

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
 Data File : BP014951.D
 Acq On : 04 May 2023 14:26
 Operator : CG/JU
 Sample : 02447-20
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW938

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/05/2023
 Supervised By : Jagrut Upadhyay 05/05/2023

Quant Time: May 04 23:50:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 04 11:40:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.169	152	245885	20.000	ng/u1	0.00
20) Naphthalene-d8	10.999	136	920500	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.810	164	530180	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.563	188	1135709	20.000	ng/u1	0.00
79) Chrysene-d12	21.645	240	1042999	20.000	ng/u1	0.00
88) Perylene-d12	24.251	264	1252649	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.464	96	9139	1.382	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.311	99	119117	5.588	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.481	67	105606	8.015	ng/u1	0.00
11) 2-Chlorophenol-d4	7.687	132	94980	6.059	ng/u1	0.00
15) 4-Methylphenol-d8	8.869	113	74309	4.523	ng/u1	0.00
21) Nitrobenzene-d5	9.340	128	60251	9.203	ng/u1	0.00
24) 2-Nitrophenol-d4	10.069	143	42338	6.298	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.616	165	62918	4.767	ng/u1	0.00
31) 4-Chloroaniline-d4	11.134	131	59051	3.093	ng/u1	0.00
46) Dimethylphthalate-d6	14.210	166	362099	9.650	ng/u1	0.00
49) Acenaphthylene-d8	14.504	160	467063	10.379	ng/u1	0.00
54) 4-Nitrophenol-d4	14.992	143	4903	0.751	ng/u1	0.00
60) Fluorene-d10	15.798	176	349512	10.827	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.916	200	2877	0.450	ng/u1	0.00
73) Anthracene-d10	17.663	188	560307	10.980	ng/u1	0.00
81) Pyrene-d10	19.886	212	685280	9.742	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.080	264	695754	11.399	ng/u1	0.01
Target Compounds						
					Qvalue	
8) Phenol	7.340	94	40056	1.790	ng/u1	97
16) Acetophenone	8.999	105	98426	3.664	ng/u1	99
50) Acenaphthylene	14.534	152	57241	1.122	ng/u1	97
72) Phenanthrene	17.610	178	691381	11.019	ng/u1	98
74) Anthracene	17.698	178	178004	2.850	ng/u1	97
77) Carbazole	17.963	167	67543	1.286	ng/u1	94
78) Di-n-butylphthalate	18.492	149	287981	4.902	ng/u1	98
80) Fluoranthene	19.557	202	1527004	17.690	ng/u1	99
82) Pyrene	19.910	202	1465216	16.022	ng/u1	100
83) Butylbenzylphthalate	20.763	149	275861	10.047	ng/u1	99
85) Benzo(a)anthracene	21.627	228	955838	13.730	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.533	149	6249084	180.881	ng/u1#	98
87) Chrysene	21.686	228	1048502	14.958	ng/u1	98
89) Di-n-octyl phthalate	22.521	149	390336	5.337	ng/u1	100
90) Benzo(b)fluoranthene	23.451	252	1698653	20.982	ng/u1#	96
91) Benzo(k)fluoranthene	23.498	252	515268m	6.254	ng/u1	
93) Benzo(a)pyrene	24.139	252	1077214	15.172	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	27.009	276	1020528	11.784	ng/u1	97
95) Dibenzo(a,h)anthracene	27.021	278	261927	3.690	ng/u1#	92
96) Benzo(g,h,i)perylene	27.862	276	1026509	13.926	ng/u1	99

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

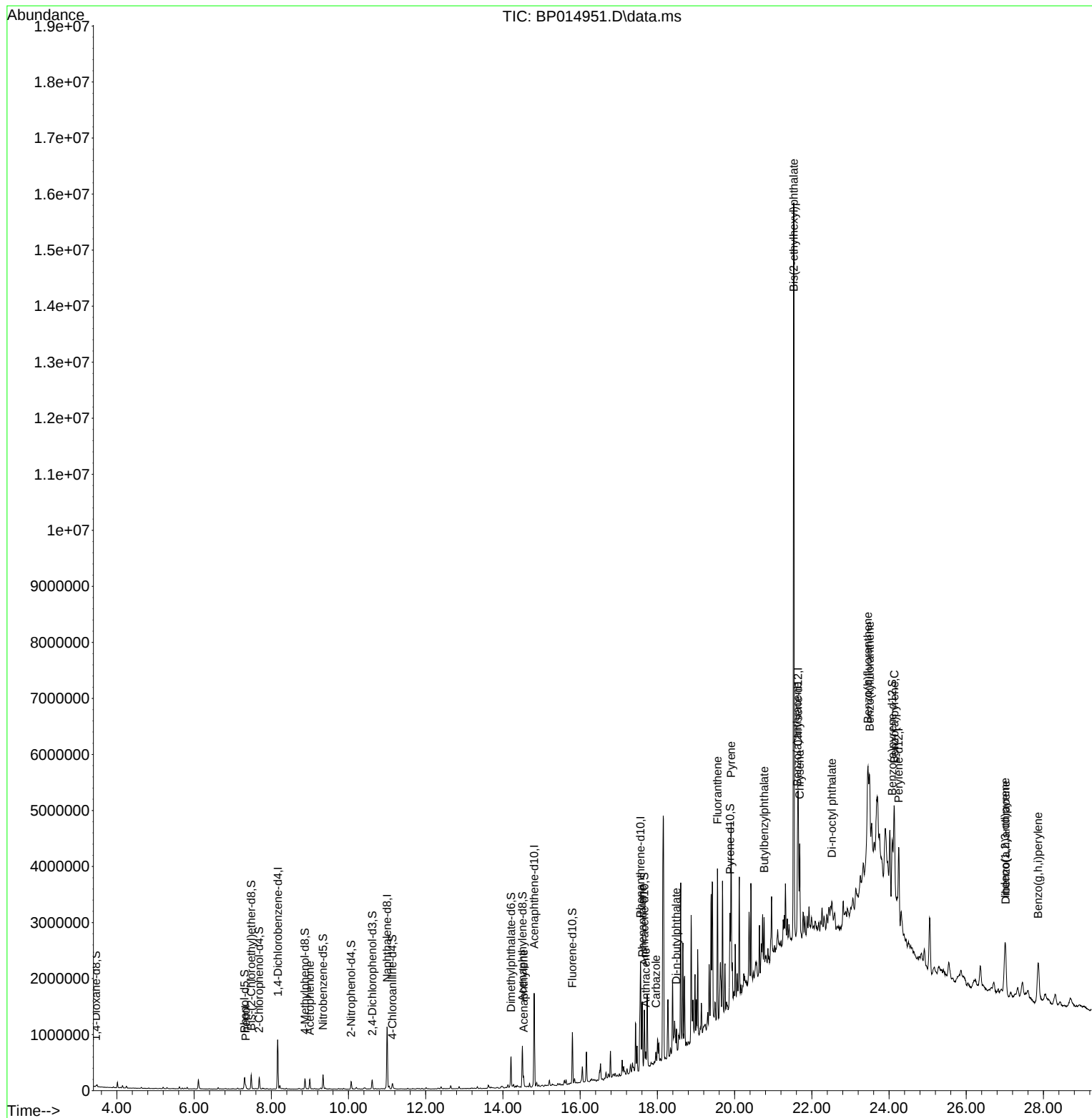
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
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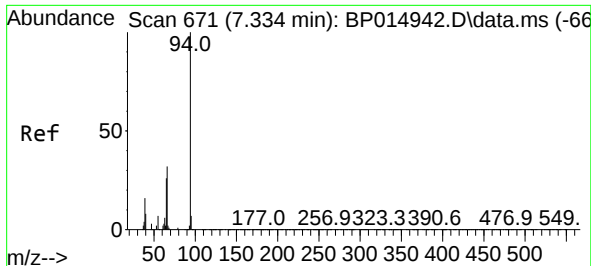
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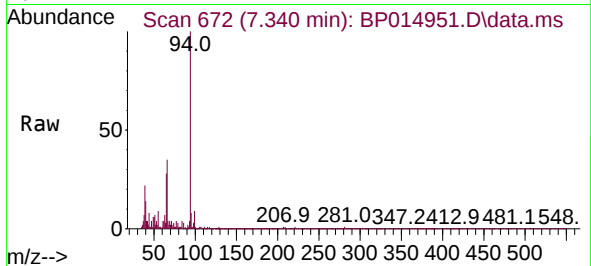
Reviewed By : Christian Giraldo 05/05/2023
 Supervised By : Jagrut Upadhyay 05/05/2023





#8
Phenol
Concen: 1.790 ng/ul
RT: 7.340 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP014951.D
Acq: 04 May 2023 14:26

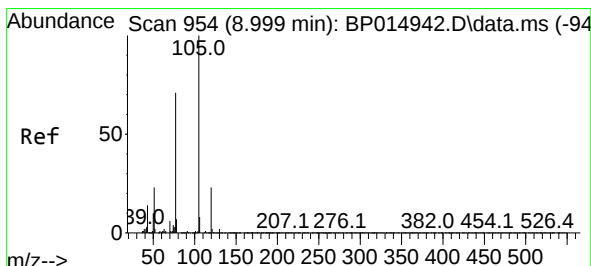
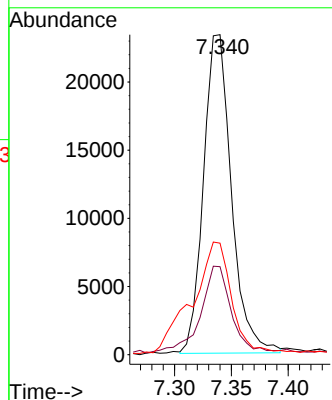
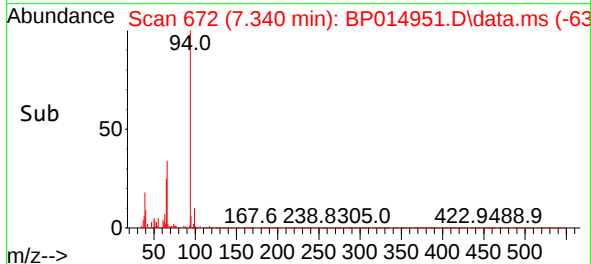
Instrument :
BNA_P
ClientSampleId :
EW938



Tgt Ion: 94 Resp: 40050
Ion Ratio Lower Upper
94 100
65 27.5 21.4 32.0
66 34.9 25.8 38.8

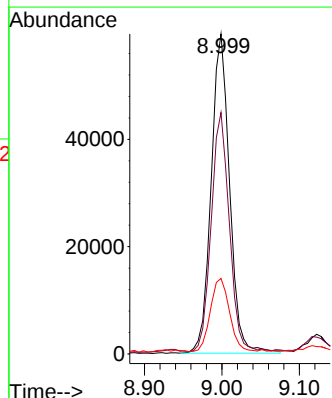
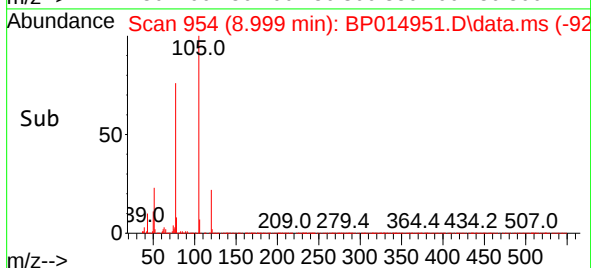
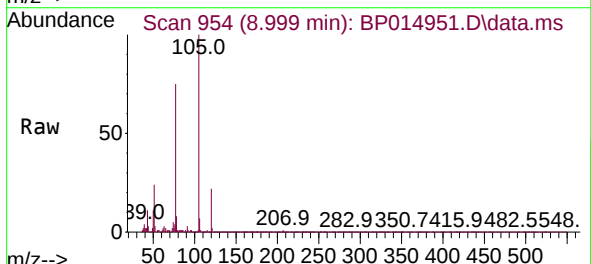
Manual Integrations
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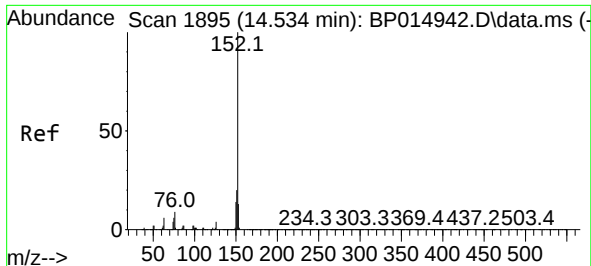
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#16
Acetophenone
Concen: 3.664 ng/ul
RT: 8.999 min Scan# 954
Delta R.T. -0.000 min
Lab File: BP014951.D
Acq: 04 May 2023 14:26

Tgt Ion:105 Resp: 98426
Ion Ratio Lower Upper
105 100
77 75.5 61.2 91.8
51 23.6 19.4 29.2





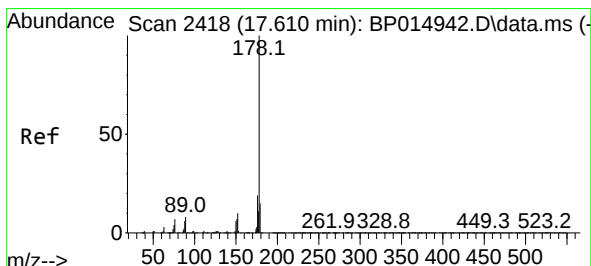
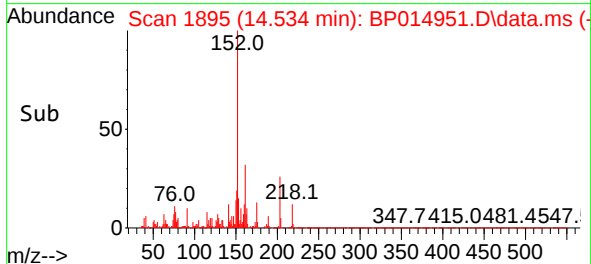
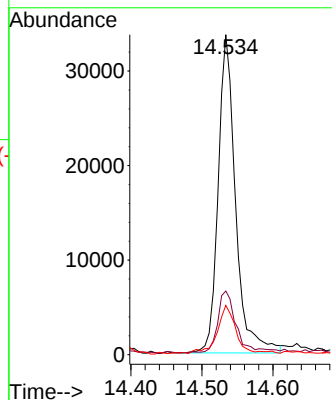
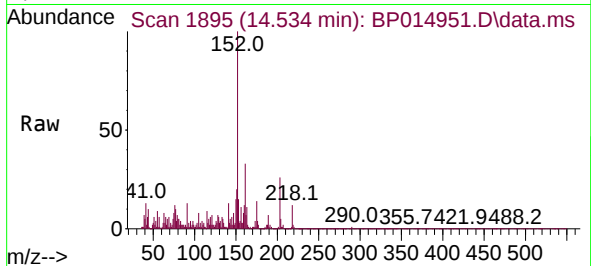
#50
Acenaphthylene
Concen: 1.122 ng/ul
RT: 14.534 min Scan# 1895
Delta R.T. -0.000 min
Lab File: BP014951.D
Acq: 04 May 2023 14:26

Instrument :
BNA_P
ClientSampleId :
EW938

Tgt Ion:152 Resp: 5724
Ion Ratio Lower Upper
152 100
151 19.9 16.1 24.1
153 15.4 10.4 15.6

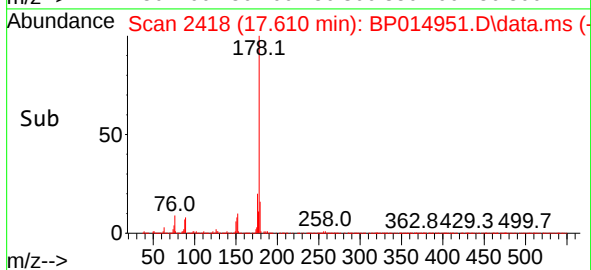
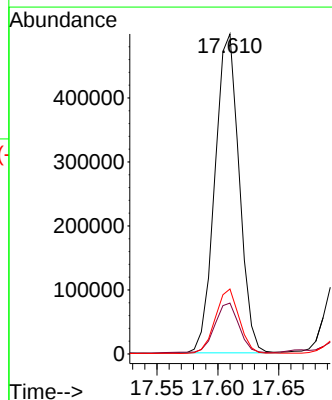
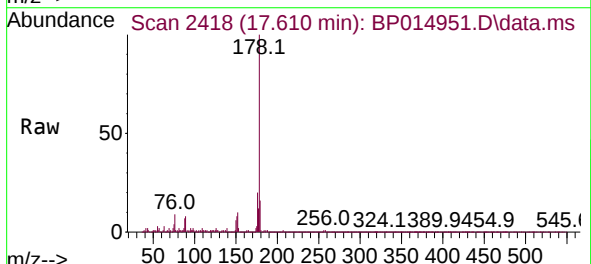
Manual Integrations
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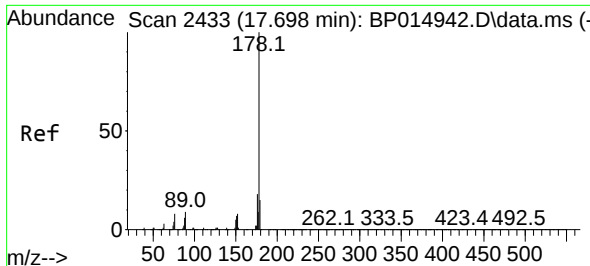
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#72
Phenanthrene
Concen: 11.019 ng/ul
RT: 17.610 min Scan# 2418
Delta R.T. -0.000 min
Lab File: BP014951.D
Acq: 04 May 2023 14:26

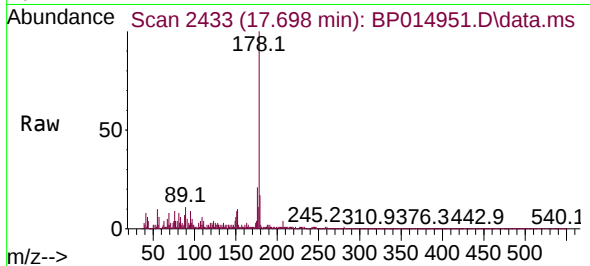
Tgt Ion:178 Resp: 691381
Ion Ratio Lower Upper
178 100
179 15.9 12.2 18.4
176 20.3 15.4 23.0





#74
 Anthracene
 Concen: 2.850 ng/ul
 RT: 17.698 min Scan# 2433
 Delta R.T. -0.000 min
 Lab File: BP014951.D
 Acq: 04 May 2023 14:26

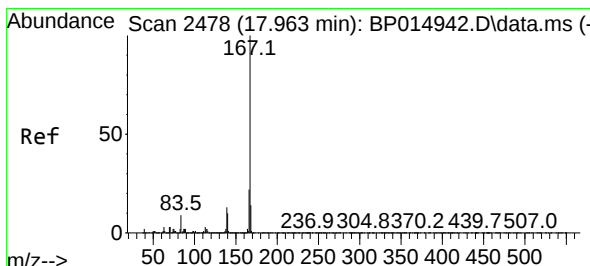
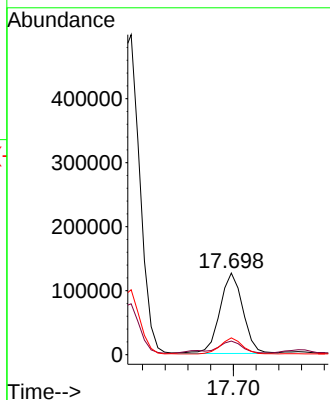
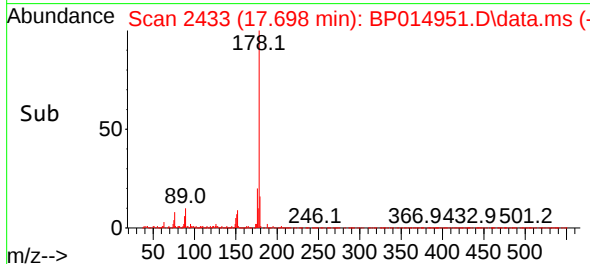
Instrument :
 BNA_P
 ClientSampleId :
 EW938



Tgt Ion:178 Resp: 178004
 Ion Ratio Lower Upper
 178 100
 179 16.8 12.6 18.8
 176 20.6 15.0 22.4

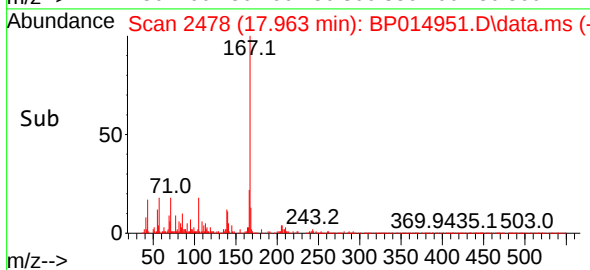
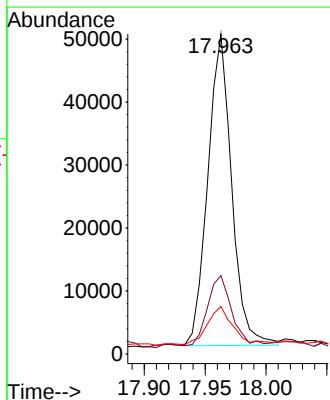
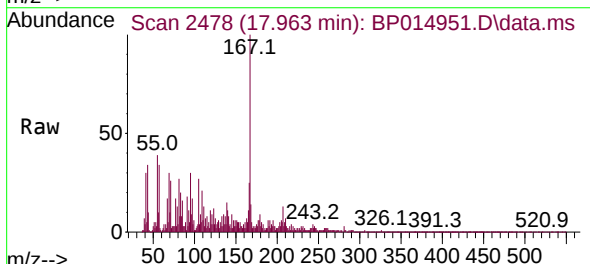
Manual Integrations
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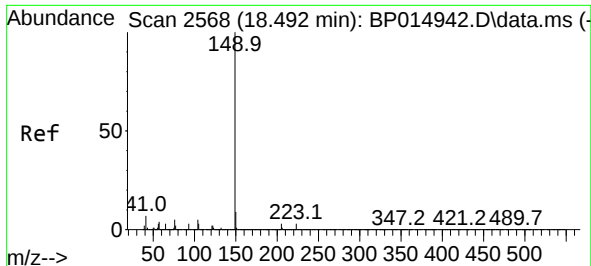
Reviewed By :Christian Giraldo 05/05/2023
 Supervised By :Jagrut Upadhyay 05/05/2023



#77
 Carbazole
 Concen: 1.286 ng/ul
 RT: 17.963 min Scan# 2478
 Delta R.T. -0.000 min
 Lab File: BP014951.D
 Acq: 04 May 2023 14:26

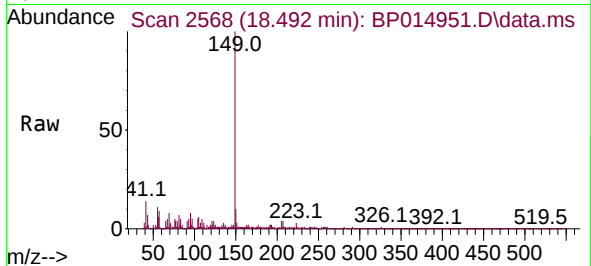
Tgt Ion:167 Resp: 67543
 Ion Ratio Lower Upper
 167 100
 166 24.5 17.1 25.7
 139 14.9 10.1 15.1





#78
Di-n-butylphthalate
Concen: 4.902 ng/ul
RT: 18.492 min Scan# 2568
Delta R.T. -0.000 min
Lab File: BP014951.D
Acq: 04 May 2023 14:26

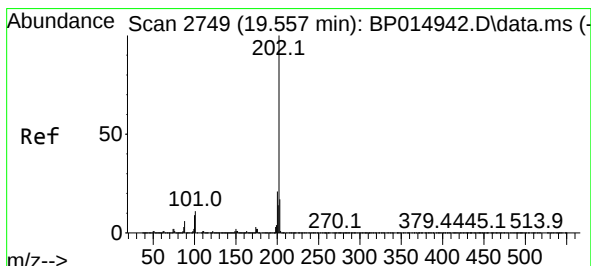
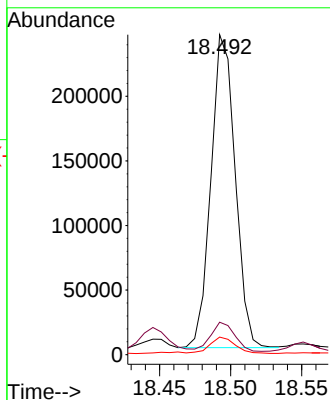
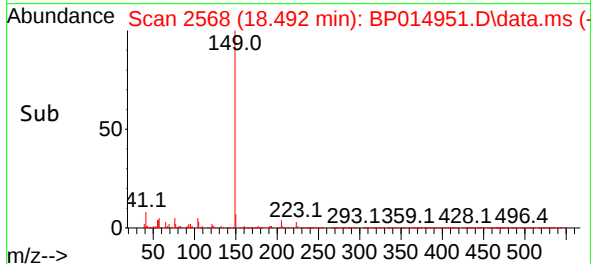
Instrument :
BNA_P
ClientSampleId :
EW938



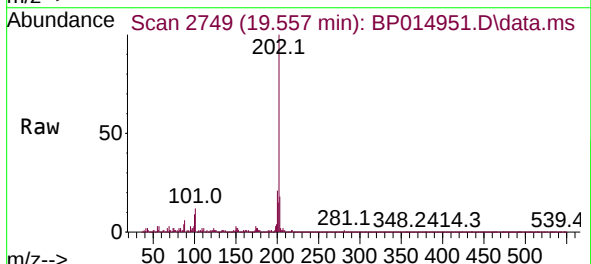
Tgt Ion:149 Resp: 28798
Ion Ratio Lower Upper
149 100
150 10.1 7.4 11.2
104 5.5 4.1 6.1

Manual Integrations
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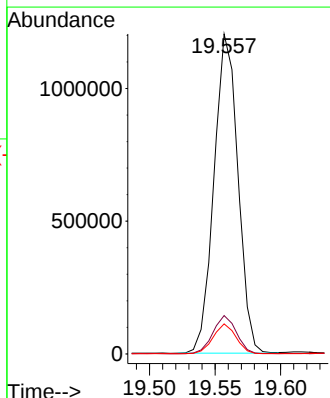
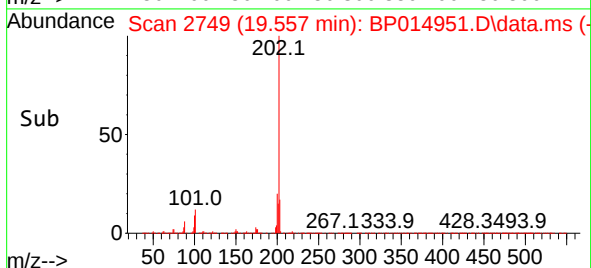
Reviewed By :Christian Giraldo 05/05/2023
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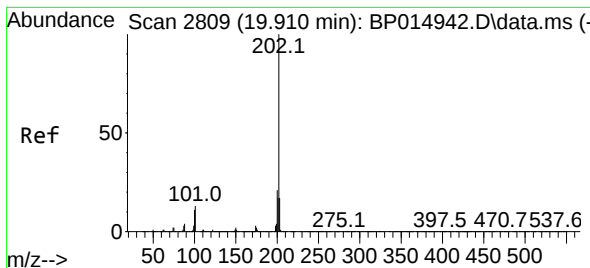


#80
Fluoranthene
Concen: 17.690 ng/ul
RT: 19.557 min Scan# 2749
Delta R.T. -0.000 min
Lab File: BP014951.D
Acq: 04 May 2023 14:26



Tgt Ion:202 Resp: 1527004
Ion Ratio Lower Upper
202 100
101 12.0 10.1 15.1
100 9.4 7.7 11.5





#82

Pyrene

Concen: 16.022 ng/ul

RT: 19.910 min Scan# 2809

Delta R.T. -0.000 min

Lab File: BP014951.D

Acq: 04 May 2023 14:26

Instrument :

BNA_P

ClientSampleId :

EW938

Tgt Ion:202 Resp: 1465210

Ion Ratio Lower Upper

202 100

101 14.7 11.9 17.9

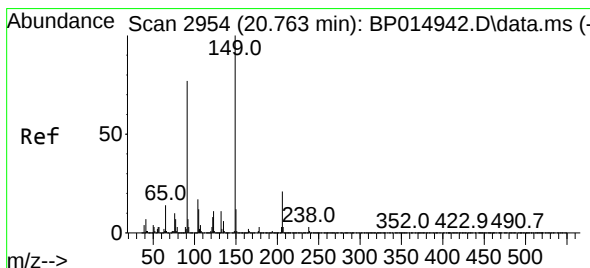
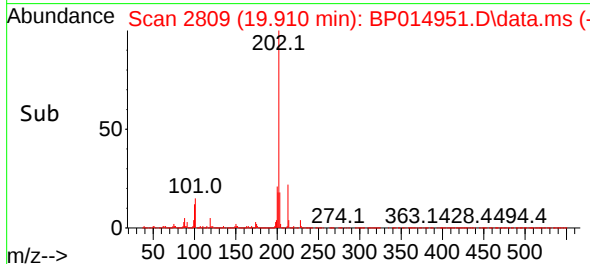
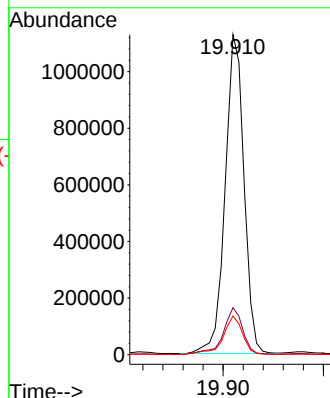
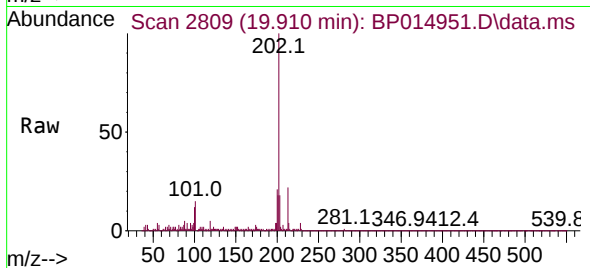
100 12.1 9.7 14.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/05/2023

Supervised By :Jagrut Upadhyay 05/05/2023



#83

Butylbenzylphthalate

Concen: 10.047 ng/ul

RT: 20.763 min Scan# 2954

Delta R.T. -0.000 min

Lab File: BP014951.D

Acq: 04 May 2023 14:26

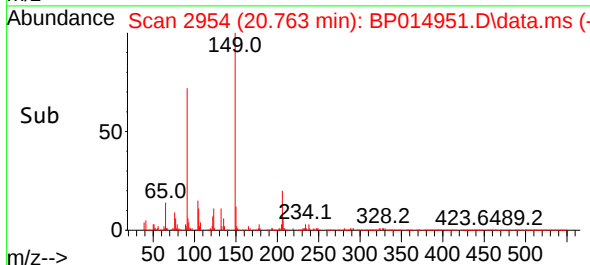
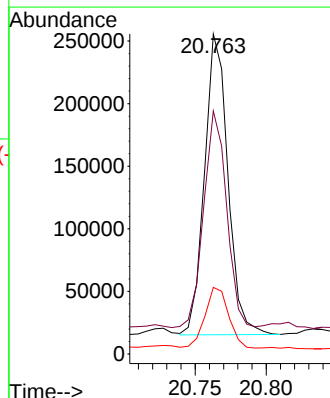
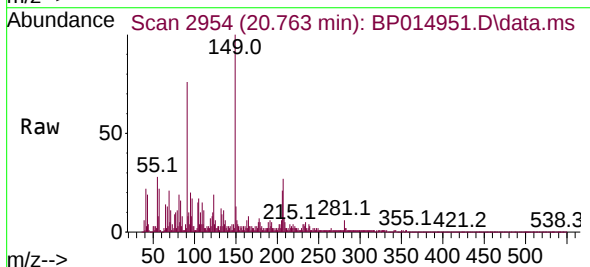
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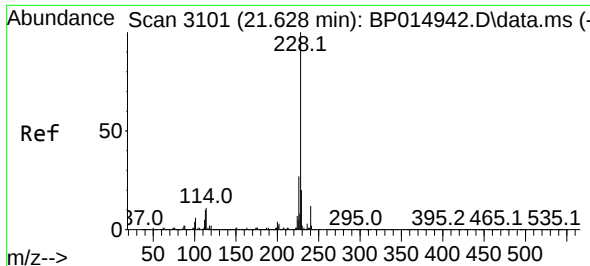
Ion Ratio Lower Upper

149 100

91 75.9 60.1 90.1

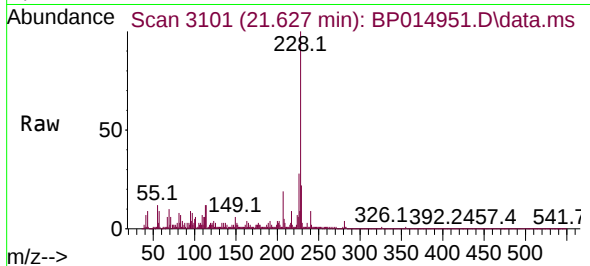
206 20.8 16.0 24.0





#85
Benzo(a)anthracene
Concen: 13.730 ng/ul
RT: 21.627 min Scan# 3101
Delta R.T. -0.000 min
Lab File: BP014951.D
Acq: 04 May 2023 14:26

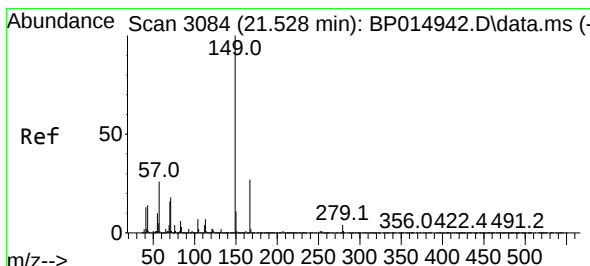
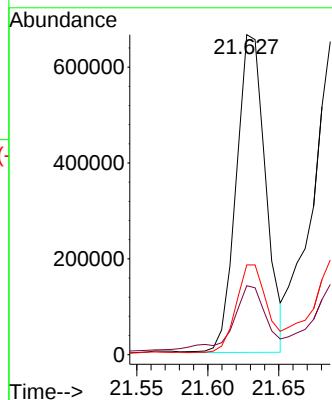
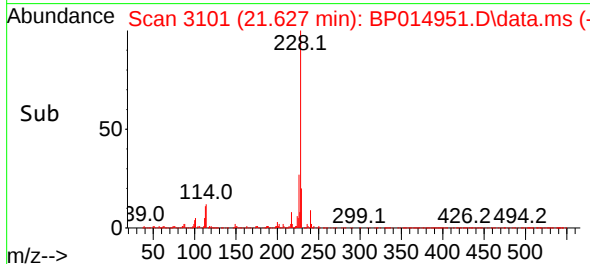
Instrument :
BNA_P
ClientSampleId :
EW938



Tgt Ion:228 Resp: 955838
Ion Ratio Lower Upper
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229 21.5 15.9 23.9
226 28.0 22.1 33.1

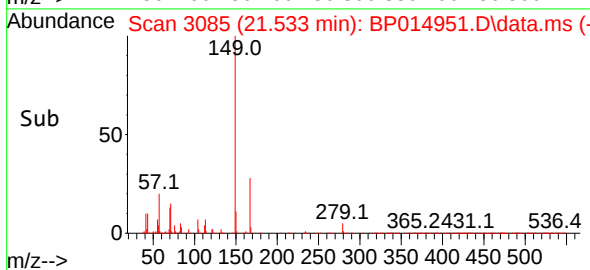
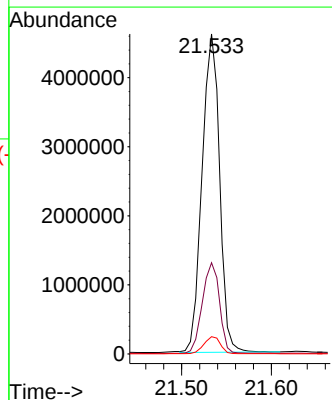
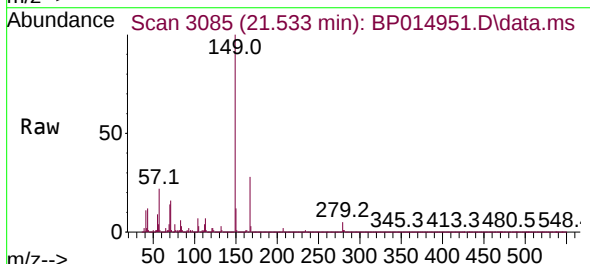
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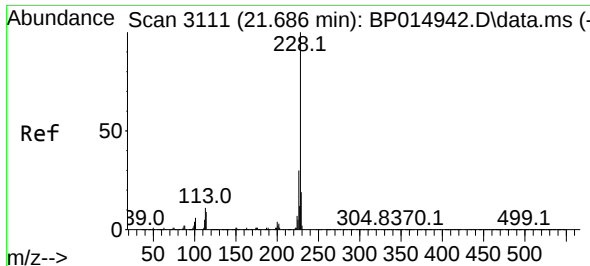
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#86
Bis(2-ethylhexyl)phthalate
Concen: 180.881 ng/ul
RT: 21.533 min Scan# 3085
Delta R.T. 0.006 min
Lab File: BP014951.D
Acq: 04 May 2023 14:26

Tgt Ion:149 Resp: 6249084
Ion Ratio Lower Upper
149 100
167 28.5 22.0 33.0
279 5.4 2.9 4.3#





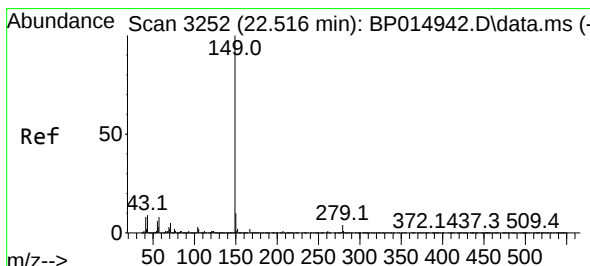
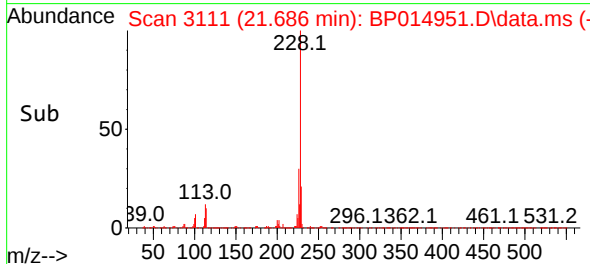
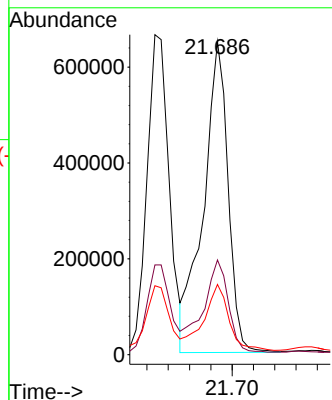
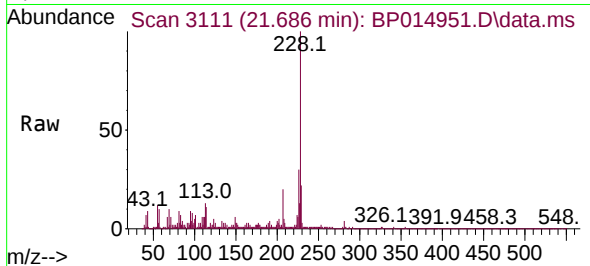
#87
Chrysene
Concen: 14.958 ng/ul
RT: 21.686 min Scan# 3111
Delta R.T. -0.000 min
Lab File: BP014951.D
Acq: 04 May 2023 14:26

Instrument :
BNA_P
ClientSampleId :
EW938

Tgt Ion:228 Resp: 1048502
Ion Ratio Lower Upper
228 100
226 30.3 24.3 36.5
229 22.4 15.8 23.8

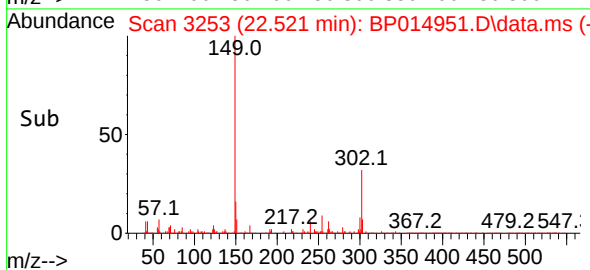
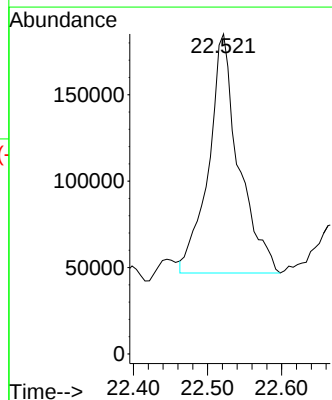
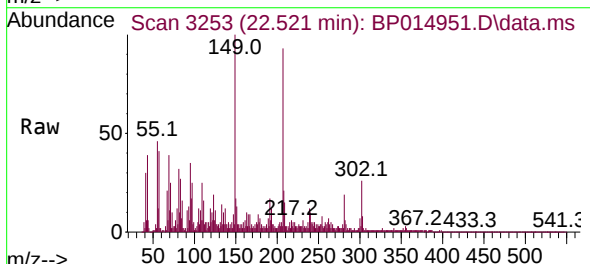
Manual Integrations
APPROVED

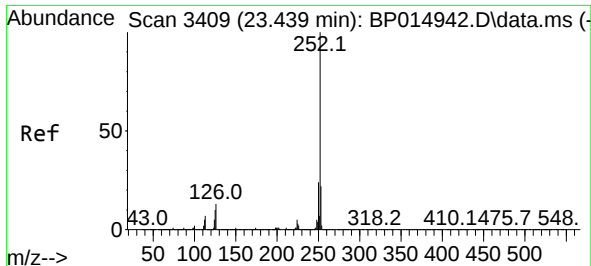
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#89
Di-n-octyl phthalate
Concen: 5.337 ng/ul
RT: 22.521 min Scan# 3253
Delta R.T. 0.006 min
Lab File: BP014951.D
Acq: 04 May 2023 14:26

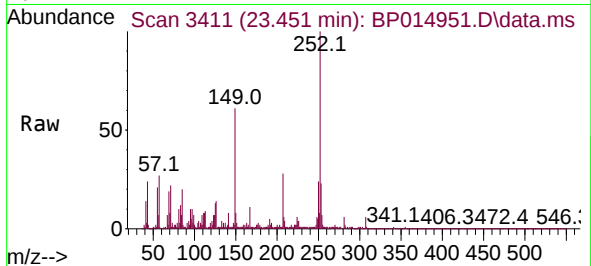
Tgt Ion:149 Resp: 390336





#90
Benzo(b)fluoranthene
Concen: 20.982 ng/ul
RT: 23.451 min Scan# 3409
Delta R.T. 0.012 min
Lab File: BP014951.D
Acq: 04 May 2023 14:26

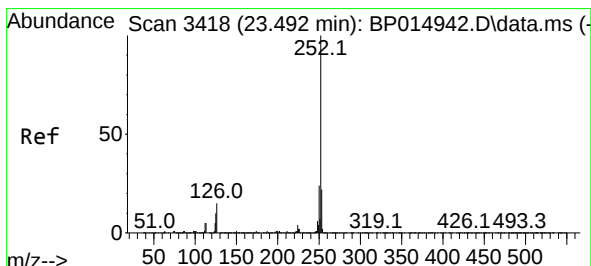
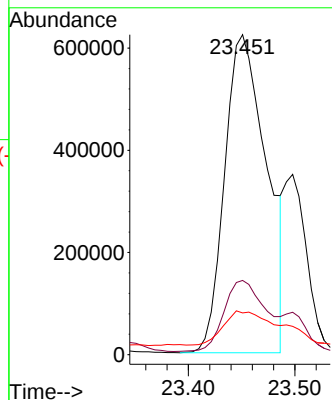
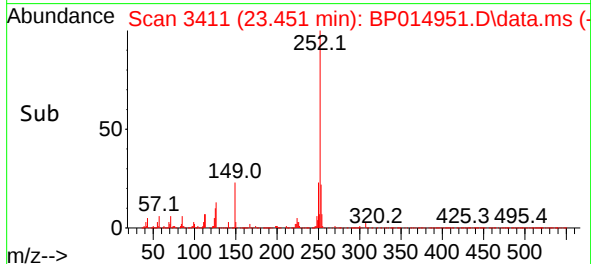
Instrument :
BNA_P
ClientSampleId :
EW938



Tgt Ion:252 Resp: 169865
Ion Ratio Lower Upper
252 100
253 23.2 17.4 26.2
125 13.1 8.4 12.6

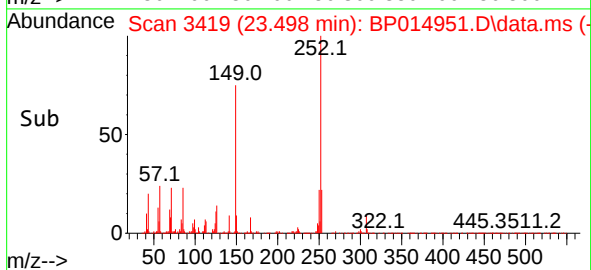
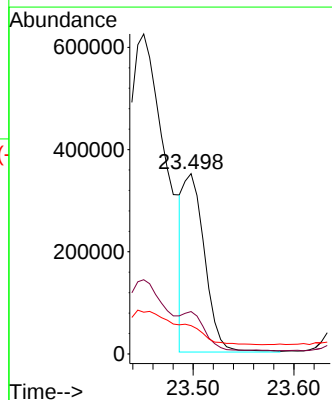
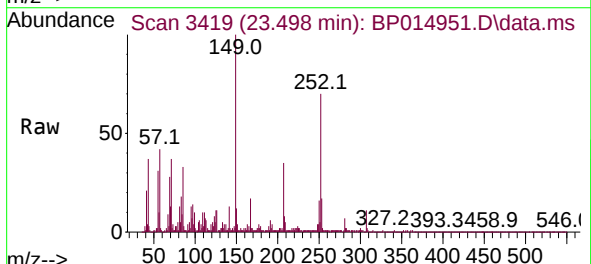
Manual Integrations
APPROVED

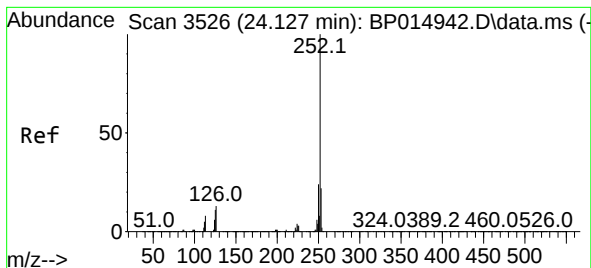
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#91
Benzo(k)fluoranthene
Concen: 6.254 ng/ul m
RT: 23.498 min Scan# 3419
Delta R.T. 0.006 min
Lab File: BP014951.D
Acq: 04 May 2023 14:26

Tgt Ion:252 Resp: 515268
Ion Ratio Lower Upper
252 100
253 23.5 17.8 26.6
125 15.7 8.9 13.3





#93

Benzo(a)pyrene

Concen: 15.172 ng/ul

RT: 24.139 min Scan# 3526

Delta R.T. 0.012 min

Lab File: BP014951.D

Acq: 04 May 2023 14:26

Instrument :

BNA_P

ClientSampleId :

EW938

Tgt Ion:252 Resp: 1077214

Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

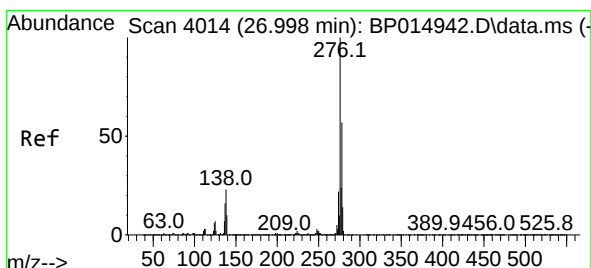
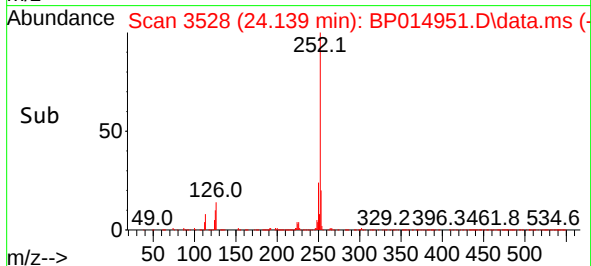
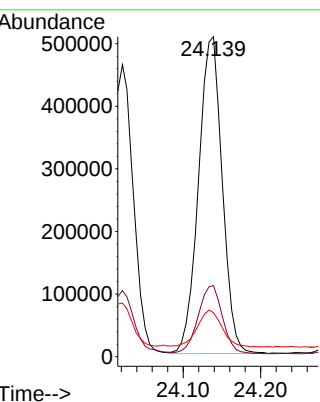
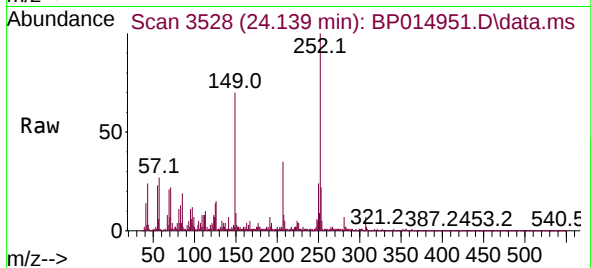
125 13.8 9.4 14.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/05/2023

Supervised By :Jagrut Upadhyay 05/05/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 11.784 ng/ul

RT: 27.009 min Scan# 4016

Delta R.T. 0.012 min

Lab File: BP014951.D

Acq: 04 May 2023 14:26

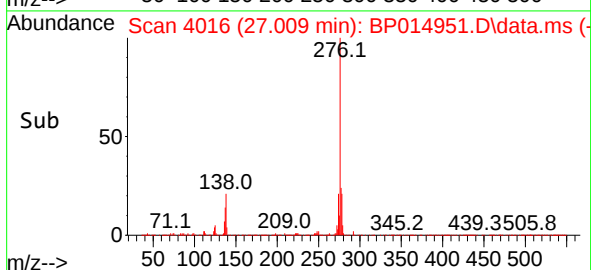
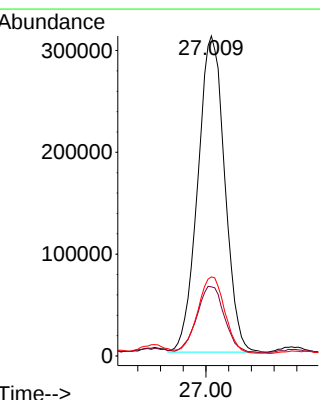
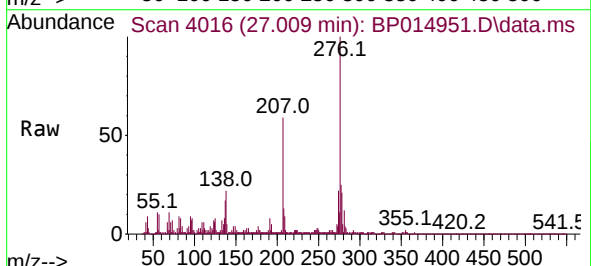
Tgt Ion:276 Resp: 1020528

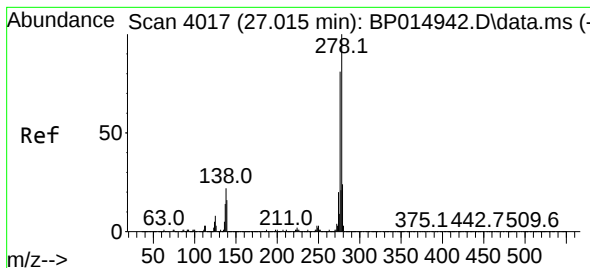
Ion Ratio Lower Upper

276 100

138 21.6 19.4 29.0

277 24.7 19.4 29.2





#95

Dibenzo(a,h)anthracene

Concen: 3.690 ng/ul

RT: 27.021 min Scan# 4017

Delta R.T. 0.006 min

Lab File: BP014951.D

Acq: 04 May 2023 14:26

Instrument :

BNA_P

ClientSampleId :

EW938

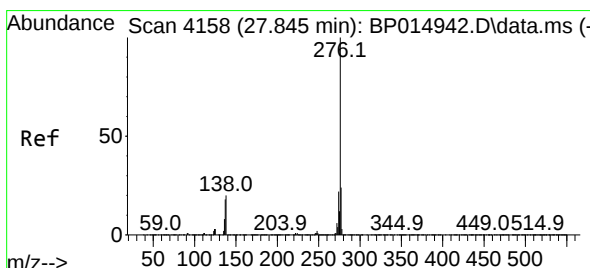
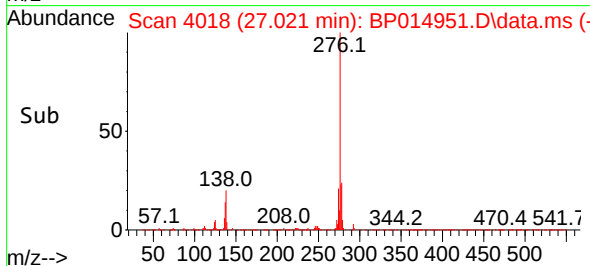
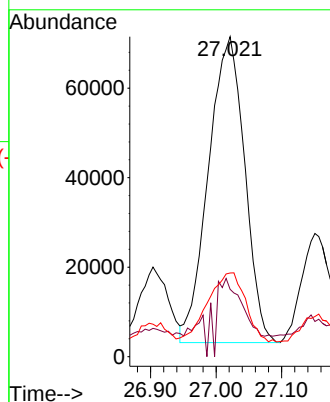
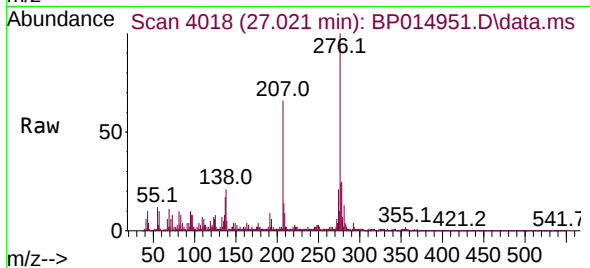
Tgt Ion:278 Resp: 261927
 Ion Ratio Lower Upper
 278 100
 139 21.0 12.9 19.3
 279 26.2 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/05/2023

Supervised By :Jagrut Upadhyay 05/05/2023



#96

Benzo(g,h,i)perylene

Concen: 13.926 ng/ul

RT: 27.862 min Scan# 4161

Delta R.T. 0.018 min

Lab File: BP014951.D

Acq: 04 May 2023 14:26

Tgt Ion:276 Resp: 1026509
 Ion Ratio Lower Upper
 276 100
 138 21.7 18.0 27.0
 277 24.6 19.8 29.8

