

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
 Data File : BP014971.D
 Acq On : 05 May 2023 01:35
 Operator : CG/JU
 Sample : 02479-04
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW945

Manual Integrations
 APPROVED

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

Quant Time: May 05 04:04:22 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	222457	20.000	ng/u1	0.00
20) Naphthalene-d8	11.004	136	816480	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.810	164	439331	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.569	188	958693	20.000	ng/u1	0.00
79) Chrysene-d12	21.651	240	912977	20.000	ng/u1	0.00
88) Perylene-d12	24.257	264	1109290	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.464	96	15156	2.533	ng/uL	0.00
4) Pyridine-d5	3.934	84	11572m	0.708	ng/u1	0.04
7) Phenol-d5	7.316	99	240821	12.486	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.481	67	171455	14.383	ng/u1	0.00
11) 2-Chlorophenol-d4	7.693	132	209256	14.756	ng/u1	0.00
15) 4-Methylphenol-d8	8.875	113	182115	12.253	ng/u1	0.00
21) Nitrobenzene-d5	9.346	128	98751	17.006	ng/u1	0.00
24) 2-Nitrophenol-d4	10.075	143	96489	16.182	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.616	165	162090	13.844	ng/u1	0.00
31) 4-Chloroaniline-d4	11.140	131	137849	8.140	ng/u1	0.00
46) Dimethylphthalate-d6	14.210	166	493235	15.863	ng/u1	0.00
49) Acenaphthylene-d8	14.510	160	625167	16.765	ng/u1	0.00
54) 4-Nitrophenol-d4	14.998	143	13713	2.535	ng/u1	0.01
60) Fluorene-d10	15.804	176	452893	16.930	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.922	200	4193	0.777	ng/u1	0.01
73) Anthracene-d10	17.669	188	732301	17.000	ng/u1	0.00
81) Pyrene-d10	19.886	212	884280	14.361	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.086	264	914582	16.921	ng/u1	0.02
Target Compounds						
					Qvalue	
16) Acetophenone	8.999	105	41704	1.716	ng/u1	98
30) Naphthalene	11.057	128	67592	1.506	ng/u1	96
36) 2-Methylnaphthalene	12.651	142	82786	2.983	ng/u1	98
37) 1-Methylnaphthalene	12.869	142	43185	1.509	ng/u1#	100
72) Phenanthrene	17.610	178	734766	13.873	ng/u1	99
74) Anthracene	17.704	178	191914	3.640	ng/u1	98
80) Fluoranthene	19.563	202	1418201	18.770	ng/u1	98
82) Pyrene	19.916	202	1553206	19.403	ng/u1	97
85) Benzo(a)anthracene	21.633	228	940421	15.432	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.527	149	1283174	42.431	ng/u1	99
87) Chrysene	21.692	228	1022161	16.659	ng/u1	95
90) Benzo(b)fluoranthene	23.457	252	1019028	14.214	ng/u1	96
91) Benzo(k)fluoranthene	23.498	252	319404m	4.378	ng/u1	
93) Benzo(a)pyrene	24.139	252	998704	15.884	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	27.021	276	557841	7.274	ng/u1	96
95) Dibenzo(a,h)anthracene	27.039	278	263034	4.184	ng/u1#	73
96) Benzo(g,h,i)perylene	27.880	276	753723	11.547	ng/u1	100

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

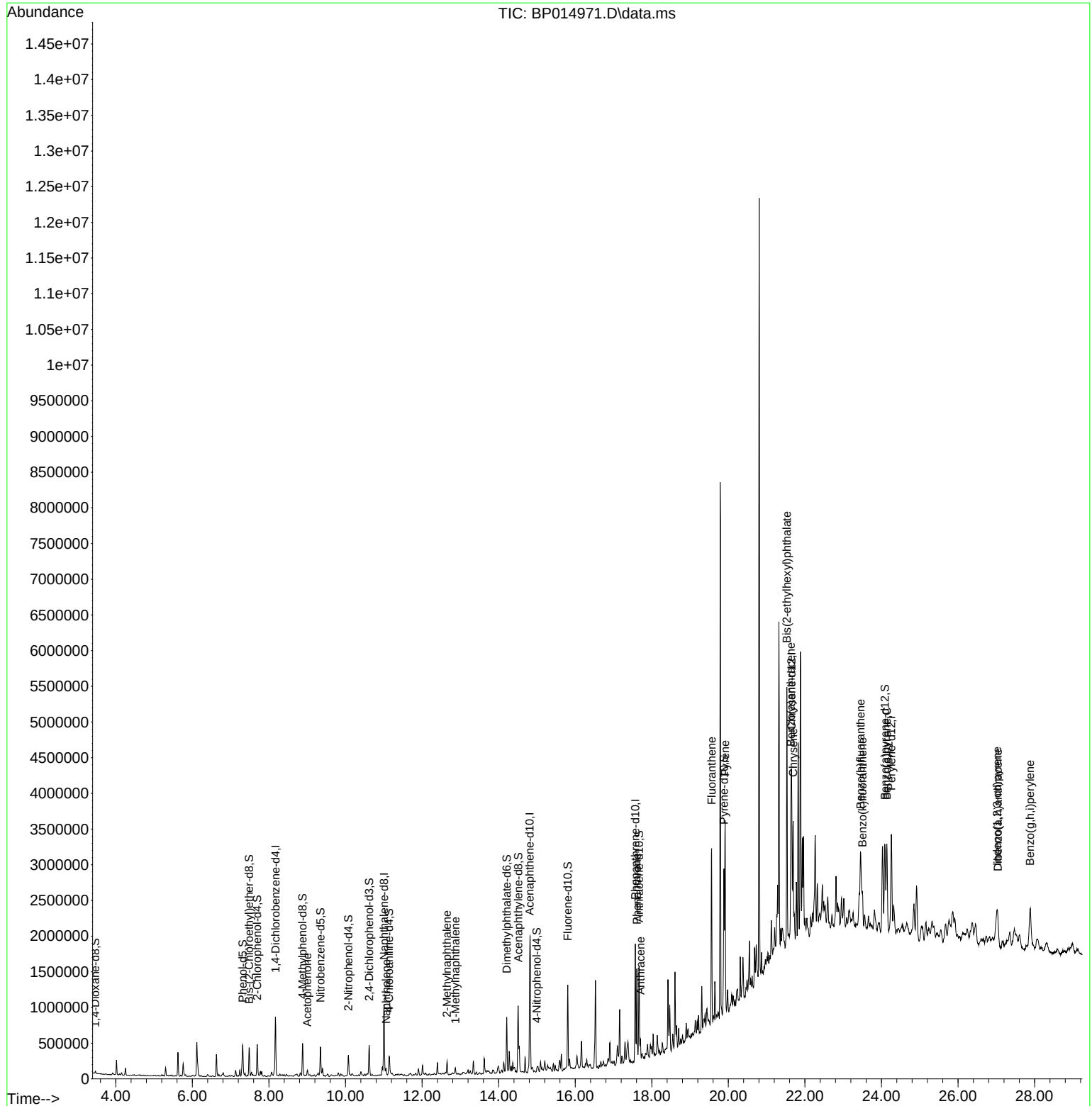
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014971.D
Acq On : 05 May 2023 01:35
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ALS Vial : 30 Sample Multiplier: 1

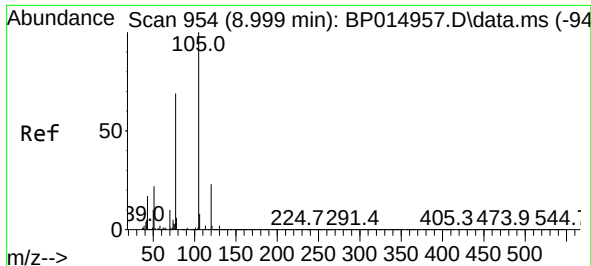
Instrument :
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Quant Title : SVOA CALIBRATION
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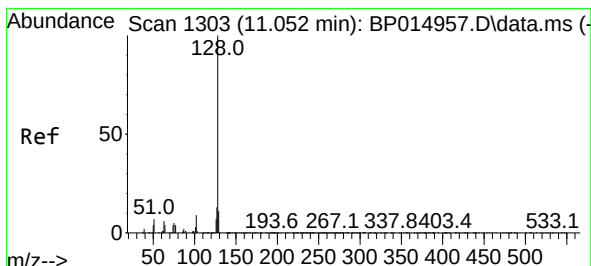
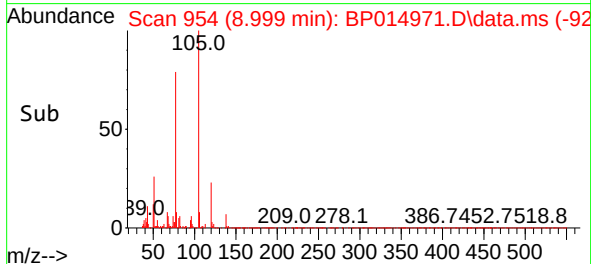
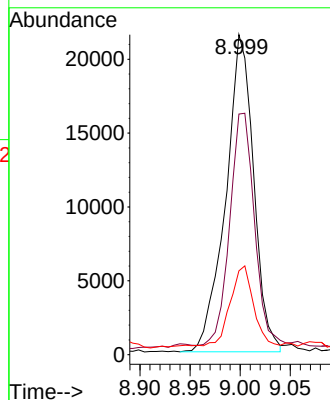
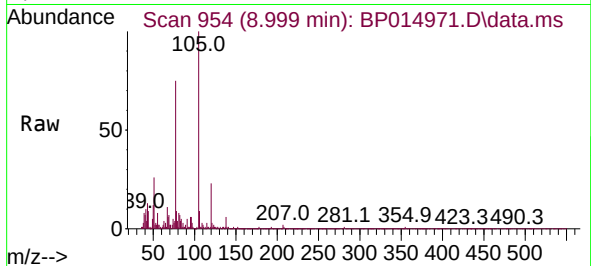
#16
Acetophenone
Concen: 1.716 ng/ul
RT: 8.999 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP014971.D
Acq: 05 May 2023 01:35

Instrument :
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ClientSampleId :
EW945

Tgt Ion	Ratio	Lower	Upper
105	100		
77	75.2	61.2	91.8
51	26.2	19.4	29.2

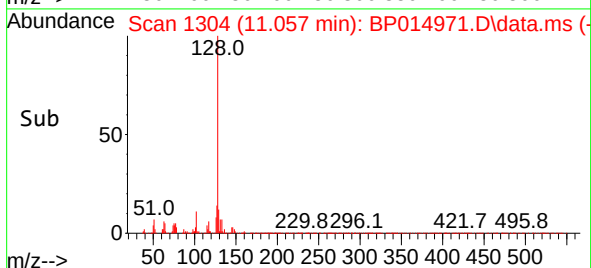
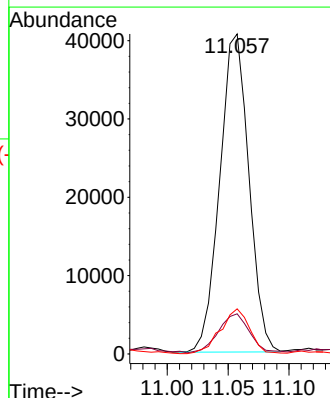
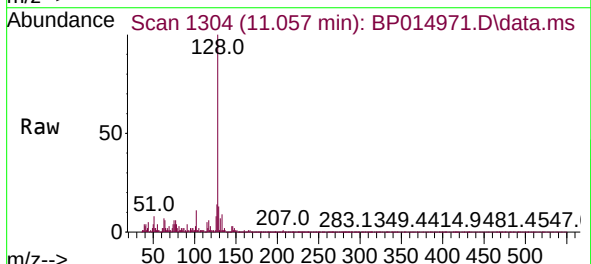
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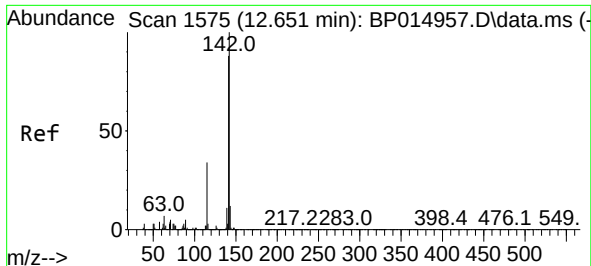
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#30
Naphthalene
Concen: 1.506 ng/ul
RT: 11.057 min Scan# 1304
Delta R.T. 0.006 min
Lab File: BP014971.D
Acq: 05 May 2023 01:35

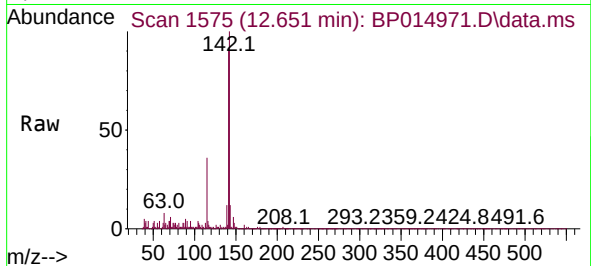
Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.6	8.7	13.1
127	14.1	10.4	15.6





#36
2-Methylnaphthalene
Concen: 2.983 ng/ul
RT: 12.651 min Scan# 1575
Delta R.T. 0.006 min
Lab File: BP014971.D
Acq: 05 May 2023 01:35

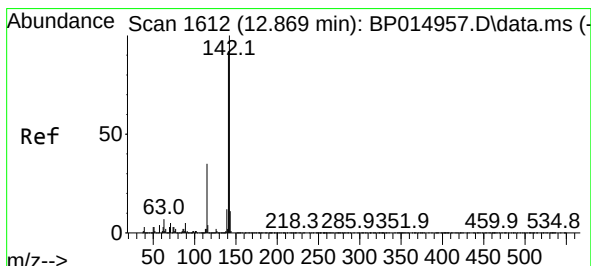
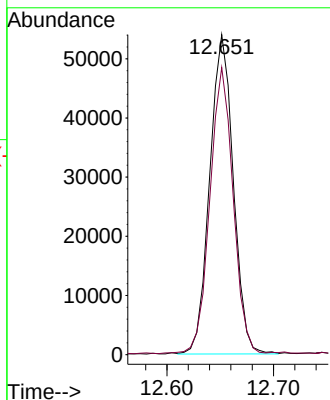
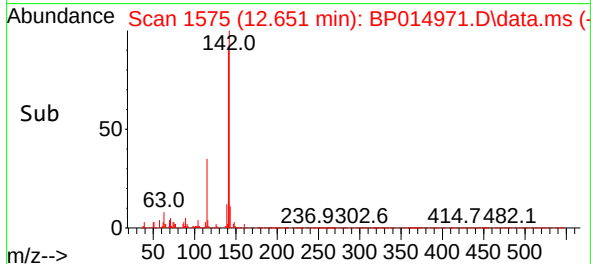
Instrument :
BNA_P
ClientSampleId :
EW945



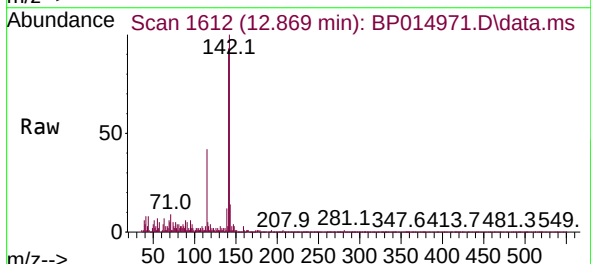
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Ion Ratio Lower Upper
142 100
141 89.7 70.5 105.7

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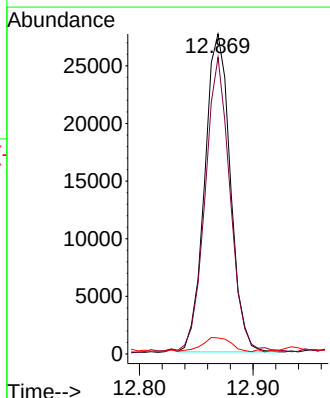
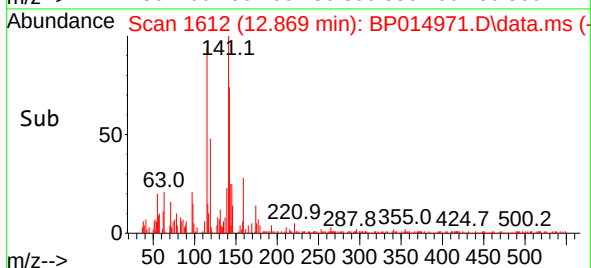
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023

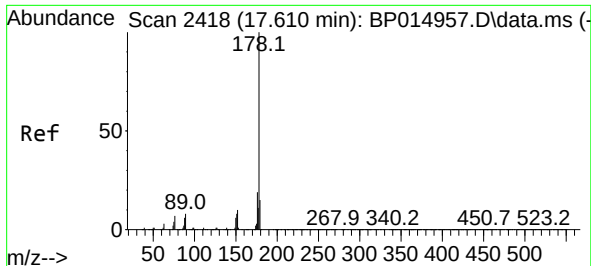


#37
1-Methylnaphthalene
Concen: 1.509 ng/ul
RT: 12.869 min Scan# 1612
Delta R.T. 0.006 min
Lab File: BP014971.D
Acq: 05 May 2023 01:35



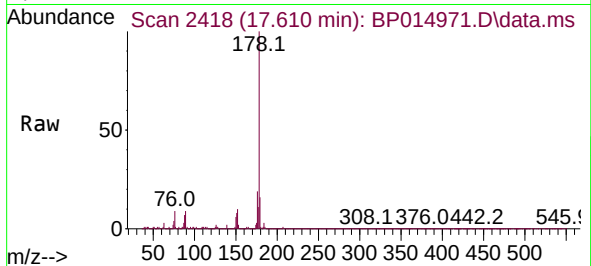
Tgt Ion:142 Resp: 43185
Ion Ratio Lower Upper
142 100
141 92.7 74.4 111.6
116 5.0 2.9 4.3#





#72
Phenanthrene
Concen: 13.873 ng/ul
RT: 17.610 min Scan# 2418
Delta R.T. -0.000 min
Lab File: BP014971.D
Acq: 05 May 2023 01:35

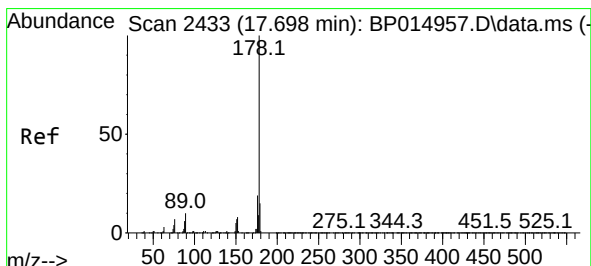
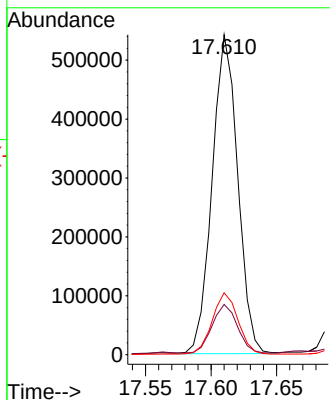
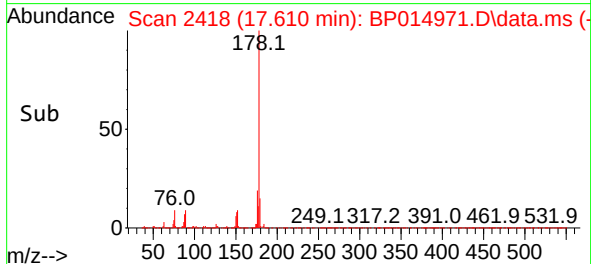
Instrument :
BNA_P
ClientSampleId :
EW945



Tgt Ion:178 Resp: 734760
Ion Ratio Lower Upper
178 100
179 15.7 12.2 18.4
176 19.4 15.4 23.0

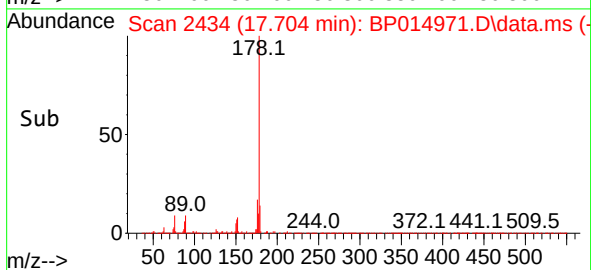
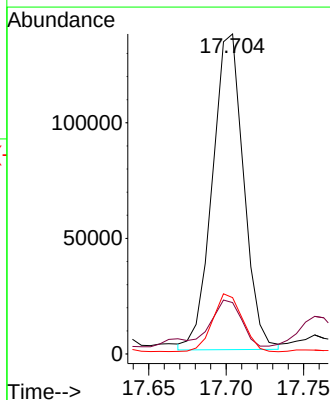
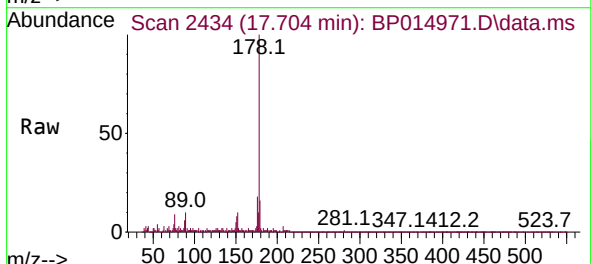
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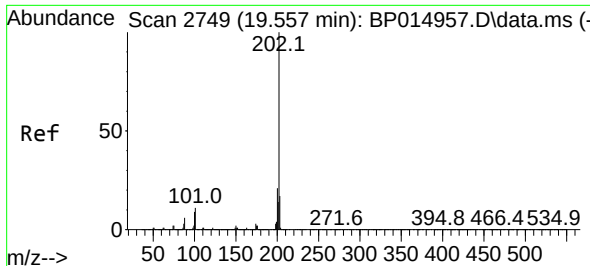
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#74
Anthracene
Concen: 3.640 ng/ul
RT: 17.704 min Scan# 2434
Delta R.T. 0.006 min
Lab File: BP014971.D
Acq: 05 May 2023 01:35

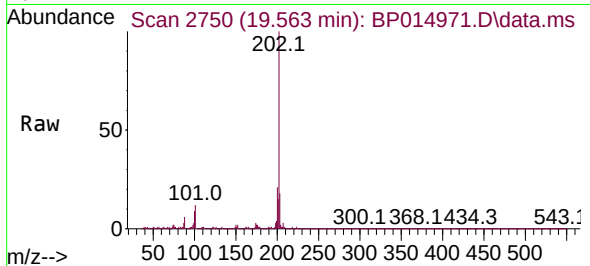
Tgt Ion:178 Resp: 191914
Ion Ratio Lower Upper
178 100
179 16.1 12.6 18.8
176 17.6 15.0 22.4





#80
Fluoranthene
Concen: 18.770 ng/u1
RT: 19.563 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP014971.D
Acq: 05 May 2023 01:35

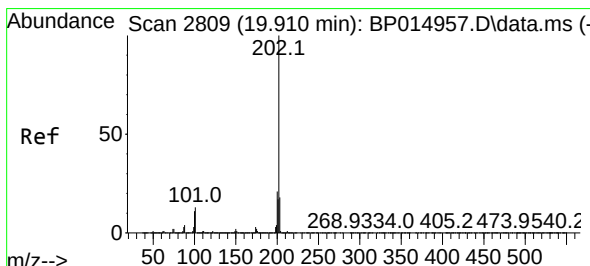
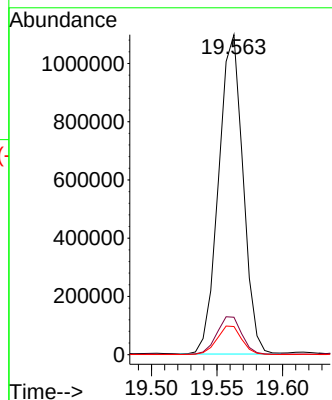
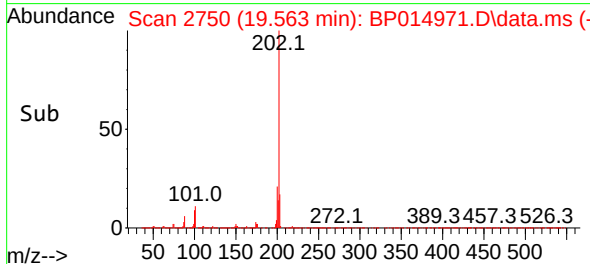
Instrument :
BNA_P
ClientSampleId :
EW945



Tgt Ion:202 Resp: 141820
Ion Ratio Lower Upper
202 100
101 11.7 10.1 15.1
100 8.8 7.7 11.5

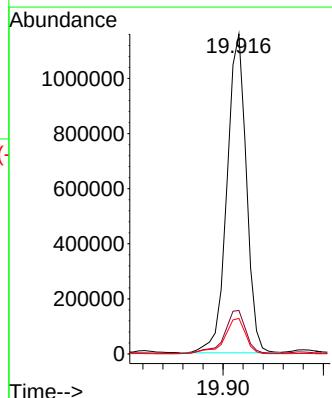
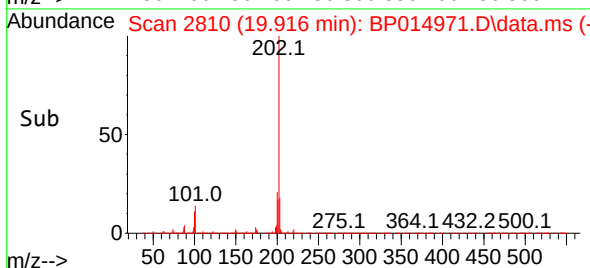
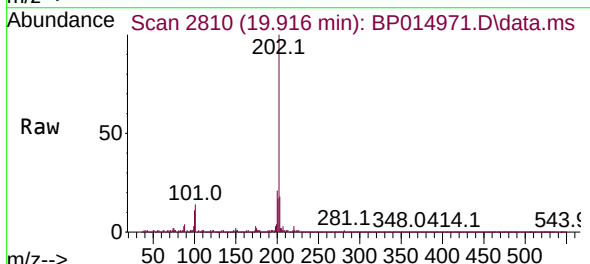
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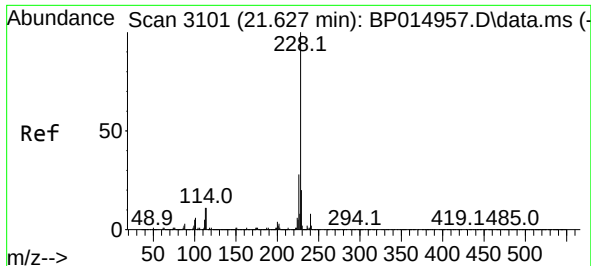
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#82
Pyrene
Concen: 19.403 ng/u1
RT: 19.916 min Scan# 2810
Delta R.T. 0.006 min
Lab File: BP014971.D
Acq: 05 May 2023 01:35

Tgt Ion:202 Resp: 1553206
Ion Ratio Lower Upper
202 100
101 13.6 11.9 17.9
100 11.1 9.7 14.5





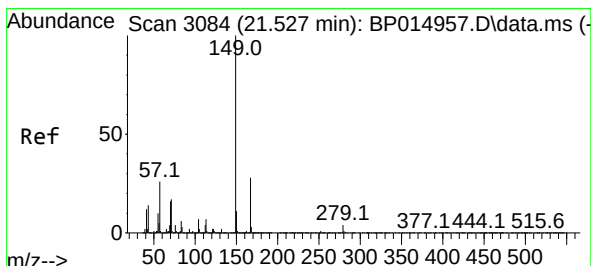
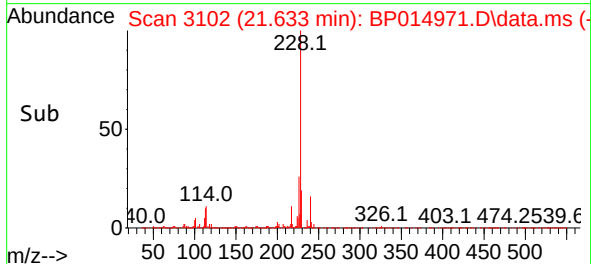
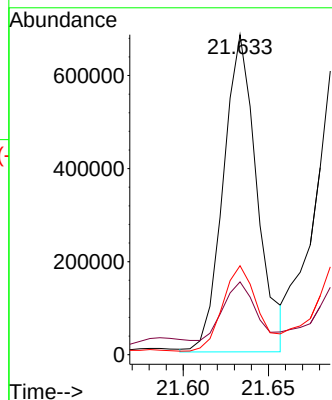
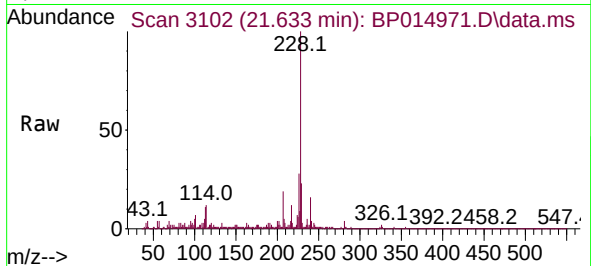
#85
Benzo(a)anthracene
Concen: 15.432 ng/ul
RT: 21.633 min Scan# 3101
Delta R.T. 0.006 min
Lab File: BP014971.D
Acq: 05 May 2023 01:35

Instrument :
BNA_P
ClientSampleId :
EW945

Tgt Ion:228 Resp: 94042
Ion Ratio Lower Upper
228 100
229 22.7 15.9 23.9
226 27.8 22.1 33.1

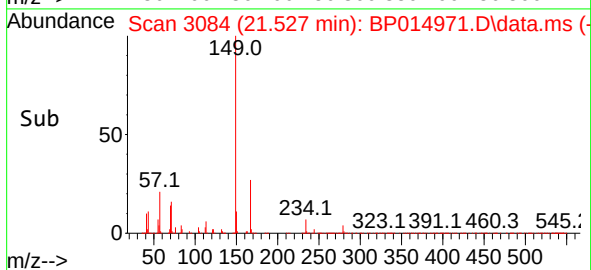
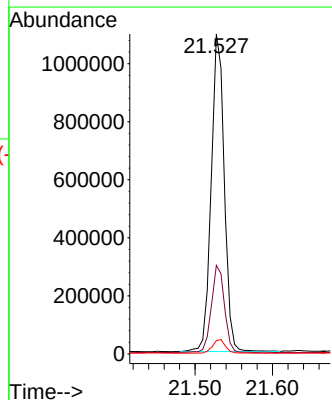
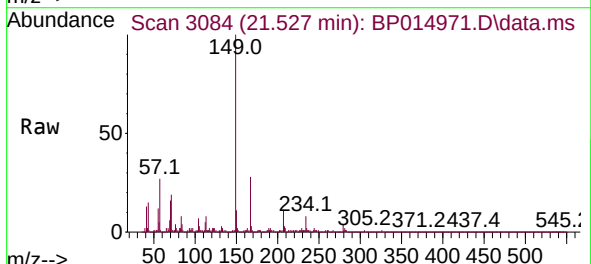
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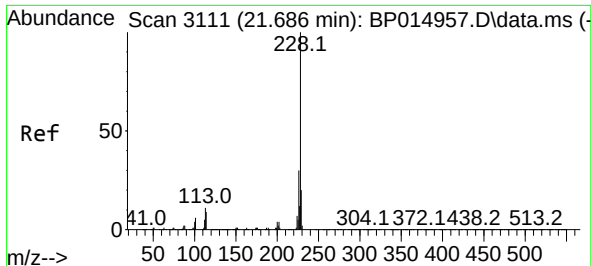
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#86
Bis(2-ethylhexyl)phthalate
Concen: 42.431 ng/ul
RT: 21.527 min Scan# 3084
Delta R.T. -0.000 min
Lab File: BP014971.D
Acq: 05 May 2023 01:35

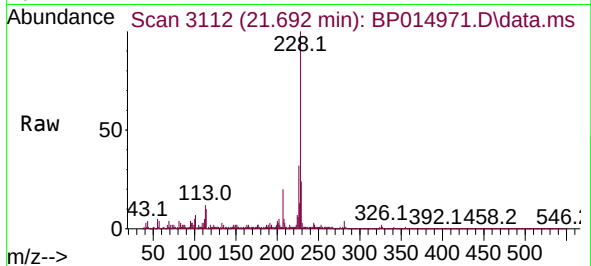
Tgt Ion:149 Resp: 1283174
Ion Ratio Lower Upper
149 100
167 27.7 22.0 33.0
279 4.1 2.9 4.3





#87
Chrysene
Concen: 16.659 ng/u1
RT: 21.692 min Scan# 3112
Delta R.T. 0.006 min
Lab File: BP014971.D
Acq: 05 May 2023 01:35

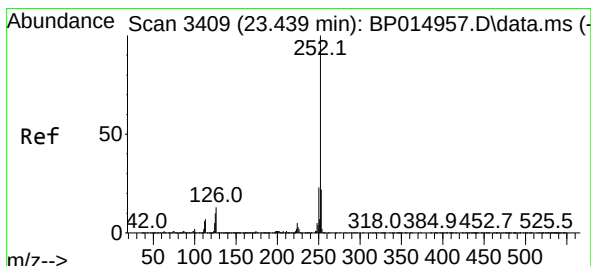
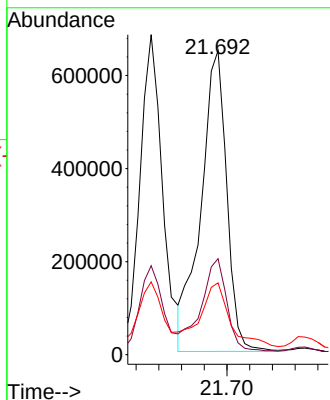
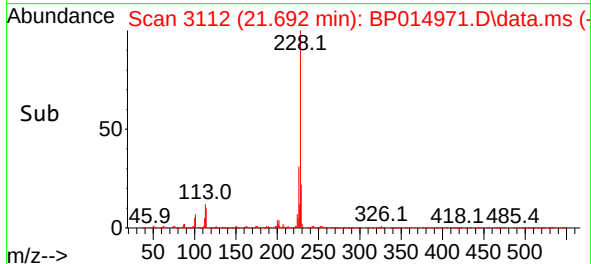
Instrument :
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EW945



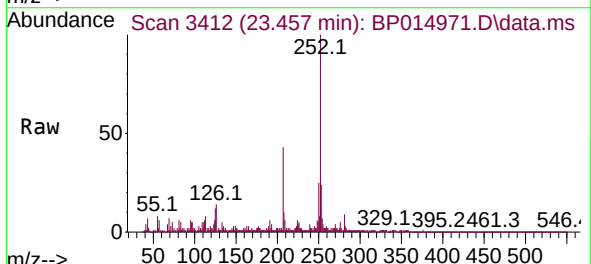
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Ion Ratio Lower Upper
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226 31.6 24.3 36.5
229 23.6 15.8 23.8

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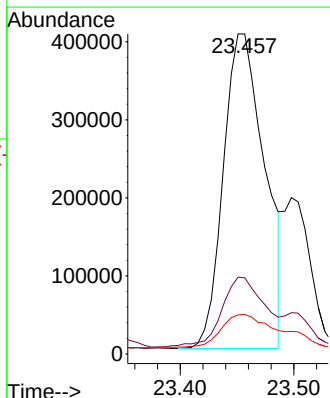
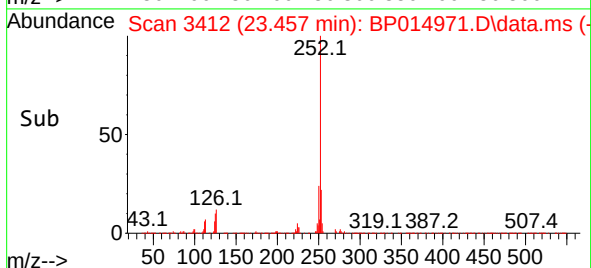
Reviewed By :Christian Giraldo 05/05/2023
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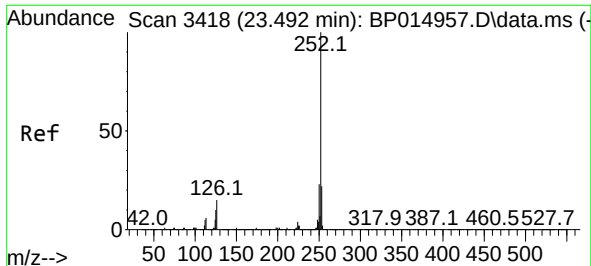


#90
Benzo(b)fluoranthene
Concen: 14.214 ng/u1
RT: 23.457 min Scan# 3412
Delta R.T. 0.018 min
Lab File: BP014971.D
Acq: 05 May 2023 01:35



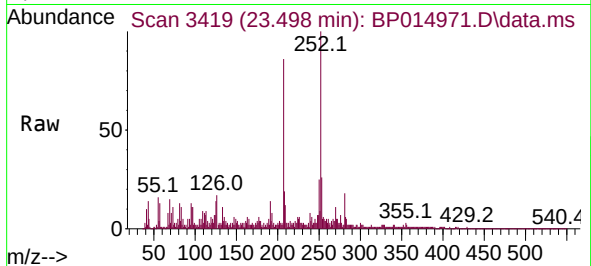
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Ion Ratio Lower Upper
252 100
253 23.8 17.4 26.2
125 12.3 8.4 12.6





#91
Benzo(k)fluoranthene
Concen: 4.378 ng/ul m
RT: 23.498 min Scan# 3418
Delta R.T. 0.006 min
Lab File: BP014971.D
Acq: 05 May 2023 01:35

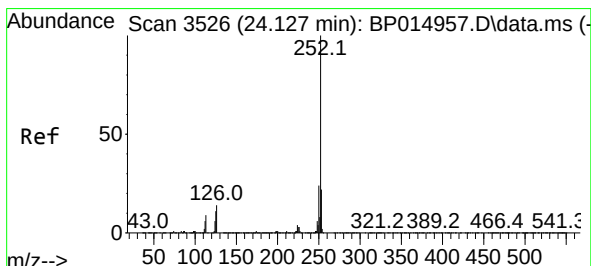
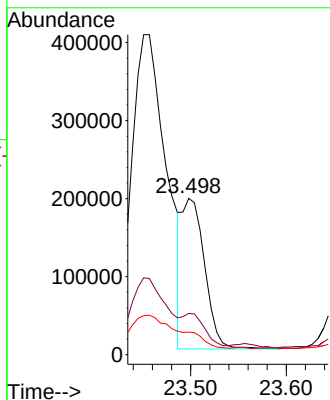
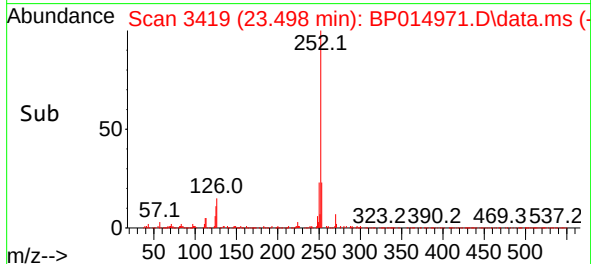
Instrument :
BNA_P
ClientSampleId :
EW945



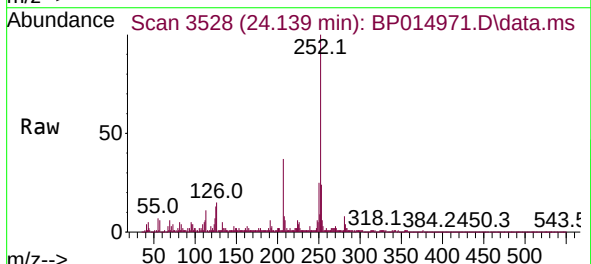
Tgt Ion:252 Resp: 319404
Ion Ratio Lower Upper
252 100
253 26.4 17.8 26.6
125 14.4 8.9 13.3

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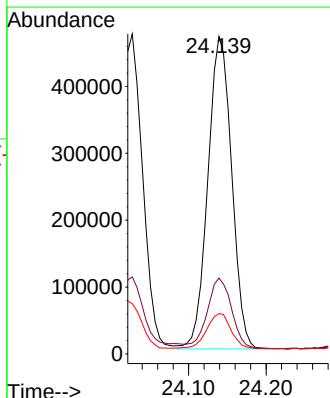
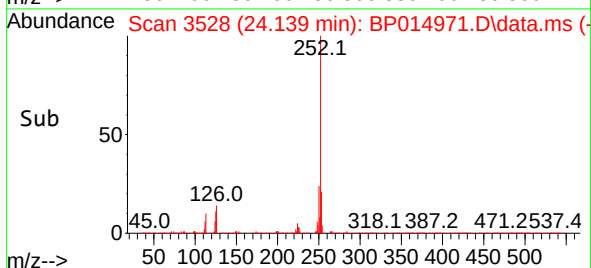
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023

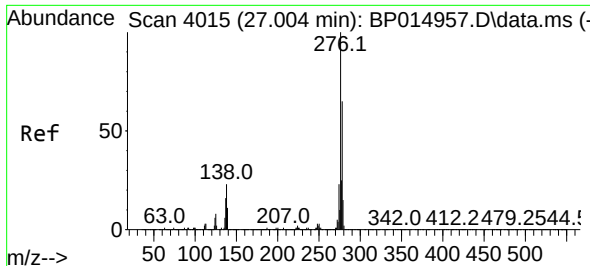


#93
Benzo(a)pyrene
Concen: 15.884 ng/ul
RT: 24.139 min Scan# 3528
Delta R.T. 0.012 min
Lab File: BP014971.D
Acq: 05 May 2023 01:35



Tgt Ion:252 Resp: 998704
Ion Ratio Lower Upper
252 100
253 23.9 17.5 26.3
125 12.7 9.4 14.2





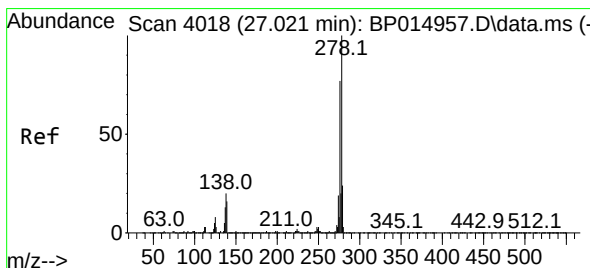
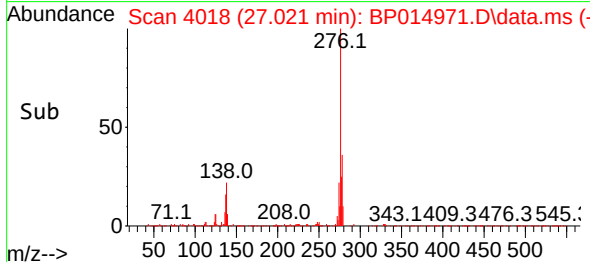
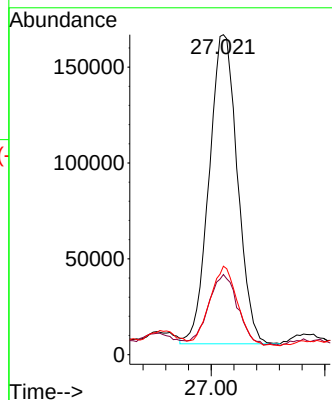
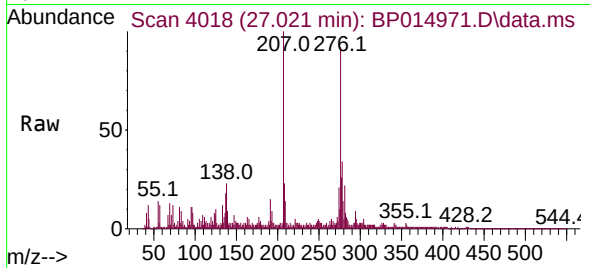
#94
 Indeno(1,2,3-cd)pyrene
 Concen: 7.274 ng/ul
 RT: 27.021 min Scan# 4018
 Delta R.T. 0.023 min
 Lab File: BP014971.D
 Acq: 05 May 2023 01:35

Instrument :
 BNA_P
 ClientSampleId :
 EW945

Tgt Ion:276 Resp: 55784
 Ion Ratio Lower Upper
 276 100
 138 25.0 19.4 29.0
 277 27.6 19.4 29.2

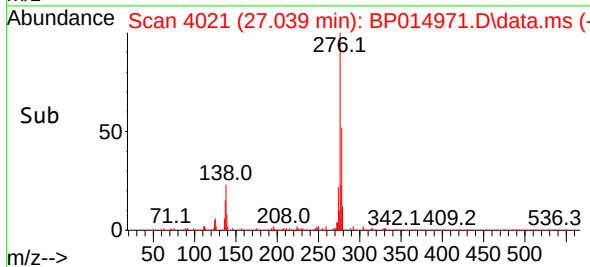
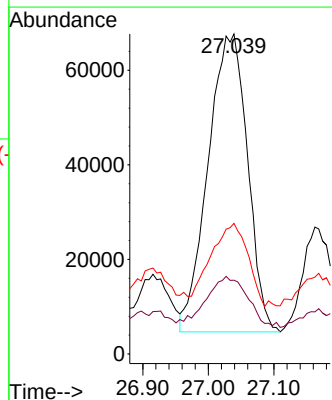
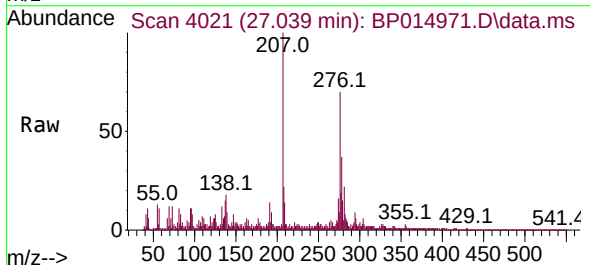
Manual Integrations
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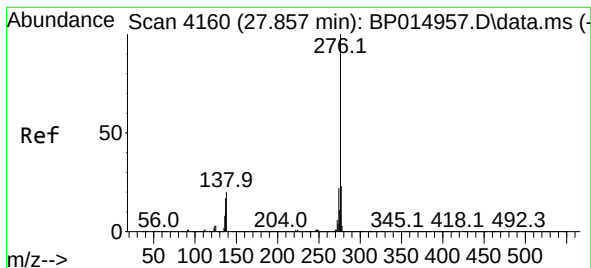
Reviewed By :Christian Giraldo 05/05/2023
 Supervised By :Jagrut Upadhyay 05/05/2023



#95
 Dibenzo(a,h)anthracene
 Concen: 4.184 ng/ul
 RT: 27.039 min Scan# 4021
 Delta R.T. 0.023 min
 Lab File: BP014971.D
 Acq: 05 May 2023 01:35

Tgt Ion:278 Resp: 263034
 Ion Ratio Lower Upper
 278 100
 139 23.0 12.9 19.3#
 279 40.8 19.0 28.6#





#96

Benzo(g,h,i)perylene

Concen: 11.547 ng/ul

RT: 27.880 min Scan# 41

Delta R.T. 0.035 min

Lab File: BP014971.D

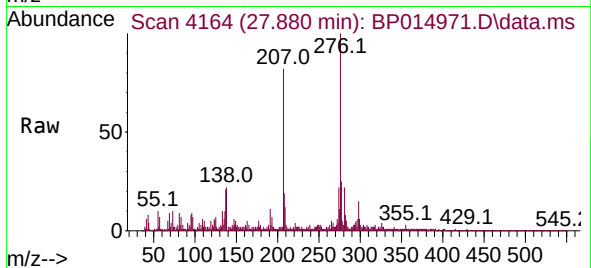
Acq: 05 May 2023 01:35

Instrument :

BNA_P

ClientSampleId :

EW945



Tgt Ion:276 Resp: 75372

Ion Ratio Lower Upper

276 100

138 22.3 18.0 27.0

277 24.6 19.8 29.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/05/2023

Supervised By :Jagrut Upadhyay 05/05/2023

