

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050523\
 Data File : BP014987.D
 Acq On : 05 May 2023 17:03
 Operator : CG/JU
 Sample : 02447-17DL 20X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW937DL

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/08/2023
 Supervised By : Jagrut Upadhyay 05/08/2023

Quant Time: May 05 23:31:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 05 12:12:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.169	152	347149	20.000	ng/u1	0.00
20) Naphthalene-d8	11.004	136	1558714	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.810	164	966504	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.569	188	1951793	20.000	ng/u1	0.00
79) Chrysene-d12	21.651	240	1033515	20.000	ng/u1	0.00
88) Perylene-d12	24.256	264	1111141	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.463	96	1735	0.186	ng/uL	0.00
4) Pyridine-d5	3.922	84	16797m	0.658	ng/u1	0.02
7) Phenol-d5	7.310	99	32179	1.069	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.481	67	20082	1.080	ng/u1	0.00
11) 2-Chlorophenol-d4	7.693	132	26281	1.188	ng/u1	0.00
15) 4-Methylphenol-d8	8.875	113	25557	1.102	ng/u1	0.00
21) Nitrobenzene-d5	9.345	128	12495	1.127	ng/u1	0.00
24) 2-Nitrophenol-d4	10.075	143	12608	1.108	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.616	165	25429	1.138	ng/u1	0.00
31) 4-Chloroaniline-d4	11.145	131	14950	0.462	ng/u1	0.01
46) Dimethylphthalate-d6	14.210	166	89548	1.309	ng/u1	0.00
49) Acenaphthylene-d8	14.504	160	101915	1.242	ng/u1	0.00
54) 4-Nitrophenol-d4	14.998	143	5567	0.468	ng/u1	0.00
60) Fluorene-d10	15.804	176	78510	1.334	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.927	200	3262	0.297	ng/u1	0.00
73) Anthracene-d10	17.663	188	116981	1.334	ng/u1	0.00
81) Pyrene-d10	19.886	212	111546	1.600	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.080	264	74961	1.385	ng/u1	0.00
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.539	152	94786	1.019	ng/u1	100
52) Acenaphthene	14.875	153	148598	2.309	ng/u1	98
56) Dibenzofuran	15.210	168	121488	1.399	ng/u1	96
61) Fluorene	15.857	166	178216	2.601	ng/u1	99
72) Phenanthrene	17.610	178	3542254	32.851	ng/u1	99
74) Anthracene	17.698	178	862758	8.037	ng/u1	100
77) Carbazole	17.963	167	245914	2.723	ng/u1	99
80) Fluoranthene	19.563	202	6074143	71.015	ng/u1	99
82) Pyrene	19.915	202	5266177	58.112	ng/u1	98
85) Benzo(a)anthracene	21.633	228	2211670	32.061	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.527	149	35195	1.028	ng/u1#	98
87) Chrysene	21.692	228	2034324	29.288	ng/u1	98
90) Benzo(b)fluoranthene	23.456	252	2400408	33.427	ng/u1	97
91) Benzo(k)fluoranthene	23.498	252	809180m	11.072	ng/u1	
93) Benzo(a)pyrene	24.139	252	1748886	27.770	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	27.015	276	1265987	16.480	ng/u1	96
95) Dibenzo(a,h)anthracene	27.021	278	333511	5.297	ng/u1#	84
96) Benzo(g,h,i)perylene	27.874	276	1087628	16.635	ng/u1	97

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

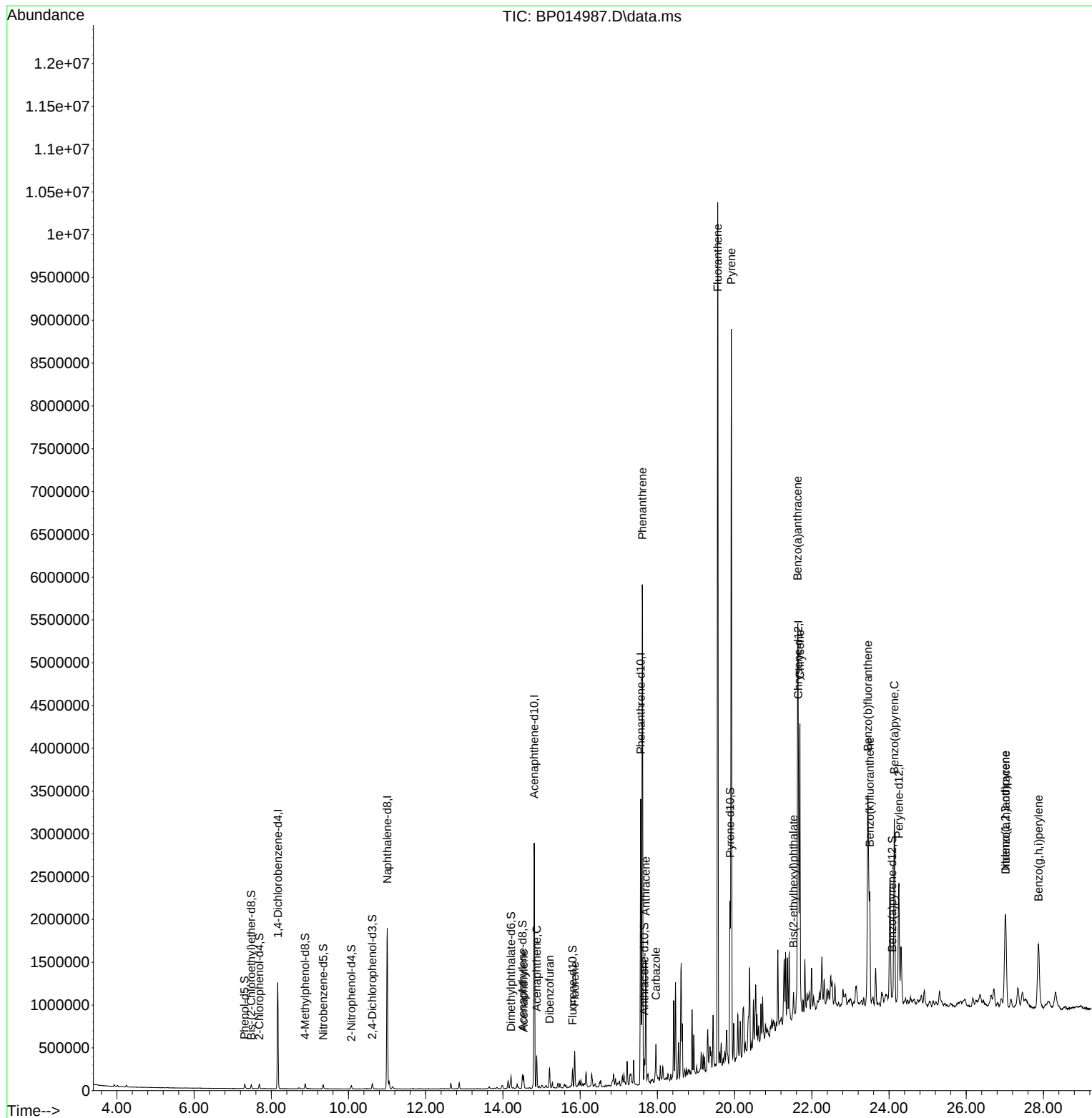
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050523\
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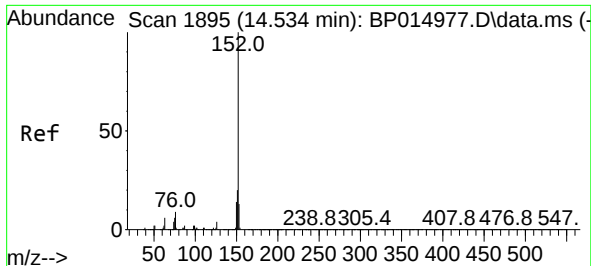
Instrument :
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Quant Time: May 05 23:31:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
 Quant Title : SVOA CALIBRATION
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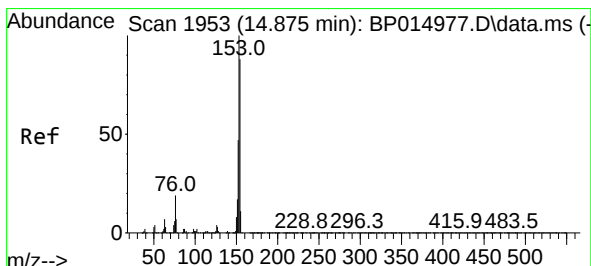
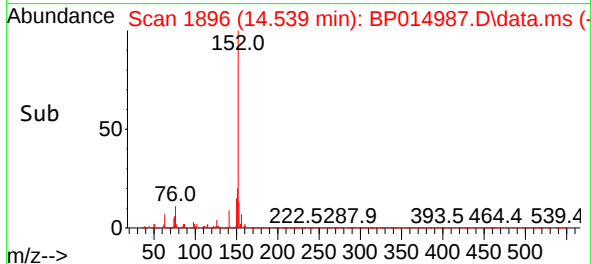
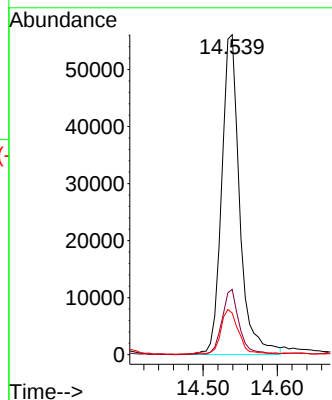
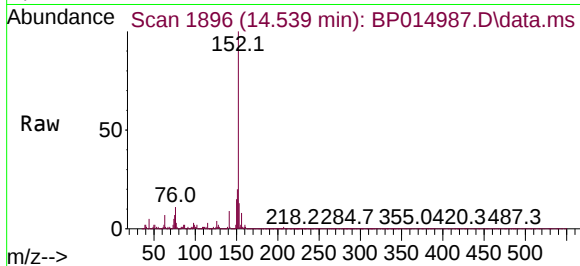
#50
Acenaphthylene
Concen: 1.019 ng/ul
RT: 14.539 min Scan# 1895
Delta R.T. 0.006 min
Lab File: BP014987.D
Acq: 05 May 2023 17:03

Instrument :
BNA_P
ClientSampleId :
EW937DL

Tgt Ion:152 Resp: 94780
Ion Ratio Lower Upper
152 100
151 20.4 16.1 24.1
153 13.0 10.4 15.6

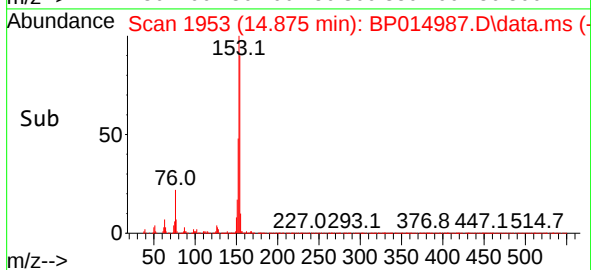
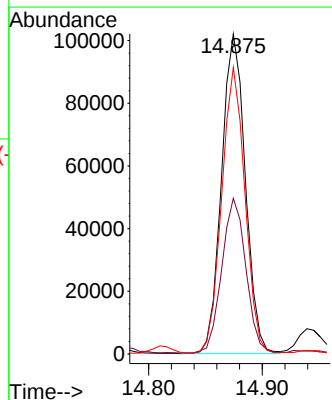
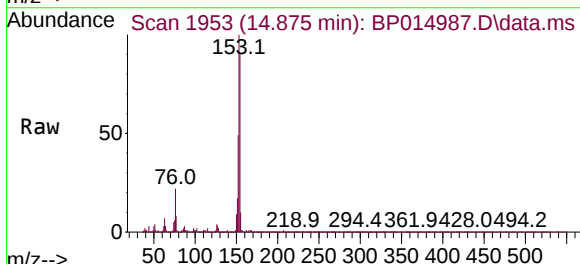
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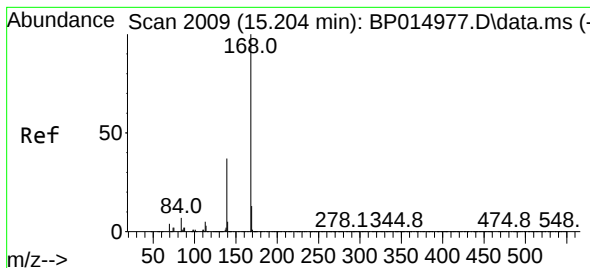
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023



#52
Acenaphthene
Concen: 2.309 ng/ul
RT: 14.875 min Scan# 1953
Delta R.T. -0.000 min
Lab File: BP014987.D
Acq: 05 May 2023 17:03

Tgt Ion:153 Resp: 148598
Ion Ratio Lower Upper
153 100
152 48.7 38.8 58.2
154 89.5 69.6 104.4





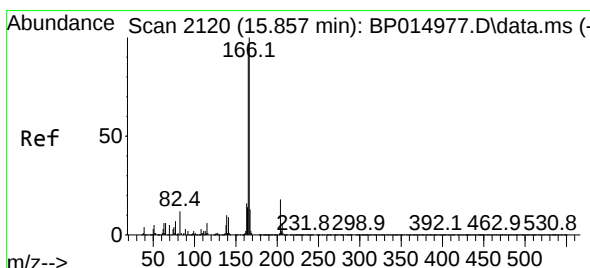
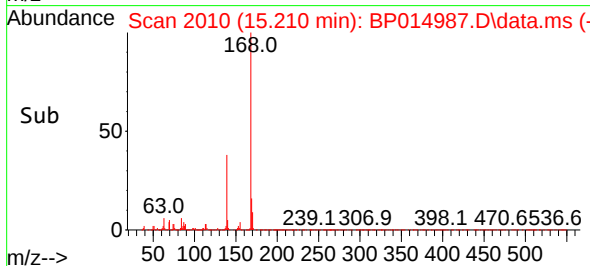
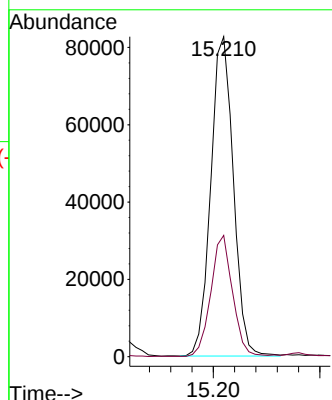
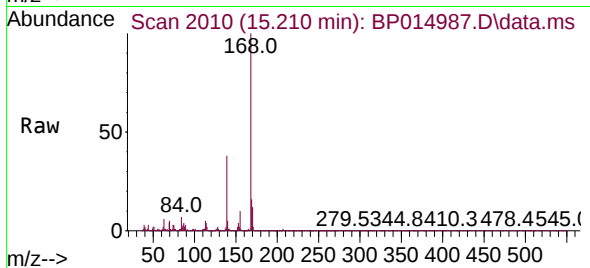
#56
Dibenzofuran
Concen: 1.399 ng/ul
RT: 15.210 min Scan# 2009
Delta R.T. 0.006 min
Lab File: BP014987.D
Acq: 05 May 2023 17:03

Instrument :
BNA_P
ClientSampleId :
EW937DL

Tgt Ion:168 Resp: 121488
Ion Ratio Lower Upper
168 100
139 37.9 28.6 42.8

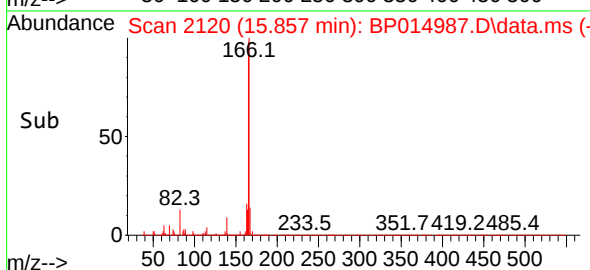
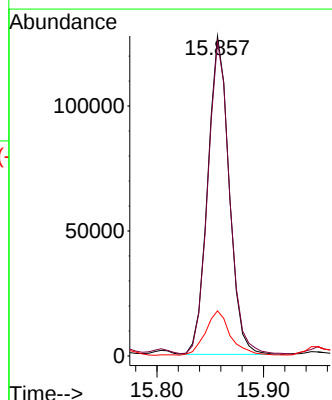
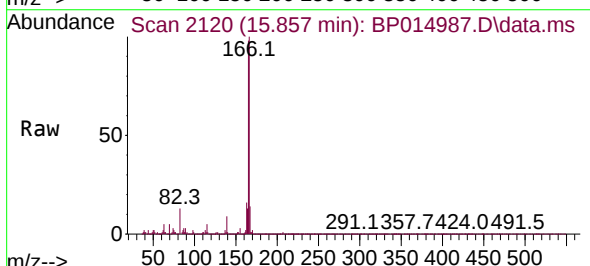
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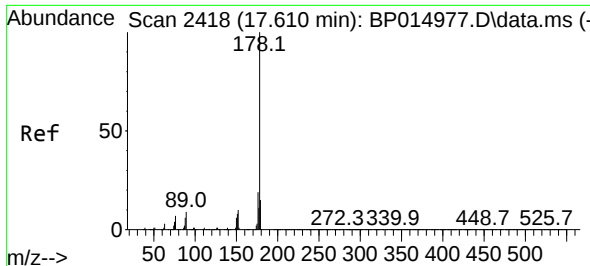
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023



#61
Fluorene
Concen: 2.601 ng/ul
RT: 15.857 min Scan# 2120
Delta R.T. -0.000 min
Lab File: BP014987.D
Acq: 05 May 2023 17:03

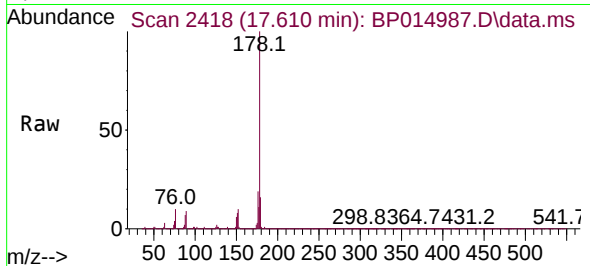
Tgt Ion:166 Resp: 178216
Ion Ratio Lower Upper
166 100
165 98.4 79.3 118.9
167 14.1 10.7 16.1





#72
Phenanthrene
Concen: 32.851 ng/ul
RT: 17.610 min Scan# 2418
Delta R.T. -0.000 min
Lab File: BP014987.D
Acq: 05 May 2023 17:03

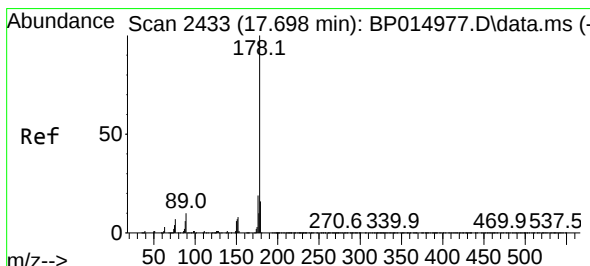
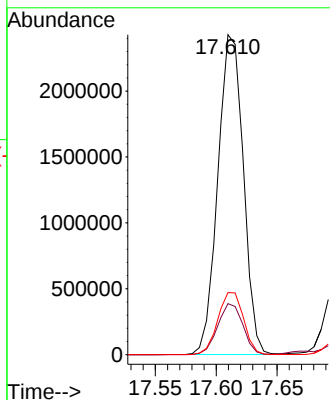
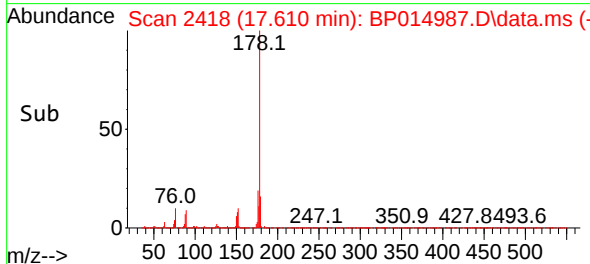
Instrument :
BNA_P
ClientSampleId :
EW937DL



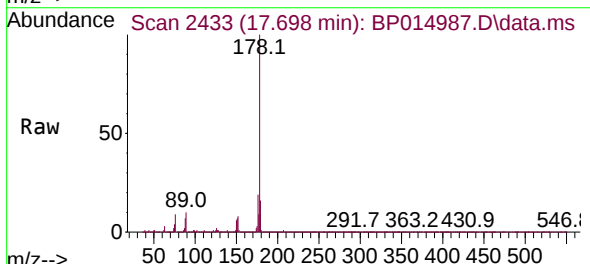
Tgt Ion:178 Resp: 3542254
Ion Ratio Lower Upper
178 100
179 15.9 12.2 18.4
176 19.4 15.4 23.0

Manual Integrations
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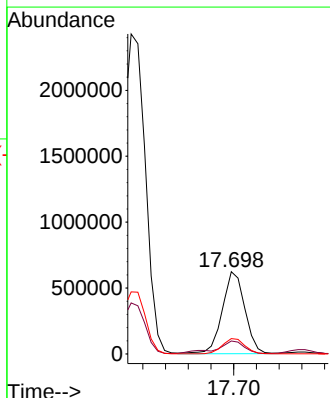
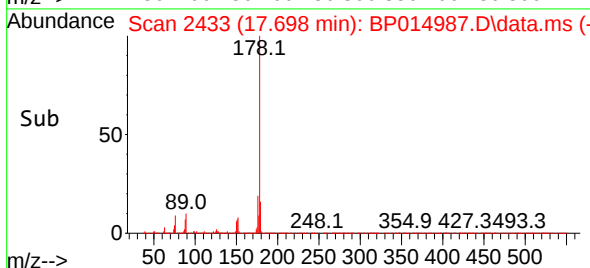
Reviewed By :Christian Giraldo 05/08/2023
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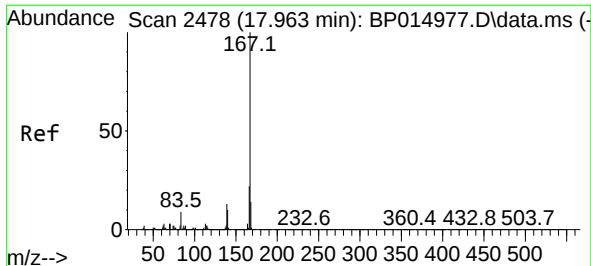


#74
Anthracene
Concen: 8.037 ng/ul
RT: 17.698 min Scan# 2433
Delta R.T. -0.000 min
Lab File: BP014987.D
Acq: 05 May 2023 17:03



Tgt Ion:178 Resp: 862758
Ion Ratio Lower Upper
178 100
179 15.8 12.6 18.8
176 18.8 15.0 22.4





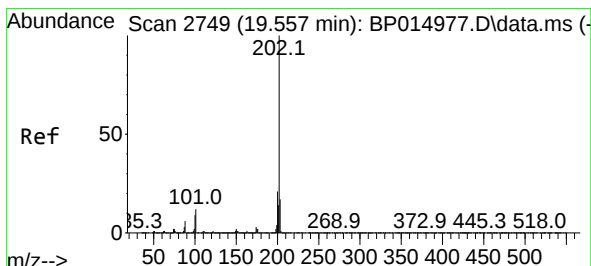
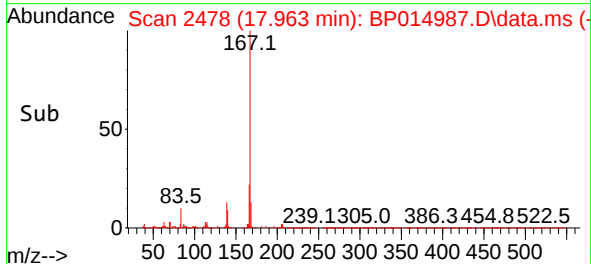
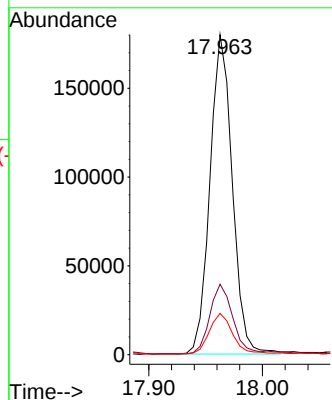
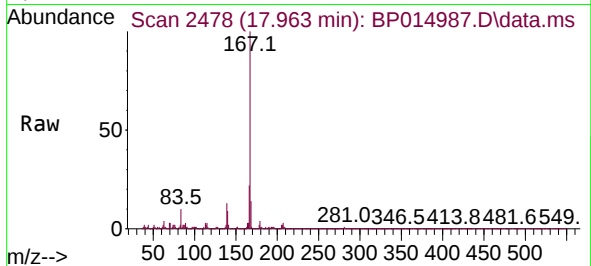
#77
 Carbazole
 Concen: 2.723 ng/ul
 RT: 17.963 min Scan# 2478
 Delta R.T. -0.000 min
 Lab File: BP014987.D
 Acq: 05 May 2023 17:03

Instrument :
 BNA_P
 ClientSampleId :
 EW937DL

Tgt Ion:167 Resp: 245914
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.1 25.7
 139 12.9 10.1 15.1

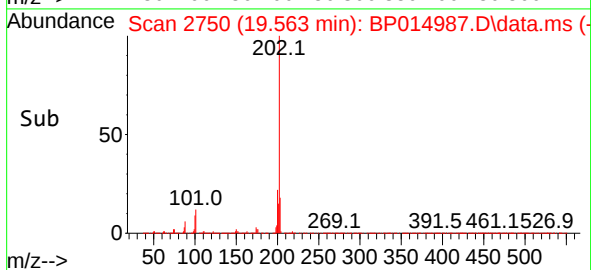
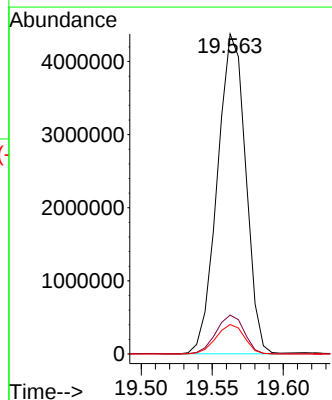
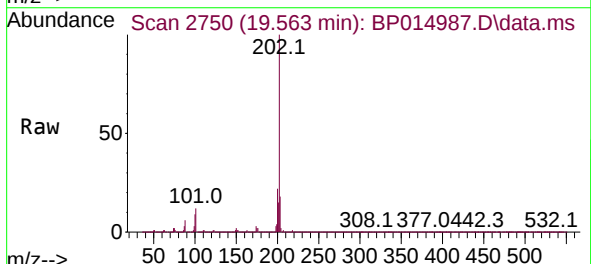
Manual Integrations
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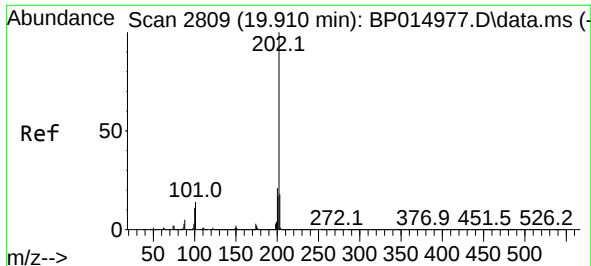
Reviewed By :Christian Giraldo 05/08/2023
 Supervised By :Jagrut Upadhyay 05/08/2023



#80
 Fluoranthene
 Concen: 71.015 ng/ul
 RT: 19.563 min Scan# 2750
 Delta R.T. 0.006 min
 Lab File: BP014987.D
 Acq: 05 May 2023 17:03

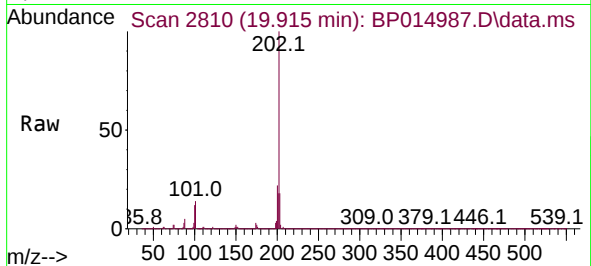
Tgt Ion:202 Resp: 6074143
 Ion Ratio Lower Upper
 202 100
 101 12.1 10.1 15.1
 100 9.2 7.7 11.5





#82
Pyrene
Concen: 58.112 ng/ul
RT: 19.915 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP014987.D
Acq: 05 May 2023 17:03

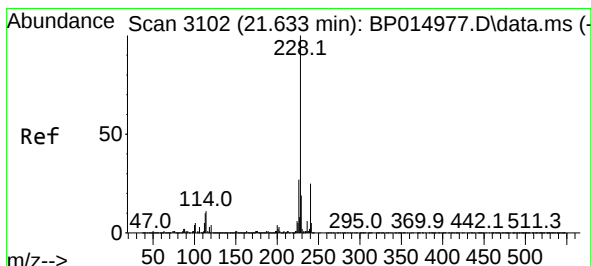
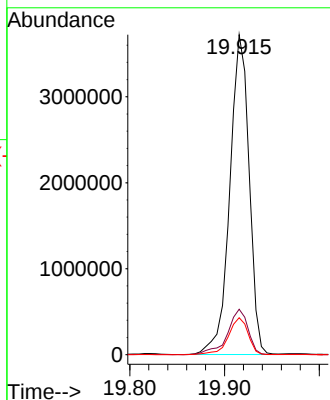
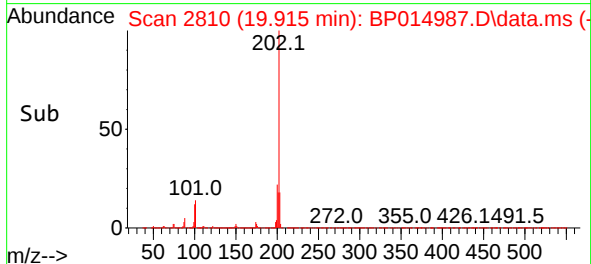
Instrument :
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ClientSampleId :
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Tgt Ion:202 Resp: 526617
Ion Ratio Lower Upper
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101 14.2 11.9 17.9
100 11.6 9.7 14.5

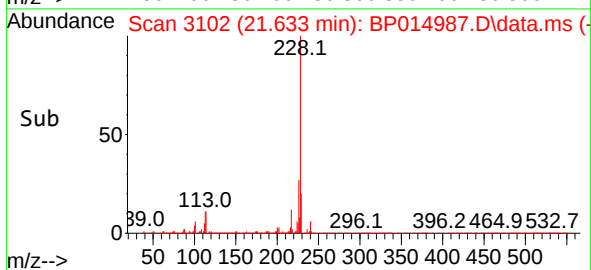
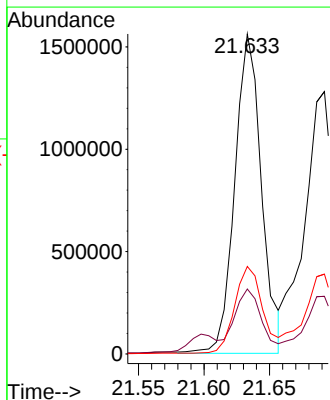
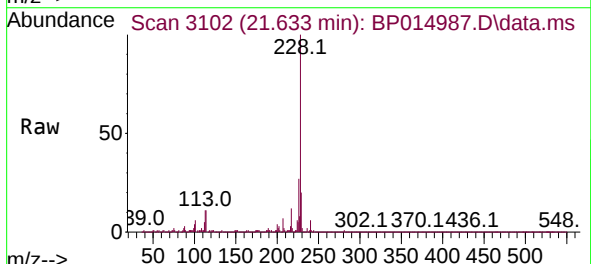
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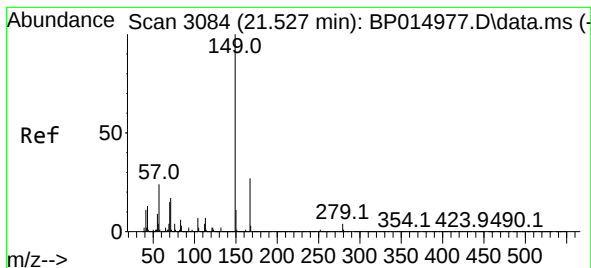
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023



#85
Benzo(a)anthracene
Concen: 32.061 ng/ul
RT: 21.633 min Scan# 3102
Delta R.T. -0.000 min
Lab File: BP014987.D
Acq: 05 May 2023 17:03

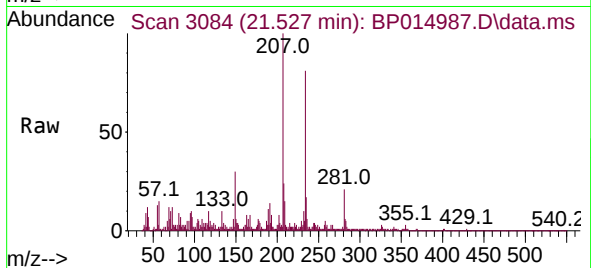
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Ion Ratio Lower Upper
228 100
229 20.3 15.9 23.9
226 27.4 22.1 33.1





#86
Bis(2-ethylhexyl)phthalate
Concen: 1.028 ng/ul
RT: 21.527 min Scan# 3084
Delta R.T. -0.000 min
Lab File: BP014987.D
Acq: 05 May 2023 17:03

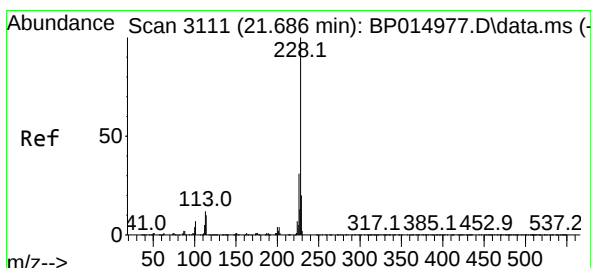
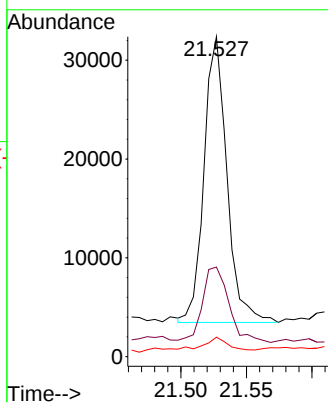
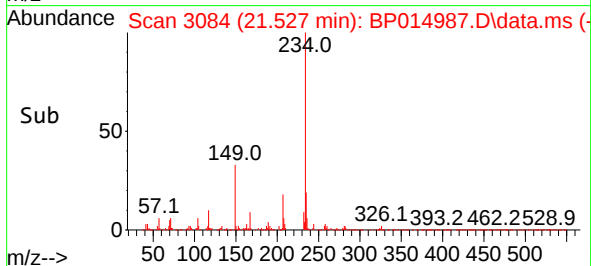
Instrument :
BNA_P
ClientSampleId :
EW937DL



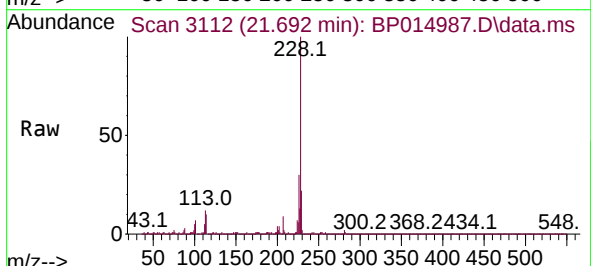
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Ion Ratio Lower Upper
149 100
167 28.0 22.0 33.0
279 6.1 2.9 4.3

Manual Integrations
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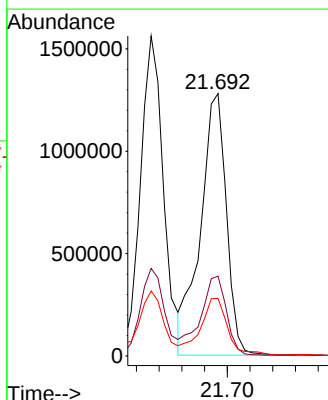
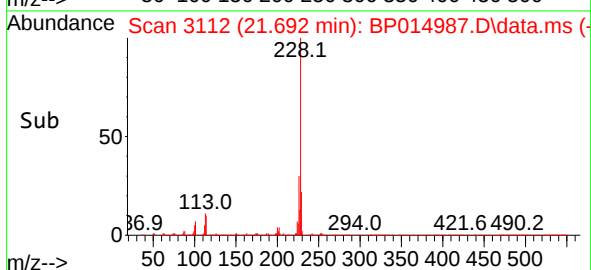
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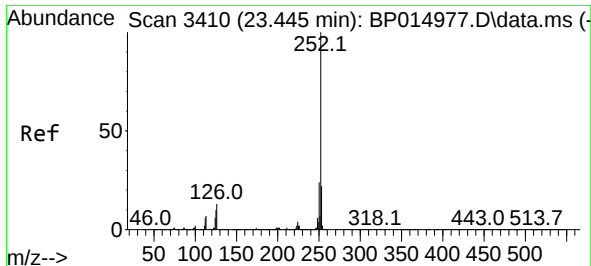


#87
Chrysene
Concen: 29.288 ng/ul
RT: 21.692 min Scan# 3112
Delta R.T. 0.006 min
Lab File: BP014987.D
Acq: 05 May 2023 17:03



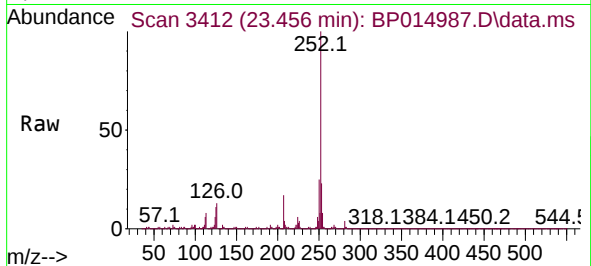
Tgt Ion:228 Resp: 2034324
Ion Ratio Lower Upper
228 100
226 30.4 24.3 36.5
229 22.0 15.8 23.8





#90
Benzo(b)fluoranthene
Concen: 33.427 ng/ul
RT: 23.456 min Scan# 3410
Delta R.T. 0.012 min
Lab File: BP014987.D
Acq: 05 May 2023 17:03

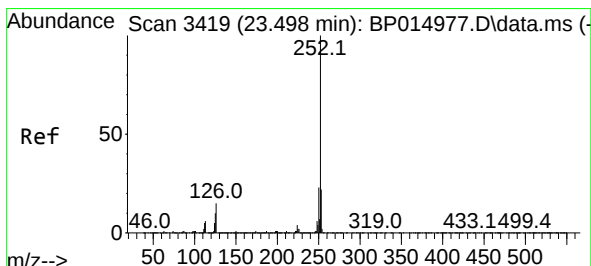
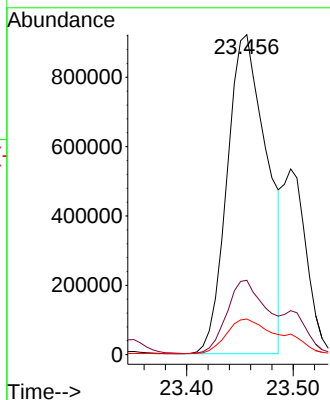
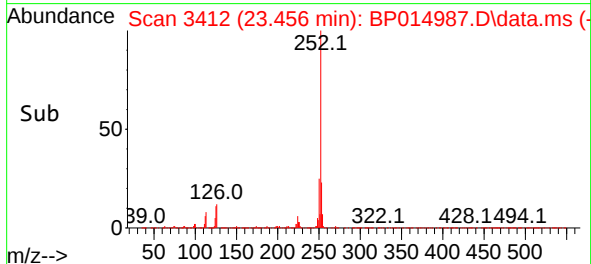
Instrument :
BNA_P
ClientSampleId :
EW937DL



Tgt Ion:252 Resp: 2400408
Ion Ratio Lower Upper
252 100
253 23.3 17.4 26.2
125 11.2 8.4 12.6

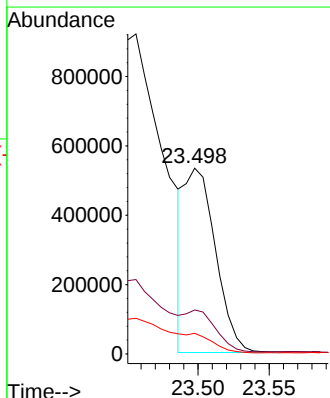
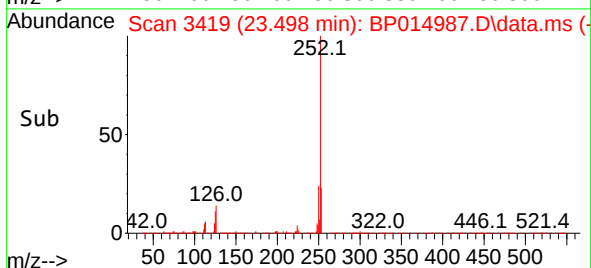
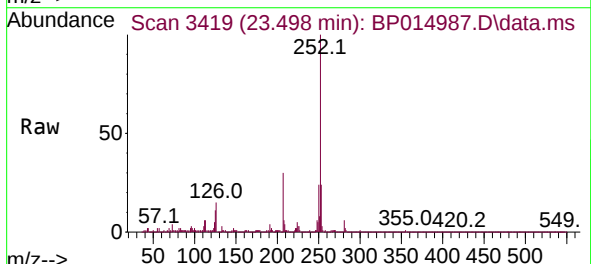
Manual Integrations
APPROVED

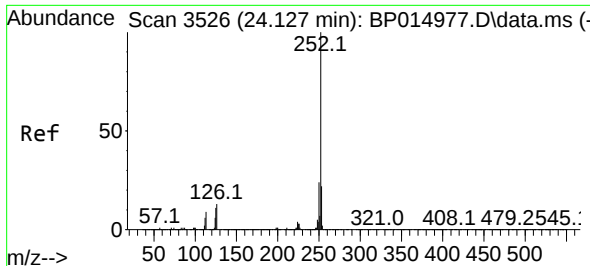
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023



#91
Benzo(k)fluoranthene
Concen: 11.072 ng/ul m
RT: 23.498 min Scan# 3419
Delta R.T. -0.000 min
Lab File: BP014987.D
Acq: 05 May 2023 17:03

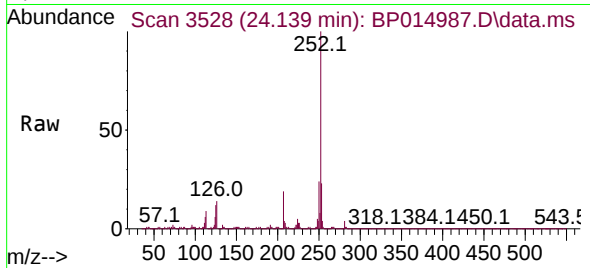
Tgt Ion:252 Resp: 809180
Ion Ratio Lower Upper
252 100
253 23.7 17.8 26.6
125 11.1 8.9 13.3





#93
Benzo(a)pyrene
Concen: 27.770 ng/ul
RT: 24.139 min Scan# 3526
Delta R.T. 0.012 min
Lab File: BP014987.D
Acq: 05 May 2023 17:03

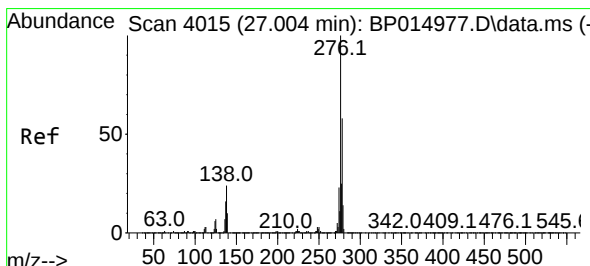
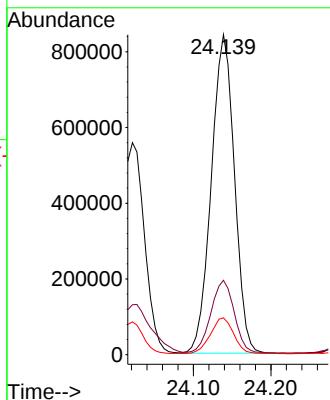
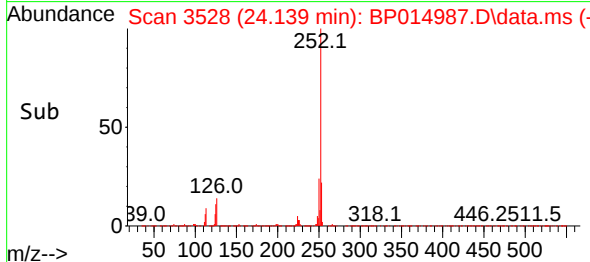
Instrument :
BNA_P
ClientSampleId :
EW937DL



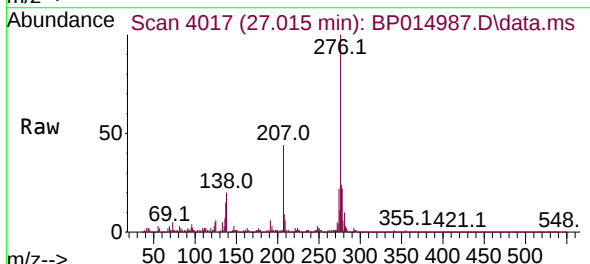
Tgt Ion:252 Resp: 1748880
Ion Ratio Lower Upper
252 100
253 23.2 17.5 26.3
125 11.5 9.4 14.2

Manual Integrations
APPROVED

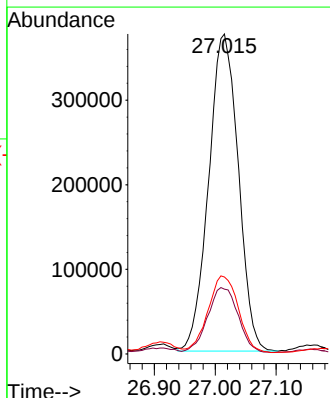
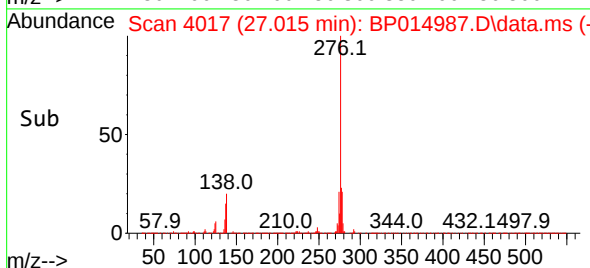
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023

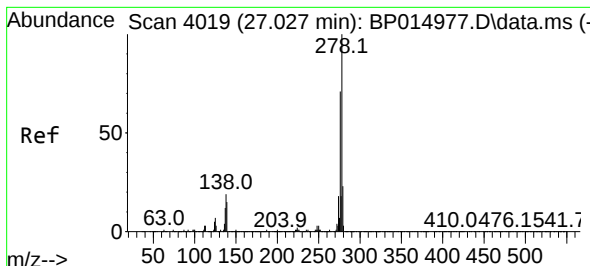


#94
Indeno(1,2,3-cd)pyrene
Concen: 16.480 ng/ul
RT: 27.015 min Scan# 4017
Delta R.T. 0.012 min
Lab File: BP014987.D
Acq: 05 May 2023 17:03



Tgt Ion:276 Resp: 1265987
Ion Ratio Lower Upper
276 100
138 20.3 19.4 29.0
277 24.1 19.4 29.2





#95

Dibenzo(a,h)anthracene

Concen: 5.297 ng/ul

RT: 27.021 min Scan# 4019

Delta R.T. -0.006 min

Lab File: BP014987.D

Acq: 05 May 2023 17:03

Instrument :

BNP_P

ClientSampleId :

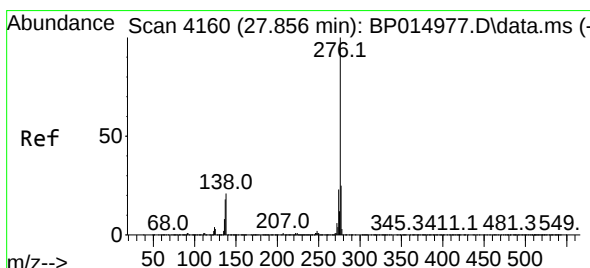
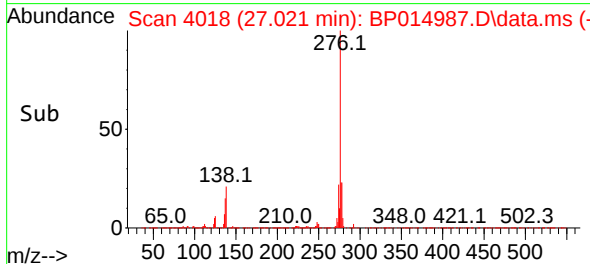
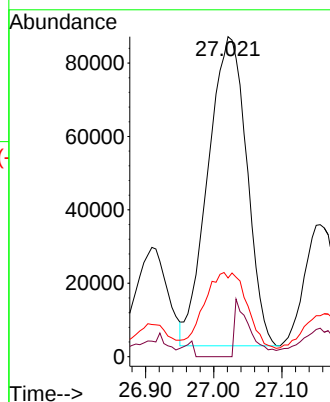
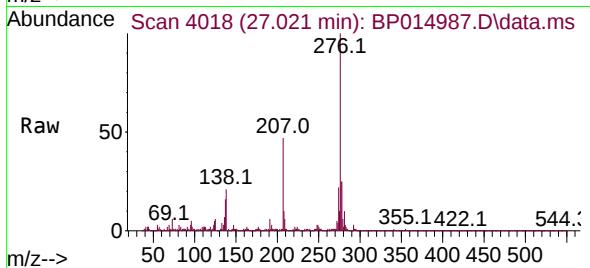
EW937DL

Tgt Ion:	278	Resp:	33351
Ion Ratio	Lower	Upper	
278	100		
139	0.0	12.9	19.3
279	24.6	19.0	28.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023



#96

Benzo(g,h,i)perylene

Concen: 16.635 ng/ul

RT: 27.874 min Scan# 4163

Delta R.T. 0.017 min

Lab File: BP014987.D

Acq: 05 May 2023 17:03

Tgt Ion:	276	Resp:	1087628
Ion Ratio	Lower	Upper	
276	100		
138	20.6	18.0	27.0
277	23.8	19.8	29.8

