

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042623\
 Data File : BP014838.D
 Acq On : 26 Apr 2023 13:49
 Operator : CG/JU
 Sample : 02418-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW8Z2

Manual Integrations
 APPROVED

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

Quant Time: Apr 26 23:18:21 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	8.204	152	333982	20.000	ng/u1	0.00
20) Naphthalene-d8	11.034	136	1431900	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.834	164	855086	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.580	188	1672227	20.000	ng/u1	0.00
79) Chrysene-d12	21.651	240	920232	20.000	ng/u1	0.00
88) Perylene-d12	24.251	264	1019499	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.511	96	20330	2.393	ng/uL	0.00
4) Pyridine-d5	3.964	84	14896	0.605	ng/u1	0.02
7) Phenol-d5	7.340	99	390316	12.856	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.516	67	286420	15.698	ng/u1	0.00
11) 2-Chlorophenol-d4	7.728	132	345938	15.431	ng/u1	0.00
15) 4-Methylphenol-d8	8.904	113	259062	10.623	ng/u1	0.00
21) Nitrobenzene-d5	9.375	128	178943	16.694	ng/u1	0.00
24) 2-Nitrophenol-d4	10.104	143	178312	16.185	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.646	165	345136	15.072	ng/u1	0.00
31) 4-Chloroaniline-d4	11.163	131	350041	10.653	ng/u1	0.00
46) Dimethylphthalate-d6	14.234	166	1071915	16.155	ng/u1	0.00
49) Acenaphthylene-d8	14.528	160	1289738	16.955	ng/u1	0.00
54) 4-Nitrophenol-d4	15.004	143	48018	3.973	ng/u1	0.00
60) Fluorene-d10	15.822	176	935864	16.567	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.928	200	29572	3.187	ng/u1	0.00
73) Anthracene-d10	17.680	188	1336029	17.015	ng/u1	0.00
81) Pyrene-d10	19.892	212	1280983	22.896	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.080	264	941893	17.821	ng/u1	0.00
Target Compounds					Qvalue	
16) Acetophenone	9.034	105	94619	2.480	ng/u1	98
72) Phenanthrene	17.622	178	441191	4.818	ng/u1	99
80) Fluoranthene	19.569	202	799425	12.124	ng/u1	99
82) Pyrene	19.922	202	679214	9.960	ng/u1	97
85) Benzo(a)anthracene	21.633	228	263019	4.109	ng/u1	99
87) Chrysene	21.692	228	268640	4.427	ng/u1	97
90) Benzo(b)fluoranthene	23.451	252	380993	5.457	ng/u1	96
91) Benzo(k)fluoranthene	23.498	252	122873m	1.815	ng/u1	
93) Benzo(a)pyrene	24.139	252	268762	4.545	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	27.009	276	213232	3.198	ng/u1	96
96) Benzo(g,h,i)perylene	27.862	276	183938	3.481	ng/u1	100

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

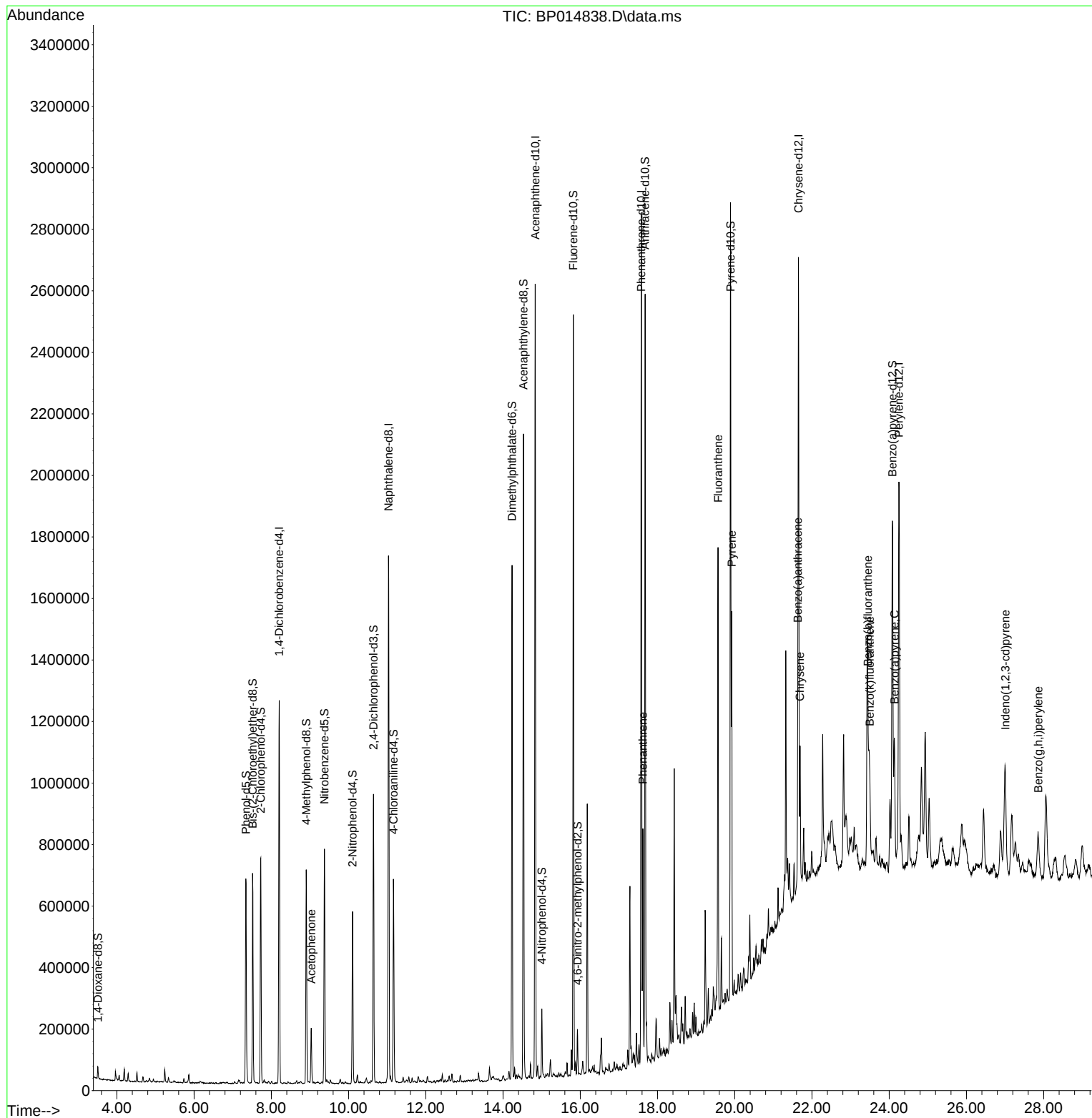
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042623\
 Data File : BP014838.D
 Acq On : 26 Apr 2023 13:49
 Operator : CG/JU
 Sample : 02418-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

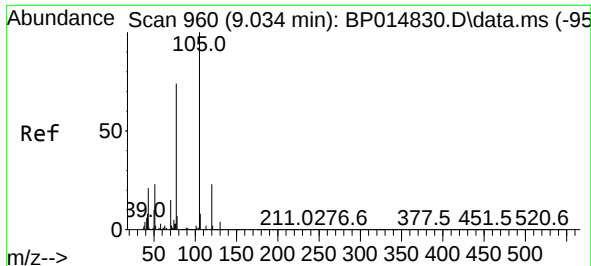
Instrument :
 BNA_P
 ClientSampleId :
 EW8Z2

Quant Time: Apr 26 23:18:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042523.MA.M
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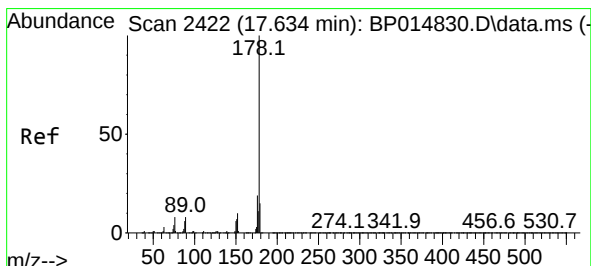
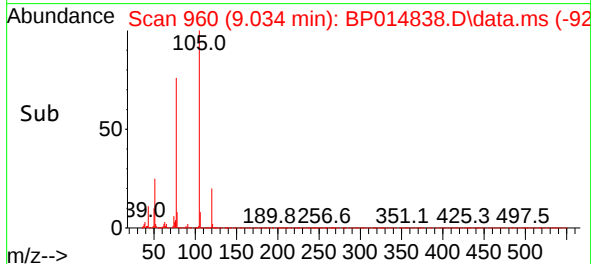
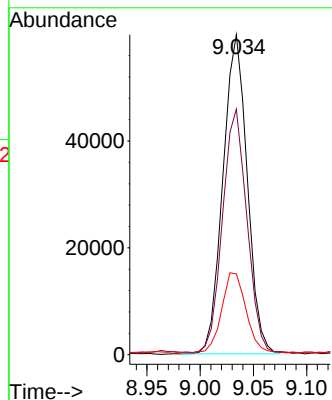
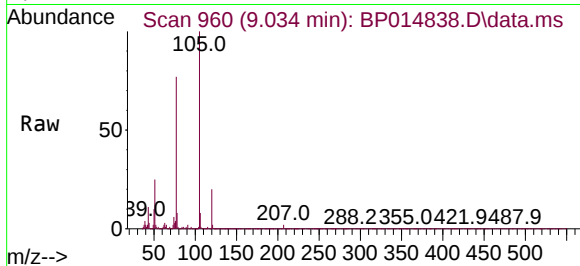
#16
Acetophenone
Concen: 2.480 ng/ul
RT: 9.034 min Scan# 90
Delta R.T. -0.000 min
Lab File: BP014838.D
Acq: 26 Apr 2023 13:49

Instrument :
BNA_P
ClientSampleId :
EW8Z2

Tgt Ion	Ratio	Lower	Upper
105	100		
77	76.7	59.8	89.8
51	25.2	19.6	29.4

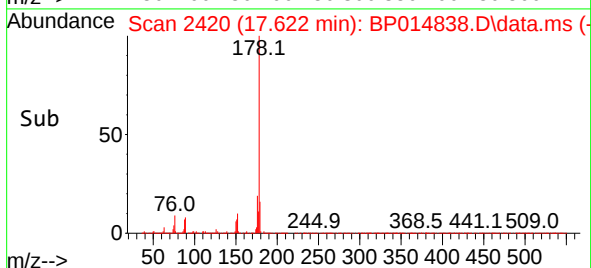
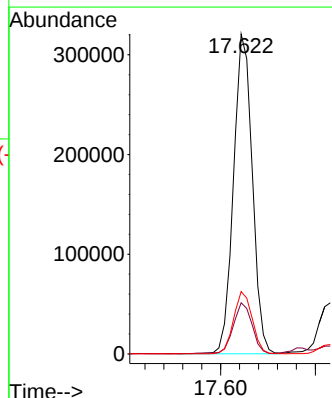
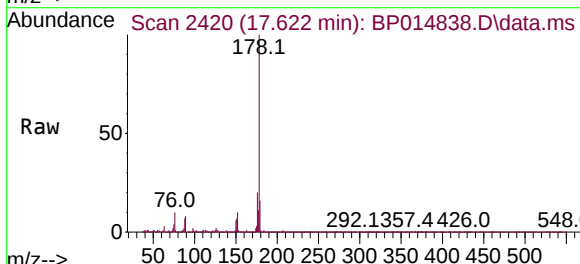
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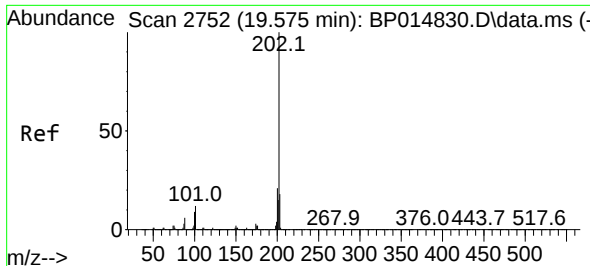
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023



#72
Phenanthrene
Concen: 4.818 ng/ul
RT: 17.622 min Scan# 2420
Delta R.T. -0.000 min
Lab File: BP014838.D
Acq: 26 Apr 2023 13:49

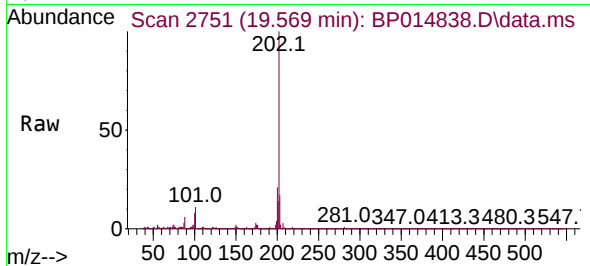
Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.2	18.4
176	19.5	15.7	23.5





#80
Fluoranthene
Concen: 12.124 ng/ul
RT: 19.569 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP014838.D
Acq: 26 Apr 2023 13:49

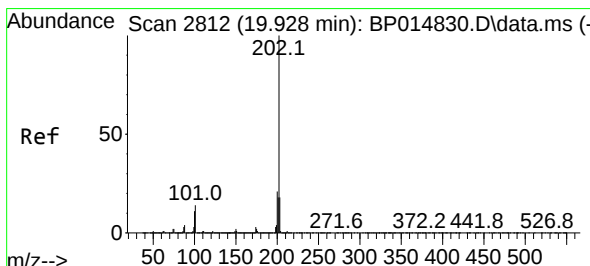
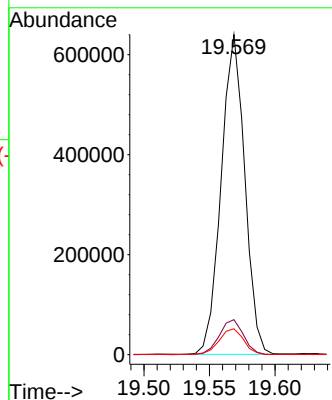
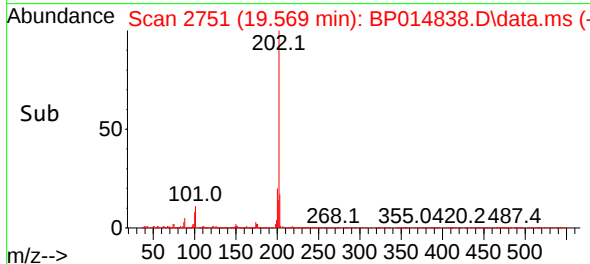
Instrument :
BNA_P
ClientSampleId :
EW8Z2



Tgt Ion:202 Resp: 799425
Ion Ratio Lower Upper
202 100
101 10.9 9.1 13.7
100 8.1 7.0 10.4

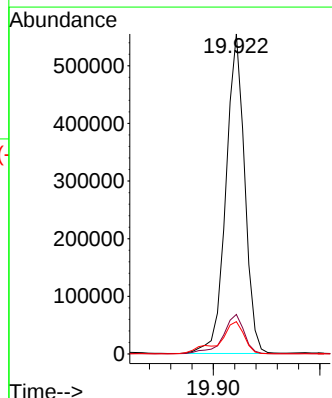
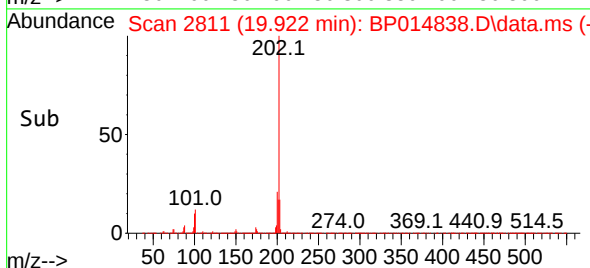
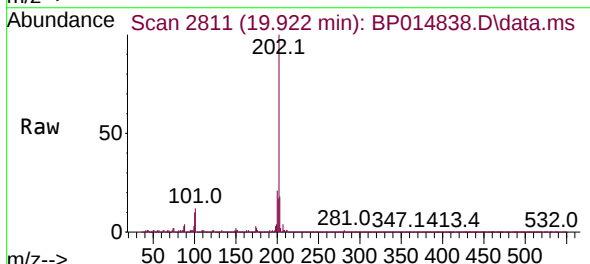
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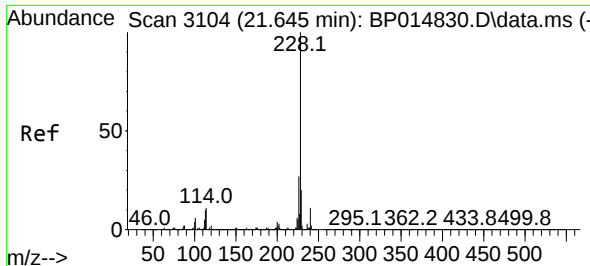
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023



#82
Pyrene
Concen: 9.960 ng/ul
RT: 19.922 min Scan# 2811
Delta R.T. -0.000 min
Lab File: BP014838.D
Acq: 26 Apr 2023 13:49

Tgt Ion:202 Resp: 679214
Ion Ratio Lower Upper
202 100
101 12.4 11.1 16.7
100 10.1 9.0 13.6





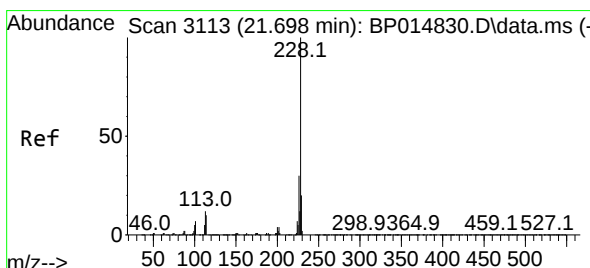
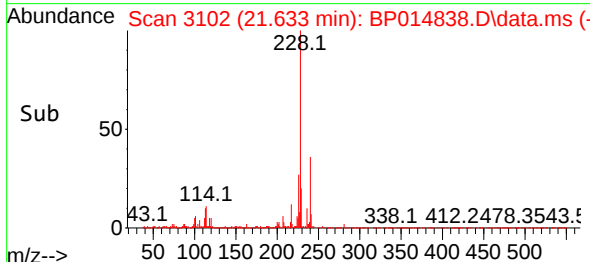
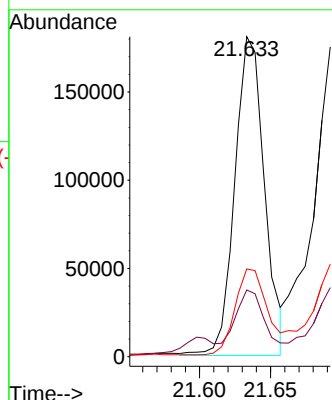
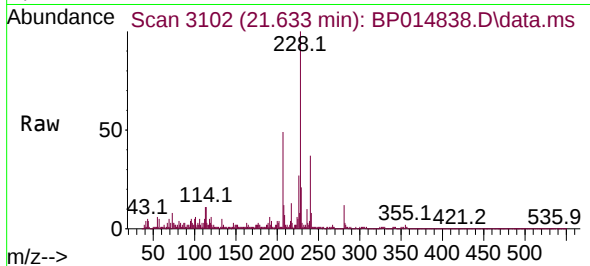
#85
Benzo(a)anthracene
Concen: 4.109 ng/uI
RT: 21.633 min Scan# 3104
Delta R.T. -0.006 min
Lab File: BP014838.D
Acq: 26 Apr 2023 13:49

Instrument :
BNA_P
ClientSampleId :
EW8Z2

Tgt Ion:228 Resp: 263019
Ion Ratio Lower Upper
228 100
229 20.8 15.7 23.5
226 27.4 22.0 33.0

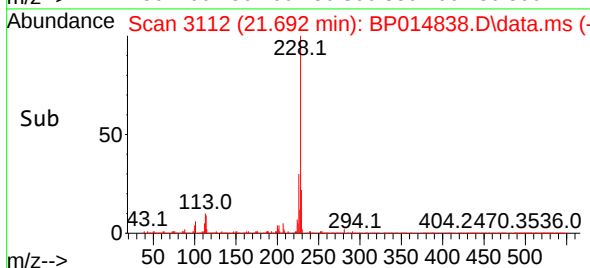
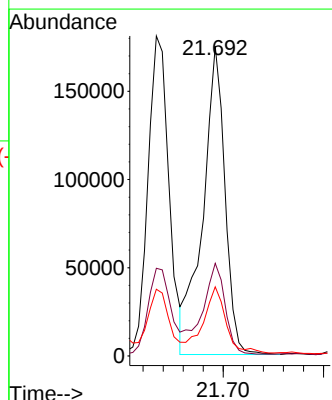
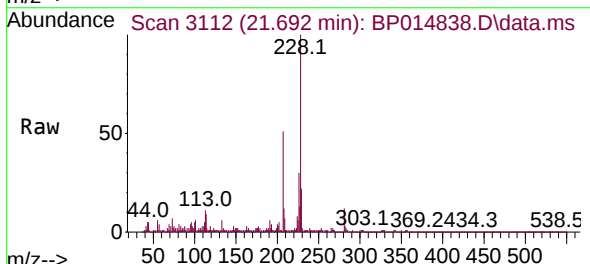
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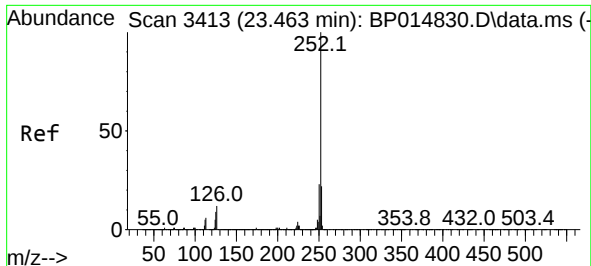
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023



#87
Chrysene
Concen: 4.427 ng/uI
RT: 21.692 min Scan# 3112
Delta R.T. -0.000 min
Lab File: BP014838.D
Acq: 26 Apr 2023 13:49

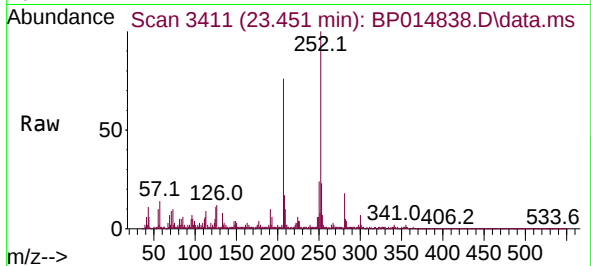
Tgt Ion:228 Resp: 268640
Ion Ratio Lower Upper
228 100
226 29.9 24.5 36.7
229 22.3 16.0 24.0





#90
Benzo(b)fluoranthene
Concen: 5.457 ng/ul
RT: 23.451 min Scan# 3411
Delta R.T. -0.000 min
Lab File: BP014838.D
Acq: 26 Apr 2023 13:49

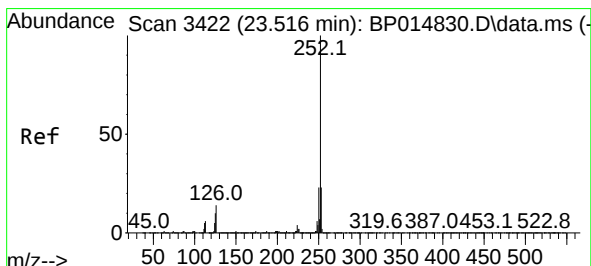
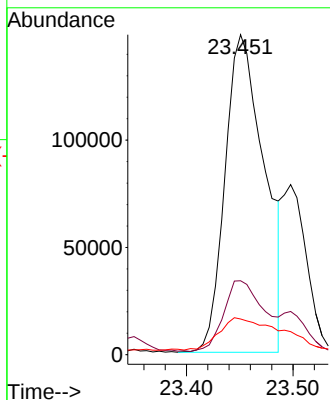
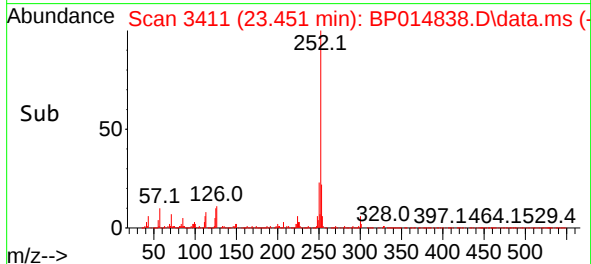
Instrument :
BNA_P
ClientSampleId :
EW8Z2



Tgt Ion:252 Resp: 38099
Ion Ratio Lower Upper
252 100
253 23.1 17.2 25.8
125 11.2 7.8 11.8

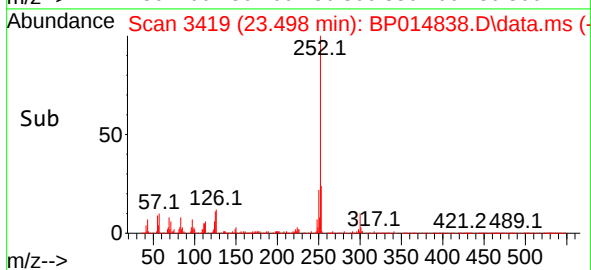
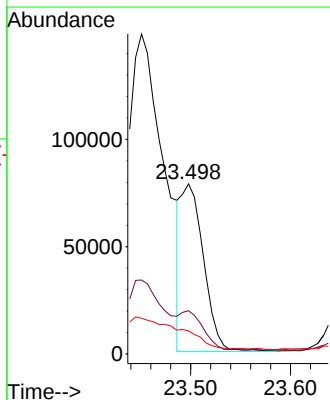
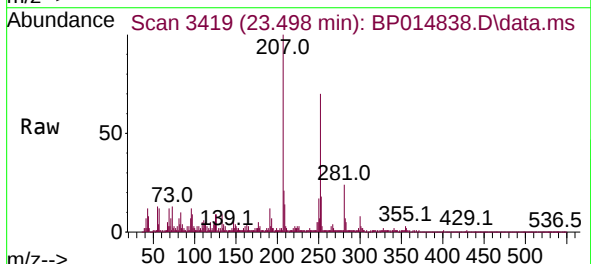
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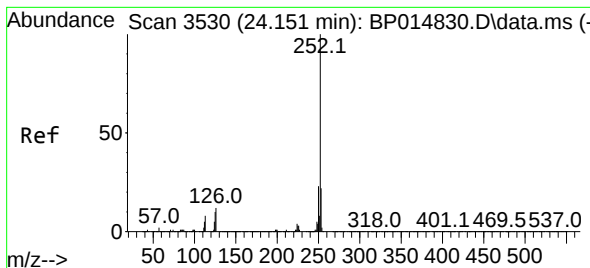
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023



#91
Benzo(k)fluoranthene
Concen: 1.815 ng/ul m
RT: 23.498 min Scan# 3419
Delta R.T. -0.006 min
Lab File: BP014838.D
Acq: 26 Apr 2023 13:49

Tgt Ion:252 Resp: 122873
Ion Ratio Lower Upper
252 100
253 25.4 17.5 26.3
125 13.6 7.9 11.9#





#93

Benzo(a)pyrene

Concen: 4.545 ng/ul

RT: 24.139 min Scan# 3

Delta R.T. -0.000 min

Lab File: BP014838.D

Acq: 26 Apr 2023 13:49

Instrument :

BNA_P

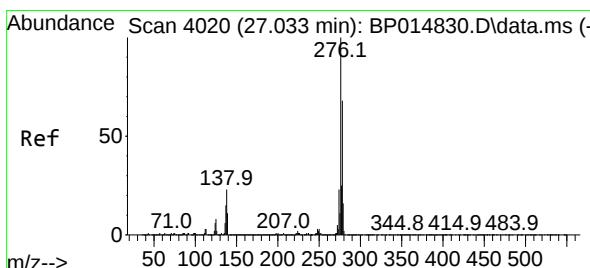
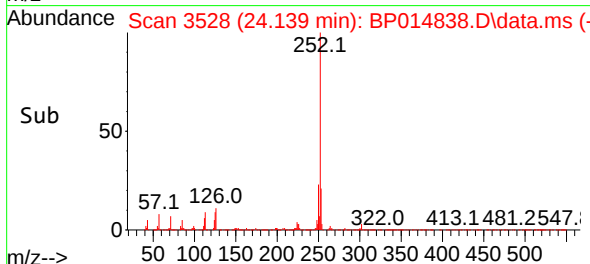
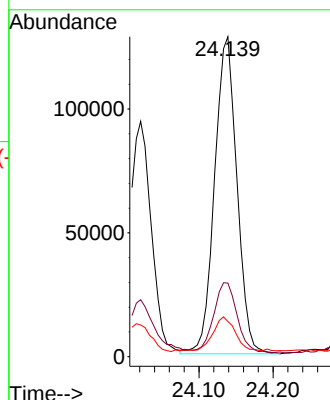
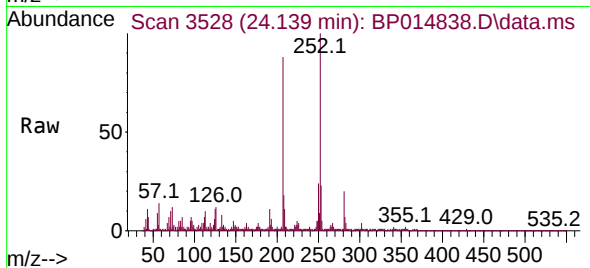
ClientSampleId :

EW8Z2

Tgt Ion:252 Resp: 268762
 Ion Ratio Lower Upper
 252 100
 253 23.0 17.5 26.3
 125 11.0 8.6 12.8

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#94

Indeno(1,2,3-cd)pyrene

Concen: 3.198 ng/ul

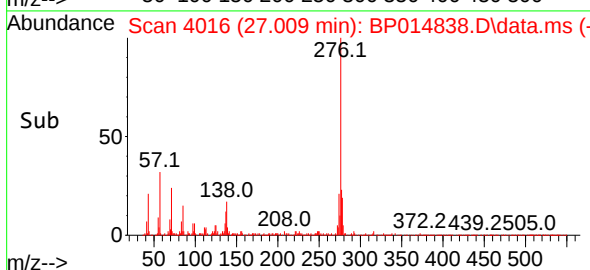
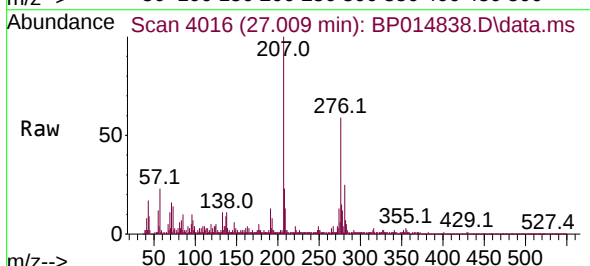
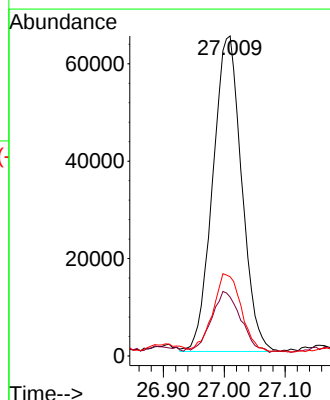
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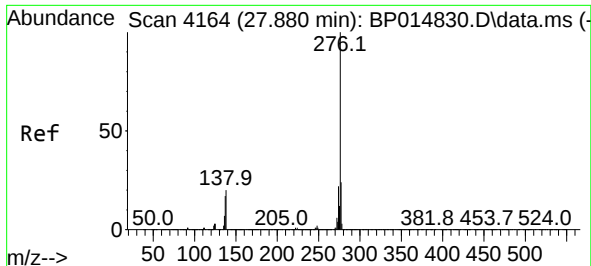
Delta R.T. -0.006 min

Lab File: BP014838.D

Acq: 26 Apr 2023 13:49

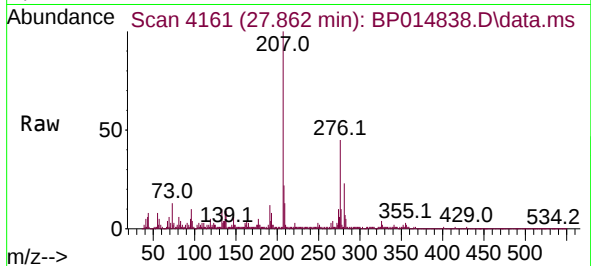
Tgt Ion:276 Resp: 213232
 Ion Ratio Lower Upper
 276 100
 138 18.4 17.7 26.5
 277 24.8 19.6 29.4





#96
 Benzo(g,h,i)perylene
 Concen: 3.481 ng/ul
 RT: 27.862 min Scan# 4161
 Delta R.T. -0.000 min
 Lab File: BP014838.D
 Acq: 26 Apr 2023 13:49

Instrument :
 BNA_P
 ClientSampleId :
 EW8Z2



Tgt Ion:276 Resp: 183938
 Ion Ratio Lower Upper
 276 100
 138 20.1 16.2 24.2
 277 23.3 18.9 28.3

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