

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
 Data File : BP014973.D
 Acq On : 05 May 2023 02:41
 Operator : CG/JU
 Sample : 02479-11
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW952

Manual Integrations
 APPROVED

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

Quant Time: May 05 04:22:51 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	330044	20.000	ng/u1	0.00
20) Naphthalene-d8	11.004	136	1311663	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.810	164	704631	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.569	188	1219745	20.000	ng/u1	0.00
79) Chrysene-d12	21.651	240	974608	20.000	ng/u1	0.00
88) Perylene-d12	24.251	264	1203564	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.463	96	23325	2.628	ng/uL	0.00
4) Pyridine-d5	3.928	84	14345m	0.591	ng/u1	0.03
7) Phenol-d5	7.316	99	415411	14.518	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.481	67	270035	15.268	ng/u1	0.00
11) 2-Chlorophenol-d4	7.693	132	341090	16.212	ng/u1	0.00
15) 4-Methylphenol-d8	8.875	113	262691	11.913	ng/u1	0.00
21) Nitrobenzene-d5	9.346	128	163025	17.476	ng/u1	0.00
24) 2-Nitrophenol-d4	10.075	143	175090	18.278	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.616	165	297227	15.803	ng/u1	0.00
31) 4-Chloroaniline-d4	11.134	131	335466	12.331	ng/u1	0.00
46) Dimethylphthalate-d6	14.210	166	858230	17.209	ng/u1	0.00
49) Acenaphthylene-d8	14.510	160	1008968	16.870	ng/u1	0.00
54) 4-Nitrophenol-d4	14.998	143	60704	6.997	ng/u1	0.01
60) Fluorene-d10	15.804	176	687384	16.021	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.922	200	33294	4.849	ng/u1	0.01
73) Anthracene-d10	17.663	188	909361	16.593	ng/u1	0.00
81) Pyrene-d10	19.886	212	981445	14.931	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.080	264	1039542	17.727	ng/u1	0.01
Target Compounds					Qvalue	
72) Phenanthrene	17.610	178	633172	9.396	ng/u1	99
74) Anthracene	17.698	178	154957	2.310	ng/u1	99
77) Carbazole	17.963	167	68268	1.210	ng/u1	98
80) Fluoranthene	19.557	202	1356864	16.822	ng/u1	99
82) Pyrene	19.916	202	1253847	14.673	ng/u1	96
85) Benzo(a)anthracene	21.627	228	663774	10.204	ng/u1	98
87) Chrysene	21.686	228	663822	10.135	ng/u1	97
90) Benzo(b)fluoranthene	23.445	252	839271	10.790	ng/u1	98
91) Benzo(k)fluoranthene	23.492	252	302913m	3.826	ng/u1	
93) Benzo(a)pyrene	24.133	252	637888	9.351	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	27.003	276	417477	5.017	ng/u1	97
95) Dibenzo(a,h)anthracene	27.009	278	104342	1.530	ng/u1#	75
96) Benzo(g,h,i)perylene	27.862	276	350982	4.956	ng/u1	98

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

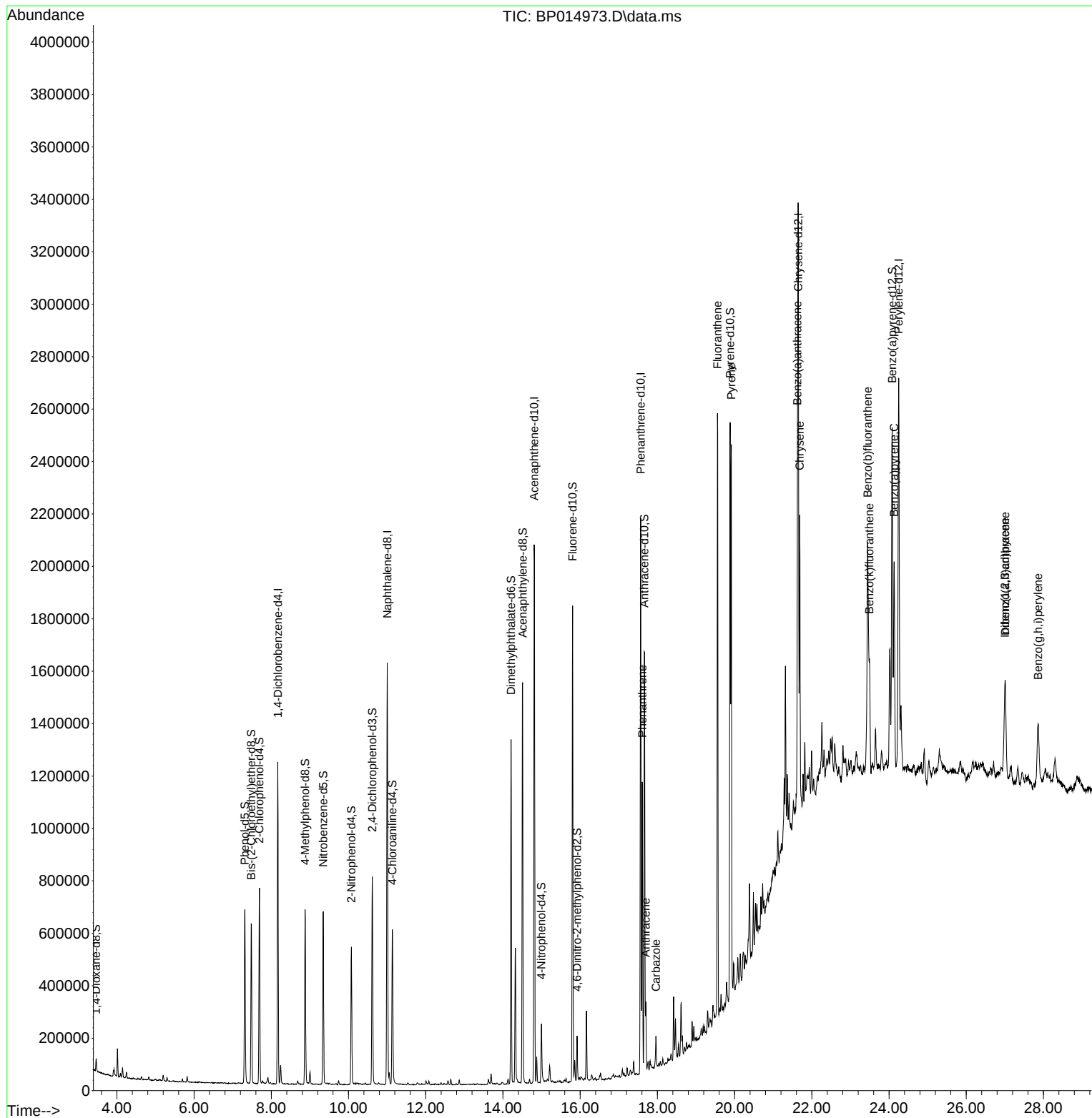
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
 Data File : BP014973.D
 Acq On : 05 May 2023 02:41
 Operator : CG/JU
 Sample : 02479-11
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 ALS Vial : 32 Sample Multiplier: 1

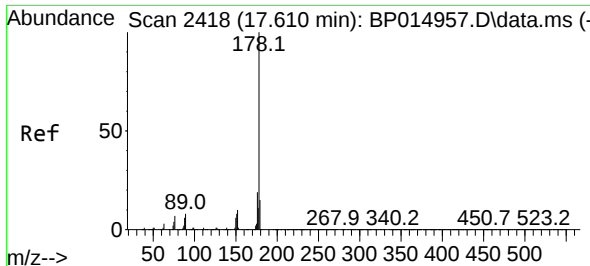
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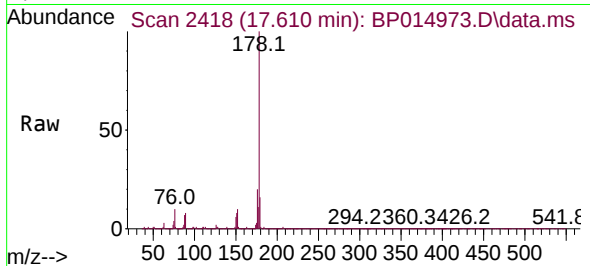
Quant Time: May 05 04:22:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 04 11:40:49 2023
 Response via : Initial Calibration





#72
Phenanthrene
Concen: 9.396 ng/ul
RT: 17.610 min Scan# 2418
Delta R.T. -0.000 min
Lab File: BP014973.D
Acq: 05 May 2023 02:41

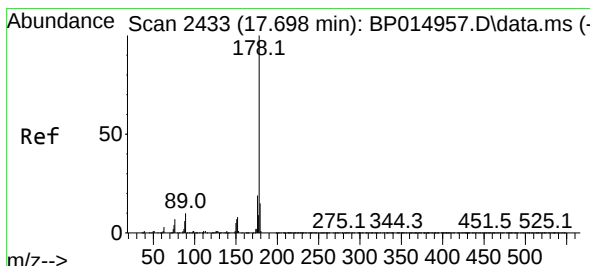
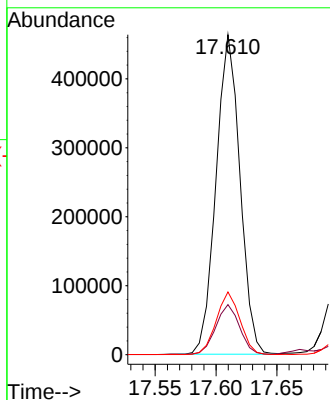
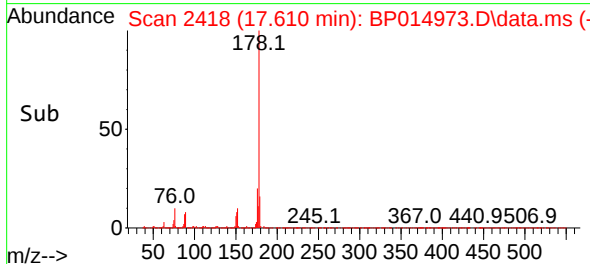
Instrument :
BNA_P
ClientSampleId :
EW952



Tgt Ion:178 Resp: 633172
Ion Ratio Lower Upper
178 100
179 15.6 12.2 18.4
176 19.6 15.4 23.0

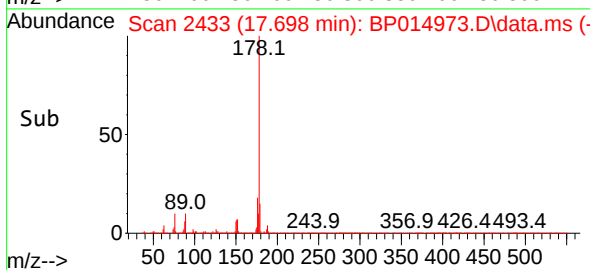
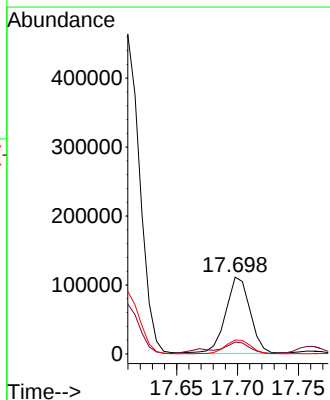
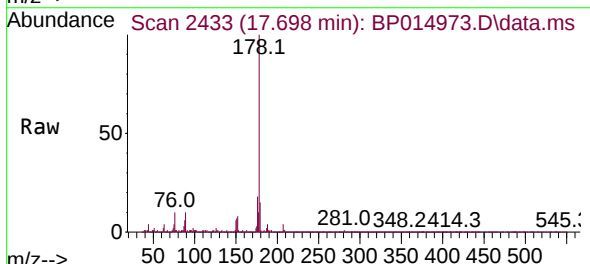
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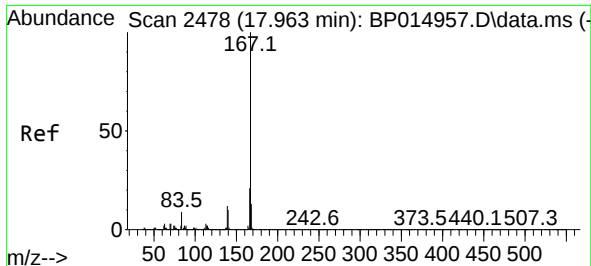
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#74
Anthracene
Concen: 2.310 ng/ul
RT: 17.698 min Scan# 2433
Delta R.T. -0.000 min
Lab File: BP014973.D
Acq: 05 May 2023 02:41

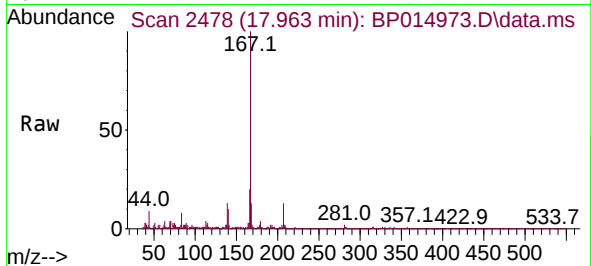
Tgt Ion:178 Resp: 154957
Ion Ratio Lower Upper
178 100
179 15.5 12.6 18.8
176 18.1 15.0 22.4





#77
 Carbazole
 Concen: 1.210 ng/ul
 RT: 17.963 min Scan# 2478
 Delta R.T. -0.000 min
 Lab File: BP014973.D
 Acq: 05 May 2023 02:41

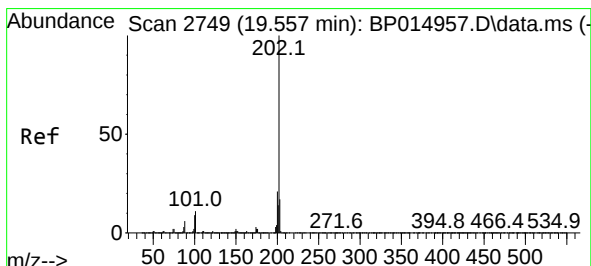
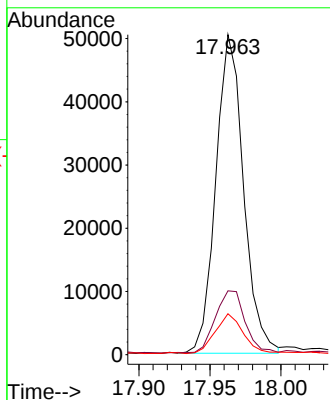
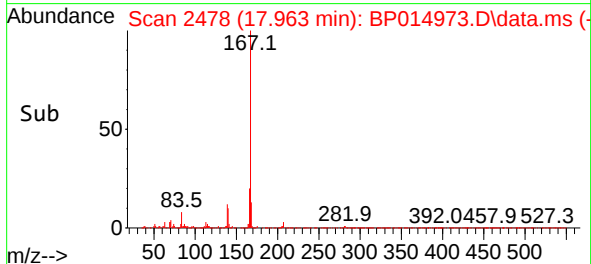
Instrument :
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Tgt Ion:167 Resp: 68268
 Ion Ratio Lower Upper
 167 100
 166 19.9 17.1 25.7
 139 12.8 10.1 15.1

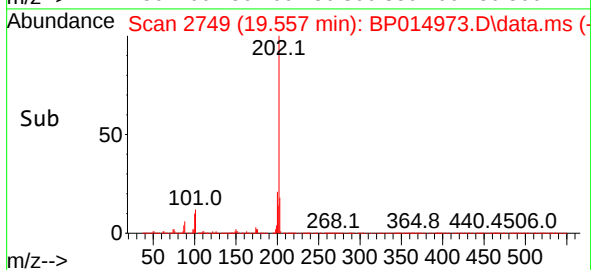
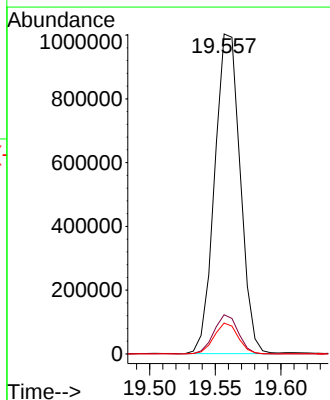
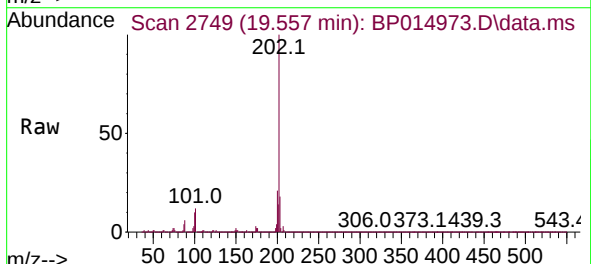
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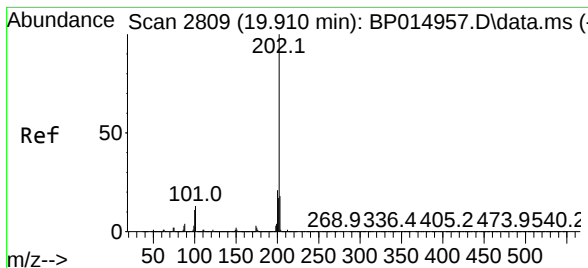
Reviewed By :Christian Giraldo 05/05/2023
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#80
 Fluoranthene
 Concen: 16.822 ng/ul
 RT: 19.557 min Scan# 2749
 Delta R.T. -0.000 min
 Lab File: BP014973.D
 Acq: 05 May 2023 02:41

Tgt Ion:202 Resp: 1356864
 Ion Ratio Lower Upper
 202 100
 101 12.3 10.1 15.1
 100 9.6 7.7 11.5





#82

Pyrene

Concen: 14.673 ng/ul

RT: 19.916 min Scan# 2809

Delta R.T. 0.006 min

Lab File: BP014973.D

Acq: 05 May 2023 02:41

Instrument :

BNA_P

ClientSampleId :

EW952

Tgt Ion:202 Resp: 125384

Ion Ratio Lower Upper

202 100

101 13.6 11.9 17.9

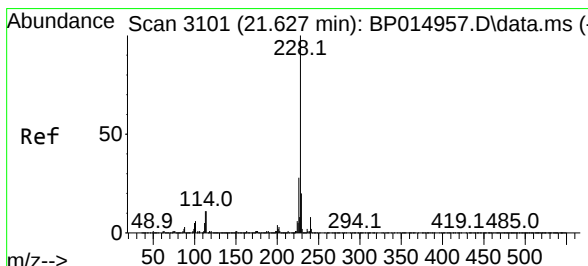
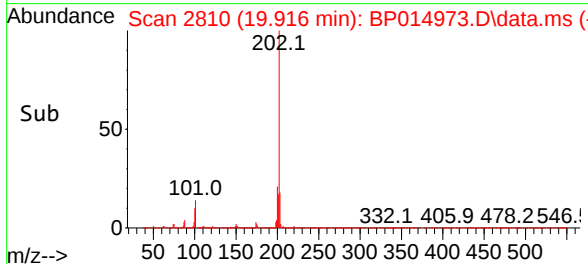
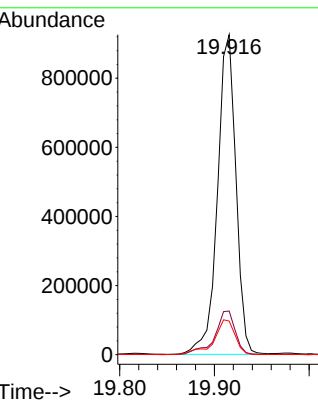
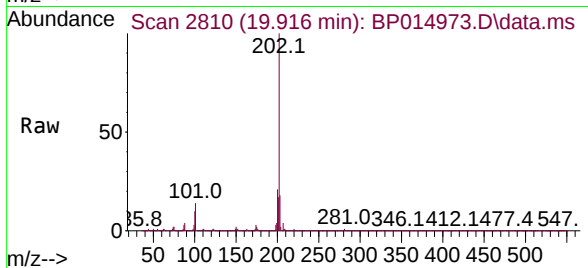
100 10.5 9.7 14.5

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#85

Benzo(a)anthracene

Concen: 10.204 ng/ul

RT: 21.627 min Scan# 3101

Delta R.T. -0.000 min

Lab File: BP014973.D

Acq: 05 May 2023 02:41

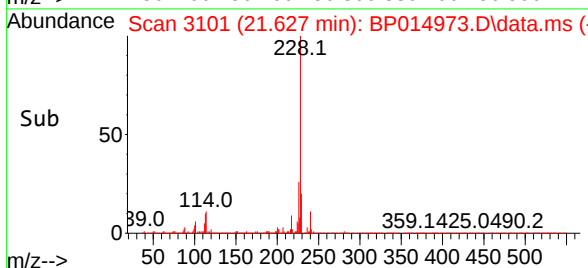
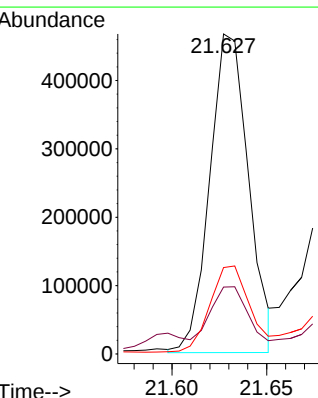
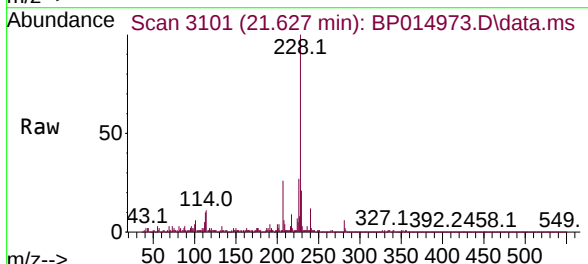
Tgt Ion:228 Resp: 663774

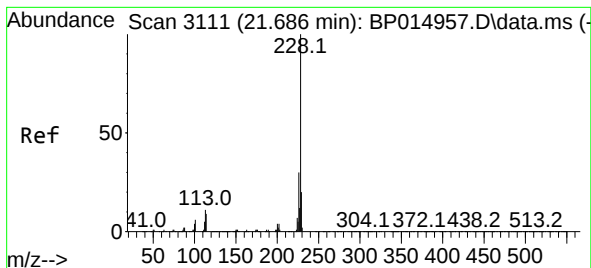
Ion Ratio Lower Upper

228 100

229 20.9 15.9 23.9

226 27.0 22.1 33.1





#87

Chrysene

Concen: 10.135 ng/ul

RT: 21.686 min Scan# 3111

Delta R.T. -0.000 min

Lab File: BP014973.D

Acq: 05 May 2023 02:41

Instrument :

BNA_P

ClientSampleId :

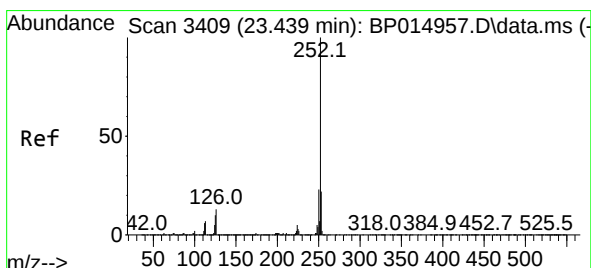
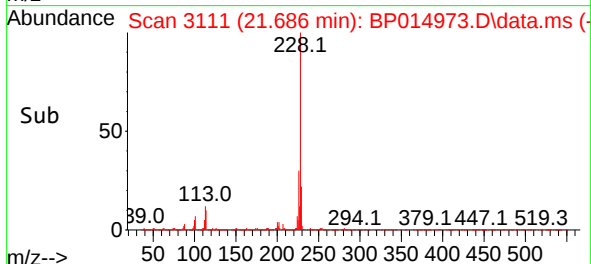
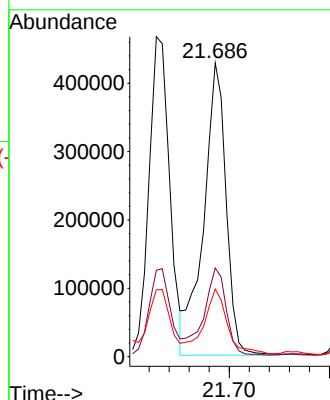
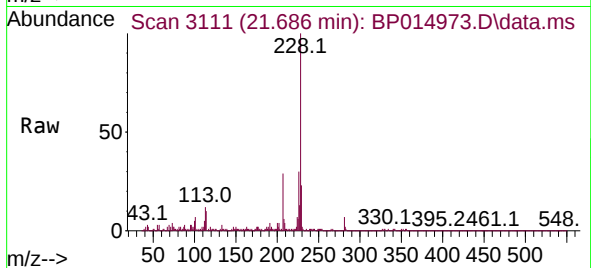
EW952

Tgt Ion:	228	Resp:	66382
Ion Ratio	Lower	Upper	
228	100		
226	30.2	24.3	36.5
229	23.0	15.8	23.8

Manual Integrations

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Supervised By :Jagrut Upadhyay 05/05/2023



#90

Benzo(b)fluoranthene

Concen: 10.790 ng/ul

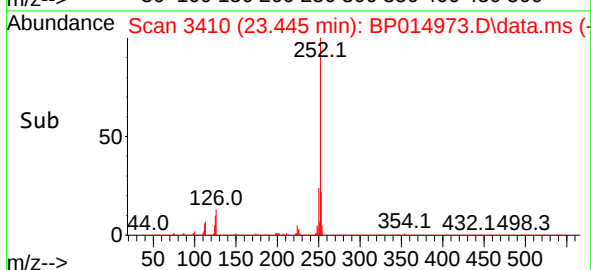
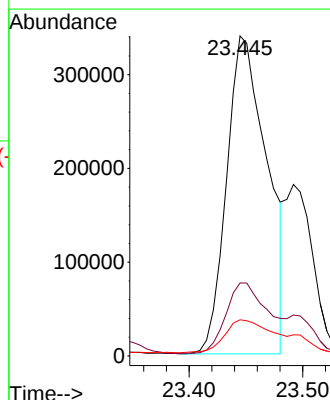
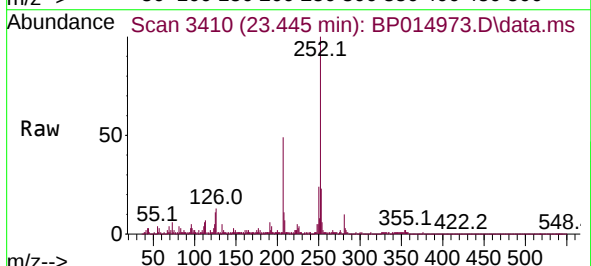
RT: 23.445 min Scan# 3410

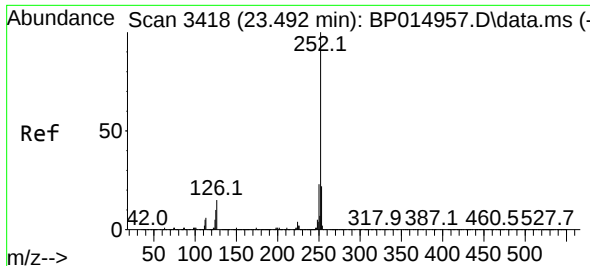
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Lab File: BP014973.D

Acq: 05 May 2023 02:41

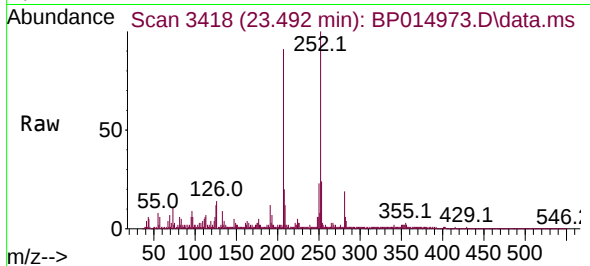
Tgt Ion:	252	Resp:	839271
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.4	26.2
125	11.3	8.4	12.6





#91
Benzo(k)fluoranthene
Concen: 3.826 ng/ul m
RT: 23.492 min Scan# 3418
Delta R.T. -0.000 min
Lab File: BP014973.D
Acq: 05 May 2023 02:41

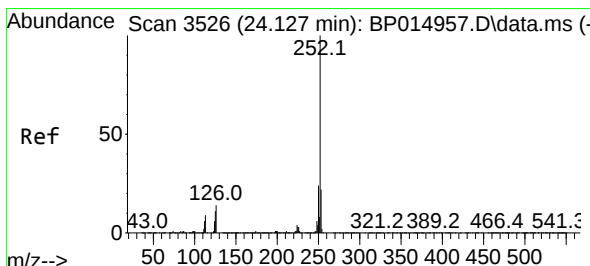
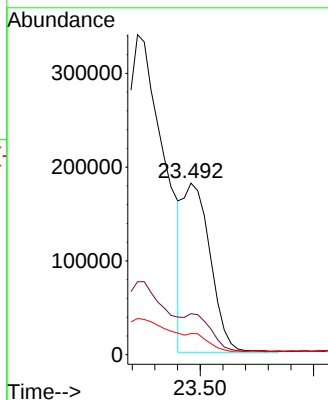
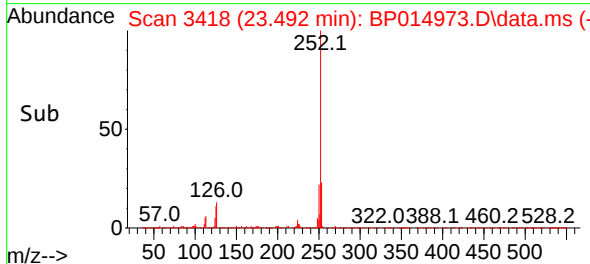
Instrument :
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ClientSampleId :
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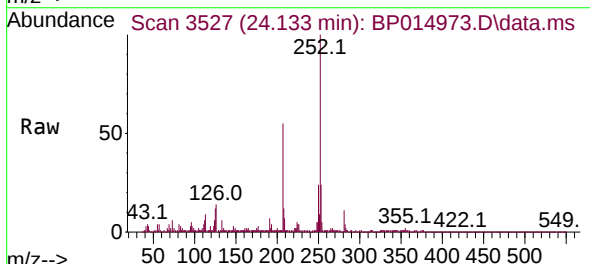
Tgt Ion:252 Resp: 302911
Ion Ratio Lower Upper
252 100
253 23.8 17.8 26.6
125 12.3 8.9 13.3

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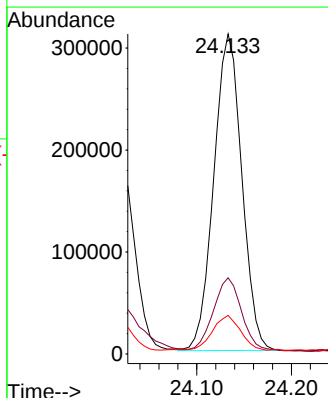
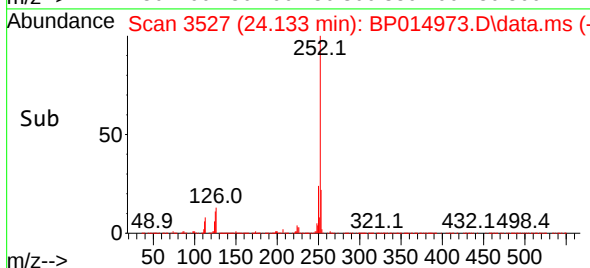
Reviewed By :Christian Giraldo 05/05/2023
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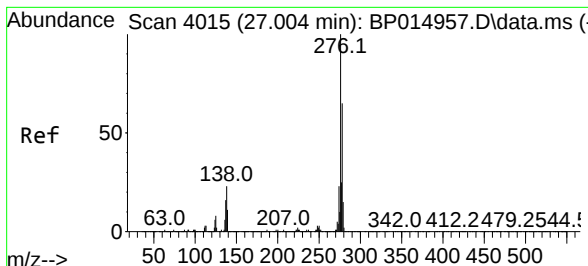


#93
Benzo(a)pyrene
Concen: 9.351 ng/ul
RT: 24.133 min Scan# 3527
Delta R.T. 0.006 min
Lab File: BP014973.D
Acq: 05 May 2023 02:41



Tgt Ion:252 Resp: 637888
Ion Ratio Lower Upper
252 100
253 23.8 17.5 26.3
125 12.1 9.4 14.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 5.017 ng/ul

RT: 27.003 min Scan# 4015

Delta R.T. 0.006 min

Lab File: BP014973.D

Acq: 05 May 2023 02:41

Instrument :

BNA_P

ClientSampleId :

EW952

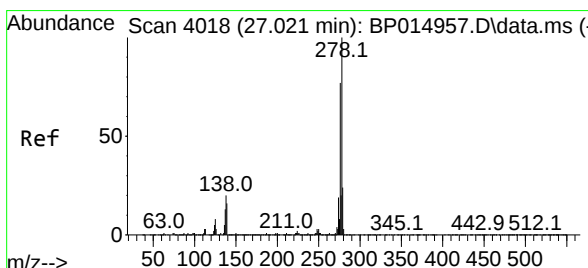
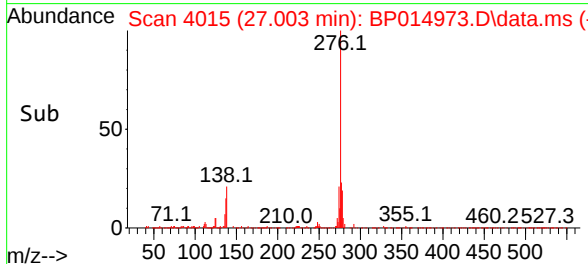
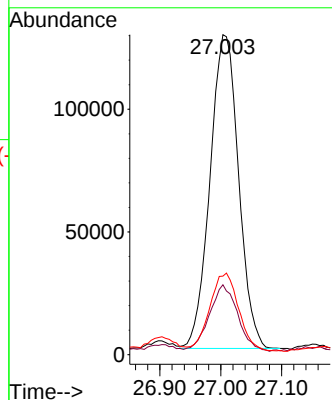
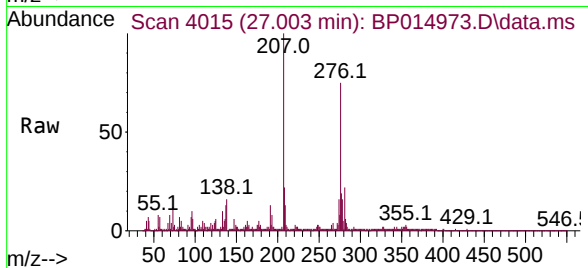
Tgt Ion:	276	Resp:	41747
Ion Ratio	Lower	Upper	
276	100		
138	21.8	19.4	29.0
277	24.6	19.4	29.2

Manual Integrations

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#95

Dibenzo(a,h)anthracene

Concen: 1.530 ng/ul

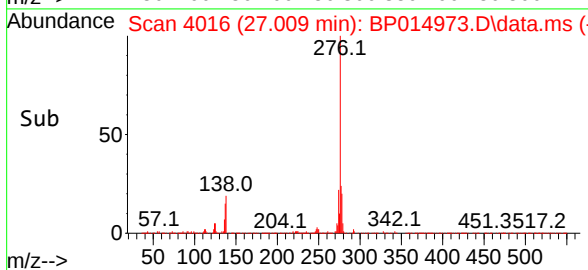
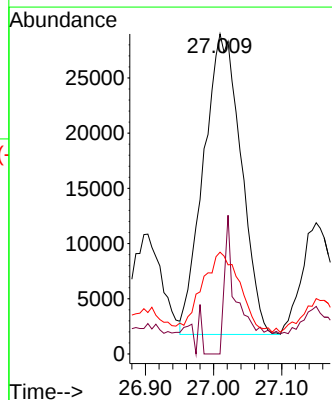
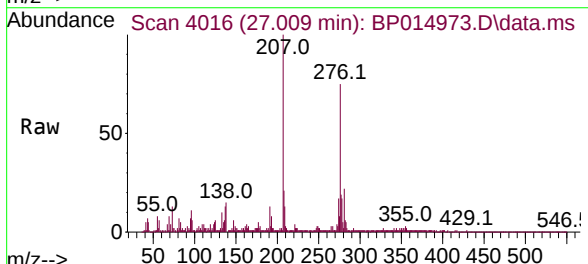
RT: 27.009 min Scan# 4016

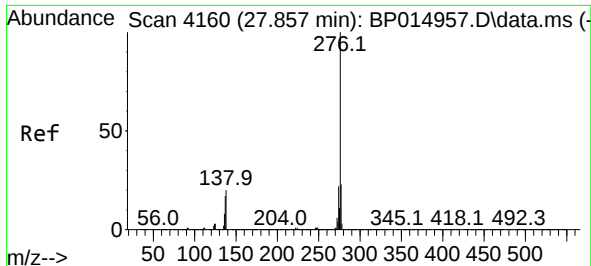
Delta R.T. -0.006 min

Lab File: BP014973.D

Acq: 05 May 2023 02:41

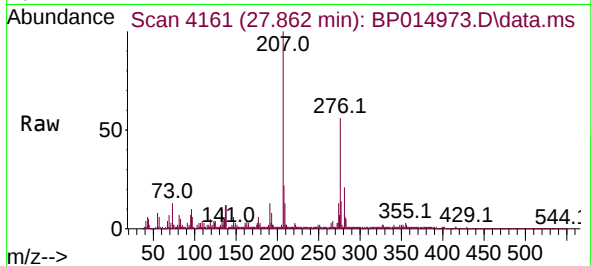
Tgt Ion:	278	Resp:	104342
Ion Ratio	Lower	Upper	
278	100		
139	0.0	12.9	19.3#
279	31.8	19.0	28.6#





#96
 Benzo(g,h,i)perylene
 Concen: 4.956 ng/ul
 RT: 27.862 min Scan# 4161
 Delta R.T. 0.017 min
 Lab File: BP014973.D
 Acq: 05 May 2023 02:41

Instrument :
 BNA_P
 ClientSampleId :
 EW952



Tgt Ion: 276 Resp: 35098
 Ion Ratio Lower Upper
 276 100
 138 20.8 18.0 27.0
 277 25.1 19.8 29.8

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/05/2023
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