

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042623\
 Data File : BP014858.D
 Acq On : 27 Apr 2023 01:01
 Operator : CG/JU
 Sample : 02447-08
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW913

Quant Time: Apr 27 01:59:31 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

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.199	152	430891	20.000	ng/ul	0.00
20) Naphthalene-d8	11.034	136	1775259	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.834	164	997716	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.581	188	1740319	20.000	ng/ul	0.00
79) Chrysene-d12	21.657	240	960804	20.000	ng/ul	0.00
88) Perylene-d12	24.251	264	1182828	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	0.000	99	0d	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/ul	
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	0.000	128	0d	0.000	ng/ul	
24) 2-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
28) 2,4-Dichlorophenol-d3	0.000	165	0d	0.000	ng/ul	
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	0.000	166	0d	0.000	ng/ul	
49) Acenaphthylene-d8	0.000	160	0d	0.000	ng/ul	
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	0.000	188	0d	0.000	ng/ul	
81) Pyrene-d10	0.000	212	0d	0.000	ng/ul	
92) Benzo(a)pyrene-d12	0.000	264	0d	0.000	ng/ul	
Target Compounds						
					Qvalue	
52) Acenaphthene	14.893	153	72595	1.102	ng/ul	98
56) Dibenzofuran	15.228	168	194944	2.101	ng/ul	97
61) Fluorene	15.875	166	273326	3.734	ng/ul	98
72) Phenanthrene	17.628	178	4433390	46.518	ng/ul	100
74) Anthracene	17.716	178	153823	1.601	ng/ul	98
80) Fluoranthene	19.575	202	5414345	78.649	ng/ul	100
82) Pyrene	19.922	202	1842917	25.884	ng/ul	99
85) Benzo(a)anthracene	21.639	228	1072977	16.053	ng/ul	99
87) Chrysene	21.692	228	1513544	23.887	ng/ul	100
90) Benzo(b)fluoranthene	23.451	252	644637	7.958	ng/ul#	97
91) Benzo(k)fluoranthene	23.498	252	218047m	2.775	ng/ul	

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

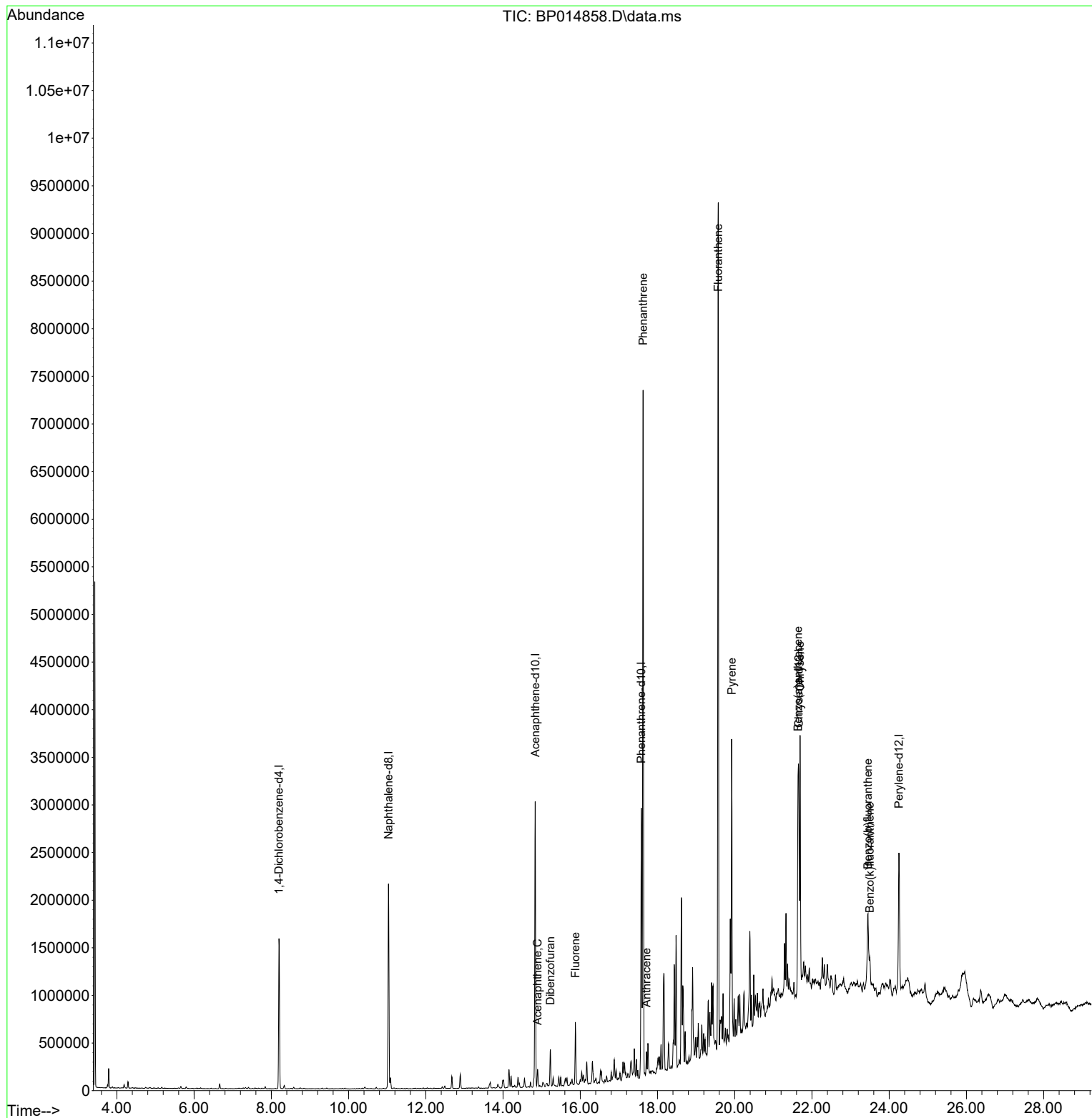
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042623\
Data File : BP014858.D
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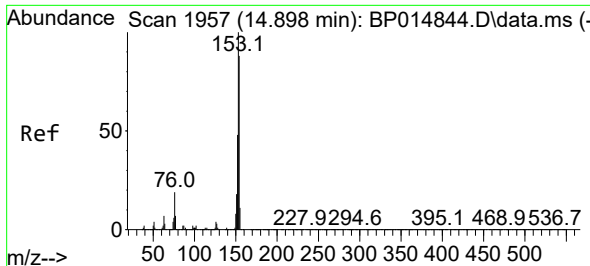
Instrument :
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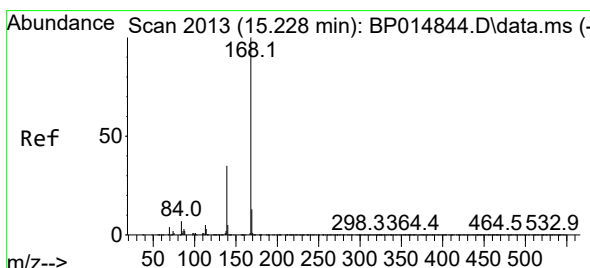
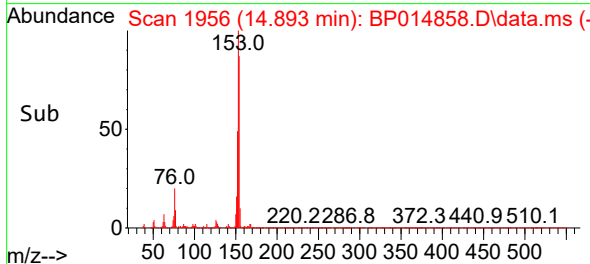
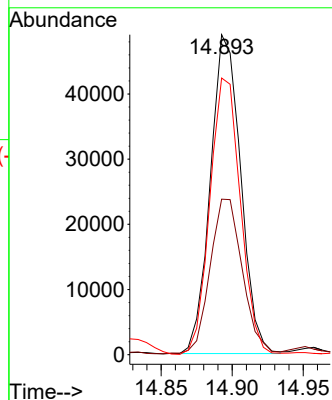
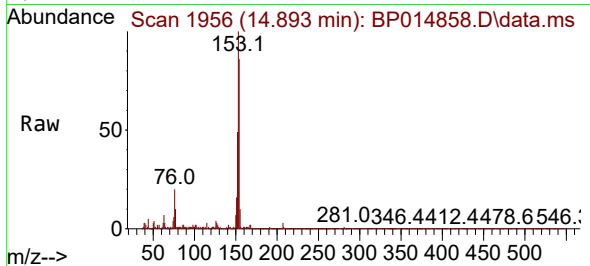
#52
Acenaphthene
Concen: 1.102 ng/ul
RT: 14.893 min Scan# 1957
Delta R.T. 0.000 min
Lab File: BP014858.D
Acq: 27 Apr 2023 01:01

Instrument :
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ClientSampleId :
EW913

Tgt Ion:153 Resp: 7259
Ion Ratio Lower Upper
153 100
152 48.6 38.2 57.4
154 86.4 71.0 106.4

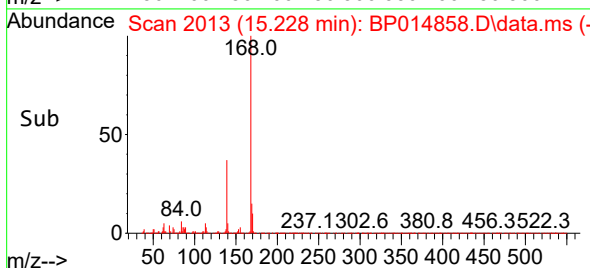
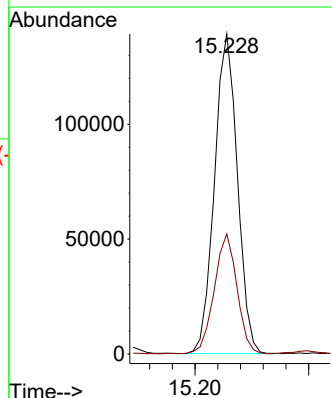
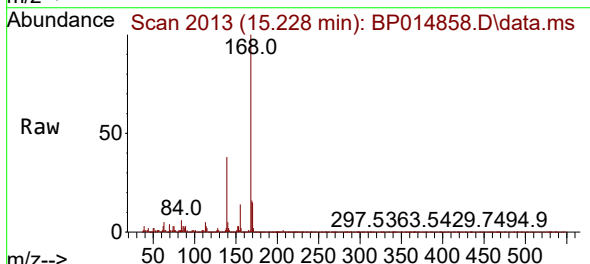
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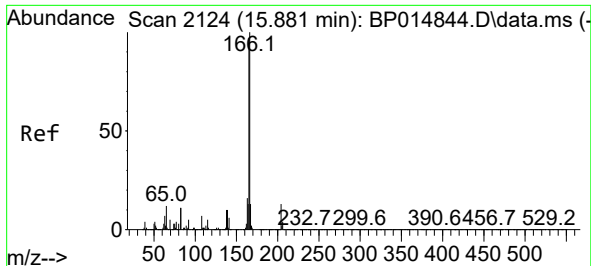
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023



#56
Dibenzofuran
Concen: 2.101 ng/ul
RT: 15.228 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BP014858.D
Acq: 27 Apr 2023 01:01

Tgt Ion:168 Resp: 194944
Ion Ratio Lower Upper
168 100
139 37.5 28.7 43.1





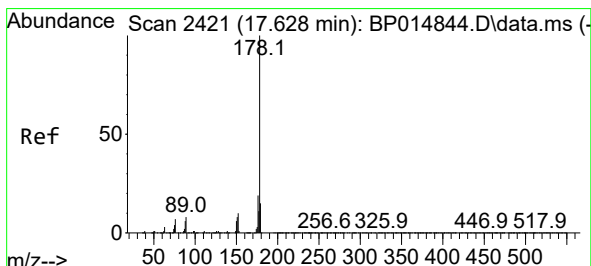
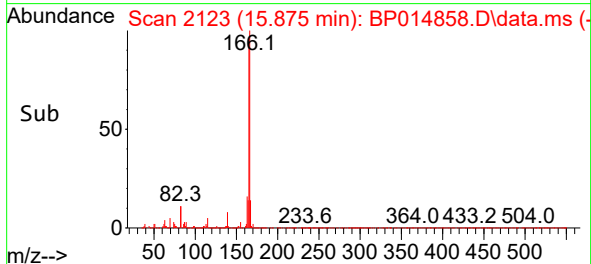
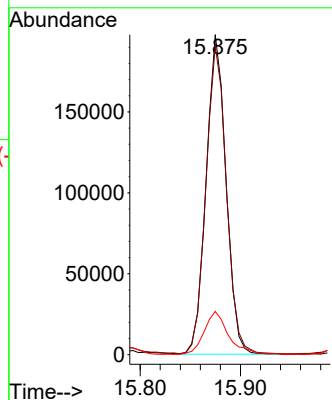
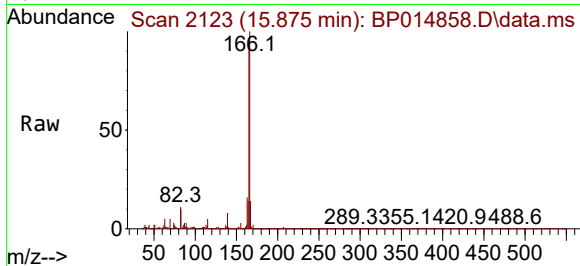
#61
Fluorene
Concen: 3.734 ng/ul
RT: 15.875 min Scan# 2124
Delta R.T. 0.000 min
Lab File: BP014858.D
Acq: 27 Apr 2023 01:01

Instrument :
BNA_P
ClientSampleId :
EW913

Tgt Ion:166 Resp: 273320
Ion Ratio Lower Upper
166 100
165 96.5 79.1 118.7
167 13.5 10.7 16.1

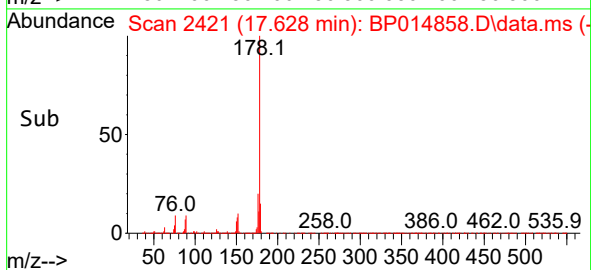
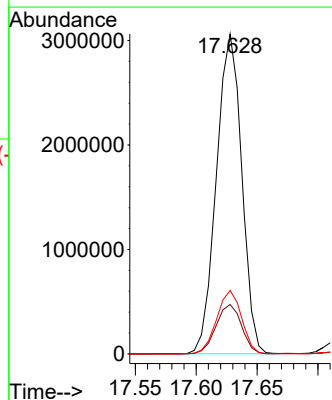
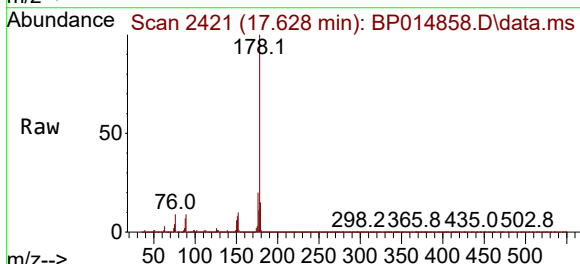
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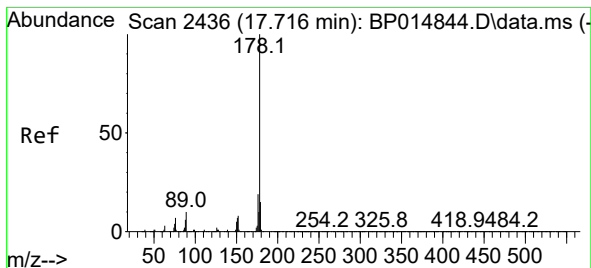
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023



#72
Phenanthrene
Concen: 46.518 ng/ul
RT: 17.628 min Scan# 2421
Delta R.T. 0.006 min
Lab File: BP014858.D
Acq: 27 Apr 2023 01:01

Tgt Ion:178 Resp: 4433390
Ion Ratio Lower Upper
178 100
179 15.5 12.2 18.4
176 19.9 15.7 23.5





#74

Anthracene

Concen: 1.601 ng/ul

RT: 17.716 min Scan# 2436

Delta R.T. 0.000 min

Lab File: BP014858.D

Acq: 27 Apr 2023 01:01

Instrument :

BNA_P

ClientSampleId :

EW913

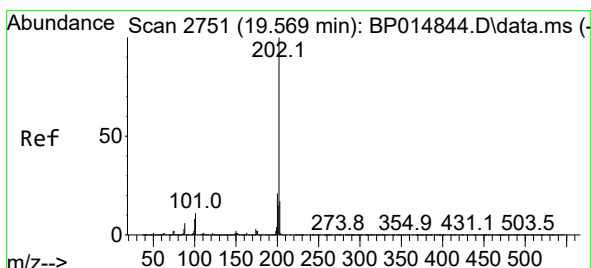
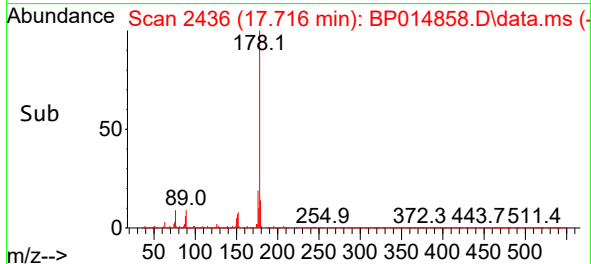
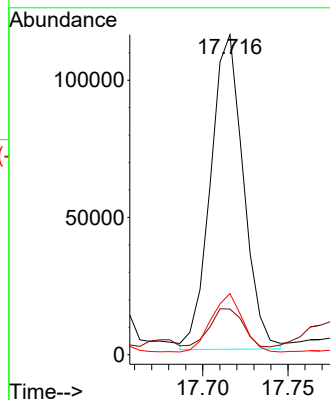
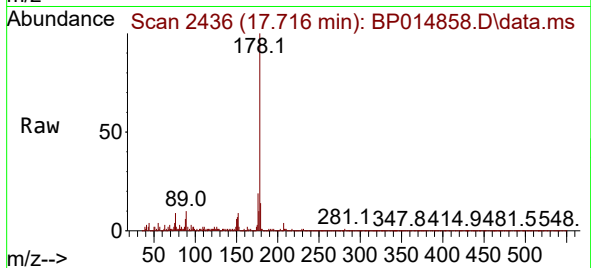
Tgt Ion:178	Resp: 15382
Ion Ratio	Lower Upper
178 100	
179 14.3	12.1 18.1
176 19.1	14.9 22.3

Manual Integrations

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#80

Fluoranthene

Concen: 78.649 ng/ul

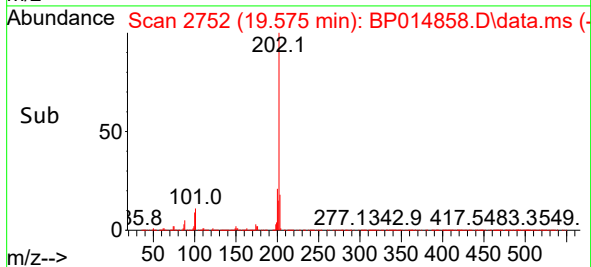
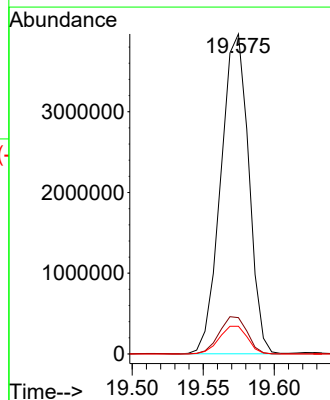
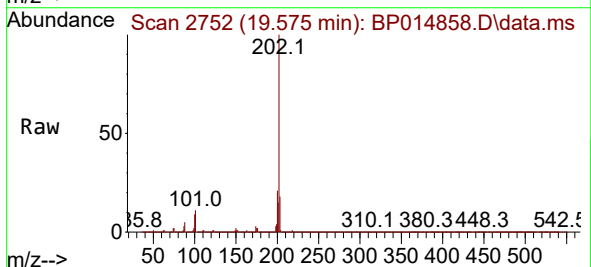
RT: 19.575 min Scan# 2752

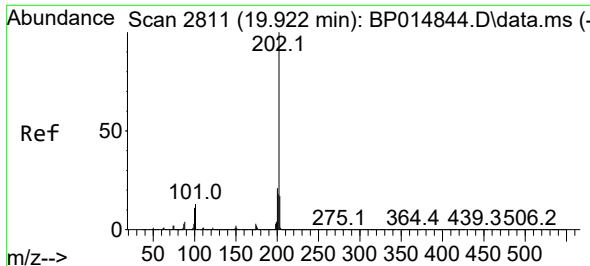
Delta R.T. 0.006 min

Lab File: BP014858.D

Acq: 27 Apr 2023 01:01

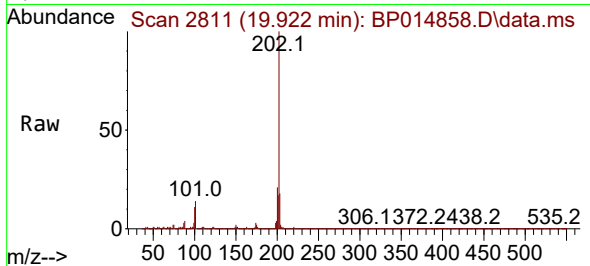
Tgt Ion:202	Resp: 5414345
Ion Ratio	Lower Upper
202 100	
101 11.4	9.1 13.7
100 8.6	7.0 10.4





#82
Pyrene
Concen: 25.884 ng/ul
RT: 19.922 min Scan# 2811
Delta R.T. 0.000 min
Lab File: BP014858.D
Acq: 27 Apr 2023 01:01

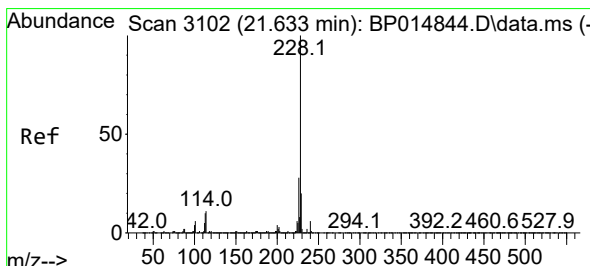
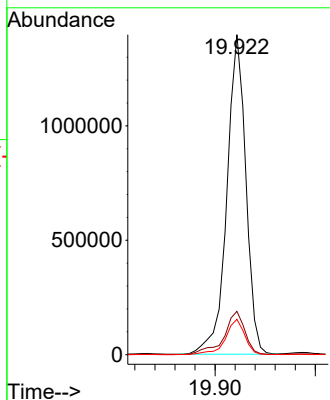
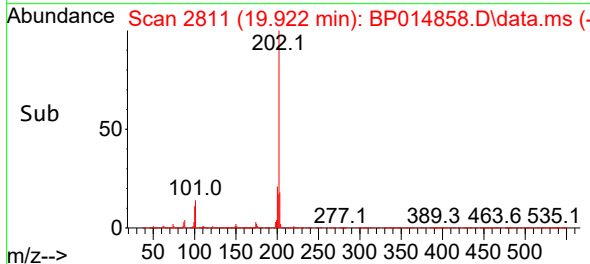
Instrument :
BNA_P
ClientSampleId :
EW913



Tgt Ion:202 Resp: 1842917
Ion Ratio Lower Upper
202 100
101 13.6 11.1 16.7
100 11.0 9.0 13.6

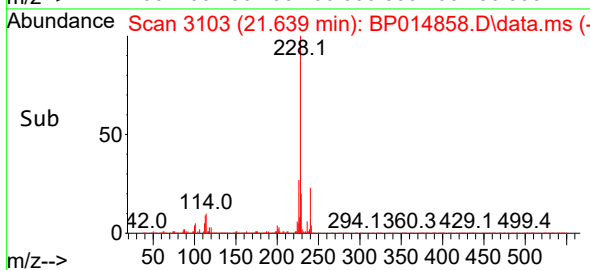
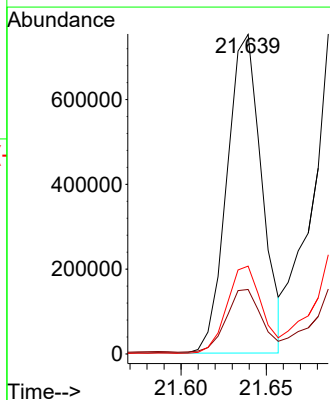
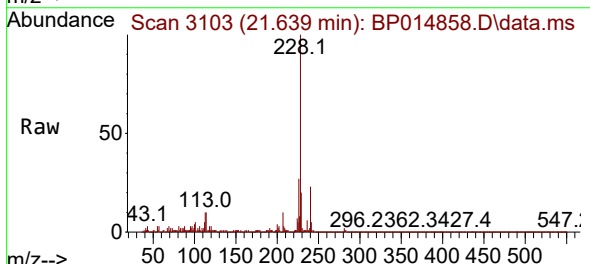
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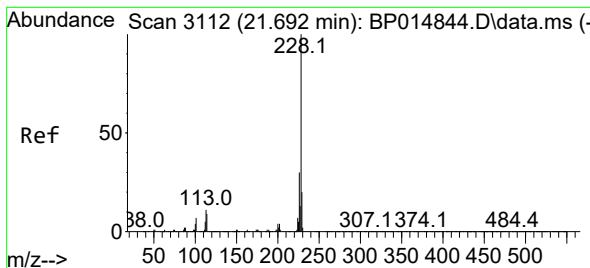
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023



#85
Benzo(a)anthracene
Concen: 16.053 ng/ul
RT: 21.639 min Scan# 3103
Delta R.T. 0.000 min
Lab File: BP014858.D
Acq: 27 Apr 2023 01:01

Tgt Ion:228 Resp: 1072977
Ion Ratio Lower Upper
228 100
229 20.2 15.7 23.5
226 27.5 22.0 33.0





#87

Chrysene

Concen: 23.887 ng/ul

RT: 21.692 min Scan# 3112

Delta R.T. 0.000 min

Lab File: BP014858.D

Acq: 27 Apr 2023 01:01

Instrument :

BNA_P

ClientSampleId :

EW913

Tgt Ion:228 Resp: 151354

Ion Ratio Lower Upper

228 100

226 30.5 24.5 36.7

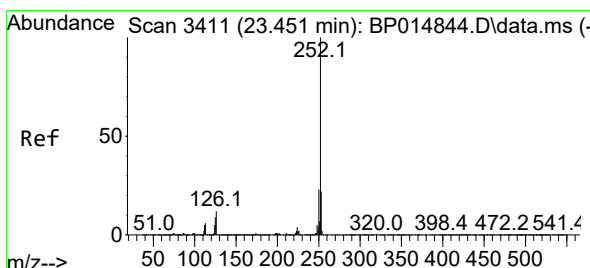
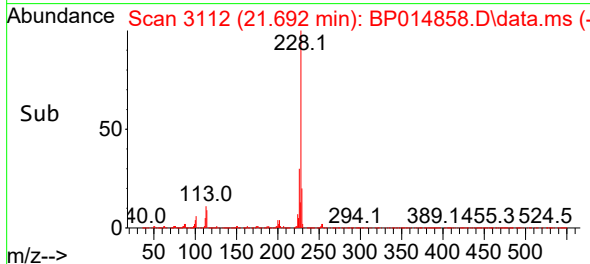
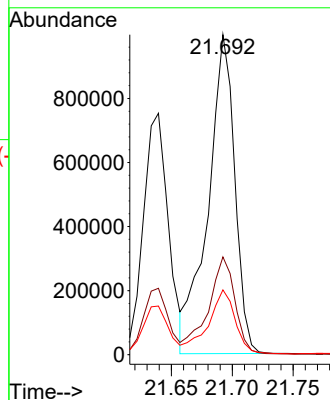
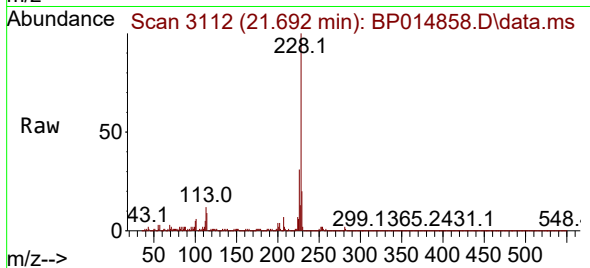
229 20.2 16.0 24.0

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#90

Benzo(b)fluoranthene

Concen: 7.958 ng/ul

RT: 23.451 min Scan# 3411

Delta R.T. 0.000 min

Lab File: BP014858.D

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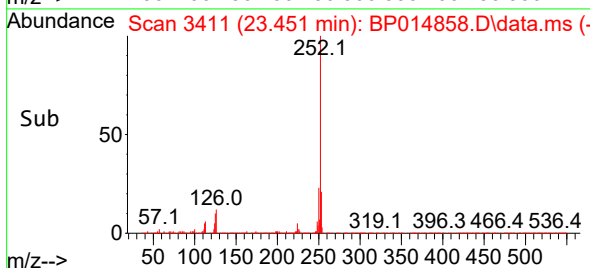
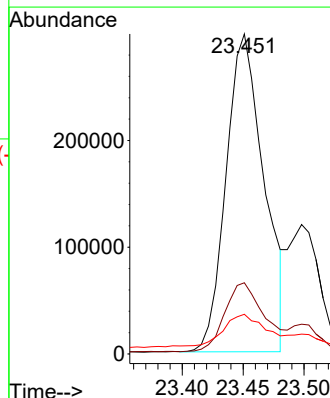
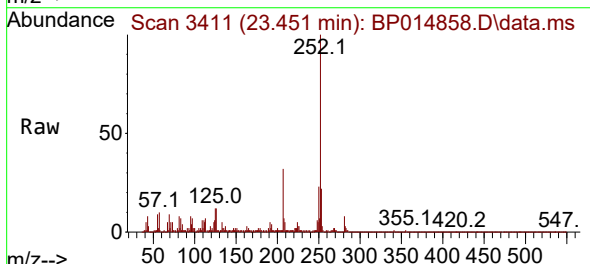
Tgt Ion:252 Resp: 644637

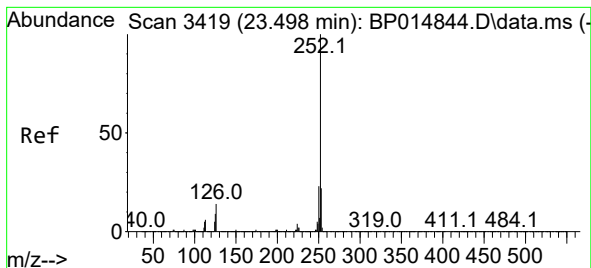
Ion Ratio Lower Upper

252 100

253 22.2 17.2 25.8

125 12.4 7.8 11.8#





#91

Benzo(k)fluoranthene

Concen: 2.775 ng/ul m

RT: 23.498 min Scan# 34

Delta R.T. -0.006 min

Lab File: BP014858.D

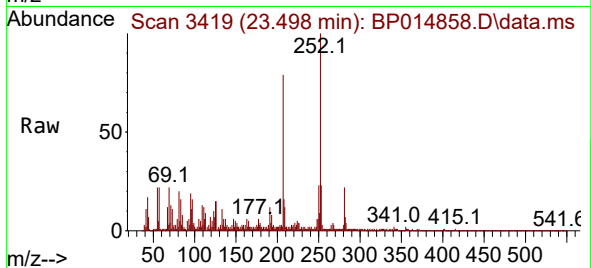
Acq: 27 Apr 2023 01:01

Instrument :

BNA_P

ClientSampleId :

EW913



Tgt Ion:252 Resp: 21804

Ion Ratio Lower Upper

252 100

253 23.0 17.5 26.3

125 15.4 7.9 11.9

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