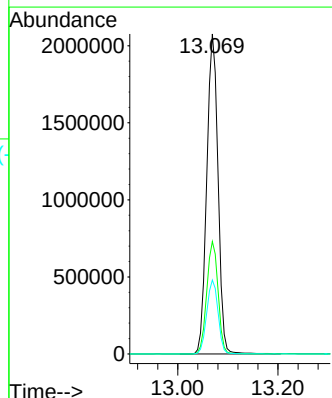
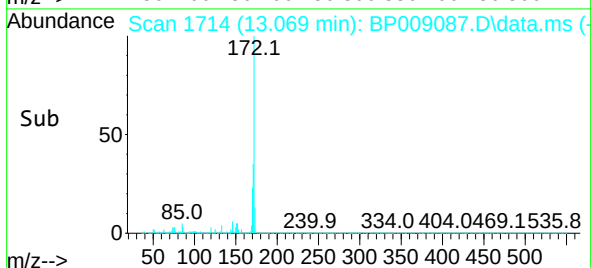
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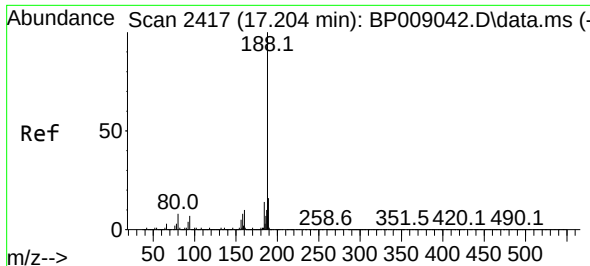


#45
2-Fluorobiphenyl
Concen: 70.210 ng
RT: 13.069 min Scan# 1714
Delta R.T. -0.000 min
Lab File: BP009087.D
Acq: 09 Feb 2022 20:18



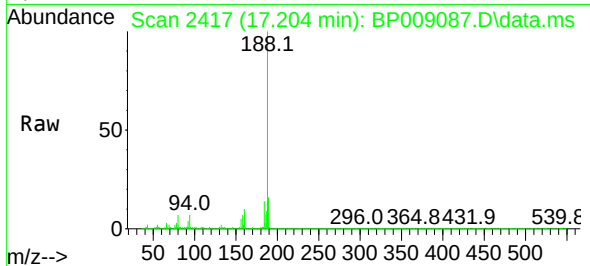
Tgt Ion:172 Resp: 3244068
Ion Ratio Lower Upper
172 100
171 35.1 29.3 43.9
170 23.1 19.5 29.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 2417
Delta R.T. -0.000 min
Lab File: BP009087.D
Acq: 09 Feb 2022 20:18

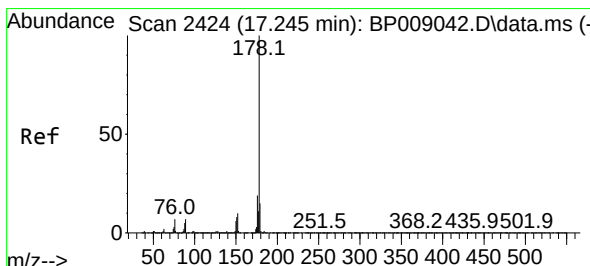
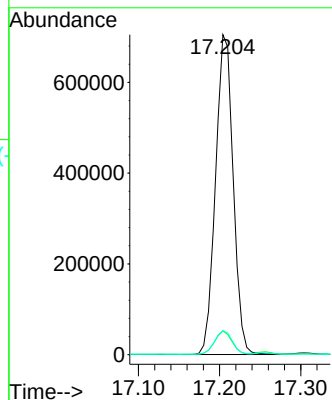
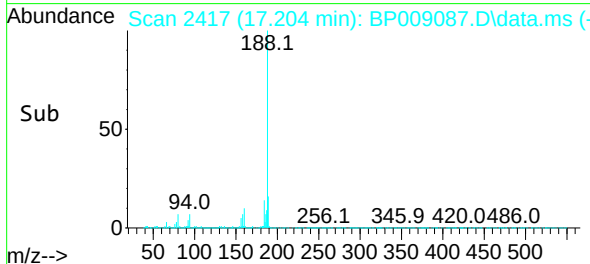
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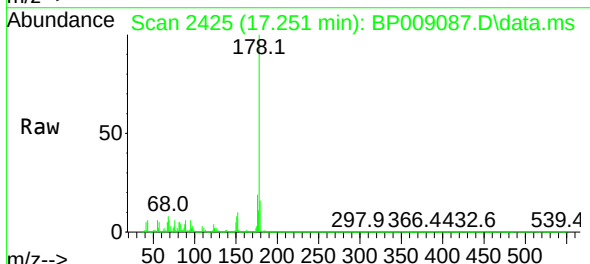
Tgt Ion:188 Resp: 1065358
Ion Ratio Lower Upper
188 100
94 7.4 6.8 10.2
80 7.5 7.2 10.8

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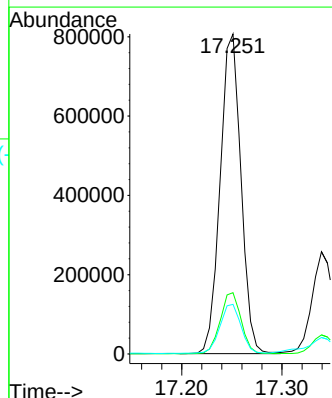
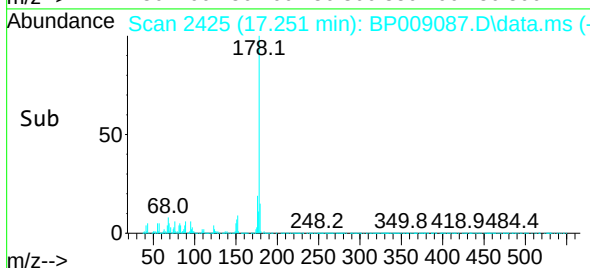
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022

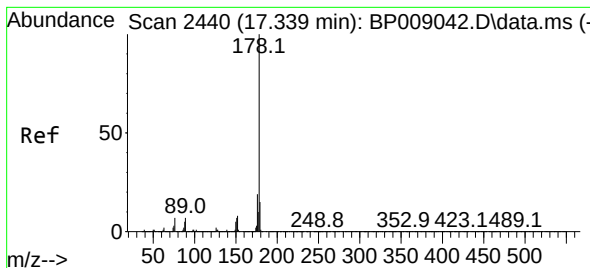


#71
Phenanthrene
Concen: 20.099 ng
RT: 17.251 min Scan# 2425
Delta R.T. 0.006 min
Lab File: BP009087.D
Acq: 09 Feb 2022 20:18



Tgt Ion:178 Resp: 1159403
Ion Ratio Lower Upper
178 100
176 19.2 16.0 24.0
179 15.5 13.0 19.4





#72

Anthracene

Concen: 6.593 ng

RT: 17.339 min Scan# 2440

Delta R.T. 0.000 min

Lab File: BP009087.D

Acq: 09 Feb 2022 20:18

Instrument :

BNA_P

ClientSampleId :

26516

Tgt Ion:178 Resp: 37207

Ion Ratio Lower Upper

178 100

176 18.6 15.1 22.7

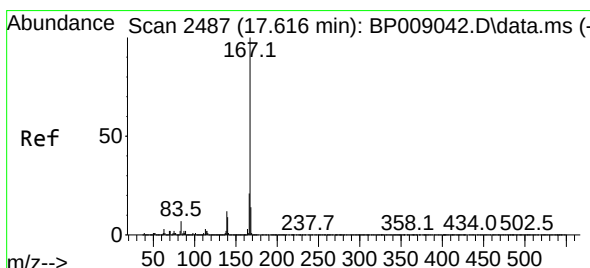
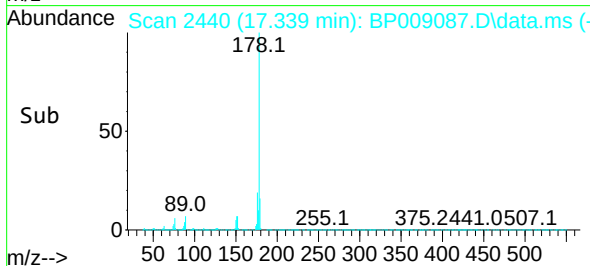
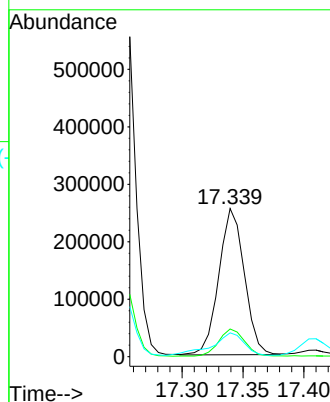
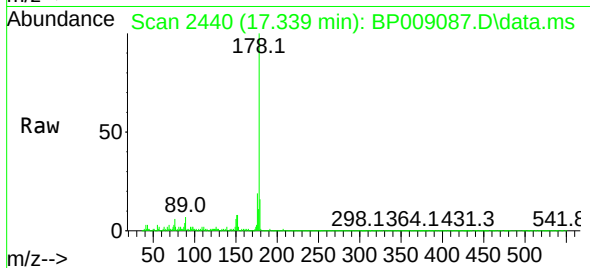
179 16.1 12.8 19.2

Manual Integrations

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#73

Carbazole

Concen: 2.814 ng

RT: 17.622 min Scan# 2488

Delta R.T. 0.006 min

Lab File: BP009087.D

Acq: 09 Feb 2022 20:18

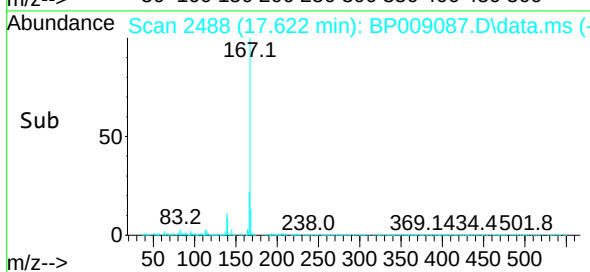
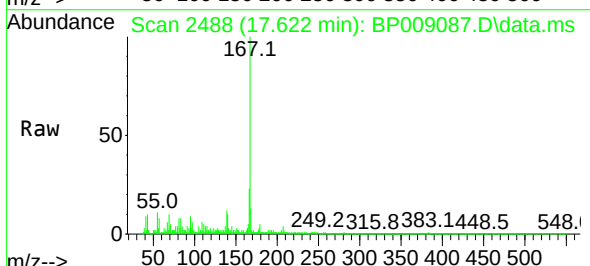
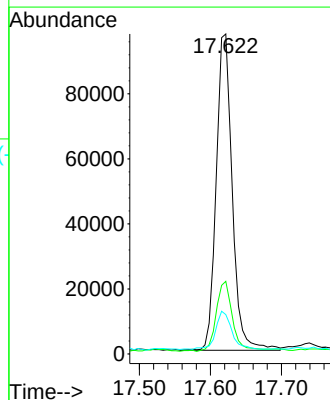
Tgt Ion:167 Resp: 152218

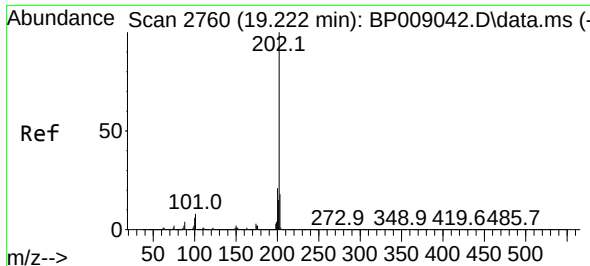
Ion Ratio Lower Upper

167 100

166 22.7 17.7 26.5

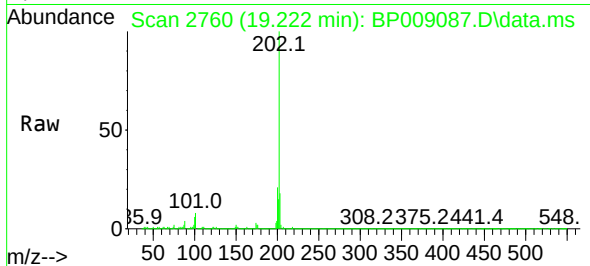
139 12.3 9.8 14.6





#75
Fluoranthene
Concen: 47.220 ng
RT: 19.222 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP009087.D
Acq: 09 Feb 2022 20:18

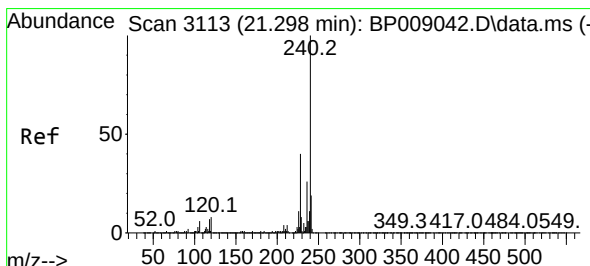
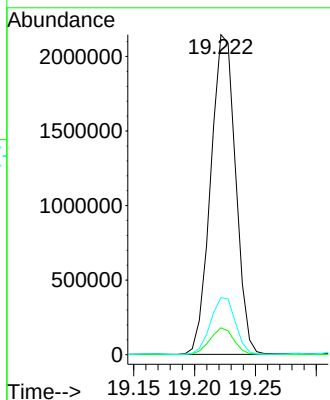
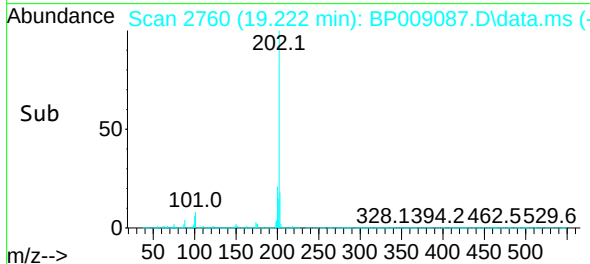
Instrument :
BNA_P
ClientSampleId :
26516



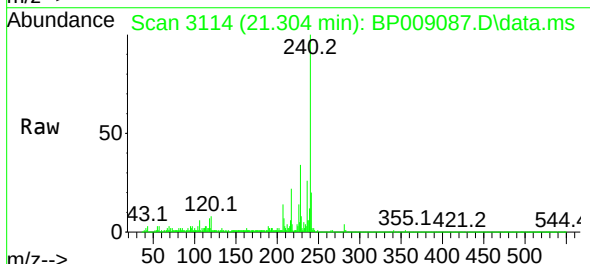
Tgt Ion:202 Resp: 305297
Ion Ratio Lower Upper
202 100
101 8.4 0.0 30.7
203 17.8 0.0 38.9

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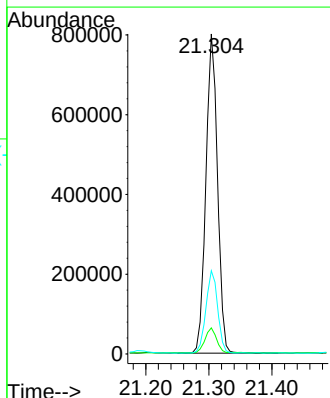
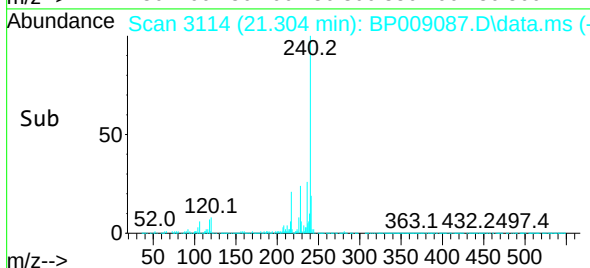
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022

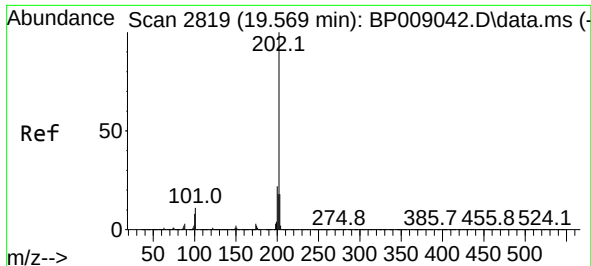


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.304 min Scan# 3114
Delta R.T. 0.006 min
Lab File: BP009087.D
Acq: 09 Feb 2022 20:18



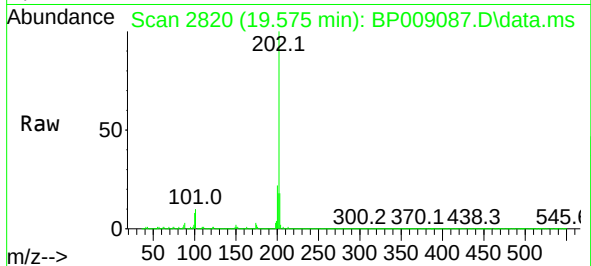
Tgt Ion:240 Resp: 1022840
Ion Ratio Lower Upper
240 100
120 8.1 7.7 11.5
236 26.0 21.2 31.8





#78
Pyrene
Concen: 36.296 ng
RT: 19.575 min Scan# 2819
Delta R.T. 0.006 min
Lab File: BP009087.D
Acq: 09 Feb 2022 20:18

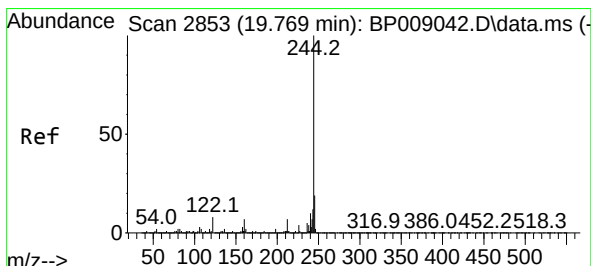
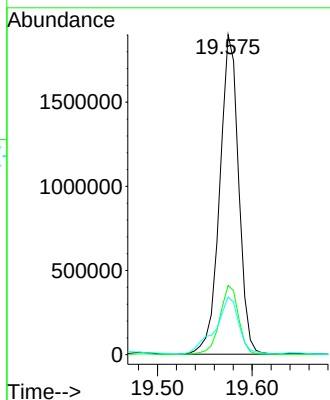
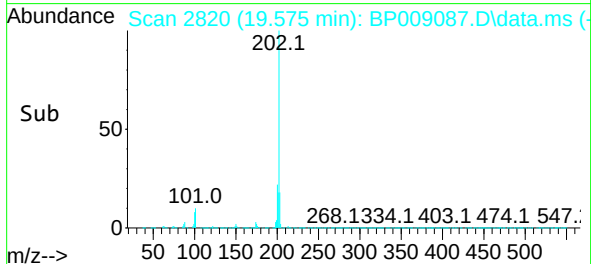
Instrument :
BNA_P
ClientSampleId :
26516



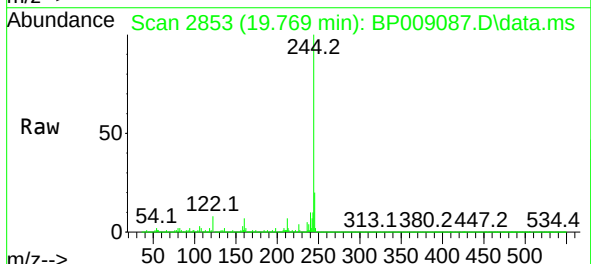
Tgt Ion:202 Resp: 264096
Ion Ratio Lower Upper
202 100
200 21.6 18.0 27.0
203 18.0 15.0 22.6

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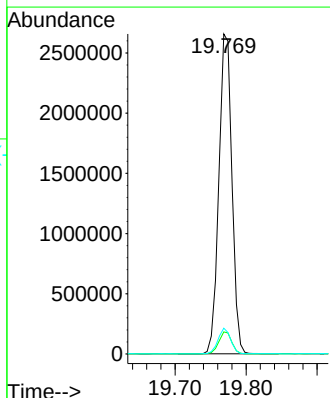
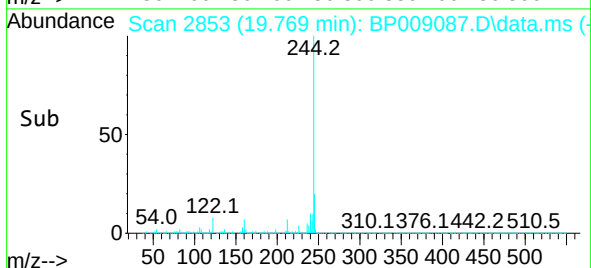
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022

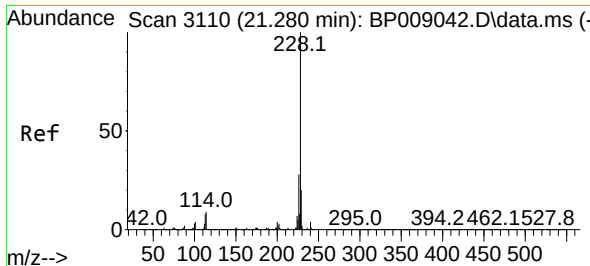


#79
Terphenyl-d14
Concen: 59.482 ng
RT: 19.769 min Scan# 2853
Delta R.T. 0.000 min
Lab File: BP009087.D
Acq: 09 Feb 2022 20:18



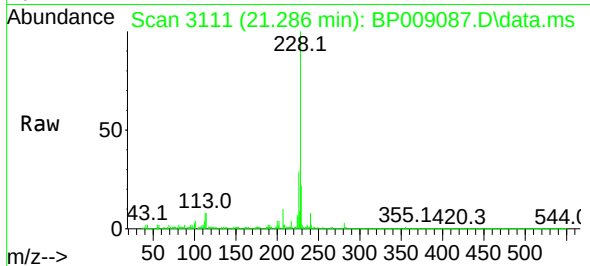
Tgt Ion:244 Resp: 3383148
Ion Ratio Lower Upper
244 100
212 6.9 6.5 9.7
122 8.1 9.2 13.8#





#81
Benzo(a)anthracene
Concen: 23.141 ng
RT: 21.286 min Scan# 3111
Delta R.T. 0.006 min
Lab File: BP009087.D
Acq: 09 Feb 2022 20:18

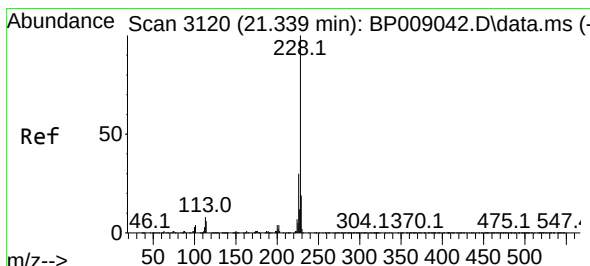
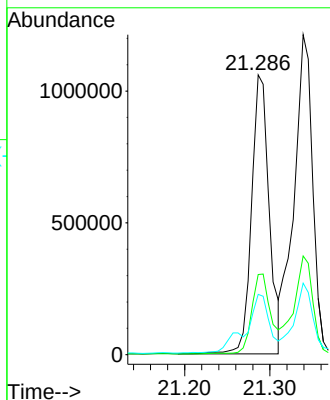
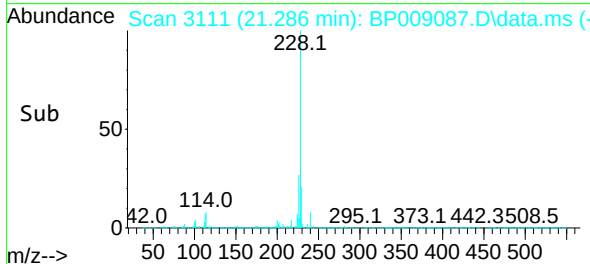
Instrument :
BNA_P
ClientSampleId :
26516



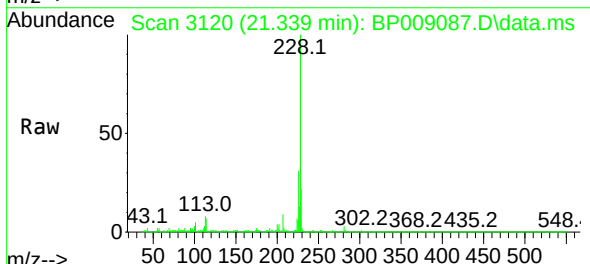
Tgt Ion:228 Resp: 1525290
Ion Ratio Lower Upper
228 100
226 28.6 23.3 34.9
229 21.6 17.0 25.6

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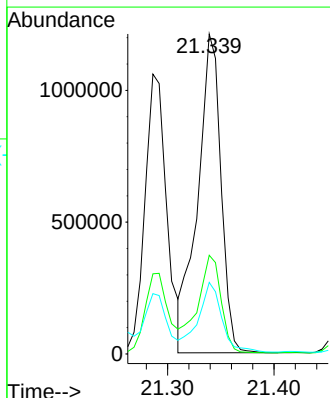
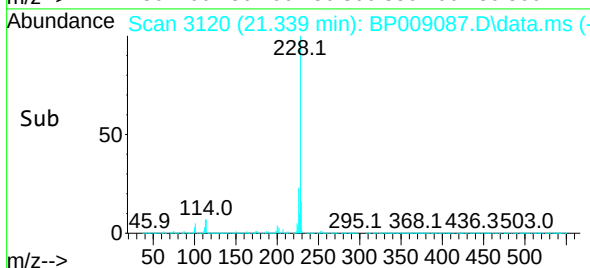
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022

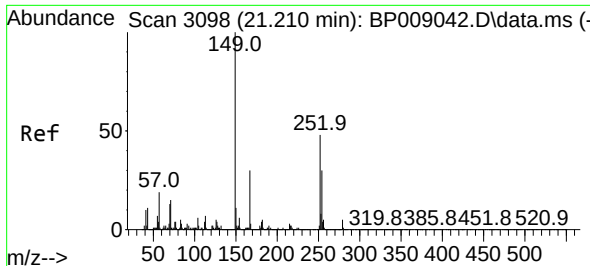


#83
Chrysene
Concen: 29.003 ng
RT: 21.339 min Scan# 3120
Delta R.T. -0.000 min
Lab File: BP009087.D
Acq: 09 Feb 2022 20:18



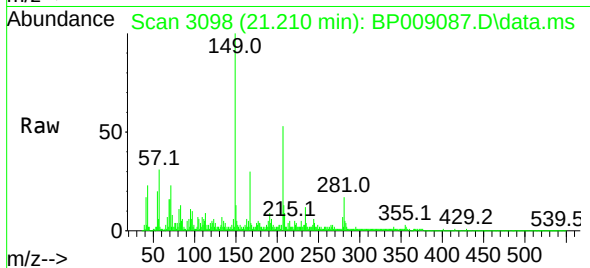
Tgt Ion:228 Resp: 1842936
Ion Ratio Lower Upper
228 100
226 30.9 26.0 39.0
229 22.4 16.9 25.3





#84
Bis(2-ethylhexyl)phthalate
Concen: 5.880 ng
RT: 21.210 min Scan# 3098
Delta R.T. 0.000 min
Lab File: BP009087.D
Acq: 09 Feb 2022 20:18

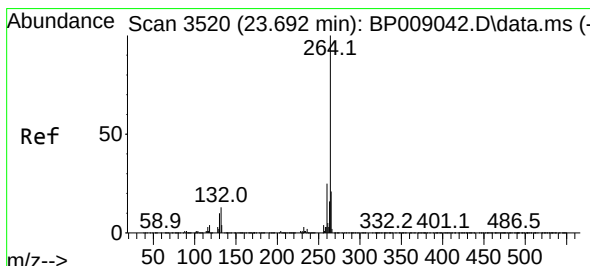
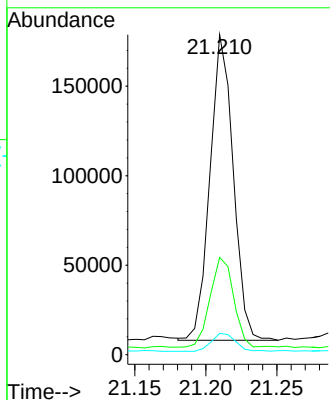
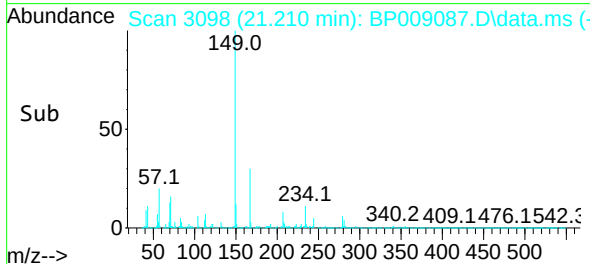
Instrument :
BNA_P
ClientSampleId :
26516



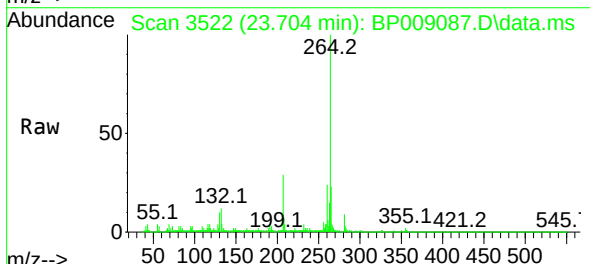
Tgt Ion:149 Resp: 19458
Ion Ratio Lower Upper
149 100
167 30.4 25.0 37.4
279 6.7 4.8 7.2

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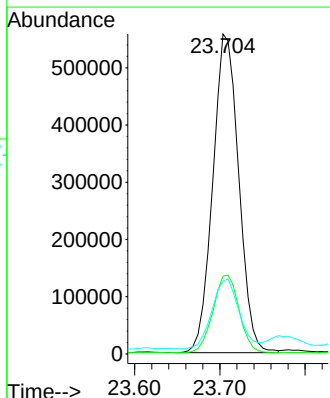
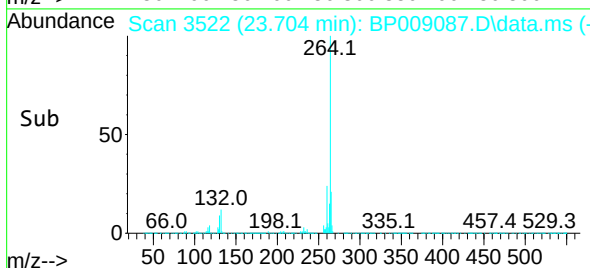
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022

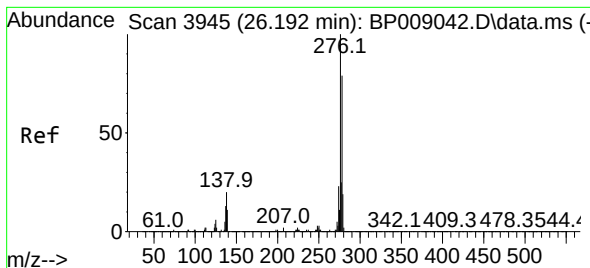


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.704 min Scan# 3522
Delta R.T. 0.012 min
Lab File: BP009087.D
Acq: 09 Feb 2022 20:18



Tgt Ion:264 Resp: 1176333
Ion Ratio Lower Upper
264 100
260 24.4 19.1 28.7
265 22.8 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 15.314 ng

RT: 26.215 min Scan# 3949

Delta R.T. 0.024 min

Lab File: BP009087.D

Acq: 09 Feb 2022 20:18

Instrument :

BNA_P

ClientSampleId :

26516

Tgt Ion:276 Resp: 133851

Ion Ratio Lower Upper

276 100

138 14.9 17.8 26.6

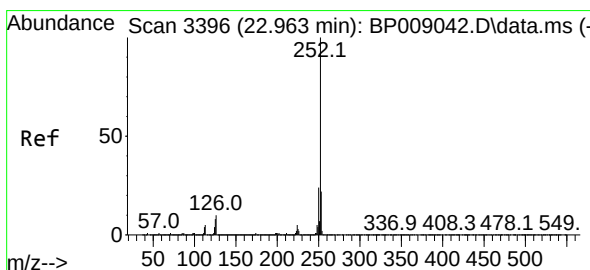
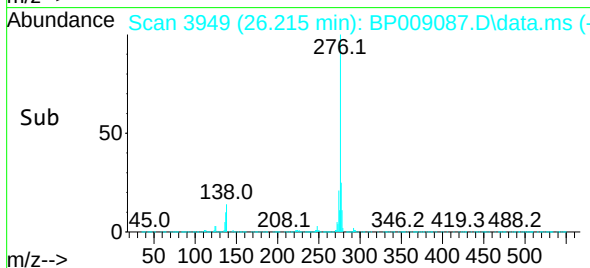
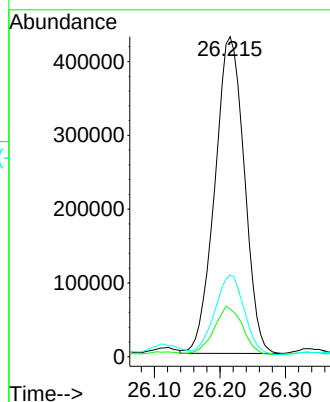
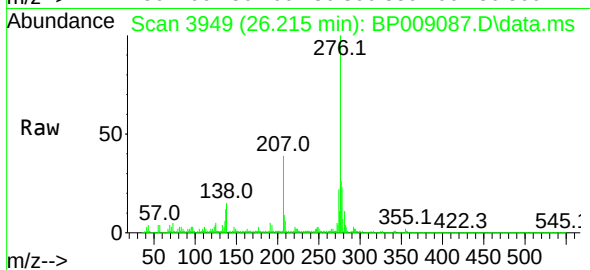
277 25.1 20.4 30.6

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: 38.368 ng m

RT: 22.980 min Scan# 3399

Delta R.T. 0.018 min

Lab File: BP009087.D

Acq: 09 Feb 2022 20:18

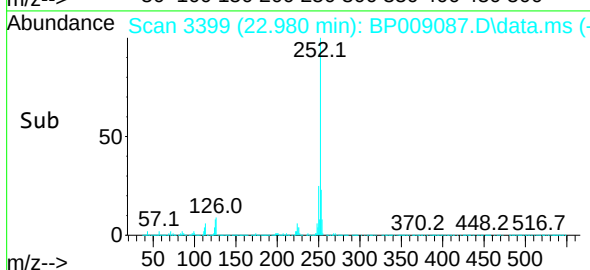
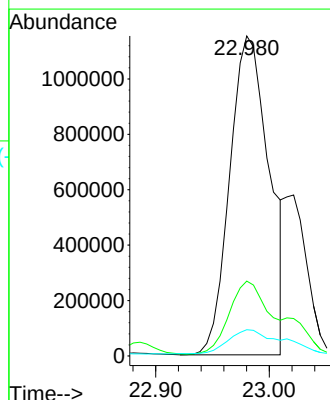
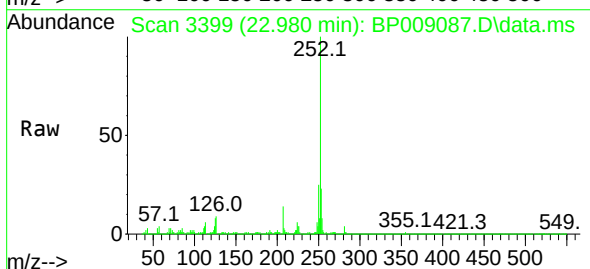
Tgt Ion:252 Resp: 2778455

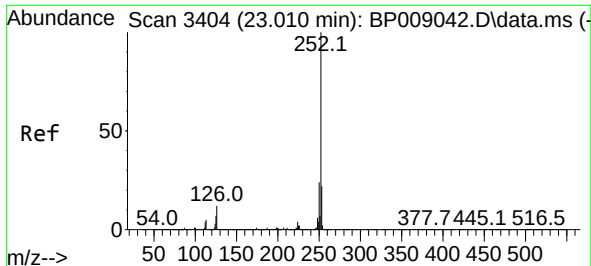
Ion Ratio Lower Upper

252 100

253 23.4 18.0 27.0

125 8.2 6.9 10.3





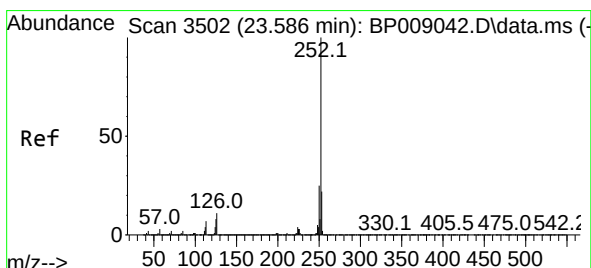
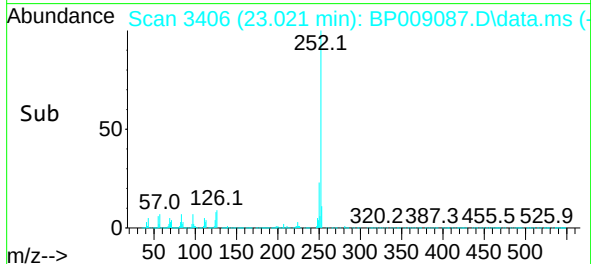
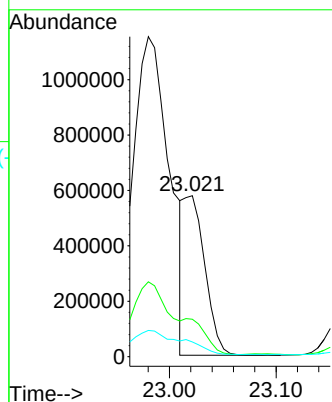
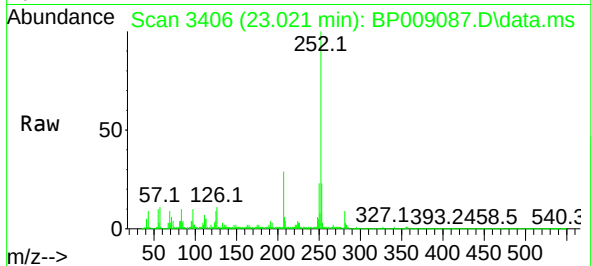
#89
Benzo(k)fluoranthene
Concen: 10.941 ng m
RT: 23.021 min Scan# 3404
Delta R.T. 0.012 min
Lab File: BP009087.D
Acq: 09 Feb 2022 20:18

Instrument :
BNA_P
ClientSampleId :
26516

Tgt Ion:252 Resp: 790449
Ion Ratio Lower Upper
252 100
253 23.3 18.2 27.2
125 9.2 7.3 10.9

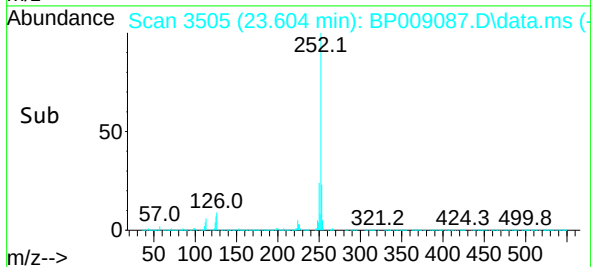
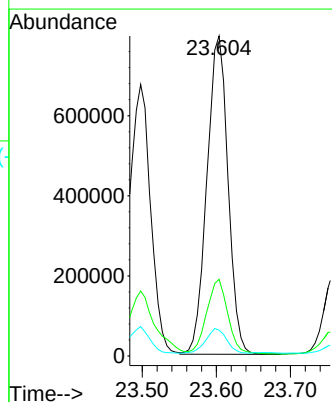
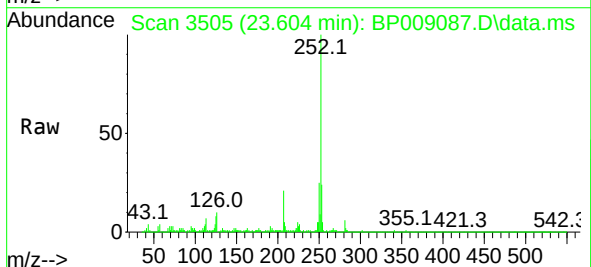
Manual Integrations
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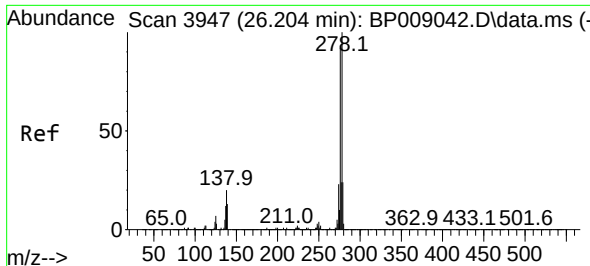
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022



#90
Benzo(a)pyrene
Concen: 26.062 ng
RT: 23.604 min Scan# 3505
Delta R.T. 0.018 min
Lab File: BP009087.D
Acq: 09 Feb 2022 20:18

Tgt Ion:252 Resp: 1573516
Ion Ratio Lower Upper
252 100
253 24.0 17.8 26.8
125 8.0 7.8 11.6





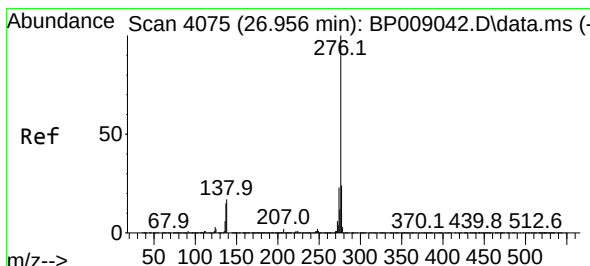
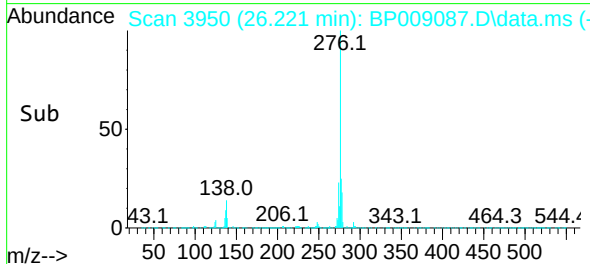
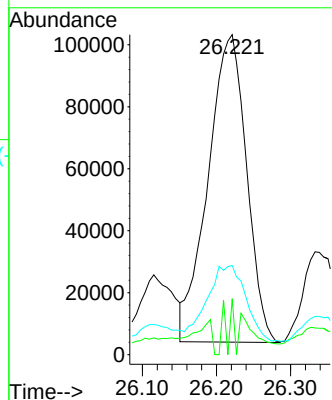
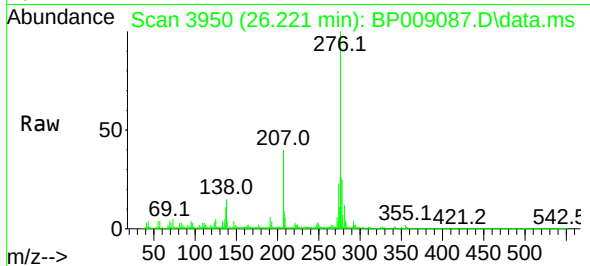
#91
Dibenzo(a,h)anthracene
Concen: 4.989 ng
RT: 26.221 min Scan# 3947
Delta R.T. 0.018 min
Lab File: BP009087.D
Acq: 09 Feb 2022 20:18

Instrument :
BNA_P
ClientSampleId :
26516

Tgt Ion:278 Resp: 35834
Ion Ratio Lower Upper
278 100
139 17.5 11.5 17.3
279 27.9 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: 18.372 ng
RT: 26.986 min Scan# 4080
Delta R.T. 0.029 min
Lab File: BP009087.D
Acq: 09 Feb 2022 20:18

Tgt Ion:276 Resp: 1313866
Ion Ratio Lower Upper
276 100
277 24.4 19.2 28.8
138 15.1 15.0 22.4

