

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050523\
 Data File : BP014983.D
 Acq On : 05 May 2023 14:49
 Operator : CG/JU
 Sample : 02479-08DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW949DL

Quant Time: May 05 23:17:01 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.169	152	374514	20.000	ng/u1	0.00
20) Naphthalene-d8	11.004	136	1694040	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.810	164	1061980	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.569	188	2191472	20.000	ng/u1	0.00
79) Chrysene-d12	21.645	240	1393977	20.000	ng/u1	0.00
88) Perylene-d12	24.251	264	1285492	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.464	96	2606	0.259	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.311	99	46028	1.418	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.481	67	30780	1.534	ng/u1	0.00
11) 2-Chlorophenol-d4	7.687	132	37752	1.581	ng/u1	0.00
15) 4-Methylphenol-d8	8.875	113	31420	1.256	ng/u1	0.00
21) Nitrobenzene-d5	9.346	128	17971	1.492	ng/u1	0.00
24) 2-Nitrophenol-d4	10.069	143	18327	1.481	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.616	165	36975	1.522	ng/u1	0.00
31) 4-Chloroaniline-d4	11.140	131	20769m	0.591	ng/u1	0.00
46) Dimethylphthalate-d6	14.210	166	128277	1.707	ng/u1	0.00
49) Acenaphthylene-d8	14.504	160	147368	1.635	ng/u1	0.00
54) 4-Nitrophenol-d4	14.998	143	6617m	0.506	ng/u1	0.00
60) Fluorene-d10	15.804	176	115177	1.781	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.663	188	173784	1.765	ng/u1	0.00
81) Pyrene-d10	19.880	212	187141	1.991	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.080	264	112568	1.797	ng/u1	0.00
Target Compounds						
					Qvalue	
52) Acenaphthene	14.875	153	89411	1.264	ng/u1	100
61) Fluorene	15.857	166	99350	1.320	ng/u1	98
72) Phenanthrene	17.610	178	2117705	17.492	ng/u1	100
74) Anthracene	17.698	178	522077	4.331	ng/u1	100
77) Carbazole	17.963	167	246448	2.431	ng/u1	98
80) Fluoranthene	19.563	202	3302958	28.630	ng/u1	98
82) Pyrene	19.910	202	2738614	22.406	ng/u1	100
85) Benzo(a)anthracene	21.633	228	1121401	12.052	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.527	149	60233	1.304	ng/u1#	98
87) Chrysene	21.686	228	1059334	11.307	ng/u1	98
90) Benzo(b)fluoranthene	23.451	252	1091738	13.141	ng/u1	97
91) Benzo(k)fluoranthene	23.492	252	394539m	4.666	ng/u1	
93) Benzo(a)pyrene	24.133	252	802928	11.020	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	27.004	276	574684	6.466	ng/u1	96
95) Dibenzo(a,h)anthracene	27.009	278	143404	1.969	ng/u1#	81
96) Benzo(g,h,i)perylene	27.862	276	527100	6.968	ng/u1	97

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

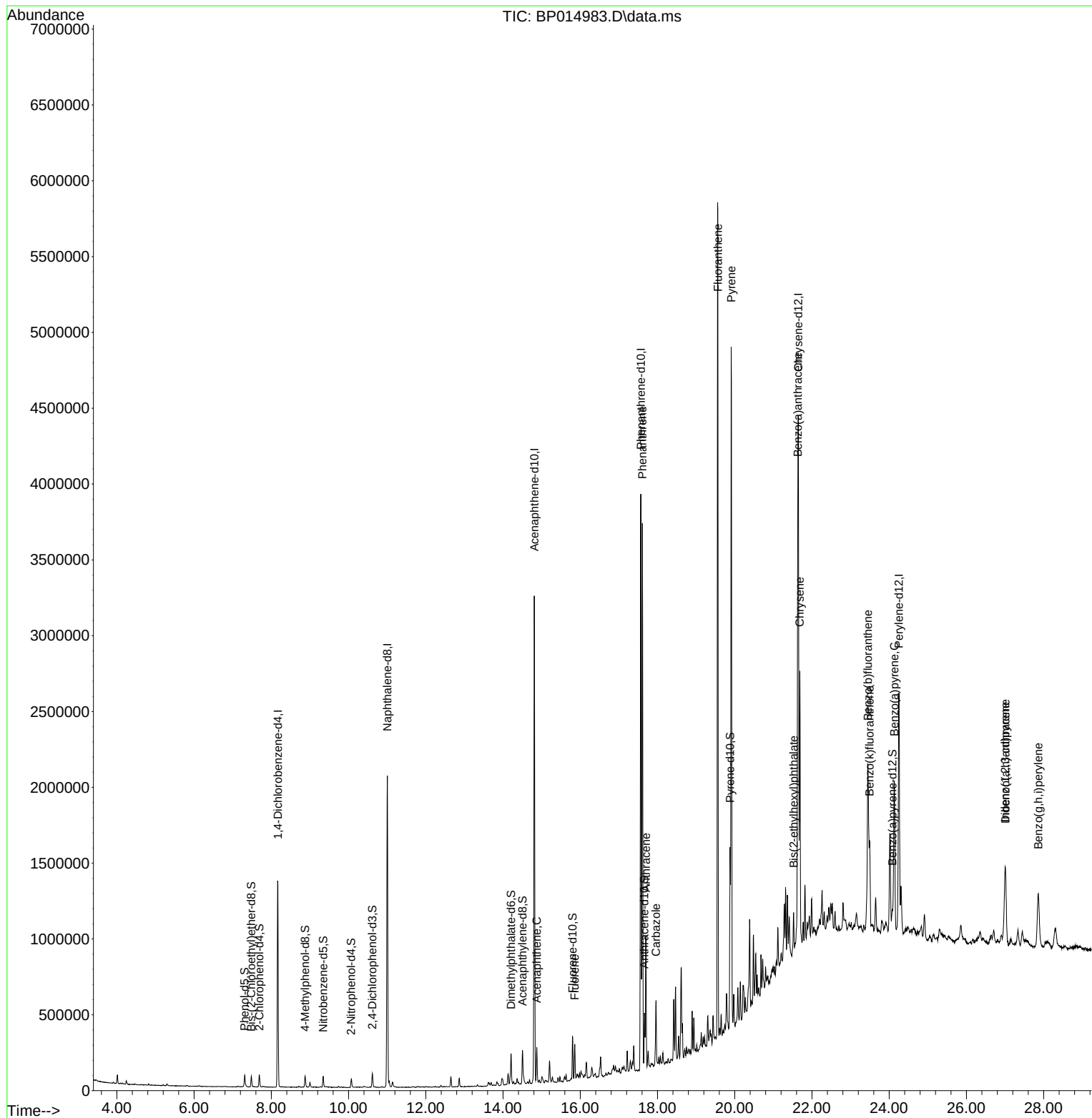
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050523\
Data File : BP014983.D
Acq On : 05 May 2023 14:49
Operator : CG/JU
Sample : 02479-08DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

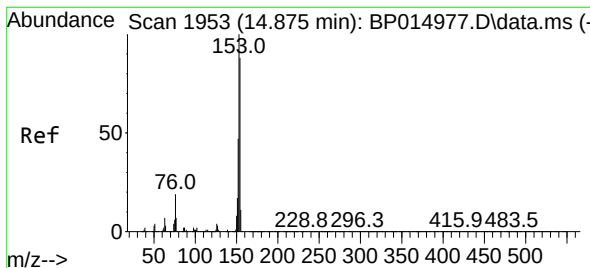
Instrument :
BNA_P
ClientSampleId :
EW949DL

Quant Time: May 05 23:17:01 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
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#52

Acenaphthene

Concen: 1.264 ng/ul

RT: 14.875 min Scan# 1953

Delta R.T. 0.000 min

Lab File: BP014983.D

Acq: 05 May 2023 14:49

Instrument :

BNA_P

ClientSampleId :

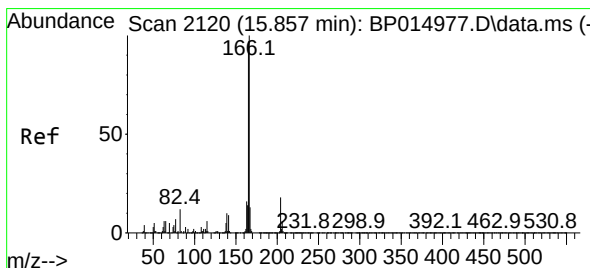
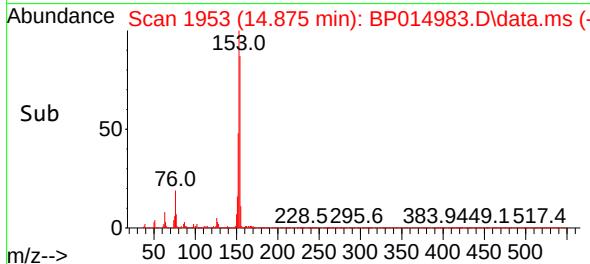
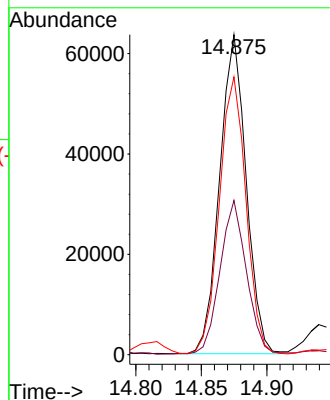
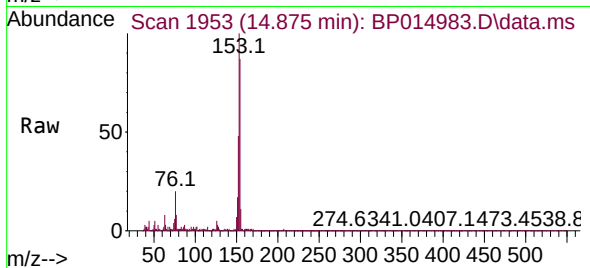
EW949DL

Tgt Ion:	153	Resp:	8941
Ion Ratio	Lower	Upper	
153	100		
152	48.2	38.8	58.2
154	86.8	69.6	104.4

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#61

Fluorene

Concen: 1.320 ng/ul

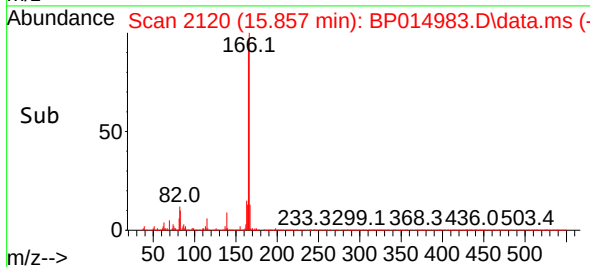
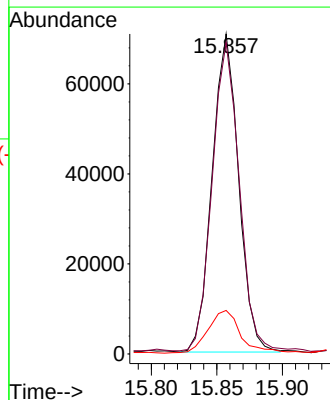
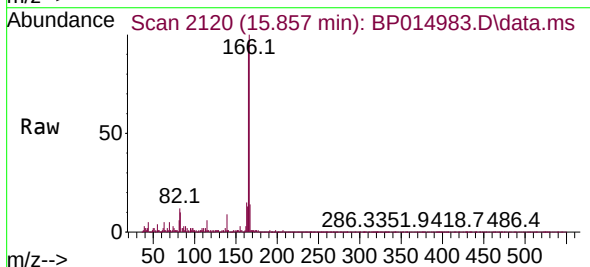
RT: 15.857 min Scan# 2120

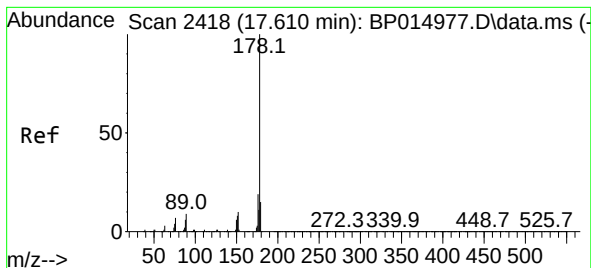
Delta R.T. 0.000 min

Lab File: BP014983.D

Acq: 05 May 2023 14:49

Tgt Ion:	166	Resp:	99350
Ion Ratio	Lower	Upper	
166	100		
165	97.3	79.3	118.9
167	13.6	10.7	16.1





#72

Phenanthrene

Concen: 17.492 ng/ul

RT: 17.610 min Scan# 2418

Delta R.T. 0.000 min

Lab File: BP014983.D

Acq: 05 May 2023 14:49

Instrument :

BNP_P

ClientSampleId :

EW949DL

Tgt Ion:178 Resp: 211770

Ion Ratio Lower Upper

178 100

179 15.4 12.2 18.4

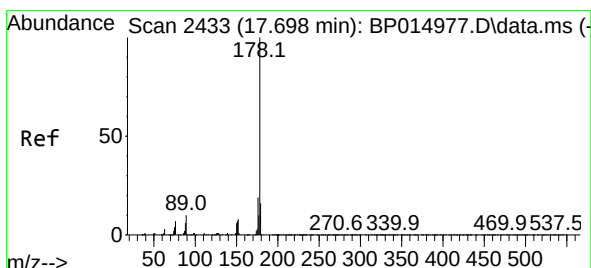
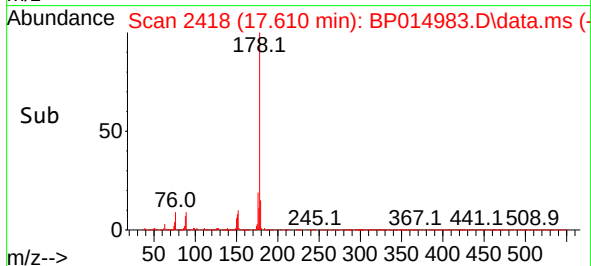
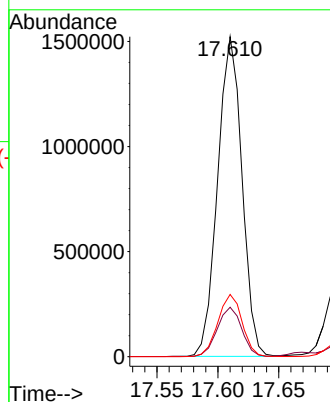
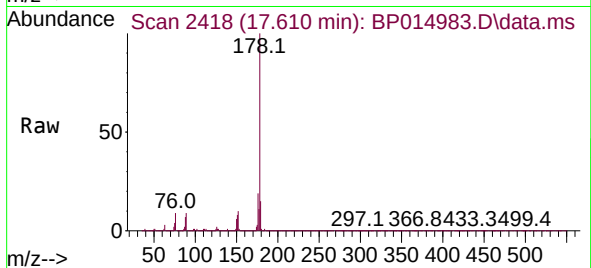
176 19.5 15.4 23.0

Manual Integrations

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#74

Anthracene

Concen: 4.331 ng/ul

RT: 17.698 min Scan# 2433

Delta R.T. 0.000 min

Lab File: BP014983.D

Acq: 05 May 2023 14:49

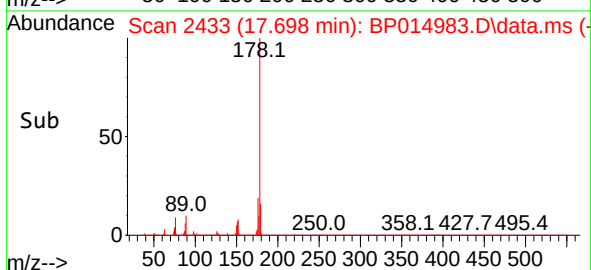
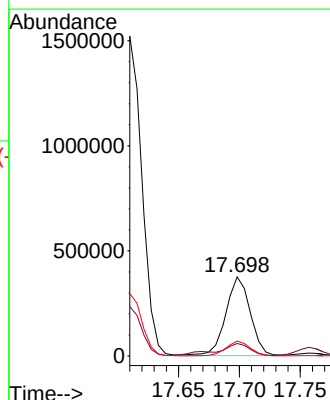
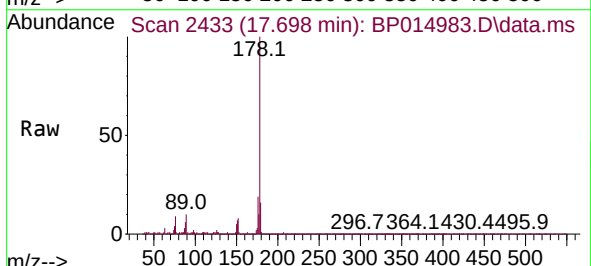
Tgt Ion:178 Resp: 522077

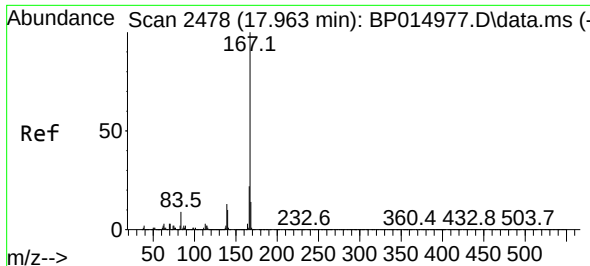
Ion Ratio Lower Upper

178 100

179 15.8 12.6 18.8

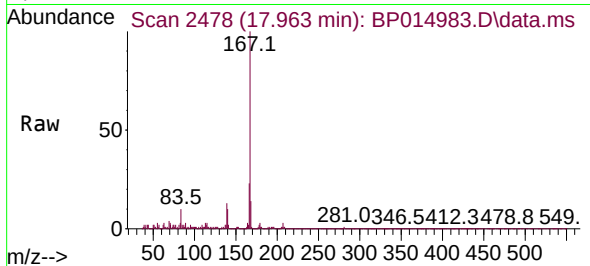
176 18.7 15.0 22.4





#77
 Carbazole
 Concen: 2.431 ng/ul
 RT: 17.963 min Scan# 2478
 Delta R.T. 0.000 min
 Lab File: BP014983.D
 Acq: 05 May 2023 14:49

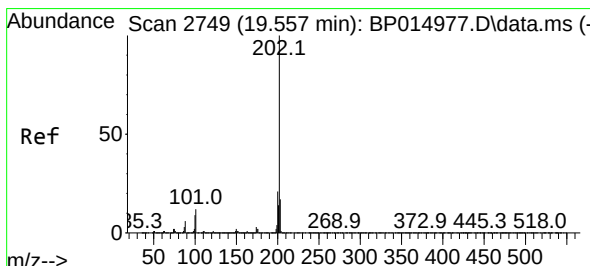
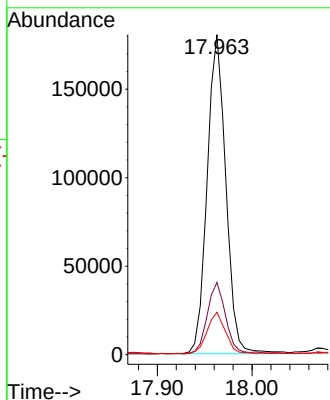
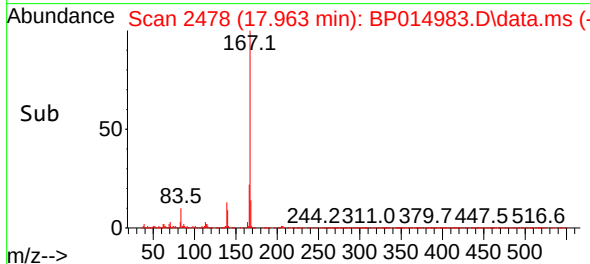
Instrument :
 BNA_P
 ClientSampleId :
 EW949DL



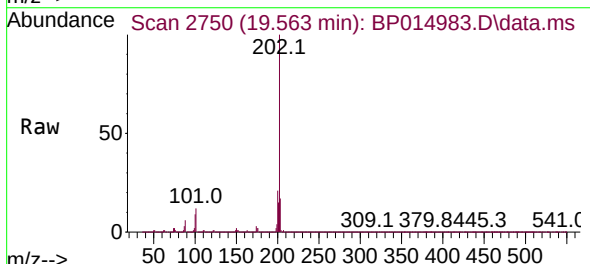
Tgt Ion:167 Resp: 246448
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.1 25.7
 139 13.2 10.1 15.1

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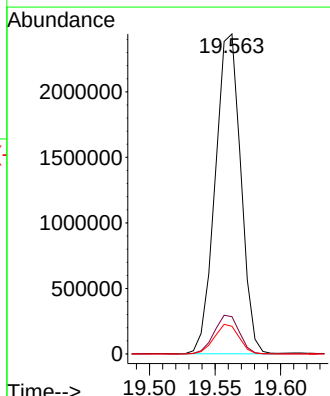
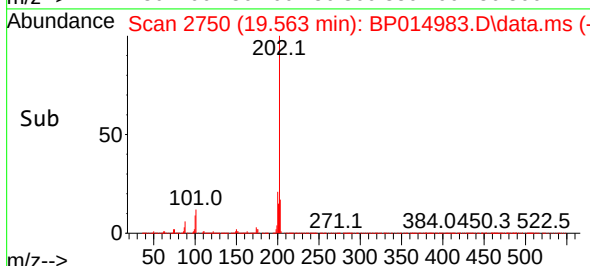
Reviewed By :Christian Giraldo 05/08/2023
 Supervised By :Jagrut Upadhyay 05/08/2023

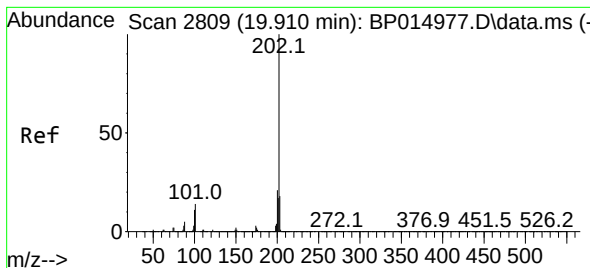


#80
 Fluoranthene
 Concen: 28.630 ng/ul
 RT: 19.563 min Scan# 2750
 Delta R.T. 0.006 min
 Lab File: BP014983.D
 Acq: 05 May 2023 14:49



Tgt Ion:202 Resp: 3302958
 Ion Ratio Lower Upper
 202 100
 101 11.7 10.1 15.1
 100 8.7 7.7 11.5





#82

Pyrene

Concen: 22.406 ng/u1

RT: 19.910 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP014983.D

Acq: 05 May 2023 14:49

Instrument :

BNA_P

ClientSampleId :

EW949DL

Tgt Ion:202 Resp: 2738614

Ion Ratio Lower Upper

202 100

101 14.9 11.9 17.9

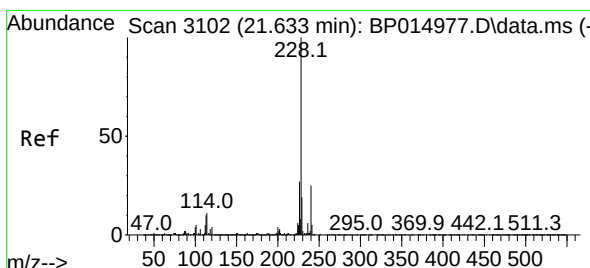
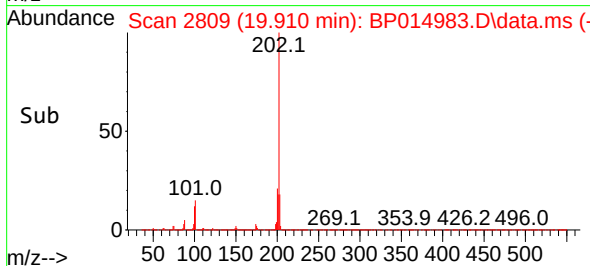
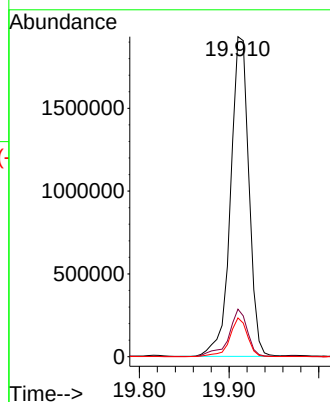
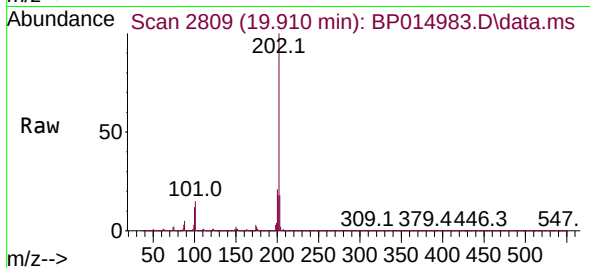
100 12.1 9.7 14.5

Manual Integrations

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#85

Benzo(a)anthracene

Concen: 12.052 ng/u1

RT: 21.633 min Scan# 3102

Delta R.T. 0.000 min

Lab File: BP014983.D

Acq: 05 May 2023 14:49

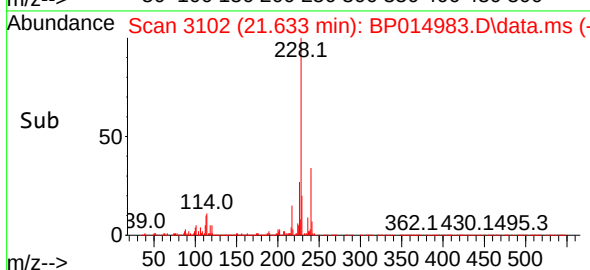
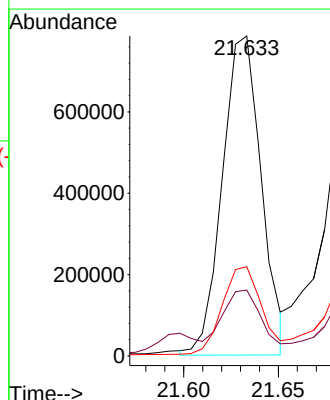
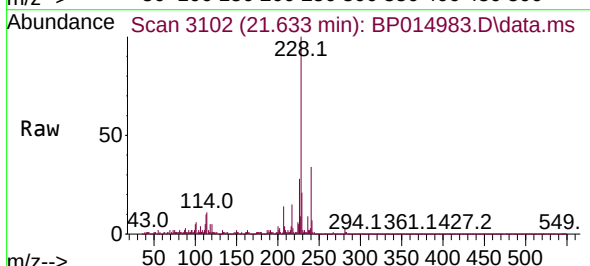
Tgt Ion:228 Resp: 1121401

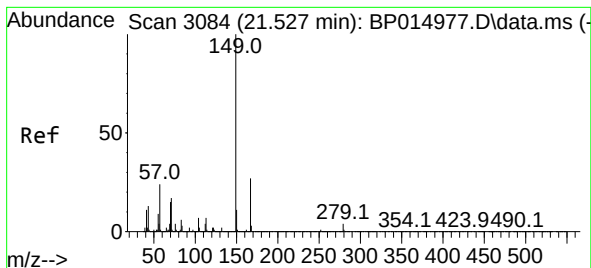
Ion Ratio Lower Upper

228 100

229 20.6 15.9 23.9

226 27.9 22.1 33.1





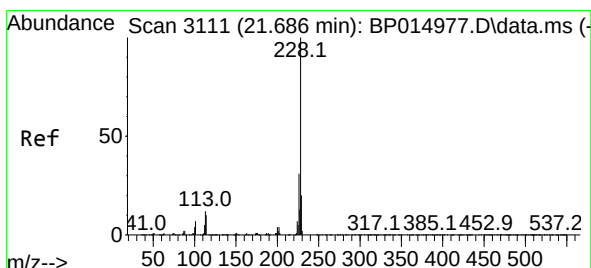
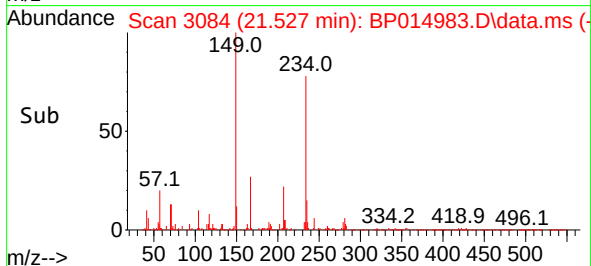
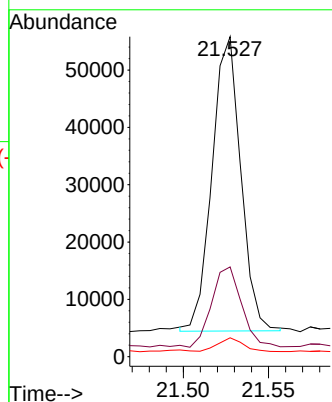
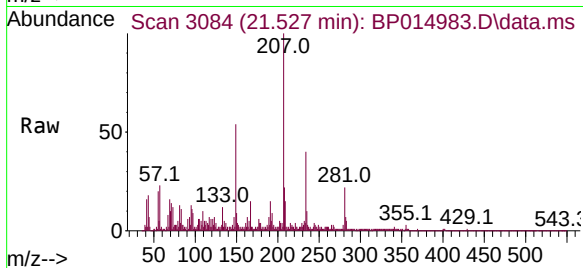
#86
 Bis(2-ethylhexyl)phthalate
 Concen: 1.304 ng/ul
 RT: 21.527 min Scan# 3084
 Delta R.T. 0.000 min
 Lab File: BP014983.D
 Acq: 05 May 2023 14:49

Instrument :
 BNA_P
 ClientSampleId :
 EW949DL

Tgt Ion:149 Resp: 6023
 Ion Ratio Lower Upper
 149 100
 167 28.1 22.0 33.0
 279 5.9 2.9 4.3

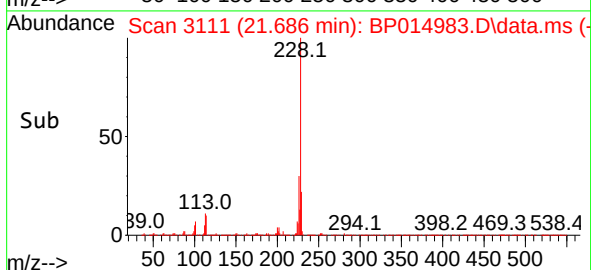
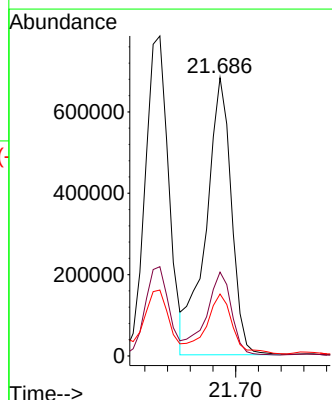
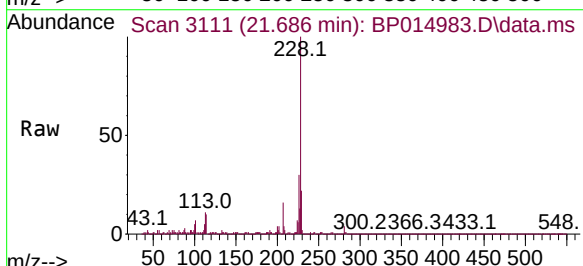
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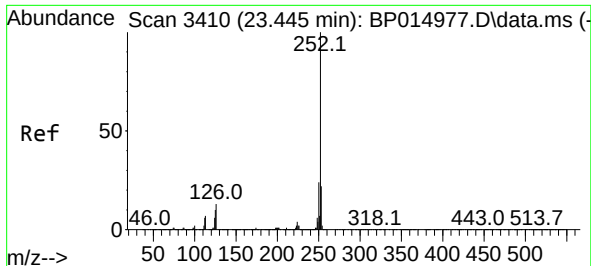
Reviewed By :Christian Giraldo 05/08/2023
 Supervised By :Jagrut Upadhyay 05/08/2023



#87
 Chrysene
 Concen: 11.307 ng/ul
 RT: 21.686 min Scan# 3111
 Delta R.T. 0.000 min
 Lab File: BP014983.D
 Acq: 05 May 2023 14:49

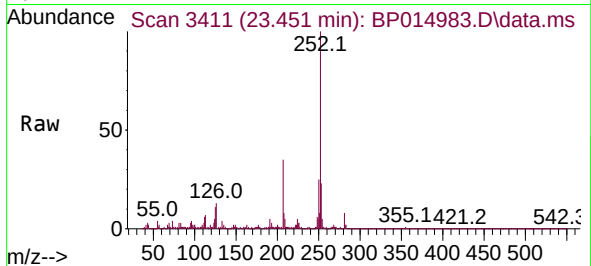
Tgt Ion:228 Resp: 1059334
 Ion Ratio Lower Upper
 228 100
 226 30.1 24.3 36.5
 229 22.2 15.8 23.8





#90
Benzo(b)fluoranthene
Concen: 13.141 ng/ul
RT: 23.451 min Scan# 3411
Delta R.T. 0.006 min
Lab File: BP014983.D
Acq: 05 May 2023 14:49

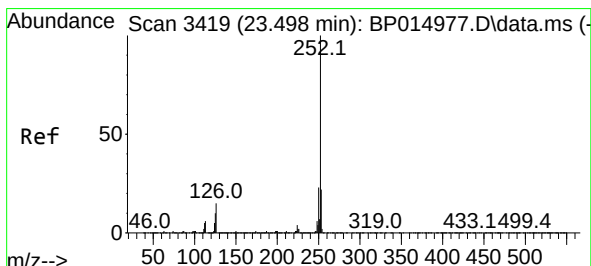
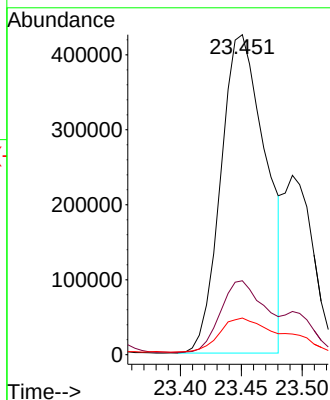
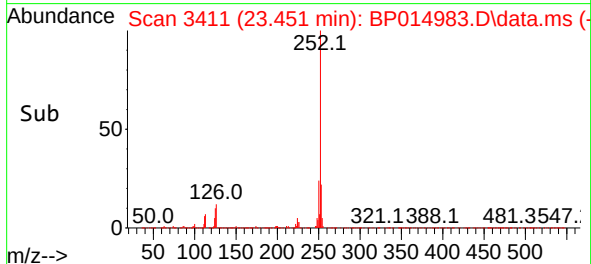
Instrument :
BNA_P
ClientSampleId :
EW949DL



Tgt Ion:252 Resp: 1091738
Ion Ratio Lower Upper
252 100
253 23.1 17.4 26.2
125 11.4 8.4 12.6

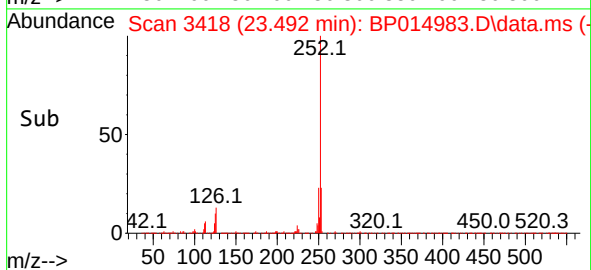
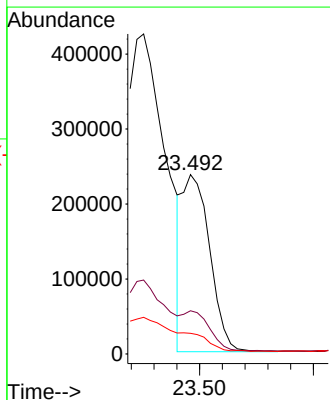
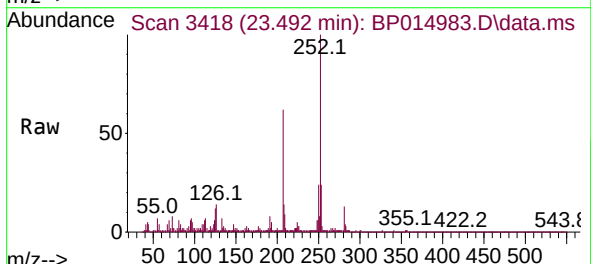
Manual Integrations
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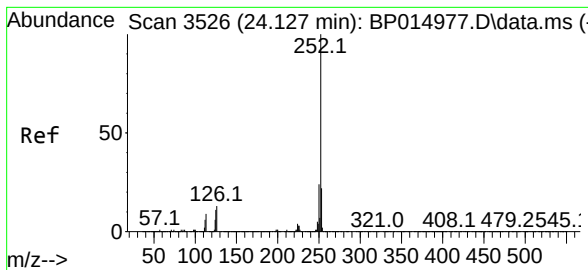
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023



#91
Benzo(k)fluoranthene
Concen: 4.666 ng/ul m
RT: 23.492 min Scan# 3418
Delta R.T. -0.006 min
Lab File: BP014983.D
Acq: 05 May 2023 14:49

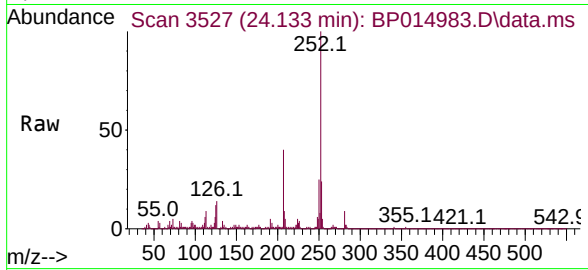
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Ion Ratio Lower Upper
252 100
253 24.1 17.8 26.6
125 11.6 8.9 13.3





#93
Benzo(a)pyrene
Concen: 11.020 ng/ul
RT: 24.133 min Scan# 3526
Delta R.T. 0.006 min
Lab File: BP014983.D
Acq: 05 May 2023 14:49

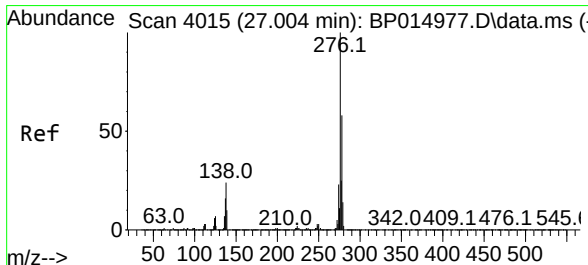
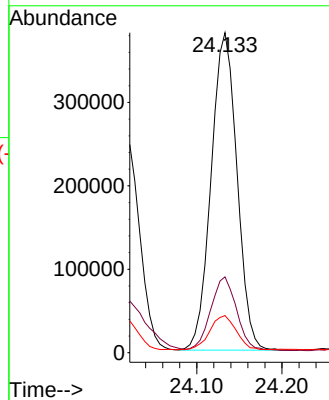
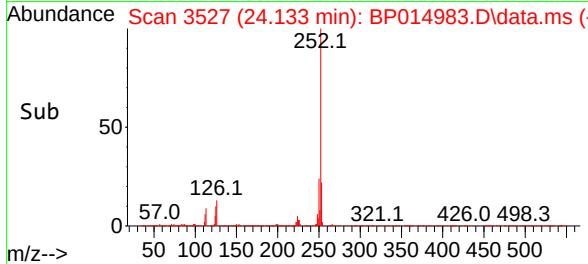
Instrument :
BNA_P
ClientSampleId :
EW949DL



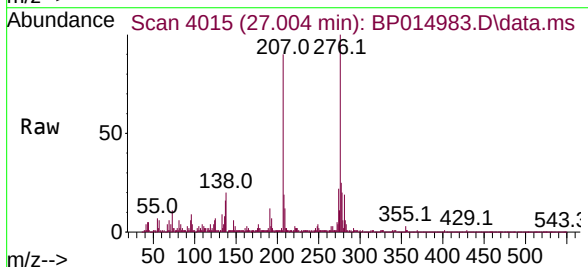
Tgt Ion:252 Resp: 802928
Ion Ratio Lower Upper
252 100
253 23.7 17.5 26.3
125 11.6 9.4 14.2

Manual Integrations
APPROVED

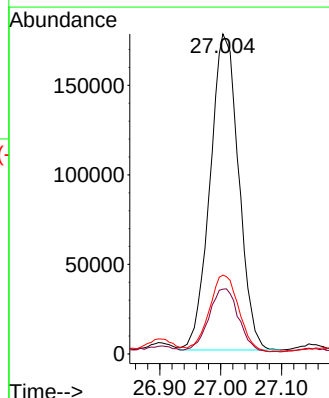
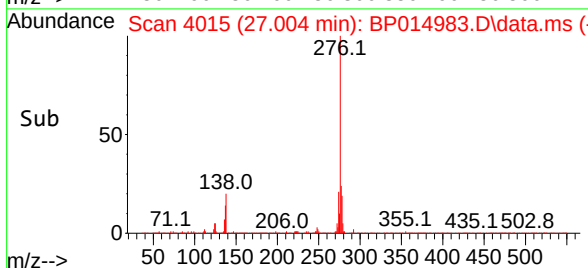
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023

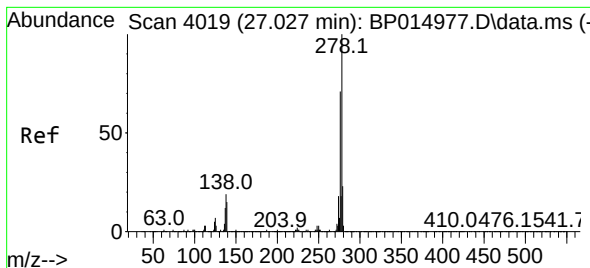


#94
Indeno(1,2,3-cd)pyrene
Concen: 6.466 ng/ul
RT: 27.004 min Scan# 4015
Delta R.T. 0.000 min
Lab File: BP014983.D
Acq: 05 May 2023 14:49



Tgt Ion:276 Resp: 574684
Ion Ratio Lower Upper
276 100
138 20.3 19.4 29.0
277 24.6 19.4 29.2





#95

Dibenzo(a,h)anthracene

Concen: 1.969 ng/ul

RT: 27.009 min Scan# 4019

Delta R.T. -0.018 min

Lab File: BP014983.D

Acq: 05 May 2023 14:49

Instrument :

BNP_P

ClientSampleId :

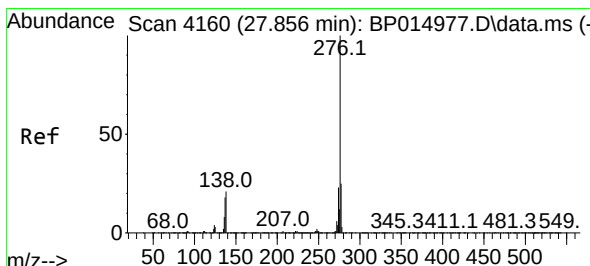
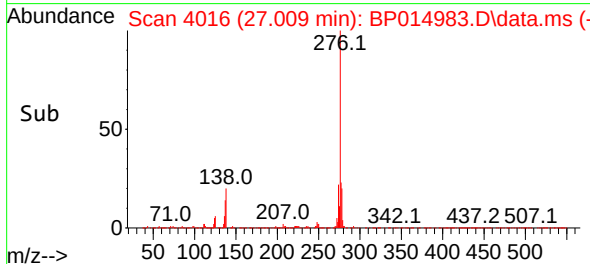
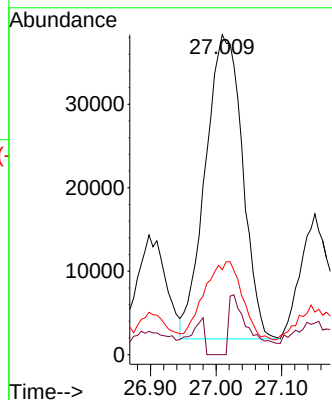
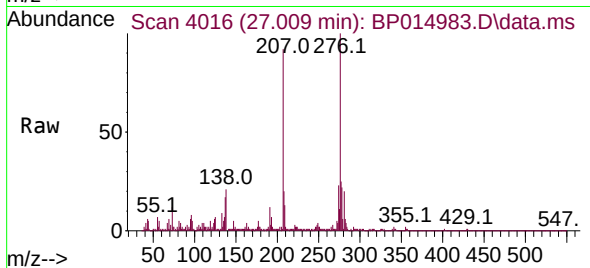
EW949DL

Tgt Ion:	278	Resp:	14340
Ion Ratio	Lower	Upper	
278	100		
139	0.0	12.9	19.3
279	26.6	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: 6.968 ng/ul

RT: 27.862 min Scan# 4161

Delta R.T. 0.006 min

Lab File: BP014983.D

Acq: 05 May 2023 14:49

Tgt Ion:	276	Resp:	527100
Ion Ratio	Lower	Upper	
276	100		
138	21.0	18.0	27.0
277	23.6	19.8	29.8

