

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
 Data File : BP018909.D
 Acq On : 18 Dec 2023 16:26
 Operator : MA/JU
 Sample : 05794-22 20X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BGRG3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/19/2023
 Supervised By :mohammad ahmed 12/20/2023

Quant Time: Dec 18 23:24:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 13 23:34:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	277797	20.000	ng/u1	0.00
20) Naphthalene-d8	10.622	136	1004749	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.463	164	574987	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.210	188	1176548	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	1159288	20.000	ng/u1	0.00
88) Perylene-d12	23.674	264	1407190	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	859	0.105	ng/uL	0.01
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.005	99	13964	0.501	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.169	67	9591	0.580	ng/u1	0.00
11) 2-Chlorophenol-d4	7.363	132	11812	0.543	ng/u1	0.00
15) 4-Methylphenol-d8	8.546	113	11298	0.501	ng/u1	0.00
21) Nitrobenzene-d5	8.993	128	5322	0.595	ng/u1	0.00
24) 2-Nitrophenol-d4	9.710	143	5268	0.568	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.251	165	9516	0.502	ng/u1	0.00
31) 4-Chloroaniline-d4	10.775	131	5386m	0.217	ng/u1	0.00
46) Dimethylphthalate-d6	13.875	166	33169	0.646	ng/u1	0.00
49) Acenaphthylene-d8	14.151	160	37587	0.665	ng/u1	0.00
54) 4-Nitrophenol-d4	14.675	143	211	0.025	ng/u1	0.00
60) Fluorene-d10	15.451	176	30025	0.697	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.581	200	450	0.064	ng/u1	0.00
73) Anthracene-d10	17.310	188	48441	0.783	ng/u1	0.00
81) Pyrene-d10	19.551	212	56102	0.622	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.521	264	57277	0.698	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.251	178	371315	5.226	ng/u1	100
74) Anthracene	17.345	178	87379	1.227	ng/u1	98
80) Fluoranthene	19.227	202	586694m	5.500	ng/u1	
82) Pyrene	19.580	202	517622	4.810	ng/u1	94
85) Benzo(a)anthracene	21.286	228	234634	2.494	ng/u1	97
87) Chrysene	21.339	228	239417	2.763	ng/u1	96
90) Benzo(b)fluoranthene	22.951	252	253421	2.443	ng/u1#	91
93) Benzo(a)pyrene	23.562	252	186869	1.971	ng/u1#	94
94) Indeno(1,2,3-cd)pyrene	26.127	276	126309	1.115	ng/u1	94

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

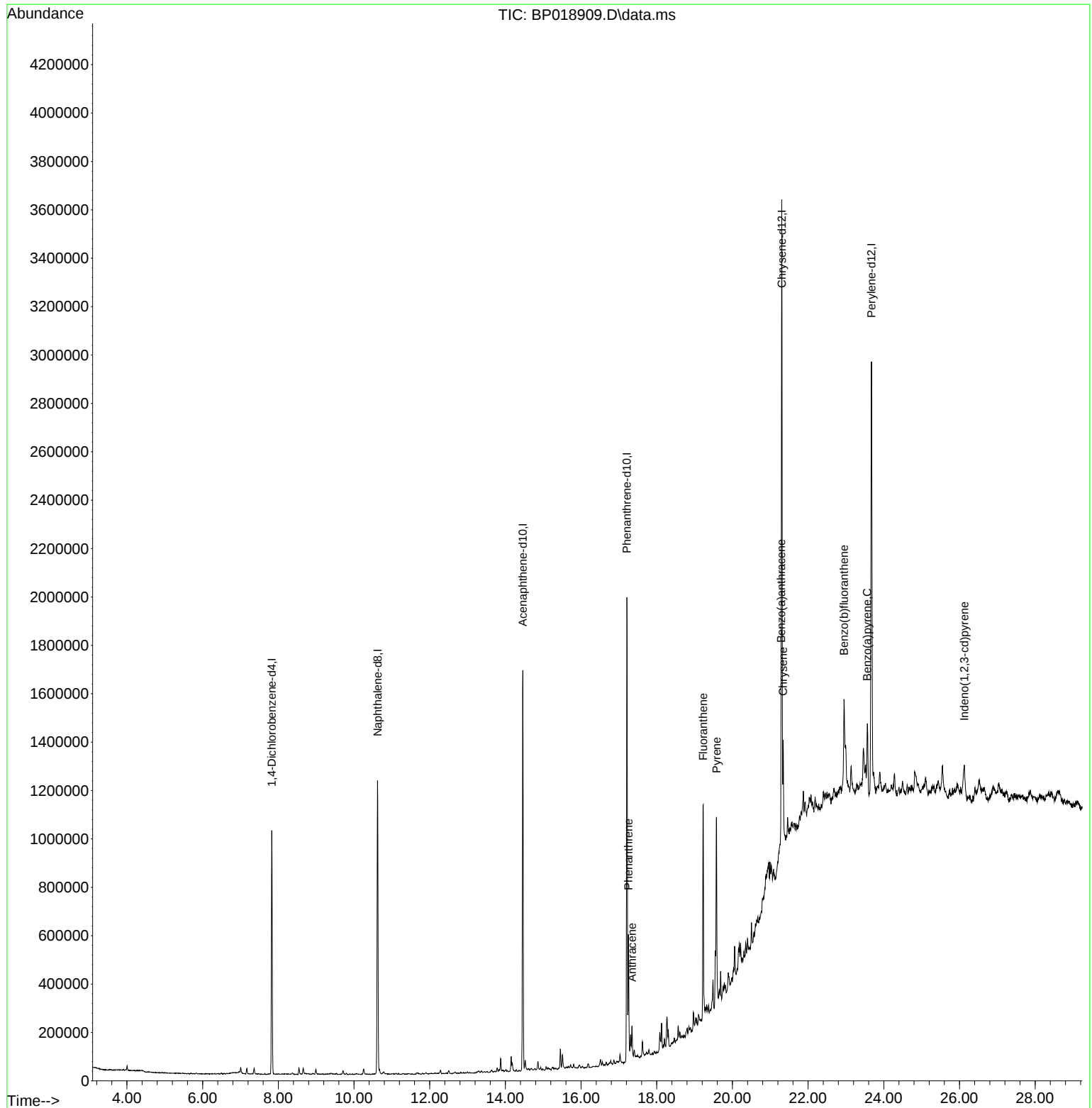
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
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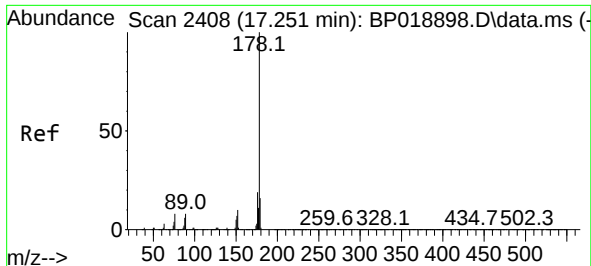
Instrument :
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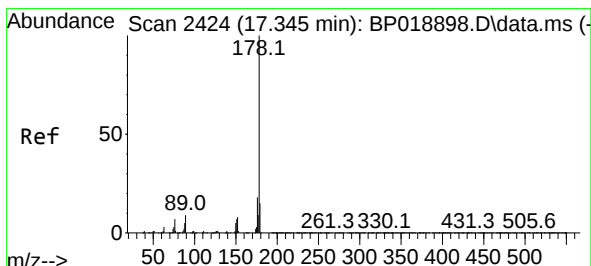
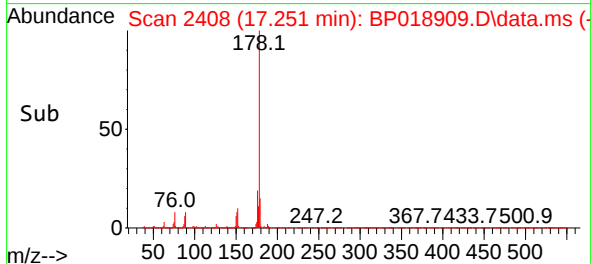
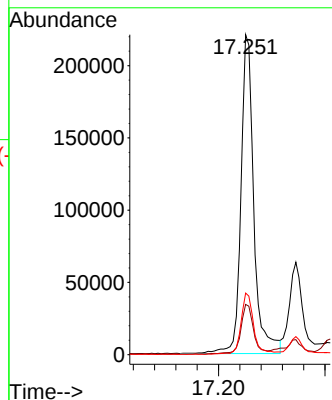
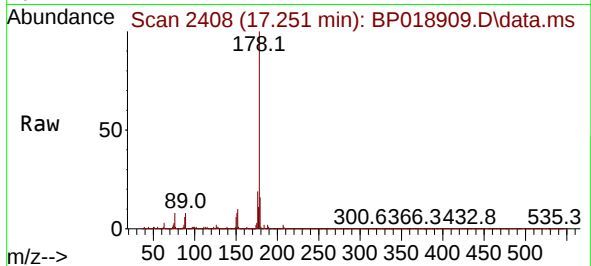
#72
Phenanthrene
Concen: 5.226 ng/ul
RT: 17.251 min Scan# 2408
Delta R.T. -0.006 min
Lab File: BP018909.D
Acq: 18 Dec 2023 16:26

Instrument :
BNA_P
ClientSampleId :
BGRG3

Tgt Ion:178 Resp: 37131
Ion Ratio Lower Upper
178 100
179 15.7 12.3 18.5
176 19.2 15.4 23.2

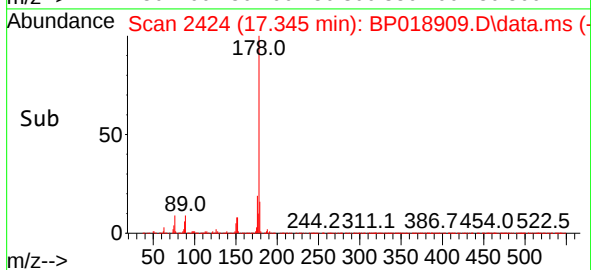
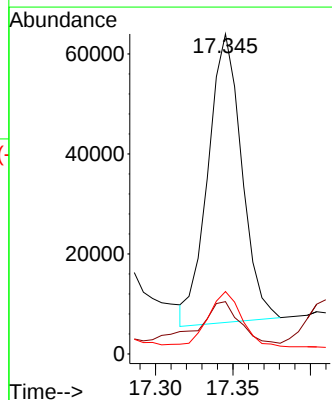
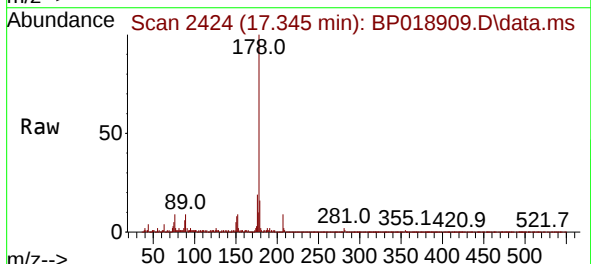
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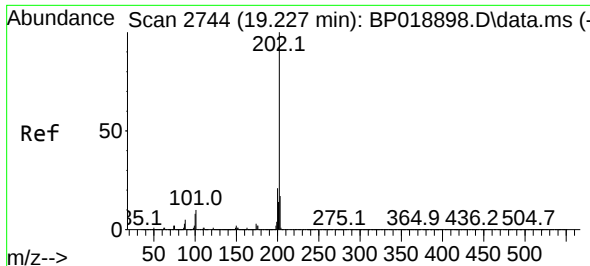
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/20/2023



#74
Anthracene
Concen: 1.227 ng/ul
RT: 17.345 min Scan# 2424
Delta R.T. -0.000 min
Lab File: BP018909.D
Acq: 18 Dec 2023 16:26

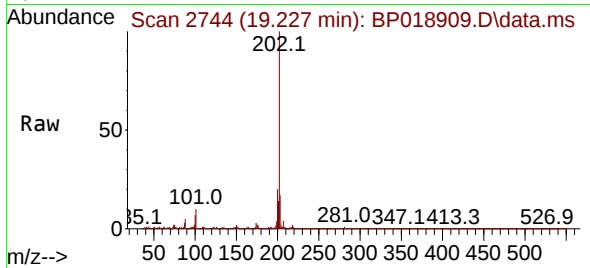
Tgt Ion:178 Resp: 87379
Ion Ratio Lower Upper
178 100
179 16.3 12.5 18.7
176 19.5 15.0 22.6





#80
Fluoranthene
Concen: 5.500 ng/ul m
RT: 19.227 min Scan# 2744
Delta R.T. -0.000 min
Lab File: BP018909.D
Acq: 18 Dec 2023 16:26

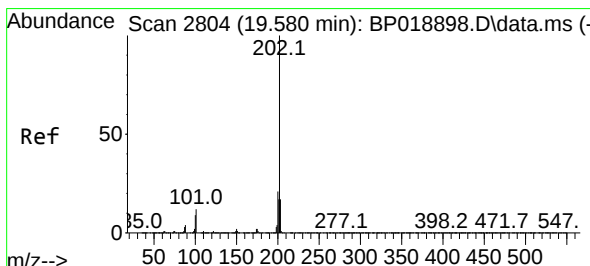
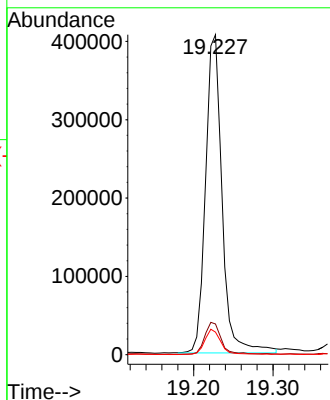
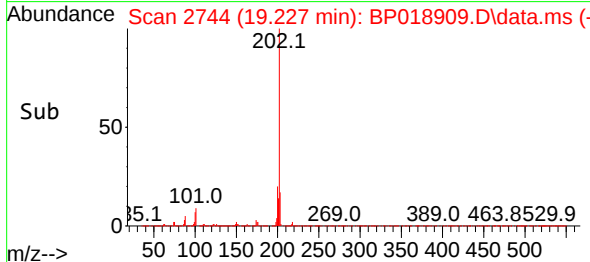
Instrument :
BNA_P
ClientSampleId :
BGRG3



Tgt Ion:202 Resp: 586694
Ion Ratio Lower Upper
202 100
101 9.6 9.1 13.7
100 7.1 7.1 10.7

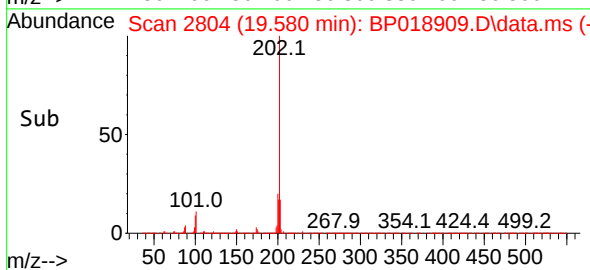
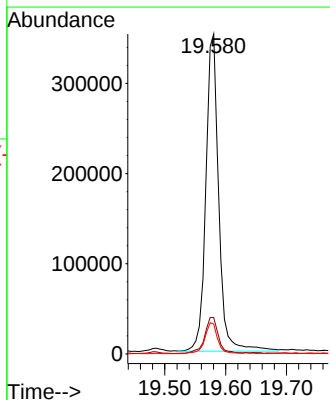
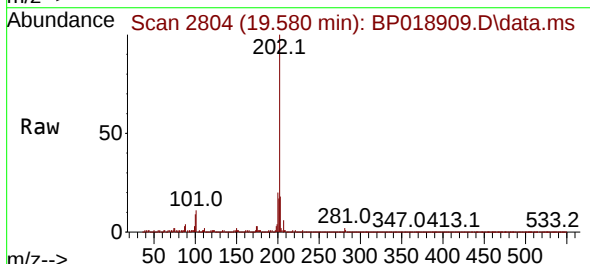
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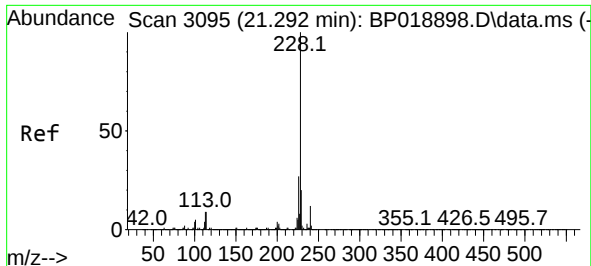
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/20/2023



#82
Pyrene
Concen: 4.810 ng/ul
RT: 19.580 min Scan# 2804
Delta R.T. -0.000 min
Lab File: BP018909.D
Acq: 18 Dec 2023 16:26

Tgt Ion:202 Resp: 517622
Ion Ratio Lower Upper
202 100
101 11.4 11.0 16.4
100 9.4 9.1 13.7





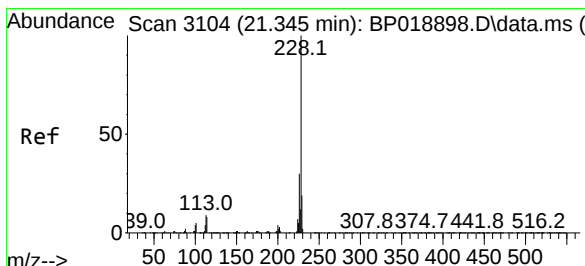
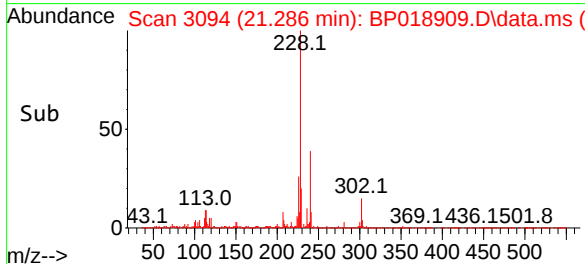
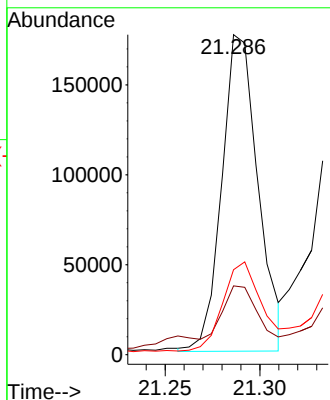
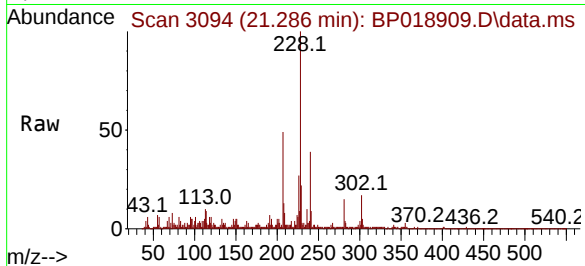
#85
Benzo(a)anthracene
Concen: 2.494 ng/ul
RT: 21.286 min Scan# 3094
Delta R.T. -0.000 min
Lab File: BP018909.D
Acq: 18 Dec 2023 16:26

Instrument :
BNA_P
ClientSampleId :
BGRG3

Tgt Ion:228 Resp: 234634
Ion Ratio Lower Upper
228 100
229 21.5 15.7 23.5
226 26.6 21.9 32.9

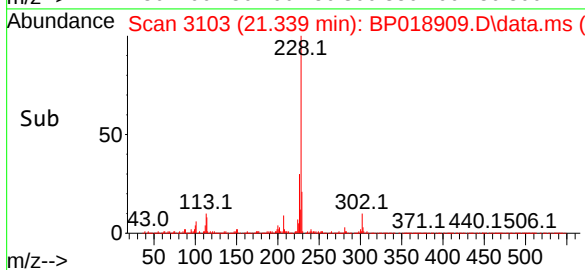
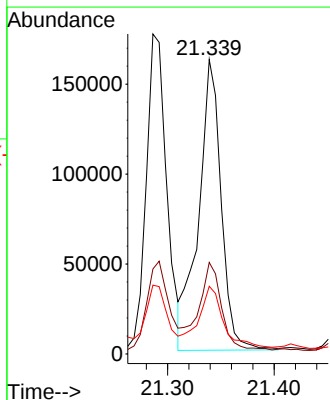
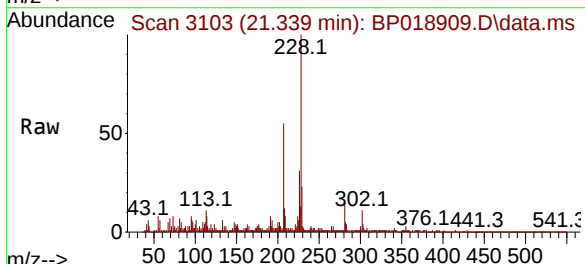
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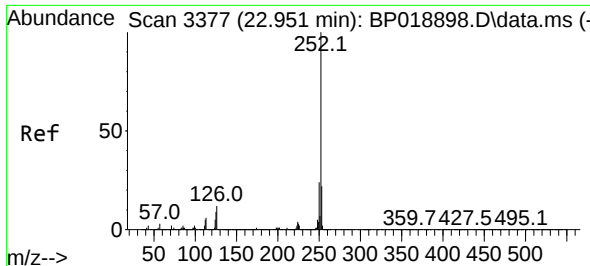
Reviewed By :Yogesh Patel 12/19/2023
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#87
Chrysene
Concen: 2.763 ng/ul
RT: 21.339 min Scan# 3103
Delta R.T. -0.000 min
Lab File: BP018909.D
Acq: 18 Dec 2023 16:26

Tgt Ion:228 Resp: 239417
Ion Ratio Lower Upper
228 100
226 31.1 23.9 35.9
229 23.0 15.6 23.4





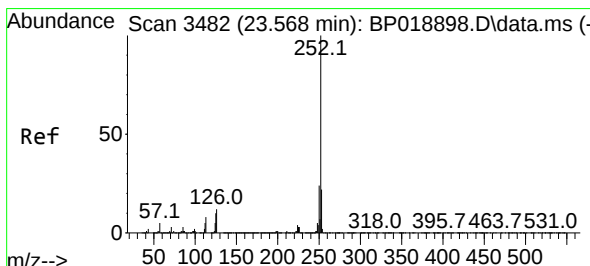
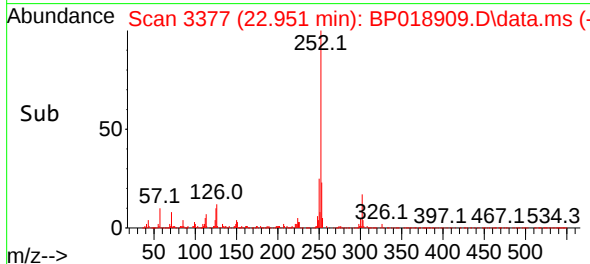
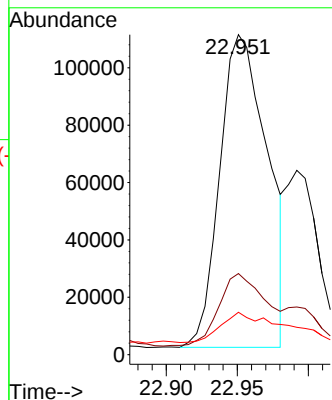
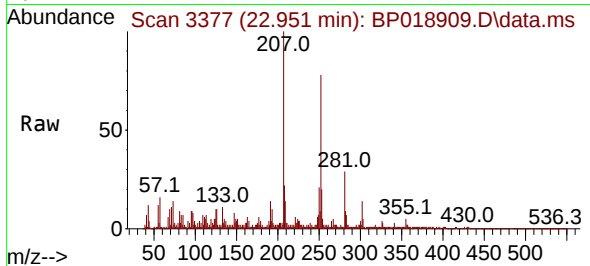
#90
Benzo(b)fluoranthene
Concen: 2.443 ng/u1
RT: 22.951 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP018909.D
Acq: 18 Dec 2023 16:26

Instrument :
BNA_P
ClientSampleId :
BGRG3

Tgt Ion:252 Resp: 25342
Ion Ratio Lower Upper
252 100
253 25.4 17.3 25.9
125 13.3 7.8 11.6

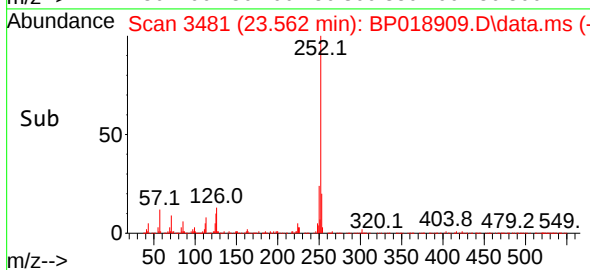
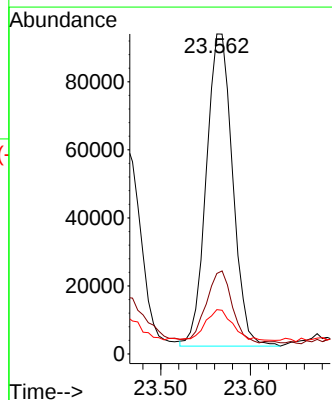
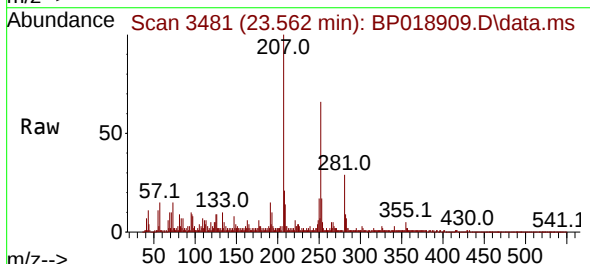
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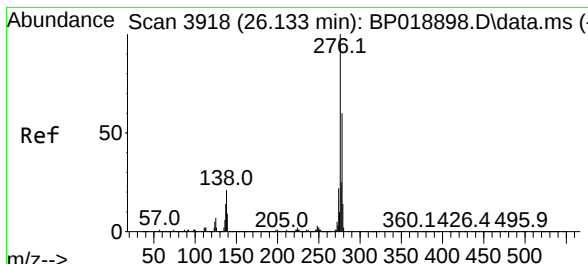
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/20/2023



#93
Benzo(a)pyrene
Concen: 1.971 ng/u1
RT: 23.562 min Scan# 3481
Delta R.T. -0.000 min
Lab File: BP018909.D
Acq: 18 Dec 2023 16:26

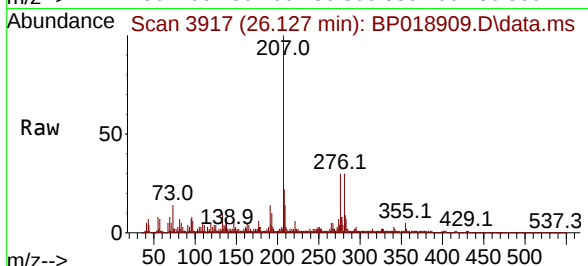
Tgt Ion:252 Resp: 186869
Ion Ratio Lower Upper
252 100
253 25.2 17.8 26.8
125 13.9 9.2 13.8





#94
 Indeno(1,2,3-cd)pyrene
 Concen: 1.115 ng/ul
 RT: 26.127 min Scan# 3917
 Delta R.T. 0.006 min
 Lab File: BP018909.D
 Acq: 18 Dec 2023 16:26

Instrument :
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Tgt Ion: 276 Resp: 126309
 Ion Ratio Lower Upper
 276 100
 138 22.1 19.4 29.2
 277 28.0 19.8 29.6

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