

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042623\
 Data File : BP014837.D
 Acq On : 26 Apr 2023 13:16
 Operator : CG/JU
 Sample : 02418-25
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW8Z9

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/27/2023
 Supervised By : Jagrut Upadhyay 04/27/2023

Quant Time: Apr 26 23:14:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 26 02:53:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.205	152	355902	20.000	ng/ul	0.00
20) Naphthalene-d8	11.034	136	1503447	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.834	164	894026	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.581	188	1737606	20.000	ng/ul	0.00
79) Chrysene-d12	21.651	240	952072	20.000	ng/ul	0.00
88) Perylene-d12	24.257	264	1073322	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.511	96	23818	2.631	ng/uL	0.00
4) Pyridine-d5	3.946	84	182242	6.942	ng/ul	0.00
7) Phenol-d5	7.340	99	598778	18.507	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.516	67	354274	18.221	ng/ul	0.00
11) 2-Chlorophenol-d4	7.728	132	461343	19.311	ng/ul	0.00
15) 4-Methylphenol-d8	8.905	113	417249	16.056	ng/ul	0.00
21) Nitrobenzene-d5	9.375	128	230398	20.472	ng/ul	0.00
24) 2-Nitrophenol-d4	10.105	143	259155	22.403	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.646	165	489483	20.358	ng/ul	0.00
31) 4-Chloroaniline-d4	11.163	131	491864	14.256	ng/ul	0.00
46) Dimethylphthalate-d6	14.234	166	1477710	21.301	ng/ul	0.00
49) Acenaphthylene-d8	14.528	160	1724243	21.680	ng/ul	0.00
54) 4-Nitrophenol-d4	15.004	143	174394	13.799	ng/ul	0.00
60) Fluorene-d10	15.822	176	1258076	21.301	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.928	200	78188	8.109	ng/ul	0.00
73) Anthracene-d10	17.681	188	1835657	22.498	ng/ul	0.00
81) Pyrene-d10	19.892	212	1704775	29.452	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.086	264	1300467	23.371	ng/ul	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	9.028	105	124738	3.068	ng/ul	99
30) Naphthalene	11.087	128	95252	1.145	ng/ul	99
52) Acenaphthene	14.893	153	173342	2.936	ng/ul	99
56) Dibenzofuran	15.228	168	125296	1.507	ng/ul	100
61) Fluorene	15.875	166	192930	2.942	ng/ul	100
72) Phenanthrene	17.628	178	3133018	32.925	ng/ul	100
74) Anthracene	17.716	178	693908	7.233	ng/ul	99
77) Carbazole	17.975	167	291311	3.568	ng/ul	100
78) Di-n-butylphthalate	18.510	149	112179	1.158	ng/ul#	99
80) Fluoranthene	19.569	202	4494093	65.880	ng/ul	98
82) Pyrene	19.922	202	3856301	54.658	ng/ul	99
85) Benzo(a)anthracene	21.639	228	1552681	23.443	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.533	149	49033	1.395	ng/ul#	92
87) Chrysene	21.692	228	1502176	23.925	ng/ul	98
90) Benzo(b)fluoranthene	23.457	252	1989722	27.069	ng/ul	97
91) Benzo(k)fluoranthene	23.504	252	577406m	8.099	ng/ul	
93) Benzo(a)pyrene	24.139	252	1402558	22.528	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.015	276	1019729	14.525	ng/ul	97
95) Dibenzo(a,h)anthracene	27.027	278	259994	4.440	ng/ul#	82
96) Benzo(g,h,i)perylene	27.868	276	909808	16.357	ng/ul	99

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

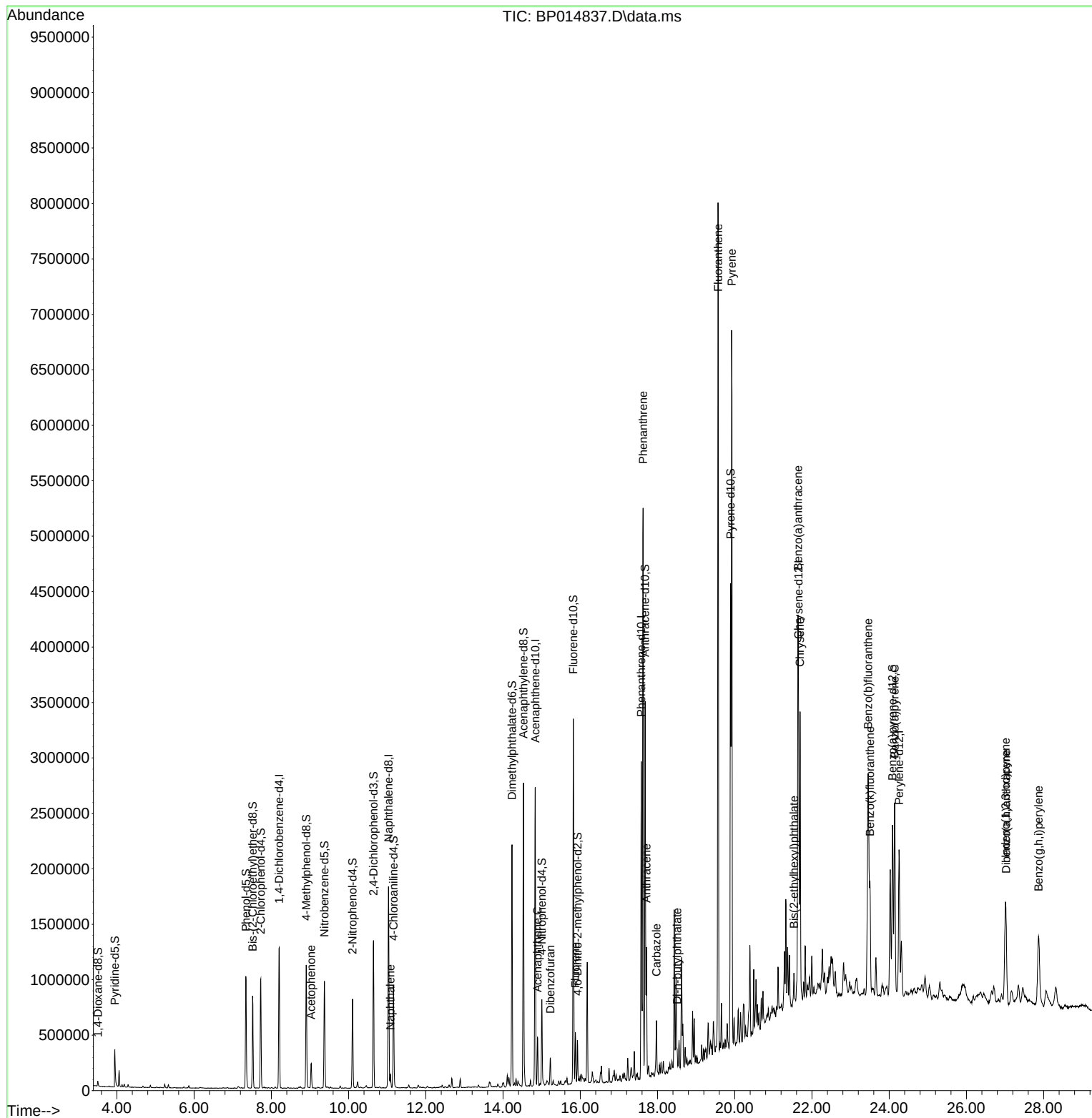
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042623\
Data File : BP014837.D
Acq On : 26 Apr 2023 13:16
Operator : CG/JU
Sample : 02418-25
Misc :
ALS Vial : 9 Sample Multiplier: 1

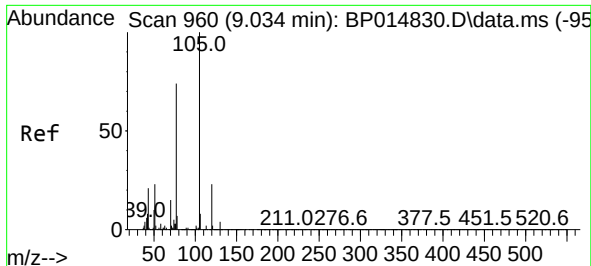
Instrument :
BNA_P
ClientSampleId :
EW8Z9

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 04/27/2023
Supervised By : Jagrut Upadhyay 04/27/2023

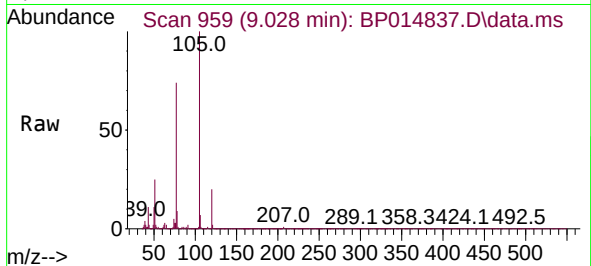
Quant Time: Apr 26 23:14:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 26 02:53:24 2023
Response via : Initial Calibration





#16
Acetophenone
Concen: 3.068 ng/ul
RT: 9.028 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP014837.D
Acq: 26 Apr 2023 13:16

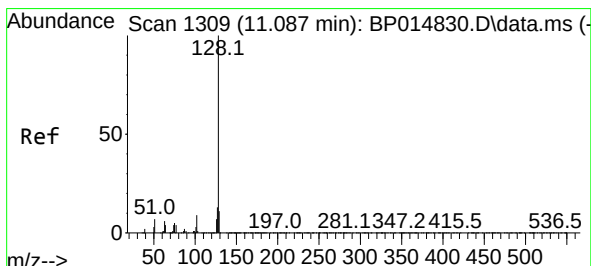
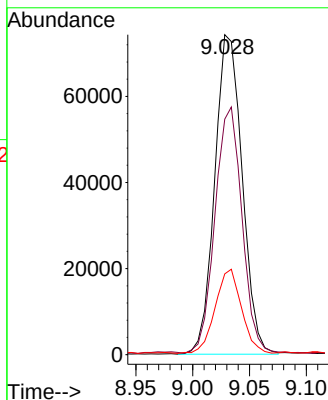
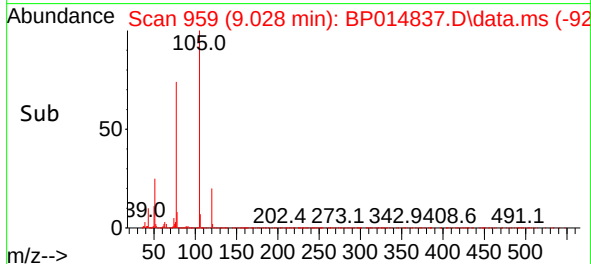
Instrument :
BNA_P
ClientSampleId :
EW8Z9



Tgt Ion:105 Resp: 124738
Ion Ratio Lower Upper
105 100
77 73.6 59.8 89.8
51 25.2 19.6 29.4

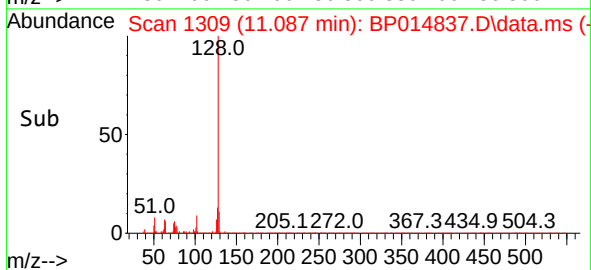
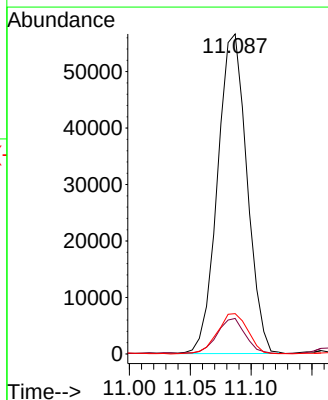
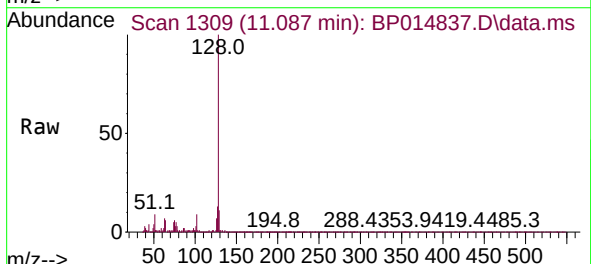
Manual Integrations
APPROVED

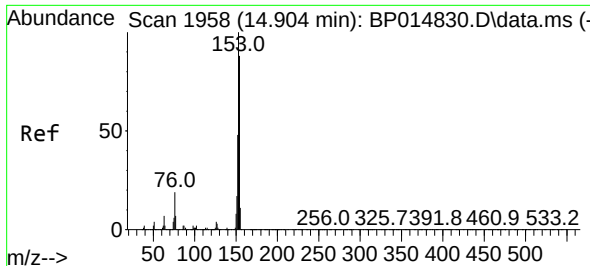
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023



#30
Naphthalene
Concen: 1.145 ng/ul
RT: 11.087 min Scan# 1309
Delta R.T. 0.006 min
Lab File: BP014837.D
Acq: 26 Apr 2023 13:16

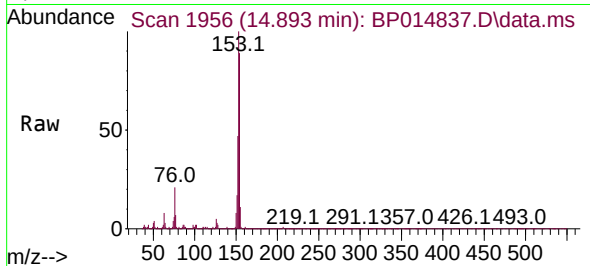
Tgt Ion:128 Resp: 95252
Ion Ratio Lower Upper
128 100
129 11.1 9.1 13.7
127 12.6 10.6 16.0





#52
Acenaphthene
Concen: 2.936 ng/ul
RT: 14.893 min Scan# 1958
Delta R.T. 0.000 min
Lab File: BP014837.D
Acq: 26 Apr 2023 13:16

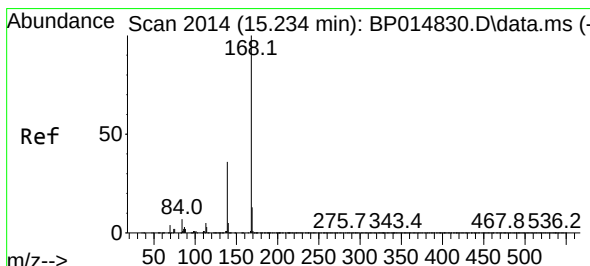
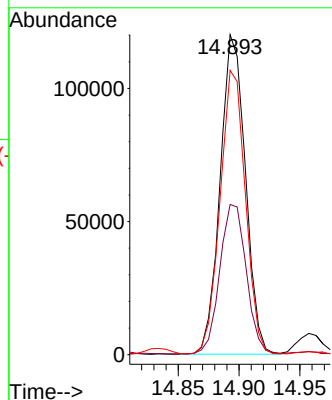
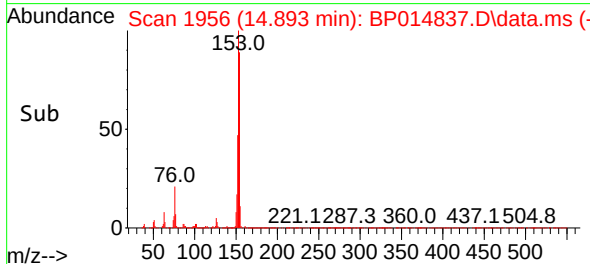
Instrument :
BNA_P
ClientSampleId :
EW8Z9



Tgt Ion:153 Resp: 17334
Ion Ratio Lower Upper
153 100
152 47.0 38.2 57.4
154 88.8 71.0 106.4

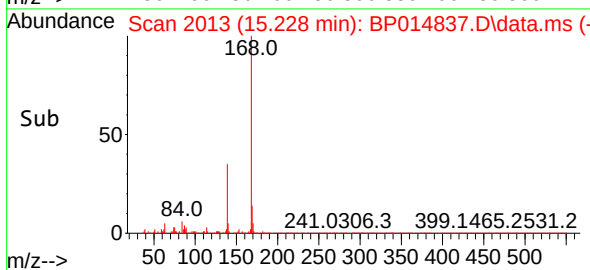
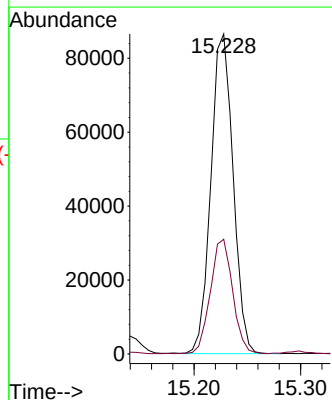
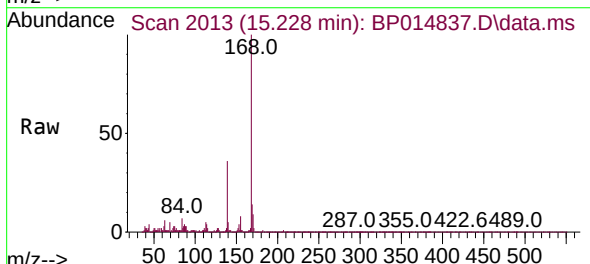
Manual Integrations
APPROVED

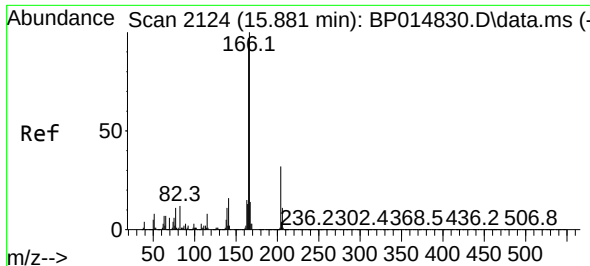
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023



#56
Dibenzofuran
Concen: 1.507 ng/ul
RT: 15.228 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BP014837.D
Acq: 26 Apr 2023 13:16

Tgt Ion:168 Resp: 125296
Ion Ratio Lower Upper
168 100
139 35.9 28.7 43.1





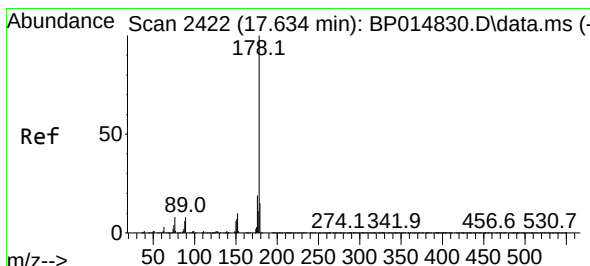
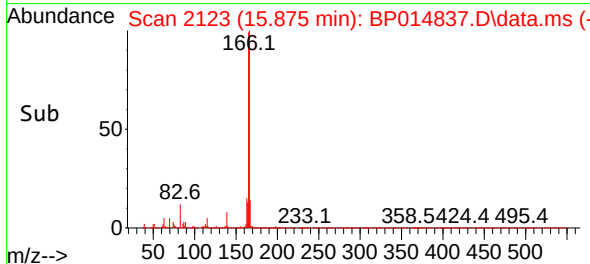
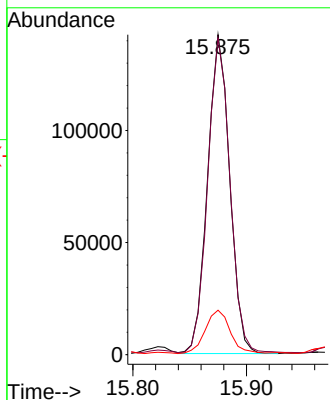
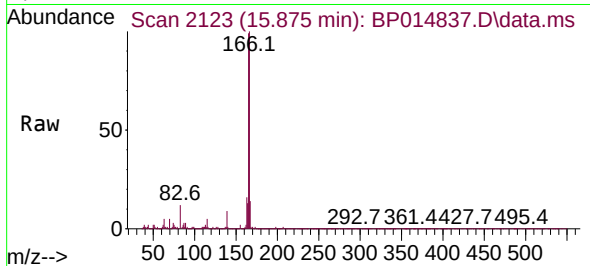
#61
Fluorene
Concen: 2.942 ng/ul
RT: 15.875 min Scan# 2124
Delta R.T. 0.000 min
Lab File: BP014837.D
Acq: 26 Apr 2023 13:16

Instrument :
BNA_P
ClientSampleId :
EW8Z9

Tgt Ion:166 Resp: 192930
Ion Ratio Lower Upper
166 100
165 98.9 79.1 118.7
167 13.9 10.7 16.1

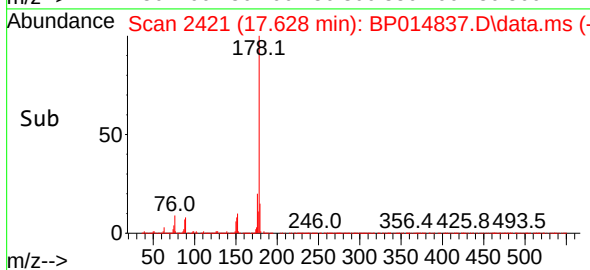
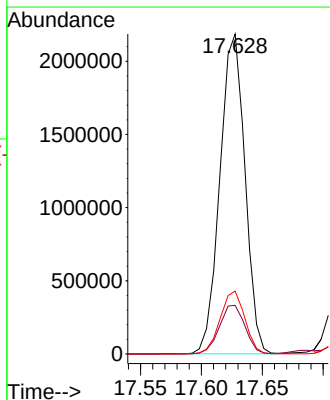
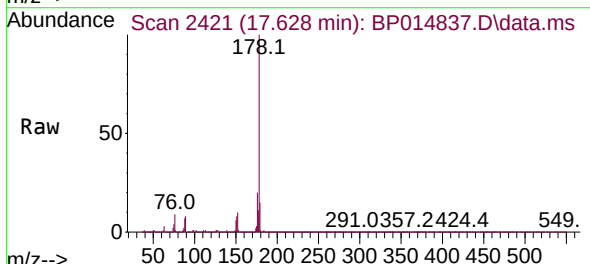
Manual Integrations
APPROVED

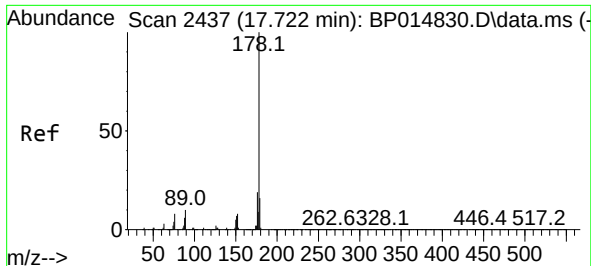
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023



#72
Phenanthrene
Concen: 32.925 ng/ul
RT: 17.628 min Scan# 2421
Delta R.T. 0.006 min
Lab File: BP014837.D
Acq: 26 Apr 2023 13:16

Tgt Ion:178 Resp: 3133018
Ion Ratio Lower Upper
178 100
179 15.2 12.2 18.4
176 19.7 15.7 23.5





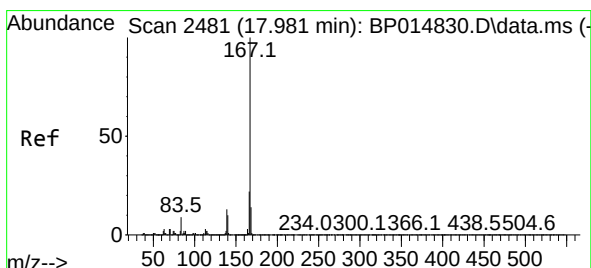
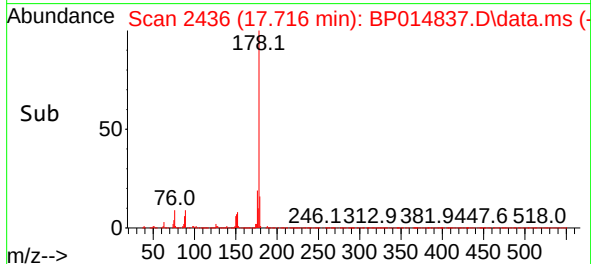
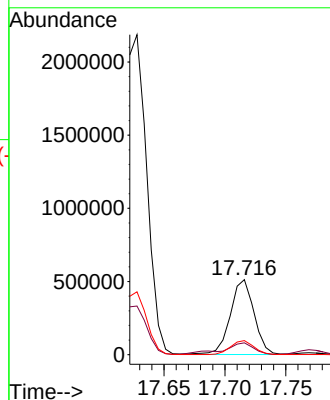
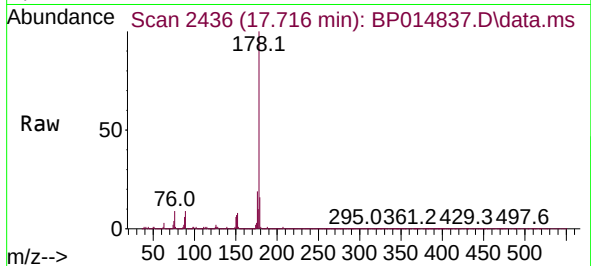
#74
 Anthracene
 Concen: 7.233 ng/u1
 RT: 17.716 min Scan# 2436
 Delta R.T. 0.000 min
 Lab File: BP014837.D
 Acq: 26 Apr 2023 13:16

Instrument :
 BNA_P
 ClientSampleId :
 EW8Z9

Tgt Ion:178 Resp: 693908
 Ion Ratio Lower Upper
 178 100
 179 15.8 12.1 18.1
 176 18.8 14.9 22.3

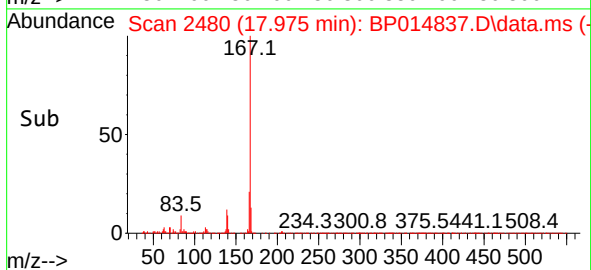
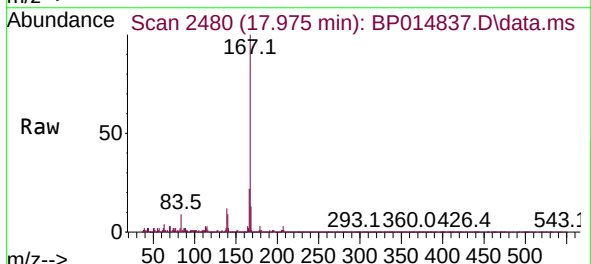
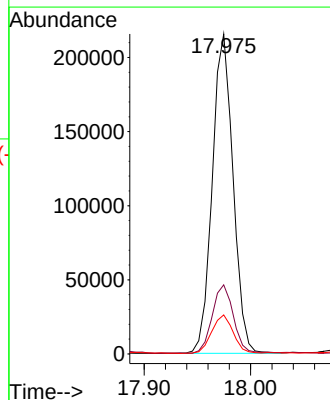
Manual Integrations
 APPROVED

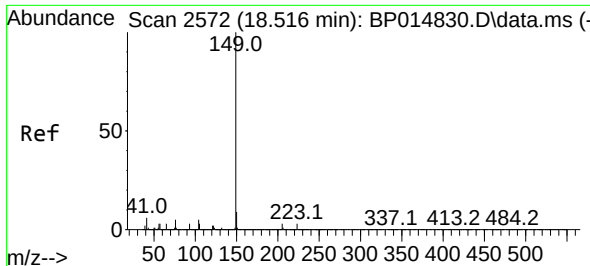
Reviewed By :Christian Giraldo 04/27/2023
 Supervised By :Jagrut Upadhyay 04/27/2023



#77
 Carbazole
 Concen: 3.568 ng/u1
 RT: 17.975 min Scan# 2480
 Delta R.T. 0.000 min
 Lab File: BP014837.D
 Acq: 26 Apr 2023 13:16

Tgt Ion:167 Resp: 291311
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.2 25.8
 139 12.2 9.8 14.8





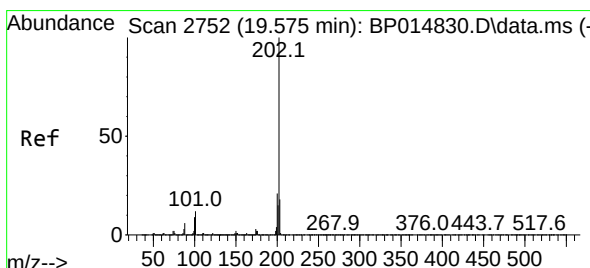
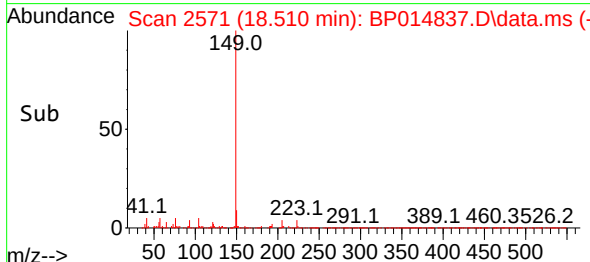
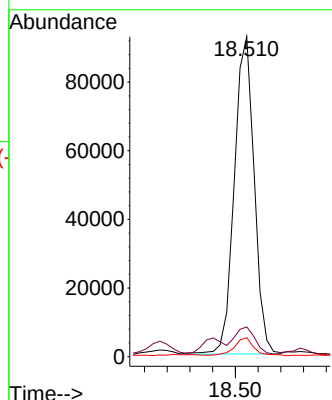
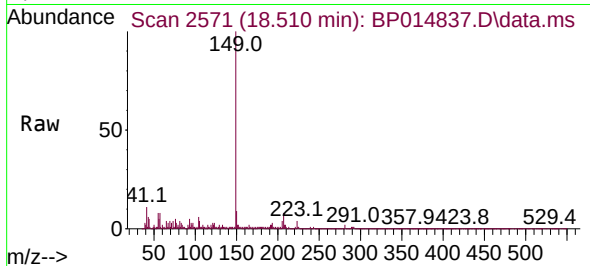
#78
Di-n-butylphthalate
Concen: 1.158 ng/ul
RT: 18.510 min Scan# 20
Delta R.T. 0.000 min
Lab File: BP014837.D
Acq: 26 Apr 2023 13:16

Instrument :
BNA_P
ClientSampleId :
EW8Z9

Tgt Ion:149 Resp: 112179
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.2
104 5.9 3.9 5.9

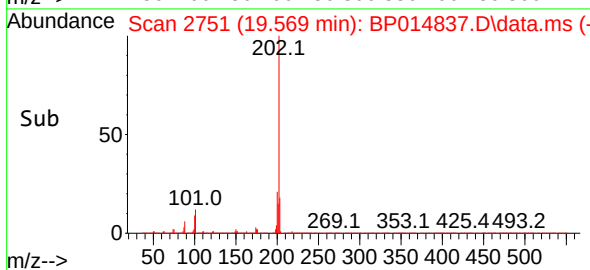
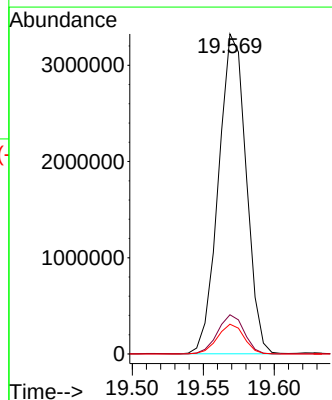
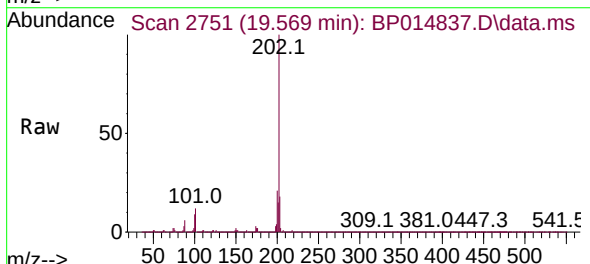
Manual Integrations
APPROVED

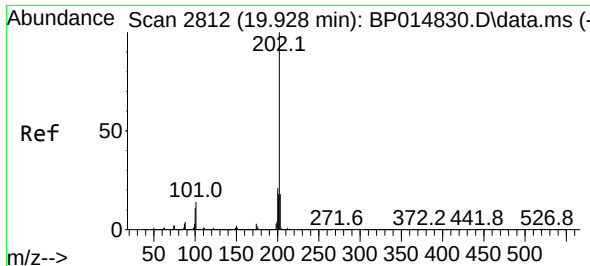
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023



#80
Fluoranthene
Concen: 65.880 ng/ul
RT: 19.569 min Scan# 2751
Delta R.T. 0.000 min
Lab File: BP014837.D
Acq: 26 Apr 2023 13:16

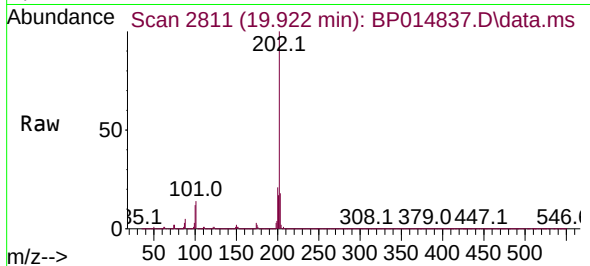
Tgt Ion:202 Resp: 4494093
Ion Ratio Lower Upper
202 100
101 12.2 9.1 13.7
100 9.3 7.0 10.4





#82
 Pyrene
 Concen: 54.658 ng/u1
 RT: 19.922 min Scan# 2812
 Delta R.T. 0.000 min
 Lab File: BP014837.D
 Acq: 26 Apr 2023 13:16

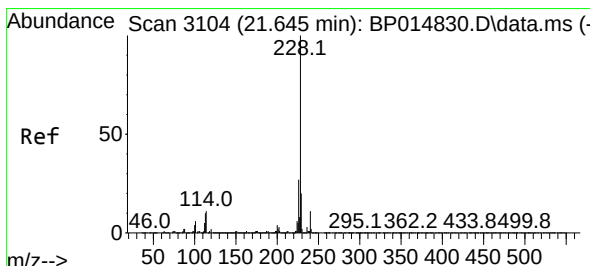
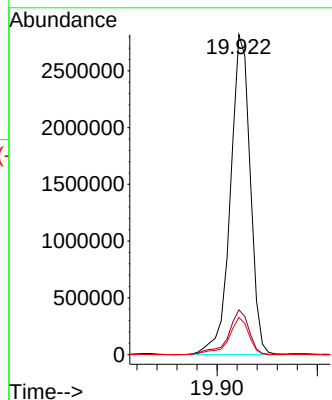
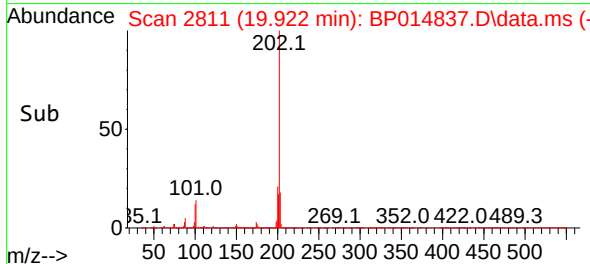
Instrument :
 BNA_P
 ClientSampleId :
 EW8Z9



Tgt Ion:202 Resp: 385630
 Ion Ratio Lower Upper
 202 100
 101 14.0 11.1 16.7
 100 11.6 9.0 13.6

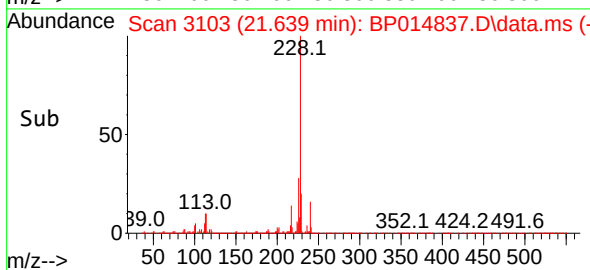
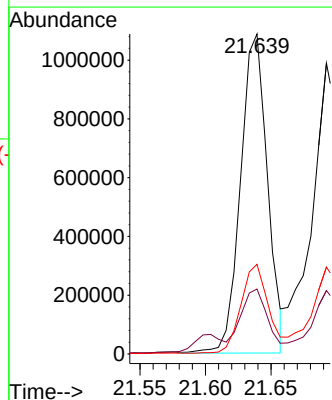
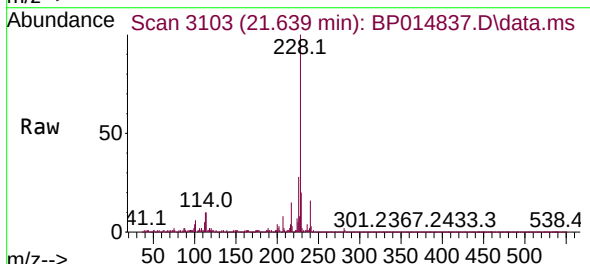
Manual Integrations
 APPROVED

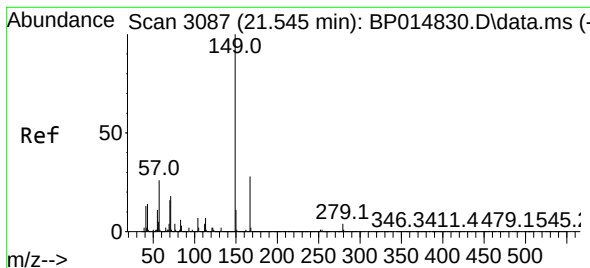
Reviewed By :Christian Giraldo 04/27/2023
 Supervised By :Jagrut Upadhyay 04/27/2023



#85
 Benzo(a)anthracene
 Concen: 23.443 ng/u1
 RT: 21.639 min Scan# 3103
 Delta R.T. 0.000 min
 Lab File: BP014837.D
 Acq: 26 Apr 2023 13:16

Tgt Ion:228 Resp: 1552681
 Ion Ratio Lower Upper
 228 100
 229 20.3 15.7 23.5
 226 28.0 22.0 33.0





#86

Bis(2-ethylhexyl)phthalate

Concen: 1.395 ng/ul

RT: 21.533 min Scan# 3085

Delta R.T. -0.006 min

Lab File: BP014837.D

Acq: 26 Apr 2023 13:16

Instrument :

BNA_P

ClientSampleId :

EW8Z9

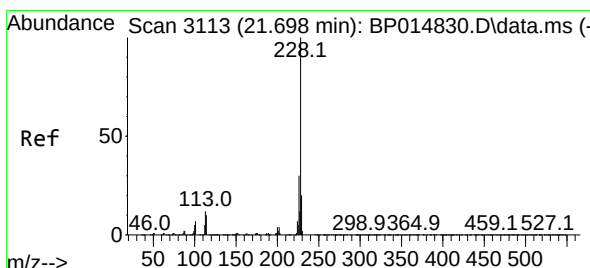
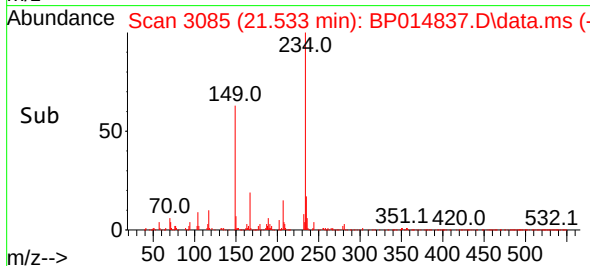
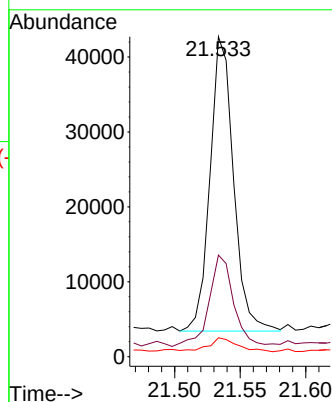
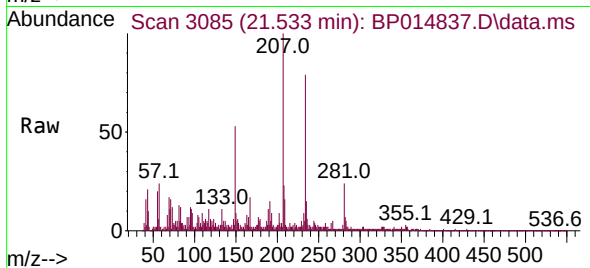
Tgt Ion:	149	Resp:	4903
Ion Ratio	Lower	Upper	
149	100		
167	31.8	21.8	32.6
279	5.9	3.4	5.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/27/2023

Supervised By :Jagrut Upadhyay 04/27/2023



#87

Chrysene

Concen: 23.925 ng/ul

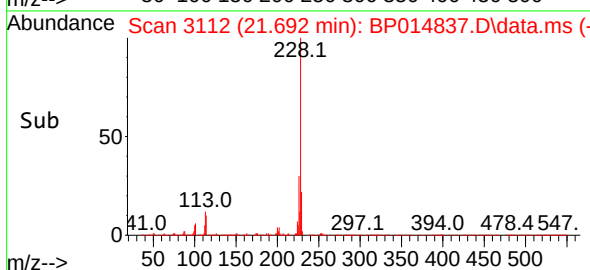
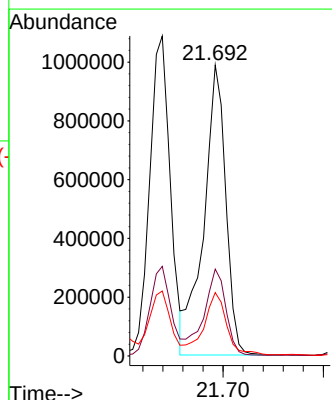
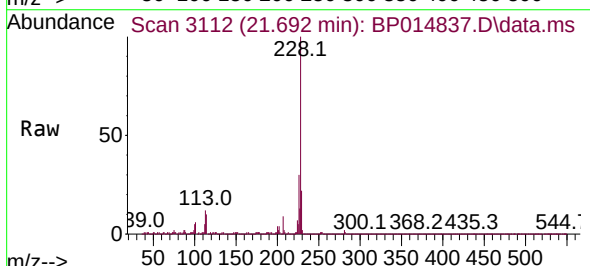
RT: 21.692 min Scan# 3112

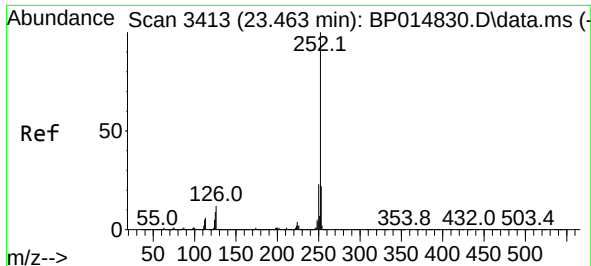
Delta R.T. 0.000 min

Lab File: BP014837.D

Acq: 26 Apr 2023 13:16

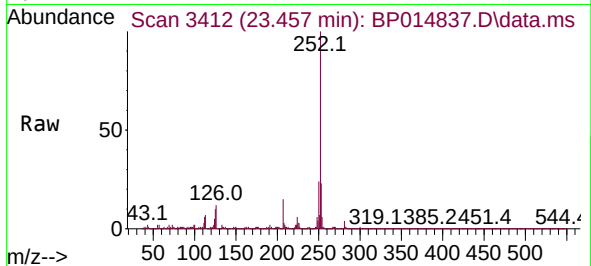
Tgt Ion:	228	Resp:	1502176
Ion Ratio	Lower	Upper	
228	100		
226	29.9	24.5	36.7
229	21.8	16.0	24.0





#90
Benzo(b)fluoranthene
Concen: 27.069 ng/ul
RT: 23.457 min Scan# 3413
Delta R.T. 0.006 min
Lab File: BP014837.D
Acq: 26 Apr 2023 13:16

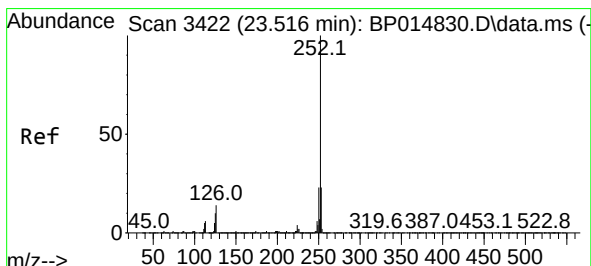
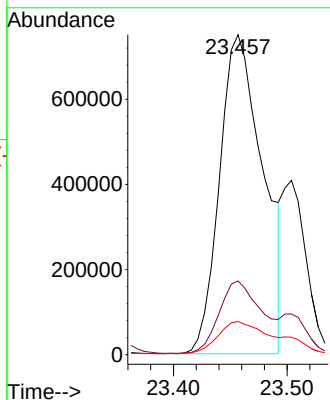
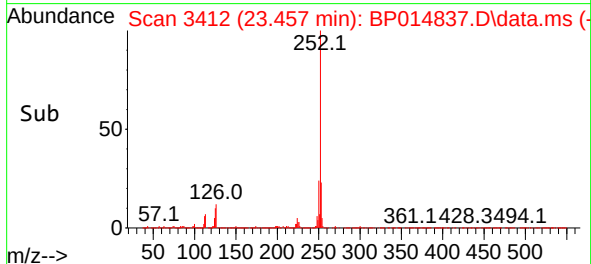
Instrument :
BNA_P
ClientSampleId :
EW8Z9



Tgt Ion:252 Resp: 198972
Ion Ratio Lower Upper
252 100
253 23.1 17.2 25.8
125 10.3 7.8 11.8

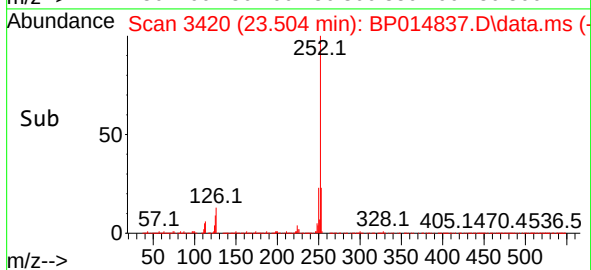
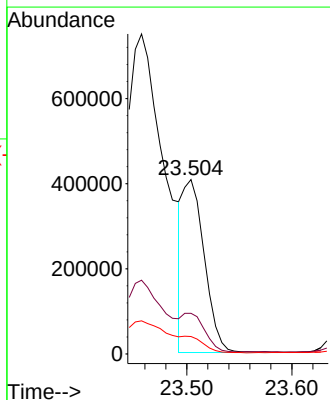
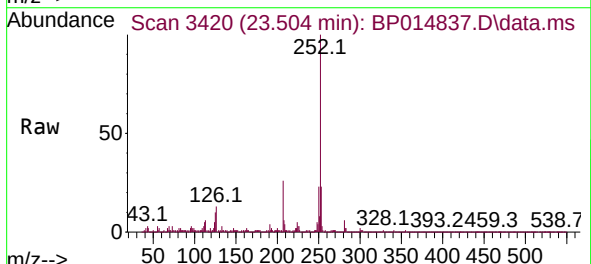
Manual Integrations
APPROVED

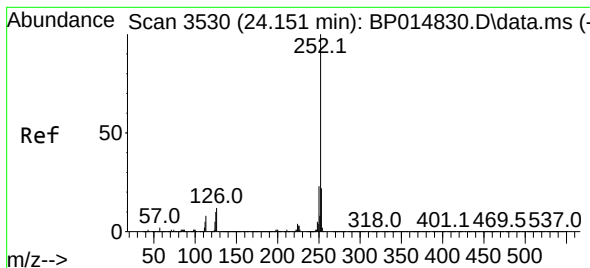
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023



#91
Benzo(k)fluoranthene
Concen: 8.099 ng/ul m
RT: 23.504 min Scan# 3420
Delta R.T. 0.000 min
Lab File: BP014837.D
Acq: 26 Apr 2023 13:16

Tgt Ion:252 Resp: 577406
Ion Ratio Lower Upper
252 100
253 23.3 17.5 26.3
125 10.0 7.9 11.9





#93

Benzo(a)pyrene

Concen: 22.528 ng/ul

RT: 24.139 min Scan# 3

Delta R.T. 0.000 min

Lab File: BP014837.D

Acq: 26 Apr 2023 13:16

Instrument :

BNA_P

ClientSampleId :

EW8Z9

Tgt Ion:252 Resp: 1402558

Ion Ratio Lower Upper

252 100

253 23.2 17.5 26.3

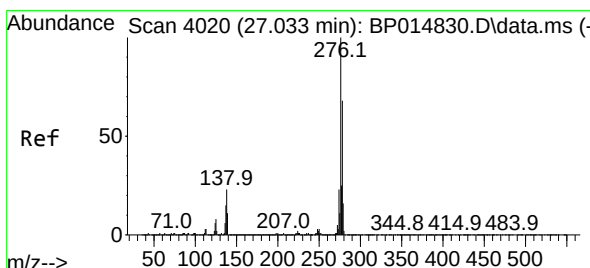
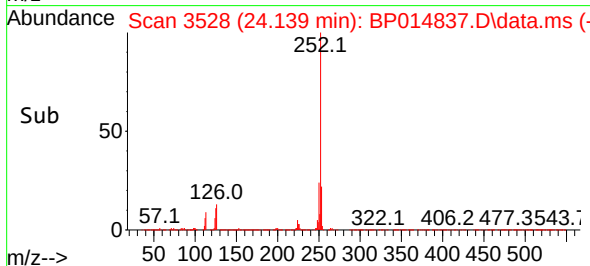
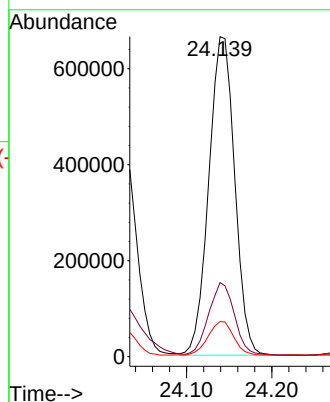
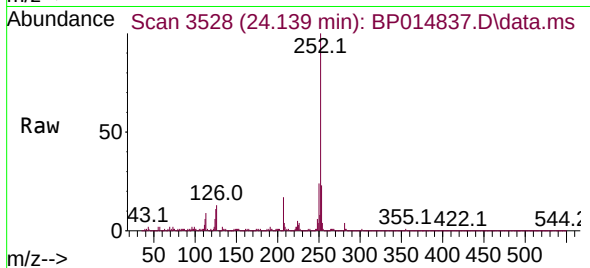
125 11.0 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/27/2023

Supervised By :Jagrut Upadhyay 04/27/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 14.525 ng/ul

RT: 27.015 min Scan# 4017

Delta R.T. 0.000 min

Lab File: BP014837.D

Acq: 26 Apr 2023 13:16

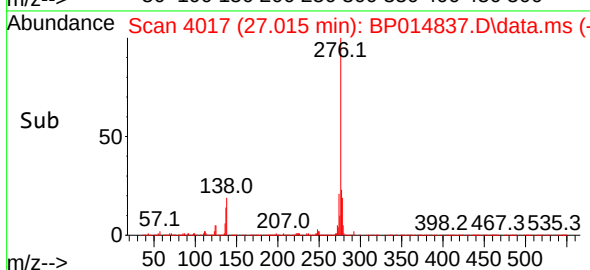
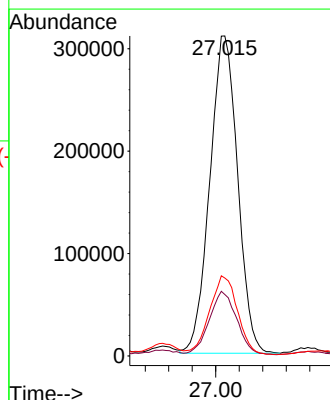
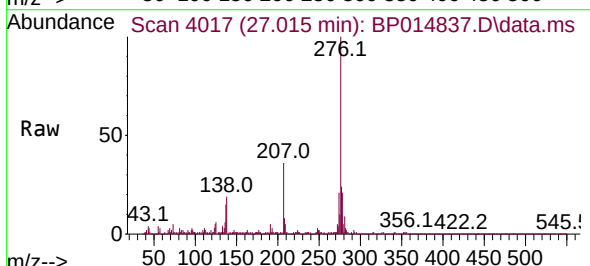
Tgt Ion:276 Resp: 1019729

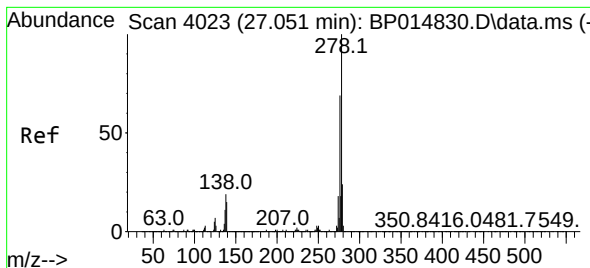
Ion Ratio Lower Upper

276 100

138 19.2 17.7 26.5

277 24.4 19.6 29.4





#95

Dibenzo(a,h)anthracene

Concen: 4.440 ng/ul

RT: 27.027 min Scan# 4023

Delta R.T. -0.006 min

Lab File: BP014837.D

Acq: 26 Apr 2023 13:16

Instrument :

BNL_P

ClientSampleId :

EW8Z9

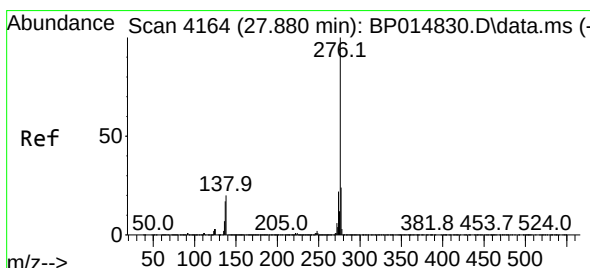
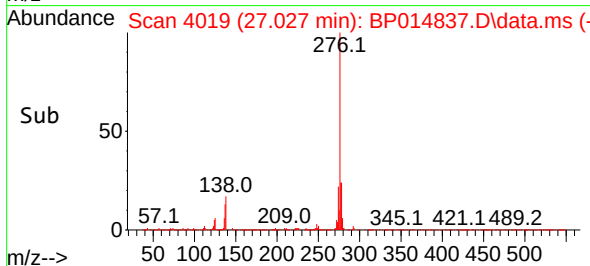
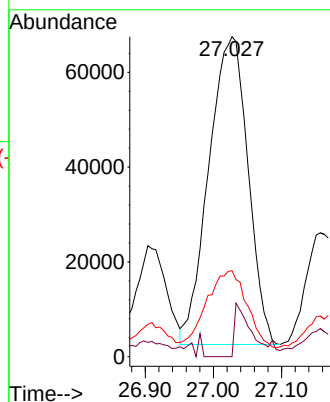
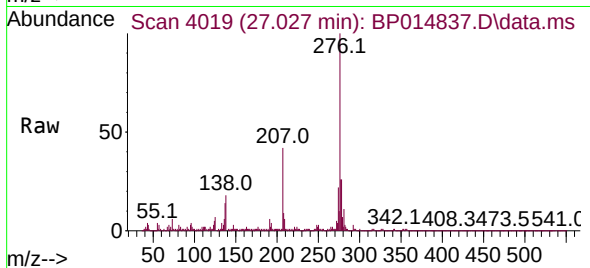
Tgt Ion:	278	Resp:	259994
Ion Ratio	Lower	Upper	
278	100		
139	0.0	12.0	18.0
279	26.8	18.9	28.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/27/2023

Supervised By :Jagrut Upadhyay 04/27/2023



#96

Benzo(g,h,i)perylene

Concen: 16.357 ng/ul

RT: 27.868 min Scan# 4162

Delta R.T. 0.006 min

Lab File: BP014837.D

Acq: 26 Apr 2023 13:16

Tgt Ion:	276	Resp:	909808
Ion Ratio	Lower	Upper	
276	100		
138	20.0	16.2	24.2
277	24.0	18.9	28.3

