

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060622\
 Data File : BP010705.D
 Acq On : 06 Jun 2022 16:18
 Operator : CG/JU
 Sample : N3139-01DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 COMP-1DL

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/07/2022
 Supervised By : Jagrut Upadhyay 06/07/2022

Quant Time: Jun 07 05:17:11 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 06 15:39:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	164178	20.000	ng	0.00
21) Naphthalene-d8	10.646	136	680063	20.000	ng	0.00
39) Acenaphthene-d10	14.486	164	448507	20.000	ng	0.00
64) Phenanthrene-d10	17.239	188	928831	20.000	ng	0.00
76) Chrysene-d12	21.327	240	867818	20.000	ng	0.00
86) Perylene-d12	23.739	264	721641	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	173148	19.240	ng	0.00
7) Phenol-d6	7.028	99	250543	19.610	ng	0.00
23) Nitrobenzene-d5	9.010	82	173317	12.049	ng	0.00
42) 2,4,6-Tribromophenol	15.981	330	106513	20.980	ng	0.00
45) 2-Fluorobiphenyl	13.110	172	363552	11.504	ng	0.00
79) Terphenyl-d14	19.798	244	585686	12.677	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.280	178	776507	15.245	ng	100
72) Anthracene	17.375	178	146102	2.995	ng	100
73) Carbazole	17.651	167	92215	2.225	ng	99
75) Fluoranthene	19.251	202	1394941	25.214	ng	98
78) Pyrene	19.604	202	1181887	19.542	ng	100
81) Benzo(a)anthracene	21.316	228	668258	11.736	ng	98
83) Chrysene	21.369	228	606013	10.851	ng	97
87) Indeno(1,2,3-cd)pyrene	26.245	276	241229	4.585	ng	96
88) Benzo(b)fluoranthene	23.010	252	676627	14.892	ng	99
89) Benzo(k)fluoranthene	23.045	252	193962m	4.211	ng	
90) Benzo(a)pyrene	23.627	252	408781	10.877	ng	97
92) Benzo(g,h,i)perylene	27.015	276	238679	5.456	ng	99

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

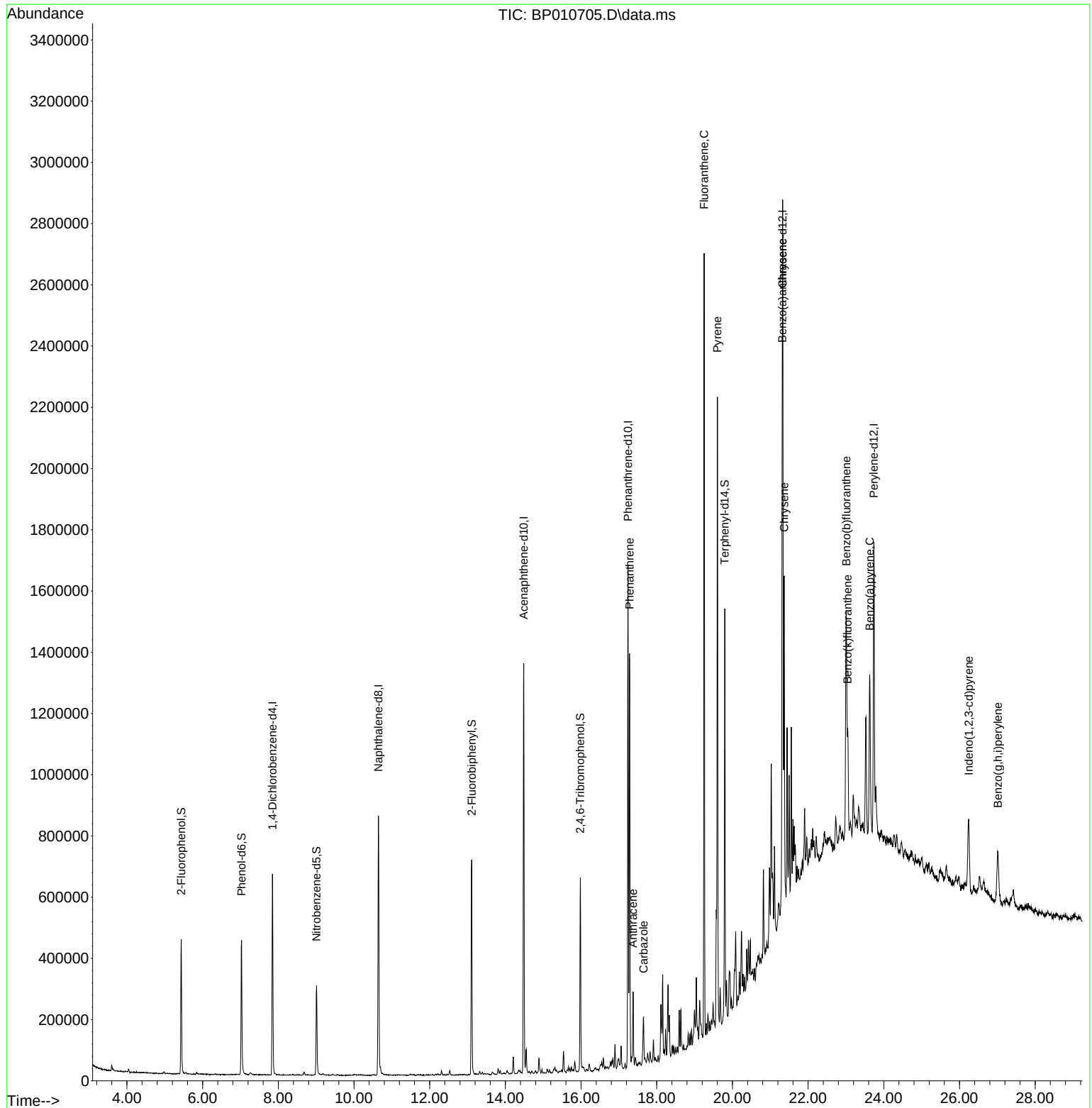
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060622\
Data File : BP010705.D
Acq On : 06 Jun 2022 16:18
Operator : CG/JU
Sample : N3139-01DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

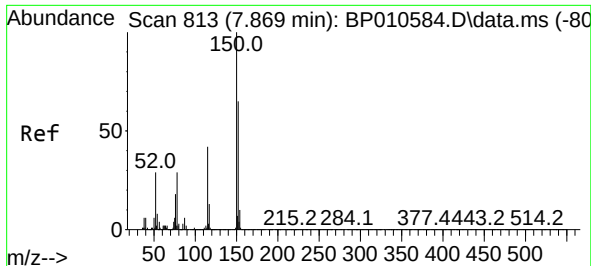
Instrument :
BNA_P
ClientSampleId :
COMP-1DL

Quant Time: Jun 07 05:17:11 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 06 15:39:44 2022
Response via : Initial Calibration

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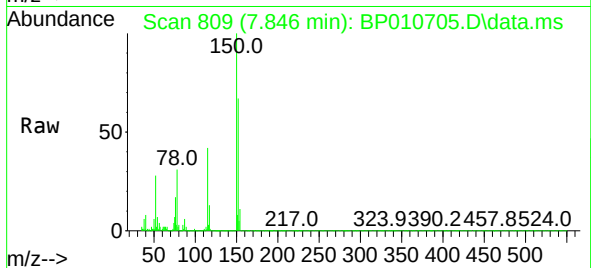
Reviewed By : Christian Giraldo 06/07/2022
Supervised By : Jagrut Upadhyay 06/07/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.846 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP010705.D
Acq: 06 Jun 2022 16:18

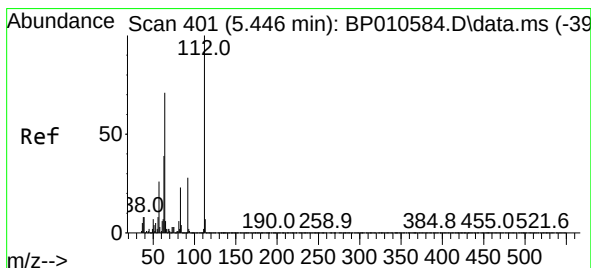
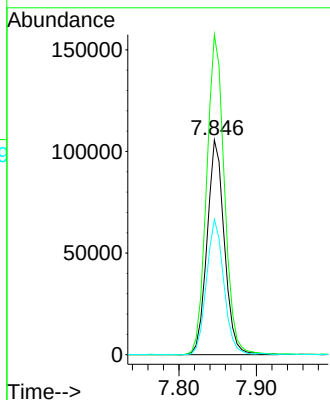
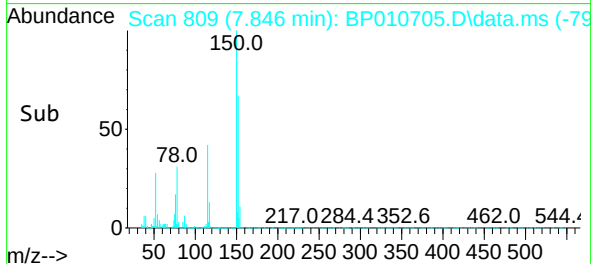
Instrument :
BNA_P
ClientSampleId :
COMP-1DL



Tgt Ion:152 Resp: 164178
Ion Ratio Lower Upper
152 100
150 149.0 123.4 185.2
115 63.0 51.3 76.9

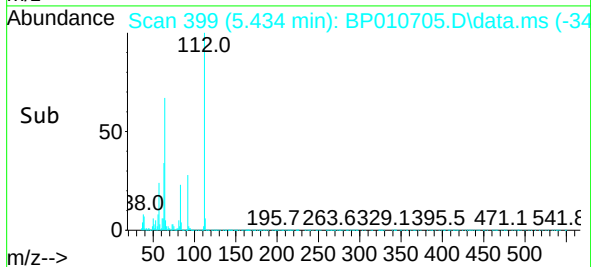
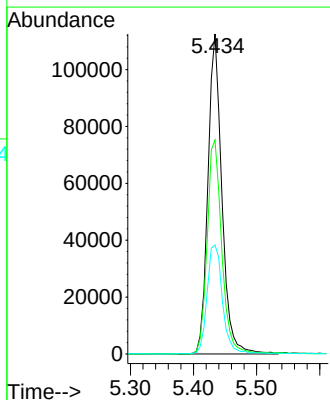
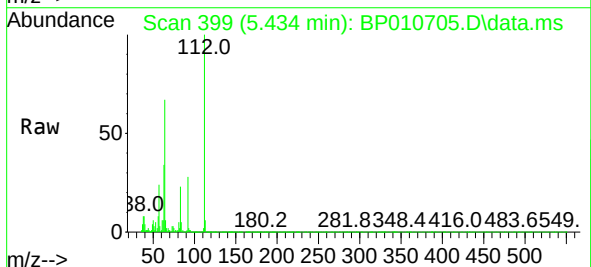
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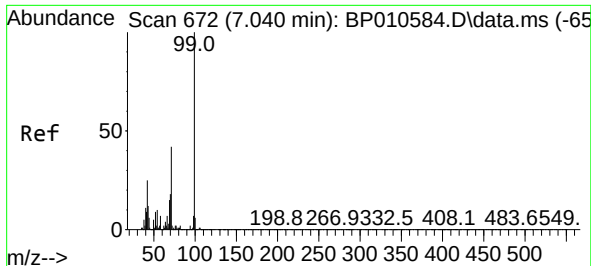
Reviewed By :Christian Giraldo 06/07/2022
Supervised By :Jagrut Upadhyay 06/07/2022



#5
2-Fluorophenol
Concen: 19.240 ng
RT: 5.434 min Scan# 399
Delta R.T. -0.000 min
Lab File: BP010705.D
Acq: 06 Jun 2022 16:18

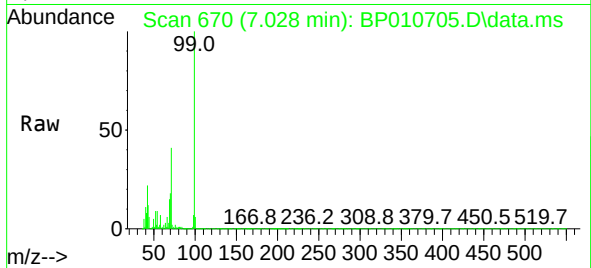
Tgt Ion:112 Resp: 173148
Ion Ratio Lower Upper
112 100
64 66.9 56.9 85.3
63 34.1 31.2 46.8





#7
Phenol-d6
Concen: 19.610 ng
RT: 7.028 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP010705.D
Acq: 06 Jun 2022 16:18

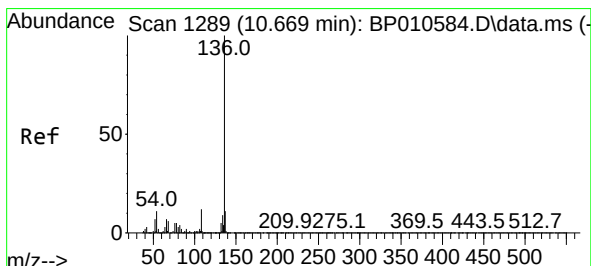
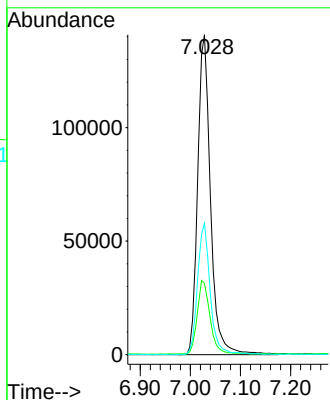
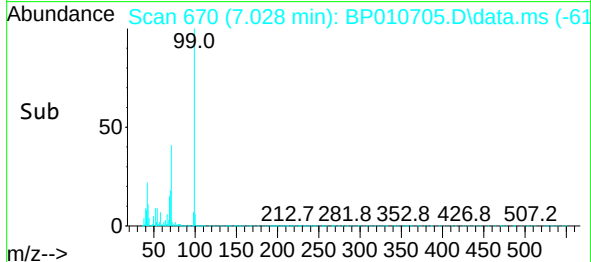
Instrument :
BNA_P
ClientSampleId :
COMP-1DL



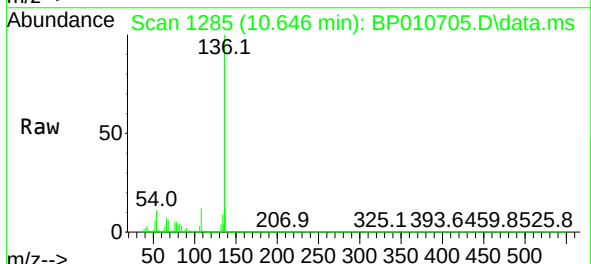
Tgt Ion: 99 Resp: 25054
Ion Ratio Lower Upper
99 100
42 22.3 20.3 30.5
71 41.1 33.9 50.9

Manual Integrations
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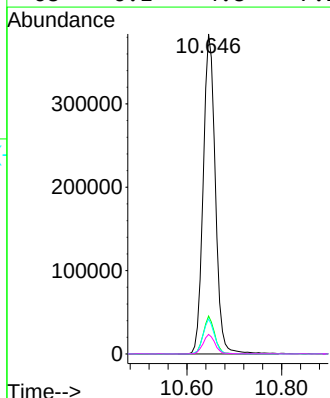
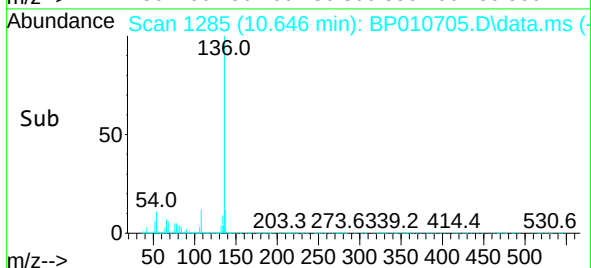
Reviewed By :Christian Giraldo 06/07/2022
Supervised By :Jagrut Upadhyay 06/07/2022

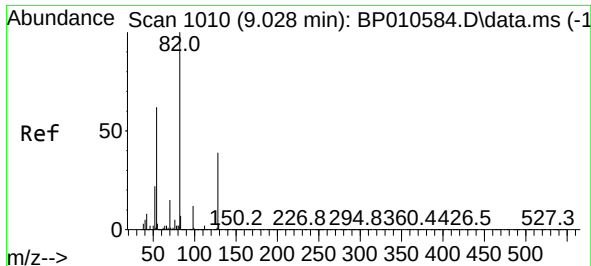


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.646 min Scan# 1285
Delta R.T. -0.000 min
Lab File: BP010705.D
Acq: 06 Jun 2022 16:18



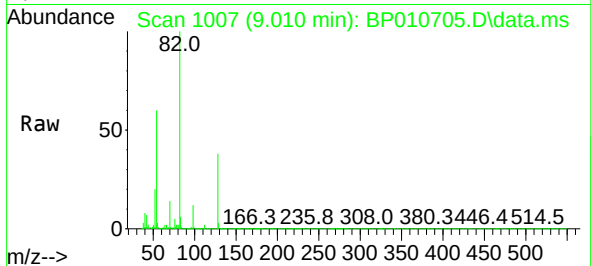
Tgt Ion:136 Resp: 680063
Ion Ratio Lower Upper
136 100
137 11.9 9.0 13.4
54 10.9 8.7 13.1
68 6.1 4.8 7.2





#23
Nitrobenzene-d5
Concen: 12.049 ng
RT: 9.010 min Scan# 1010
Delta R.T. -0.000 min
Lab File: BP010705.D
Acq: 06 Jun 2022 16:18

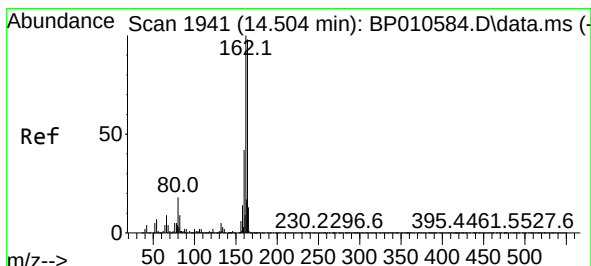
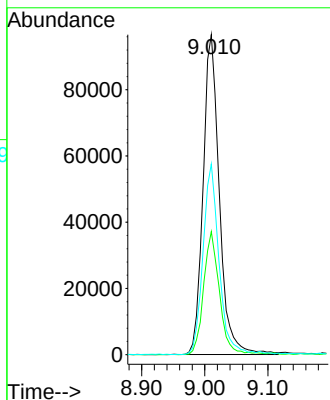
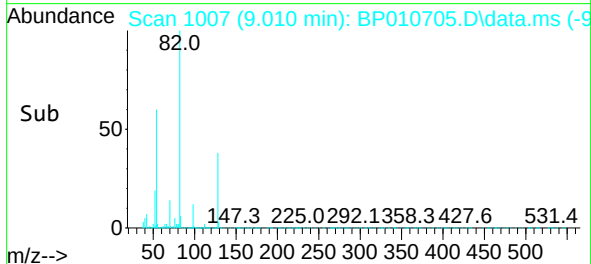
Instrument :
BNA_P
ClientSampleId :
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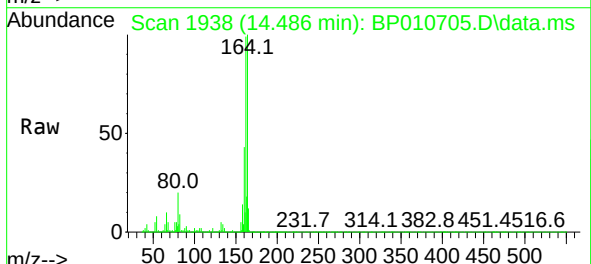
Tgt Ion: 82 Resp: 17331
Ion Ratio Lower Upper
82 100
128 38.5 31.3 46.9
54 59.6 49.8 74.8

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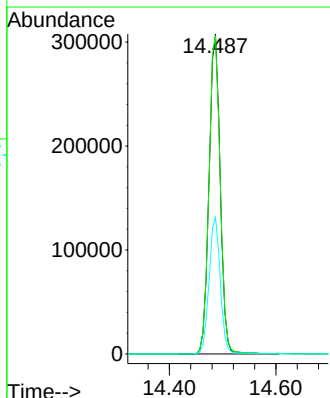
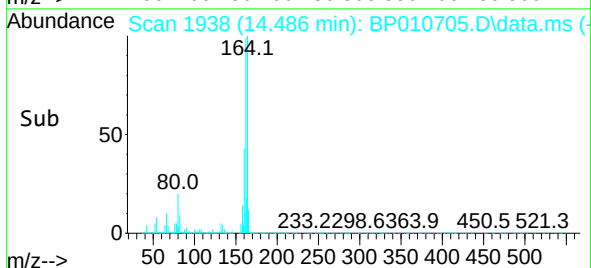
Reviewed By :Christian Giraldo 06/07/2022
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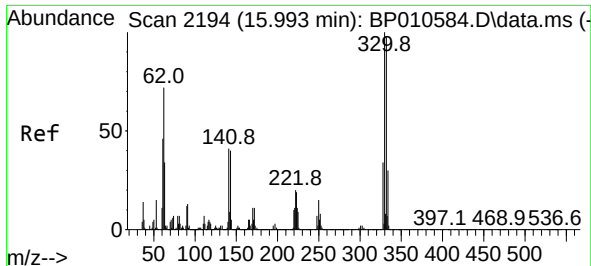


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.486 min Scan# 1938
Delta R.T. -0.000 min
Lab File: BP010705.D
Acq: 06 Jun 2022 16:18



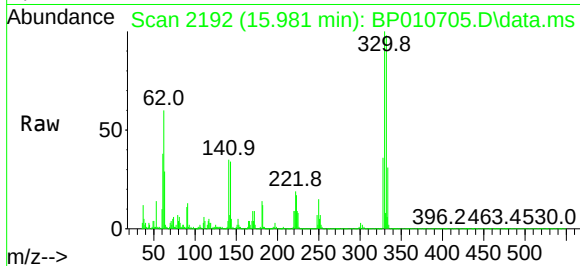
Tgt Ion:164 Resp: 448507
Ion Ratio Lower Upper
164 100
162 99.4 81.9 122.9
160 42.7 34.6 51.8





#42
2,4,6-Tribromophenol
Concen: 20.980 ng
RT: 15.981 min Scan# 2194
Delta R.T. -0.000 min
Lab File: BP010705.D
Acq: 06 Jun 2022 16:18

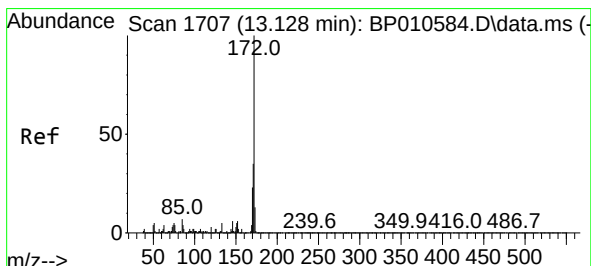
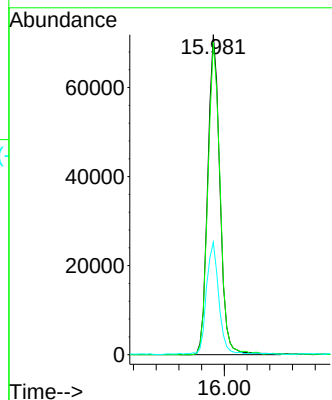
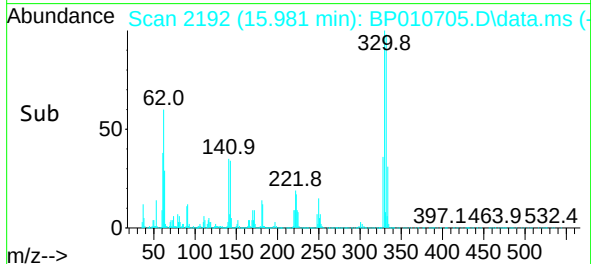
Instrument :
BNA_P
ClientSampleId :
COMP-1DL



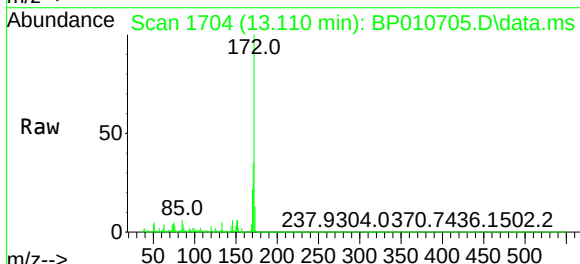
Tgt Ion:330 Resp: 10651
Ion Ratio Lower Upper
330 100
332 97.0 78.1 117.1
141 35.1 31.4 47.2

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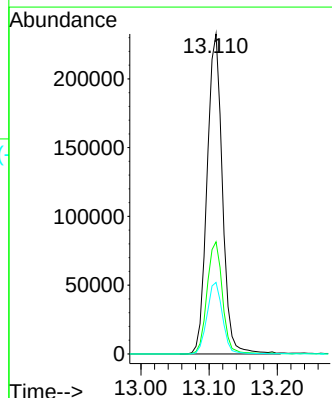
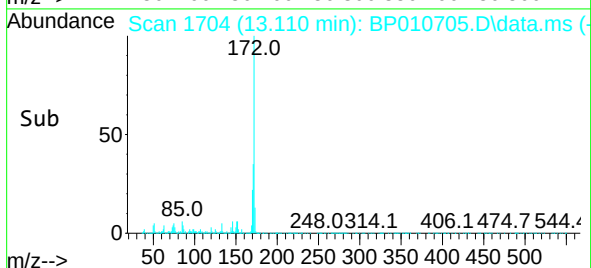
Reviewed By :Christian Giraldo 06/07/2022
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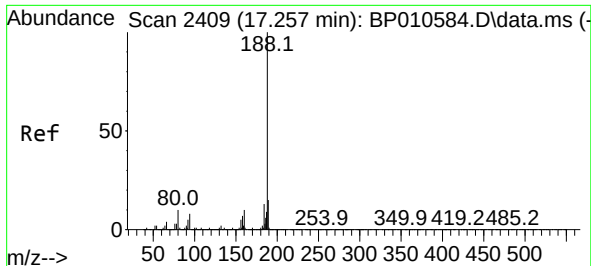


#45
2-Fluorobiphenyl
Concen: 11.504 ng
RT: 13.110 min Scan# 1704
Delta R.T. -0.000 min
Lab File: BP010705.D
Acq: 06 Jun 2022 16:18



Tgt Ion:172 Resp: 363552
Ion Ratio Lower Upper
172 100
171 35.1 27.9 41.9
170 22.4 18.2 27.2





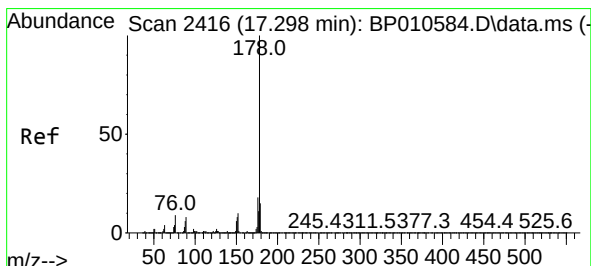
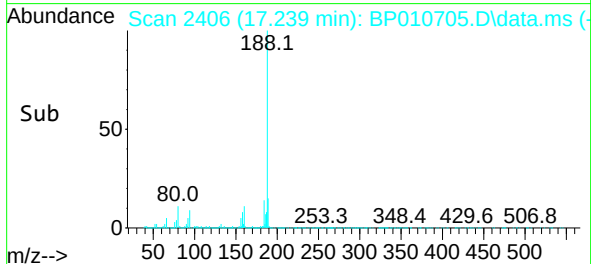
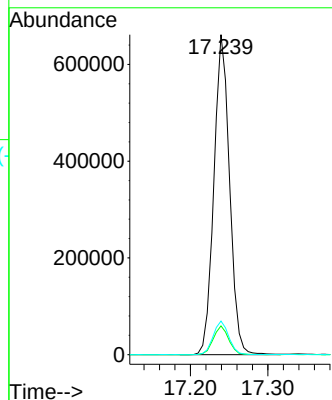
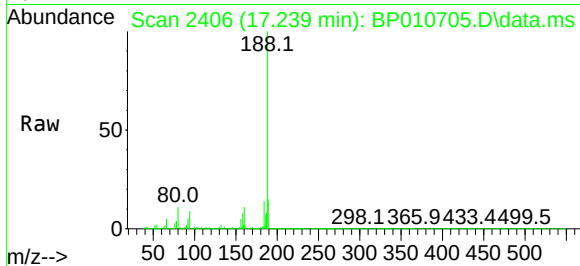
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.239 min Scan# 2406
Delta R.T. -0.000 min
Lab File: BP010705.D
Acq: 06 Jun 2022 16:18

Instrument :
BNA_P
ClientSampleId :
COMP-1DL

Tgt Ion:188 Resp: 92883
Ion Ratio Lower Upper
188 100
94 9.0 6.6 10.0
80 10.5 8.0 12.0

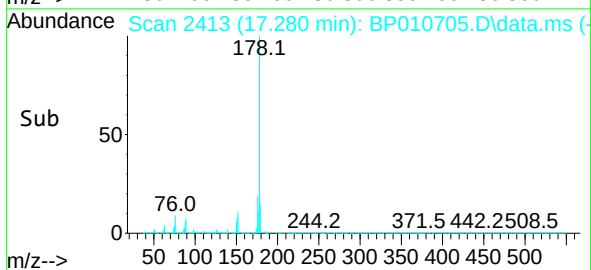
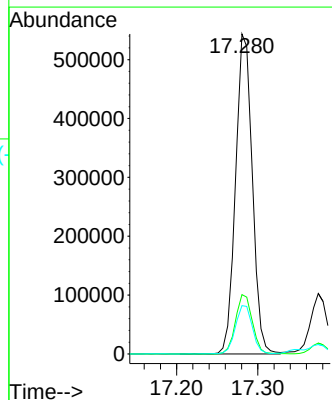
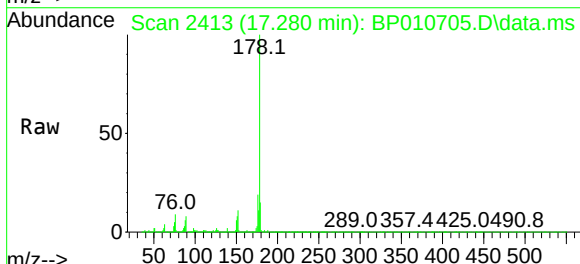
Manual Integrations
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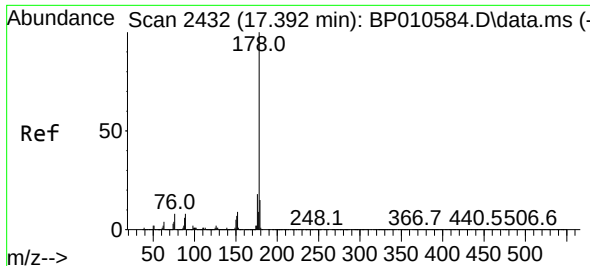
Reviewed By :Christian Giraldo 06/07/2022
Supervised By :Jagrut Upadhyay 06/07/2022



#71
Phenanthrene
Concen: 15.245 ng
RT: 17.280 min Scan# 2413
Delta R.T. -0.006 min
Lab File: BP010705.D
Acq: 06 Jun 2022 16:18

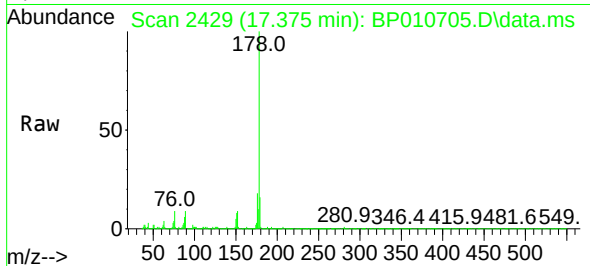
Tgt Ion:178 Resp: 776507
Ion Ratio Lower Upper
178 100
176 18.6 14.7 22.1
179 15.1 12.2 18.2





#72
 Anthracene
 Concen: 2.995 ng
 RT: 17.375 min Scan# 2429
 Delta R.T. -0.000 min
 Lab File: BP010705.D
 Acq: 06 Jun 2022 16:18

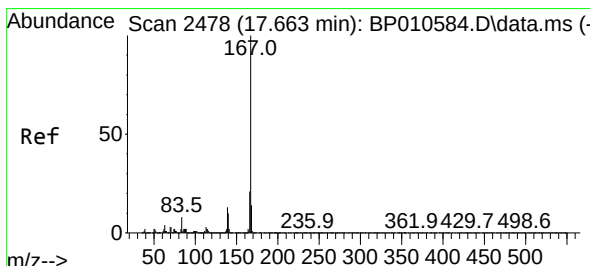
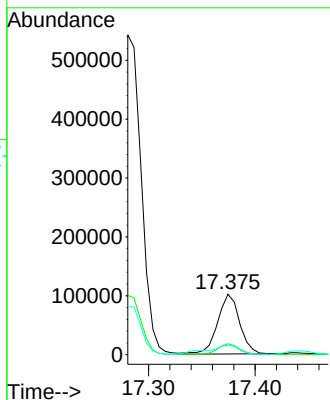
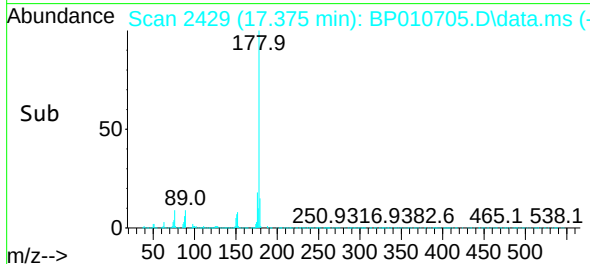
Instrument :
 BNA_P
 ClientSampleId :
 COMP-1DL



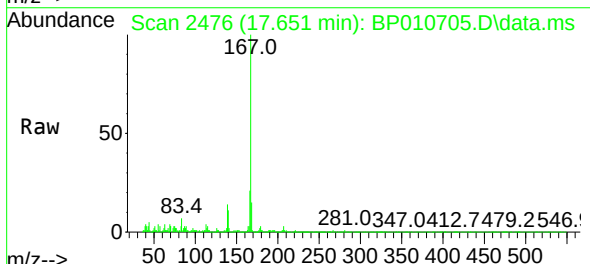
Tgt Ion:178 Resp: 14610
 Ion Ratio Lower Upper
 178 100
 176 18.0 14.5 21.7
 179 15.5 12.2 18.4

Manual Integrations
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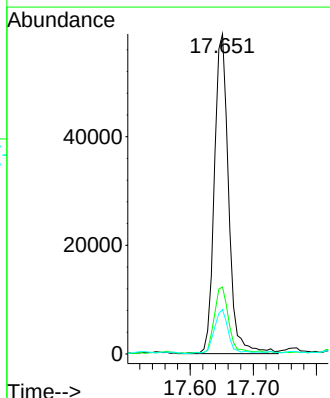
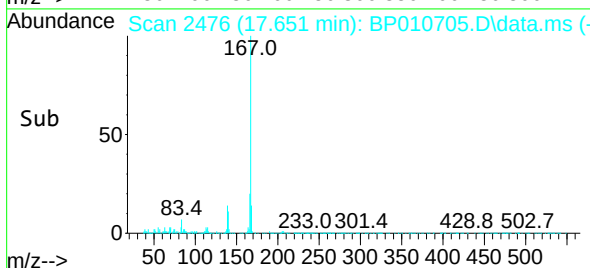
Reviewed By :Christian Giraldo 06/07/2022
 Supervised By :Jagrut Upadhyay 06/07/2022

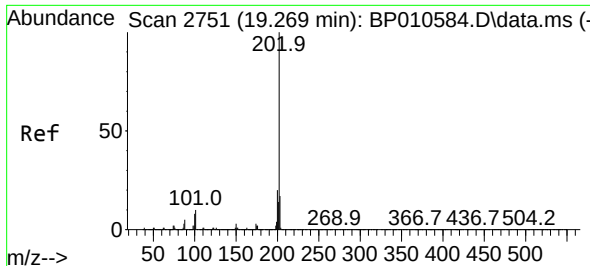


#73
 Carbazole
 Concen: 2.225 ng
 RT: 17.651 min Scan# 2476
 Delta R.T. -0.000 min
 Lab File: BP010705.D
 Acq: 06 Jun 2022 16:18



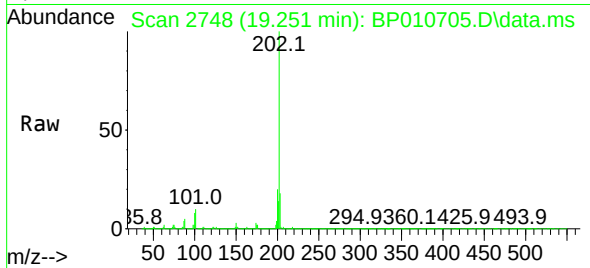
Tgt Ion:167 Resp: 92215
 Ion Ratio Lower Upper
 167 100
 166 20.9 16.9 25.3
 139 13.9 10.6 15.8





#75
Fluoranthene
Concen: 25.214 ng
RT: 19.251 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP010705.D
Acq: 06 Jun 2022 16:18

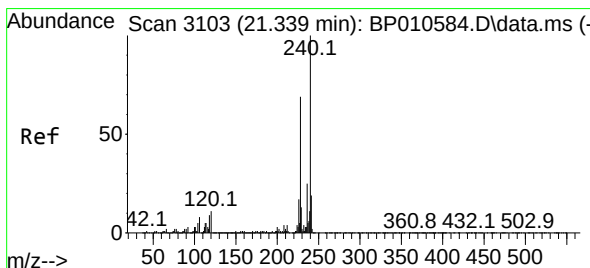
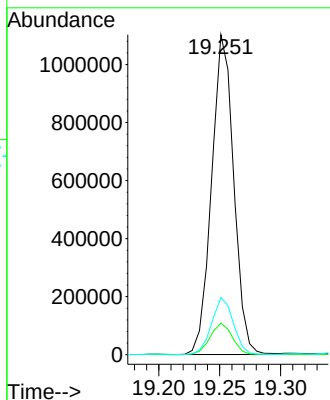
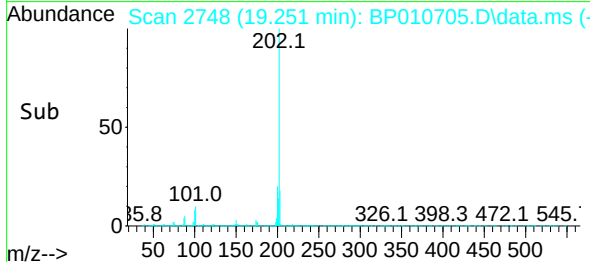
Instrument :
BNA_P
ClientSampleId :
COMP-1DL



Tgt Ion:202 Resp: 139494
Ion Ratio Lower Upper
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101 9.9 0.0 29.6
203 17.9 0.0 36.9

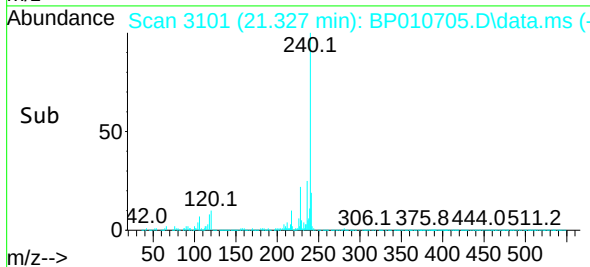
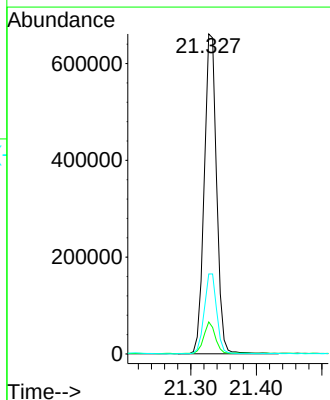
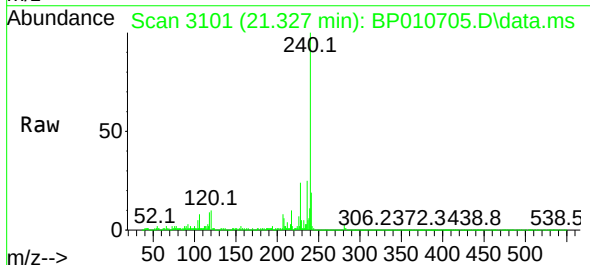
Manual Integrations
APPROVED

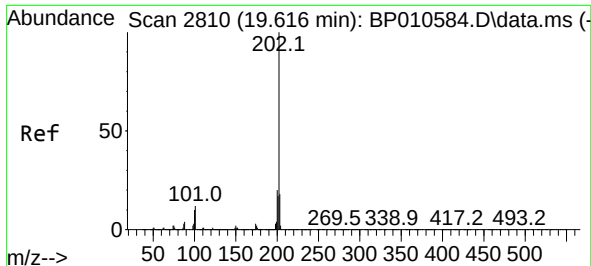
Reviewed By :Christian Giraldo 06/07/2022
Supervised By :Jagrut Upadhyay 06/07/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.327 min Scan# 3101
Delta R.T. -0.006 min
Lab File: BP010705.D
Acq: 06 Jun 2022 16:18

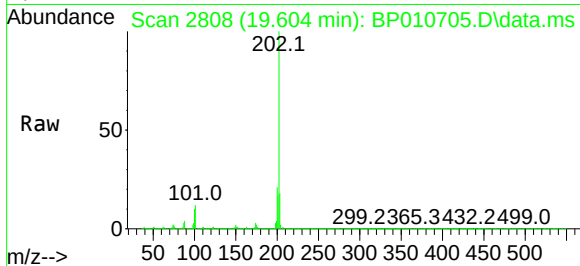
Tgt Ion:240 Resp: 867818
Ion Ratio Lower Upper
240 100
120 10.0 8.6 12.8
236 25.0 19.8 29.6





#78
Pyrene
Concen: 19.542 ng
RT: 19.604 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP010705.D
Acq: 06 Jun 2022 16:18

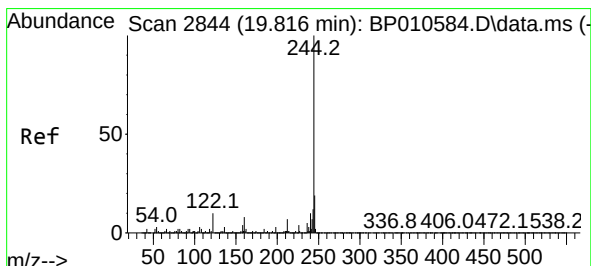
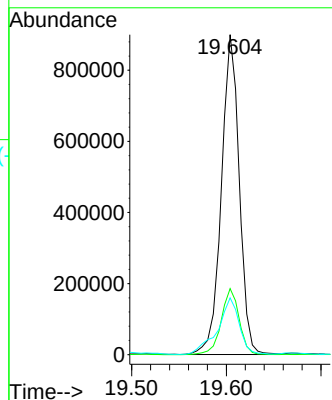
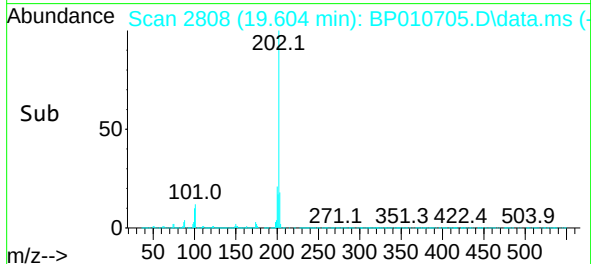
Instrument :
BNA_P
ClientSampleId :
COMP-1DL



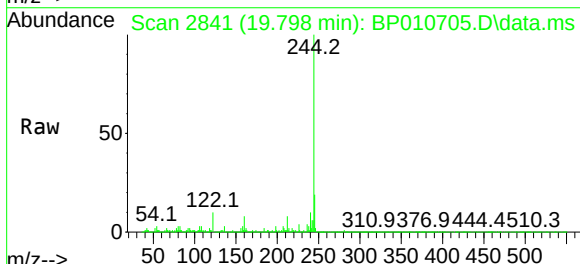
Tgt Ion:202 Resp: 118188
Ion Ratio Lower Upper
202 100
200 20.7 16.3 24.5
203 17.7 14.2 21.4

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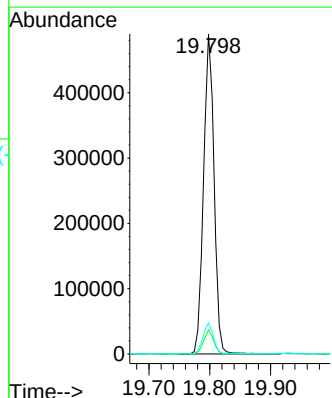
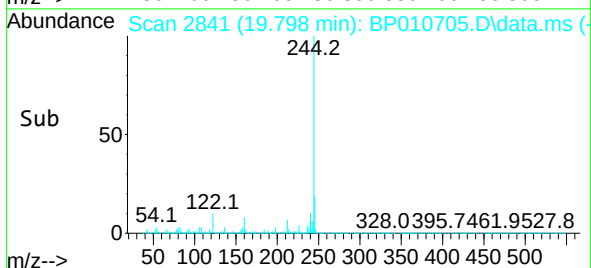
Reviewed By :Christian Giraldo 06/07/2022
Supervised By :Jagrut Upadhyay 06/07/2022

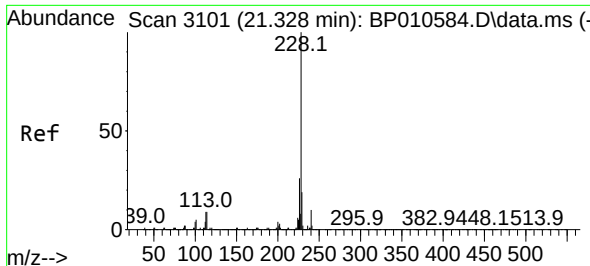


#79
Terphenyl-d14
Concen: 12.677 ng
RT: 19.798 min Scan# 2841
Delta R.T. -0.006 min
Lab File: BP010705.D
Acq: 06 Jun 2022 16:18



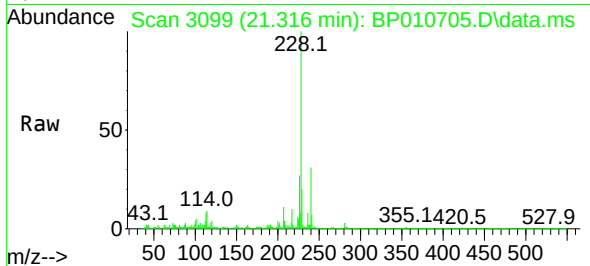
Tgt Ion:244 Resp: 585686
Ion Ratio Lower Upper
244 100
212 7.5 5.8 8.8
122 9.8 7.6 11.4





#81
Benzo(a)anthracene
Concen: 11.736 ng
RT: 21.316 min Scan# 3099
Delta R.T. -0.000 min
Lab File: BP010705.D
Acq: 06 Jun 2022 16:18

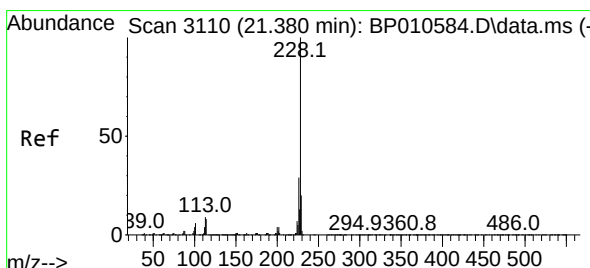
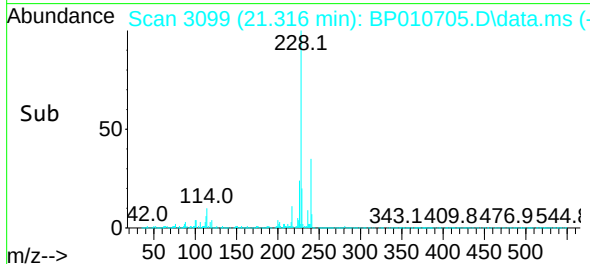
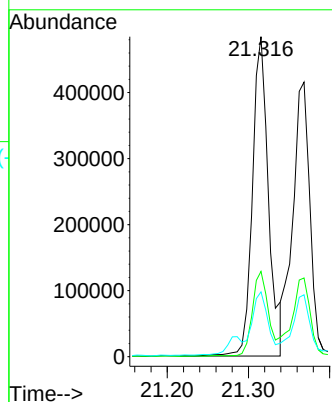
Instrument :
BNA_P
ClientSampleId :
COMP-1DL



Tgt Ion:228 Resp: 668258
Ion Ratio Lower Upper
228 100
226 26.6 20.8 31.2
229 20.2 15.2 22.8

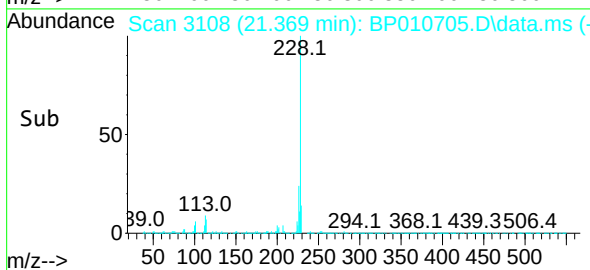
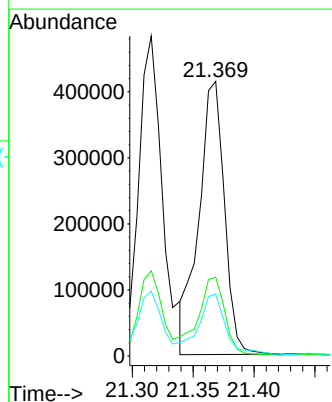
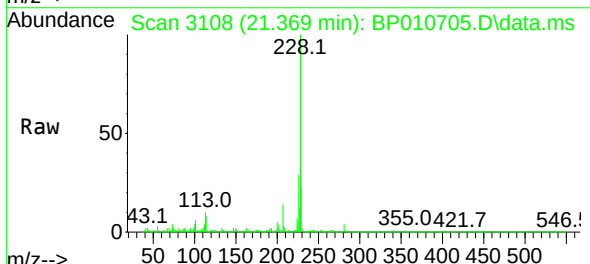
Manual Integrations
APPROVED

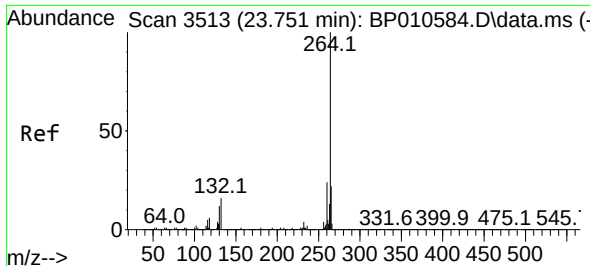
Reviewed By :Christian Giraldo 06/07/2022
Supervised By :Jagrut Upadhyay 06/07/2022



#83
Chrysene
Concen: 10.851 ng
RT: 21.369 min Scan# 3108
Delta R.T. -0.000 min
Lab File: BP010705.D
Acq: 06 Jun 2022 16:18

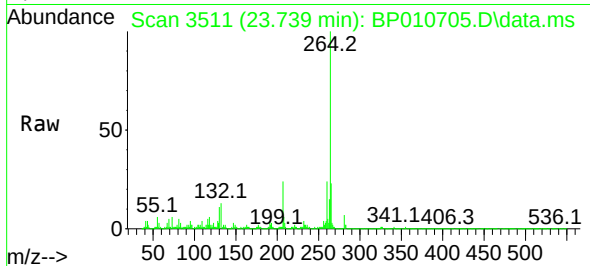
Tgt Ion:228 Resp: 606013
Ion Ratio Lower Upper
228 100
226 28.7 23.4 35.2
229 22.6 15.7 23.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.739 min Scan# 3111
Delta R.T. -0.000 min
Lab File: BP010705.D
Acq: 06 Jun 2022 16:18

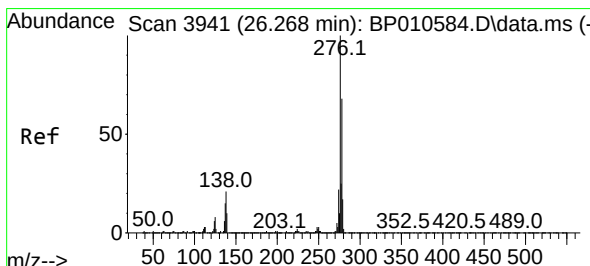
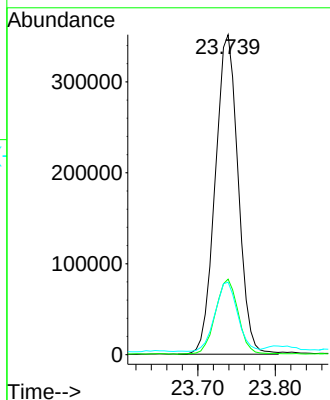
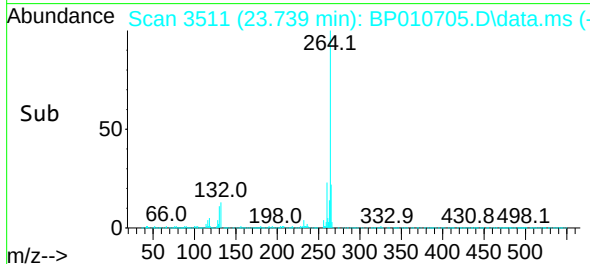
Instrument :
BNA_P
ClientSampleId :
COMP-1DL



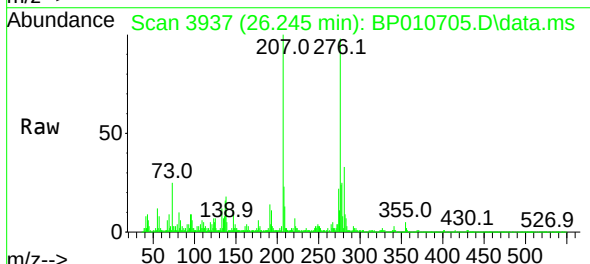
Tgt Ion:264 Resp: 72164
Ion Ratio Lower Upper
264 100
260 23.6 19.3 28.9
265 22.7 18.0 27.0

Manual Integrations
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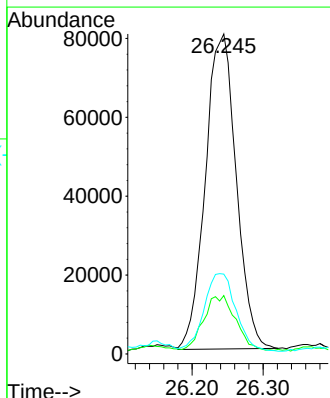
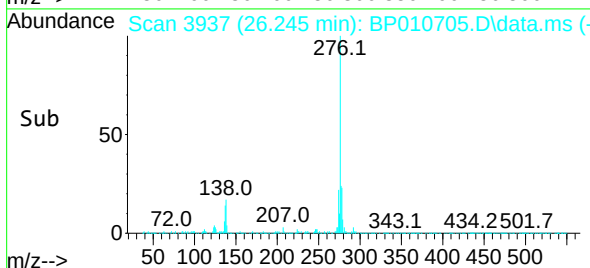
Reviewed By :Christian Giraldo 06/07/2022
Supervised By :Jagrut Upadhyay 06/07/2022

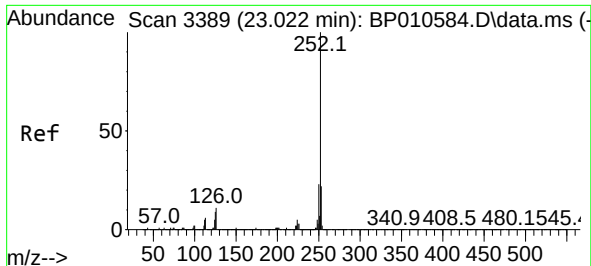


#87
Indeno(1,2,3-cd)pyrene
Concen: 4.585 ng
RT: 26.245 min Scan# 3937
Delta R.T. -0.018 min
Lab File: BP010705.D
Acq: 06 Jun 2022 16:18



Tgt Ion:276 Resp: 241229
Ion Ratio Lower Upper
276 100
138 17.9 17.5 26.3
277 25.5 20.2 30.4





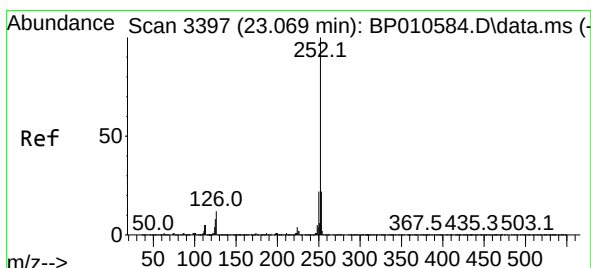
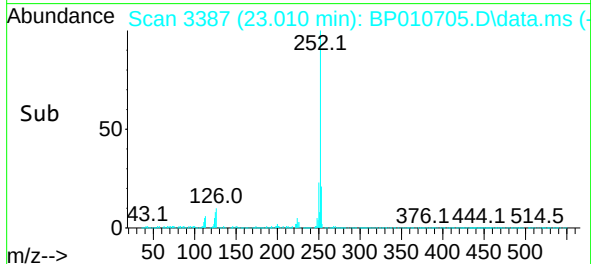
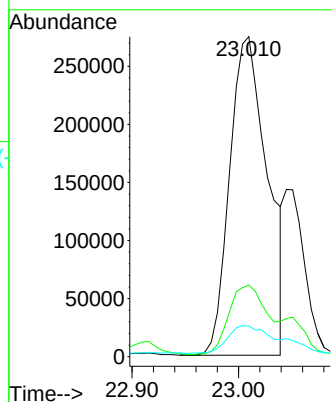
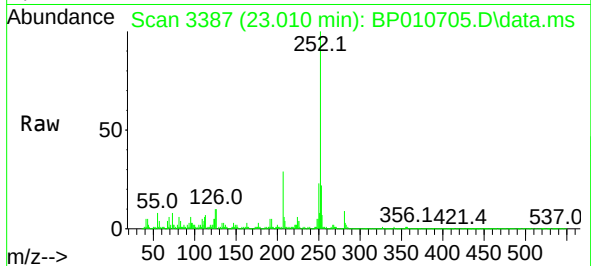
#88
Benzo(b)fluoranthene
Concen: 14.892 ng
RT: 23.010 min Scan# 31
Delta R.T. -0.000 min
Lab File: BP010705.D
Acq: 06 Jun 2022 16:18

Instrument :
BNA_P
ClientSampleId :
COMP-1DL

Tgt Ion:252 Resp: 67662
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.6
125 9.6 7.0 10.6

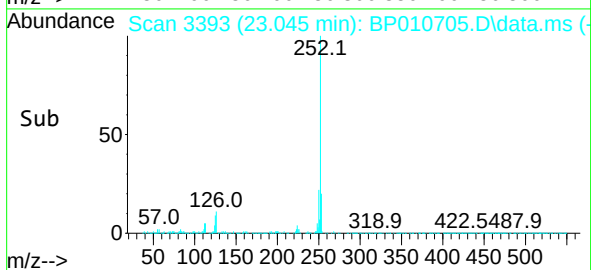
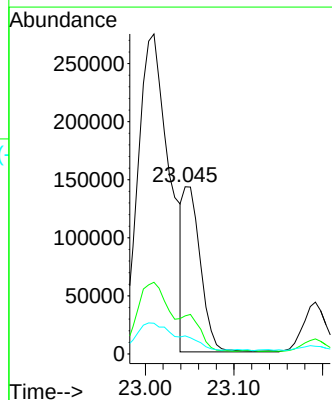
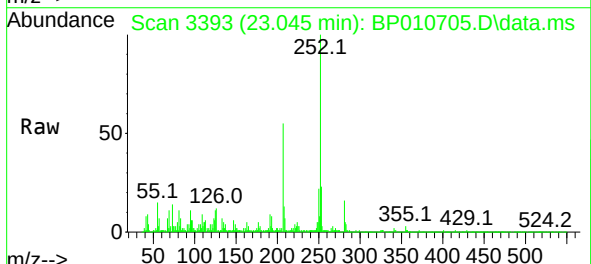
Manual Integrations
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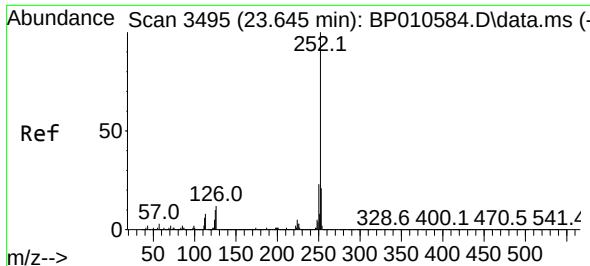
Reviewed By :Christian Giraldo 06/07/2022
Supervised By :Jagrut Upadhyay 06/07/2022



#89
Benzo(k)fluoranthene
Concen: 4.211 ng m
RT: 23.045 min Scan# 3393
Delta R.T. -0.012 min
Lab File: BP010705.D
Acq: 06 Jun 2022 16:18

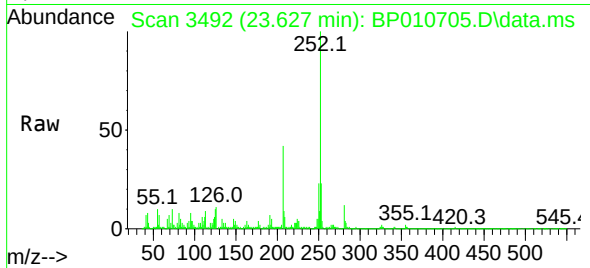
Tgt Ion:252 Resp: 193962
Ion Ratio Lower Upper
252 100
253 22.8 17.2 25.8
125 10.8 7.0 10.4#





#90
Benzo(a)pyrene
Concen: 10.877 ng
RT: 23.627 min Scan# 3495
Delta R.T. -0.006 min
Lab File: BP010705.D
Acq: 06 Jun 2022 16:18

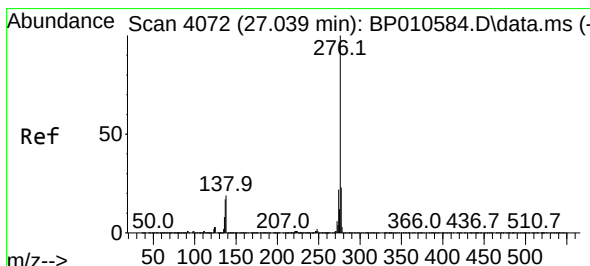
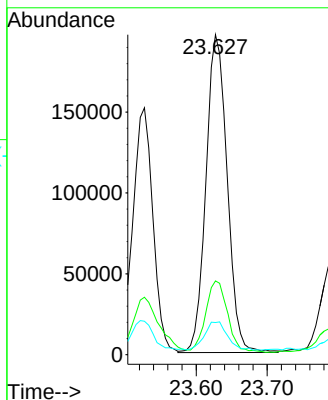
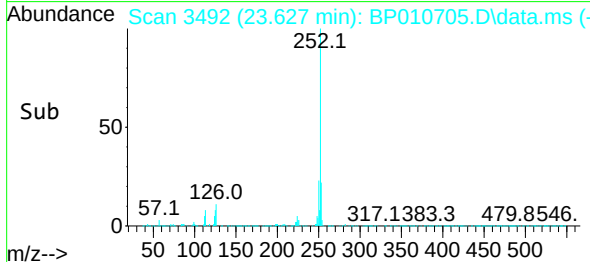
Instrument :
BNA_P
ClientSampleId :
COMP-1DL



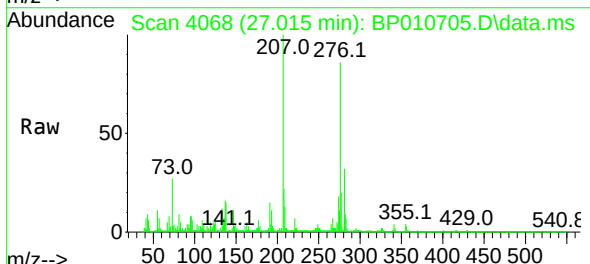
Tgt Ion: 252 Resp: 40878
Ion Ratio Lower Upper
252 100
253 23.0 17.0 25.6
125 10.1 7.9 11.9

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 06/07/2022
Supervised By : Jagrut Upadhyay 06/07/2022



#92
Benzo(g,h,i)perylene
Concen: 5.456 ng
RT: 27.015 min Scan# 4068
Delta R.T. -0.012 min
Lab File: BP010705.D
Acq: 06 Jun 2022 16:18



Tgt Ion: 276 Resp: 238679
Ion Ratio Lower Upper
276 100
277 23.8 18.7 28.1
138 18.1 15.2 22.8

