

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102524\
 Data File : BP022613.D
 Acq On : 25 Oct 2024 15:56
 Operator : RC/JU
 Sample : P4436-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4F52

Manual Integrations
 APPROVED

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

Quant Time: Oct 25 23:54:40 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	7.652	152	119651	20.000	ng/u1	0.00
20) Naphthalene-d8	10.405	136	473292	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.257	164	371348	20.000	ng/u1	-0.02
64) Phenanthrene-d10	17.063	188	871875	20.000	ng/u1	-0.02
79) Chrysene-d12	21.504	240	933173	20.000	ng/u1	0.00
88) Perylene-d12	24.768	264	1112767	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	4998	1.623	ng/uL	0.00
4) Pyridine-d5	3.617	84	13485	1.595	ng/u1	0.00
7) Phenol-d5	6.846	99	97217	9.652	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.999	67	54135	9.145	ng/u1	0.00
11) 2-Chlorophenol-d4	7.199	132	75422	10.553	ng/u1	0.00
15) 4-Methylphenol-d8	8.358	113	67397	8.385	ng/u1	0.00
21) Nitrobenzene-d5	8.793	128	34932	9.599	ng/u1	0.00
24) 2-Nitrophenol-d4	9.505	143	43629	10.355	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.046	165	91296	10.195	ng/u1	0.00
31) 4-Chloroaniline-d4	10.552	131	66341	6.270	ng/u1	0.00
46) Dimethylphthalate-d6	13.669	166	309998	10.507	ng/u1	-0.01
49) Acenaphthylene-d8	13.951	160	327007	10.435	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.516	143	34291m	6.928	ng/u1	0.01
60) Fluorene-d10	15.275	176	281408	10.996	ng/u1	-0.02
65) 4,6-Dinitro-2-methylph...	15.422	200	37122	6.474	ng/u1	0.00
73) Anthracene-d10	17.157	188	433901	10.579	ng/u1	-0.01
81) Pyrene-d10	19.545	212	476436	9.655	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.533	264	365396	6.149	ng/u1	0.00
Target Compounds					Qvalue	
16) Acetophenone	8.463	105	26366	1.987	ng/u1	94
72) Phenanthrene	17.104	178	131310	2.815	ng/u1	99
80) Fluoranthene	19.198	202	259914	4.581	ng/u1	100
82) Pyrene	19.575	202	156736	2.578	ng/u1	99
85) Benzo(a)anthracene	21.480	228	124258	1.899	ng/u1	99
87) Chrysene	21.557	228	128373	2.116	ng/u1	97
90) Benzo(b)fluoranthene	23.745	252	162383	2.318	ng/u1	97
91) Benzo(k)fluoranthene	23.798	252	71496m	1.043	ng/u1	

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

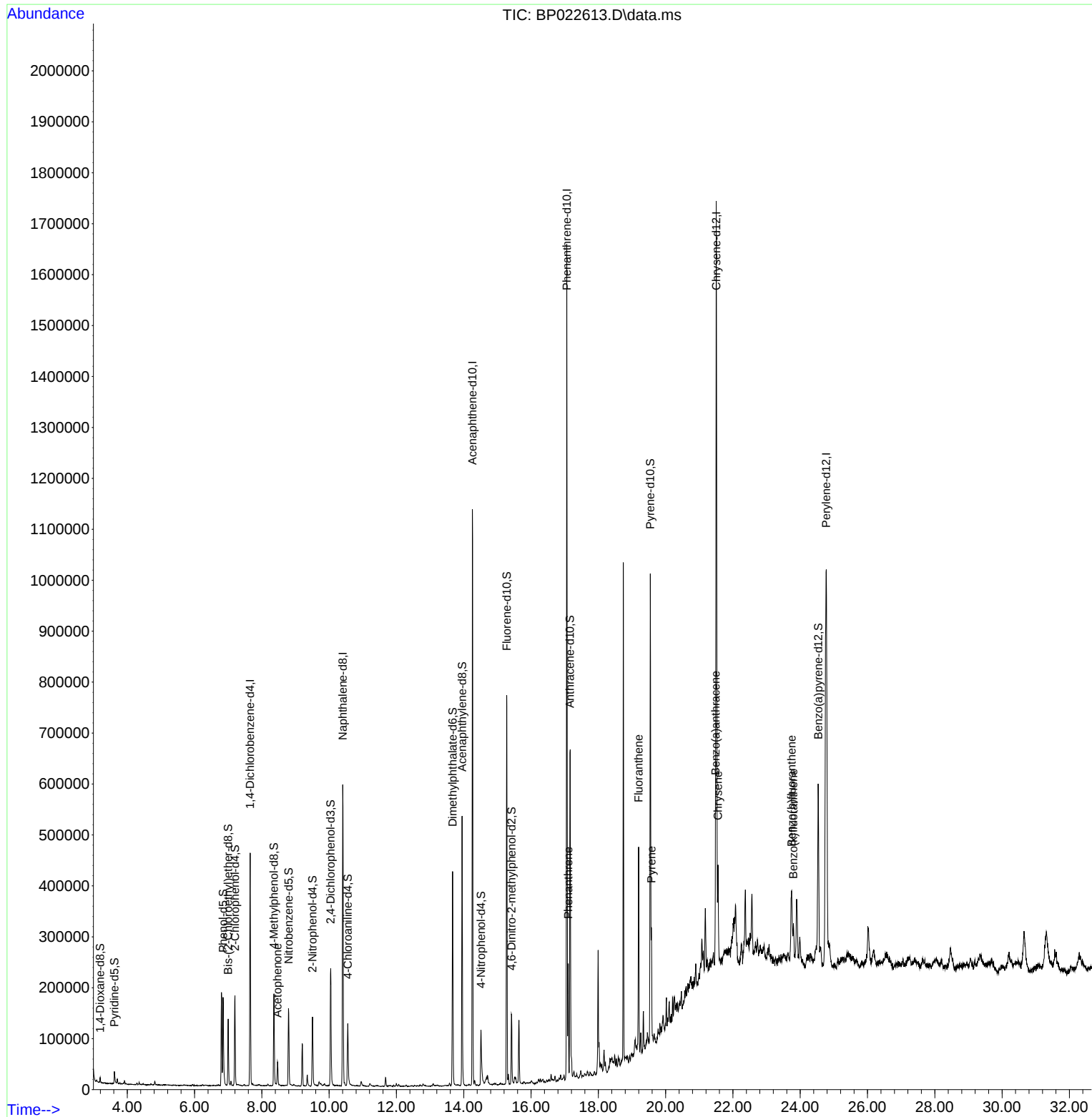
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102524\
Data File : BP022613.D
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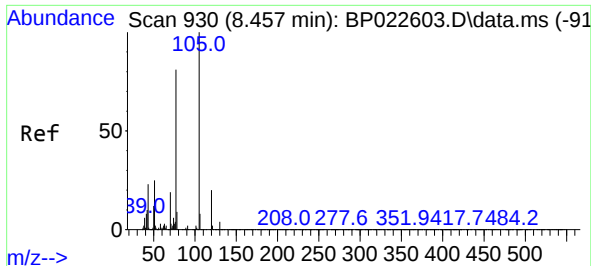
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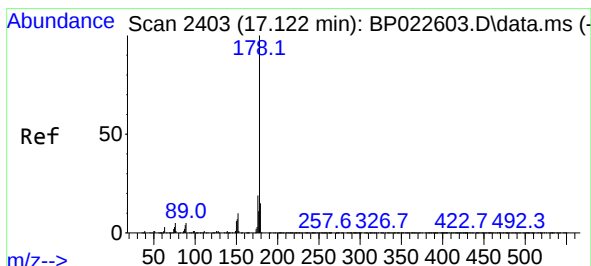
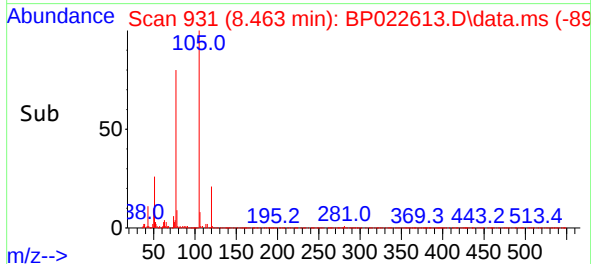
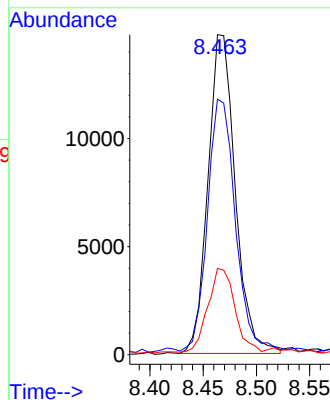
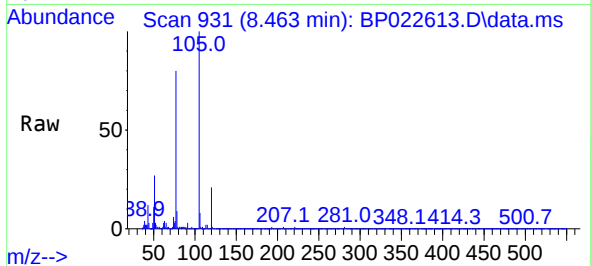
#16
Acetophenone
Concen: 1.987 ng/ul
RT: 8.463 min Scan# 91
Delta R.T. -0.005 min
Lab File: BP022613.D
Acq: 25 Oct 2024 15:56

Instrument :
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ClientSampleId :
A4F52

Tgt Ion:105 Resp: 2636
Ion Ratio Lower Upper
105 100
77 79.8 69.0 103.4
51 27.0 22.6 33.8

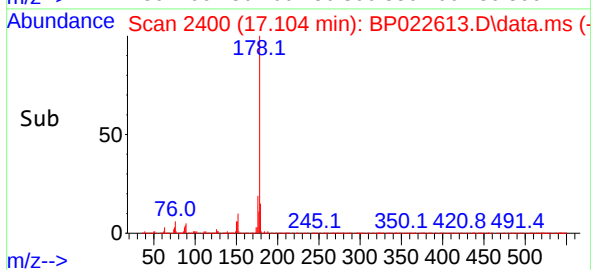
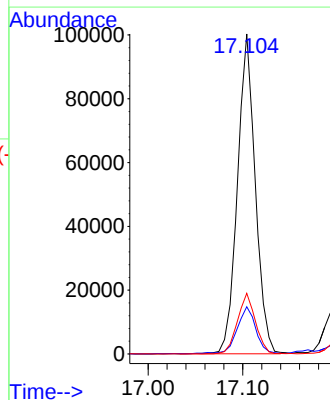
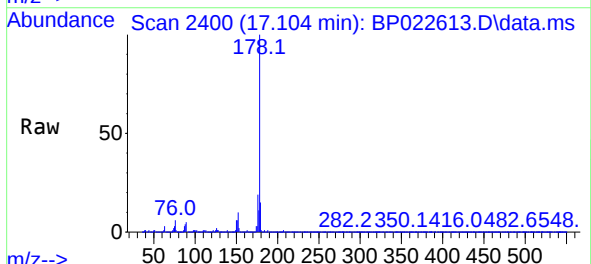
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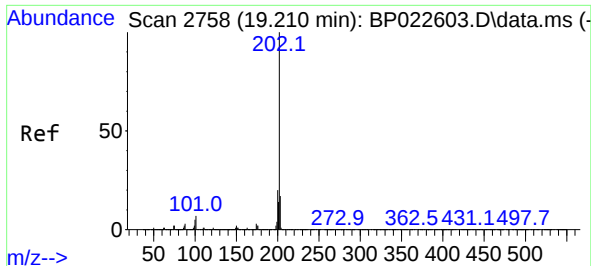
Reviewed By :Yogesh Patel 10/26/2024
Supervised By :mohammad ahmed 10/29/2024



#72
Phenanthrene
Concen: 2.815 ng/ul
RT: 17.104 min Scan# 2400
Delta R.T. -0.011 min
Lab File: BP022613.D
Acq: 25 Oct 2024 15:56

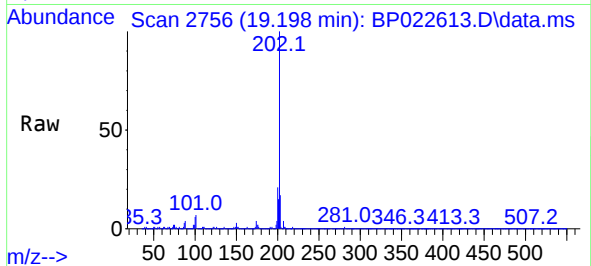
Tgt Ion:178 Resp: 131310
Ion Ratio Lower Upper
178 100
179 14.7 12.2 18.4
176 19.0 15.7 23.5





#80
Fluoranthene
Concen: 4.581 ng/u1
RT: 19.198 min Scan# 21
Delta R.T. -0.011 min
Lab File: BP022613.D
Acq: 25 Oct 2024 15:56

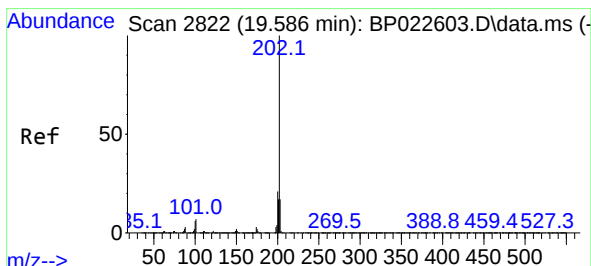
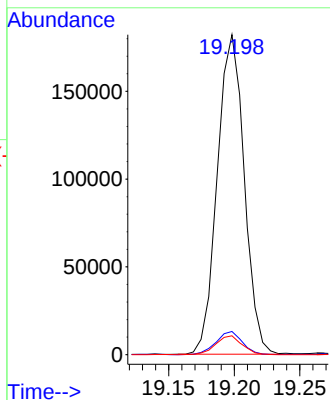
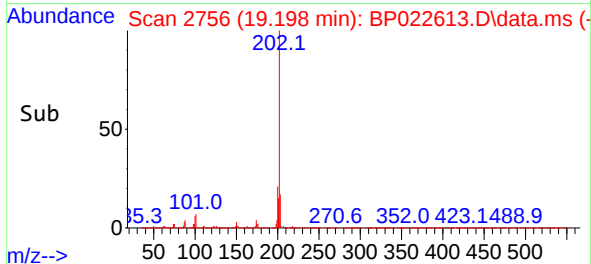
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ClientSampleId :
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Tgt Ion:202 Resp: 259914
Ion Ratio Lower Upper
202 100
101 7.3 5.8 8.8
100 5.9 4.5 6.7

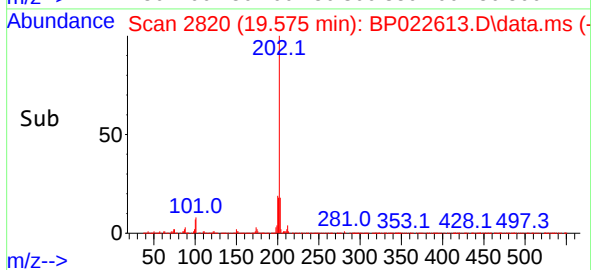
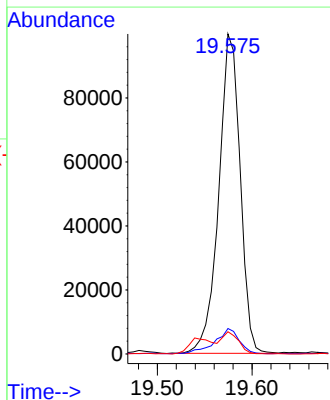
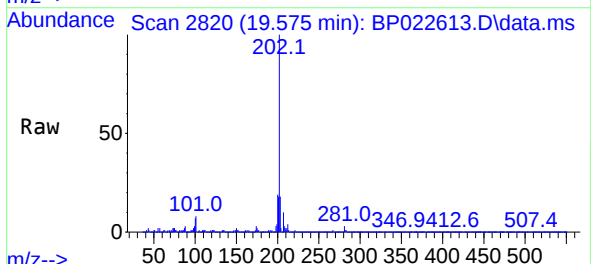
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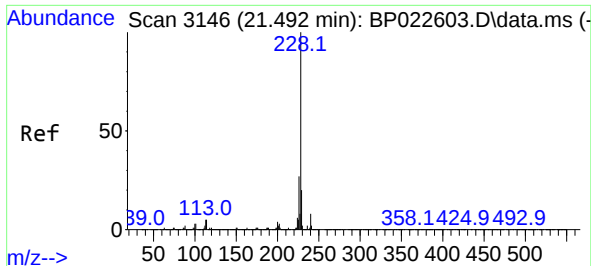
Reviewed By :Yogesh Patel 10/26/2024
Supervised By :mohammad ahmed 10/29/2024



#82
Pyrene
Concen: 2.578 ng/u1
RT: 19.575 min Scan# 2820
Delta R.T. -0.011 min
Lab File: BP022613.D
Acq: 25 Oct 2024 15:56

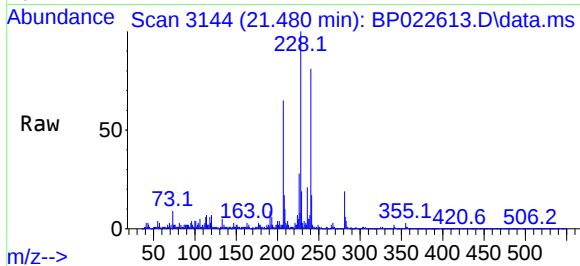
Tgt Ion:202 Resp: 156736
Ion Ratio Lower Upper
202 100
101 8.0 6.7 10.1
100 7.0 5.8 8.6





#85
Benzo(a)anthracene
Concen: 1.899 ng/u1
RT: 21.480 min Scan# 3146
Delta R.T. 0.000 min
Lab File: BP022613.D
Acq: 25 Oct 2024 15:56

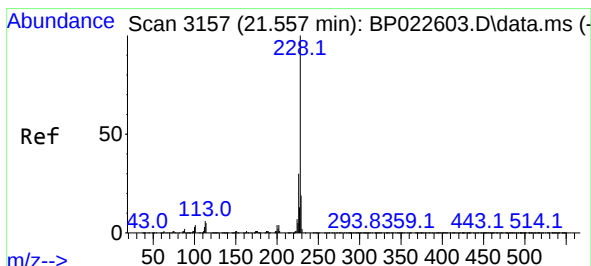
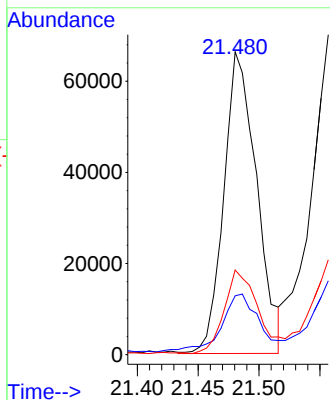
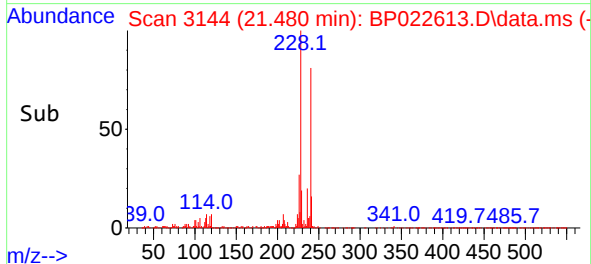
Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:228 Resp: 124258
Ion Ratio Lower Upper
228 100
229 19.4 15.4 23.0
226 27.9 21.5 32.3

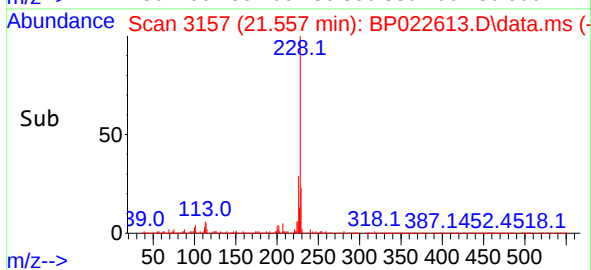
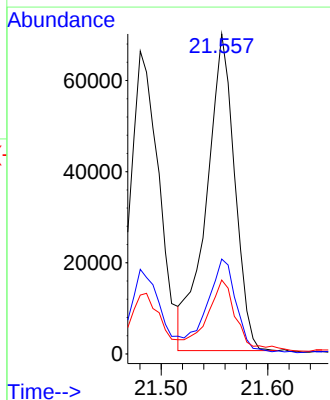
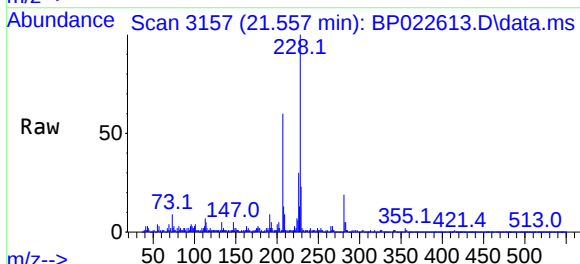
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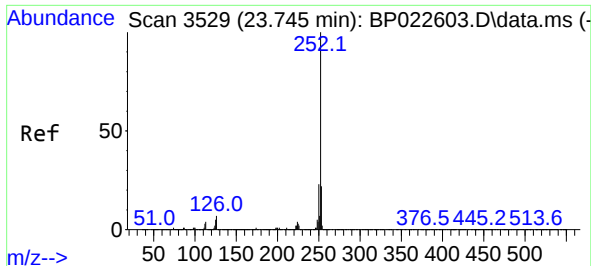
Reviewed By :Yogesh Patel 10/26/2024
Supervised By :mohammad ahmed 10/29/2024



#87
Chrysene
Concen: 2.116 ng/u1
RT: 21.557 min Scan# 3157
Delta R.T. 0.012 min
Lab File: BP022613.D
Acq: 25 Oct 2024 15:56

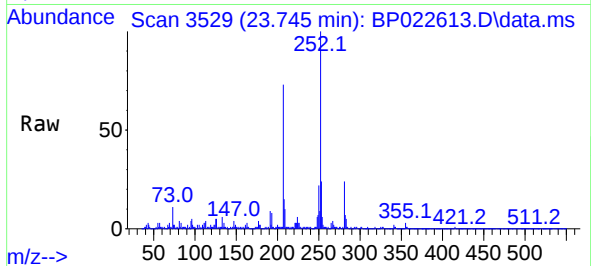
Tgt Ion:228 Resp: 128373
Ion Ratio Lower Upper
228 100
226 29.7 23.8 35.8
229 23.1 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 2.318 ng/ul
RT: 23.745 min Scan# 3529
Delta R.T. 0.024 min
Lab File: BP022613.D
Acq: 25 Oct 2024 15:56

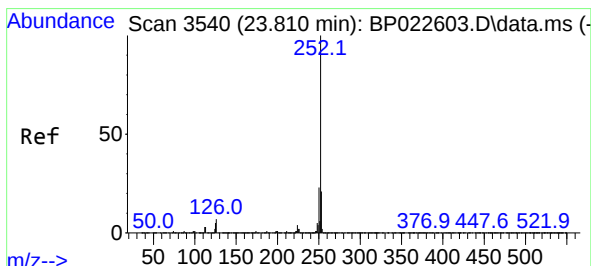
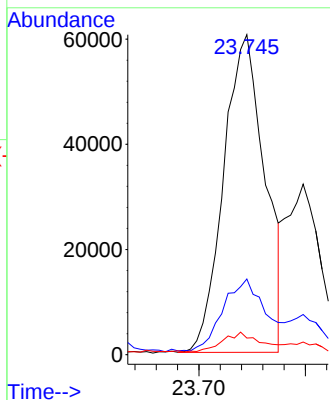
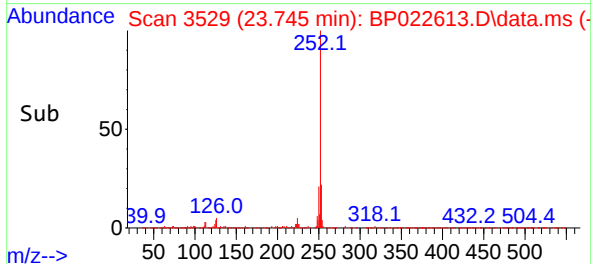
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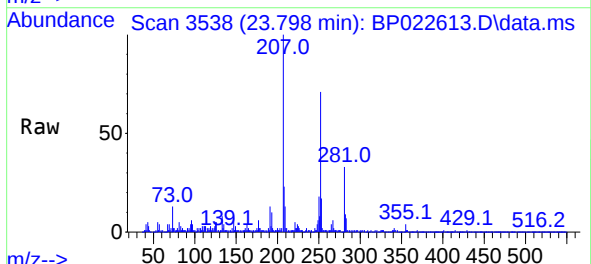
Tgt Ion:252 Resp: 16238
Ion Ratio Lower Upper
252 100
253 23.6 17.8 26.8
125 5.2 5.0 7.4

Manual Integrations
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#91
Benzo(k)fluoranthene
Concen: 1.043 ng/ul m
RT: 23.798 min Scan# 3538
Delta R.T. 0.006 min
Lab File: BP022613.D
Acq: 25 Oct 2024 15:56



Tgt Ion:252 Resp: 71496
Ion Ratio Lower Upper
252 100
253 23.6 17.4 26.0
125 7.4 4.6 6.8#

