

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
 Data File : BP014959.D
 Acq On : 04 May 2023 18:54
 Operator : CG/JU
 Sample : 02447-08 10X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW913

Quant Time: May 05 00:25:19 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	8.163	152	323430	20.000	ng/u1	0.00
20) Naphthalene-d8	10.999	136	1254122	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.810	164	638380	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.563	188	1064866	20.000	ng/u1	0.00
79) Chrysene-d12	21.645	240	982102	20.000	ng/u1	0.00
88) Perylene-d12	24.245	264	1238360	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.464	96	1180	0.136	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.311	99	17502	0.624	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.481	67	14901	0.860	ng/u1	0.00
11) 2-Chlorophenol-d4	7.687	132	16108	0.781	ng/u1	0.00
15) 4-Methylphenol-d8	8.875	113	12844	0.594	ng/u1	0.00
21) Nitrobenzene-d5	9.346	128	7623	0.855	ng/u1	0.00
24) 2-Nitrophenol-d4	10.075	143	6272	0.685	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.616	165	11043	0.614	ng/u1	0.00
31) 4-Chloroaniline-d4	11.140	131	4723	0.182	ng/u1	0.00
46) Dimethylphthalate-d6	14.210	166	48231	1.068	ng/u1	0.00
49) Acenaphthylene-d8	14.504	160	54545	1.007	ng/u1	0.00
54) 4-Nitrophenol-d4	14.998	143	165	0.021	ng/u1	0.01
60) Fluorene-d10	15.798	176	38543	0.992	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.910	200	788	0.131	ng/u1	0.00
73) Anthracene-d10	17.663	188	55313	1.156	ng/u1	0.00
81) Pyrene-d10	19.880	212	61424	0.927	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.068	264	69770	1.156	ng/u1	0.00
Target Compounds						
					Qvalue	
52) Acenaphthene	14.869	153	55928	1.316	ng/u1	99
61) Fluorene	15.857	166	61187	1.352	ng/u1	100
72) Phenanthrene	17.604	178	1168874	19.869	ng/u1	100
74) Anthracene	17.698	178	293511	5.011	ng/u1	98
77) Carbazole	17.957	167	73774	1.498	ng/u1	98
80) Fluoranthene	19.557	202	2242279	27.587	ng/u1	98
82) Pyrene	19.910	202	2027669	23.547	ng/u1	98
85) Benzo(a)anthracene	21.627	228	1136694	17.340	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.527	149	56026	1.722	ng/u1#	97
87) Chrysene	21.680	228	1066083	16.152	ng/u1	98
90) Benzo(b)fluoranthene	23.445	252	1465464	18.311	ng/u1	98
91) Benzo(k)fluoranthene	23.486	252	538938m	6.617	ng/u1	
93) Benzo(a)pyrene	24.127	252	1083033	15.430	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.992	276	747991	8.736	ng/u1	96
95) Dibenzo(a,h)anthracene	27.004	278	192961	2.750	ng/u1#	82
96) Benzo(g,h,i)perylene	27.851	276	682499	9.366	ng/u1	96

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

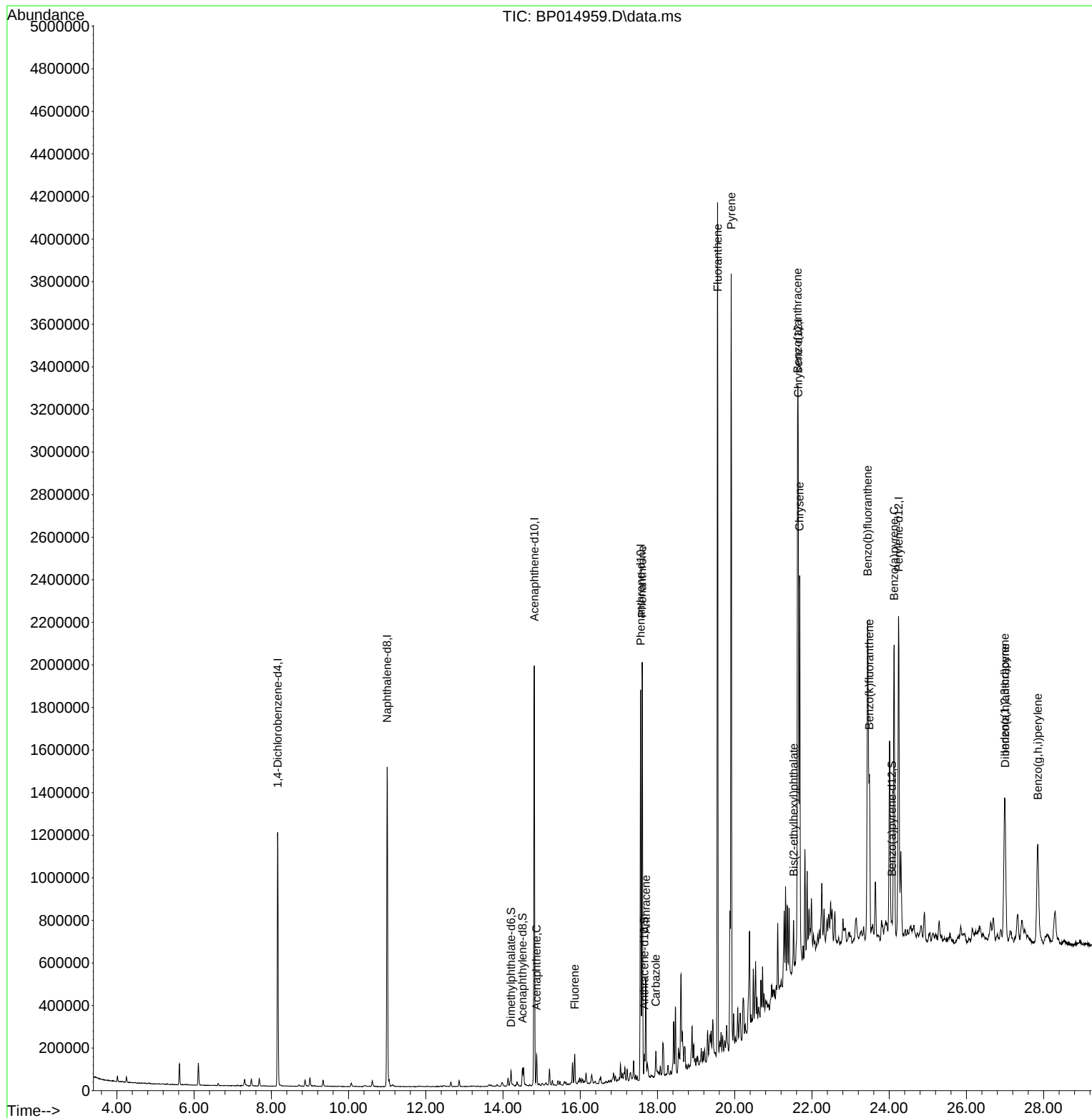
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014959.D
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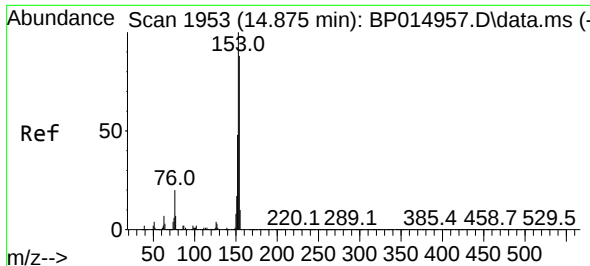
Instrument :
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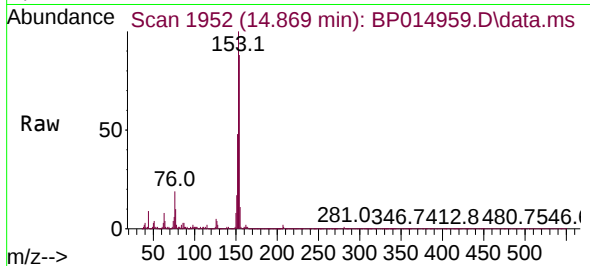
Quant Time: May 05 00:25:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 04 11:40:49 2023
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#52
Acenaphthene
Concen: 1.316 ng/ul
RT: 14.869 min Scan# 1952
Delta R.T. -0.006 min
Lab File: BP014959.D
Acq: 04 May 2023 18:54

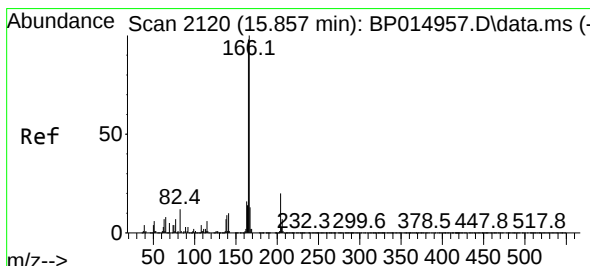
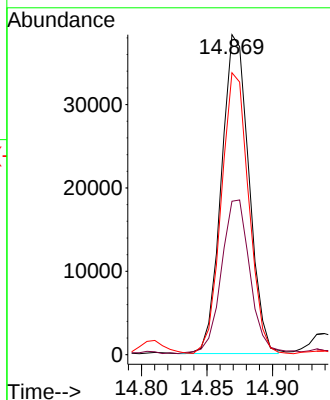
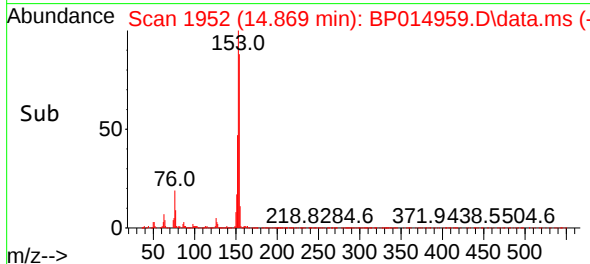
Instrument :
BNA_P
ClientSampleId :
EW913



Tgt Ion:153 Resp: 55928
Ion Ratio Lower Upper
153 100
152 48.0 38.8 58.2
154 88.1 69.6 104.4

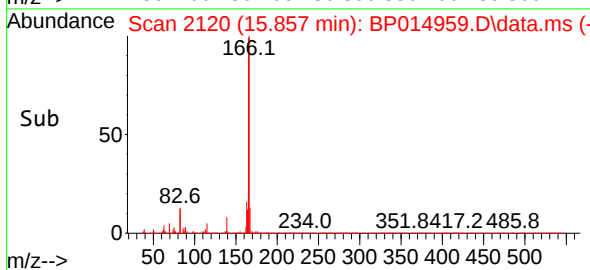
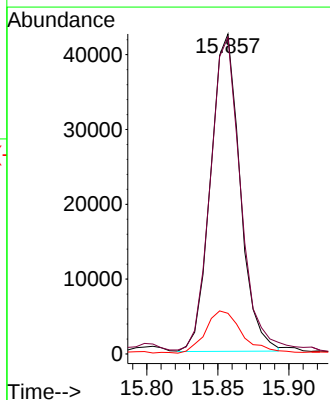
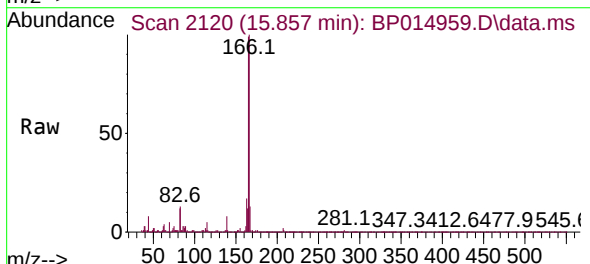
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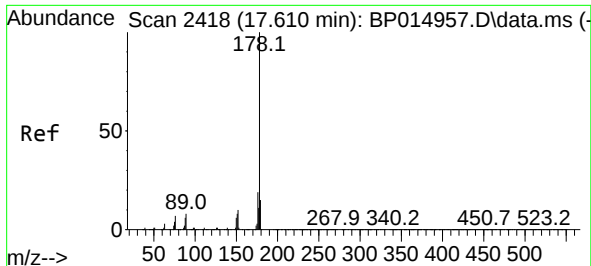
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#61
Fluorene
Concen: 1.352 ng/ul
RT: 15.857 min Scan# 2120
Delta R.T. -0.000 min
Lab File: BP014959.D
Acq: 04 May 2023 18:54

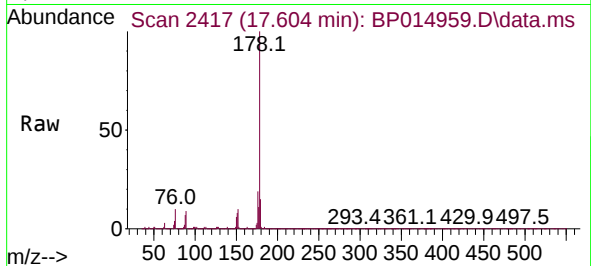
Tgt Ion:166 Resp: 61187
Ion Ratio Lower Upper
166 100
165 99.0 79.3 118.9
167 12.7 10.7 16.1





#72
Phenanthrene
Concen: 19.869 ng/ul
RT: 17.604 min Scan# 2417
Delta R.T. -0.006 min
Lab File: BP014959.D
Acq: 04 May 2023 18:54

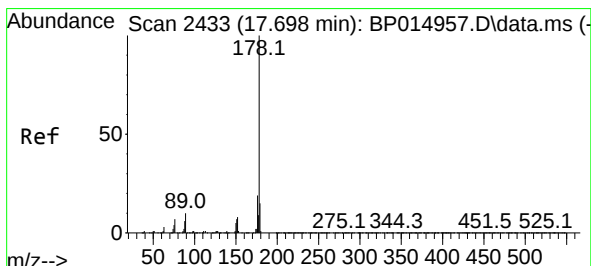
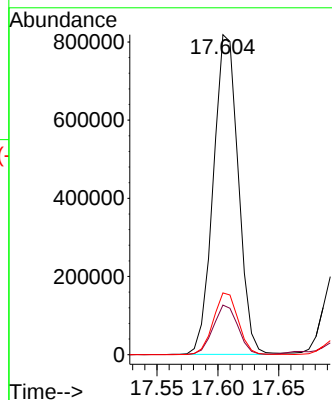
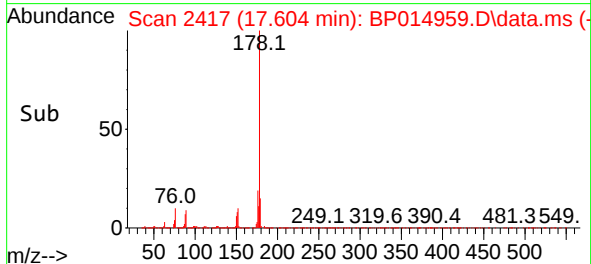
Instrument :
BNA_P
ClientSampleId :
EW913



Tgt Ion:178 Resp: 1168874
Ion Ratio Lower Upper
178 100
179 15.5 12.2 18.4
176 19.3 15.4 23.0

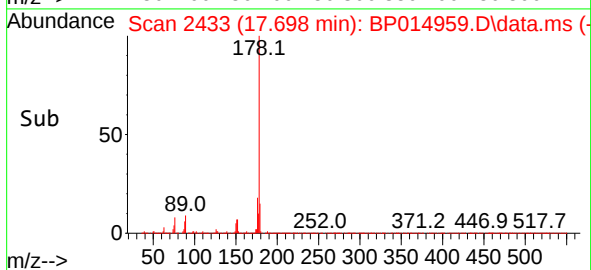
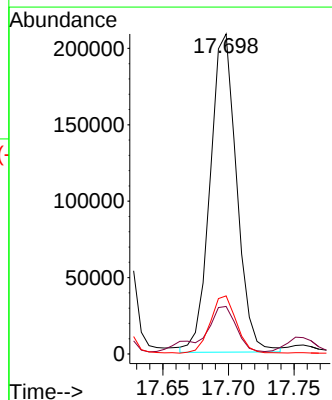
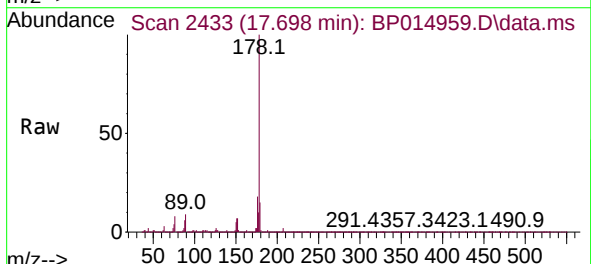
Manual Integrations
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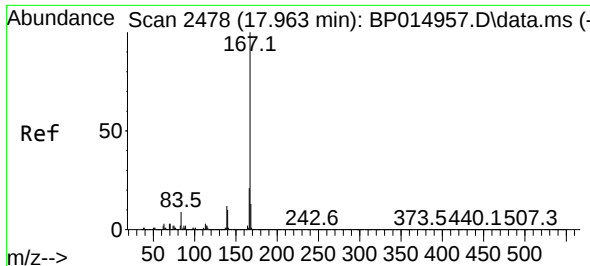
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#74
Anthracene
Concen: 5.011 ng/ul
RT: 17.698 min Scan# 2433
Delta R.T. -0.000 min
Lab File: BP014959.D
Acq: 04 May 2023 18:54

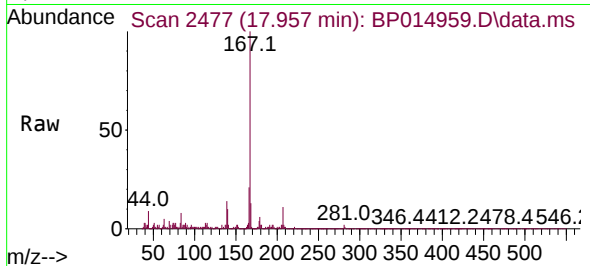
Tgt Ion:178 Resp: 293511
Ion Ratio Lower Upper
178 100
179 14.8 12.6 18.8
176 18.1 15.0 22.4





#77
 Carbazole
 Concen: 1.498 ng/ul
 RT: 17.957 min Scan# 2477
 Delta R.T. -0.006 min
 Lab File: BP014959.D
 Acq: 04 May 2023 18:54

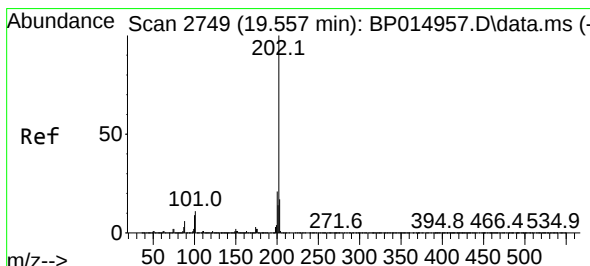
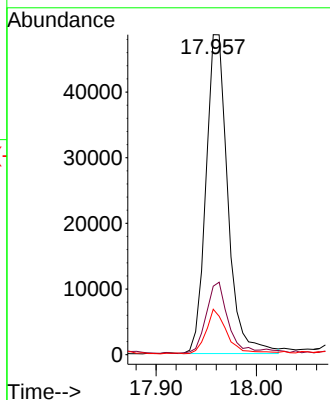
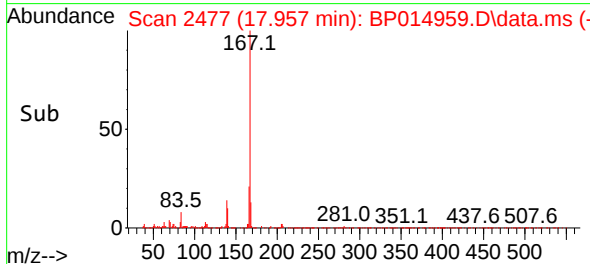
Instrument :
 BNA_P
 ClientSampleId :
 EW913



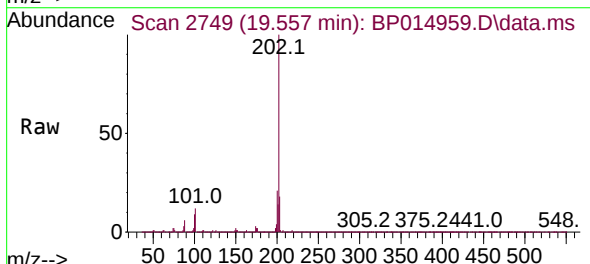
Tgt Ion:167 Resp: 73774
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.1 25.7
 139 14.2 10.1 15.1

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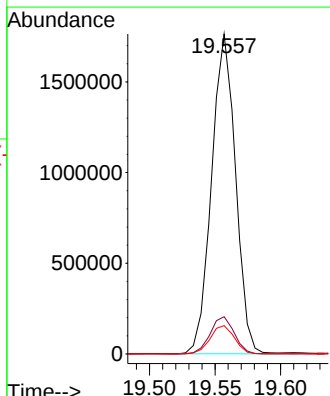
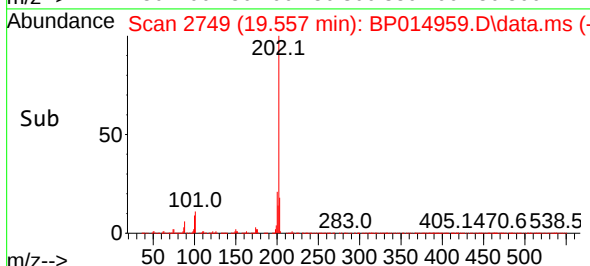
Reviewed By :Christian Giraldo 05/05/2023
 Supervised By :Jagrut Upadhyay 05/05/2023

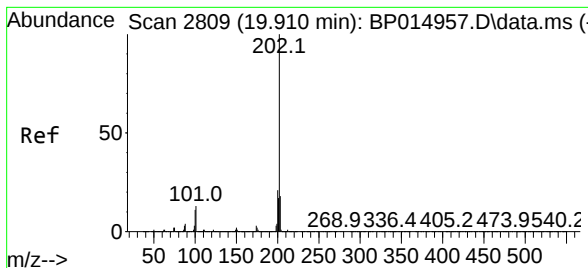


#80
 Fluoranthene
 Concen: 27.587 ng/ul
 RT: 19.557 min Scan# 2749
 Delta R.T. -0.000 min
 Lab File: BP014959.D
 Acq: 04 May 2023 18:54



Tgt Ion:202 Resp: 2242279
 Ion Ratio Lower Upper
 202 100
 101 11.7 10.1 15.1
 100 8.9 7.7 11.5





#82

Pyrene

Concen: 23.547 ng/ul

RT: 19.910 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP014959.D

Acq: 04 May 2023 18:54

Instrument :

BNA_P

ClientSampleId :

EW913

Tgt Ion:202 Resp: 2027669

Ion Ratio Lower Upper

202 100

101 14.2 11.9 17.9

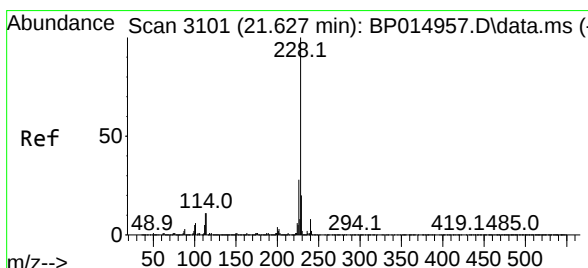
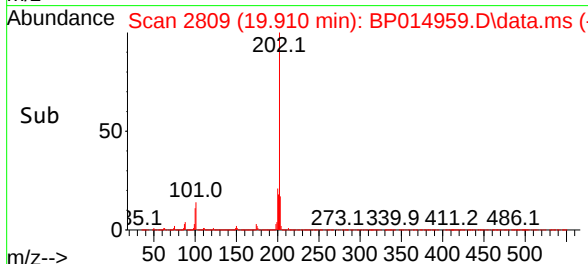
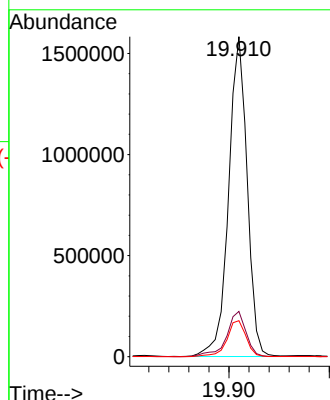
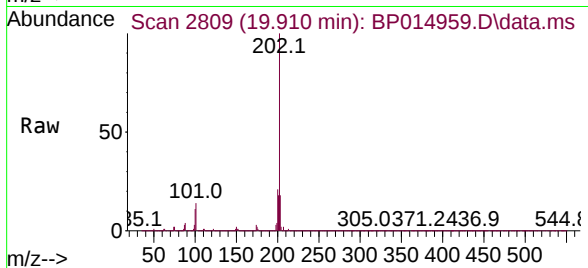
100 11.3 9.7 14.5

Manual Integrations

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Reviewed By :Christian Giraldo 05/05/2023

Supervised By :Jagrut Upadhyay 05/05/2023



#85

Benzo(a)anthracene

Concen: 17.340 ng/ul

RT: 21.627 min Scan# 3101

Delta R.T. -0.000 min

Lab File: BP014959.D

Acq: 04 May 2023 18:54

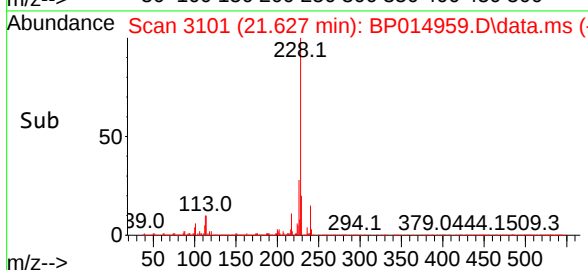
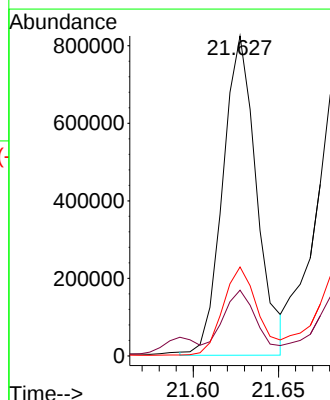
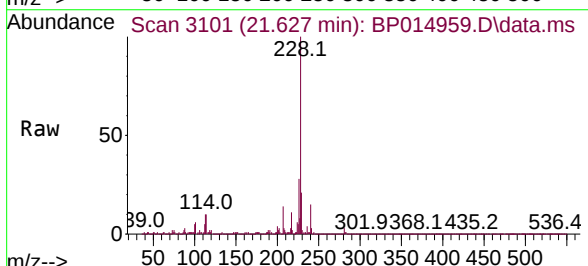
Tgt Ion:228 Resp: 1136694

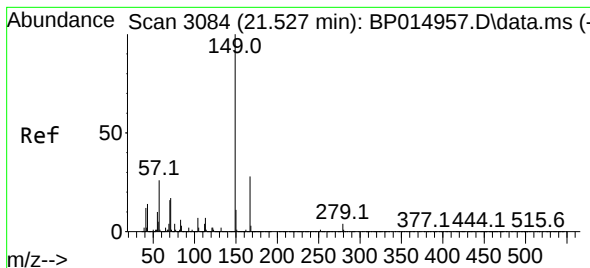
Ion Ratio Lower Upper

228 100

229 20.5 15.9 23.9

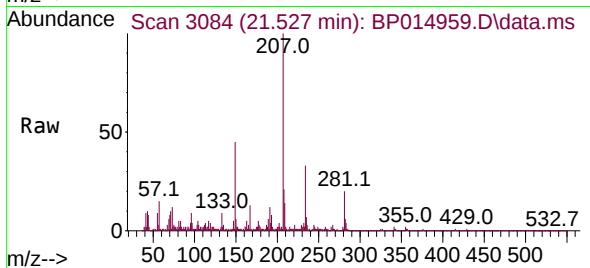
226 27.8 22.1 33.1





#86
Bis(2-ethylhexyl)phthalate
Concen: 1.722 ng/ul
RT: 21.527 min Scan# 3084
Delta R.T. -0.000 min
Lab File: BP014959.D
Acq: 04 May 2023 18:54

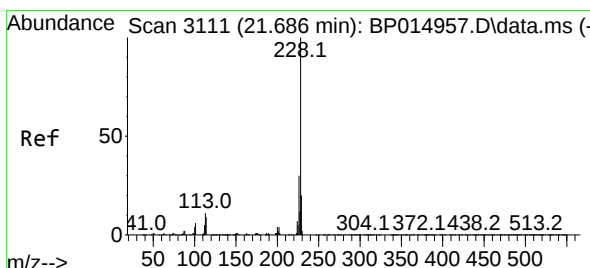
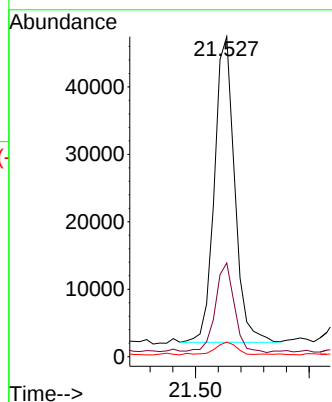
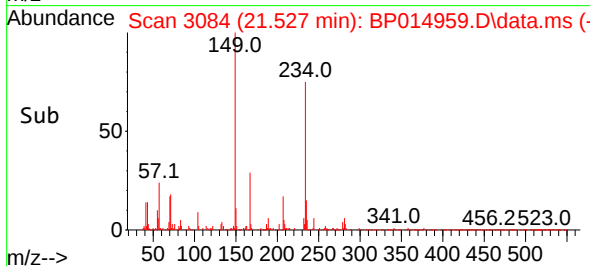
Instrument :
BNA_P
ClientSampleId :
EW913



Tgt Ion:149 Resp: 56020
Ion Ratio Lower Upper
149 100
167 29.3 22.0 33.0
279 4.5 2.9 4.3

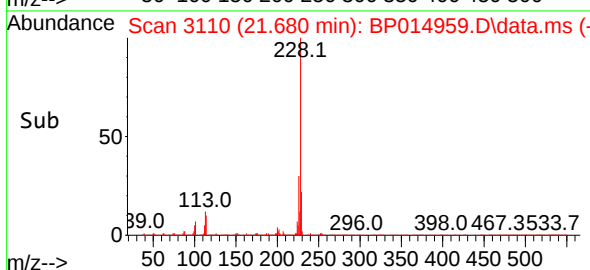
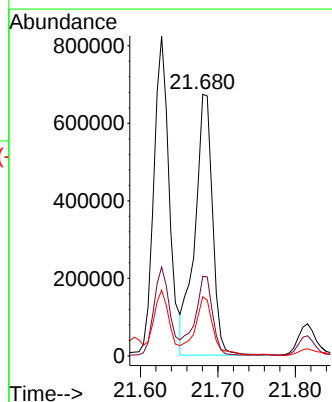
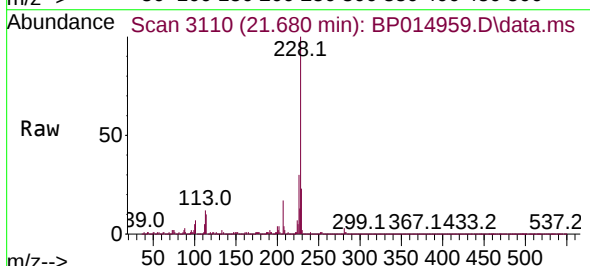
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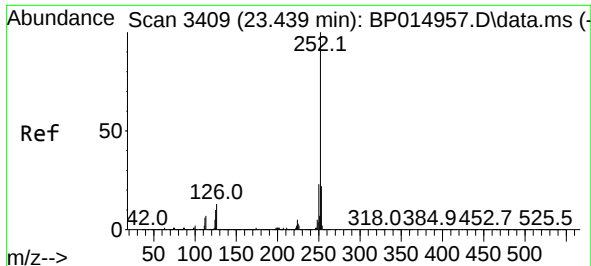
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#87
Chrysene
Concen: 16.152 ng/ul
RT: 21.680 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BP014959.D
Acq: 04 May 2023 18:54

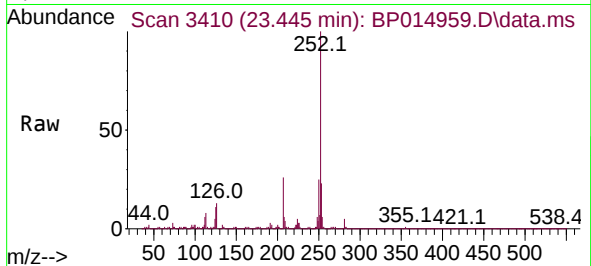
Tgt Ion:228 Resp: 1066083
Ion Ratio Lower Upper
228 100
226 30.4 24.3 36.5
229 22.6 15.8 23.8





#90
Benzo(b)fluoranthene
Concen: 18.311 ng/ul
RT: 23.445 min Scan# 3409
Delta R.T. 0.006 min
Lab File: BP014959.D
Acq: 04 May 2023 18:54

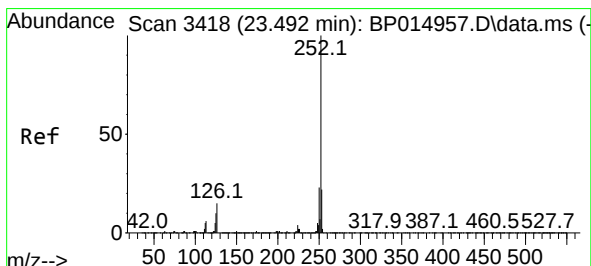
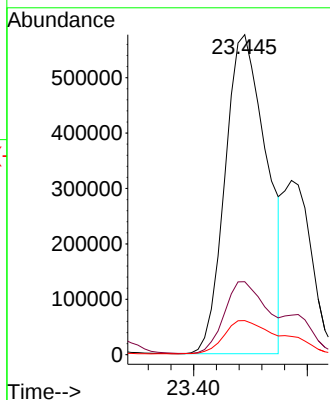
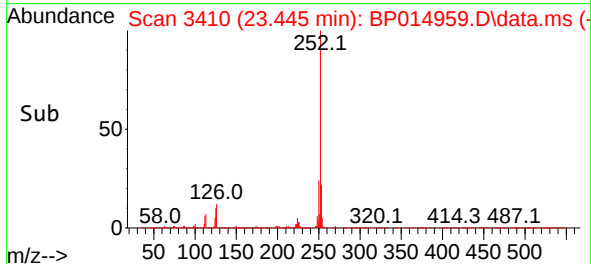
Instrument :
BNA_P
ClientSampleId :
EW913



Tgt Ion:252 Resp: 146546
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.2
125 10.7 8.4 12.6

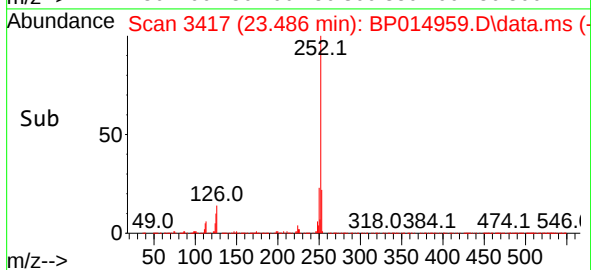
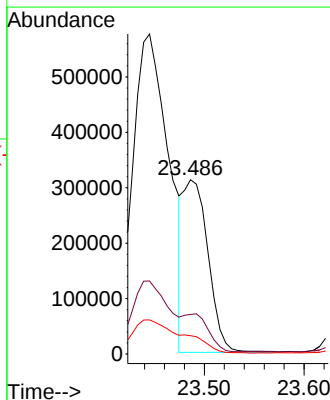
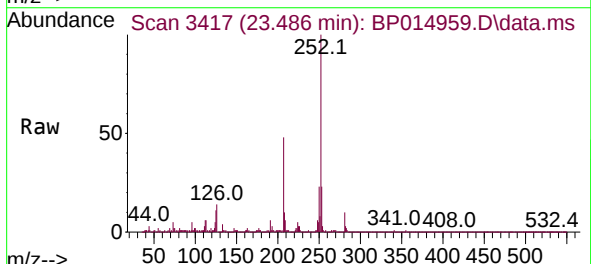
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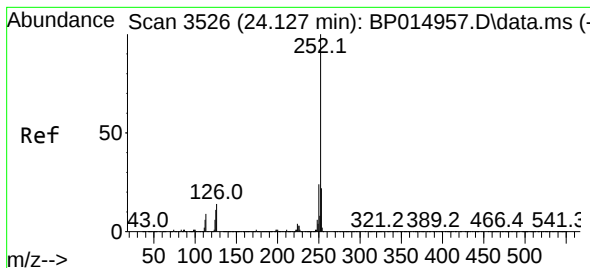
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#91
Benzo(k)fluoranthene
Concen: 6.617 ng/ul m
RT: 23.486 min Scan# 3417
Delta R.T. -0.006 min
Lab File: BP014959.D
Acq: 04 May 2023 18:54

Tgt Ion:252 Resp: 538938
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.6
125 10.5 8.9 13.3





#93

Benzo(a)pyrene

Concen: 15.430 ng/ul

RT: 24.127 min Scan# 3

Delta R.T. -0.000 min

Lab File: BP014959.D

Acq: 04 May 2023 18:54

Instrument :

BNA_P

ClientSampleId :

EW913

Tgt Ion:252 Resp: 108303

Ion Ratio Lower Upper

252 100

253 22.5 17.5 26.3

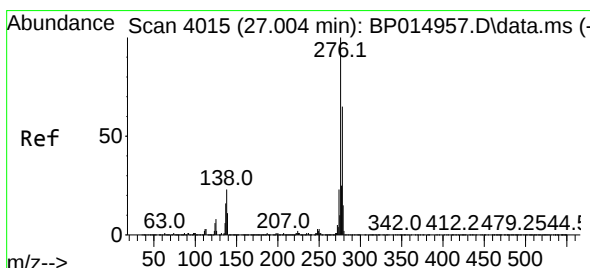
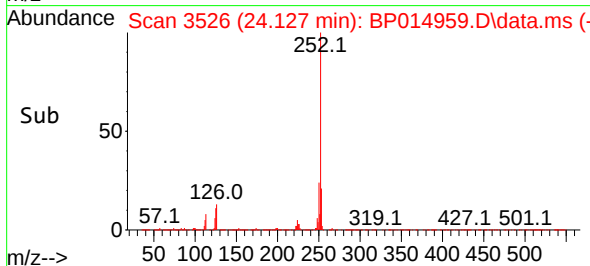
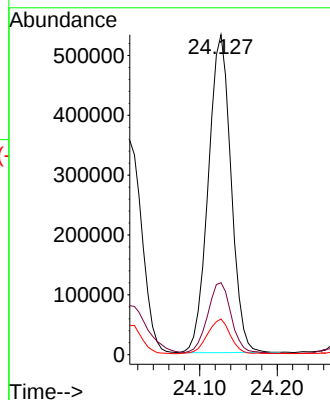
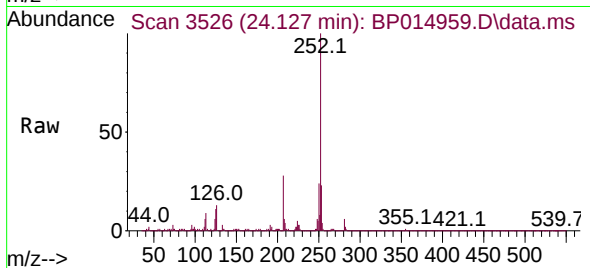
125 11.1 9.4 14.2

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: 8.736 ng/ul

RT: 26.992 min Scan# 4013

Delta R.T. -0.006 min

Lab File: BP014959.D

Acq: 04 May 2023 18:54

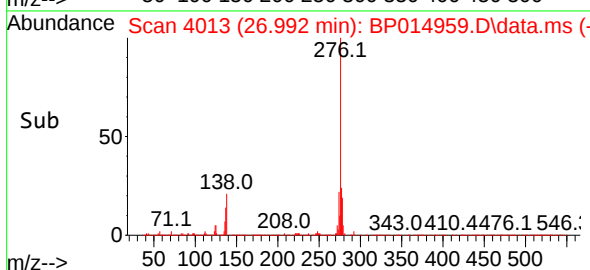
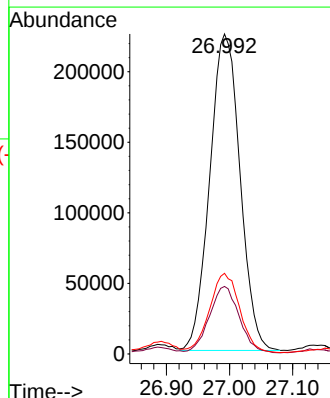
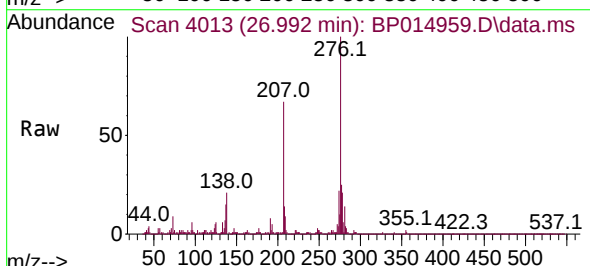
Tgt Ion:276 Resp: 747991

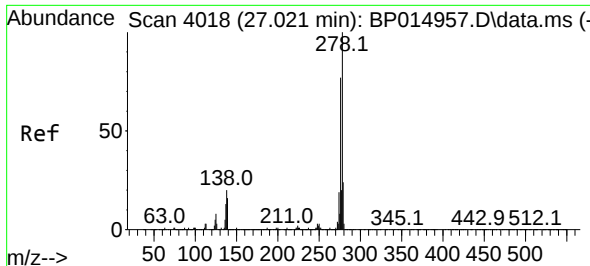
Ion Ratio Lower Upper

276 100

138 21.1 19.4 29.0

277 25.2 19.4 29.2





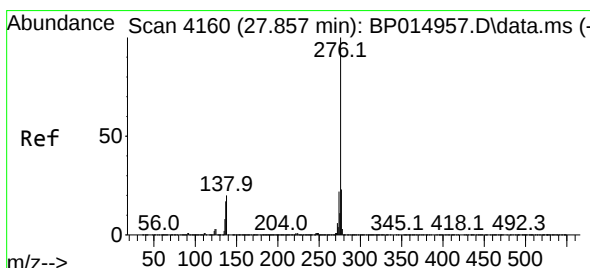
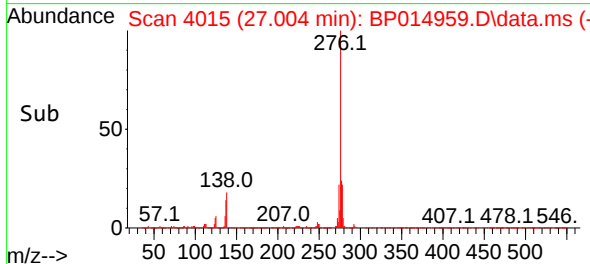
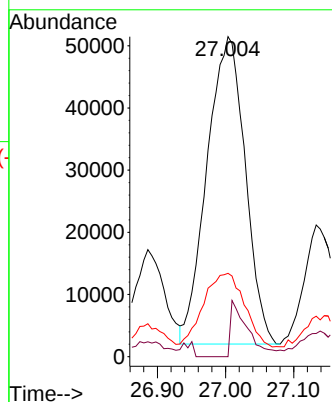
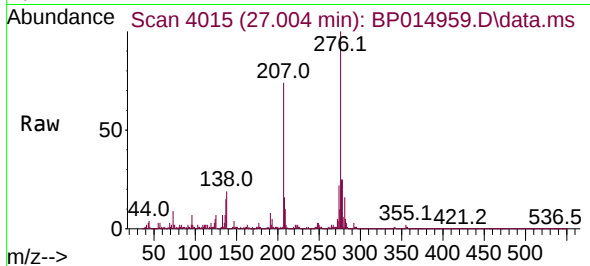
#95
 Dibenzo(a,h)anthracene
 Concen: 2.750 ng/ul
 RT: 27.004 min Scan# 4018
 Delta R.T. -0.012 min
 Lab File: BP014959.D
 Acq: 04 May 2023 18:54

Instrument :
 BNA_P
 ClientSampleId :
 EW913

Tgt Ion:278 Resp: 19296
 Ion Ratio Lower Upper
 278 100
 139 0.0 12.9 19.3
 279 26.1 19.0 28.6

Manual Integrations
 APPROVED

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



#96
 Benzo(g,h,i)perylene
 Concen: 9.366 ng/ul
 RT: 27.851 min Scan# 4159
 Delta R.T. 0.006 min
 Lab File: BP014959.D
 Acq: 04 May 2023 18:54

Tgt Ion:276 Resp: 682499
 Ion Ratio Lower Upper
 276 100
 138 19.3 18.0 27.0
 277 24.0 19.8 29.8

