

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050323\
 Data File : BP014937.D
 Acq On : 03 May 2023 19:10
 Operator : CG/JU
 Sample : 02419-36
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW931

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/04/2023
 Supervised By : Jagrut Upadhyay 05/04/2023

Quant Time: May 04 06:47:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 03 23:33:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.163	152	301181	20.000	ng/ul	0.00
20) Naphthalene-d8	10.999	136	1256211	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.810	164	678428	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.563	188	1109787	20.000	ng/ul	0.00
79) Chrysene-d12	21.651	240	788423	20.000	ng/ul	0.00
88) Perylene-d12	24.257	264	991475	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.458	96	18328	2.263	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	0.00
7) Phenol-d5	7.305	99	339267	12.993	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.481	67	232543	14.408	ng/ul	0.00
11) 2-Chlorophenol-d4	7.687	132	280662	14.618	ng/ul	0.00
15) 4-Methylphenol-d8	8.869	113	200843	9.981	ng/ul	0.00
21) Nitrobenzene-d5	9.340	128	129759	14.524	ng/ul	0.00
24) 2-Nitrophenol-d4	10.069	143	136649	14.895	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.610	165	253628	14.080	ng/ul	0.00
31) 4-Chloroaniline-d4	11.134	131	115989	4.452	ng/ul	0.00
46) Dimethylphthalate-d6	14.210	166	791778	16.490	ng/ul	0.00
49) Acenaphthylene-d8	14.504	160	925176	16.066	ng/ul	0.00
54) 4-Nitrophenol-d4	14.981	143	41364	4.952	ng/ul	0.00
60) Fluorene-d10	15.798	176	647897	15.684	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.910	200	50656	8.108	ng/ul	0.00
73) Anthracene-d10	17.663	188	787689	15.797	ng/ul	0.00
81) Pyrene-d10	19.886	212	786461	14.790	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.086	264	822037	17.016	ng/ul	0.00
Target Compounds					Qvalue	
8) Phenol	7.334	94	35017	1.277	ng/ul	97
16) Acetophenone	8.993	105	215552	6.551	ng/ul	98
72) Phenanthrene	17.604	178	543434	8.864	ng/ul	98
74) Anthracene	17.698	178	139945	2.293	ng/ul	96
77) Carbazole	17.963	167	57890	1.128	ng/ul#	92
78) Di-n-butylphthalate	18.498	149	505818	8.811	ng/ul	99
80) Fluoranthene	19.557	202	1242610	19.044	ng/ul	99
82) Pyrene	19.916	202	1177324	17.030	ng/ul	99
83) Butylbenzylphthalate	20.769	149	285029	13.733	ng/ul	96
85) Benzo(a)anthracene	21.633	228	731527	13.901	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.539	149	3027425	115.924	ng/ul#	98
87) Chrysene	21.686	228	782198	14.762	ng/ul	97
89) Di-n-octyl phthalate	22.533	149	241673	4.175	ng/ul	100
90) Benzo(b)fluoranthene	23.457	252	1495625	23.341	ng/ul#	93
91) Benzo(k)fluoranthene	23.504	252	395807m	6.069	ng/ul	
93) Benzo(a)pyrene	24.139	252	926876	16.494	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	27.021	276	925125	13.496	ng/ul	97
95) Dibenzo(a,h)anthracene	27.027	278	226923	4.039	ng/ul#	87
96) Benzo(g,h,i)perylene	27.874	276	1034053	17.724	ng/ul	97

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

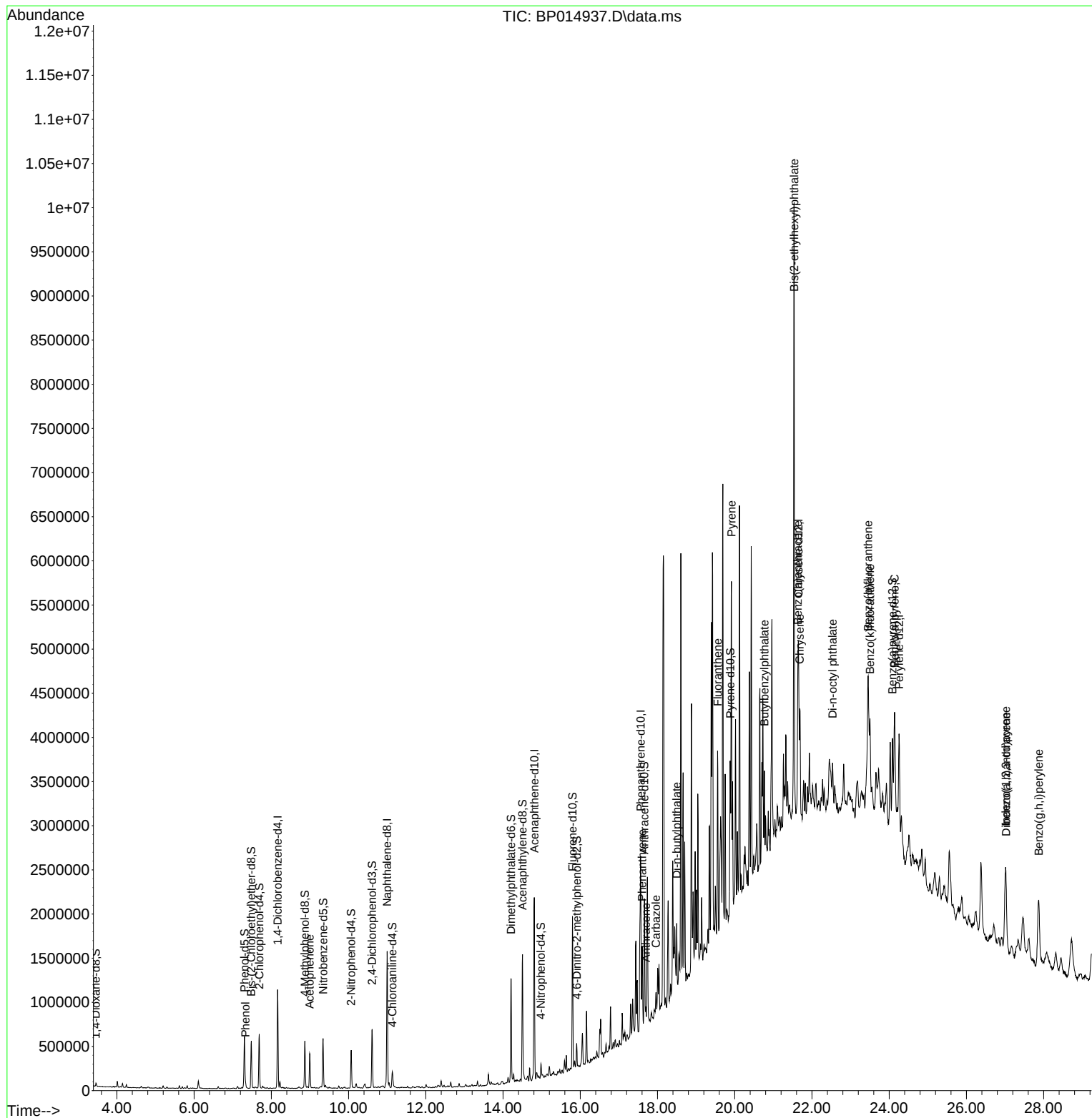
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050323\
Data File : BP014937.D
Acq On : 03 May 2023 19:10
Operator : CG/JU
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ALS Vial : 13 Sample Multiplier: 1

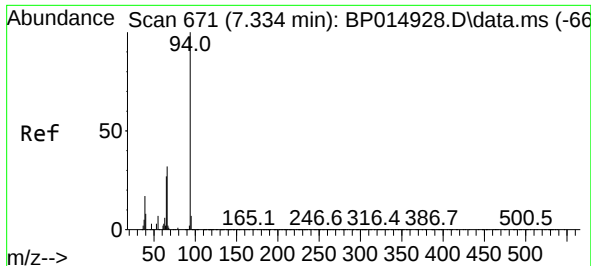
Instrument :
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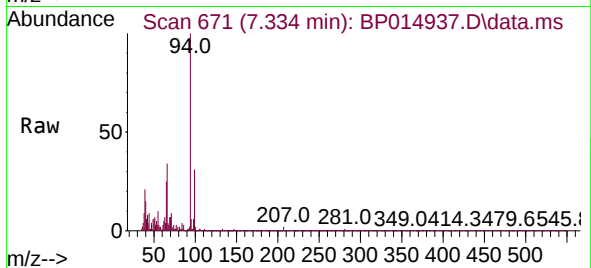
Quant Time: May 04 06:47:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 03 23:33:17 2023
Response via : Initial Calibration





#8
Phenol
Concen: 1.277 ng/ul
RT: 7.334 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP014937.D
Acq: 03 May 2023 19:10

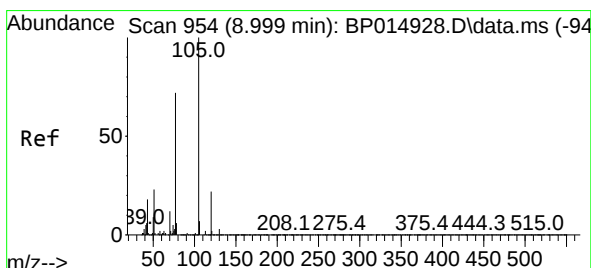
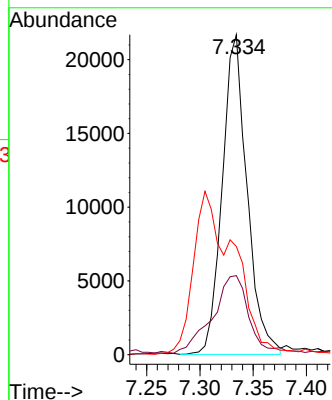
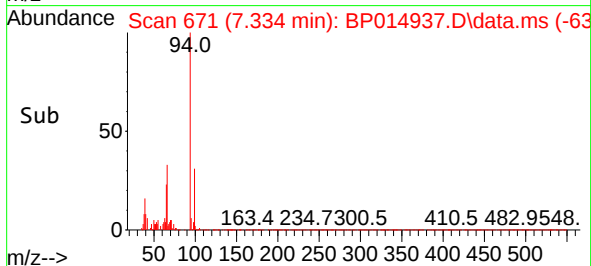
Instrument :
BNA_P
ClientSampleId :
EW931



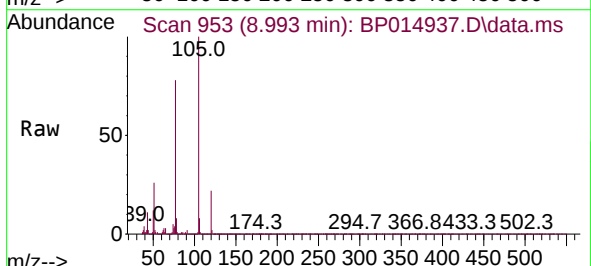
Tgt Ion: 94 Resp: 3501
Ion Ratio Lower Upper
94 100
65 24.7 21.4 32.0
66 33.8 25.8 38.8

Manual Integrations
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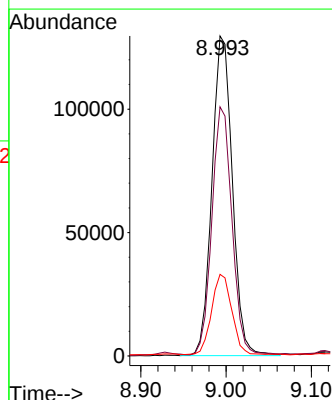
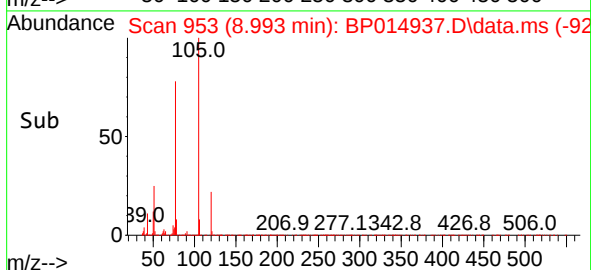
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023

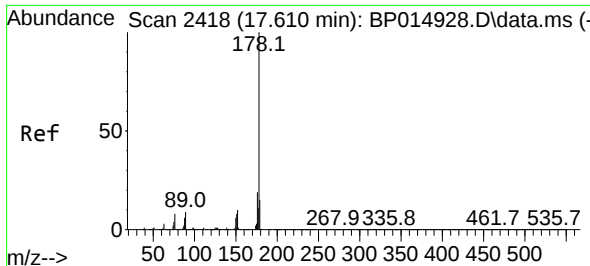


#16
Acetophenone
Concen: 6.551 ng/ul
RT: 8.993 min Scan# 953
Delta R.T. -0.006 min
Lab File: BP014937.D
Acq: 03 May 2023 19:10



Tgt Ion:105 Resp: 215552
Ion Ratio Lower Upper
105 100
77 77.8 61.2 91.8
51 25.5 19.4 29.2





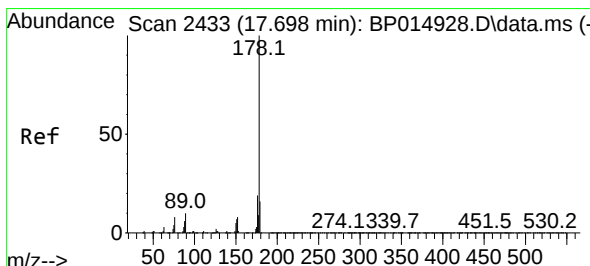
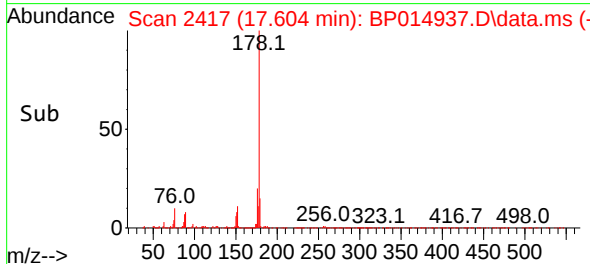
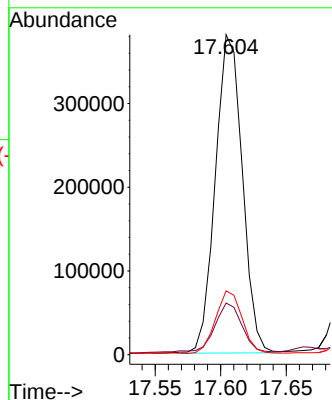
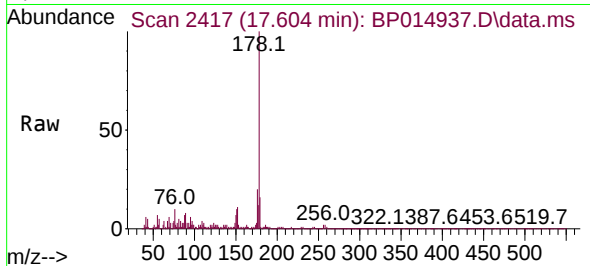
#72
Phenanthrene
Concen: 8.864 ng/ul
RT: 17.604 min Scan# 2417
Delta R.T. -0.006 min
Lab File: BP014937.D
Acq: 03 May 2023 19:10

Instrument :
BNA_P
ClientSampleId :
EW931

Tgt Ion:178 Resp: 543434
Ion Ratio Lower Upper
178 100
179 16.1 12.2 18.4
176 19.9 15.4 23.0

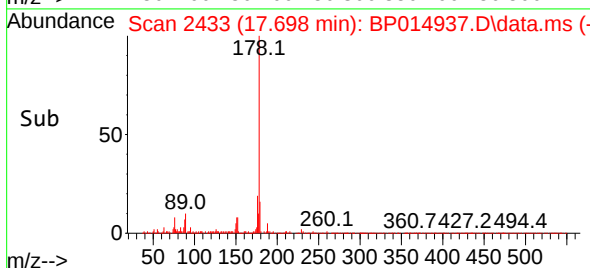
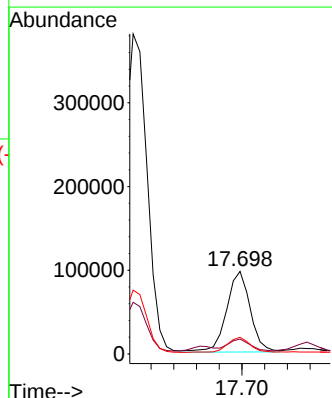
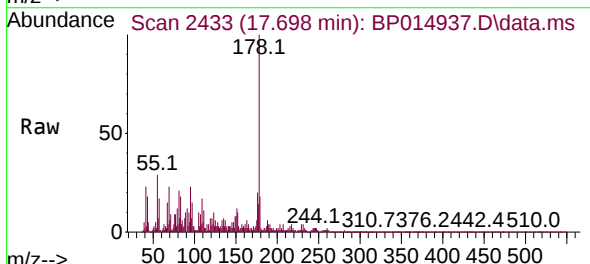
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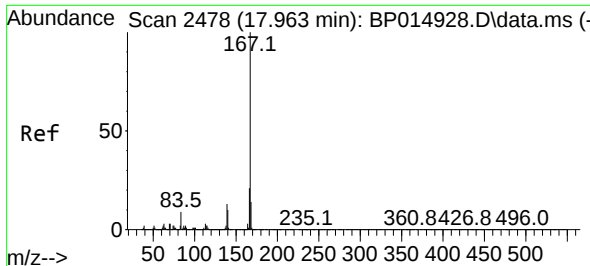
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#74
Anthracene
Concen: 2.293 ng/ul
RT: 17.698 min Scan# 2433
Delta R.T. -0.000 min
Lab File: BP014937.D
Acq: 03 May 2023 19:10

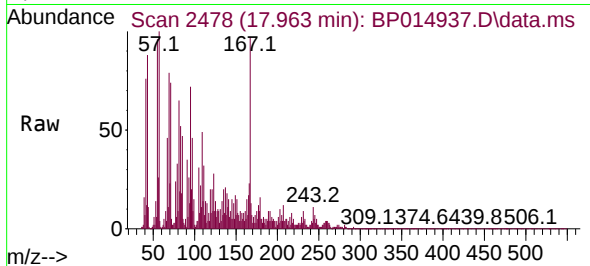
Tgt Ion:178 Resp: 139945
Ion Ratio Lower Upper
178 100
179 18.1 12.6 18.8
176 20.2 15.0 22.4





#77
 Carbazole
 Concen: 1.128 ng/ul
 RT: 17.963 min Scan# 2478
 Delta R.T. -0.000 min
 Lab File: BP014937.D
 Acq: 03 May 2023 19:10

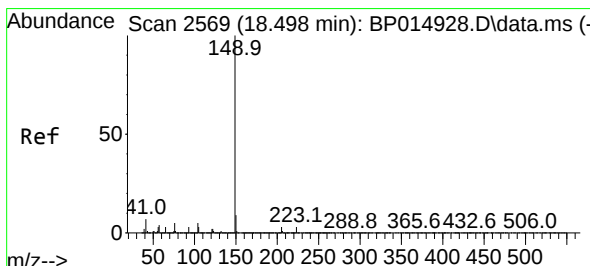
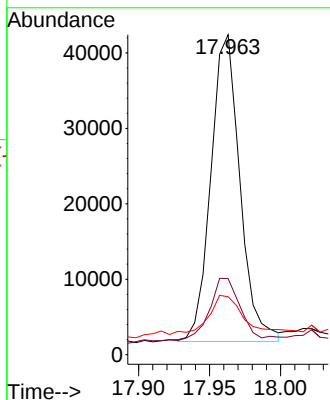
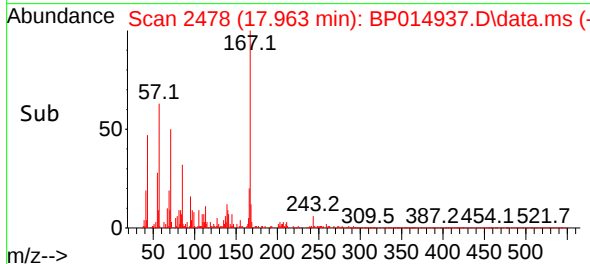
Instrument :
 BNA_P
 ClientSampleId :
 EW931



Tgt Ion:167 Resp: 57890
 Ion Ratio Lower Upper
 167 100
 166 23.8 17.1 25.7
 139 18.1 10.1 15.1

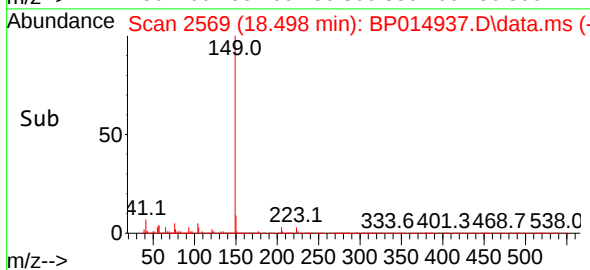
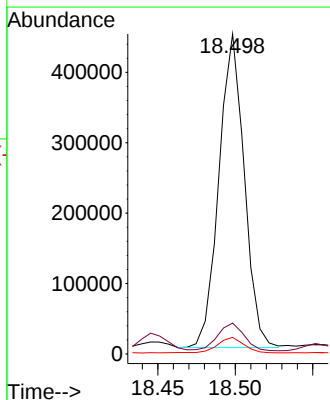
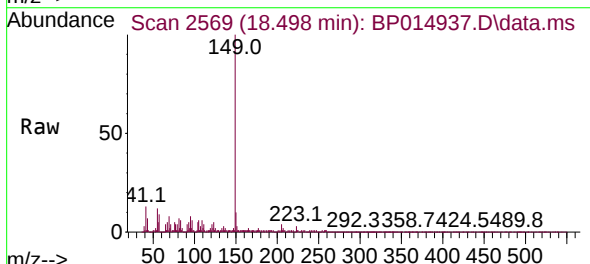
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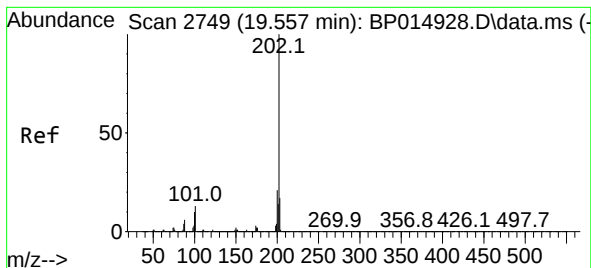
Reviewed By :Christian Giraldo 05/04/2023
 Supervised By :Jagrut Upadhyay 05/04/2023



#78
 Di-n-butylphthalate
 Concen: 8.811 ng/ul
 RT: 18.498 min Scan# 2569
 Delta R.T. -0.000 min
 Lab File: BP014937.D
 Acq: 03 May 2023 19:10

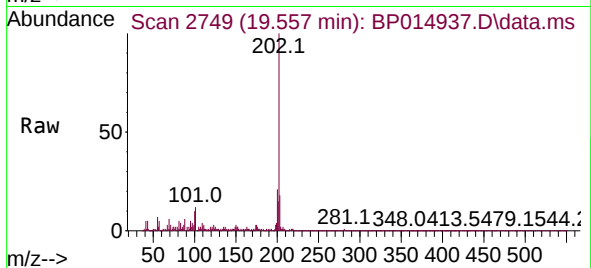
Tgt Ion:149 Resp: 505818
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.4 11.2
 104 5.2 4.1 6.1





#80
Fluoranthene
Concen: 19.044 ng/u1
RT: 19.557 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP014937.D
Acq: 03 May 2023 19:10

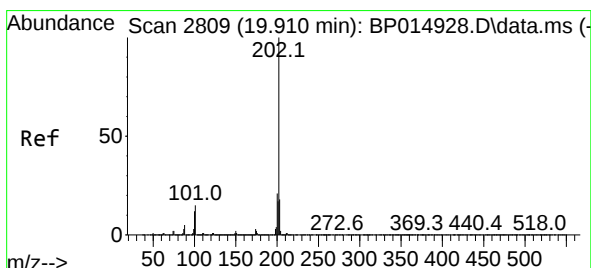
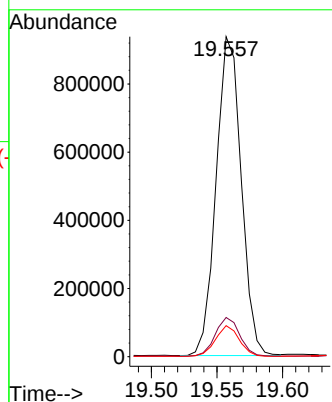
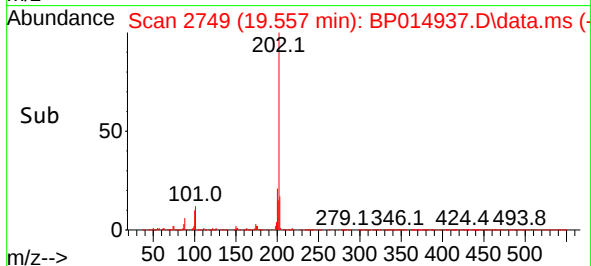
Instrument :
BNA_P
ClientSampleId :
EW931



Tgt Ion:202 Resp: 1242610
Ion Ratio Lower Upper
202 100
101 12.2 10.1 15.1
100 9.7 7.7 11.5

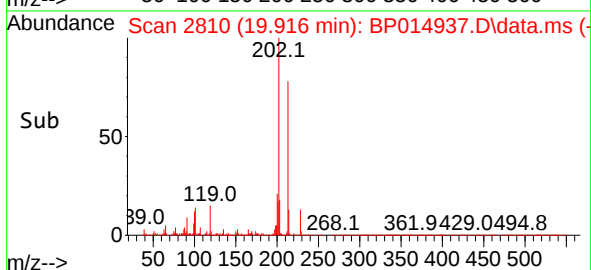
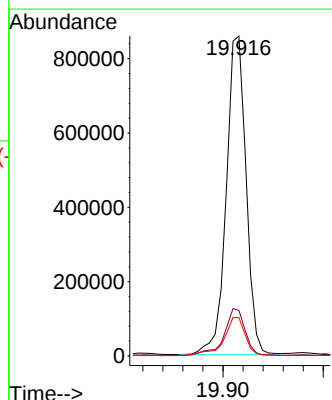
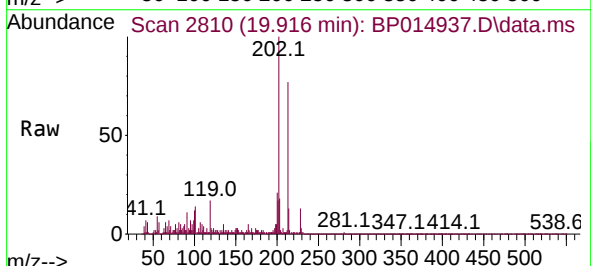
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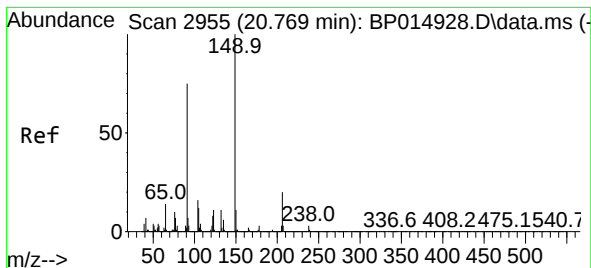
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#82
Pyrene
Concen: 17.030 ng/u1
RT: 19.916 min Scan# 2810
Delta R.T. 0.006 min
Lab File: BP014937.D
Acq: 03 May 2023 19:10

Tgt Ion:202 Resp: 1177324
Ion Ratio Lower Upper
202 100
101 14.3 11.9 17.9
100 12.0 9.7 14.5





#83

Butylbenzylphthalate

Concen: 13.733 ng/ul

RT: 20.769 min Scan# 2955

Delta R.T. -0.000 min

Lab File: BP014937.D

Acq: 03 May 2023 19:10

Instrument :

BNA_P

ClientSampleId :

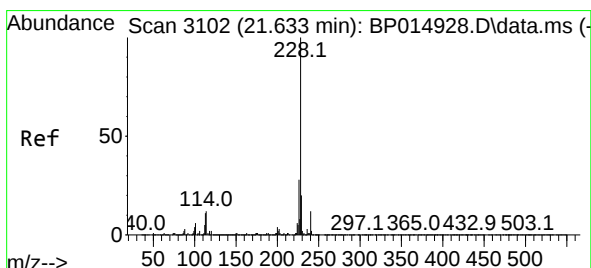
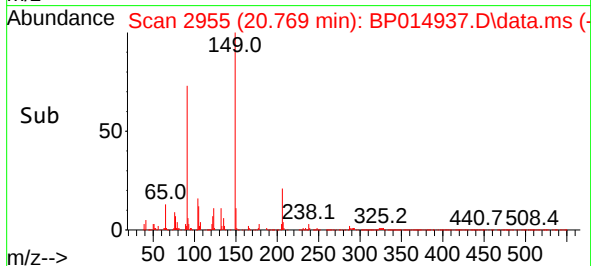
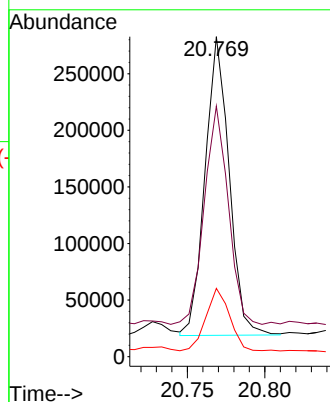
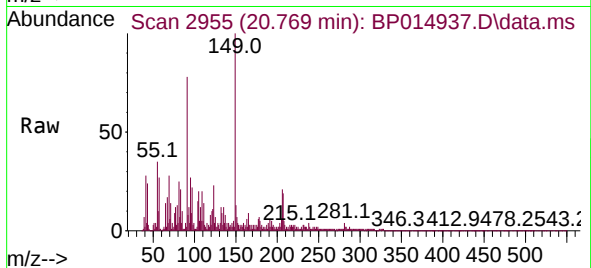
EW931

Tgt Ion:	149	Resp:	285029
Ion Ratio	Lower	Upper	
149	100		
91	78.3	60.1	90.1
206	21.3	16.0	24.0

Manual Integrations

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#85

Benzo(a)anthracene

Concen: 13.901 ng/ul

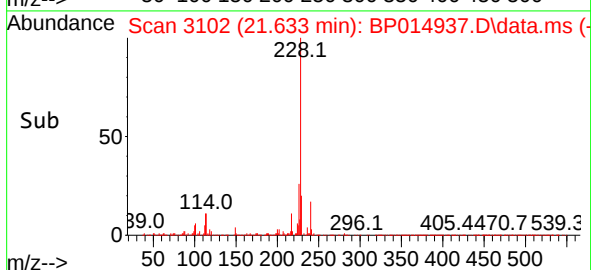
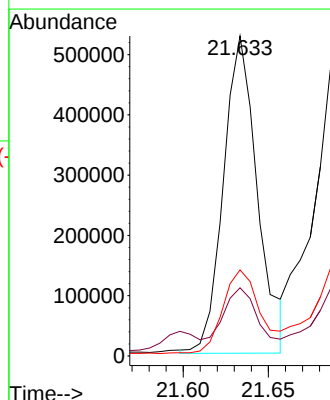
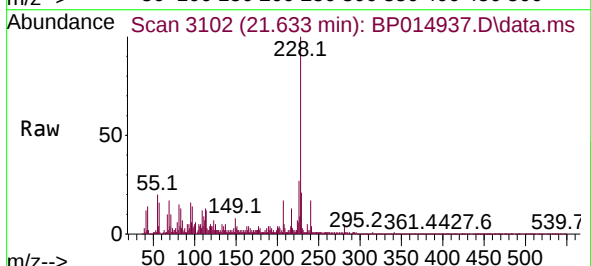
RT: 21.633 min Scan# 3102

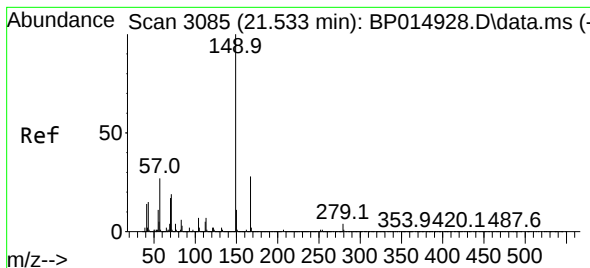
Delta R.T. -0.000 min

Lab File: BP014937.D

Acq: 03 May 2023 19:10

Tgt Ion:	228	Resp:	731527
Ion Ratio	Lower	Upper	
228	100		
229	21.3	15.9	23.9
226	26.9	22.1	33.1





#86

Bis(2-ethylhexyl)phthalate

Concen: 115.924 ng/ul

RT: 21.539 min Scan# 3085

Delta R.T. 0.006 min

Lab File: BP014937.D

Acq: 03 May 2023 19:10

Instrument :

BNA_P

ClientSampleId :

EW931

Tgt Ion:149 Resp: 302742

Ion Ratio Lower Upper

149 100

167 28.1 22.0 33.0

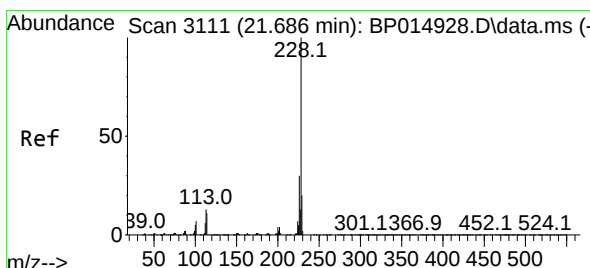
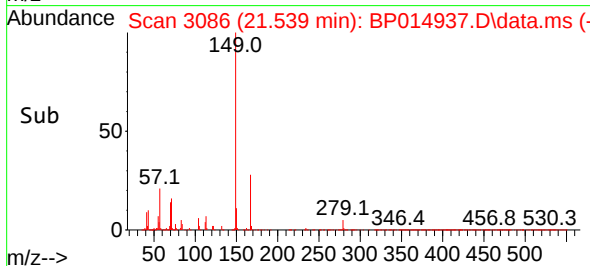
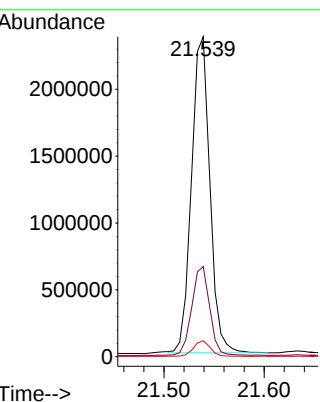
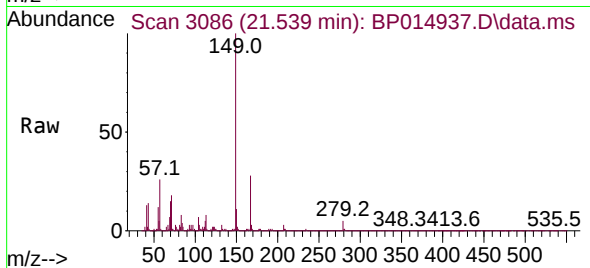
279 4.9 2.9 4.3

Manual Integrations

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Reviewed By :Christian Giraldo 05/04/2023

Supervised By :Jagrut Upadhyay 05/04/2023



#87

Chrysene

Concen: 14.762 ng/ul

RT: 21.686 min Scan# 3111

Delta R.T. -0.000 min

Lab File: BP014937.D

Acq: 03 May 2023 19:10

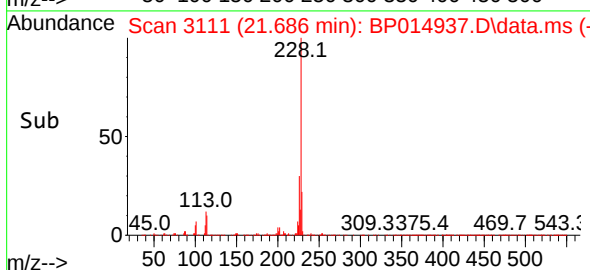
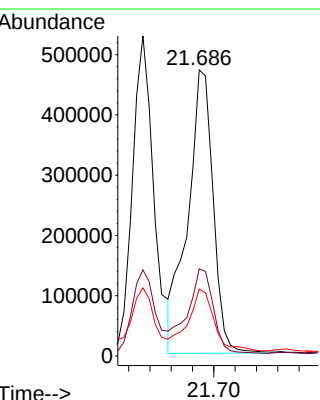
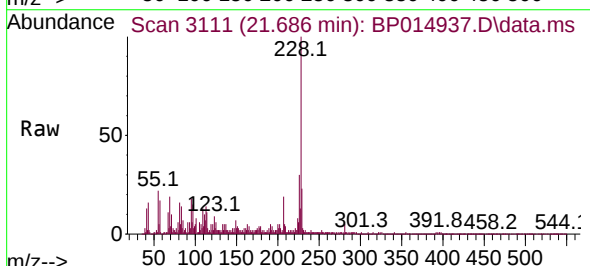
Tgt Ion:228 Resp: 782198

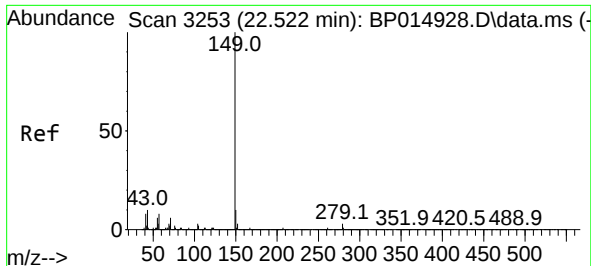
Ion Ratio Lower Upper

228 100

226 30.4 24.3 36.5

229 23.4 15.8 23.8





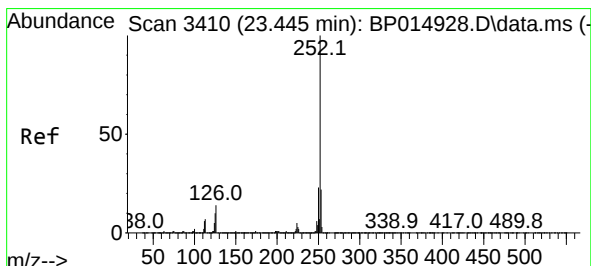
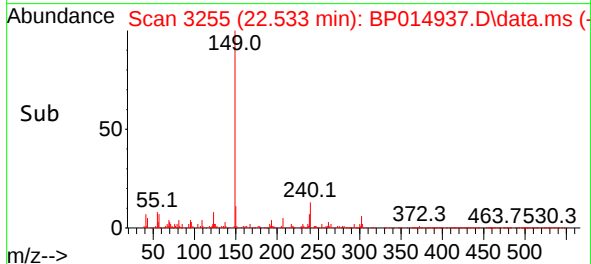
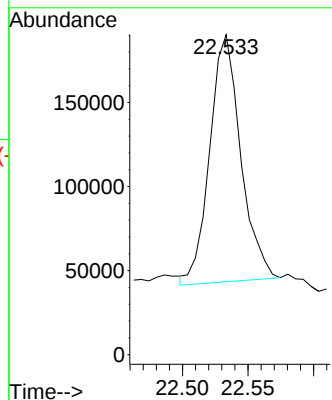
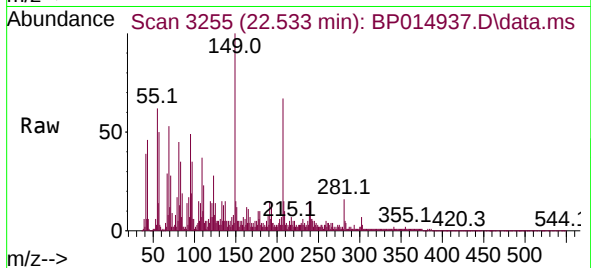
#89
Di-n-octyl phthalate
Concen: 4.175 ng/ul
RT: 22.533 min Scan# 31
Delta R.T. 0.012 min
Lab File: BP014937.D
Acq: 03 May 2023 19:10

Instrument :
BNA_P
ClientSampleId :
EW931

Tgt Ion:149 Resp: 24167

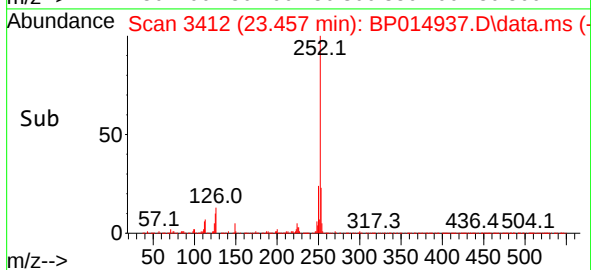
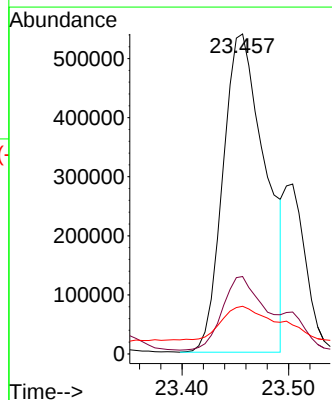
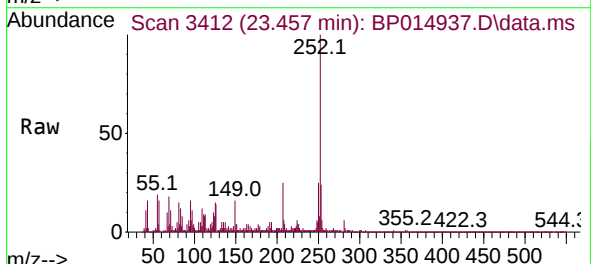
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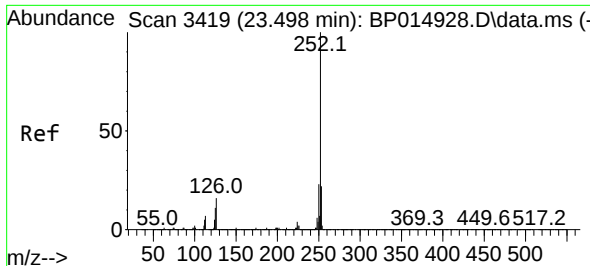
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#90
Benzo(b)fluoranthene
Concen: 23.341 ng/ul
RT: 23.457 min Scan# 3412
Delta R.T. 0.012 min
Lab File: BP014937.D
Acq: 03 May 2023 19:10

Tgt Ion:252 Resp: 1495625
Ion Ratio Lower Upper
252 100
253 24.2 17.4 26.2
125 14.9 8.4 12.6#





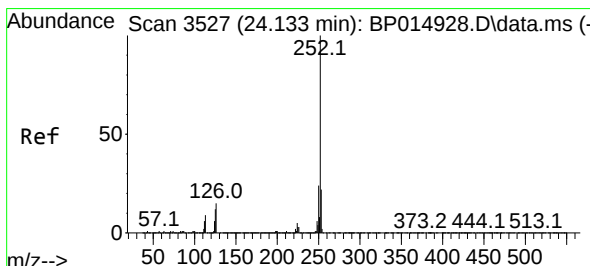
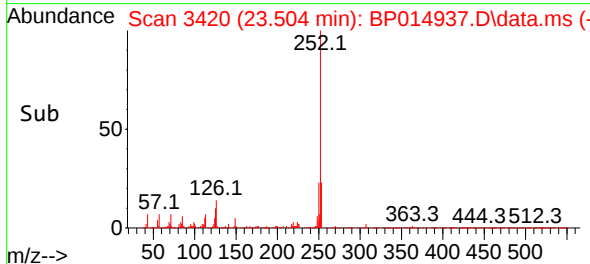
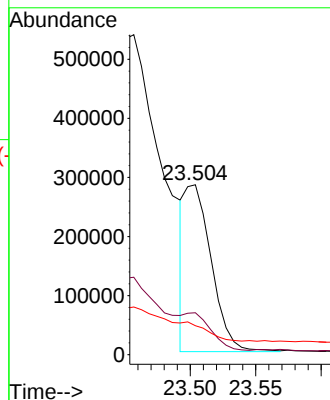
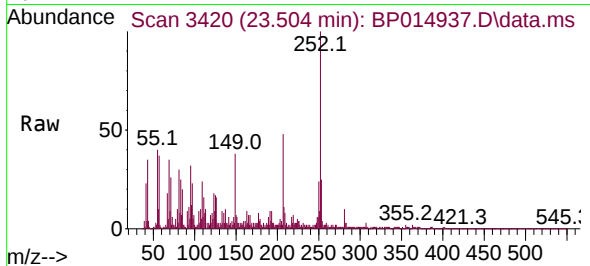
#91
Benzo(k)fluoranthene
Concen: 6.069 ng/ul m
RT: 23.504 min Scan# 3419
Delta R.T. 0.006 min
Lab File: BP014937.D
Acq: 03 May 2023 19:10

Instrument :
BNA_P
ClientSampleId :
EW931

Tgt Ion:252 Resp: 395807
Ion Ratio Lower Upper
252 100
253 24.7 17.8 26.6
125 17.1 8.9 13.3

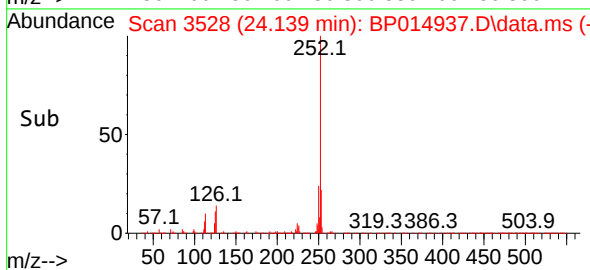
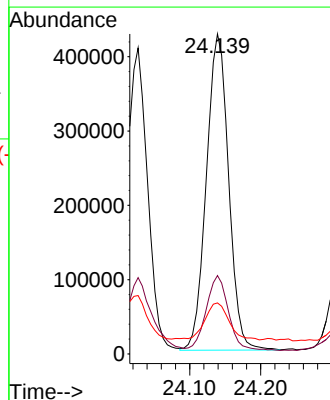
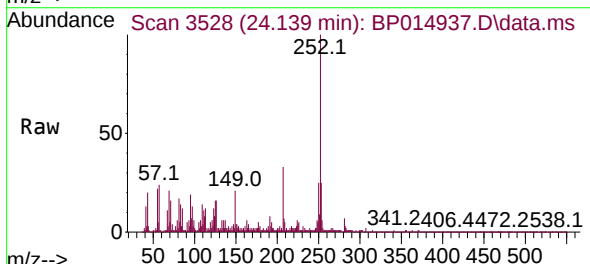
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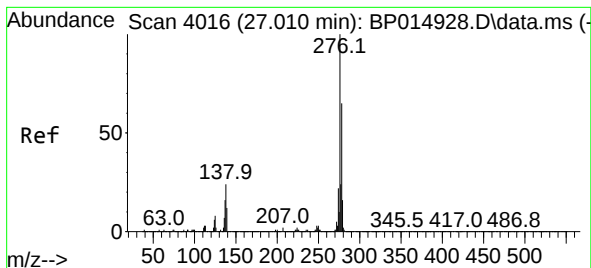
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#93
Benzo(a)pyrene
Concen: 16.494 ng/ul
RT: 24.139 min Scan# 3528
Delta R.T. 0.006 min
Lab File: BP014937.D
Acq: 03 May 2023 19:10

Tgt Ion:252 Resp: 926876
Ion Ratio Lower Upper
252 100
253 24.5 17.5 26.3
125 15.9 9.4 14.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 13.496 ng/ul

RT: 27.021 min Scan# 4018

Delta R.T. 0.012 min

Lab File: BP014937.D

Acq: 03 May 2023 19:10

Instrument :

BNA_P

ClientSampleId :

EW931

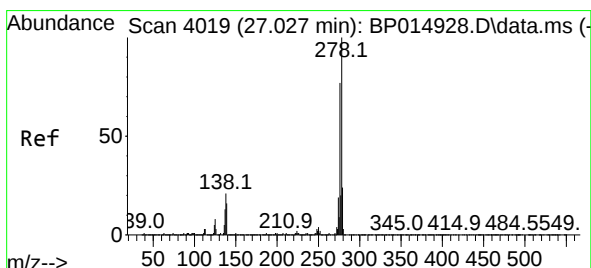
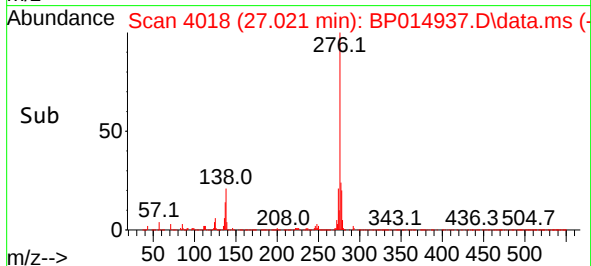
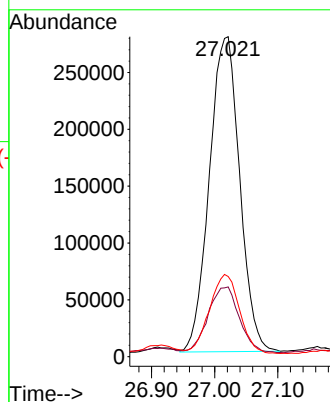
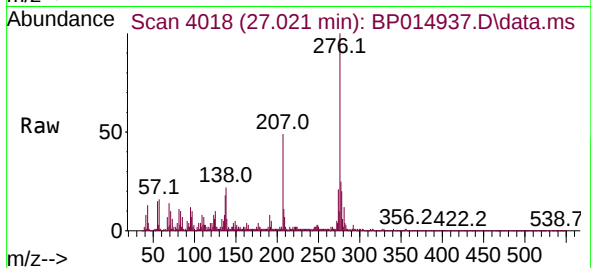
Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.8	19.4	29.0
277	25.0	19.4	29.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/04/2023

Supervised By :Jagrut Upadhyay 05/04/2023



#95

Dibenzo(a,h)anthracene

Concen: 4.039 ng/ul

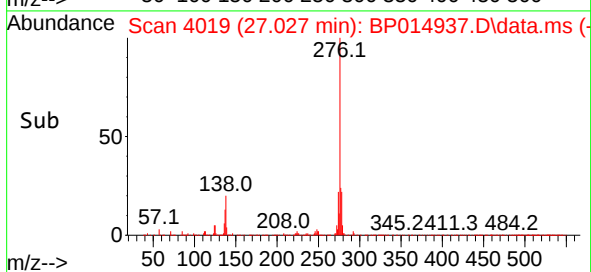
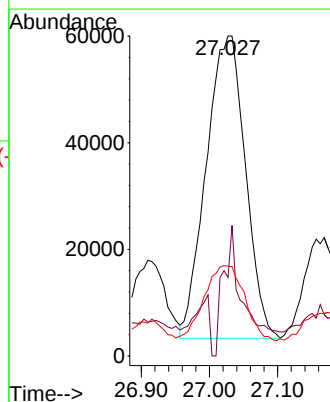
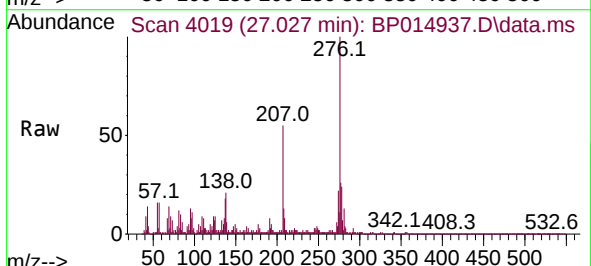
RT: 27.027 min Scan# 4019

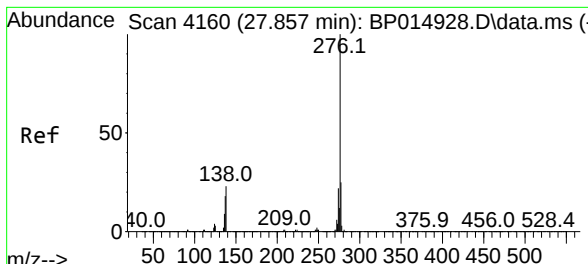
Delta R.T. -0.000 min

Lab File: BP014937.D

Acq: 03 May 2023 19:10

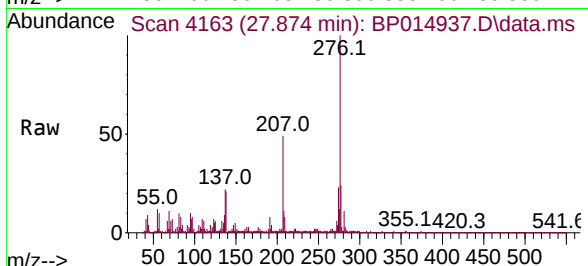
Tgt Ion	Ratio	Lower	Upper
278	100		
139	24.6	12.9	19.3
279	28.0	19.0	28.6





#96
 Benzo(g,h,i)perylene
 Concen: 17.724 ng/ul
 RT: 27.874 min Scan# 4163
 Delta R.T. 0.018 min
 Lab File: BP014937.D
 Acq: 03 May 2023 19:10

Instrument : BNA_P
 ClientSampleId : EW931



Tgt Ion: 276 Resp: 103405

Ion	Ratio	Lower	Upper
276	100		
138	21.2	18.0	27.0
277	23.6	19.8	29.8

Manual Integrations
APPROVED
 Reviewed By : Christian Giraldo 05/04/2023
 Supervised By : Jagrut Upadhyay 05/04/2023

