

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
 Data File : BP014974.D
 Acq On : 05 May 2023 03:15
 Operator : CG/JU
 Sample : 02479-14
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW973

Quant Time: May 05 04:25:43 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.169	152	254215	20.000	ng/u1	0.00
20) Naphthalene-d8	11.005	136	930033	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.810	164	466612	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.569	188	934435	20.000	ng/u1	0.00
79) Chrysene-d12	21.645	240	918268	20.000	ng/u1	0.00
88) Perylene-d12	24.251	264	1123444	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.464	96	20775	3.039	ng/uL	0.00
4) Pyridine-d5	3.911	84	51130	2.736	ng/u1	0.01
7) Phenol-d5	7.311	99	320483	14.541	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.481	67	209278	15.362	ng/u1	0.00
11) 2-Chlorophenol-d4	7.693	132	262031	16.169	ng/u1	0.00
15) 4-Methylphenol-d8	8.875	113	220842	13.002	ng/u1	0.00
21) Nitrobenzene-d5	9.346	128	123607	18.687	ng/u1	0.00
24) 2-Nitrophenol-d4	10.075	143	124489	18.328	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.616	165	208859	15.661	ng/u1	0.00
31) 4-Chloroaniline-d4	11.134	131	237237	12.299	ng/u1	0.00
46) Dimethylphthalate-d6	14.210	166	591255	17.904	ng/u1	0.00
49) Acenaphthylene-d8	14.504	160	721086	18.206	ng/u1	0.00
54) 4-Nitrophenol-d4	14.998	143	25885	4.505	ng/u1	0.01
60) Fluorene-d10	15.804	176	508512	17.898	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.922	200	16055	3.052	ng/u1	0.01
73) Anthracene-d10	17.663	188	774936	18.457	ng/u1	0.00
81) Pyrene-d10	19.886	212	978172	15.794	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.080	264	1057865	19.326	ng/u1	0.01
Target Compounds					Qvalue	
6) Benzaldehyde	7.293	77	29344	4.870	ng/u1	89
16) Acetophenone	8.999	105	66480	2.394	ng/u1	98
72) Phenanthrene	17.610	178	120871	2.341	ng/u1	99
78) Di-n-butylphthalate	18.492	149	95563	1.977	ng/u1#	97
80) Fluoranthene	19.557	202	350459	4.612	ng/u1	99
82) Pyrene	19.910	202	343066	4.261	ng/u1	99
83) Butylbenzylphthalate	20.763	149	30033	1.242	ng/u1	90
85) Benzo(a)anthracene	21.633	228	243690	3.976	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.527	149	245302	8.065	ng/u1#	98
87) Chrysene	21.686	228	239292	3.877	ng/u1	97
90) Benzo(b)fluoranthene	23.445	252	371234	5.113	ng/u1#	96
91) Benzo(k)fluoranthene	23.492	252	128214m	1.735	ng/u1	
93) Benzo(a)pyrene	24.133	252	257500	4.044	ng/u1	93
94) Indeno(1,2,3-cd)pyrene	27.004	276	203689	2.622	ng/u1	96
96) Benzo(g,h,i)perylene	27.862	276	218039	3.298	ng/u1	98

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

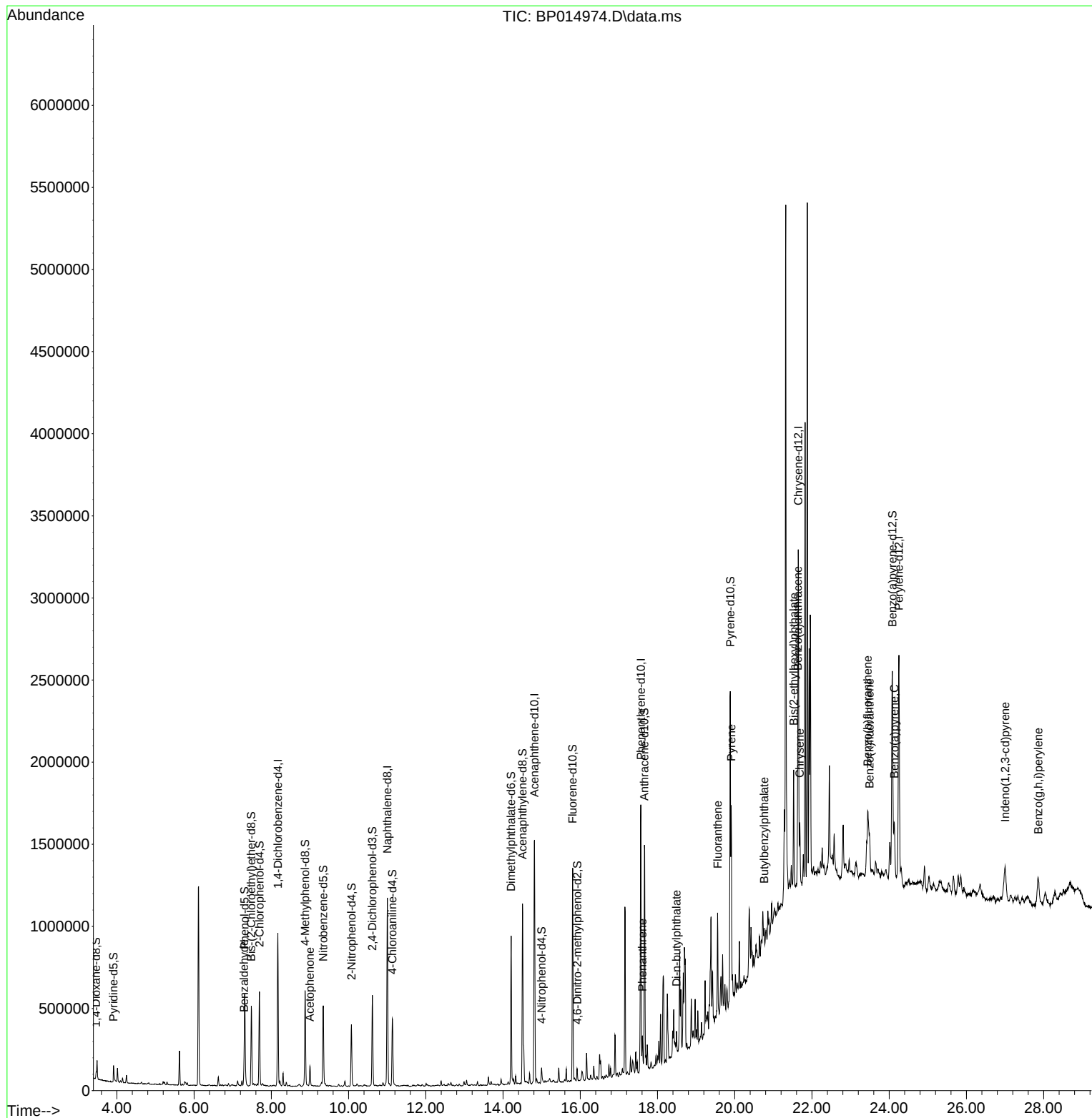
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014974.D
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Misc :
ALS Vial : 33 Sample Multiplier: 1

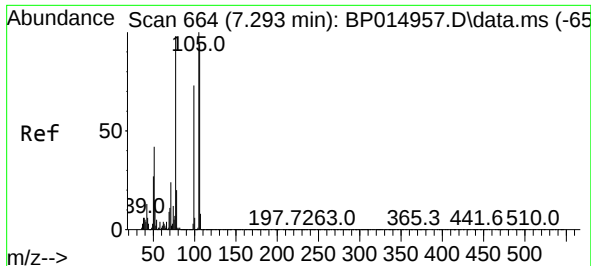
Instrument :
BNA_P
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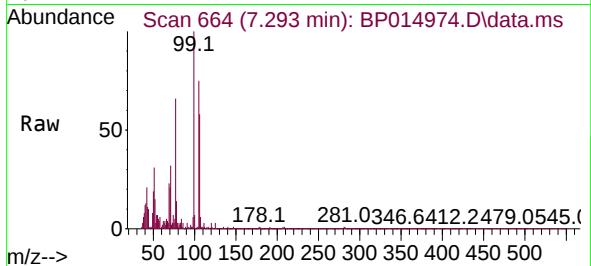
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023





#6
Benzaldehyde
Concen: 4.870 ng/ul
RT: 7.293 min Scan# 664
Delta R.T. 0.006 min
Lab File: BP014974.D
Acq: 05 May 2023 03:15

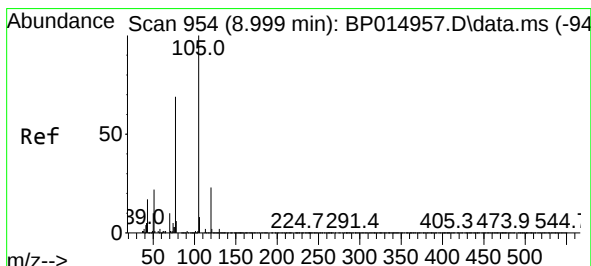
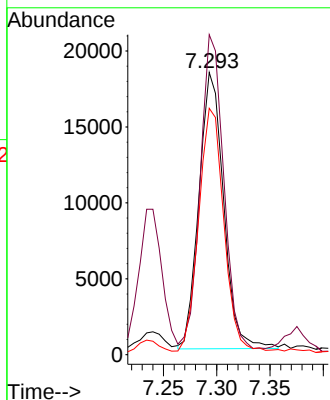
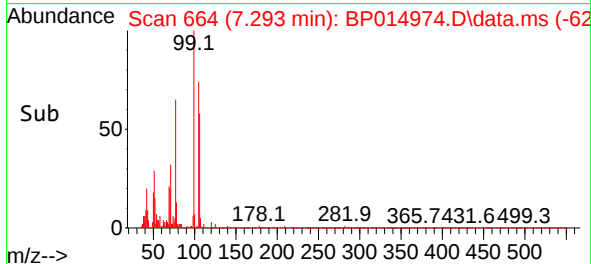
Instrument :
BNA_P
ClientSampleId :
EW973



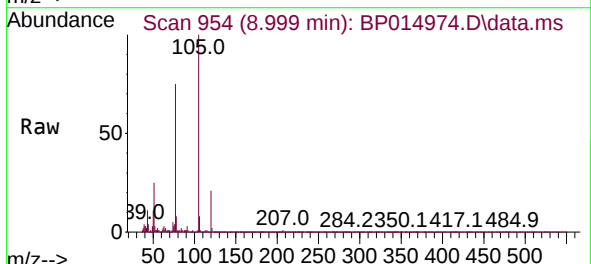
Tgt Ion: 77 Resp: 29344
Ion Ratio Lower Upper
77 100
105 113.4 80.7 121.1
106 87.3 77.6 116.4

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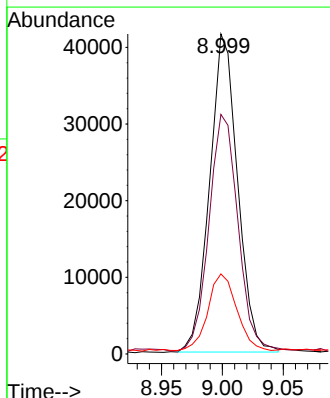
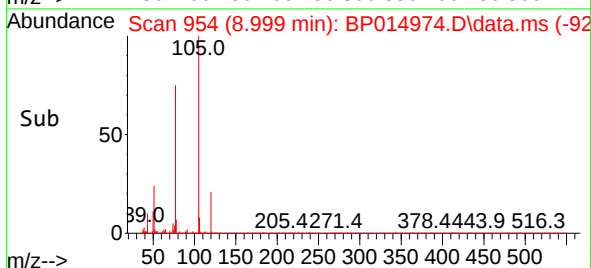
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023

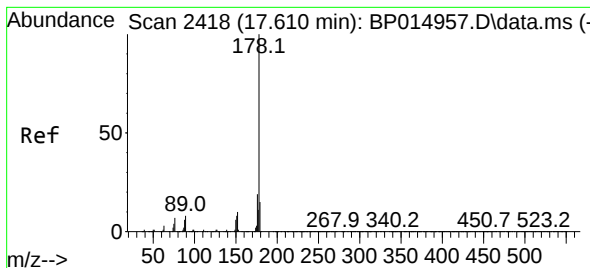


#16
Acetophenone
Concen: 2.394 ng/ul
RT: 8.999 min Scan# 954
Delta R.T. -0.000 min
Lab File: BP014974.D
Acq: 05 May 2023 03:15



Tgt Ion:105 Resp: 66480
Ion Ratio Lower Upper
105 100
77 74.8 61.2 91.8
51 25.0 19.4 29.2





#72

Phenanthrene

Concen: 2.341 ng/ul

RT: 17.610 min Scan# 2418

Delta R.T. -0.000 min

Lab File: BP014974.D

Acq: 05 May 2023 03:15

Instrument :

BNP_P

ClientSampleId :

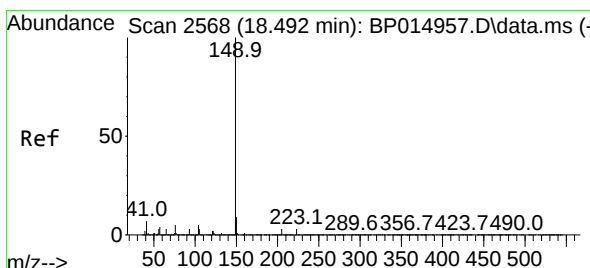
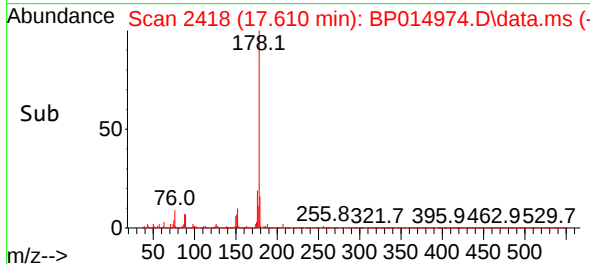
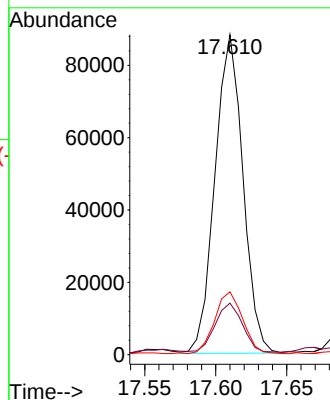
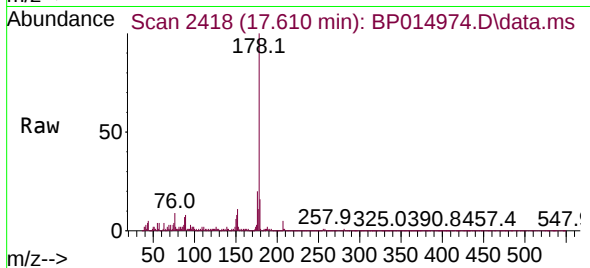
EW973

Tgt Ion:178	Resp: 12087
Ion Ratio	Lower Upper
178 100	
179 16.1	12.2 18.4
176 19.7	15.4 23.0

Manual Integrations

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#78

Di-n-butylphthalate

Concen: 1.977 ng/ul

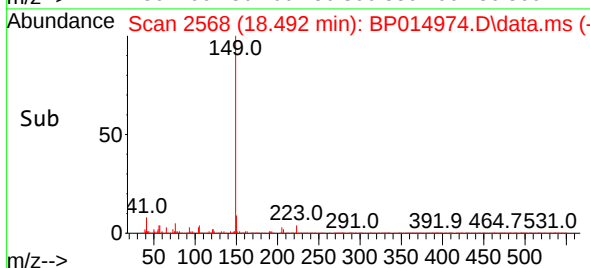
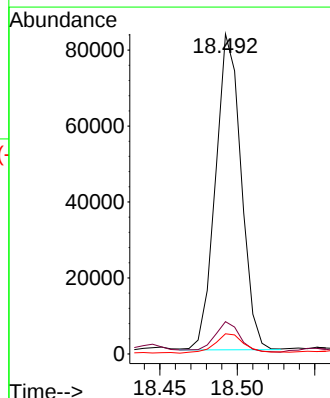
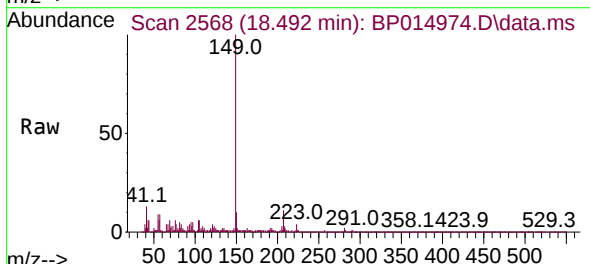
RT: 18.492 min Scan# 2568

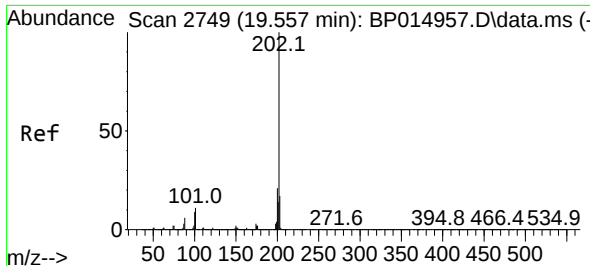
Delta R.T. -0.000 min

Lab File: BP014974.D

Acq: 05 May 2023 03:15

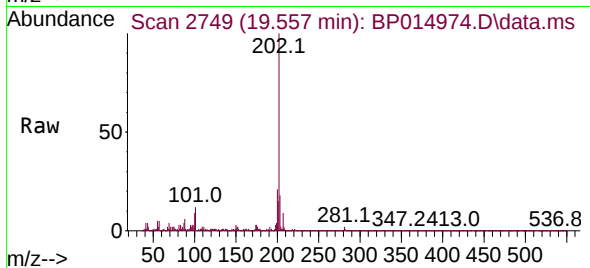
Tgt Ion:149	Resp: 95563
Ion Ratio	Lower Upper
149 100	
150 10.1	7.4 11.2
104 6.3	4.1 6.1





#80
Fluoranthene
Concen: 4.612 ng/ul
RT: 19.557 min Scan# 2749
Delta R.T. -0.000 min
Lab File: BP014974.D
Acq: 05 May 2023 03:15

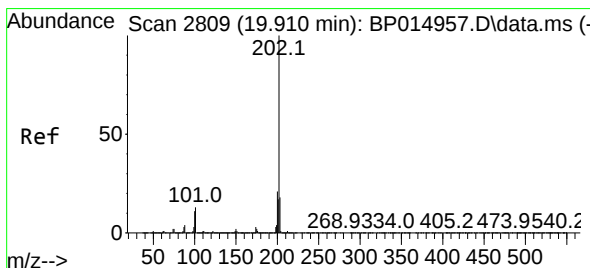
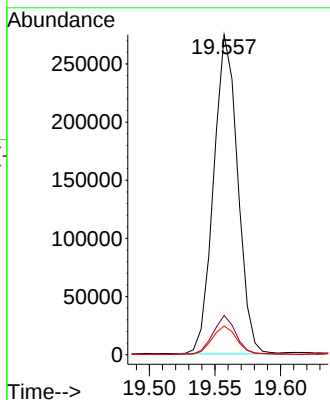
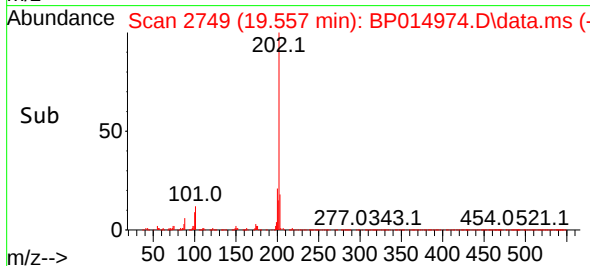
Instrument :
BNA_P
ClientSampleId :
EW973



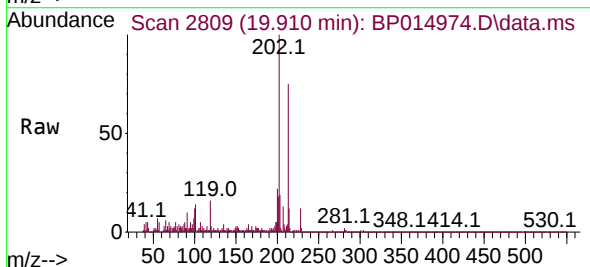
Tgt Ion:202 Resp: 350459
Ion Ratio Lower Upper
202 100
101 12.2 10.1 15.1
100 8.9 7.7 11.5

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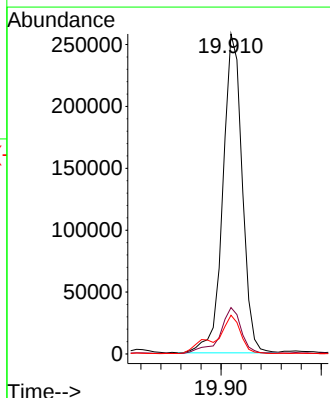
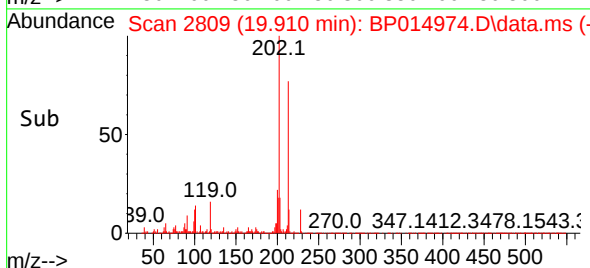
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023

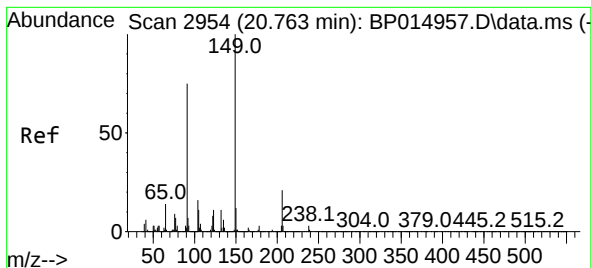


#82
Pyrene
Concen: 4.261 ng/ul
RT: 19.910 min Scan# 2809
Delta R.T. -0.000 min
Lab File: BP014974.D
Acq: 05 May 2023 03:15



Tgt Ion:202 Resp: 343066
Ion Ratio Lower Upper
202 100
101 14.5 11.9 17.9
100 12.1 9.7 14.5





#83

Butylbenzylphthalate

Concen: 1.242 ng/ul

RT: 20.763 min Scan# 2954

Delta R.T. -0.000 min

Lab File: BP014974.D

Acq: 05 May 2023 03:15

Instrument :

BNA_P

ClientSampleId :

EW973

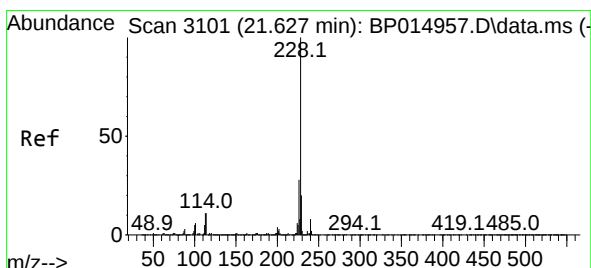
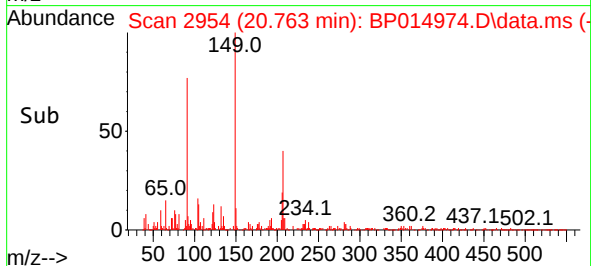
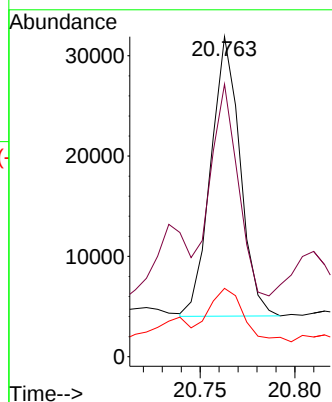
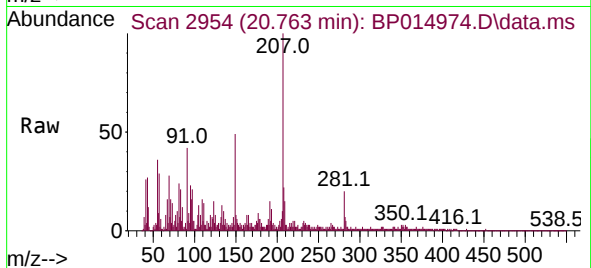
Tgt Ion:	149	Resp:	3003
Ion Ratio	Lower	Upper	
149	100		
91	85.2	60.1	90.1
206	21.3	16.0	24.0

Manual Integrations

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Supervised By :Jagrut Upadhyay 05/05/2023



#85

Benzo(a)anthracene

Concen: 3.976 ng/ul

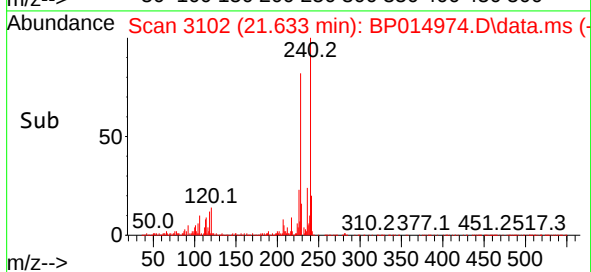
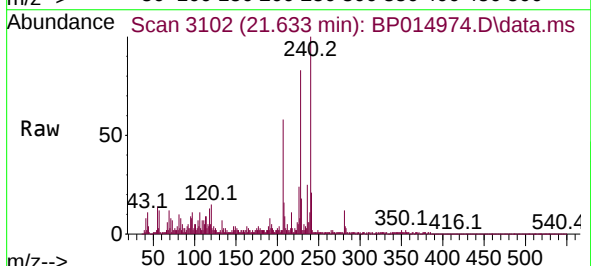
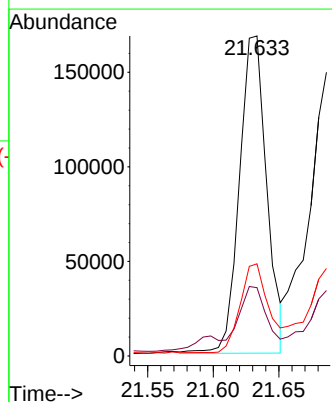
RT: 21.633 min Scan# 3102

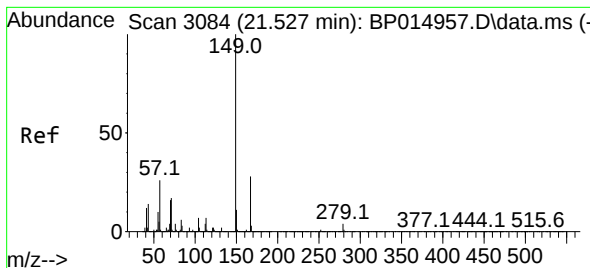
Delta R.T. 0.006 min

Lab File: BP014974.D

Acq: 05 May 2023 03:15

Tgt Ion:	228	Resp:	243690
Ion Ratio	Lower	Upper	
228	100		
229	21.3	15.9	23.9
226	28.8	22.1	33.1





#86

Bis(2-ethylhexyl)phthalate

Concen: 8.065 ng/ul

RT: 21.527 min Scan# 3084

Delta R.T. -0.000 min

Lab File: BP014974.D

Acq: 05 May 2023 03:15

Instrument :

BNA_P

ClientSampleId :

EW973

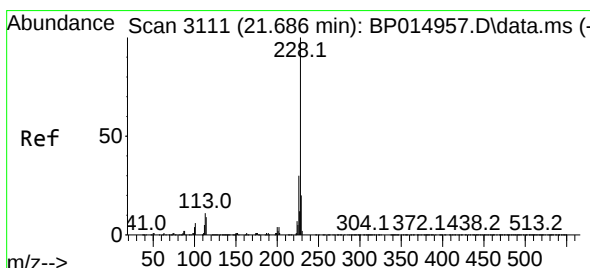
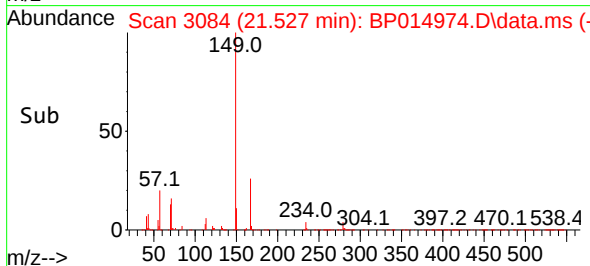
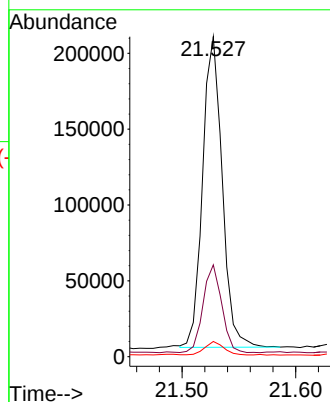
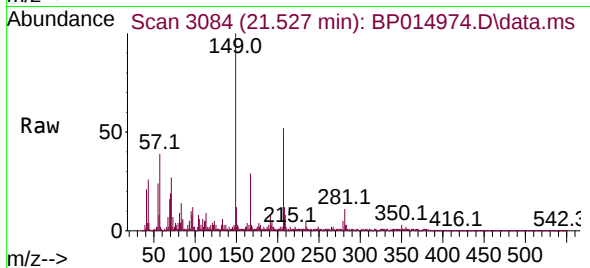
Tgt Ion:	149	Resp:	245302
Ion Ratio	Lower	Upper	
149	100		
167	28.7	22.0	33.0
279	4.7	2.9	4.3

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Supervised By :Jagrut Upadhyay 05/05/2023



#87

Chrysene

Concen: 3.877 ng/ul

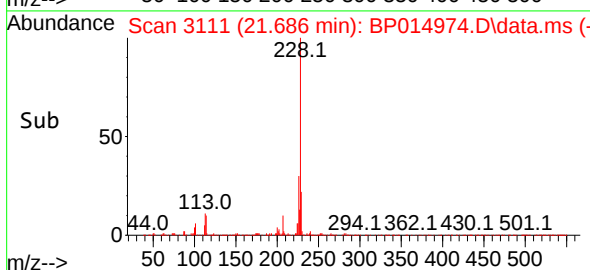
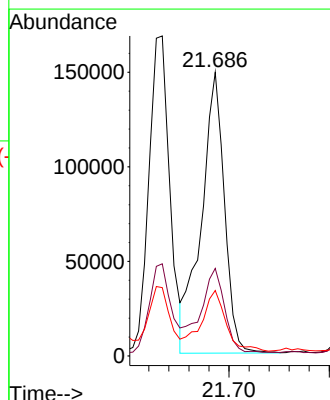
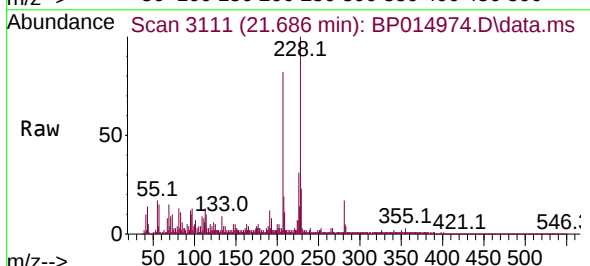
RT: 21.686 min Scan# 3111

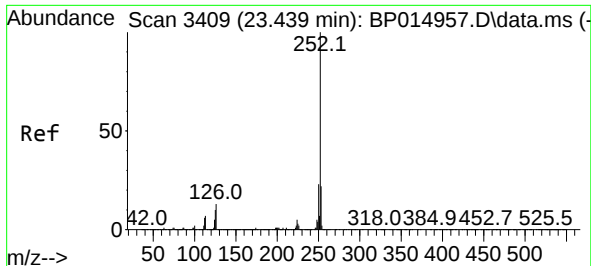
Delta R.T. -0.000 min

Lab File: BP014974.D

Acq: 05 May 2023 03:15

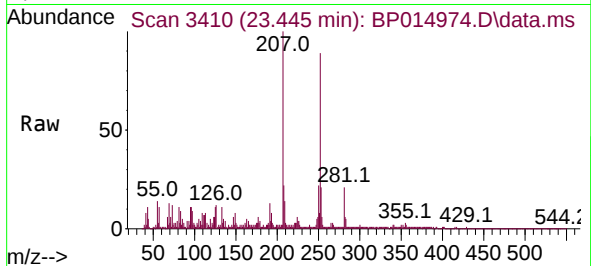
Tgt Ion:	228	Resp:	239292
Ion Ratio	Lower	Upper	
228	100		
226	30.9	24.3	36.5
229	23.1	15.8	23.8





#90
Benzo(b)fluoranthene
Concen: 5.113 ng/ul
RT: 23.445 min Scan# 3409
Delta R.T. 0.006 min
Lab File: BP014974.D
Acq: 05 May 2023 03:15

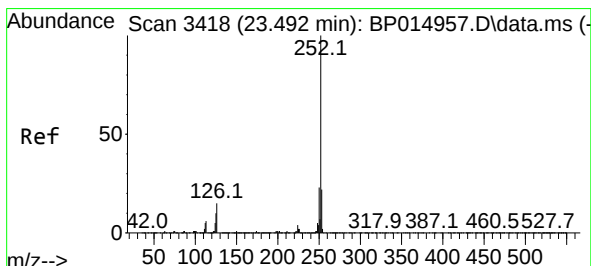
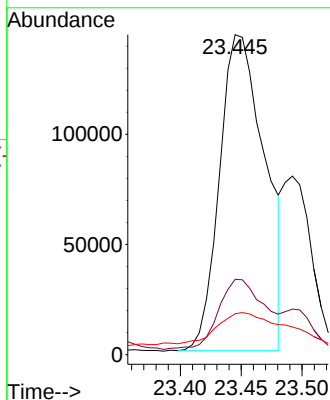
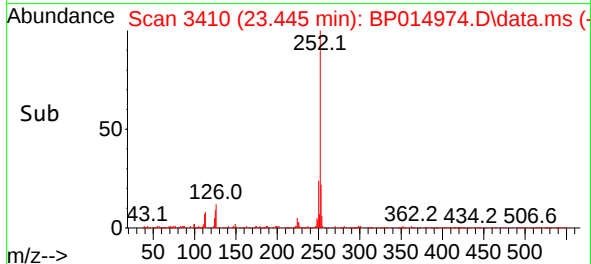
Instrument :
BNA_P
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EW973



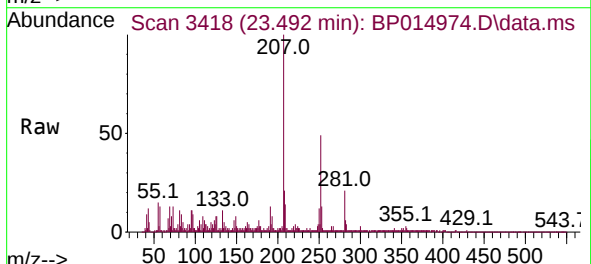
Tgt Ion:252 Resp: 371234
Ion Ratio Lower Upper
252 100
253 23.6 17.4 26.2
125 12.8 8.4 12.6

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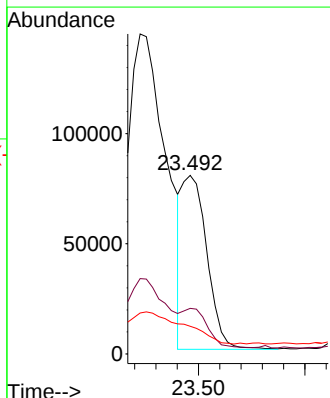
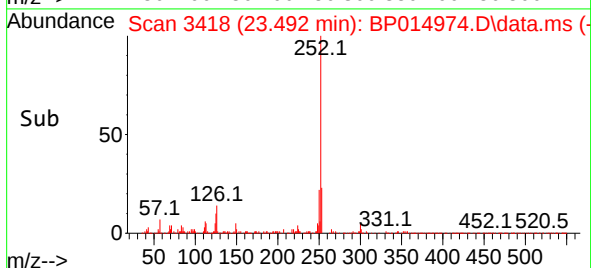
Reviewed By :Christian Giraldo 05/05/2023
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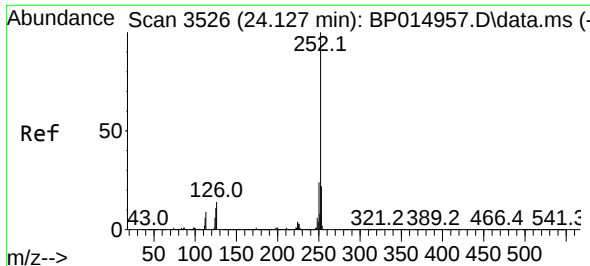


#91
Benzo(k)fluoranthene
Concen: 1.735 ng/ul m
RT: 23.492 min Scan# 3418
Delta R.T. -0.000 min
Lab File: BP014974.D
Acq: 05 May 2023 03:15



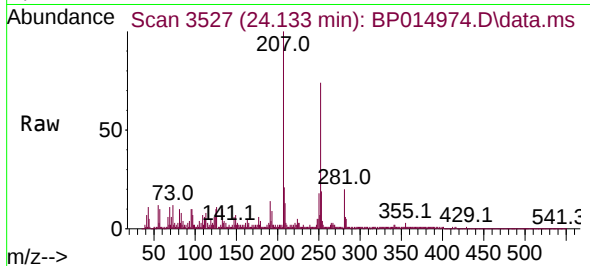
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Ion Ratio Lower Upper
252 100
253 25.5 17.8 26.6
125 15.5 8.9 13.3





#93
Benzo(a)pyrene
Concen: 4.044 ng/ul
RT: 24.133 min Scan# 3527
Delta R.T. 0.006 min
Lab File: BP014974.D
Acq: 05 May 2023 03:15

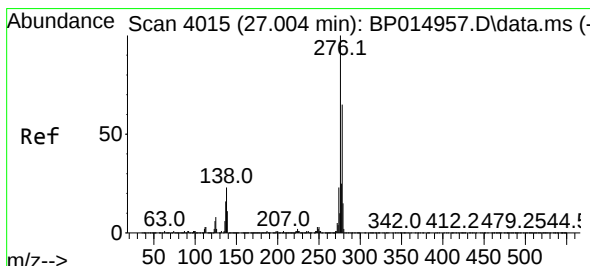
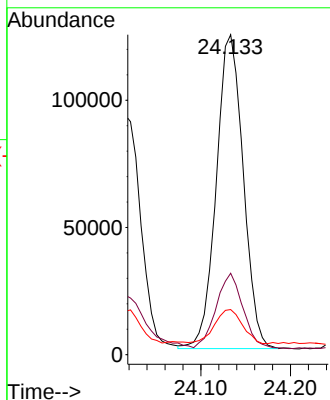
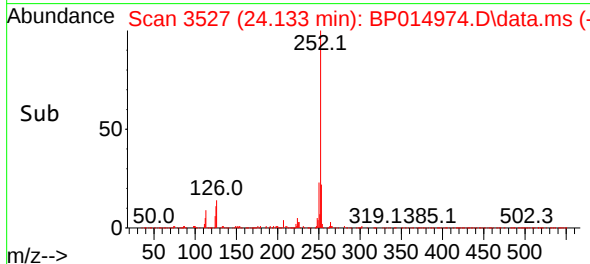
Instrument :
BNA_P
ClientSampleId :
EW973



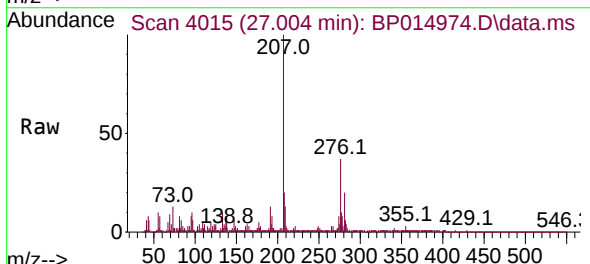
Tgt Ion:252 Resp: 257500
Ion Ratio Lower Upper
252 100
253 25.4 17.5 26.3
125 14.1 9.4 14.2

Manual Integrations
APPROVED

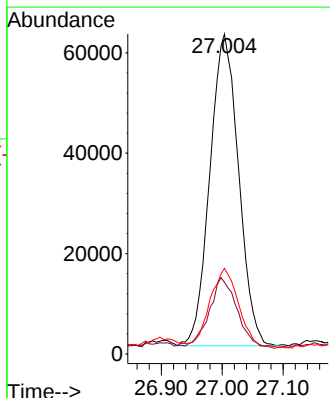
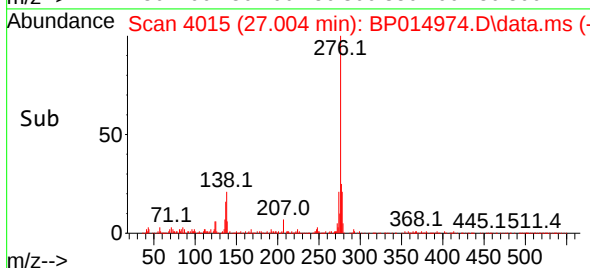
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023

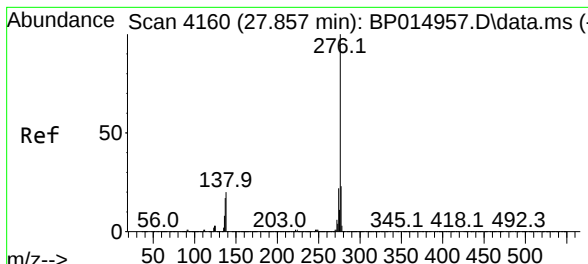


#94
Indeno(1,2,3-cd)pyrene
Concen: 2.622 ng/ul
RT: 27.004 min Scan# 4015
Delta R.T. 0.006 min
Lab File: BP014974.D
Acq: 05 May 2023 03:15



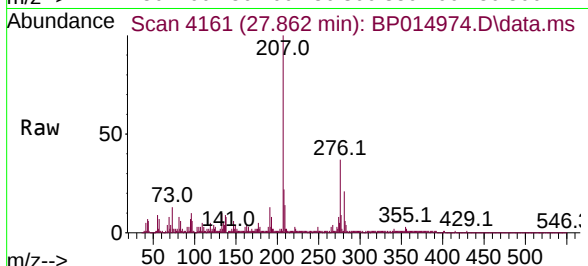
Tgt Ion:276 Resp: 203689
Ion Ratio Lower Upper
276 100
138 22.4 19.4 29.0
277 26.7 19.4 29.2





#96
 Benzo(g,h,i)perylene
 Concen: 3.298 ng/ul
 RT: 27.862 min Scan# 4161
 Delta R.T. 0.018 min
 Lab File: BP014974.D
 Acq: 05 May 2023 03:15

Instrument :
 BNA_P
 ClientSampleId :
 EW973



Tgt Ion:	276	Resp:	218039
Ion Ratio	Lower	Upper	
276	100		
138	21.2	18.0	27.0
277	24.4	19.8	29.8

Manual Integrations
 APPROVED

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

