

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031022\
 Data File : BP009354.D
 Acq On : 10 Mar 2022 20:38
 Operator : CG/JU
 Sample : N1848-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CG-B2-030722-2-5

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/11/2022
 Supervised By : Jagrut Upadhyay 03/11/2022

Quant Time: Mar 11 05:03:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 05 01:55:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	462483	20.000	ng	0.00
21) Naphthalene-d8	10.610	136	1961392	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	1291772	20.000	ng	0.00
64) Phenanthrene-d10	17.216	188	2675587	20.000	ng	0.00
76) Chrysene-d12	21.321	240	2026973	20.000	ng	0.00
86) Perylene-d12	23.733	264	2115942	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	2934434	92.616	ng	0.00
7) Phenol-d6	6.993	99	3894815	96.733	ng	0.00
23) Nitrobenzene-d5	8.969	82	2506897	70.397	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	2035404	130.490	ng	0.00
45) 2-Fluorobiphenyl	13.081	172	6099887	64.939	ng	0.00
79) Terphenyl-d14	19.792	244	8643581	80.472	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.257	178	502014	3.265	ng	100
75) Fluoranthene	19.233	202	1037749	5.847	ng	99
78) Pyrene	19.586	202	950333	6.944	ng	100
81) Benzo(a)anthracene	21.310	228	459395	3.344	ng	95
83) Chrysene	21.363	228	522671	3.918	ng	96
84) Bis(2-ethylhexyl)phtha...	21.251	149	2567576	32.499	ng	99
87) Indeno(1,2,3-cd)pyrene	26.239	276	356396	2.168	ng	# 92
88) Benzo(b)fluoranthene	23.004	252	710189m	4.971	ng	
90) Benzo(a)pyrene	23.627	252	448220	3.308	ng	# 90
92) Benzo(g,h,i)perylene	27.009	276	354712	2.576	ng	96

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

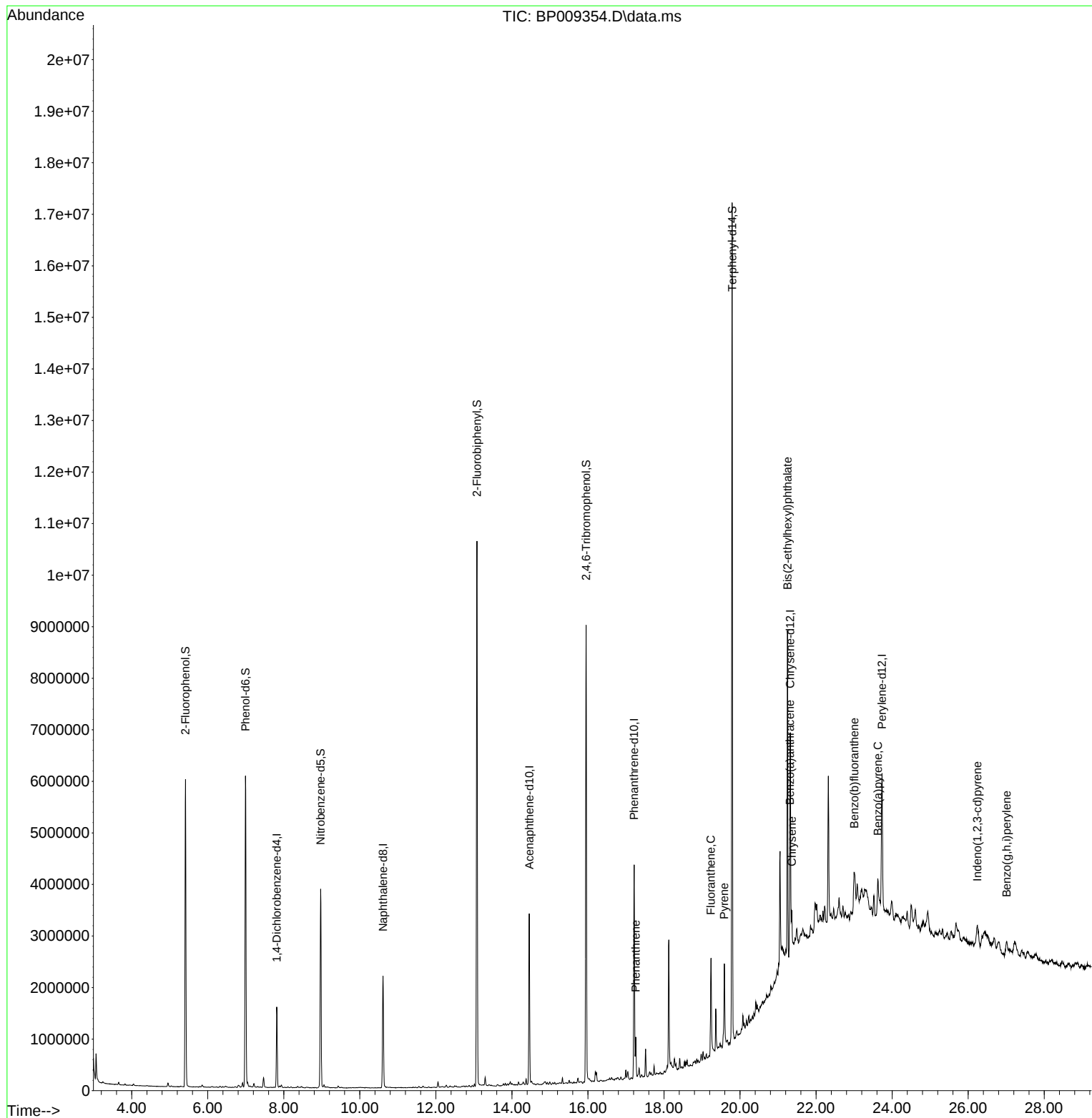
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031022\
Data File : BP009354.D
Acq On : 10 Mar 2022 20:38
Operator : CG/JU
Sample : N1848-10
Misc :
ALS Vial : 17 Sample Multiplier: 1

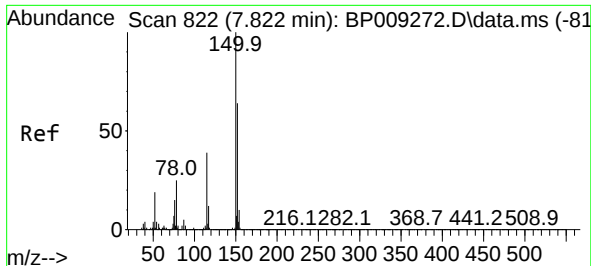
Instrument :
BNA_P
ClientSampleId :
CG-B2-030722-2-5

Quant Time: Mar 11 05:03:50 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 05 01:55:59 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

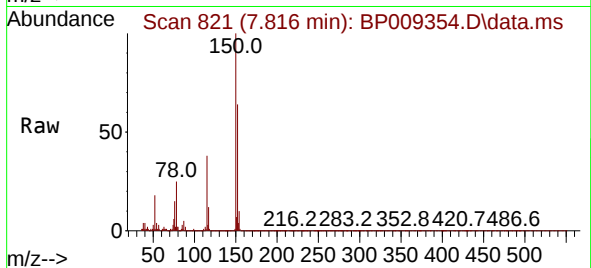
Reviewed By : Christian Giraldo 03/11/2022
Supervised By : Jagrut Upadhyay 03/11/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.816 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP009354.D
Acq: 10 Mar 2022 20:38

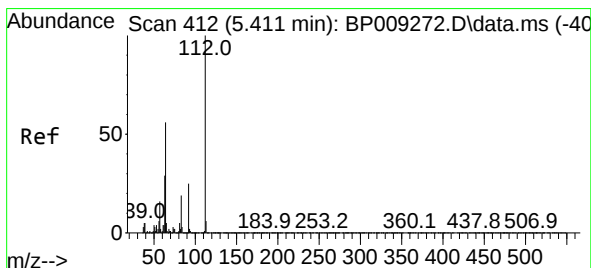
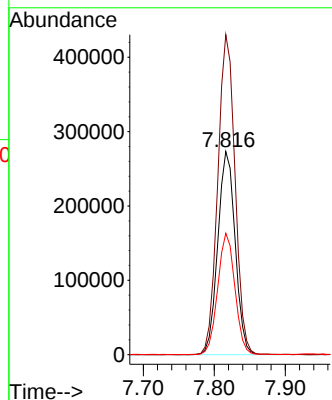
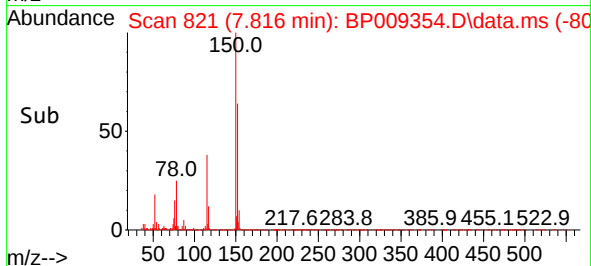
Instrument :
BNA_P
ClientSampleId :
CG-B2-030722-2-5



Tgt Ion:152 Resp: 46248
Ion Ratio Lower Upper
152 100
150 157.4 124.5 186.7
115 59.8 48.2 72.4

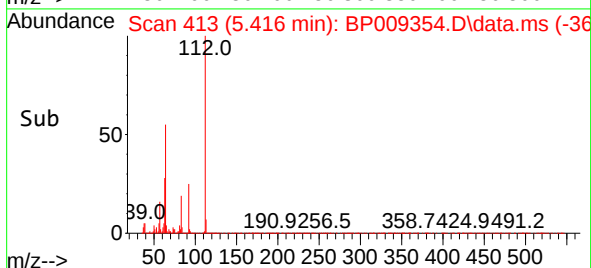
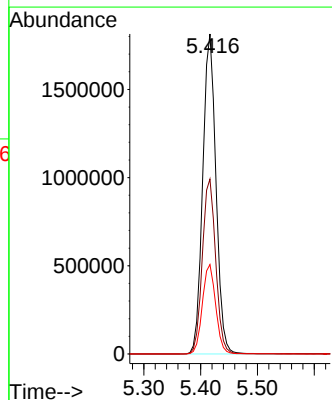
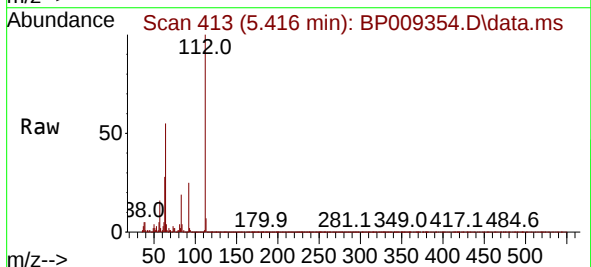
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 03/11/2022
Supervised By :Jagrut Upadhyay 03/11/2022



#5
2-Fluorophenol
Concen: 92.616 ng
RT: 5.416 min Scan# 413
Delta R.T. 0.005 min
Lab File: BP009354.D
Acq: 10 Mar 2022 20:38

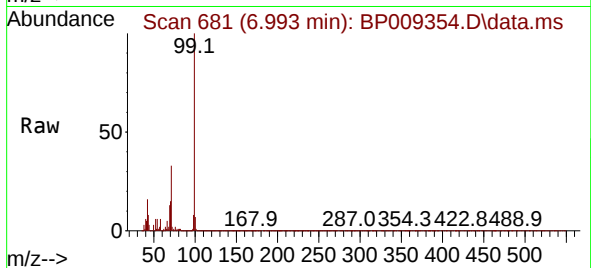
Tgt Ion:112 Resp: 2934434
Ion Ratio Lower Upper
112 100
64 54.6 45.0 67.4
63 28.0 23.0 34.6





#7
Phenol-d6
Concen: 96.733 ng
RT: 6.993 min Scan# 681
Delta R.T. 0.006 min
Lab File: BP009354.D
Acq: 10 Mar 2022 20:38

Instrument :
BNA_P
ClientSampleId :
CG-B2-030722-2-5

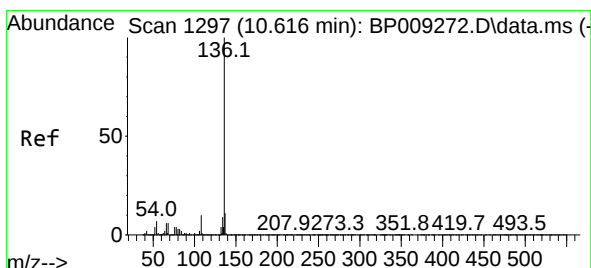
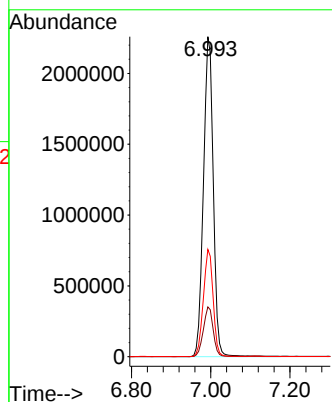
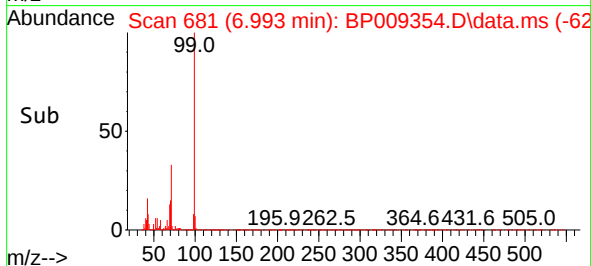


Tgt Ion: 99 Resp: 389481

Ion	Ratio	Lower	Upper
99	100		
42	15.6	12.8	19.2
71	33.5	26.3	39.5

Manual Integrations
APPROVED

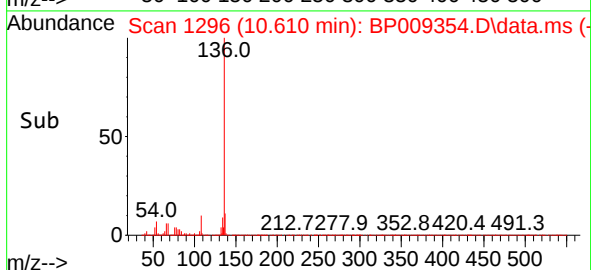
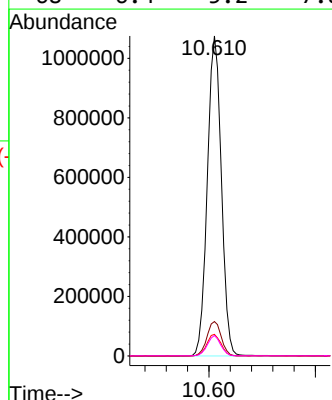
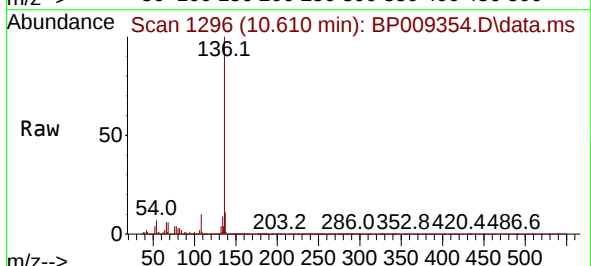
Reviewed By :Christian Giraldo 03/11/2022
Supervised By :Jagrut Upadhyay 03/11/2022

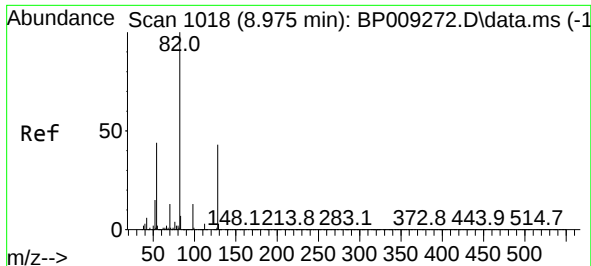


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.610 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BP009354.D
Acq: 10 Mar 2022 20:38

Tgt Ion:136 Resp: 1961392

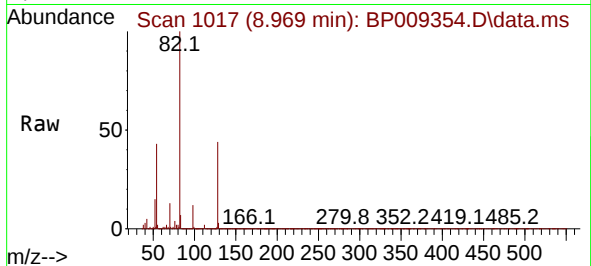
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	6.7	5.8	8.8
68	6.4	5.2	7.8





#23
Nitrobenzene-d5
Concen: 70.397 ng
RT: 8.969 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BP009354.D
Acq: 10 Mar 2022 20:38

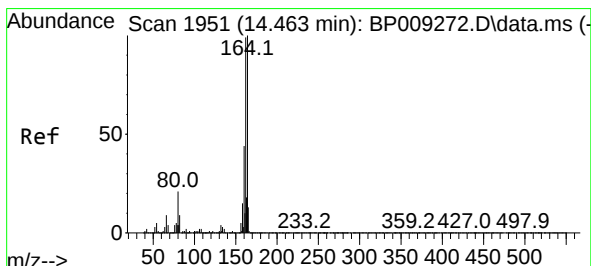
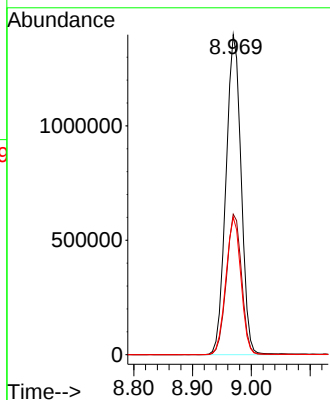
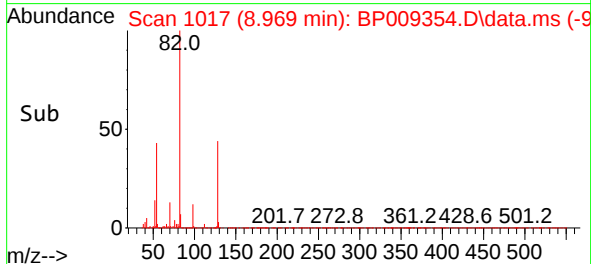
Instrument :
BNA_P
ClientSampleId :
CG-B2-030722-2-5



Tgt Ion: 82 Resp: 250689
Ion Ratio Lower Upper
82 100
128 43.9 34.2 51.4
54 42.9 34.7 52.1

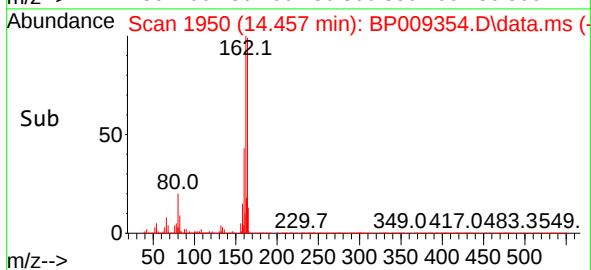
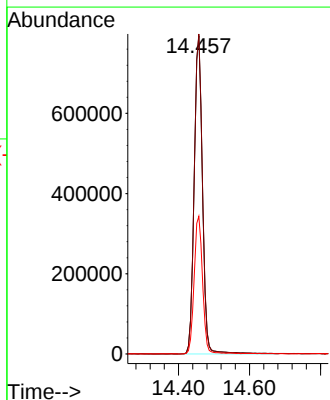
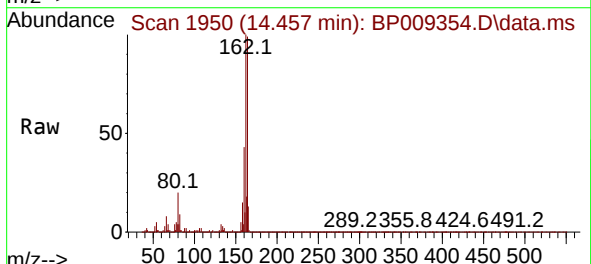
Manual Integrations
APPROVED

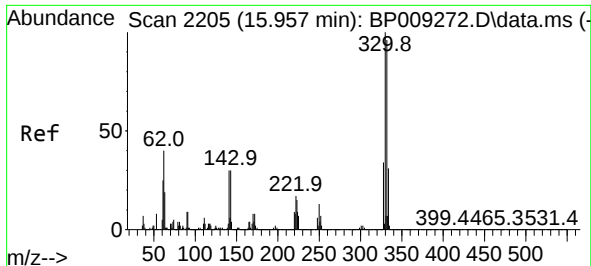
Reviewed By :Christian Giraldo 03/11/2022
Supervised By :Jagrut Upadhyay 03/11/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BP009354.D
Acq: 10 Mar 2022 20:38

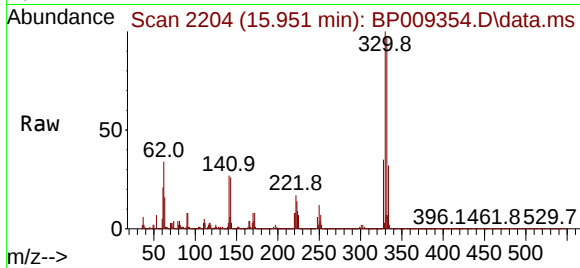
Tgt Ion:164 Resp: 1291772
Ion Ratio Lower Upper
164 100
162 100.6 79.1 118.7
160 43.3 34.9 52.3





#42
2,4,6-Tribromophenol
Concen: 130.490 ng
RT: 15.951 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009354.D
Acq: 10 Mar 2022 20:38

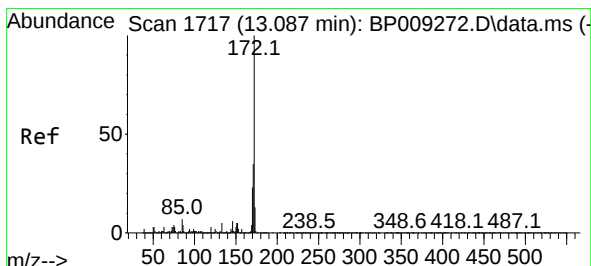
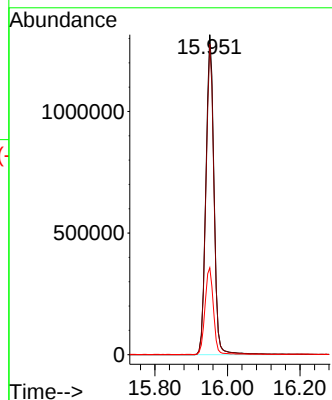
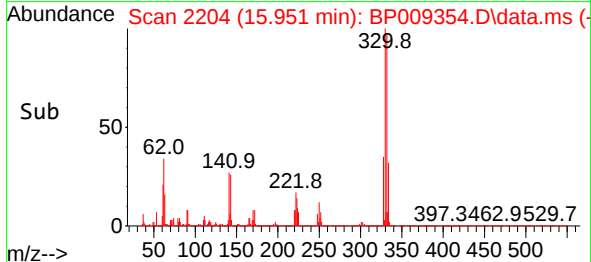
Instrument :
BNA_P
ClientSampleId :
CG-B2-030722-2-5



Tgt Ion:330 Resp: 203540
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.6
141 28.2 27.6 41.4

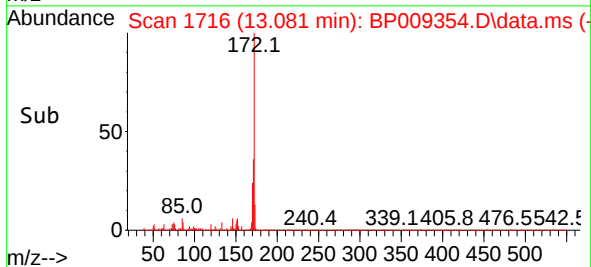
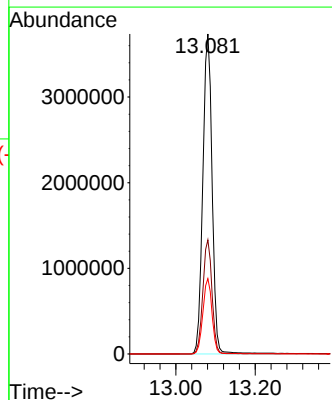
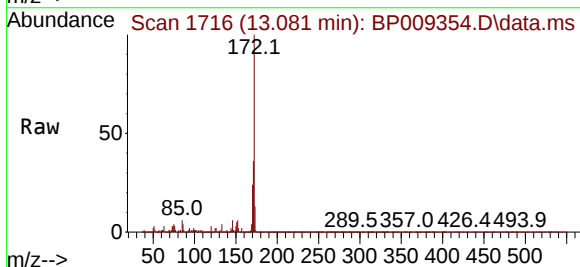
Manual Integrations
APPROVED

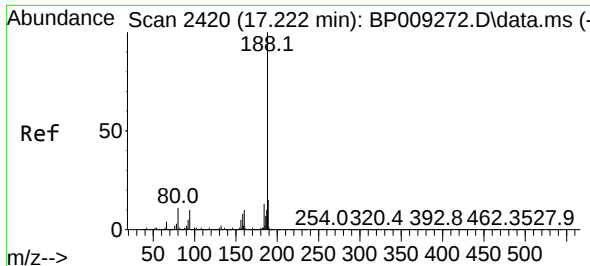
Reviewed By :Christian Giraldo 03/11/2022
Supervised By :Jagrut Upadhyay 03/11/2022



#45
2-Fluorobiphenyl
Concen: 64.939 ng
RT: 13.081 min Scan# 1716
Delta R.T. -0.006 min
Lab File: BP009354.D
Acq: 10 Mar 2022 20:38

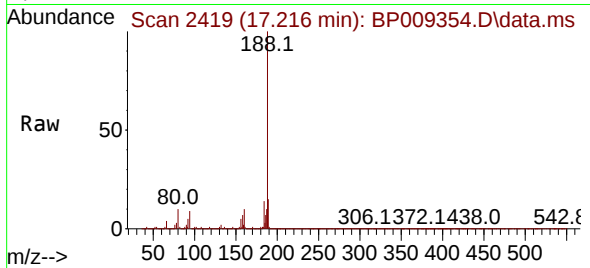
Tgt Ion:172 Resp: 6099887
Ion Ratio Lower Upper
172 100
171 35.6 28.0 42.0
170 23.5 18.6 27.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.216 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BP009354.D
Acq: 10 Mar 2022 20:38

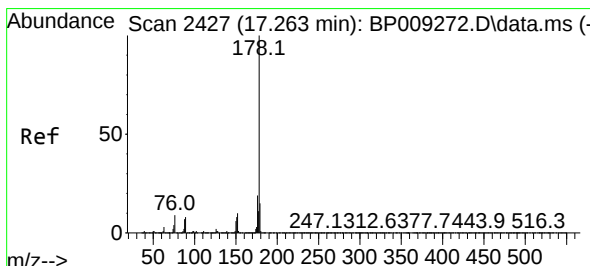
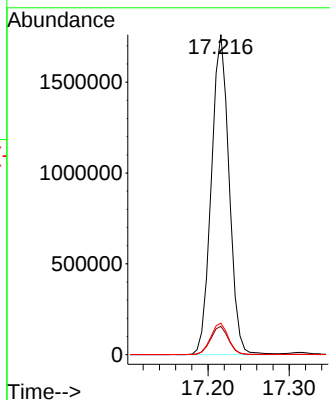
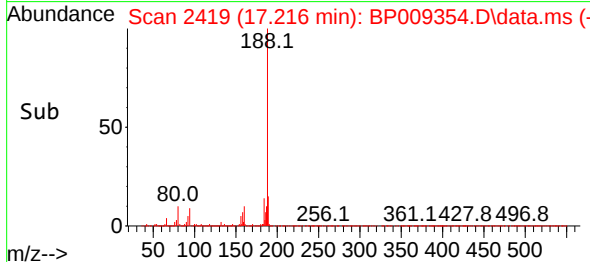
Instrument :
BNA_P
ClientSampleId :
CG-B2-030722-2-5



Tgt Ion:188 Resp: 267558
Ion Ratio Lower Upper
188 100
94 8.8 7.9 11.9
80 9.8 8.8 13.2

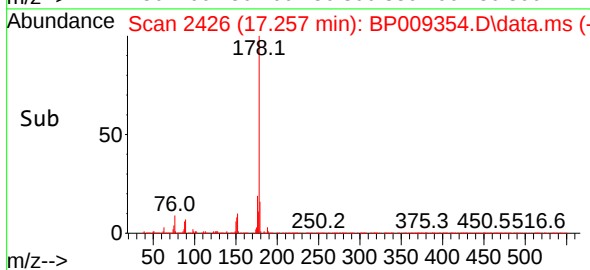
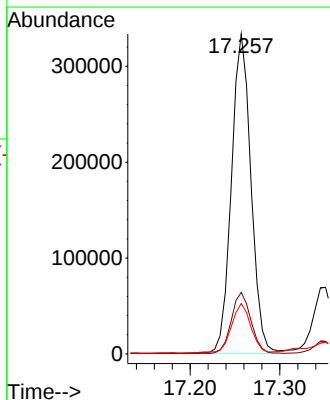
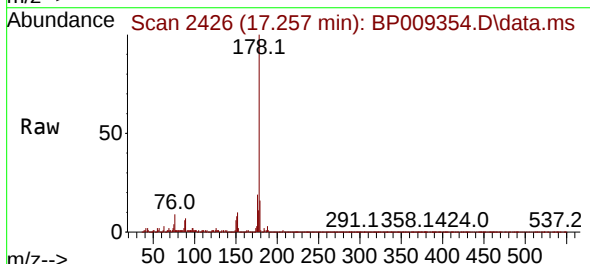
Manual Integrations
APPROVED

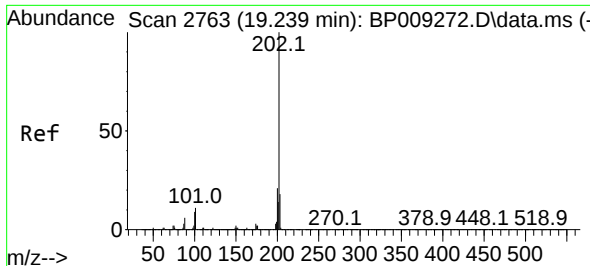
Reviewed By :Christian Giraldo 03/11/2022
Supervised By :Jagrut Upadhyay 03/11/2022



#71
Phenanthrene
Concen: 3.265 ng
RT: 17.257 min Scan# 2426
Delta R.T. -0.006 min
Lab File: BP009354.D
Acq: 10 Mar 2022 20:38

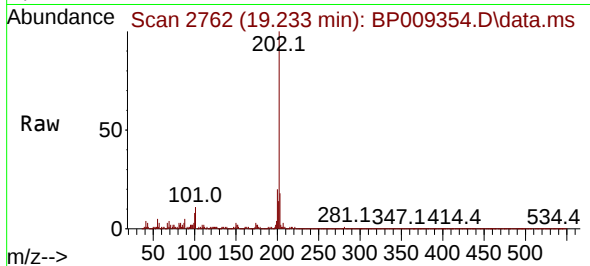
Tgt Ion:178 Resp: 502014
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 15.8 12.3 18.5





#75
Fluoranthene
Concen: 5.847 ng
RT: 19.233 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009354.D
Acq: 10 Mar 2022 20:38

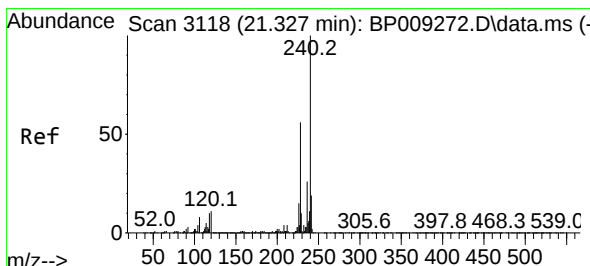
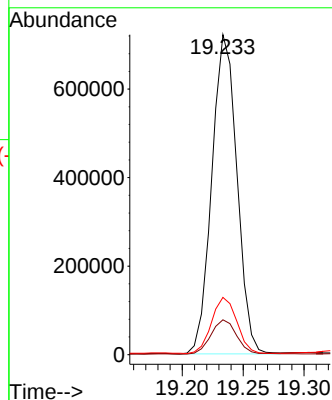
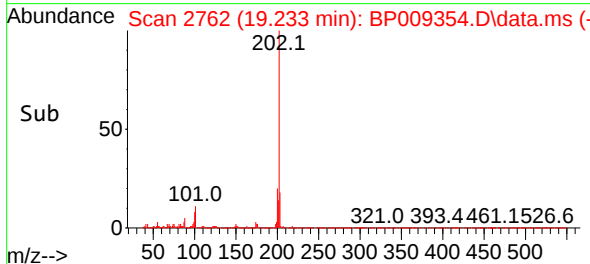
Instrument :
BNA_P
ClientSampleId :
CG-B2-030722-2-5



Tgt Ion:202 Resp: 1037749
Ion Ratio Lower Upper
202 100
101 10.9 0.0 31.5
203 17.9 0.0 37.8

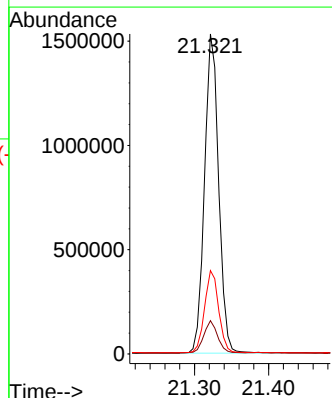
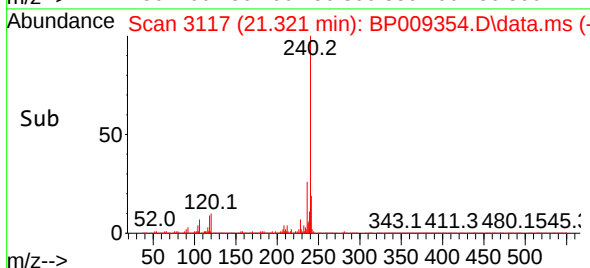
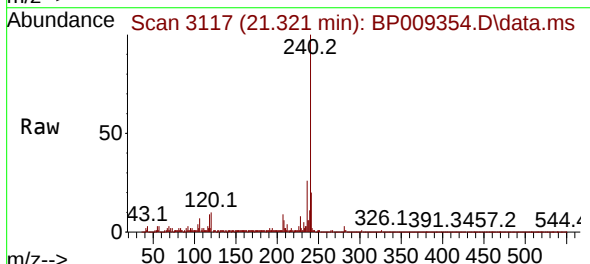
Manual Integrations
APPROVED

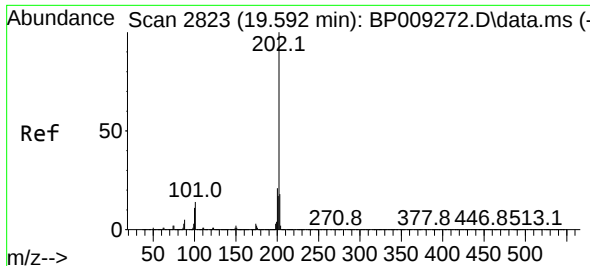
Reviewed By :Christian Giraldo 03/11/2022
Supervised By :Jagrut Upadhyay 03/11/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.321 min Scan# 3117
Delta R.T. -0.006 min
Lab File: BP009354.D
Acq: 10 Mar 2022 20:38

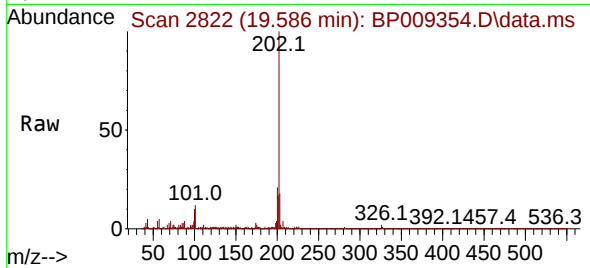
Tgt Ion:240 Resp: 2026973
Ion Ratio Lower Upper
240 100
120 10.4 9.0 13.4
236 26.0 20.6 30.8





#78
Pyrene
Concen: 6.944 ng
RT: 19.586 min Scan# 2822
Delta R.T. -0.006 min
Lab File: BP009354.D
Acq: 10 Mar 2022 20:38

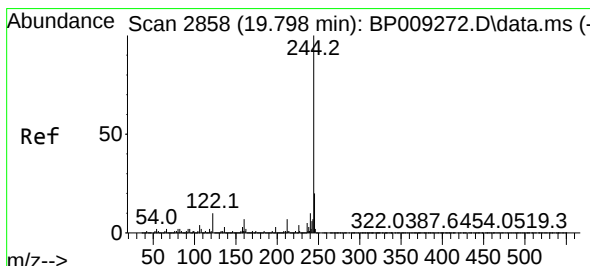
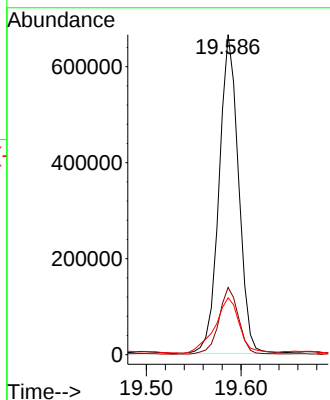
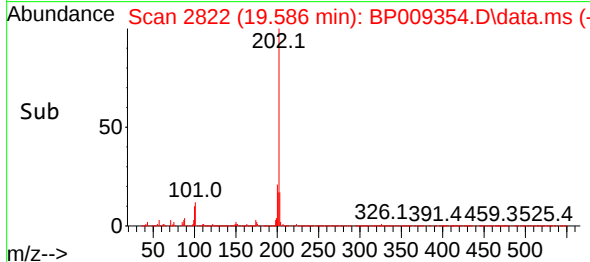
Instrument :
BNA_P
ClientSampleId :
CG-B2-030722-2-5



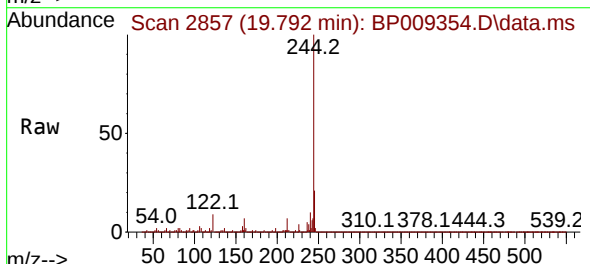
Tgt Ion: 202 Resp: 950333
Ion Ratio Lower Upper
202 100
200 21.0 16.8 25.2
203 17.8 14.2 21.4

Manual Integrations
APPROVED

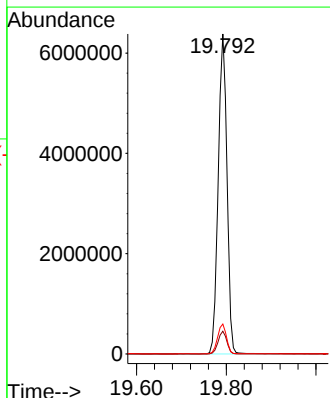
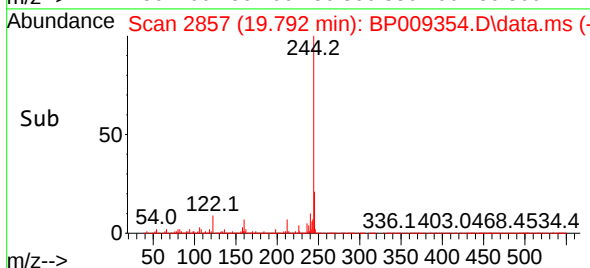
Reviewed By : Christian Giraldo 03/11/2022
Supervised By : Jagrut Upadhyay 03/11/2022

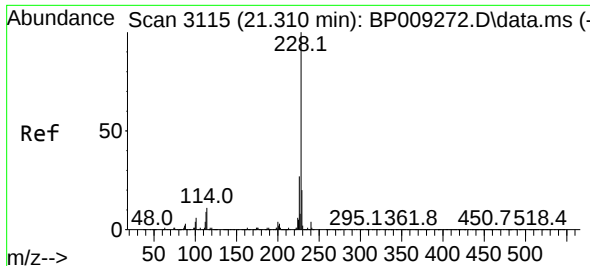


#79
Terphenyl-d14
Concen: 80.472 ng
RT: 19.792 min Scan# 2857
Delta R.T. -0.006 min
Lab File: BP009354.D
Acq: 10 Mar 2022 20:38



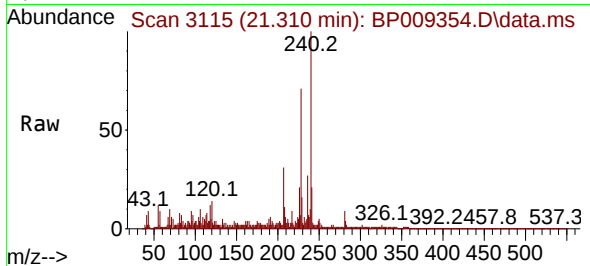
Tgt Ion: 244 Resp: 8643581
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.6
122 9.3 8.3 12.5





#81
Benzo(a)anthracene
Concen: 3.344 ng
RT: 21.310 min Scan# 3115
Delta R.T. -0.000 min
Lab File: BP009354.D
Acq: 10 Mar 2022 20:38

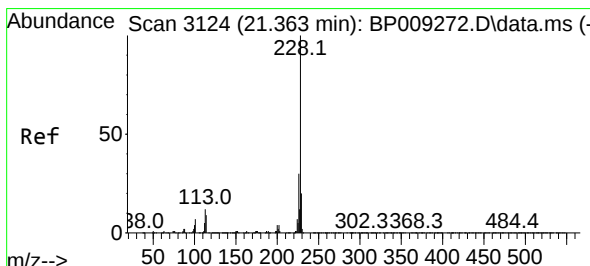
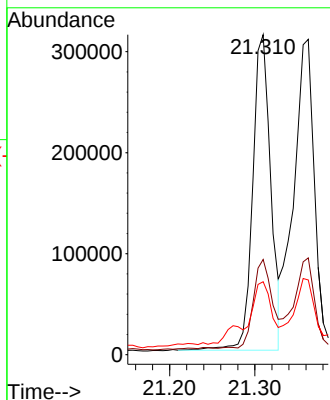
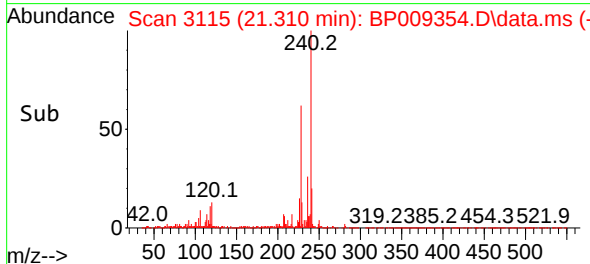
Instrument :
BNA_P
ClientSampleId :
CG-B2-030722-2-5



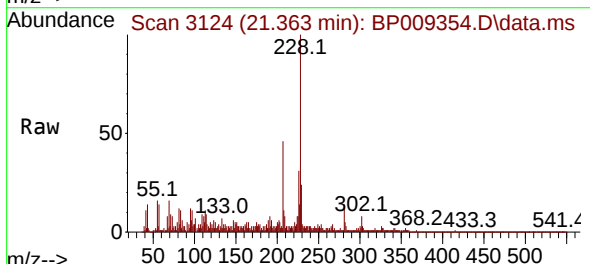
Tgt Ion:228 Resp: 459395
Ion Ratio Lower Upper
228 100
226 29.7 22.0 33.0
229 22.8 16.1 24.1

Manual Integrations
APPROVED

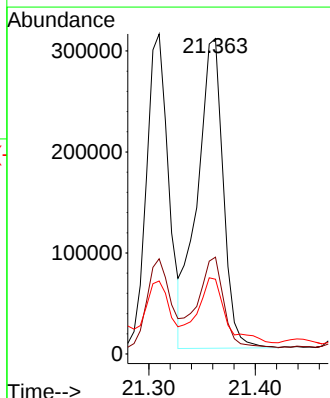
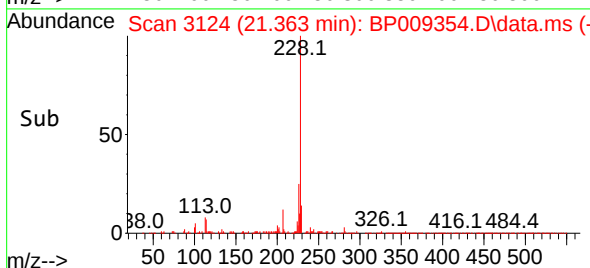
Reviewed By :Christian Giraldo 03/11/2022
Supervised By :Jagrut Upadhyay 03/11/2022

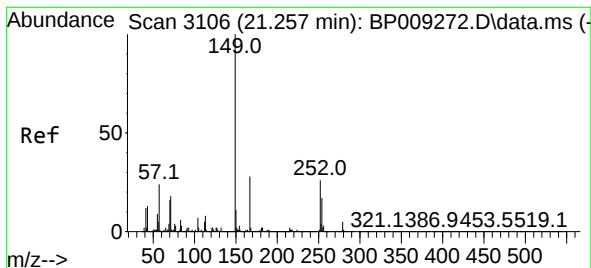


#83
Chrysene
Concen: 3.918 ng
RT: 21.363 min Scan# 3124
Delta R.T. -0.000 min
Lab File: BP009354.D
Acq: 10 Mar 2022 20:38



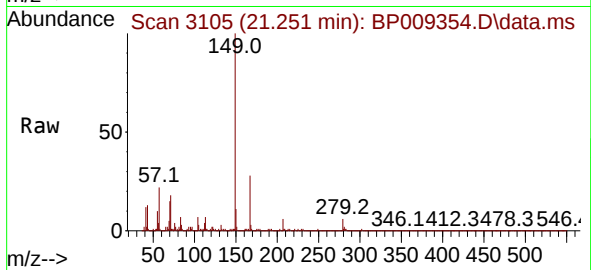
Tgt Ion:228 Resp: 522671
Ion Ratio Lower Upper
228 100
226 30.7 24.2 36.2
229 23.7 16.1 24.1





#84
Bis(2-ethylhexyl)phthalate
Concen: 32.499 ng
RT: 21.251 min Scan# 3105
Delta R.T. -0.006 min
Lab File: BP009354.D
Acq: 10 Mar 2022 20:38

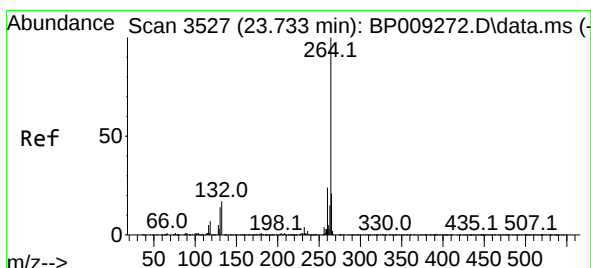
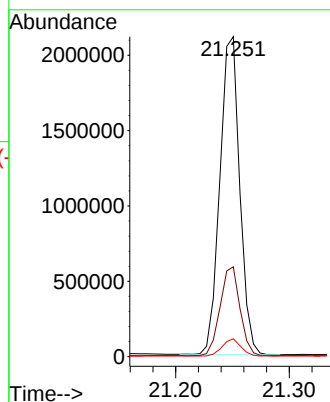
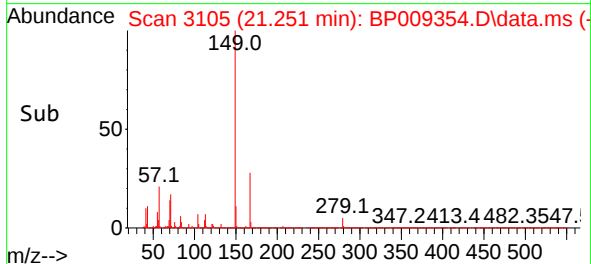
Instrument :
BNA_P
ClientSampleId :
CG-B2-030722-2-5



Tgt Ion:149 Resp: 2567570
Ion Ratio Lower Upper
149 100
167 28.1 22.6 33.8
279 5.6 3.8 5.6

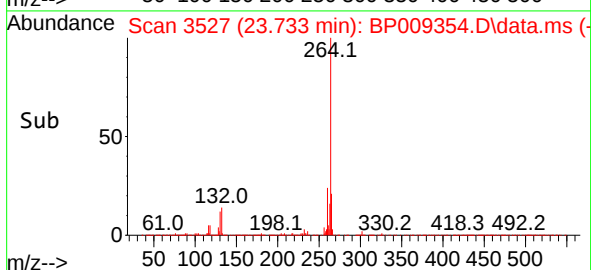
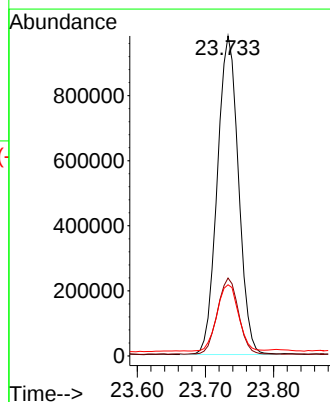
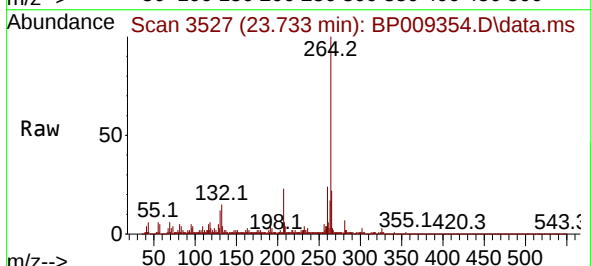
Manual Integrations
APPROVED

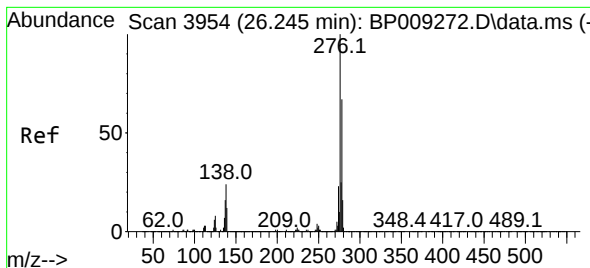
Reviewed By :Christian Giraldo 03/11/2022
Supervised By :Jagrut Upadhyay 03/11/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.733 min Scan# 3527
Delta R.T. -0.000 min
Lab File: BP009354.D
Acq: 10 Mar 2022 20:38

Tgt Ion:264 Resp: 2115942
Ion Ratio Lower Upper
264 100
260 24.4 19.4 29.0
265 22.2 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 2.168 ng

RT: 26.239 min Scan# 3954

Delta R.T. -0.006 min

Lab File: BP009354.D

Acq: 10 Mar 2022 20:38

Instrument :

BNA_P

ClientSampleId :

CG-B2-030722-2-5

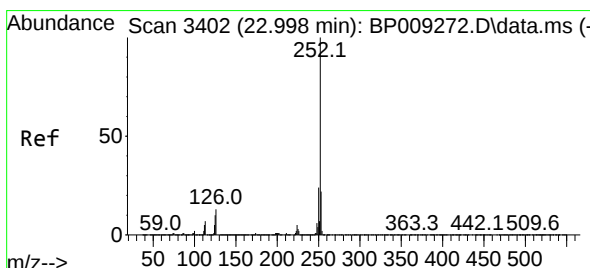
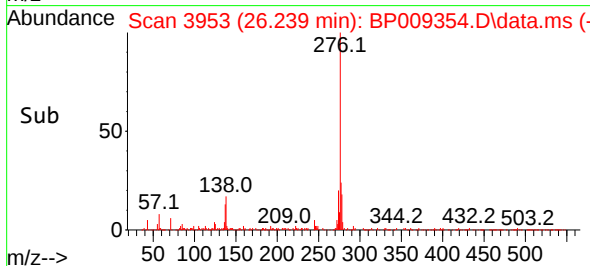
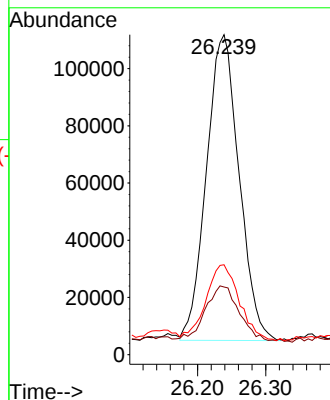
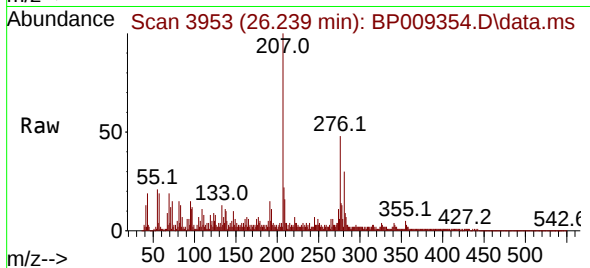
Tgt Ion: 276 Resp: 356390
 Ion Ratio Lower Upper
 276 100
 138 18.0 20.5 30.7
 277 25.5 20.4 30.6

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 03/11/2022

Supervised By : Jagrut Upadhyay 03/11/2022



#88

Benzo(b)fluoranthene

Concen: 4.971 ng m

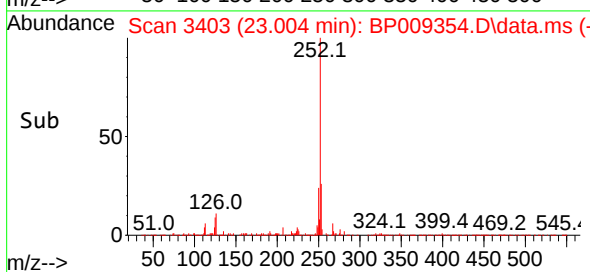
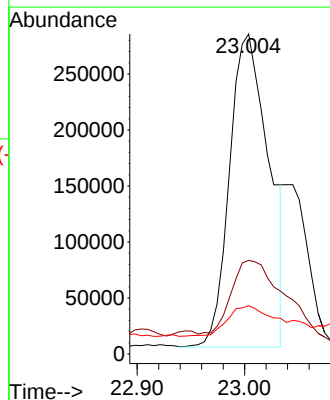
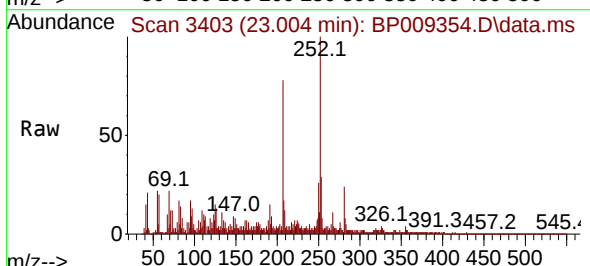
RT: 23.004 min Scan# 3403

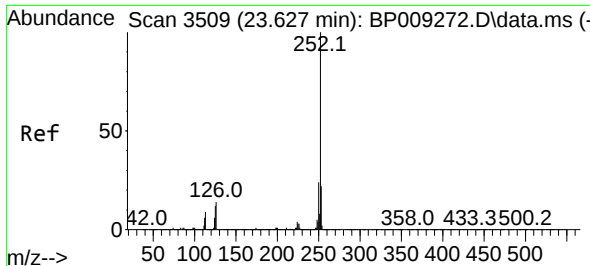
Delta R.T. 0.006 min

Lab File: BP009354.D

Acq: 10 Mar 2022 20:38

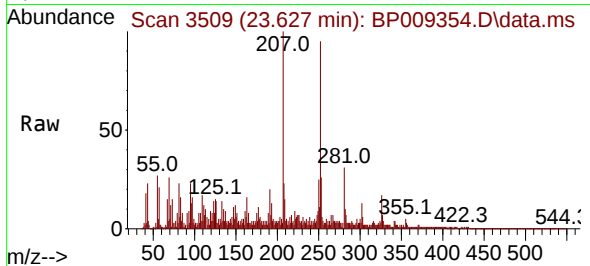
Tgt Ion: 252 Resp: 710189
 Ion Ratio Lower Upper
 252 100
 253 29.3 17.8 26.8#
 125 15.0 8.1 12.1#





#90
Benzo(a)pyrene
Concen: 3.308 ng
RT: 23.627 min Scan# 3509
Delta R.T. -0.000 min
Lab File: BP009354.D
Acq: 10 Mar 2022 20:38

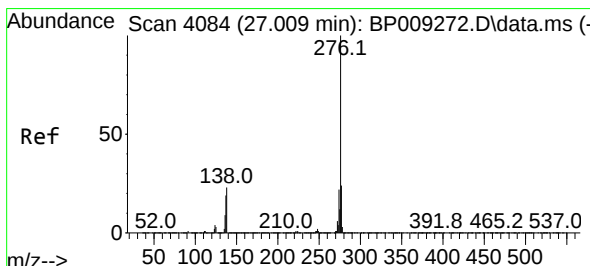
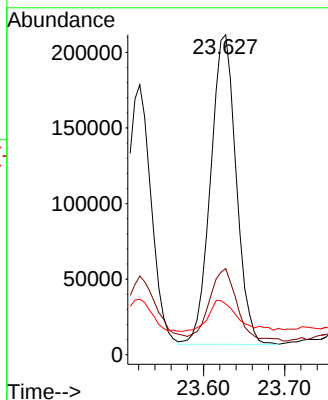
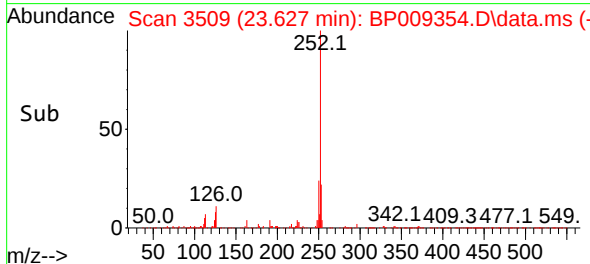
Instrument :
BNA_P
ClientSampleId :
CG-B2-030722-2-5



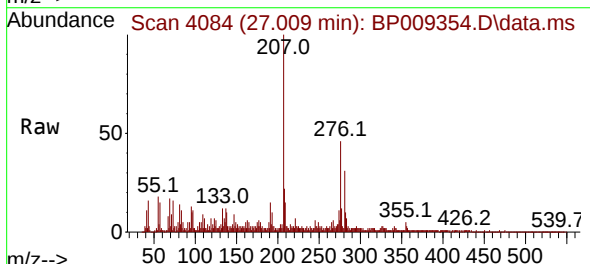
Tgt Ion: 252 Resp: 448220
Ion Ratio Lower Upper
252 100
253 26.9 17.8 26.6
125 15.8 9.3 13.9

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 03/11/2022
Supervised By : Jagrut Upadhyay 03/11/2022



#92
Benzo(g,h,i)perylene
Concen: 2.576 ng
RT: 27.009 min Scan# 4084
Delta R.T. -0.000 min
Lab File: BP009354.D
Acq: 10 Mar 2022 20:38



Tgt Ion: 276 Resp: 354712
Ion Ratio Lower Upper
276 100
277 27.0 19.2 28.8
138 21.9 18.0 27.0

