

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102524\
 Data File : BP022625.D
 Acq On : 26 Oct 2024 00:44
 Operator : RC/JU
 Sample : P4436-15
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4F39

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/26/2024
 Supervised By :mohammad ahmed 10/29/2024

Quant Time: Oct 26 01:20:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 22 05:59:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	90368	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.404	136	342315	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.269	164	265845	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.069	188	643310	20.000	ng/u1	-0.01
79) Chrysene-d12	21.516	240	699048	20.000	ng/u1	0.02
88) Perylene-d12	24.780	264	830341	20.000	ng/u1	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	4391	1.888	ng/uL	-0.01
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.846	99	97595	12.830	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.993	67	57353	12.828	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.193	132	75500	13.988	ng/u1	-0.01
15) 4-Methylphenol-d8	8.357	113	63807	10.511	ng/u1	0.00
21) Nitrobenzene-d5	8.787	128	36246	13.771	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.504	143	42852	14.063	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.040	165	88772	13.707	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.551	131	65197	8.519	ng/u1	0.00
46) Dimethylphthalate-d6	13.669	166	290384	13.748	ng/u1	-0.01
49) Acenaphthylene-d8	13.957	160	314733	14.029	ng/u1	0.00
54) 4-Nitrophenol-d4	14.522	143	31707m	8.948	ng/u1	0.02
60) Fluorene-d10	15.281	176	267972	14.627	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.422	200	26219	6.197	ng/u1	0.00
73) Anthracene-d10	17.169	188	431153	14.247	ng/u1	0.00
81) Pyrene-d10	19.557	212	486291	13.155	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.551	264	384185	8.664	ng/u1	0.02
Target Compounds						
					Qvalue	
16) Acetophenone	8.463	105	21036	2.099	ng/u1	95
72) Phenanthrene	17.110	178	63499	1.845	ng/u1	97
80) Fluoranthene	19.210	202	220337	5.185	ng/u1	99
82) Pyrene	19.586	202	133712	2.936	ng/u1	98
85) Benzo(a)anthracene	21.498	228	96057	1.960	ng/u1	97
87) Chrysene	21.557	228	111186	2.447	ng/u1	99
90) Benzo(b)fluoranthene	23.745	252	154104	2.948	ng/u1	97
91) Benzo(k)fluoranthene	23.810	252	64341m	1.257	ng/u1	

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

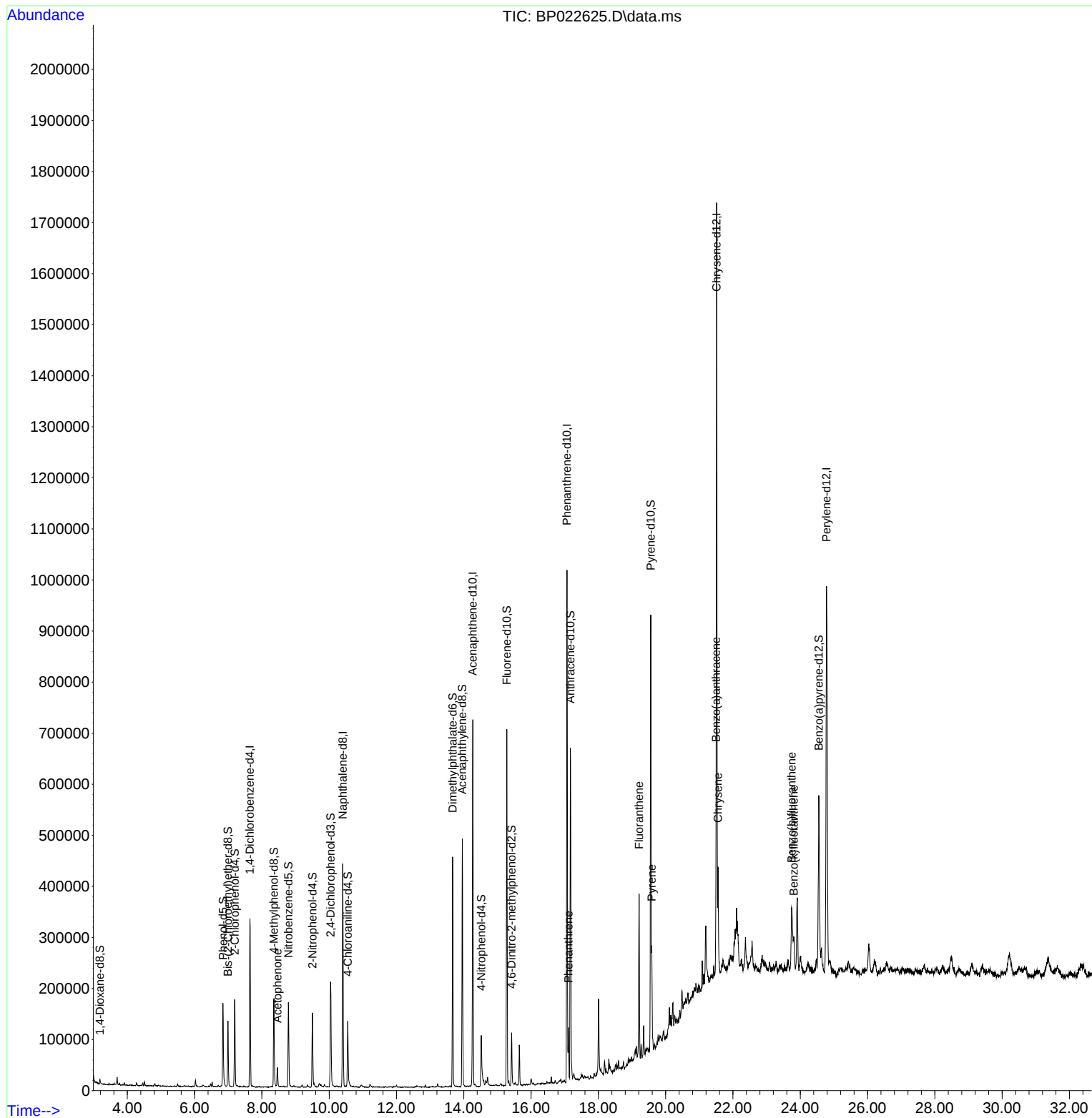
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102524\
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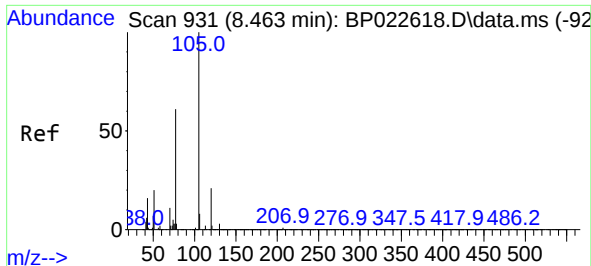
Instrument :
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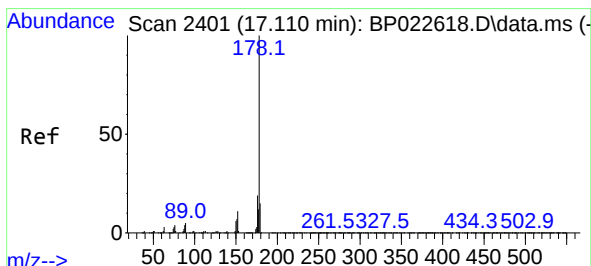
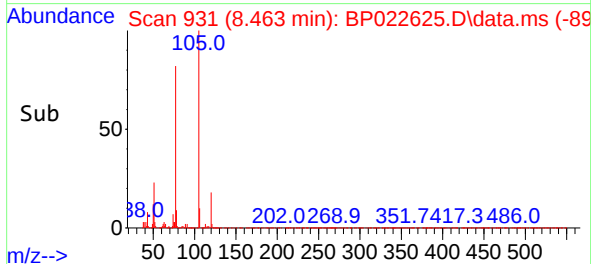
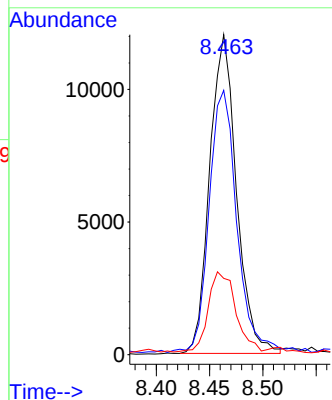
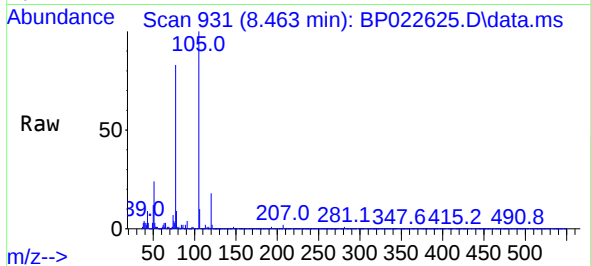
#16
Acetophenone
Concen: 2.099 ng/u1
RT: 8.463 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP022625.D
Acq: 26 Oct 2024 00:44

Instrument :
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ClientSampleId :
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Tgt Ion:105 Resp: 2103
Ion Ratio Lower Upper
105 100
77 82.6 69.0 103.4
51 23.8 22.6 33.8

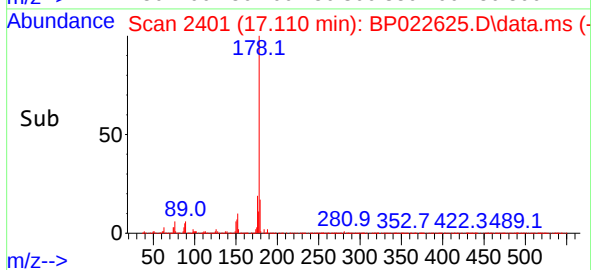
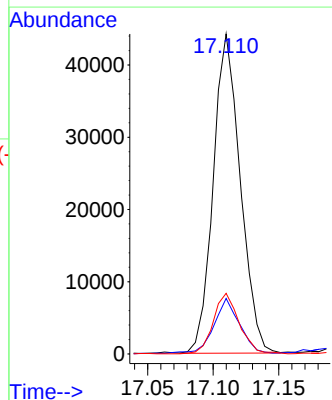
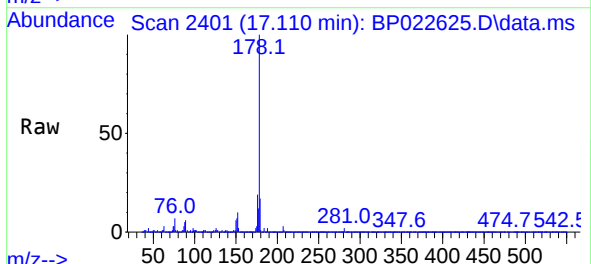
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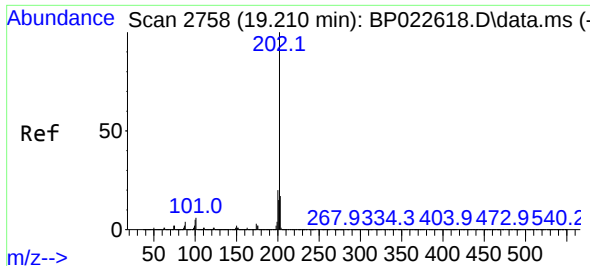
Reviewed By :Yogesh Patel 10/26/2024
Supervised By :mohammad ahmed 10/29/2024



#72
Phenanthrene
Concen: 1.845 ng/u1
RT: 17.110 min Scan# 2401
Delta R.T. -0.006 min
Lab File: BP022625.D
Acq: 26 Oct 2024 00:44

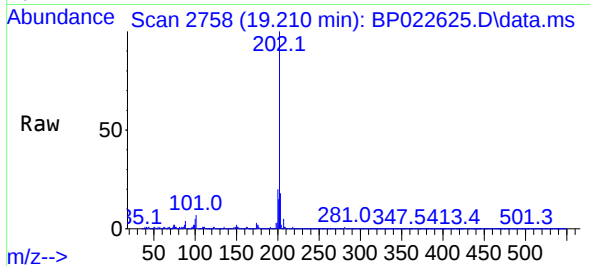
Tgt Ion:178 Resp: 63499
Ion Ratio Lower Upper
178 100
179 17.3 12.2 18.4
176 18.9 15.7 23.5





#80
Fluoranthene
Concen: 5.185 ng/u1
RT: 19.210 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP022625.D
Acq: 26 Oct 2024 00:44

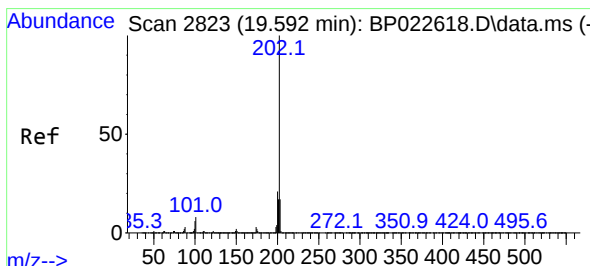
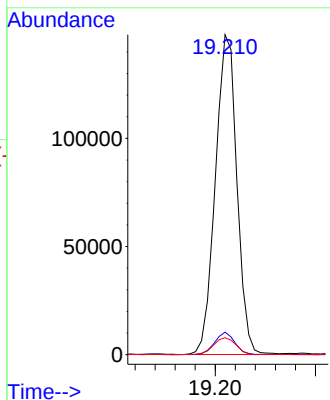
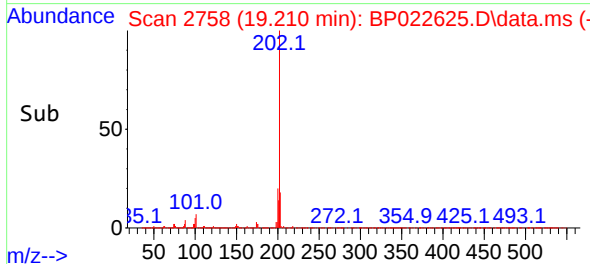
Instrument :
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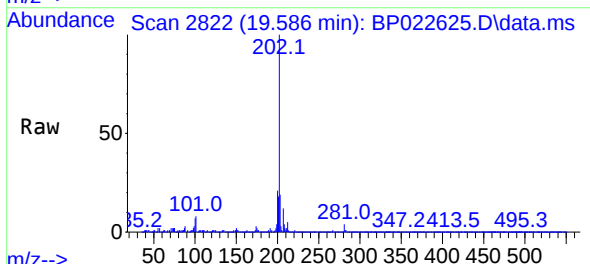
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Ion Ratio Lower Upper
202 100
101 7.1 5.8 8.8
100 5.3 4.5 6.7

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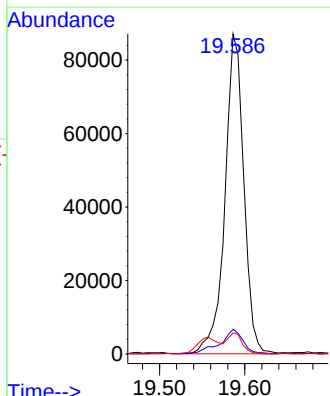
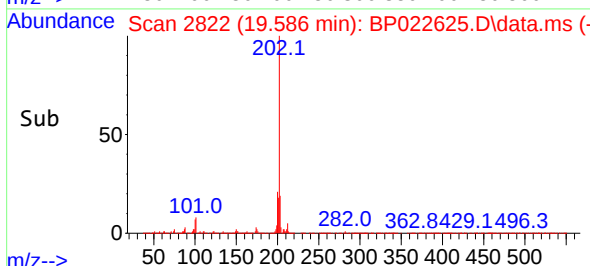
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Supervised By :mohammad ahmed 10/29/2024

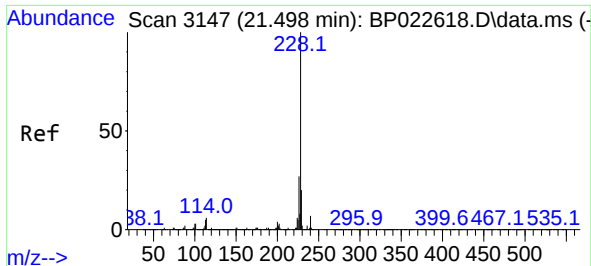


#82
Pyrene
Concen: 2.936 ng/u1
RT: 19.586 min Scan# 2822
Delta R.T. 0.000 min
Lab File: BP022625.D
Acq: 26 Oct 2024 00:44



Tgt Ion:202 Resp: 133712
Ion Ratio Lower Upper
202 100
101 7.7 6.7 10.1
100 6.6 5.8 8.6





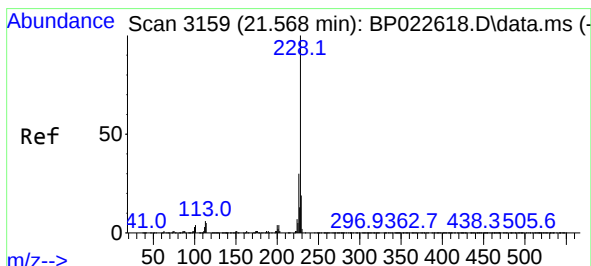
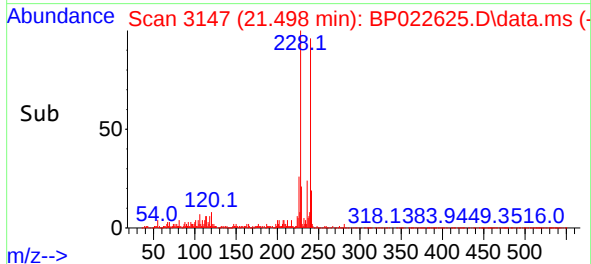
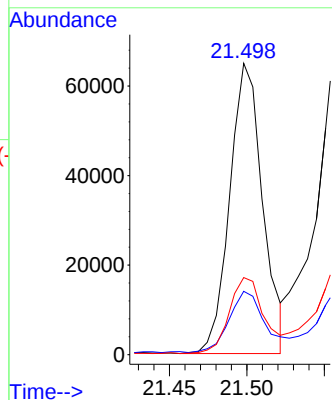
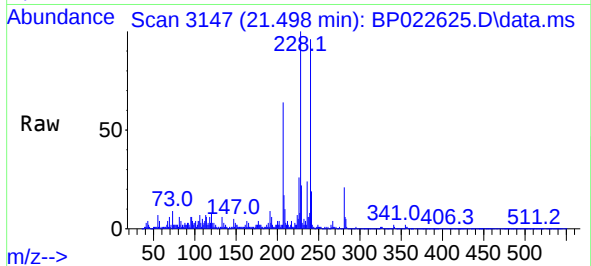
#85
Benzo(a)anthracene
Concen: 1.960 ng/ul
RT: 21.498 min Scan# 3147
Delta R.T. 0.018 min
Lab File: BP022625.D
Acq: 26 Oct 2024 00:44

Instrument :
BNA_P
ClientSampleId :
A4F39

Tgt Ion:228 Resp: 9605
Ion Ratio Lower Upper
228 100
229 21.7 15.4 23.0
226 26.5 21.5 32.3

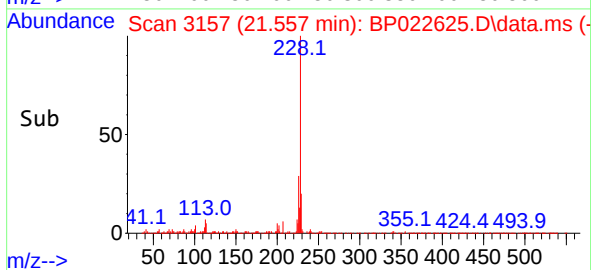
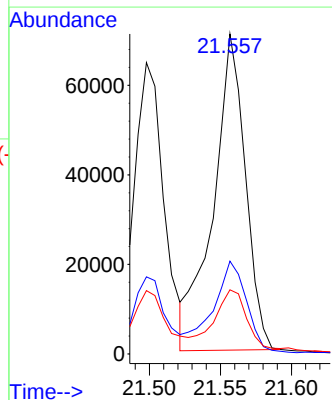
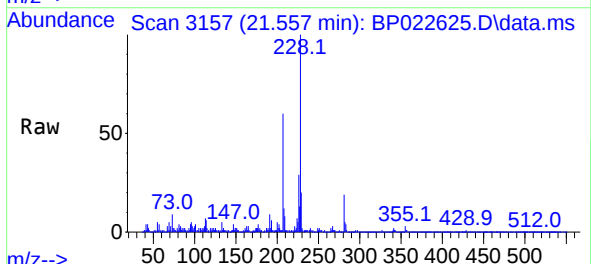
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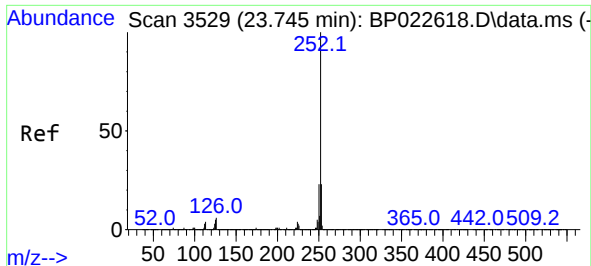
Reviewed By :Yogesh Patel 10/26/2024
Supervised By :mohammad ahmed 10/29/2024



#87
Chrysene
Concen: 2.447 ng/ul
RT: 21.557 min Scan# 3157
Delta R.T. 0.012 min
Lab File: BP022625.D
Acq: 26 Oct 2024 00:44

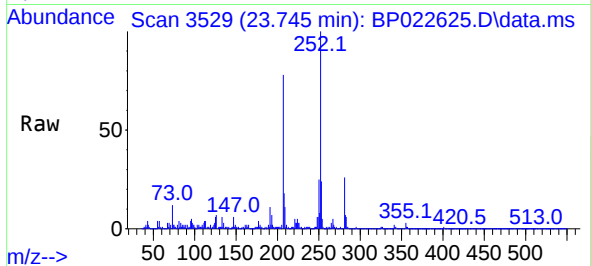
Tgt Ion:228 Resp: 111186
Ion Ratio Lower Upper
228 100
226 29.0 23.8 35.8
229 20.0 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 2.948 ng/ul
RT: 23.745 min Scan# 3529
Delta R.T. 0.024 min
Lab File: BP022625.D
Acq: 26 Oct 2024 00:44

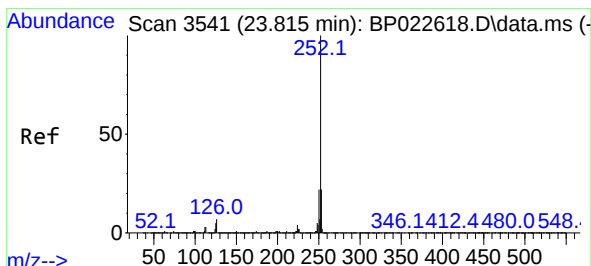
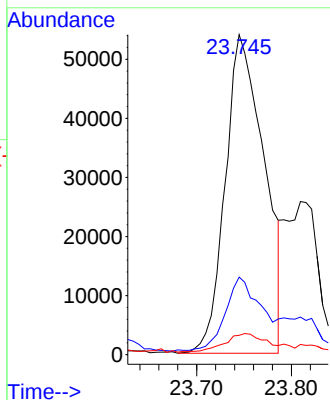
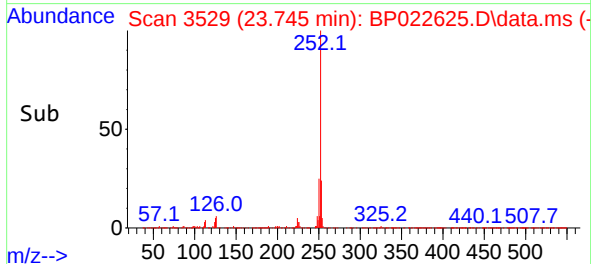
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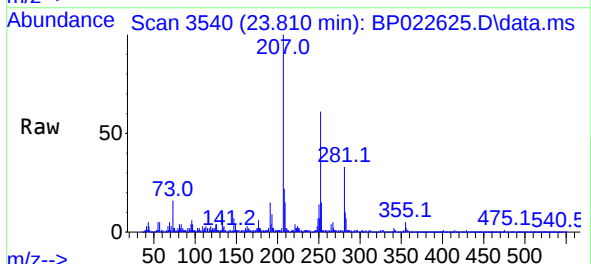
Tgt Ion:252 Resp: 154104
Ion Ratio Lower Upper
252 100
253 24.3 17.8 26.8
125 6.0 5.0 7.4

Manual Integrations
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Supervised By :mohammad ahmed 10/29/2024



#91
Benzo(k)fluoranthene
Concen: 1.257 ng/ul m
RT: 23.810 min Scan# 3540
Delta R.T. 0.018 min
Lab File: BP022625.D
Acq: 26 Oct 2024 00:44



Tgt Ion:252 Resp: 64341
Ion Ratio Lower Upper
252 100
253 24.5 17.4 26.0
125 6.7 4.6 6.8

