

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050523\
 Data File : BP014986.D
 Acq On : 05 May 2023 16:30
 Operator : CG/JU
 Sample : 02479-12 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW953

Manual Integrations
 APPROVED

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

Quant Time: May 05 23:27:53 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	385933	20.000	ng/u1	0.00
20) Naphthalene-d8	11.004	136	1734946	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.810	164	1089430	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.569	188	2240145	20.000	ng/u1	0.00
79) Chrysene-d12	21.651	240	1388524	20.000	ng/u1	0.00
88) Perylene-d12	24.251	264	1302887	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.464	96	3290	0.317	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	0.00
7) Phenol-d5	7.311	99	73113	2.185	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.481	67	45399	2.195	ng/u1	0.00
11) 2-Chlorophenol-d4	7.693	132	57284	2.328	ng/u1	0.00
15) 4-Methylphenol-d8	8.875	113	57422	2.227	ng/u1	0.00
21) Nitrobenzene-d5	9.346	128	28120	2.279	ng/u1	0.00
24) 2-Nitrophenol-d4	10.075	143	31016	2.448	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.616	165	61778	2.483	ng/u1	0.00
31) 4-Chloroaniline-d4	11.140	131	60114	1.671	ng/u1	0.00
46) Dimethylphthalate-d6	14.210	166	226847	2.942	ng/u1	0.00
49) Acenaphthylene-d8	14.504	160	254049	2.747	ng/u1	0.00
54) 4-Nitrophenol-d4	14.998	143	12786m	0.953	ng/u1	0.00
60) Fluorene-d10	15.804	176	200154	3.017	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.922	200	11166m	0.885	ng/u1	0.00
73) Anthracene-d10	17.663	188	314667	3.126	ng/u1	0.00
81) Pyrene-d10	19.886	212	329779	3.521	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.080	264	204615	3.223	ng/u1	0.00
Target Compounds						Qvalue
61) Fluorene	15.857	166	103223	1.337	ng/u1	97
72) Phenanthrene	17.610	178	1685176	13.617	ng/u1	100
74) Anthracene	17.698	178	391638	3.179	ng/u1	99
77) Carbazole	17.963	167	143499	1.385	ng/u1	100
80) Fluoranthene	19.563	202	2541002	22.112	ng/u1	98
82) Pyrene	19.910	202	2048941	16.829	ng/u1	99
85) Benzo(a)anthracene	21.633	228	799674	8.628	ng/u1	100
87) Chrysene	21.686	228	752364	8.062	ng/u1	98
90) Benzo(b)fluoranthene	23.445	252	815493	9.685	ng/u1	98
91) Benzo(k)fluoranthene	23.498	252	293323m	3.423	ng/u1	98
93) Benzo(a)pyrene	24.133	252	562149	7.612	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	27.004	276	411822	4.572	ng/u1	96
95) Dibenzo(a,h)anthracene	27.009	278	104853	1.420	ng/u1#	87
96) Benzo(g,h,i)perylene	27.862	276	365098	4.762	ng/u1	98

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

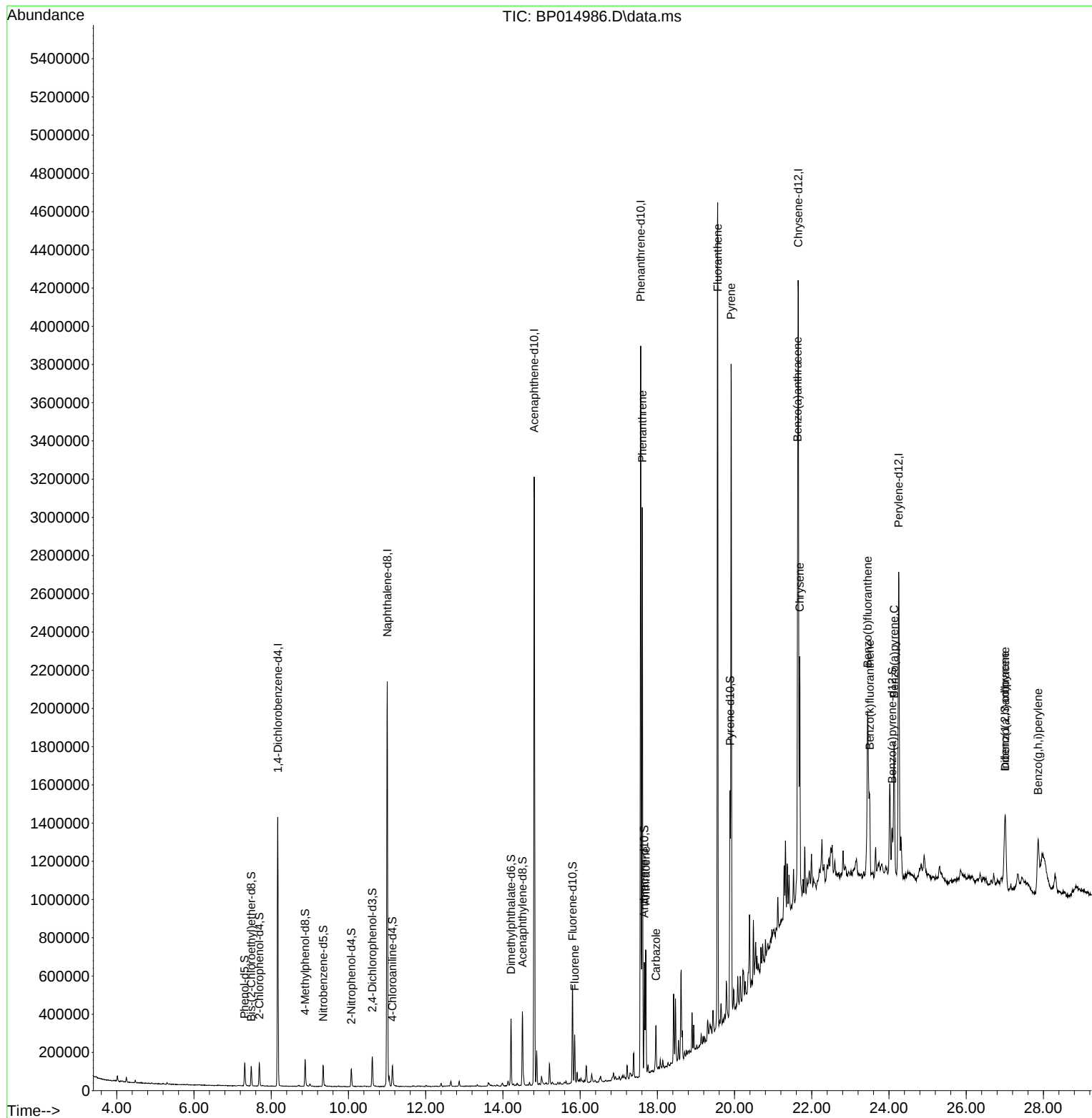
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050523\
 Data File : BP014986.D
 Acq On : 05 May 2023 16:30
 Operator : CG/JU
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 Misc :
 ALS Vial : 11 Sample Multiplier: 1

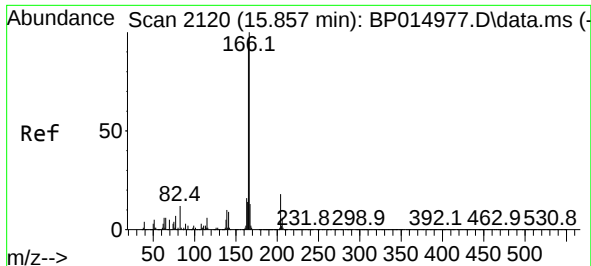
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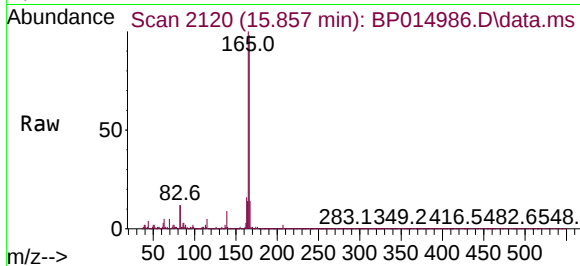
Quant Time: May 05 23:27:53 2023
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 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 05 12:12:36 2023
 Response via : Initial Calibration





#61
Fluorene
Concen: 1.337 ng/ul
RT: 15.857 min Scan# 2120
Delta R.T. 0.000 min
Lab File: BP014986.D
Acq: 05 May 2023 16:30

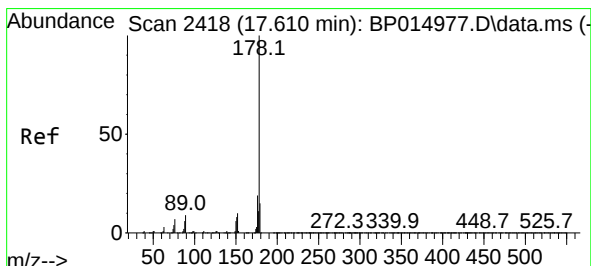
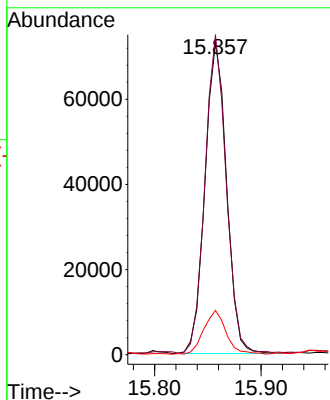
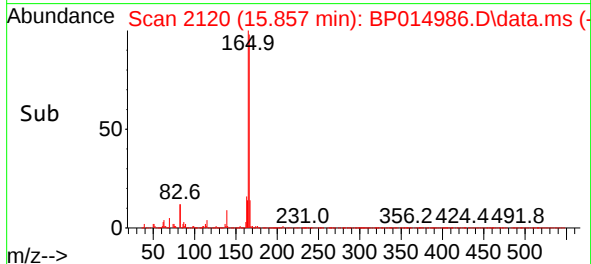
Instrument :
BNA_P
Client Sample Id :
EW953



Tgt Ion:166 Resp: 10322
Ion Ratio Lower Upper
166 100
165 102.5 79.3 118.9
167 14.2 10.7 16.1

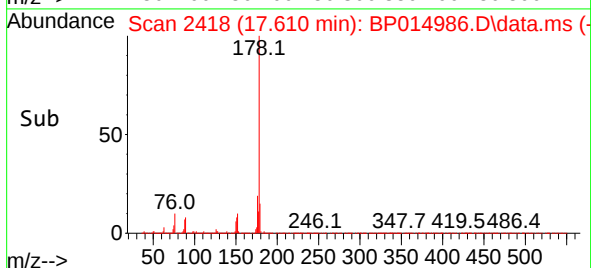
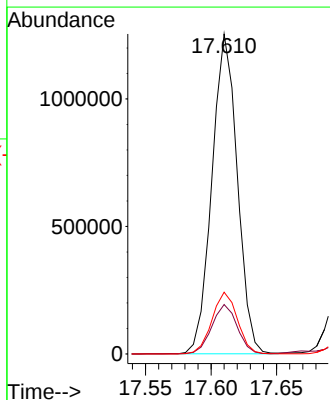
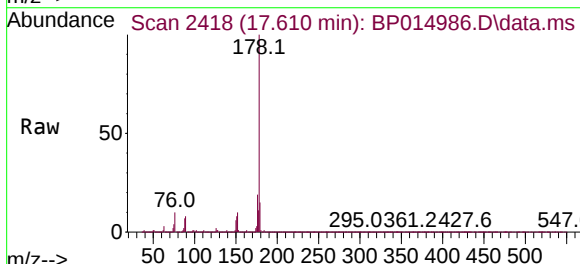
Manual Integrations
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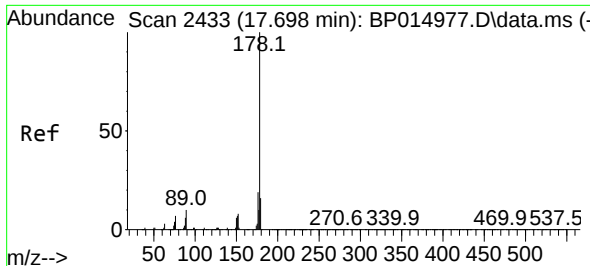
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023



#72
Phenanthrene
Concen: 13.617 ng/ul
RT: 17.610 min Scan# 2418
Delta R.T. 0.000 min
Lab File: BP014986.D
Acq: 05 May 2023 16:30

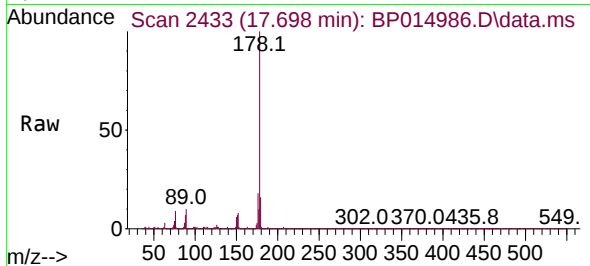
Tgt Ion:178 Resp: 1685176
Ion Ratio Lower Upper
178 100
179 15.5 12.2 18.4
176 19.3 15.4 23.0





#74
 Anthracene
 Concen: 3.179 ng/u1
 RT: 17.698 min Scan# 2433
 Delta R.T. 0.000 min
 Lab File: BP014986.D
 Acq: 05 May 2023 16:30

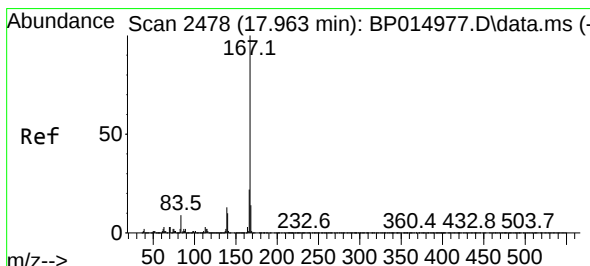
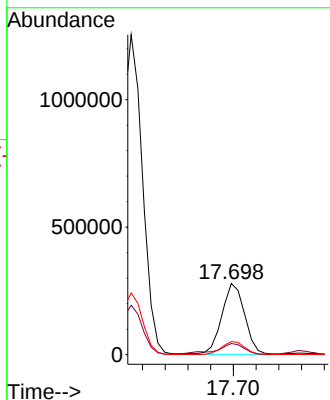
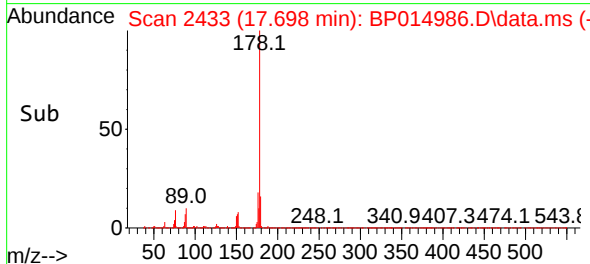
Instrument :
 BNA_P
 ClientSampleId :
 EW953



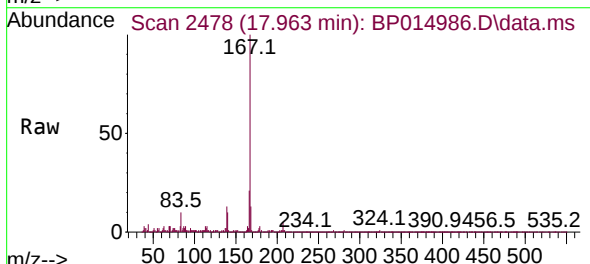
Tgt Ion:178 Resp: 391638
 Ion Ratio Lower Upper
 178 100
 179 15.6 12.6 18.8
 176 18.3 15.0 22.4

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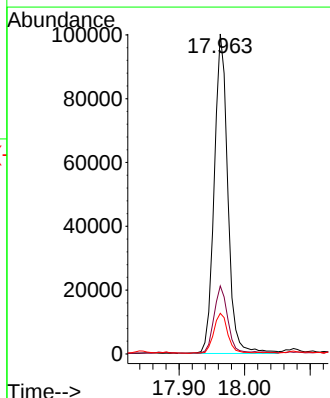
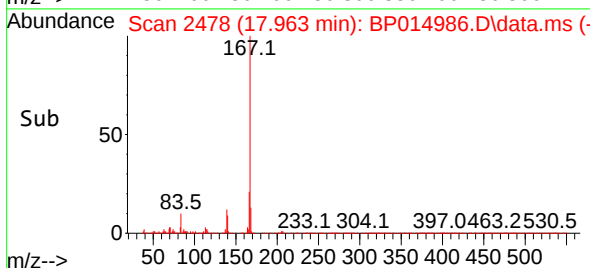
Reviewed By :Christian Giraldo 05/08/2023
 Supervised By :Jagrut Upadhyay 05/08/2023

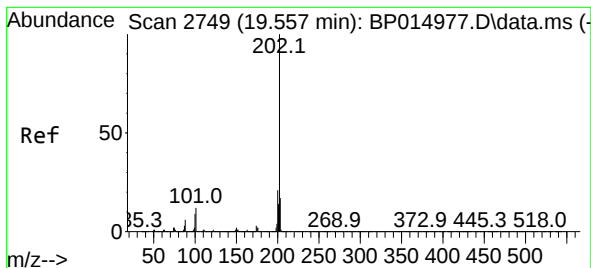


#77
 Carbazole
 Concen: 1.385 ng/u1
 RT: 17.963 min Scan# 2478
 Delta R.T. 0.000 min
 Lab File: BP014986.D
 Acq: 05 May 2023 16:30



Tgt Ion:167 Resp: 143499
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.1 25.7
 139 12.7 10.1 15.1





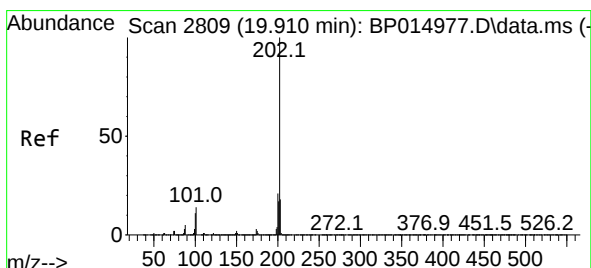
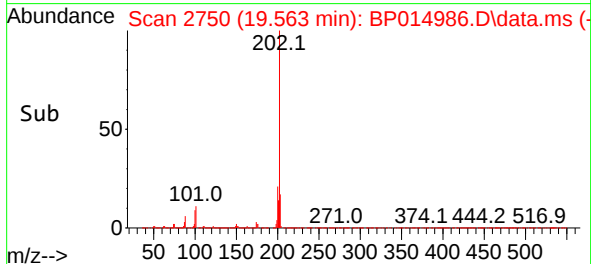
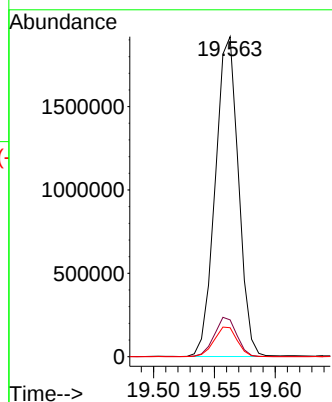
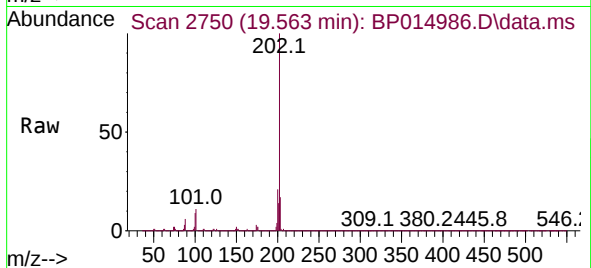
#80
Fluoranthene
Concen: 22.112 ng/u1
RT: 19.563 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP014986.D
Acq: 05 May 2023 16:30

Instrument :
BNA_P
ClientSampleId :
EW953

Tgt Ion:202 Resp: 254100
Ion Ratio Lower Upper
202 100
101 11.5 10.1 15.1
100 9.1 7.7 11.5

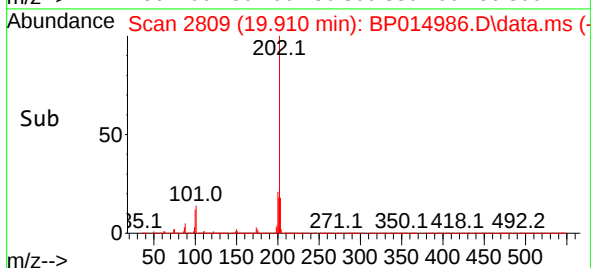
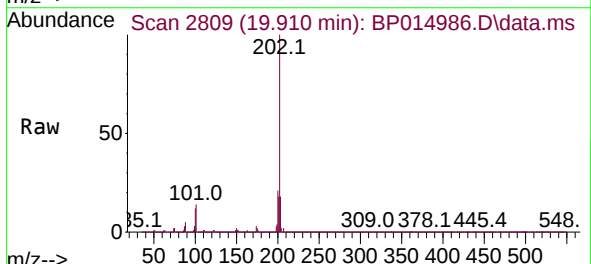
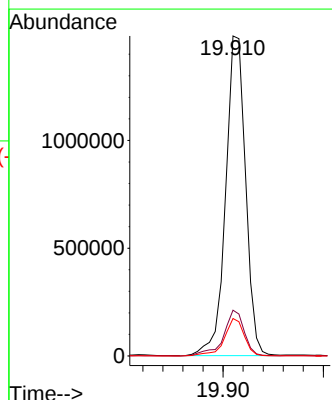
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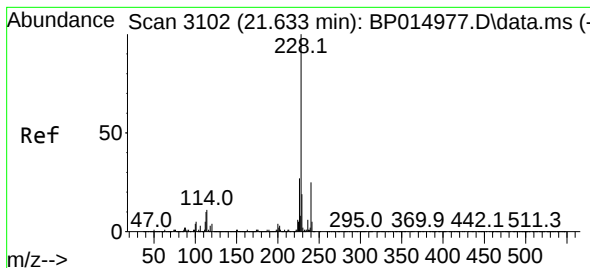
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023



#82
Pyrene
Concen: 16.829 ng/u1
RT: 19.910 min Scan# 2809
Delta R.T. 0.000 min
Lab File: BP014986.D
Acq: 05 May 2023 16:30

Tgt Ion:202 Resp: 2048941
Ion Ratio Lower Upper
202 100
101 14.3 11.9 17.9
100 11.7 9.7 14.5





#85

Benzo(a)anthracene

Concen: 8.628 ng/ul

RT: 21.633 min Scan# 3102

Delta R.T. 0.000 min

Lab File: BP014986.D

Acq: 05 May 2023 16:30

Instrument :

BNA_P

ClientSampleId :

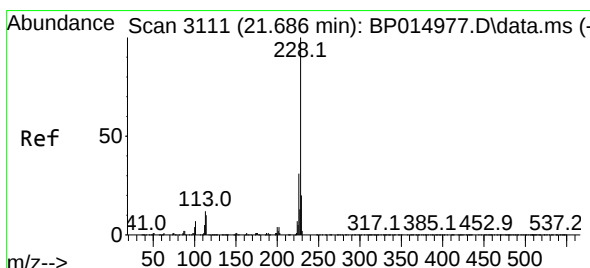
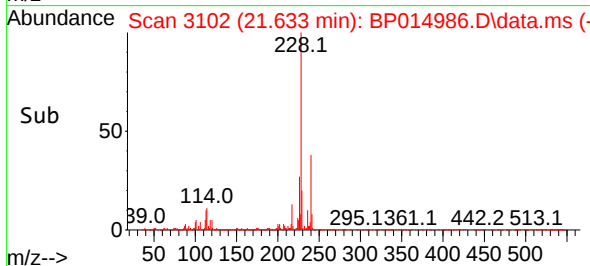
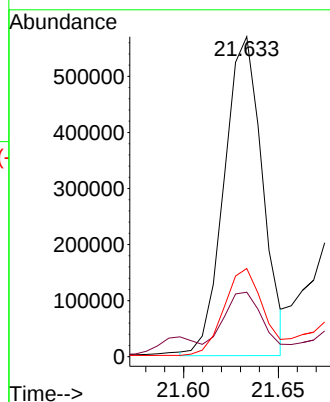
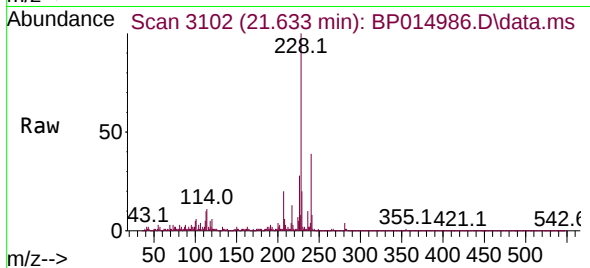
EW953

Tgt Ion:228 Resp: 799674
 Ion Ratio Lower Upper
 228 100
 229 20.2 15.9 23.9
 226 27.5 22.1 33.1

Manual Integrations

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 Supervised By :Jagrut Upadhyay 05/08/2023



#87

Chrysene

Concen: 8.062 ng/ul

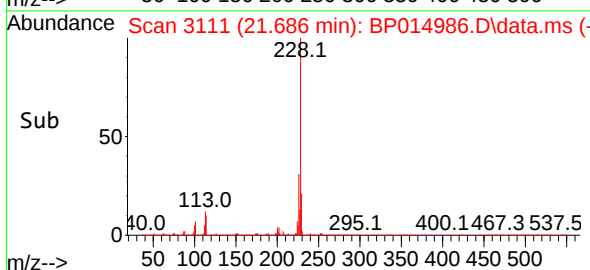
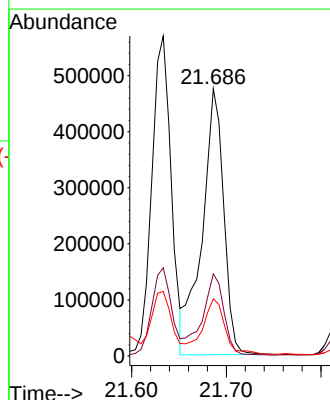
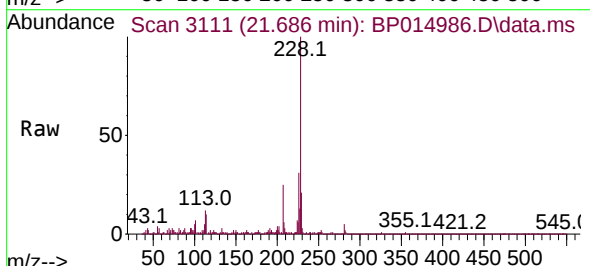
RT: 21.686 min Scan# 3111

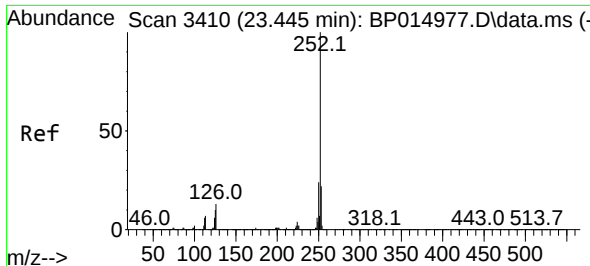
Delta R.T. 0.000 min

Lab File: BP014986.D

Acq: 05 May 2023 16:30

Tgt Ion:228 Resp: 752364
 Ion Ratio Lower Upper
 228 100
 226 30.7 24.3 36.5
 229 21.4 15.8 23.8





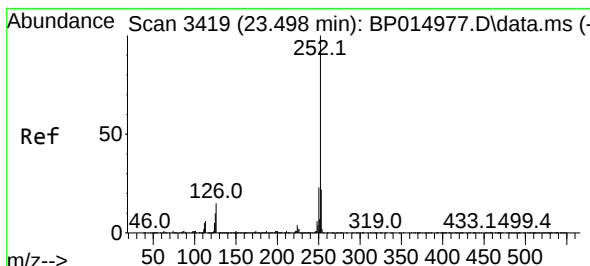
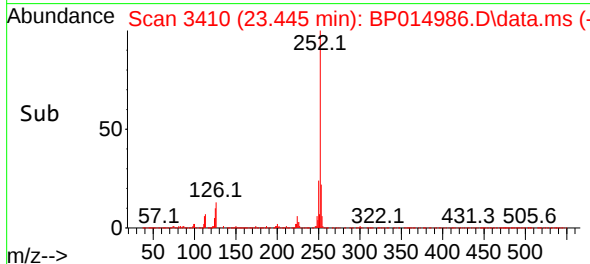
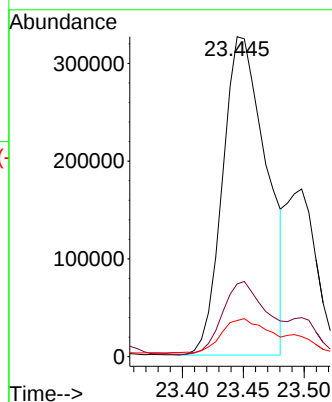
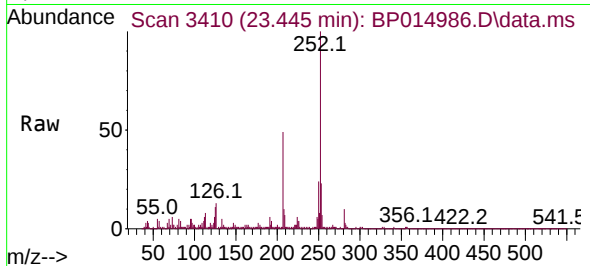
#90
Benzo(b)fluoranthene
Concen: 9.685 ng/ul
RT: 23.445 min Scan# 3410
Delta R.T. 0.000 min
Lab File: BP014986.D
Acq: 05 May 2023 16:30

Instrument :
BNA_P
ClientSampleId :
EW953

Tgt Ion:252 Resp: 81549
Ion Ratio Lower Upper
252 100
253 22.7 17.4 26.2
125 11.3 8.4 12.6

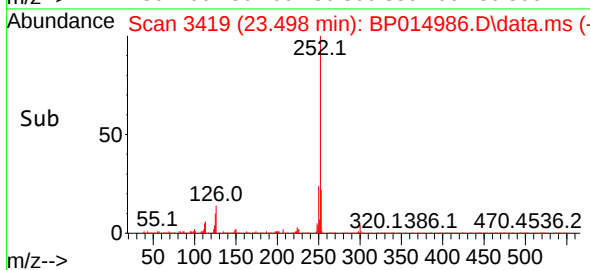
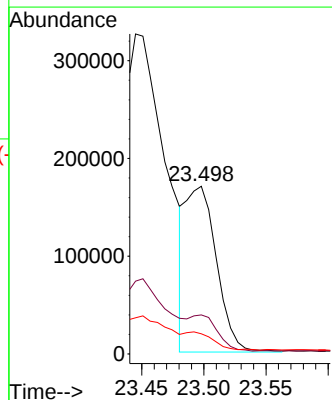
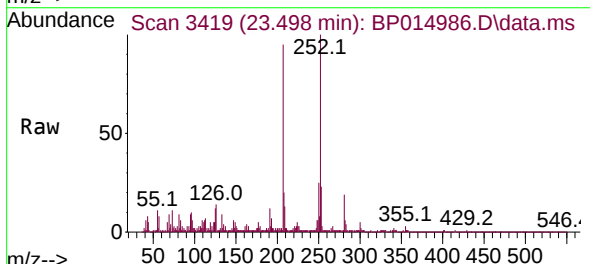
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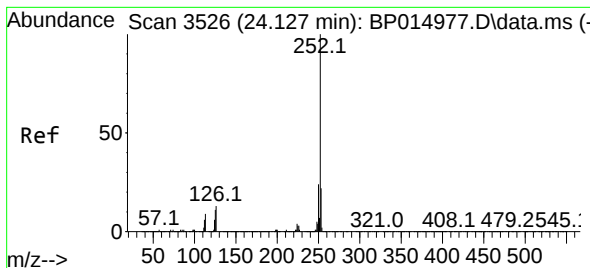
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023



#91
Benzo(k)fluoranthene
Concen: 3.423 ng/ul m
RT: 23.498 min Scan# 3419
Delta R.T. 0.000 min
Lab File: BP014986.D
Acq: 05 May 2023 16:30

Tgt Ion:252 Resp: 293323
Ion Ratio Lower Upper
252 100
253 23.3 17.8 26.6
125 12.1 8.9 13.3





#93

Benzo(a)pyrene

Concen: 7.612 ng/ul

RT: 24.133 min Scan# 3526

Delta R.T. 0.006 min

Lab File: BP014986.D

Acq: 05 May 2023 16:30

Instrument :

BNA_P

ClientSampleId :

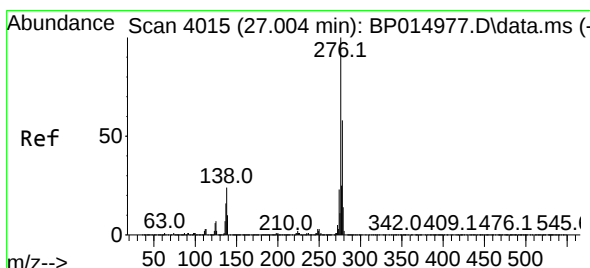
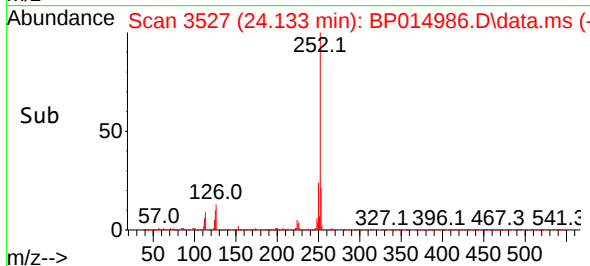
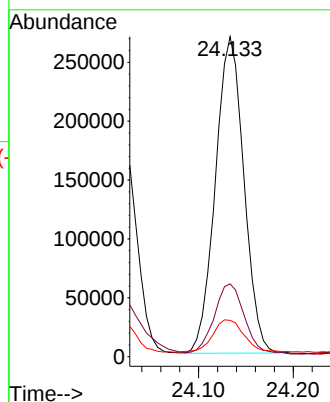
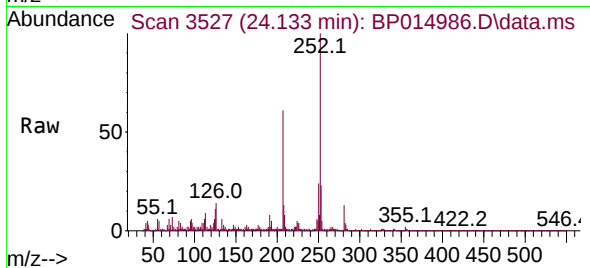
EW953

Tgt Ion:	252	Resp:	562149
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.5	26.3
125	11.4	9.4	14.2

Manual Integrations

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Supervised By :Jagrut Upadhyay 05/08/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.572 ng/ul

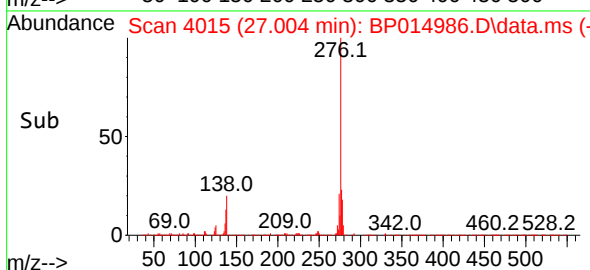
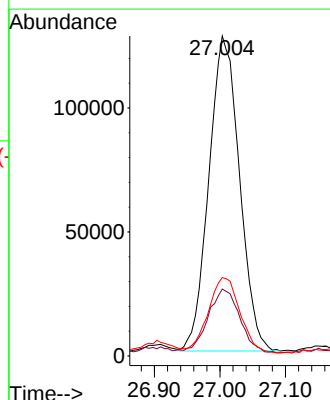
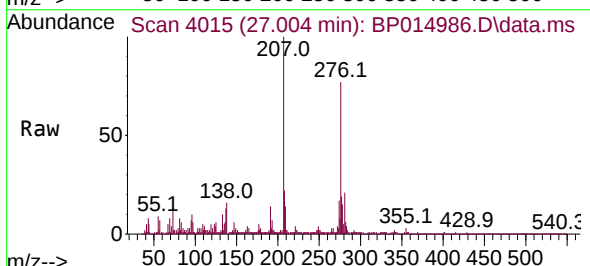
RT: 27.004 min Scan# 4015

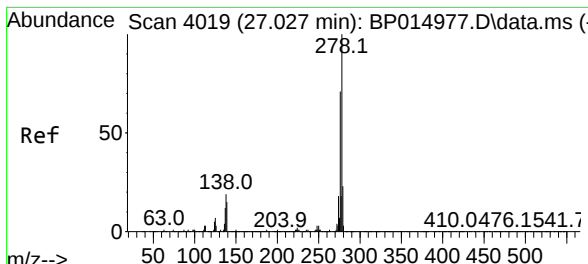
Delta R.T. 0.000 min

Lab File: BP014986.D

Acq: 05 May 2023 16:30

Tgt Ion:	276	Resp:	411822
Ion Ratio	Lower	Upper	
276	100		
138	20.9	19.4	29.0
277	24.5	19.4	29.2





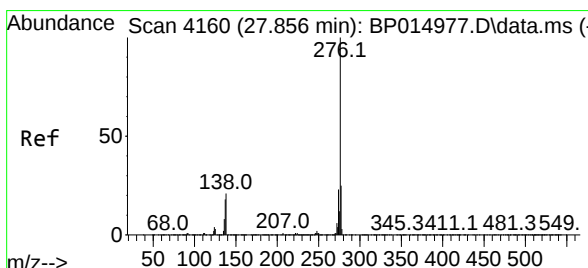
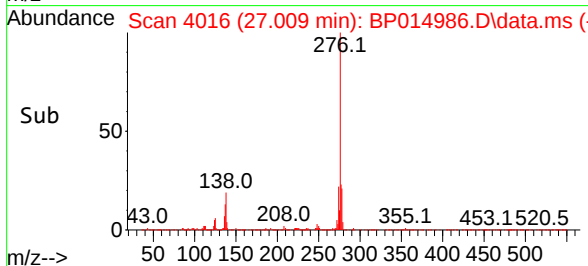
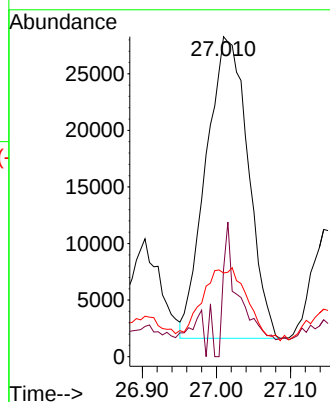
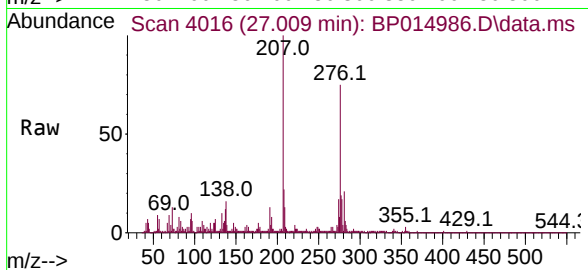
#95
 Dibenzo(a,h)anthracene
 Concen: 1.420 ng/ul
 RT: 27.009 min Scan# 4019
 Delta R.T. -0.018 min
 Lab File: BP014986.D
 Acq: 05 May 2023 16:30

Instrument :
 BNA_P
 ClientSampleId :
 EW953

Tgt Ion:278 Resp: 10485
 Ion Ratio Lower Upper
 278 100
 139 27.3 12.9 19.3
 279 26.1 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: 4.762 ng/ul
 RT: 27.862 min Scan# 4161
 Delta R.T. 0.006 min
 Lab File: BP014986.D
 Acq: 05 May 2023 16:30

Tgt Ion:276 Resp: 365098
 Ion Ratio Lower Upper
 276 100
 138 21.7 18.0 27.0
 277 23.6 19.8 29.8

