

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050323\
 Data File : BP014936.D
 Acq On : 03 May 2023 18:37
 Operator : CG/JU
 Sample : 02419-35
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW930

Quant Time: May 04 06:42:44 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.163	152	282051	20.000	ng/u1	0.00
20) Naphthalene-d8	10.999	136	1204361	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.810	164	671257	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.563	188	1191011	20.000	ng/u1	0.00
79) Chrysene-d12	21.645	240	894973	20.000	ng/u1	0.00
88) Perylene-d12	24.251	264	1118179	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.464	96	18225	2.403	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.305	99	275281	11.257	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.481	67	202463	13.395	ng/u1	0.00
11) 2-Chlorophenol-d4	7.687	132	232472	12.929	ng/u1	0.00
15) 4-Methylphenol-d8	8.869	113	147575	7.831	ng/u1	0.00
21) Nitrobenzene-d5	9.340	128	102391	11.954	ng/u1	0.00
24) 2-Nitrophenol-d4	10.069	143	104577	11.890	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.610	165	194640	11.270	ng/u1	0.00
31) 4-Chloroaniline-d4	11.134	131	162705	6.513	ng/u1	0.00
46) Dimethylphthalate-d6	14.210	166	653048	13.746	ng/u1	0.00
49) Acenaphthylene-d8	14.504	160	769182	13.500	ng/u1	0.00
54) 4-Nitrophenol-d4	14.987	143	19050	2.305	ng/u1	0.00
60) Fluorene-d10	15.798	176	552173	13.510	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.910	200	39177	5.843	ng/u1	0.00
73) Anthracene-d10	17.663	188	709527	13.259	ng/u1	0.00
81) Pyrene-d10	19.880	212	821958	13.617	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.074	264	834840	15.323	ng/u1	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.999	105	53521	1.737	ng/u1	98
72) Phenanthrene	17.604	178	483824	7.353	ng/u1	99
74) Anthracene	17.698	178	100587	1.535	ng/u1	99
80) Fluoranthene	19.557	202	872206	11.776	ng/u1	98
82) Pyrene	19.910	202	738596	9.412	ng/u1	97
85) Benzo(a)anthracene	21.627	228	368040	6.161	ng/u1	100
86) Bis(2-ethylhexyl)phtha...	21.533	149	101911	3.438	ng/u1	98
87) Chrysene	21.686	228	368989	6.135	ng/u1	99
90) Benzo(b)fluoranthene	23.445	252	557000	7.708	ng/u1	97
91) Benzo(k)fluoranthene	23.486	252	173710m	2.362	ng/u1	
93) Benzo(a)pyrene	24.127	252	364879	5.757	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.998	276	277784	3.593	ng/u1	95
95) Dibenzo(a,h)anthracene	27.015	278	68510m	1.081	ng/u1	
96) Benzo(g,h,i)perylene	27.845	276	269069	4.089	ng/u1	99

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

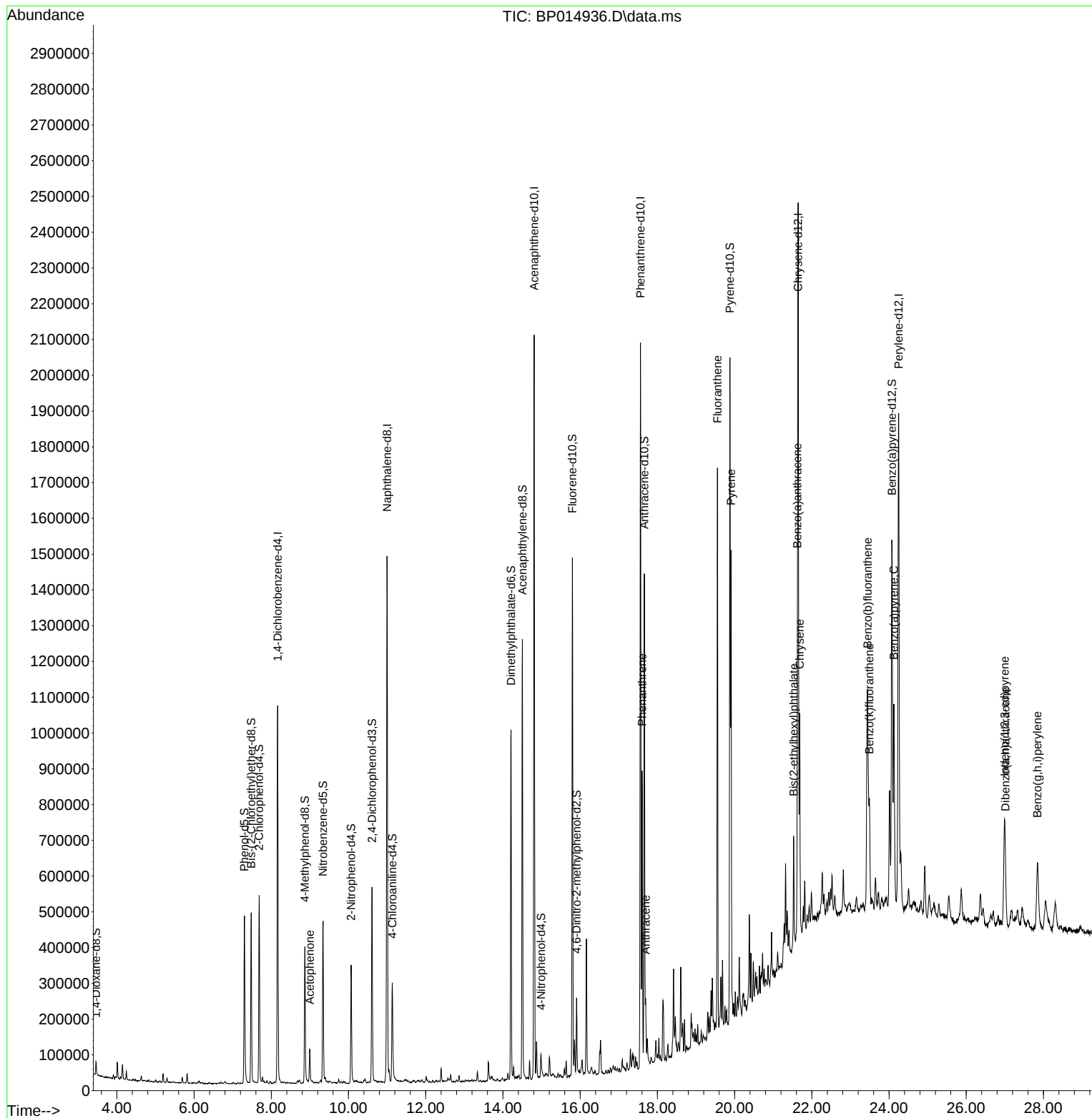
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050323\
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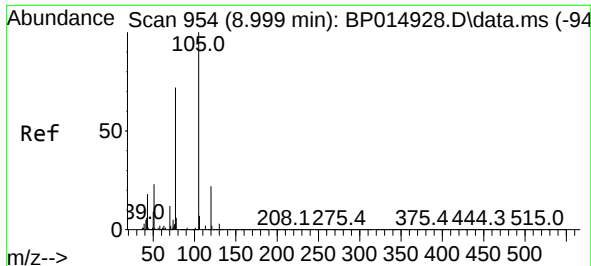
Instrument :
 BNA_P
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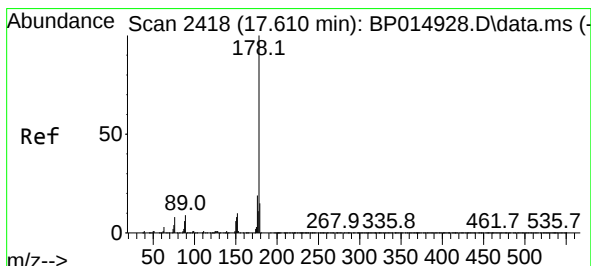
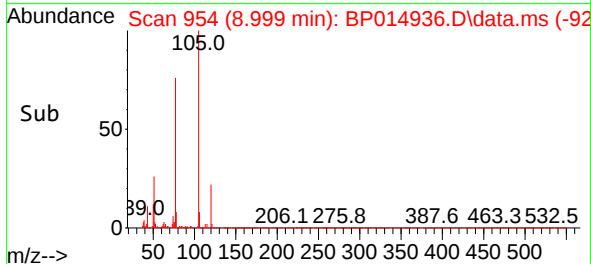
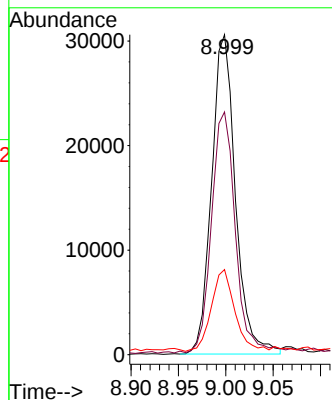
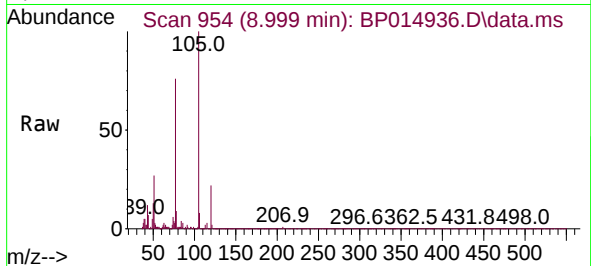
#16
Acetophenone
Concen: 1.737 ng/ul
RT: 8.999 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP014936.D
Acq: 03 May 2023 18:37

Instrument :
BNA_P
ClientSampleId :
EW930

Tgt Ion:	105	Resp:	5352
Ion Ratio	Lower	Upper	
105	100		
77	75.9	61.2	91.8
51	26.6	19.4	29.2

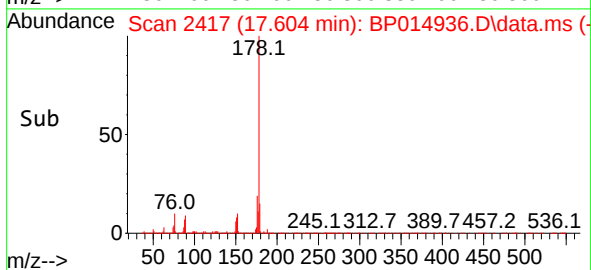
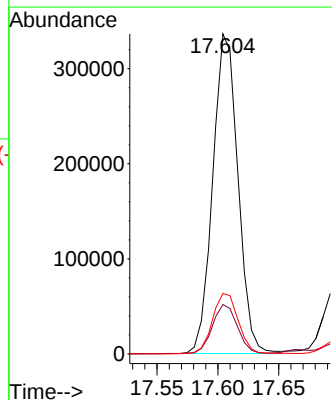
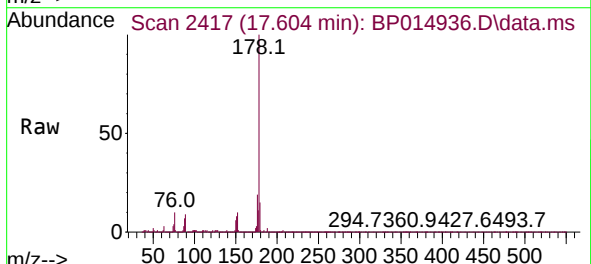
Manual Integrations
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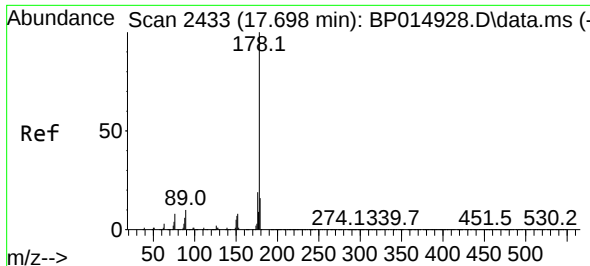
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#72
Phenanthrene
Concen: 7.353 ng/ul
RT: 17.604 min Scan# 2417
Delta R.T. -0.006 min
Lab File: BP014936.D
Acq: 03 May 2023 18:37

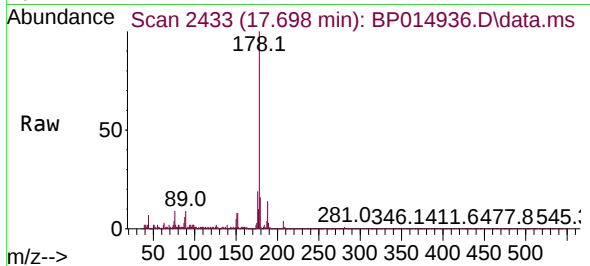
Tgt Ion:	178	Resp:	483824
Ion Ratio	Lower	Upper	
178	100		
179	15.4	12.2	18.4
176	18.9	15.4	23.0





#74
 Anthracene
 Concen: 1.535 ng/ul
 RT: 17.698 min Scan# 2433
 Delta R.T. -0.000 min
 Lab File: BP014936.D
 Acq: 03 May 2023 18:37

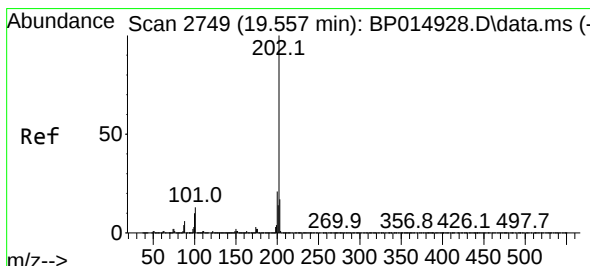
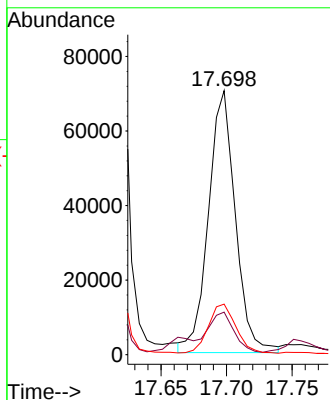
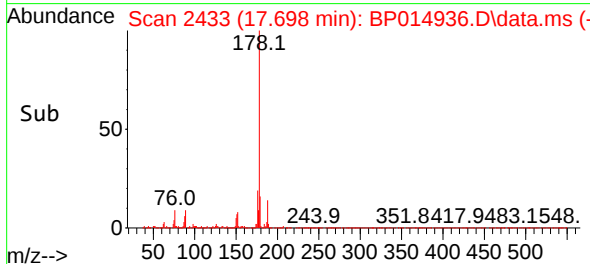
Instrument :
 BNA_P
 ClientSampleId :
 EW930



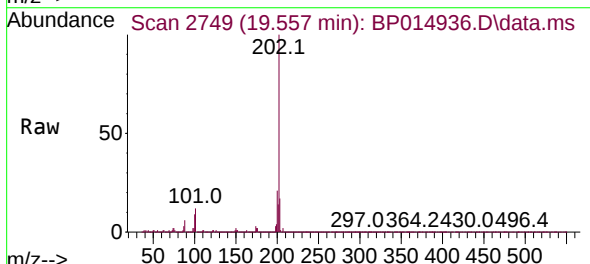
Tgt Ion:178 Resp: 10058
 Ion Ratio Lower Upper
 178 100
 179 16.1 12.6 18.8
 176 19.2 15.0 22.4

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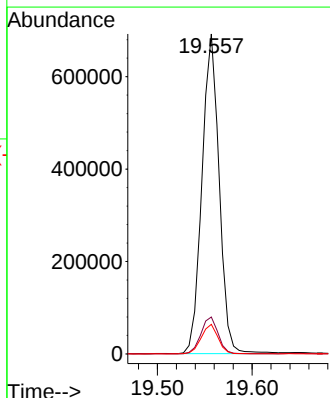
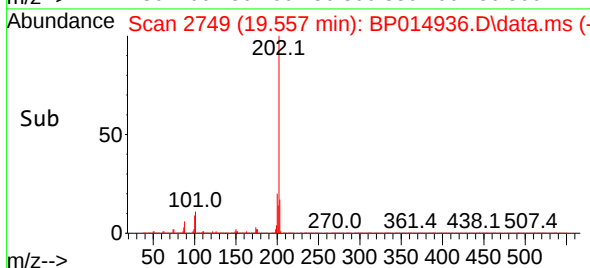
Reviewed By :Christian Giraldo 05/04/2023
 Supervised By :Jagrut Upadhyay 05/04/2023

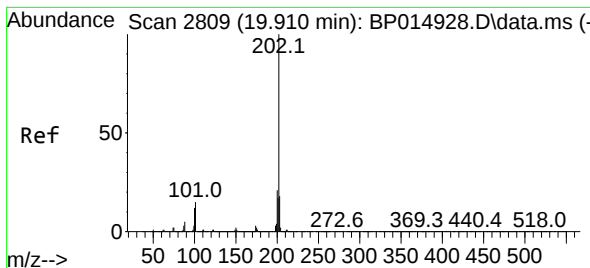


#80
 Fluoranthene
 Concen: 11.776 ng/ul
 RT: 19.557 min Scan# 2749
 Delta R.T. -0.000 min
 Lab File: BP014936.D
 Acq: 03 May 2023 18:37



Tgt Ion:202 Resp: 872206
 Ion Ratio Lower Upper
 202 100
 101 11.6 10.1 15.1
 100 9.2 7.7 11.5





#82

Pyrene

Concen: 9.412 ng/ul

RT: 19.910 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP014936.D

Acq: 03 May 2023 18:37

Instrument :

BNA_P

ClientSampleId :

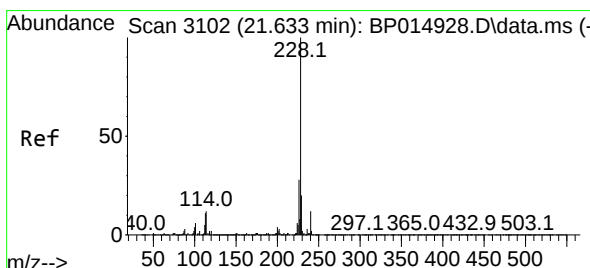
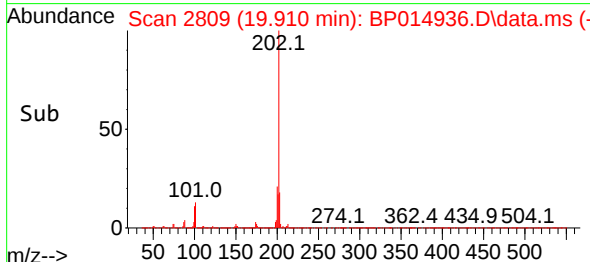
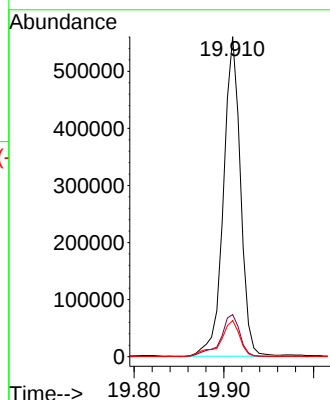
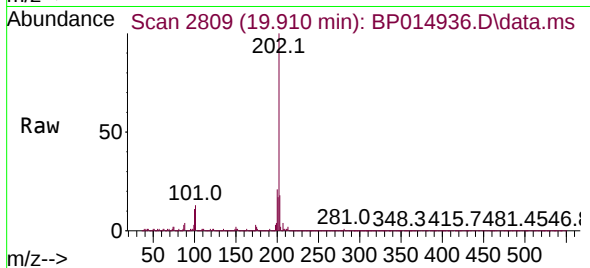
EW930

Tgt Ion:	202	Resp:	738590
Ion Ratio	Lower	Upper	
202	100		
101	13.2	11.9	17.9
100	11.3	9.7	14.5

Manual Integrations

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



#85

Benzo(a)anthracene

Concen: 6.161 ng/ul

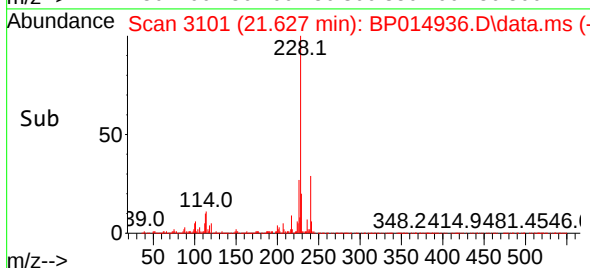
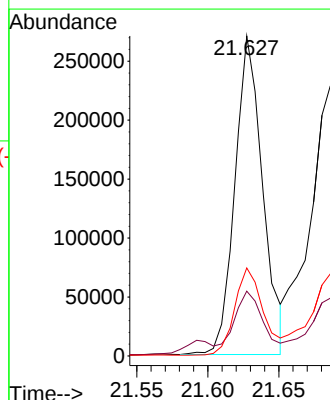
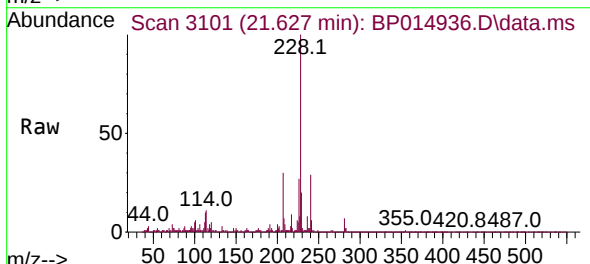
RT: 21.627 min Scan# 3101

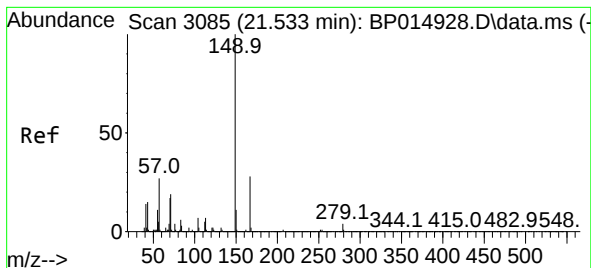
Delta R.T. -0.006 min

Lab File: BP014936.D

Acq: 03 May 2023 18:37

Tgt Ion:	228	Resp:	368040
Ion Ratio	Lower	Upper	
228	100		
229	20.2	15.9	23.9
226	27.5	22.1	33.1





#86

Bis(2-ethylhexyl)phthalate

Concen: 3.438 ng/ul

RT: 21.533 min Scan# 3085

Delta R.T. -0.000 min

Lab File: BP014936.D

Acq: 03 May 2023 18:37

Instrument :

BNA_P

ClientSampleId :

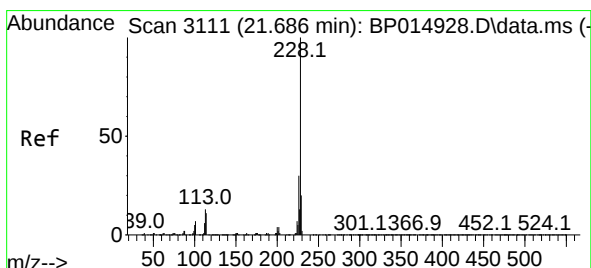
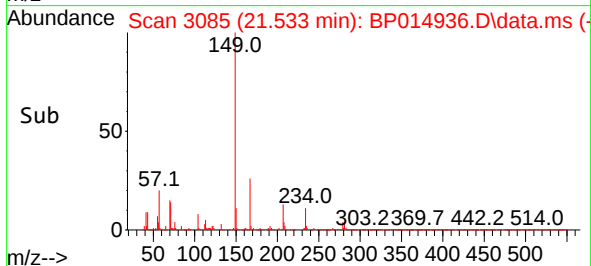
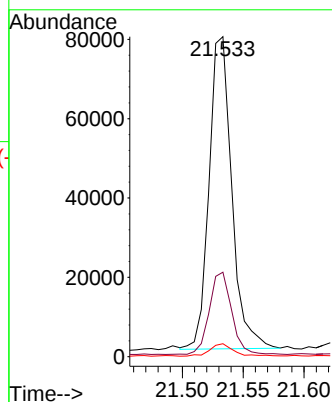
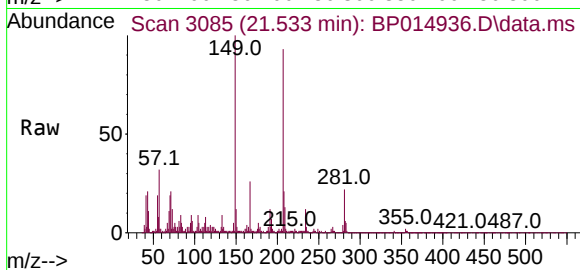
EW930

Tgt Ion:	149	Resp:	10191
Ion Ratio	Lower	Upper	
149	100		
167	26.4	22.0	33.0
279	4.0	2.9	4.3

Manual Integrations

APPROVED

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



#87

Chrysene

Concen: 6.135 ng/ul

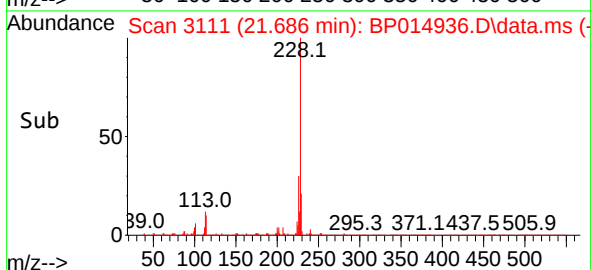
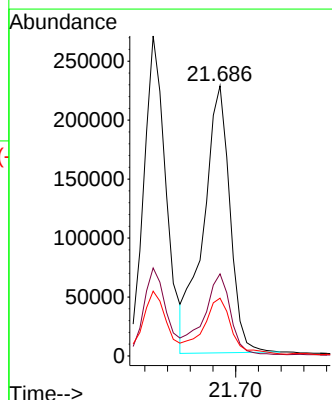
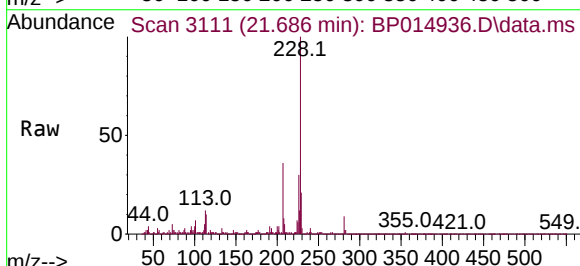
RT: 21.686 min Scan# 3111

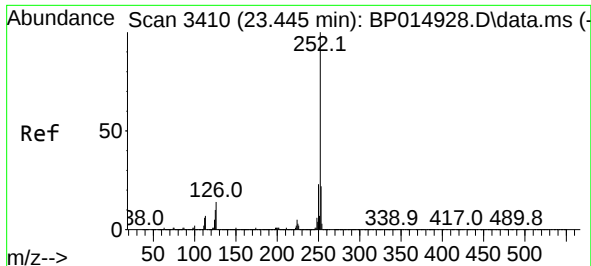
Delta R.T. -0.000 min

Lab File: BP014936.D

Acq: 03 May 2023 18:37

Tgt Ion:	228	Resp:	368989
Ion Ratio	Lower	Upper	
228	100		
226	30.4	24.3	36.5
229	21.4	15.8	23.8





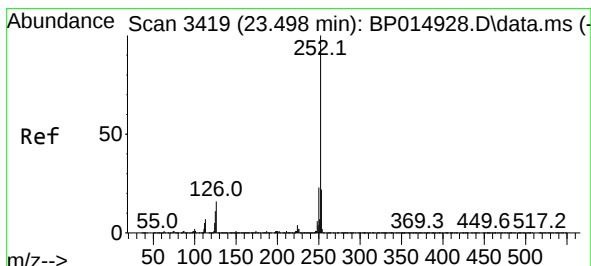
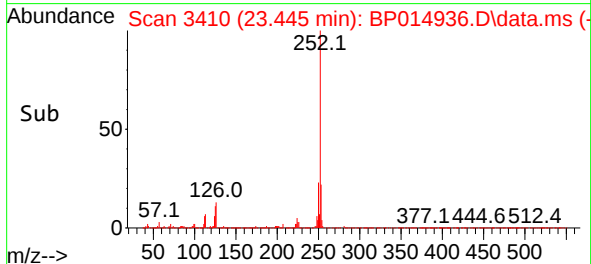
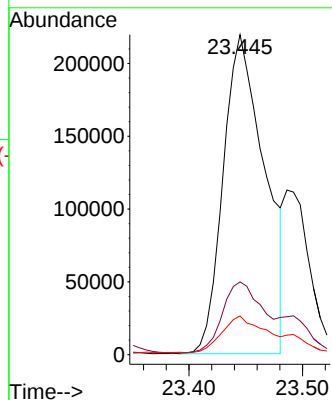
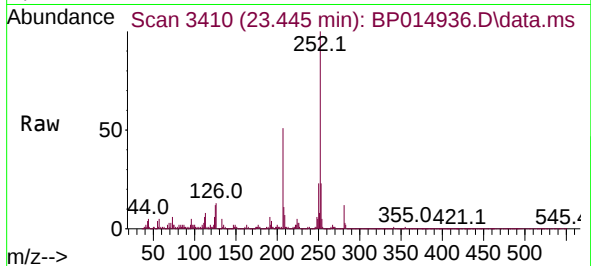
#90
Benzo(b)fluoranthene
Concen: 7.708 ng/ul
RT: 23.445 min Scan# 3410
Delta R.T. -0.000 min
Lab File: BP014936.D
Acq: 03 May 2023 18:37

Instrument : BNA_P
ClientSampleId : EW930

Tgt Ion:252 Resp: 557000
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.2
125 12.1 8.4 12.6

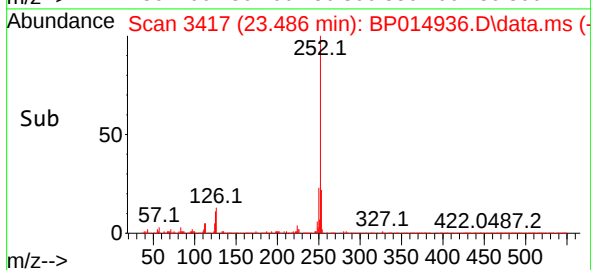
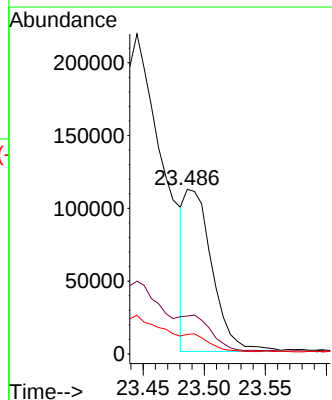
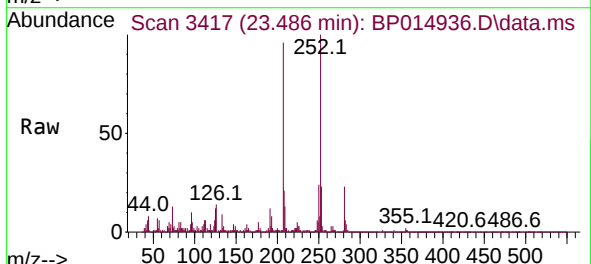
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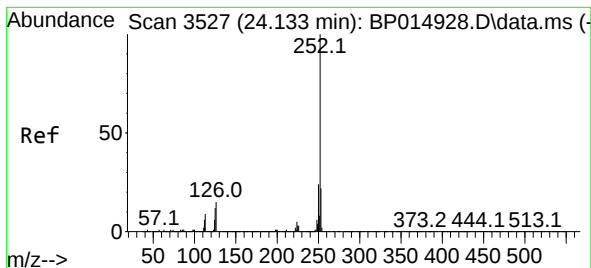
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#91
Benzo(k)fluoranthene
Concen: 2.362 ng/ul m
RT: 23.486 min Scan# 3417
Delta R.T. -0.012 min
Lab File: BP014936.D
Acq: 03 May 2023 18:37

Tgt Ion:252 Resp: 173710
Ion Ratio Lower Upper
252 100
253 23.1 17.8 26.6
125 11.9 8.9 13.3





#93

Benzo(a)pyrene

Concen: 5.757 ng/ul

RT: 24.127 min Scan# 3527

Delta R.T. -0.006 min

Lab File: BP014936.D

Acq: 03 May 2023 18:37

Instrument :

BNA_P

ClientSampleId :

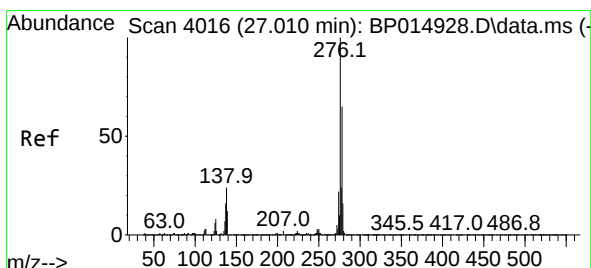
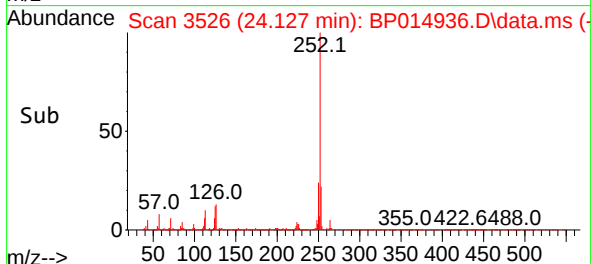
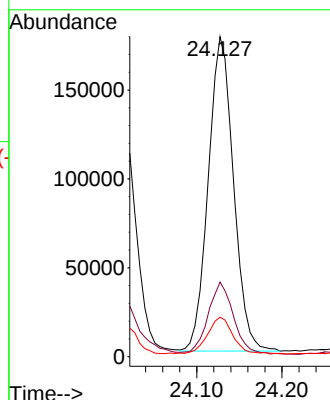
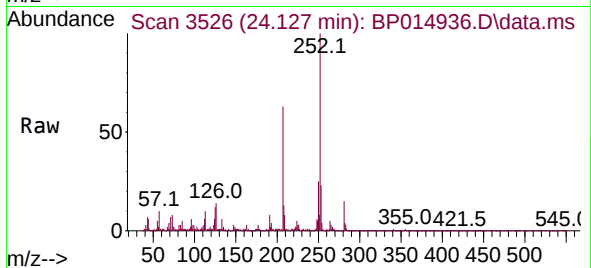
EW930

Tgt Ion:	252	Resp:	364879
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.5	26.3
125	12.3	9.4	14.2

Manual Integrations

APPROVED

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Supervised By :Jagrut Upadhyay 05/04/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 3.593 ng/ul

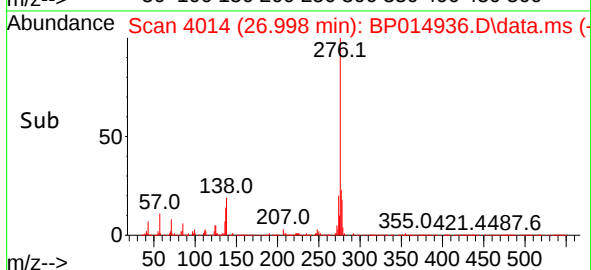
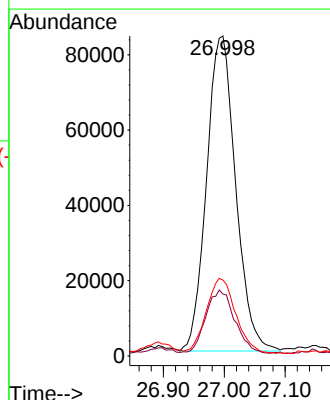
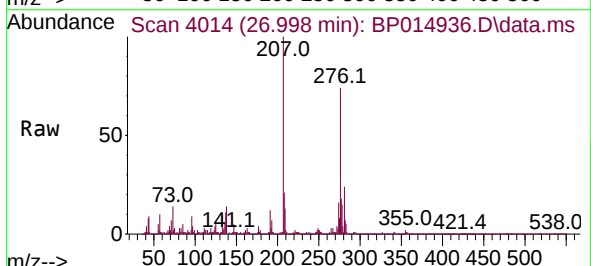
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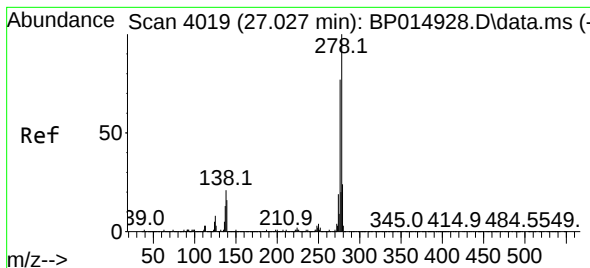
Delta R.T. -0.012 min

Lab File: BP014936.D

Acq: 03 May 2023 18:37

Tgt Ion:	276	Resp:	277784
Ion Ratio	Lower	Upper	
276	100		
138	19.4	19.4	29.0
277	23.7	19.4	29.2





#95

Dibenzo(a,h)anthracene

Concen: 1.081 ng/ul m

RT: 27.015 min Scan# 4019

Delta R.T. -0.012 min

Lab File: BP014936.D

Acq: 03 May 2023 18:37

Instrument :

BNA_P

ClientSampleId :

EW930

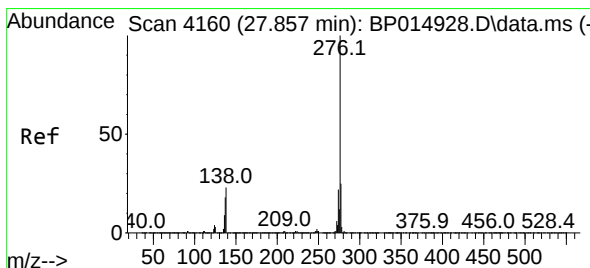
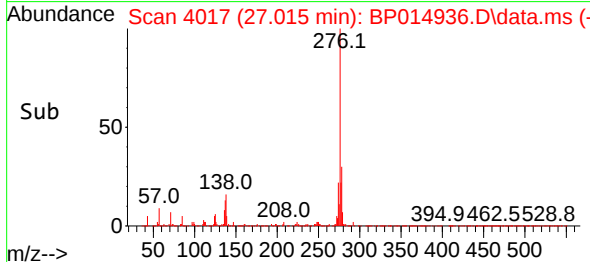
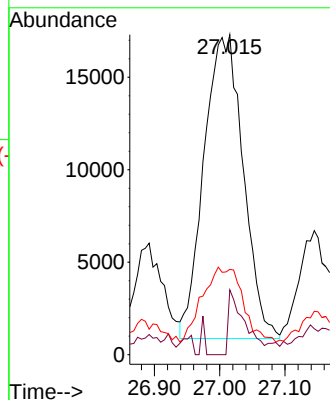
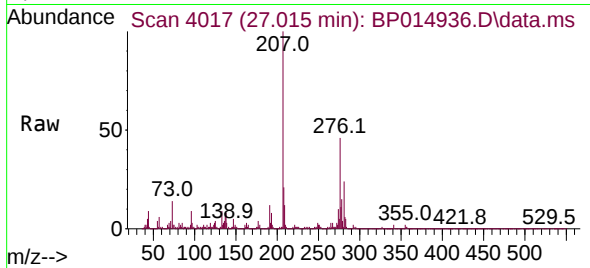
Tgt Ion:	278	Resp:	68510
Ion Ratio	Lower	Upper	
278	100		
139	20.3	12.9	19.3
279	26.6	19.0	28.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/04/2023

Supervised By :Jagrut Upadhyay 05/04/2023



#96

Benzo(g,h,i)perylene

Concen: 4.089 ng/ul

RT: 27.845 min Scan# 4158

Delta R.T. -0.012 min

Lab File: BP014936.D

Acq: 03 May 2023 18:37

Tgt Ion:	276	Resp:	269069
Ion Ratio	Lower	Upper	
276	100		
138	21.8	18.0	27.0
277	25.0	19.8	29.8

