

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042623\
 Data File : BP014857.D
 Acq On : 27 Apr 2023 00:27
 Operator : CG/JU
 Sample : 02447-07
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW912

Quant Time: Apr 27 01:55:36 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	429776	20.000	ng/ul	0.00
20) Naphthalene-d8	11.034	136	1776088	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.834	164	1010420	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.581	188	1790574	20.000	ng/ul	0.00
79) Chrysene-d12	21.651	240	1021361	20.000	ng/ul	0.00
88) Perylene-d12	24.251	264	1231633	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	
61) Fluorene	15.875	166	95539	1.289	ng/ul	100
72) Phenanthrene	17.622	178	2000499	20.402	ng/ul	100
80) Fluoranthene	19.569	202	2843549	38.856	ng/ul	99
82) Pyrene	19.922	202	812700	10.738	ng/ul	96
85) Benzo(a)anthracene	21.633	228	545539	7.678	ng/ul	99
87) Chrysene	21.692	228	832672	12.362	ng/ul	99
90) Benzo(b)fluoranthene	23.445	252	397762	4.716	ng/ul#	93
91) Benzo(k)fluoranthene	23.498	252	116677m	1.426	ng/ul	

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

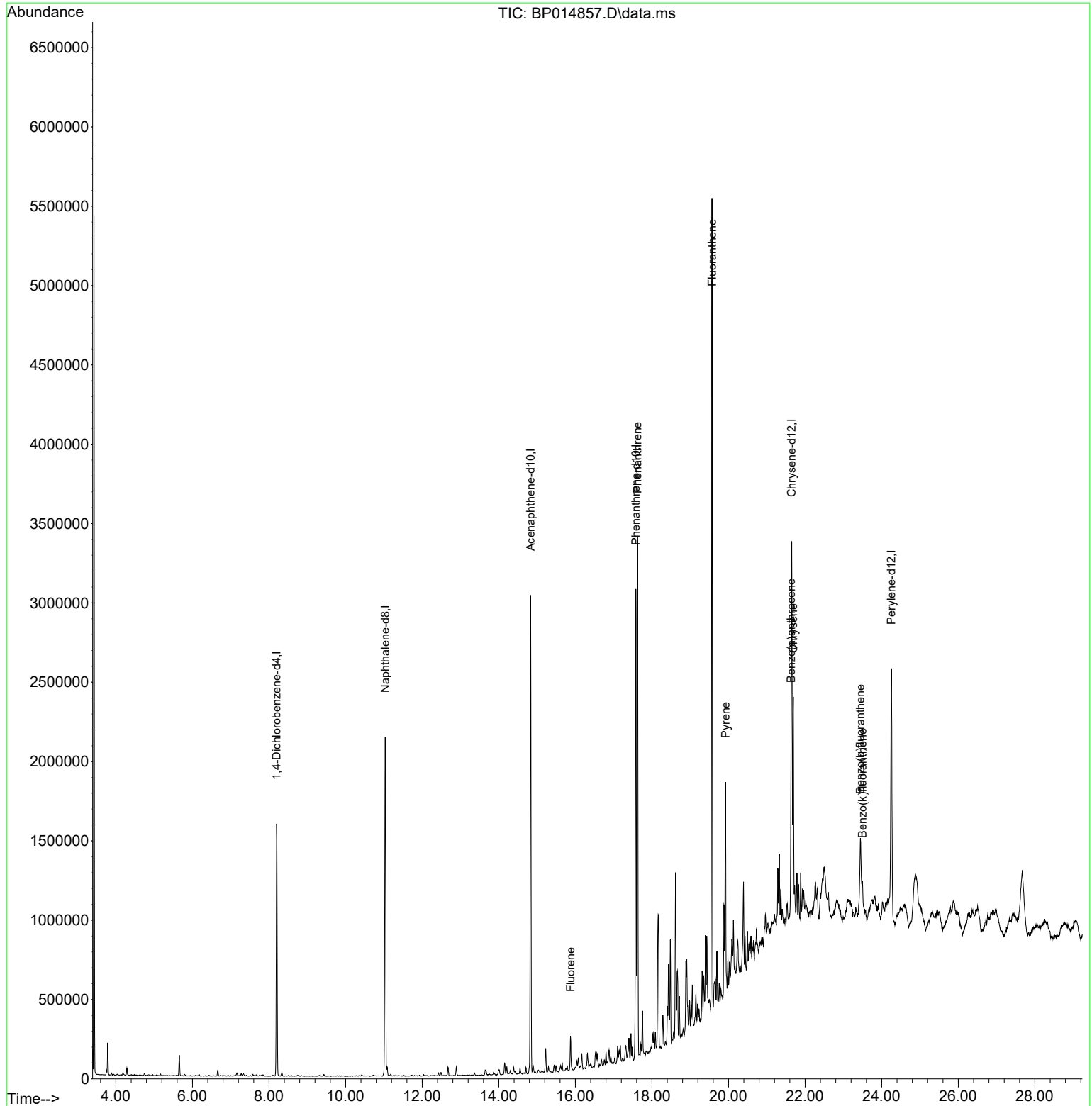
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042623\
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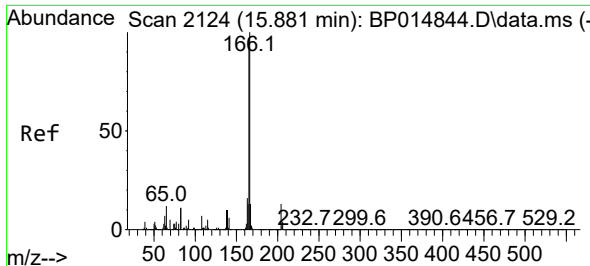
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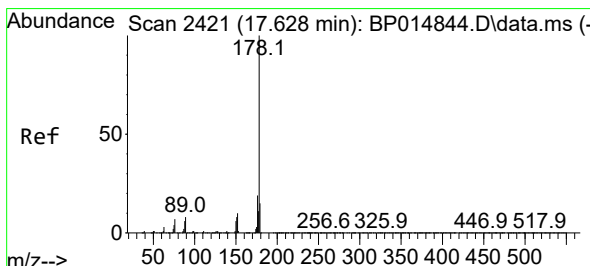
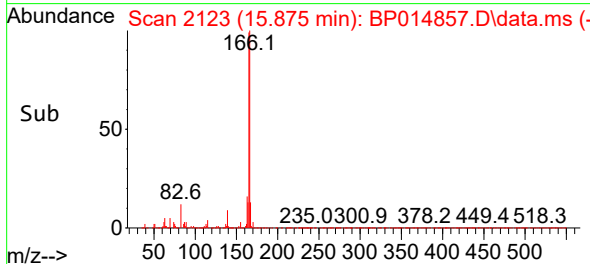
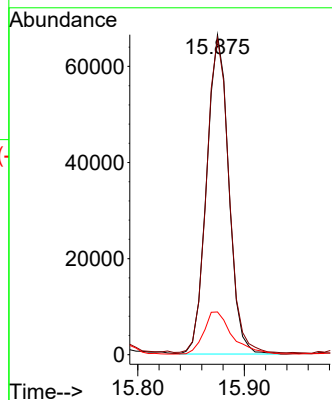
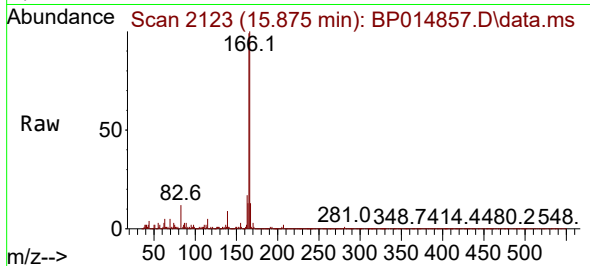
#61
Fluorene
Concen: 1.289 ng/ul
RT: 15.875 min Scan# 2124
Delta R.T. 0.000 min
Lab File: BP014857.D
Acq: 27 Apr 2023 00:27

Instrument :
BNA_P
ClientSampleId :
EW912

Tgt Ion:166 Resp: 95539
Ion Ratio Lower Upper
166 100
165 99.0 79.1 118.7
167 13.4 10.7 16.1

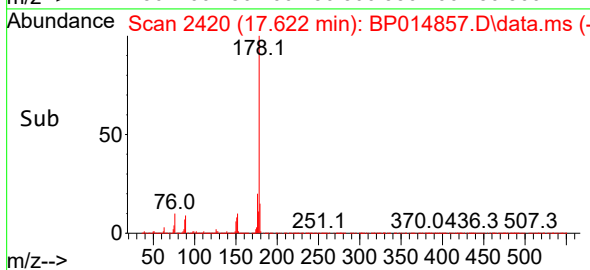
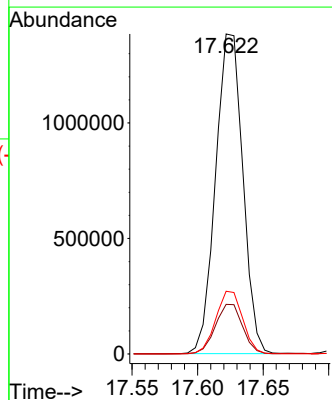
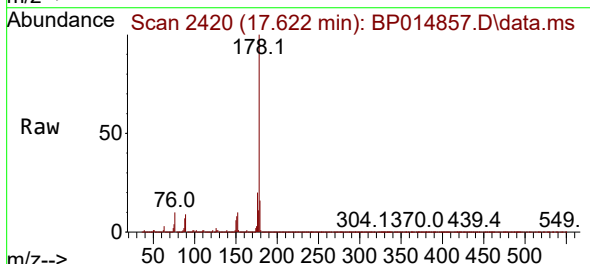
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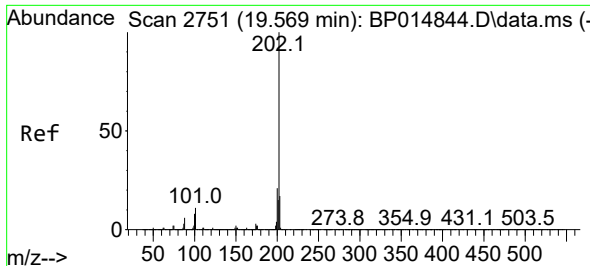
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023



#72
Phenanthrene
Concen: 20.402 ng/ul
RT: 17.622 min Scan# 2420
Delta R.T. 0.000 min
Lab File: BP014857.D
Acq: 27 Apr 2023 00:27

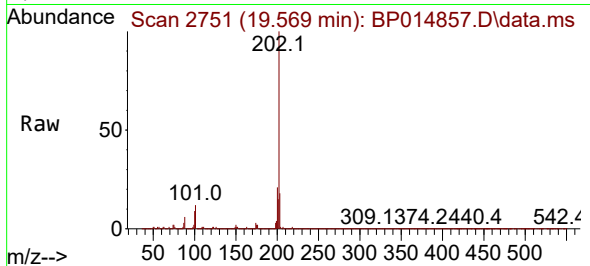
Tgt Ion:178 Resp: 2000499
Ion Ratio Lower Upper
178 100
179 15.5 12.2 18.4
176 19.6 15.7 23.5





#80
Fluoranthene
Concen: 38.856 ng/ul
RT: 19.569 min Scan# 2751
Delta R.T. 0.000 min
Lab File: BP014857.D
Acq: 27 Apr 2023 00:27

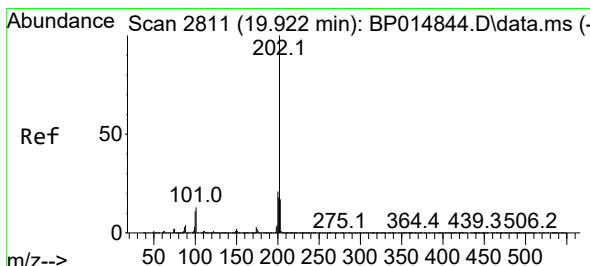
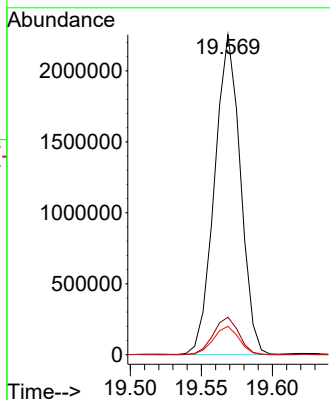
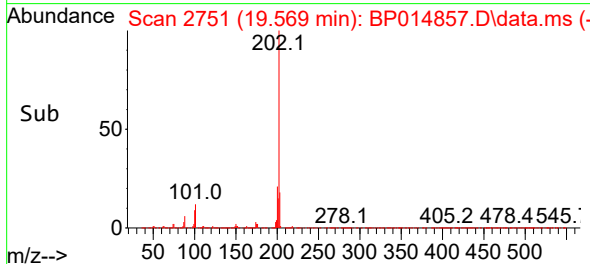
Instrument :
BNA_P
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EW912



Tgt Ion:202 Resp: 2843549
Ion Ratio Lower Upper
202 100
101 11.7 9.1 13.7
100 8.8 7.0 10.4

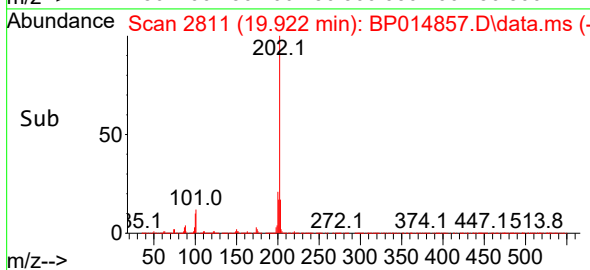
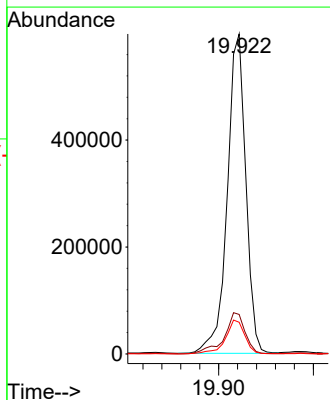
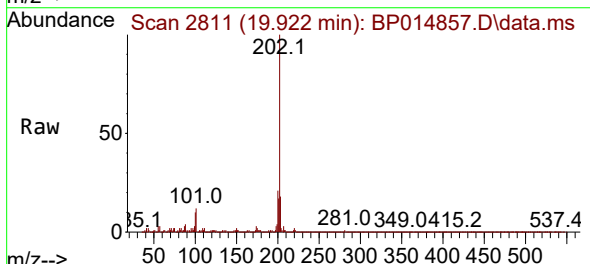
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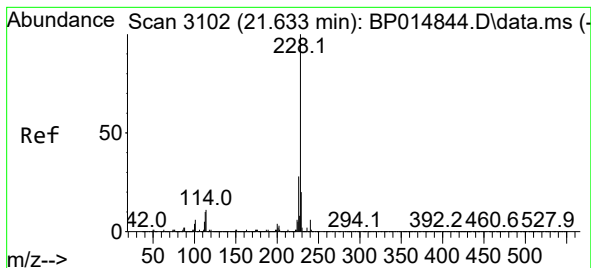
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023



#82
Pyrene
Concen: 10.738 ng/ul
RT: 19.922 min Scan# 2811
Delta R.T. 0.000 min
Lab File: BP014857.D
Acq: 27 Apr 2023 00:27

Tgt Ion:202 Resp: 812700
Ion Ratio Lower Upper
202 100
101 12.4 11.1 16.7
100 9.9 9.0 13.6





#85

Benzo(a)anthracene

Concen: 7.678 ng/ul

RT: 21.633 min Scan# 3102

Delta R.T. -0.006 min

Lab File: BP014857.D

Acq: 27 Apr 2023 00:27

Instrument :

BNA_P

ClientSampleId :

EW912

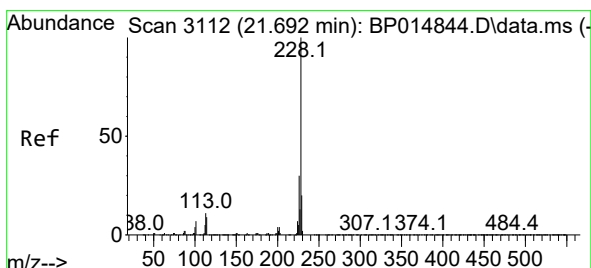
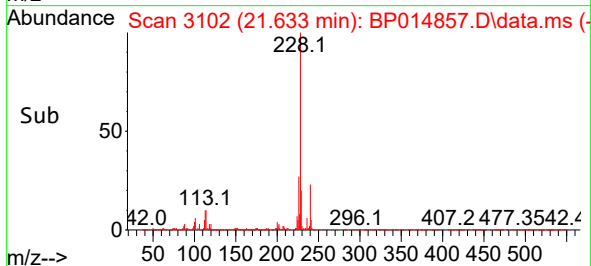
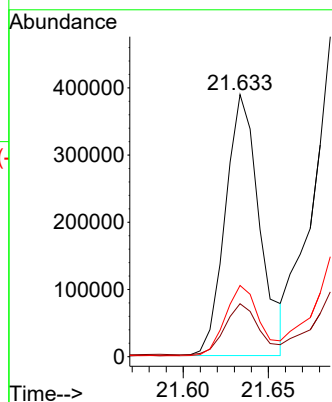
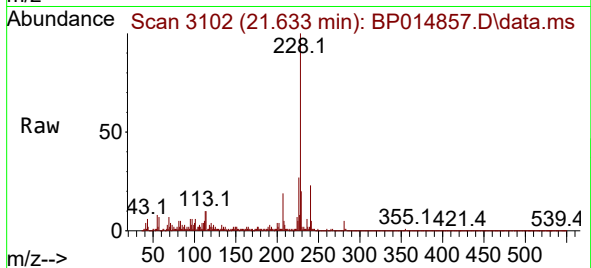
Tgt Ion:228 Resp: 545539
 Ion Ratio Lower Upper
 228 100
 229 20.2 15.7 23.5
 226 27.2 22.0 33.0

Manual Integrations

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#87

Chrysene

Concen: 12.362 ng/ul

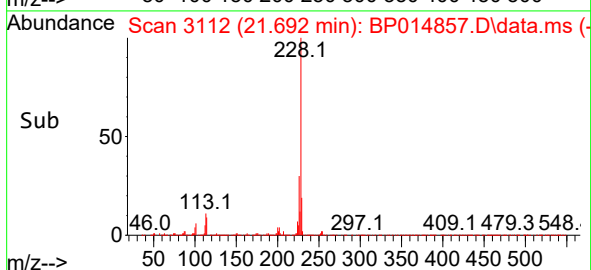
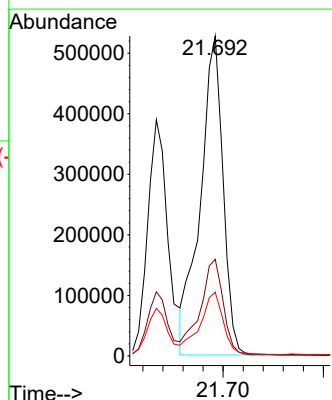
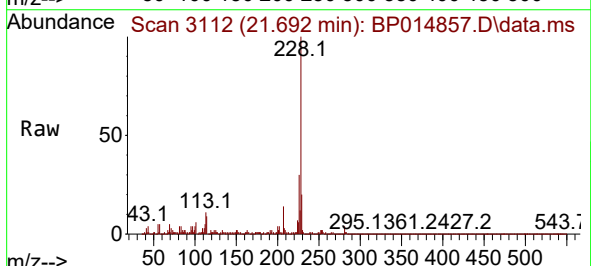
RT: 21.692 min Scan# 3112

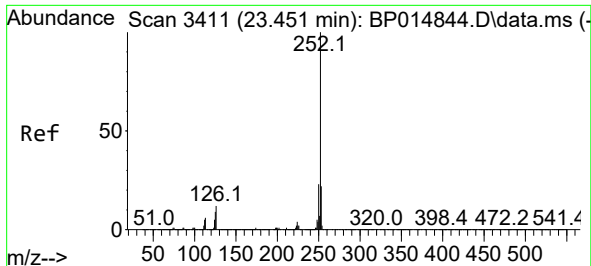
Delta R.T. 0.000 min

Lab File: BP014857.D

Acq: 27 Apr 2023 00:27

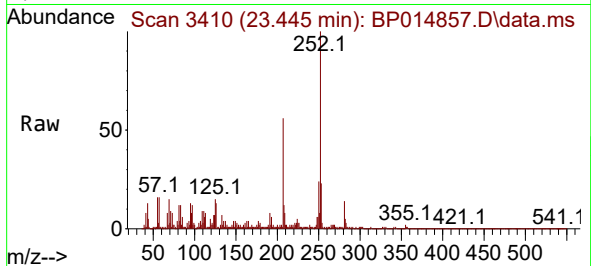
Tgt Ion:228 Resp: 832672
 Ion Ratio Lower Upper
 228 100
 226 30.2 24.5 36.7
 229 19.9 16.0 24.0





#90
Benzo(b)fluoranthene
Concen: 4.716 ng/ul
RT: 23.445 min Scan# 3410
Delta R.T. -0.006 min
Lab File: BP014857.D
Acq: 27 Apr 2023 00:27

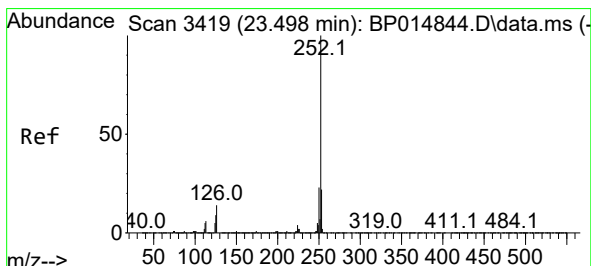
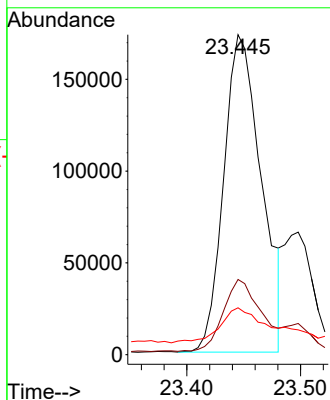
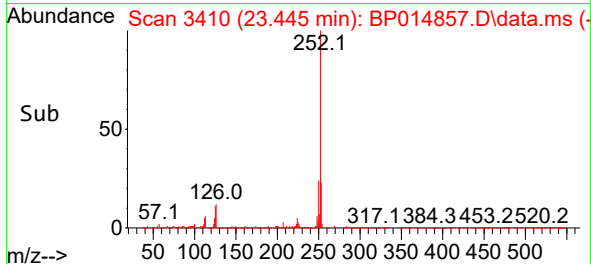
Instrument :
BNA_P
ClientSampleId :
EW912



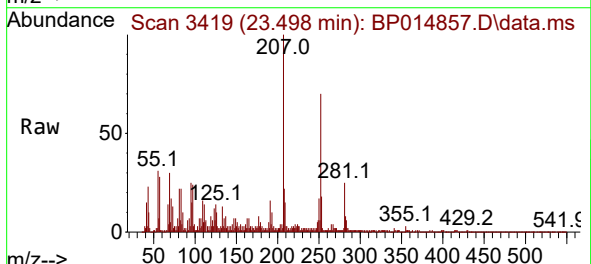
Tgt Ion:252 Resp: 397762
Ion Ratio Lower Upper
252 100
253 23.5 17.2 25.8
125 14.6 7.8 11.8

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Supervised By :Jagrut Upadhyay 04/27/2023



#91
Benzo(k)fluoranthene
Concen: 1.426 ng/ul m
RT: 23.498 min Scan# 3419
Delta R.T. -0.006 min
Lab File: BP014857.D
Acq: 27 Apr 2023 00:27



Tgt Ion:252 Resp: 116677
Ion Ratio Lower Upper
252 100
253 25.4 17.5 26.3
125 20.2 7.9 11.9

